

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110619\
 Data File : BG043529.D
 Acq On : 6 Nov 2019 20:48
 Operator : JU
 Sample : K5612-04MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 07 01:07:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	31487	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	117767	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	83350	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	202981	20.00	ng	0.00
76) Chrysene-d12	21.65	240	220457	20.00	ng	0.00
87) Perylene-d12	24.85	264	263648	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	213893	124.48	ng	0.00
7) Phenol-d6	7.19	99	301275	121.86	ng	0.00
23) Nitrobenzene-d5	9.17	82	175380	76.78	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	178021	112.23	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	445435	73.85	ng	0.00
79) Terphenyl-d14	20.00	244	891081	75.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.47	88	26186	39.106	ng	91
3) Pyridine	3.87	79	62525	37.016	ng	99
4) n-Nitrosodimethylamine	3.79	42	36560	42.894	ng	# 99
6) Aniline	7.34	93	54187	19.027	ng	99
8) 2-Chlorophenol	7.58	128	88972	46.906	ng	98
9) Benzaldehyde	7.15	77	44480	36.610	ng	91
10) Phenol	7.22	94	110871	49.077	ng	100
11) bis(2-Chloroethyl)ether	7.43	93	71771	41.091	ng	96
12) 1,3-Dichlorobenzene	7.90	146	99502	41.868	ng	98
13) 1,4-Dichlorobenzene	8.04	146	100407	41.758	ng	99
14) 1,2-Dichlorobenzene	8.36	146	96346	41.038	ng	98
15) Benzyl Alcohol	8.25	79	79382	45.720	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	101276	39.877	ng	97
17) 2-Methylphenol	8.47	107	75990	46.141	ng	97
18) Hexachloroethane	9.09	117	35198	40.574	ng	93
19) n-Nitroso-di-n-propylamine	8.81	70	64789	40.556	ng	96
20) 3+4-Methylphenols	8.80	107	98810	43.754	ng	98
22) Acetophenone	8.83	105	126086	41.807	ng	98
24) Nitrobenzene	9.22	77	97579	44.842	ng	99
25) Isophorone	9.73	82	181206	43.388	ng	99
26) 2-Nitrophenol	9.93	139	50602	48.166	ng	# 88
27) 2,4-Dimethylphenol	10.00	122	77495	51.466	ng	95
28) bis(2-Chloroethoxy)methane	10.21	93	100470	43.588	ng	98
29) 2,4-Dichlorophenol	10.48	162	91007	47.172	ng	93
30) 1,2,4-Trichlorobenzene	10.68	180	103302	42.483	ng	93
31) Naphthalene	10.87	128	271562	45.428	ng	98
32) Benzoic acid	10.16	122	34080	33.103	ng	99
33) 4-Chloroaniline	10.99	127	28838	11.769	ng	94
34) Hexachlorobutadiene	11.15	225	74395	41.388	ng	96
35) Caprolactam	11.75	113	18785	28.271	ng	97
36) 4-Chloro-3-methylphenol	12.11	107	97025	46.105	ng	98
37) 2-Methylnaphthalene	12.47	142	206337	44.986	ng	99
38) 1-Methylnaphthalene	12.69	142	194388	44.543	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	132406	42.924	ng	99

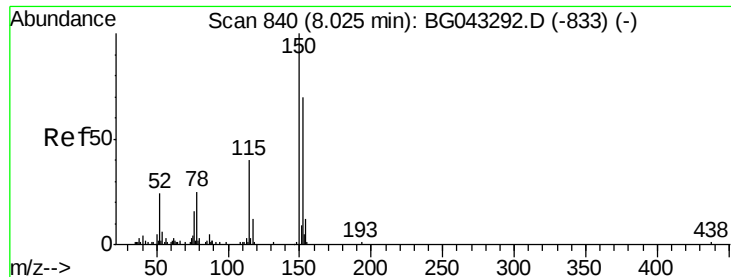
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110619\
 Data File : BG043529.D
 Acq On : 6 Nov 2019 20:48
 Operator : JU
 Sample : K5612-04MS
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 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
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Quant Time: Nov 07 01:07:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	129264	79.773	nq	98
43) 2,4,6-Trichlorophenol	13.08	196	81954	45.114	nq	97
44) 2,4,5-Trichlorophenol	13.16	196	87916	47.871	nq	95
46) 1,1'-Biphenyl	13.48	154	273665	43.159	nq	97
47) 2-Chloronaphthalene	13.52	162	213565	44.266	nq	100
48) 2-Nitroaniline	13.72	65	64687	44.861	nq	97
49) Acenaphthylene	14.36	152	347132	46.231	nq	99
50) Dimethylphthalate	14.09	163	364446	56.450	nq	98
51) 2,6-Dinitrotoluene	14.22	165	63952	45.597	nq	95
52) Acenaphthene	14.70	154	207901	45.403	nq	97
53) 3-Nitroaniline	14.56	138	24585	18.155	nq	89
54) 2,4-Dinitrophenol	14.76	184	73802	83.877	nq	97
55) Dibenzofuran	15.04	168	340572	45.864	nq	98
56) 4-Nitrophenol	14.89	139	91832	101.197	nq	89
57) 2,4-Dinitrotoluene	15.00	165	89980	44.891	nq	99
58) Fluorene	15.68	166	283530	45.525	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.19	232	83306	42.694	nq	95
60) Diethylphthalate	15.46	149	283607	43.720	nq	99
61) 4-Chlorophenyl-phenylether	15.68	204	158962	43.752	nq	97
62) 4-Nitroaniline	15.72	138	60892	43.541	nq	98
63) Azobenzene	15.97	77	240385	45.788	nq	98
65) 4,6-Dinitro-2-methylphenol	15.77	198	59176	49.538	nq	97
66) n-Nitrosodiphenylamine	15.90	169	251375	43.865	nq	97
67) 4-Bromophenyl-phenylether	16.57	248	112096	41.036	nq	97
68) Hexachlorobenzene	16.70	284	127210	40.569	nq	94
69) Atrazine	16.84	200	110641	55.563	nq	98
70) Pentachlorophenol	17.05	266	125135	87.582	nq	98
71) Phenanthrene	17.43	178	452534	43.537	nq	99
72) Anthracene	17.52	178	469668	45.162	nq	99
73) Carbazole	17.79	167	429438	45.600	nq	98
74) Di-n-butylphthalate	18.34	149	509024	44.546	nq	99
75) Fluoranthene	19.44	202	614143	45.322	nq	99
77) Benzidine	19.62	184	222340	50.113	nq	99
78) Pyrene	19.80	202	620834	45.496	nq	100
80) Butylbenzylphthalate	20.68	149	234279	45.316	nq	94
81) Benzo(a)anthracene	21.64	228	637336	46.153	nq	98
82) 3,3'-Dichlorobenzidine	21.55	252	106817	19.999	nq	99
83) Chrysene	21.70	228	616928	44.964	nq	98
84) Bis(2-ethylhexyl)phthalate	21.54	149	342102	46.583	nq	98
85) Di-n-octyl phthalate	22.74	149	584017	46.873	nq	99
86) Indeno(1,2,3-cd)pyrene	28.50	276	812857	47.197	nq	# 96
88) Benzo(b)fluoranthene	23.84	252	659449	44.163	nq	99
89) Benzo(k)fluoranthene	23.90	252	679031	45.171	nq	98
90) Benzo(a)pyrene	24.70	252	622084	43.627	nq	99
91) Dibenzo(a,h)anthracene	28.55	278	678741	46.537	nq	97
92) Benzo(g,h,i)perylene	29.63	276	675554	46.957	nq	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

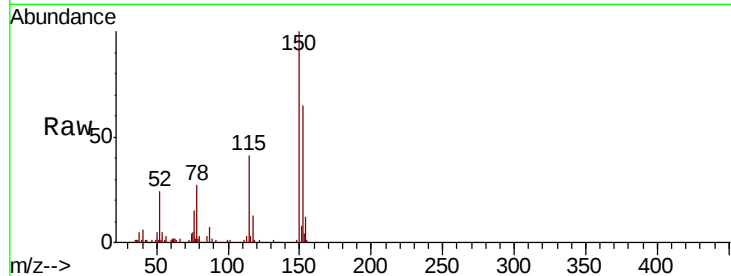


#1

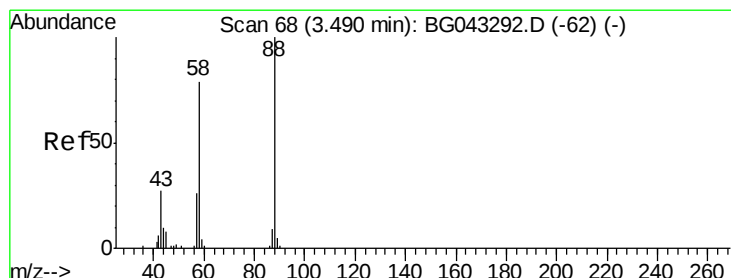
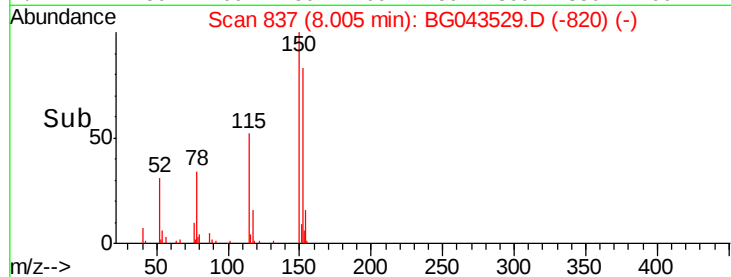
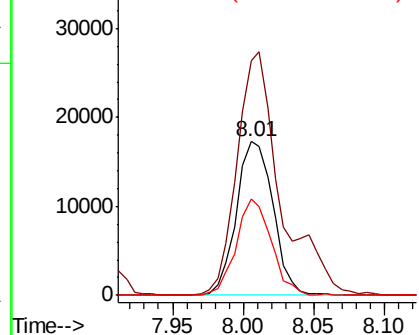
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG043529.D
Acq: 6 Nov 2019 20:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 31487
Ion Ratio Lower Upper
152 100
150 153.1 129.4 194.0
115 63.0 48.8 73.2



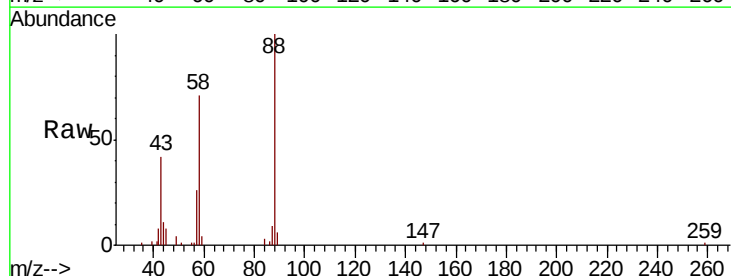
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



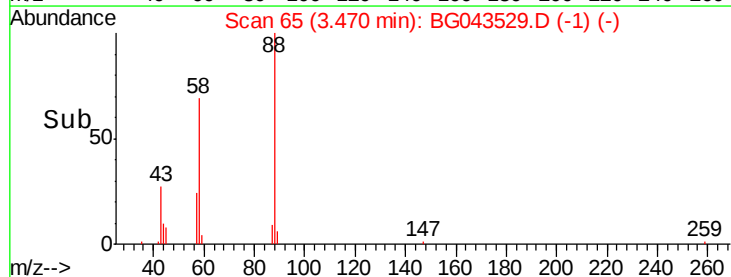
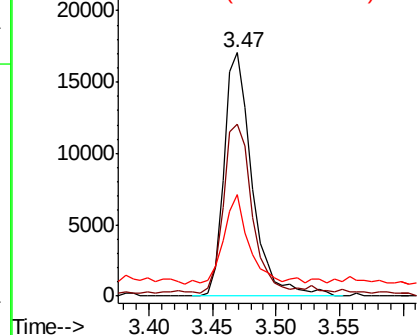
#2

1,4-Dioxane
Concen: 39.106 ng
RT: 3.47 min Scan# 65
Delta R.T. -0.00 min
Lab File: BG043529.D
Acq: 6 Nov 2019 20:48

Tgt Ion: 88 Resp: 26186
Ion Ratio Lower Upper
88 100
58 70.0 62.7 94.1
43 33.3 23.7 35.5



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 37.016 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.01 min

Lab File: BG043529.D

Acq: 6 Nov 2019 20:48

Instrument :

BNA_G

ClientSampleId :

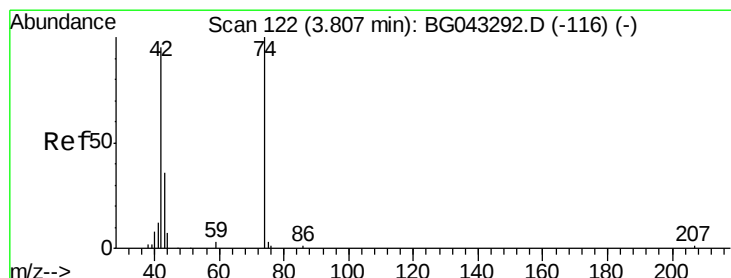
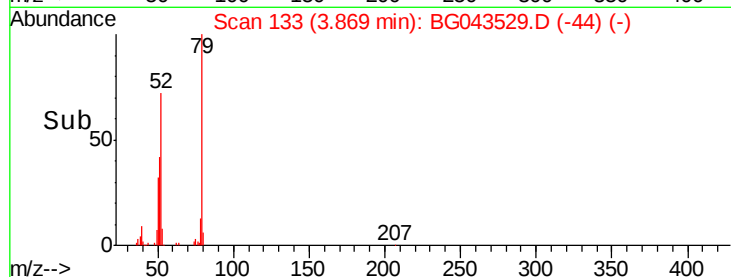
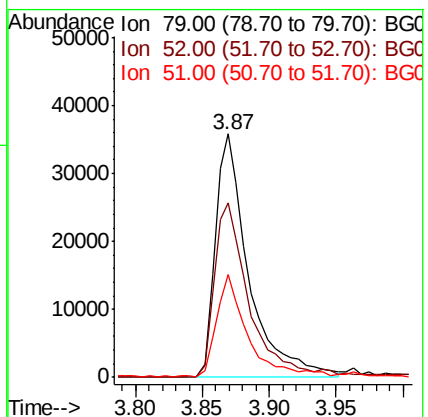
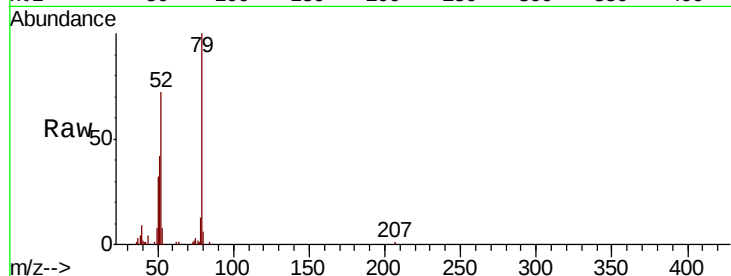
Tot Ion: 79 Resp: 62525

Ion Ratio Lower Upper

79 100

52 71.8 56.5 84.7

51 42.5 33.2 49.8



#4

n-Nitrosodimethylamine

Concen: 42.894 ng

RT: 3.79 min Scan# 119

Delta R.T. -0.00 min

Lab File: BG043529.D

Acq: 6 Nov 2019 20:48

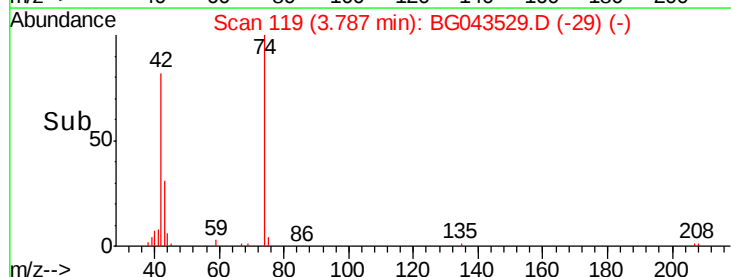
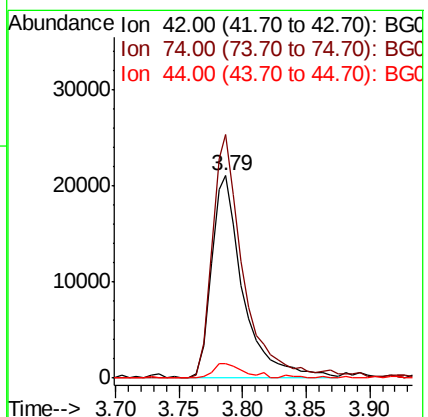
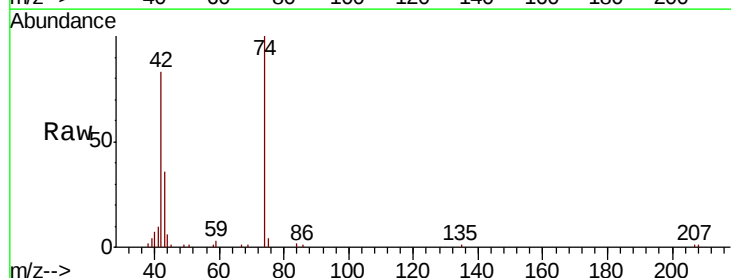
Tgt Ion: 42 Resp: 36560

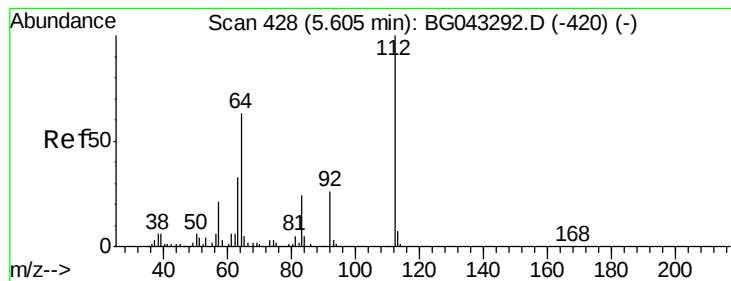
Ion Ratio Lower Upper

42 100

74 120.2 97.3 145.9

44 7.0 4.4 6.6#





#5

2-Fluorophenol

Concen: 124.479 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.00 min

Lab File: BG043529.D

Acq: 6 Nov 2019 20:48

Instrument :

BNA_G

ClientSampleId :

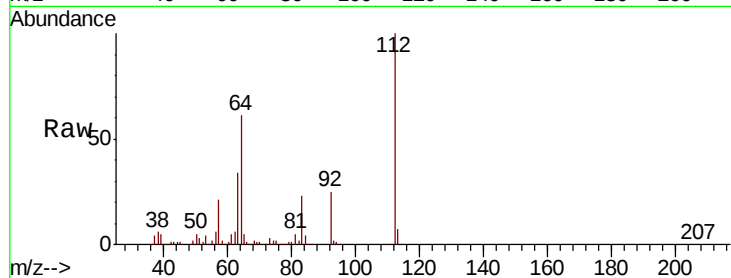
Tot Ion:112 Resp: 213893

Ion Ratio Lower Upper

112 100

64 60.6 50.0 75.0

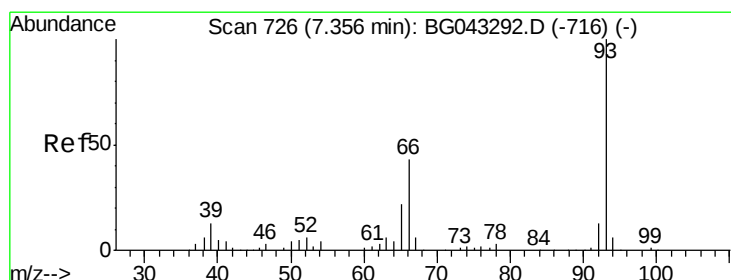
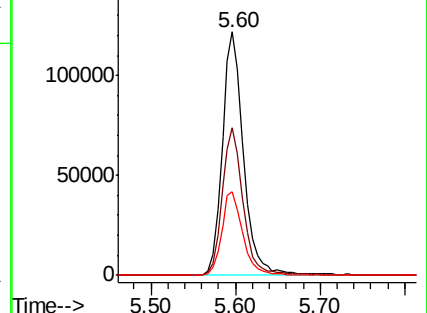
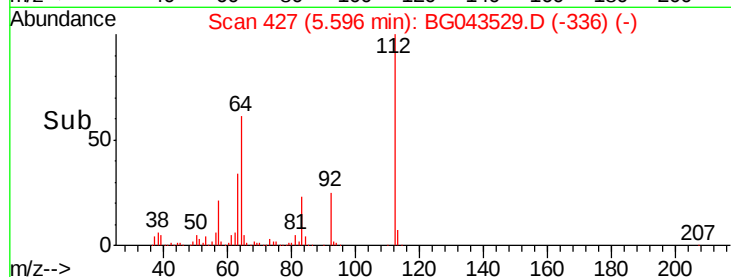
63 34.2 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 19.027 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BG043529.D

Acq: 6 Nov 2019 20:48

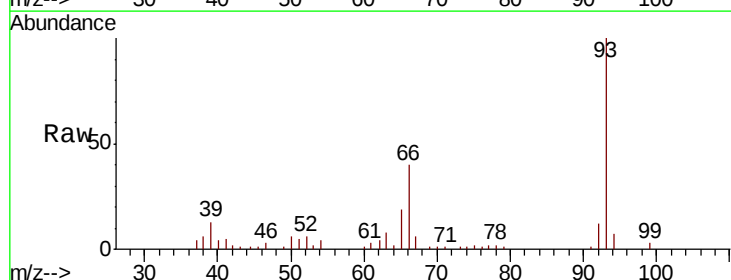
Tgt Ion: 93 Resp: 54187

Ion Ratio Lower Upper

93 100

66 40.0 32.3 48.5

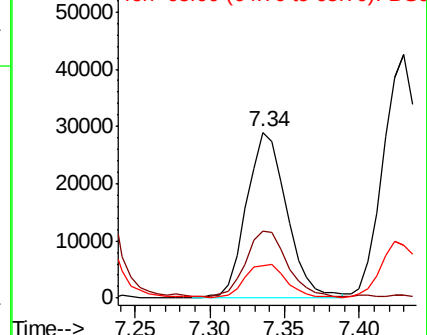
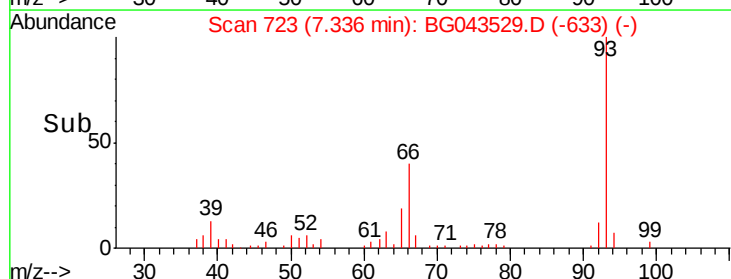
65 19.4 16.1 24.1

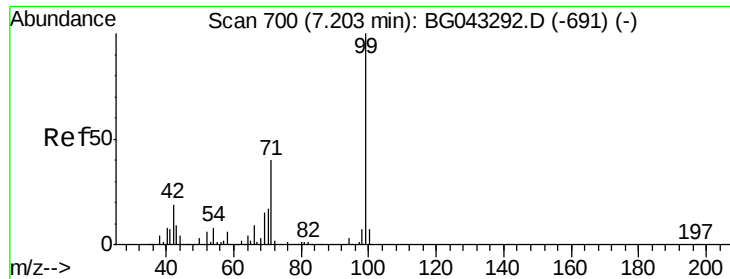


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 121.863 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG043529.D

Acq: 6 Nov 2019 20:48

Instrument :

BNA_G

ClientSampleId :

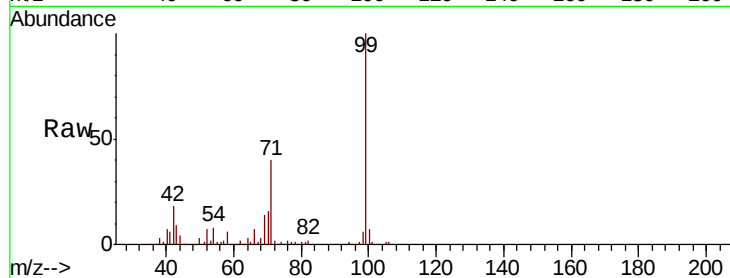
Tot Ion: 99 Resp: 301275

Ion Ratio Lower Upper

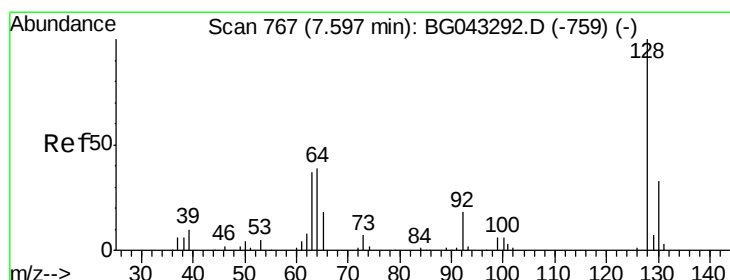
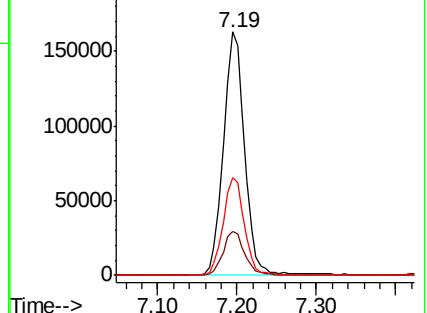
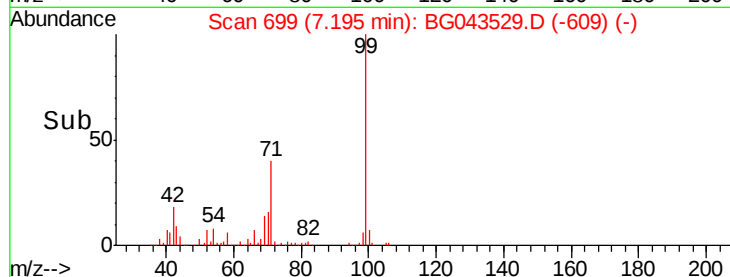
99 100

42 17.8 14.6 21.8

71 40.3 32.5 48.7



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 46.906 ng

RT: 7.58 min Scan# 765

Delta R.T. -0.00 min

Lab File: BG043529.D

Acq: 6 Nov 2019 20:48

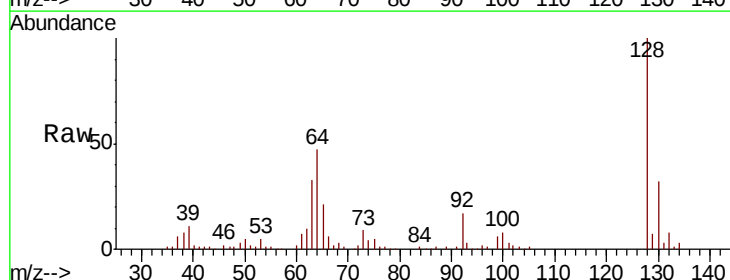
Tgt Ion: 128 Resp: 88972

Ion Ratio Lower Upper

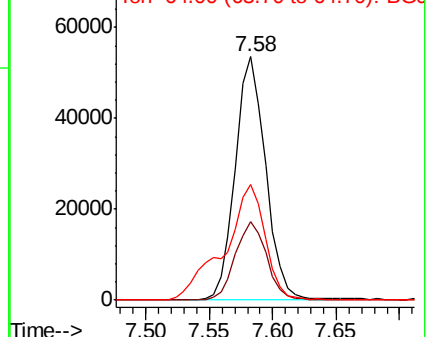
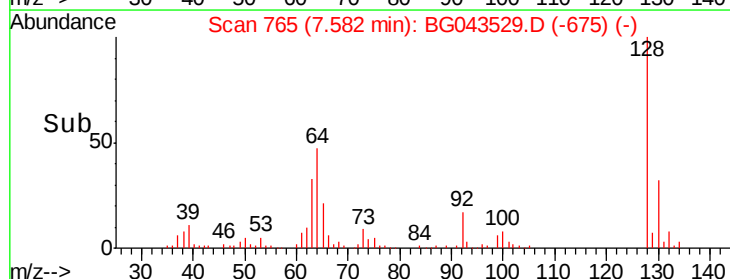
128 100

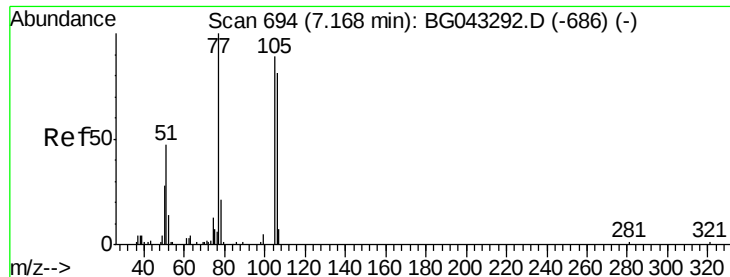
130 32.4 12.5 52.5

64 47.5 25.3 65.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 36.610 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG043529.D

Acq: 6 Nov 2019 20:48

Instrument :

BNA_G

ClientSampleId :

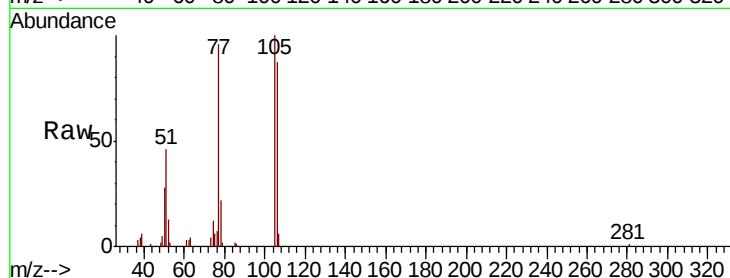
Tot Ion: 77 Resp: 44480

Ion Ratio Lower Upper

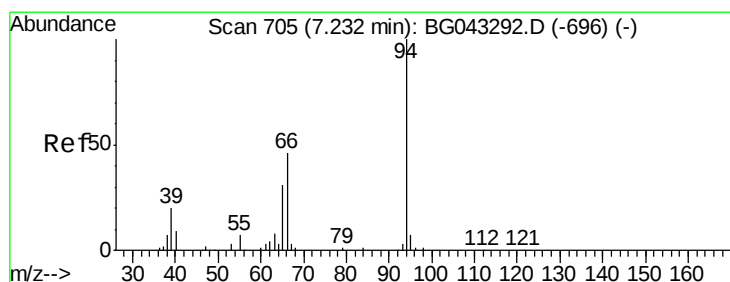
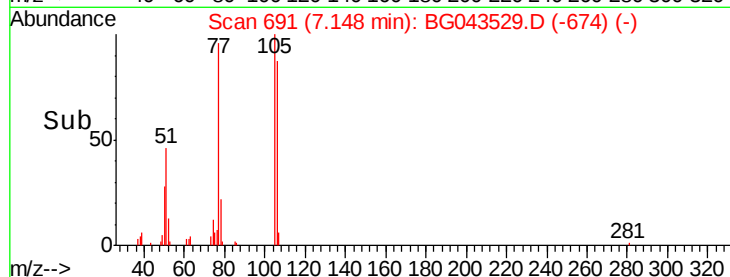
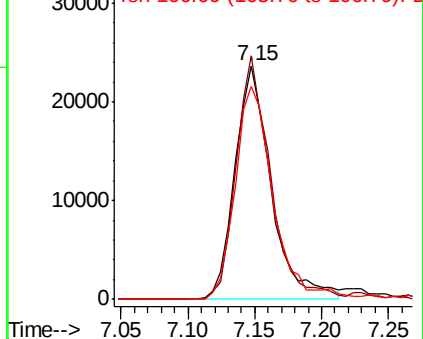
77 100

105 104.1 68.6 108.6

106 90.7 69.9 109.9



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 49.077 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG043529.D

Acq: 6 Nov 2019 20:48

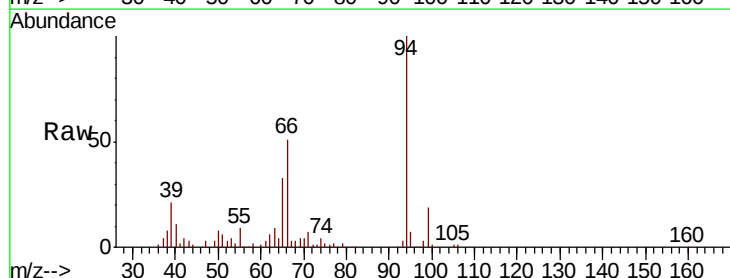
Tgt Ion: 94 Resp: 110871

Ion Ratio Lower Upper

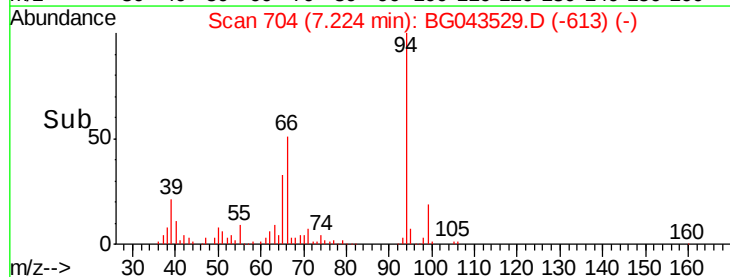
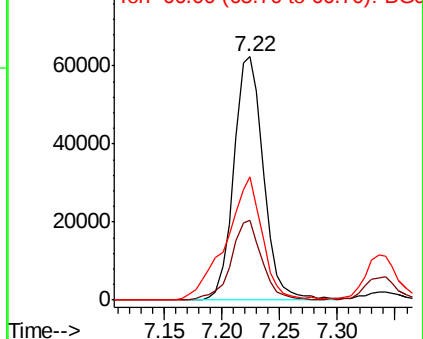
94 100

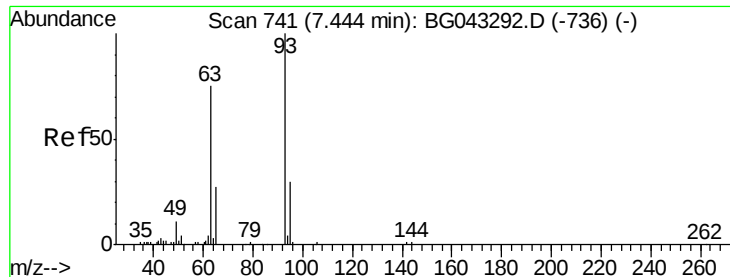
65 32.7 12.6 52.6

66 50.5 30.7 70.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

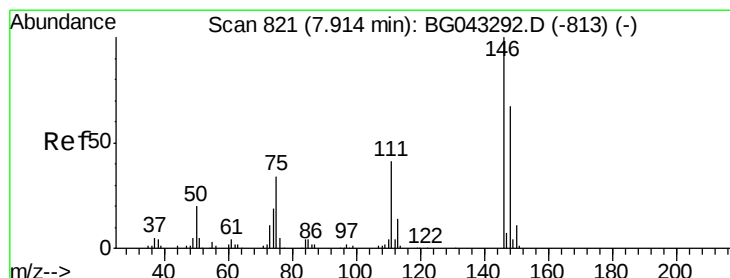
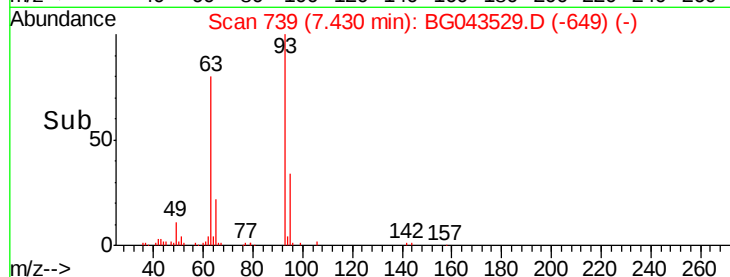
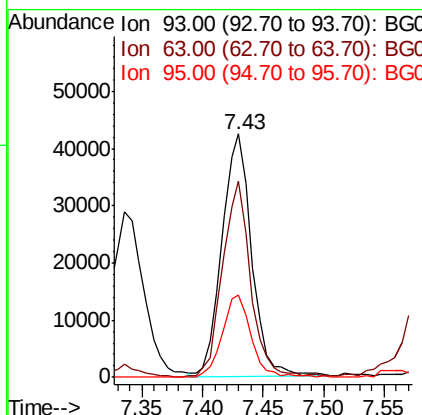
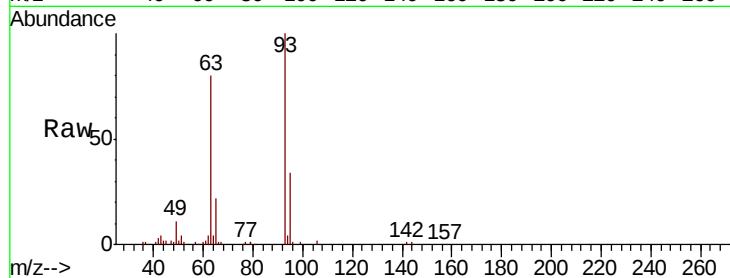




#11
bis(2-Chloroethyl)ether
Concen: 41.091 ng
RT: 7.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BG043529.D
Acq: 6 Nov 2019 20:48

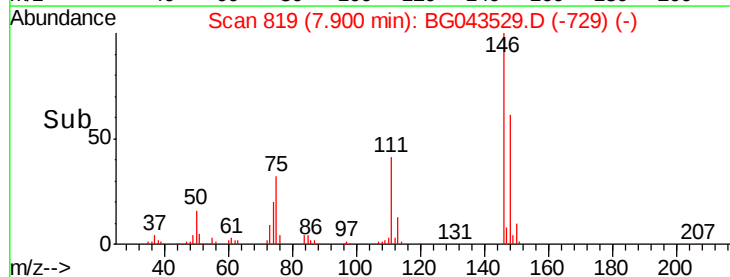
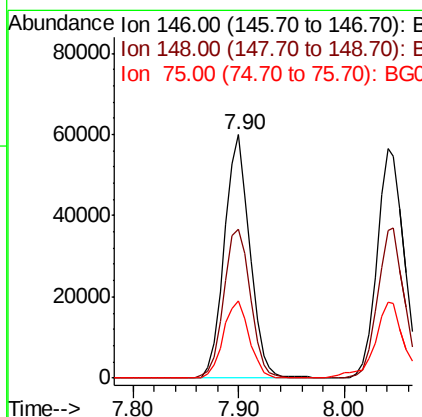
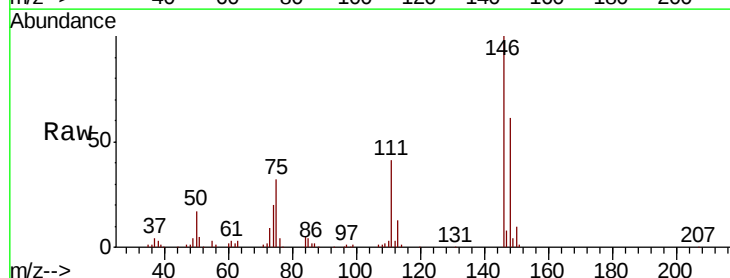
Instrument :
BNA_G
ClientSampleId :

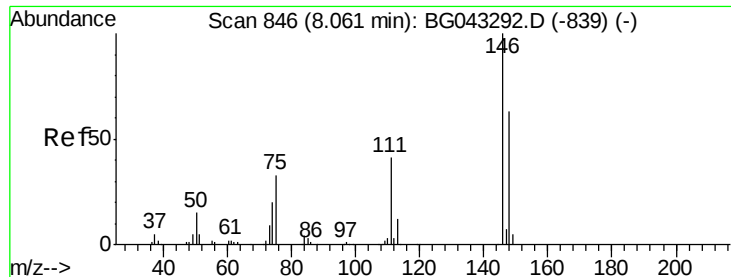
Tot Ion: 93 Resp: 71771
Ion Ratio Lower Upper
93 100
63 80.4 56.3 96.3
95 33.7 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 41.868 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BG043529.D
Acq: 6 Nov 2019 20:48

Tgt Ion: 146 Resp: 99502
Ion Ratio Lower Upper
146 100
148 60.9 50.3 75.5
75 31.9 24.6 37.0





#13

1,4-Dichlorobenzene

Concen: 41.758 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.00 min

Lab File: BG043529.D

Acq: 6 Nov 2019 20:48

Instrument :

BNA_G

ClientSampleId :

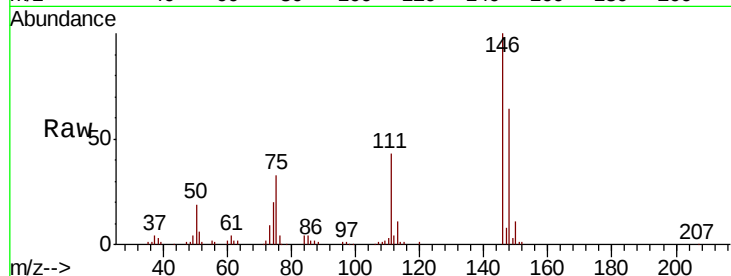
Tot Ion:146 Resp: 100407

Ion Ratio Lower Upper

146 100

148 64.0 50.7 76.1

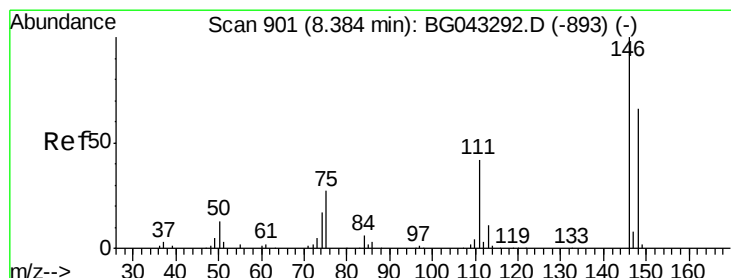
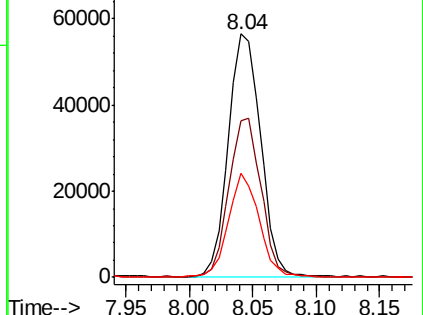
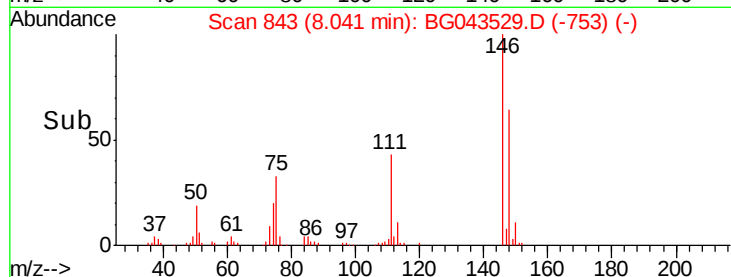
111 42.5 33.4 50.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.038 ng

RT: 8.36 min Scan# 898

Delta R.T. -0.00 min

Lab File: BG043529.D

Acq: 6 Nov 2019 20:48

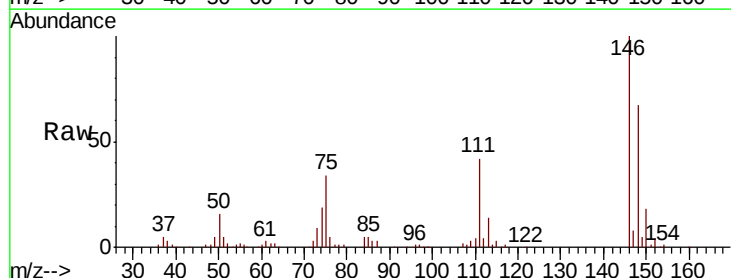
Tgt Ion:146 Resp: 96346

Ion Ratio Lower Upper

146 100

148 66.8 53.2 79.8

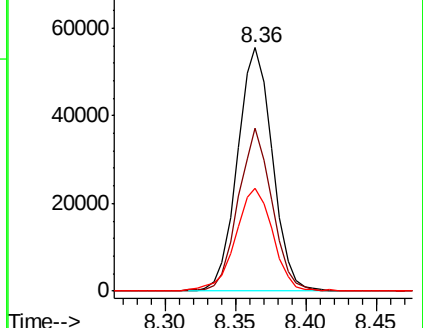
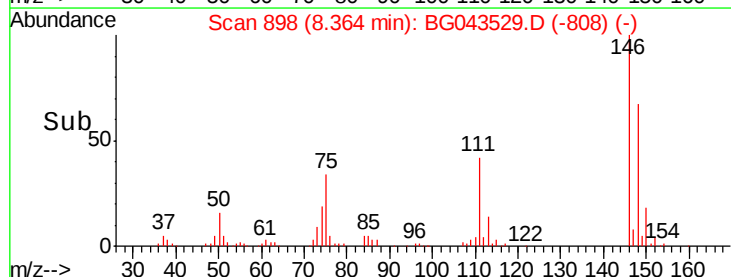
111 42.1 35.8 53.6

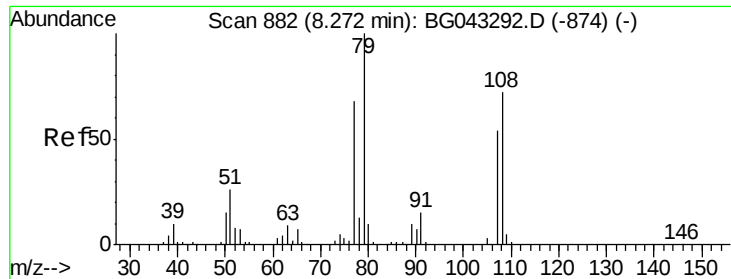


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.720 ng

RT: 8.25 min Scan# 879

Delta R.T. -0.00 min

Lab File: BG043529.D

Acq: 6 Nov 2019 20:48

Instrument :

BNA_G

ClientSampleId :

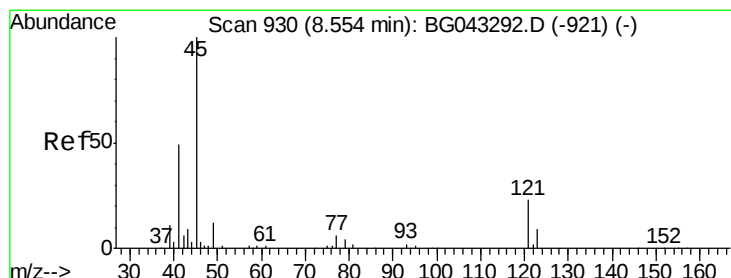
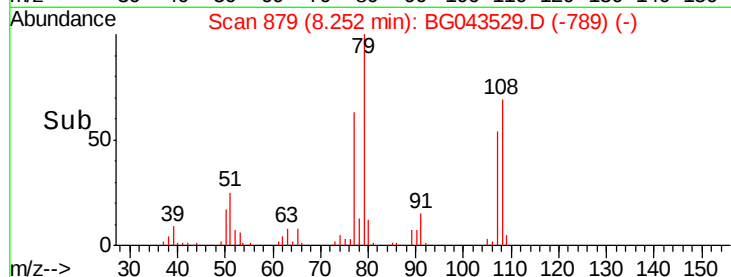
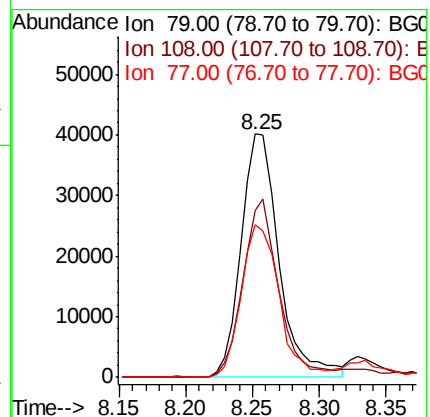
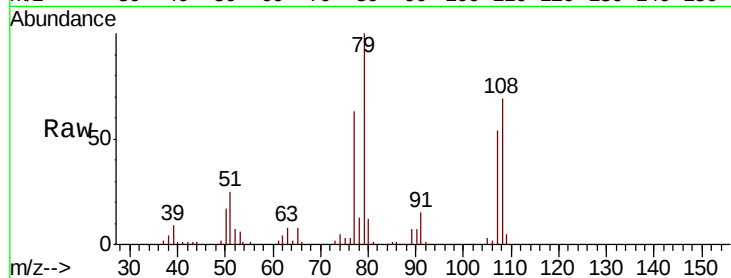
Tot Ion: 79 Resp: 79382

Ion Ratio Lower Upper

79 100

108 68.6 53.6 80.4

77 62.8 49.6 74.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.877 ng

RT: 8.53 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG043529.D

Acq: 6 Nov 2019 20:48

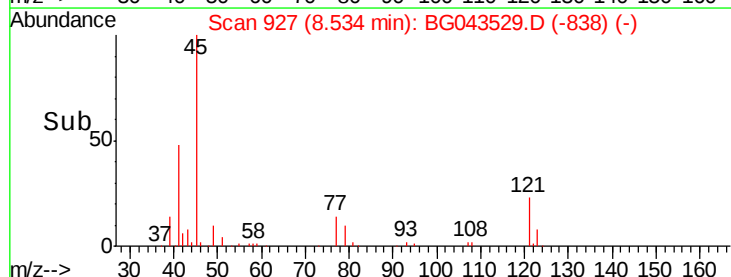
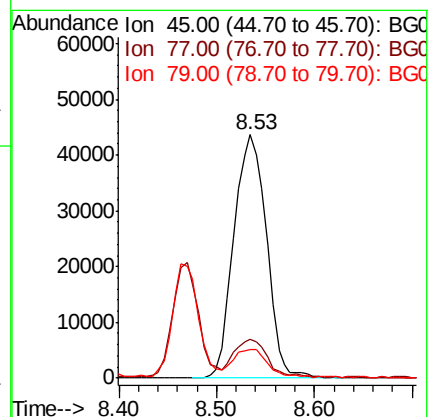
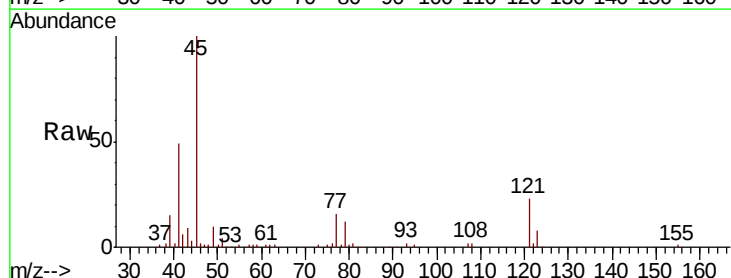
Tgt Ion: 45 Resp: 101276

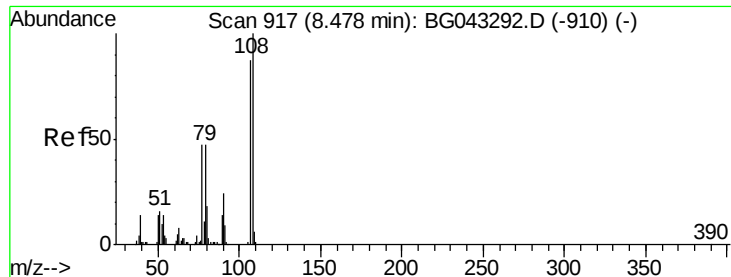
Ion Ratio Lower Upper

45 100

77 15.9 0.0 34.9

79 11.7 0.0 33.0





#17

2-Methylphenol

Concen: 46.141 ng

RT: 8.47 min Scan# 916

Delta R.T. 0.00 min

Lab File: BG043529.D

Acq: 6 Nov 2019 20:48

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 75990

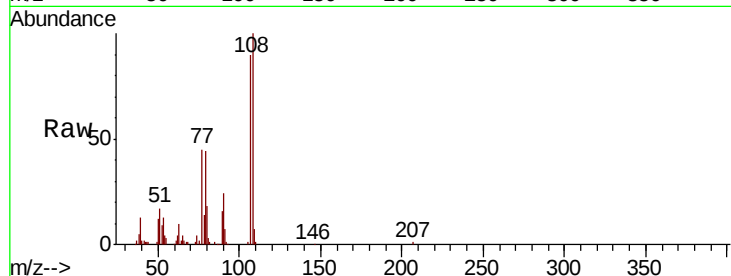
Ion Ratio Lower Upper

107 100

108 111.0 90.2 135.4

77 49.8 40.2 60.2

79 48.7 44.0 66.0

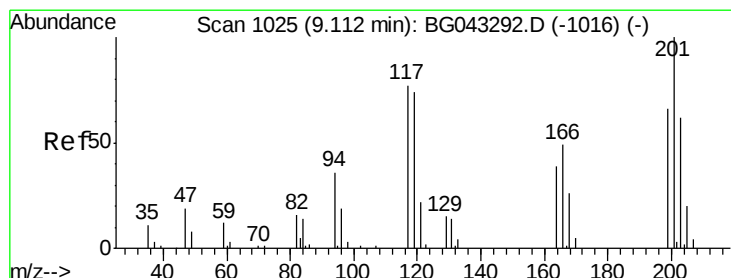
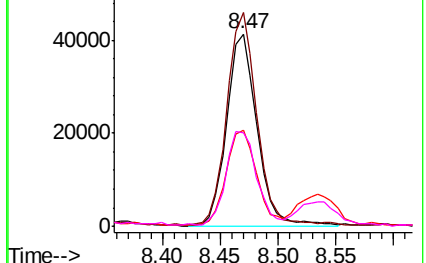
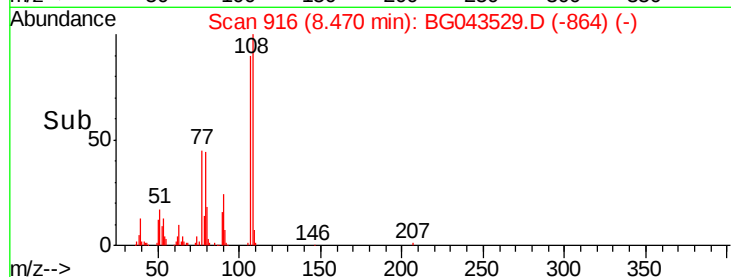


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 40.574 ng

RT: 9.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BG043529.D

Acq: 6 Nov 2019 20:48

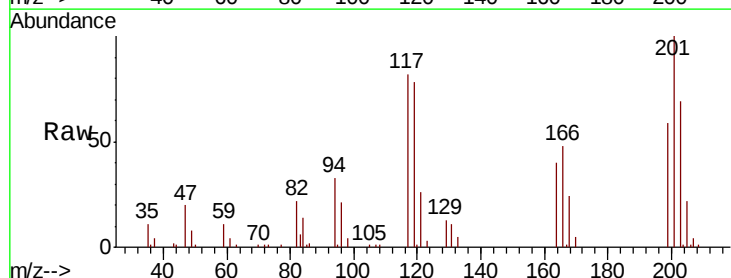
Tgt Ion:117 Resp: 35198

Ion Ratio Lower Upper

117 100

119 94.5 79.0 118.4

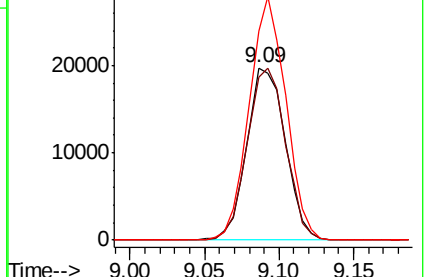
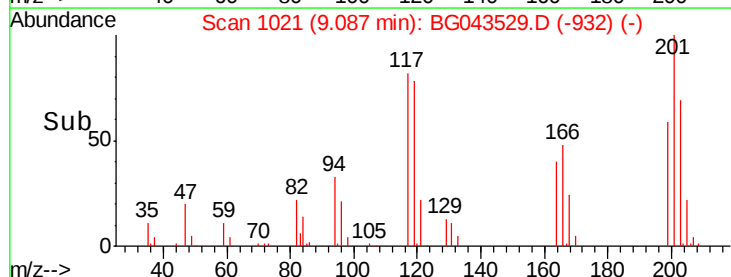
201 121.5 105.4 158.2

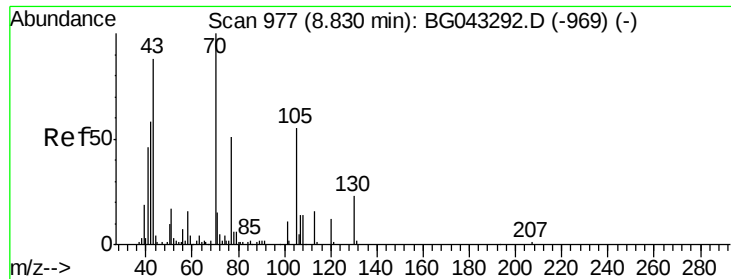


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

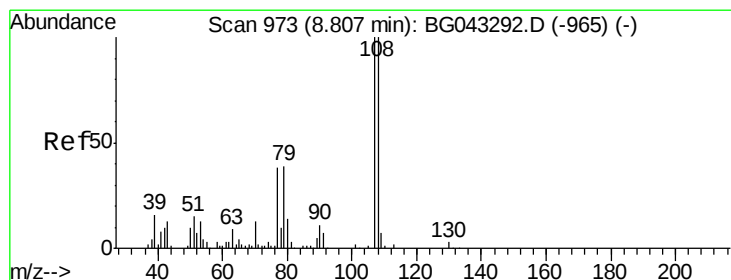
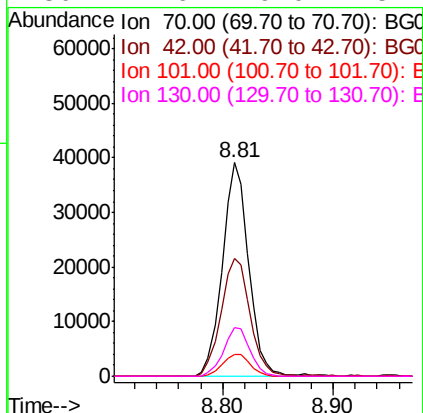
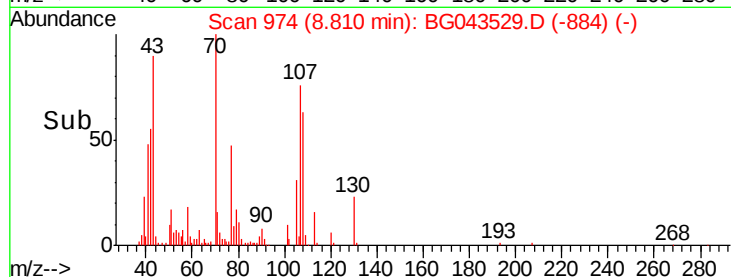
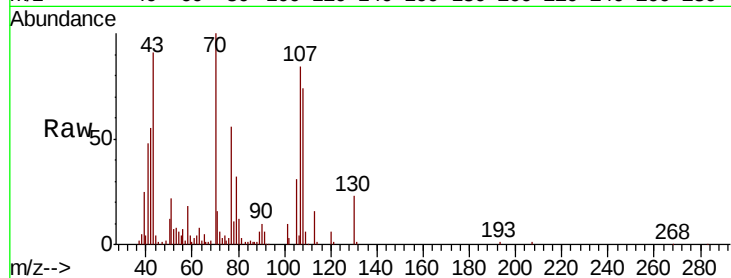




#19
n-Nitroso-di-n-propylamine
Concen: 40.556 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG043529.D
Acq: 6 Nov 2019 20:48

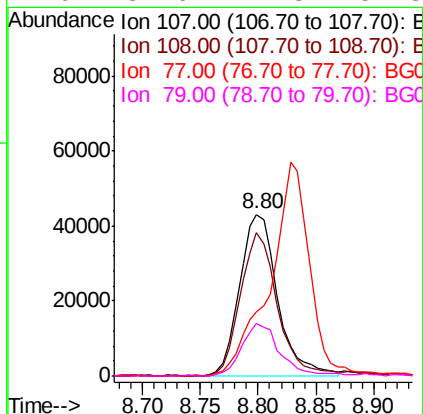
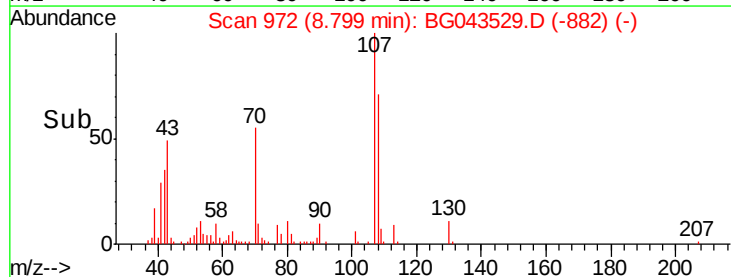
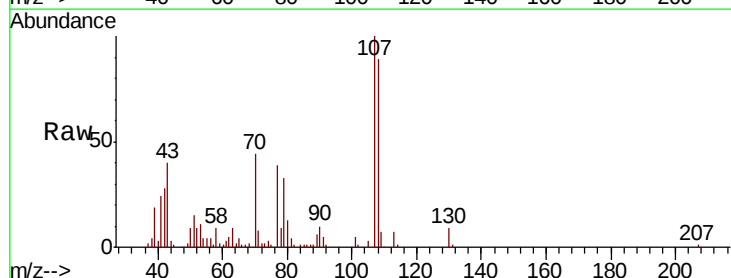
Instrument :
BNA_G
ClientSampleId :

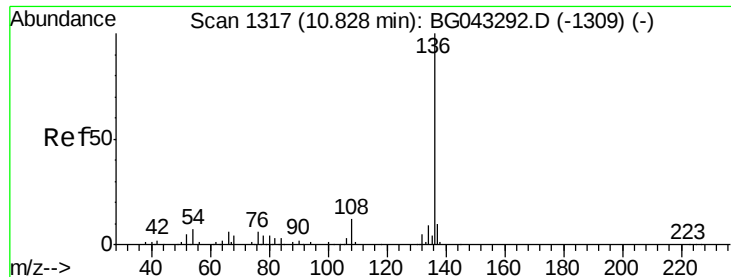
Tot Ion:	70	Resp:	64789
Ion	Ratio	Lower	Upper
70	100		
42	55.1	41.4	62.2
101	10.3	7.9	11.9
130	22.6	19.0	28.4



#20
3+4-Methylphenols
Concen: 43.754 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BG043529.D
Acq: 6 Nov 2019 20:48

Tgt Ion:	107	Resp:	98810
Ion	Ratio	Lower	Upper
107	100		
108	88.5	66.6	106.6
77	39.4	20.9	60.9
79	32.6	11.3	51.3

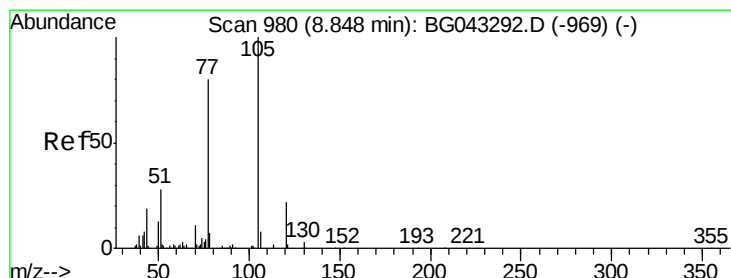
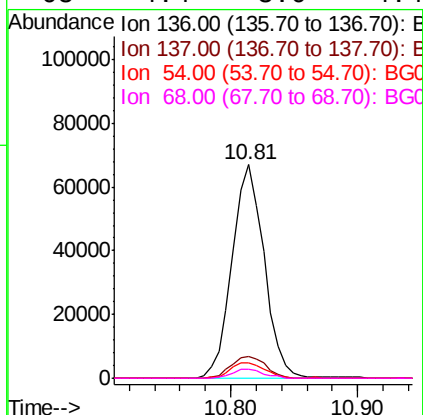
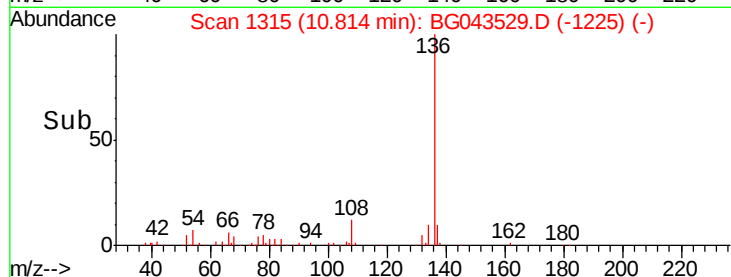
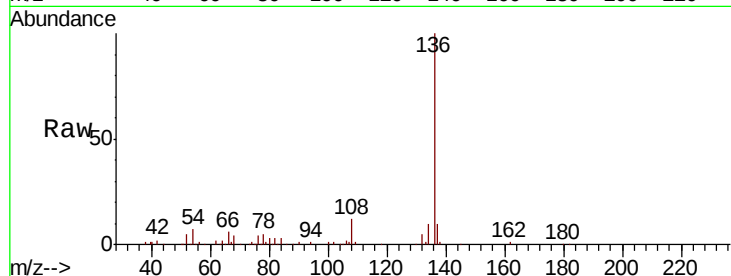




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG043529.D
Acq: 6 Nov 2019 20:48

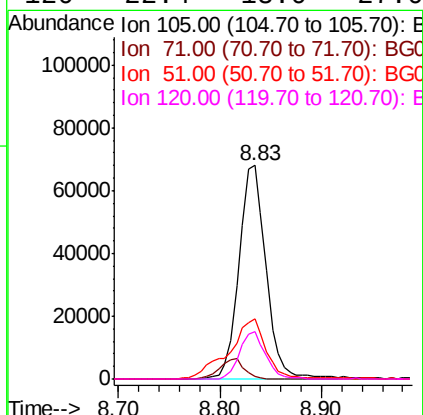
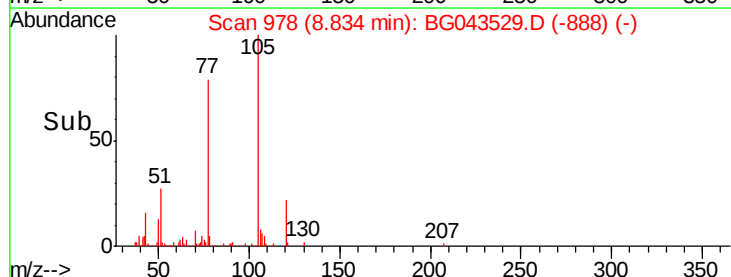
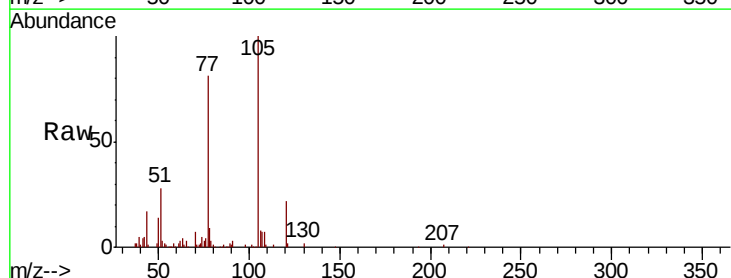
Instrument :
BNA_G
ClientSampleId :

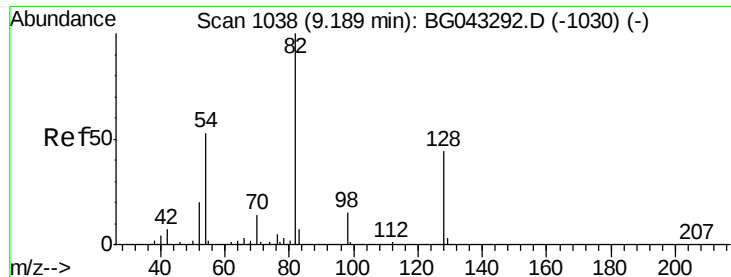
Tot Ion:136	Resp:	117767
Ion Ratio	Lower	Upper
136 100		
137 10.0	8.7	13.1
54 6.9	5.4	8.2
68 4.4	3.0	4.4



#22
Acetophenone
Concen: 41.807 ng
RT: 8.83 min Scan# 978
Delta R.T. -0.00 min
Lab File: BG043529.D
Acq: 6 Nov 2019 20:48

Tgt	Ion:105	Resp:	126086
Ion	Ratio	Lower	Upper
105	100		
71	1.2	0.8	1.2
51	28.4	21.0	31.4
120	22.4	18.0	27.0

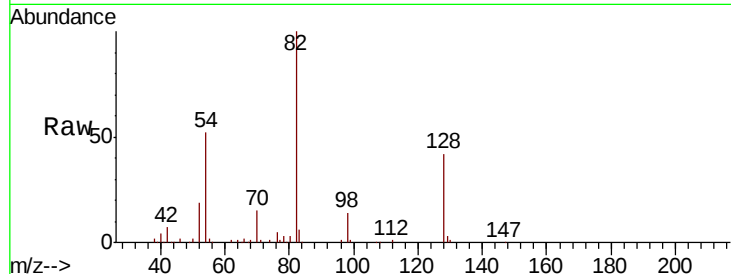




#23
 Nitrobenzene-d5
 Concen: 76.776 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG043529.D
 Acq: 6 Nov 2019 20:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	175380
Ion Ratio	100	Lower	Upper
128	42.1	35.0	52.6
54	51.9	40.2	60.2

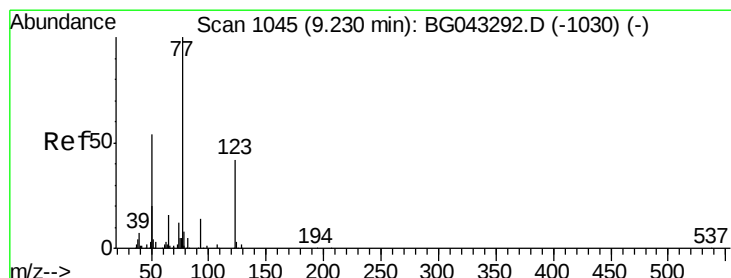
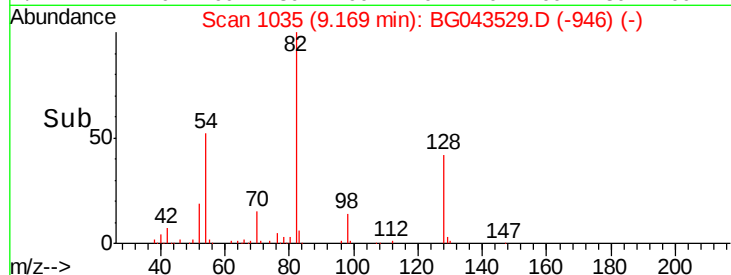
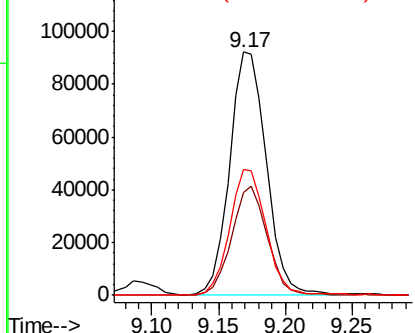


Abundance

Ion 82.00 (81.70 to 82.70): BGC

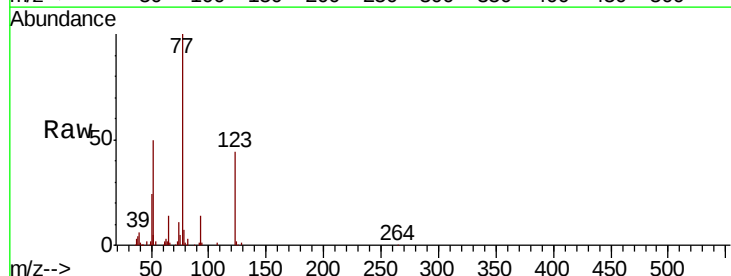
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24
 Nitrobenzene
 Concen: 44.842 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BG043529.D
 Acq: 6 Nov 2019 20:48

Tgt Ion	77	Resp	97579
Ion Ratio	100	Lower	Upper
123	43.6	35.0	52.6
65	13.6	9.5	14.3

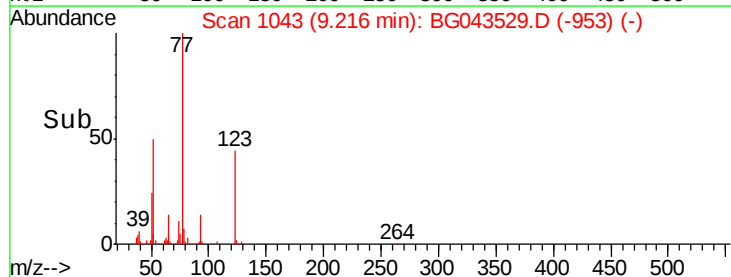
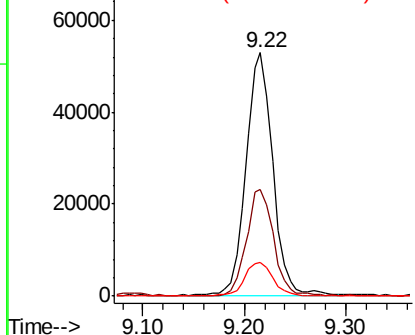


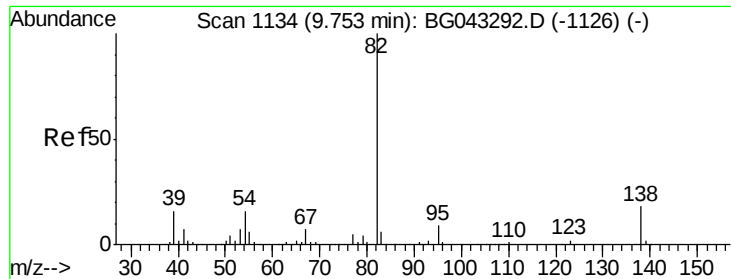
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 43.388 ng

RT: 9.73 min Scan# 1131

Delta R.T. -0.00 min

Lab File: BG043529.D

Acq: 6 Nov 2019 20:48

Instrument :

BNA_G

ClientSampled :

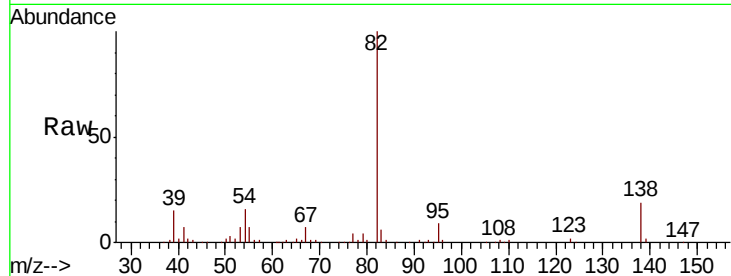
Tot Ion: 82 Resp: 181206

Ion Ratio Lower Upper

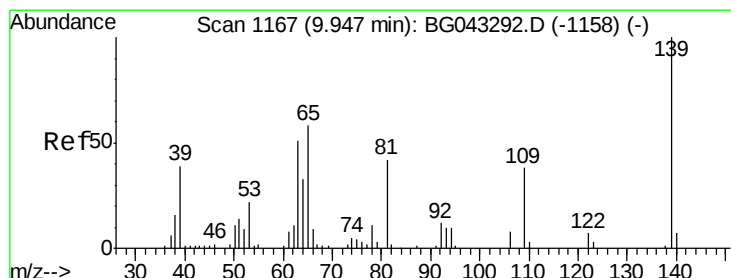
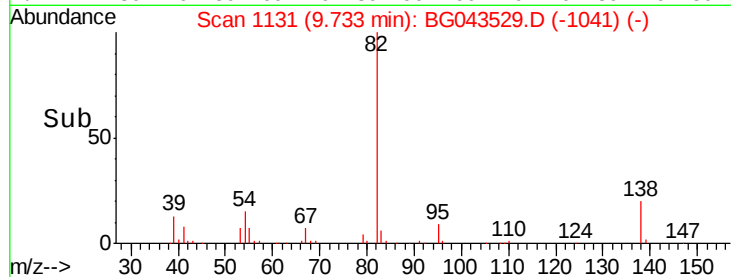
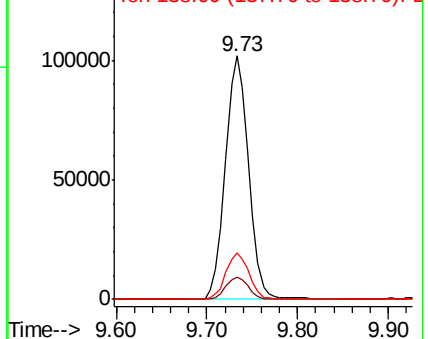
82 100

95 9.0 6.6 9.8

138 18.8 15.2 22.8



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 48.166 ng

RT: 9.93 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BG043529.D

Acq: 6 Nov 2019 20:48

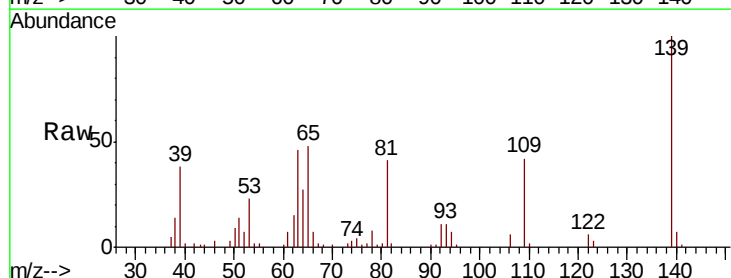
Tgt Ion: 139 Resp: 50602

Ion Ratio Lower Upper

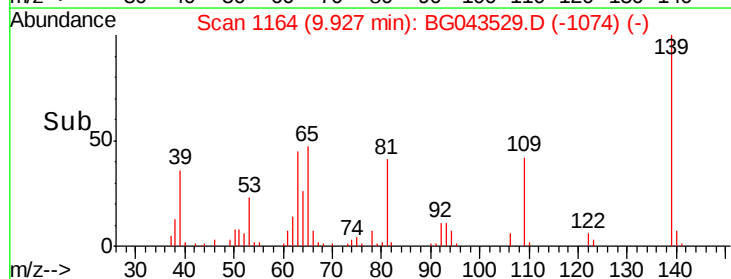
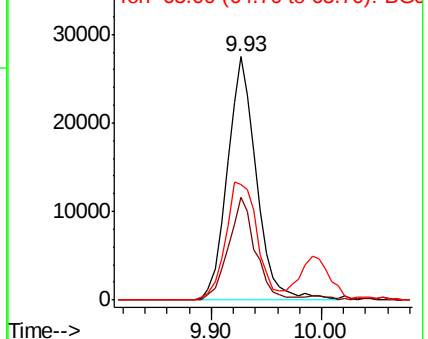
139 100

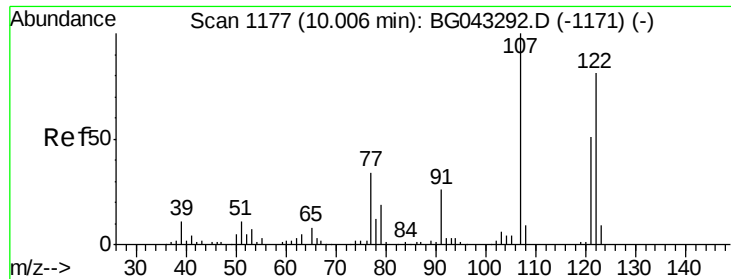
109 42.1 26.5 39.7#

65 47.7 43.8 65.8



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

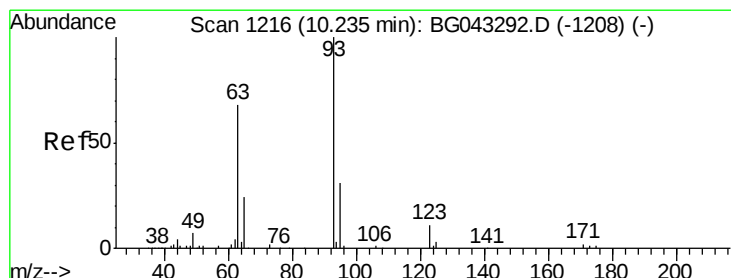
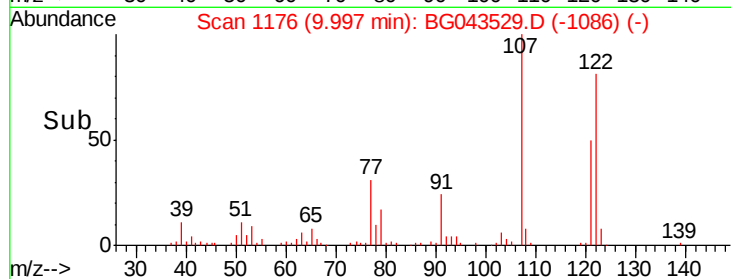
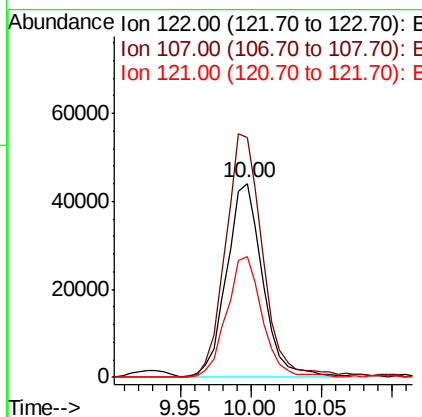
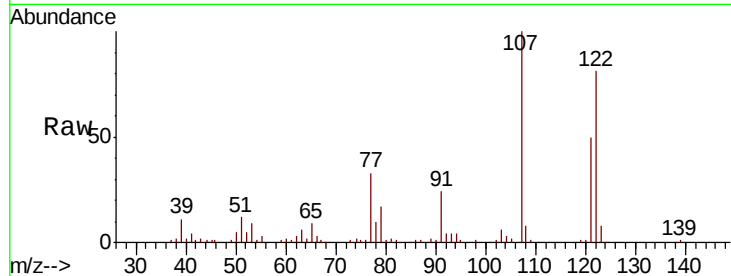




#27
 2,4-Dimethylphenol
 Concen: 51.466 ng
 RT: 10.00 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BG043529.D
 Acq: 6 Nov 2019 20:48

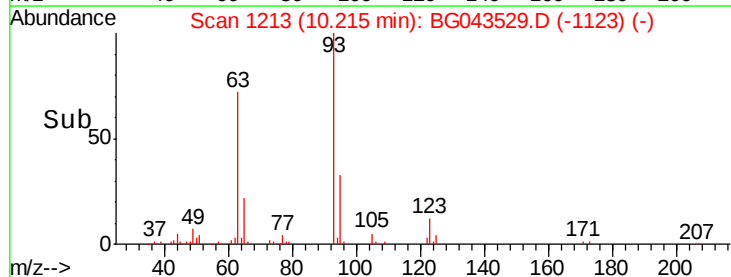
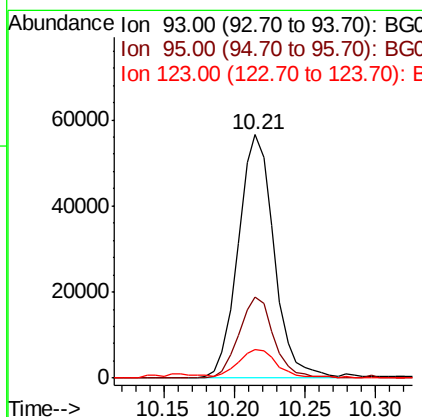
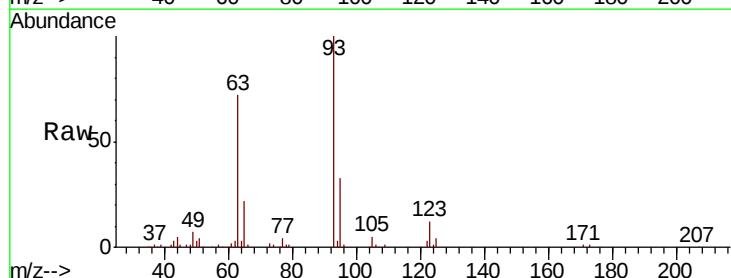
Instrument :
 BNA_G
 ClientSampleId :

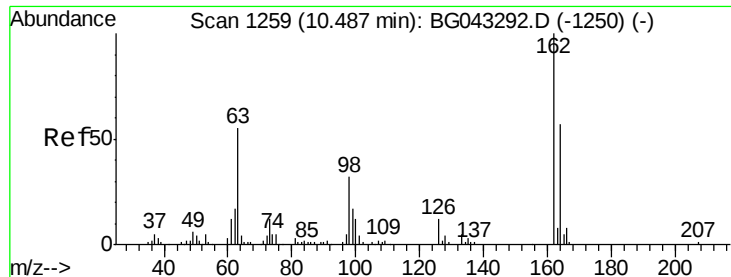
Tot Ion:122 Resp: 77495
 Ion Ratio Lower Upper
 122 100
 107 123.9 104.4 156.6
 121 62.3 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.588 ng
 RT: 10.21 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BG043529.D
 Acq: 6 Nov 2019 20:48

Tgt Ion: 93 Resp: 100470
 Ion Ratio Lower Upper
 93 100
 95 33.5 26.0 39.0
 123 11.7 10.6 15.8

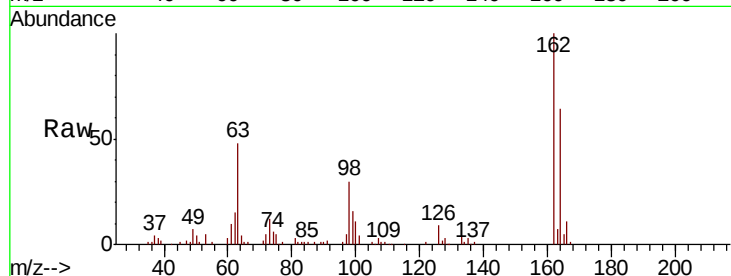




#29
 2,4-Dichlorophenol
 Concen: 47.172 ng
 RT: 10.48 min Scan# 1258
 Delta R.T. 0.00 min
 Lab File: BG043529.D
 Acq: 6 Nov 2019 20:48

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	162	Resp	91007
Ion	Ratio	Lower	Upper
162	100		
164	64.0	48.9	88.9
98	29.8	15.1	55.1

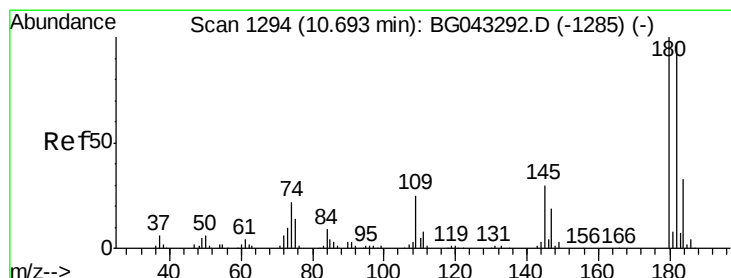
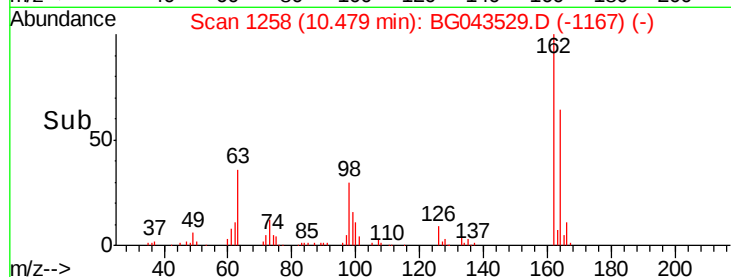
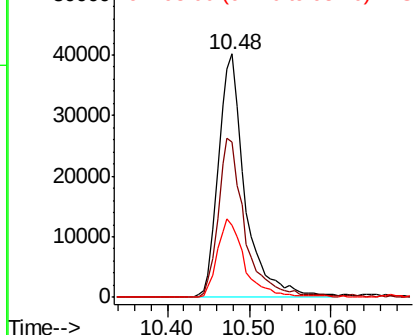


Abundance

Ion 162.00 (161.70 to 162.70): E

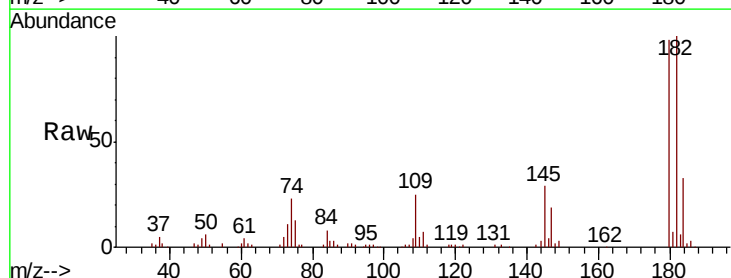
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 42.483 ng
 RT: 10.68 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: BG043529.D
 Acq: 6 Nov 2019 20:48

Tgt Ion	180	Resp	103302
Ion	Ratio	Lower	Upper
180	100		
182	102.1	75.1	112.7
145	29.7	23.9	35.9

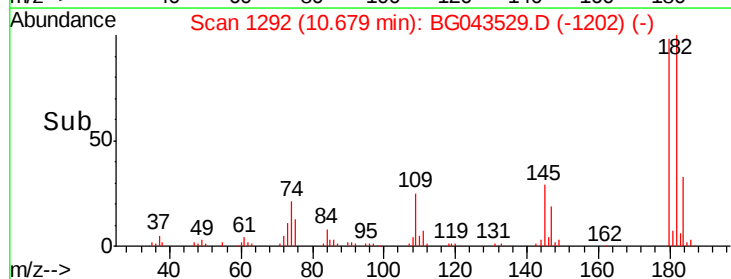
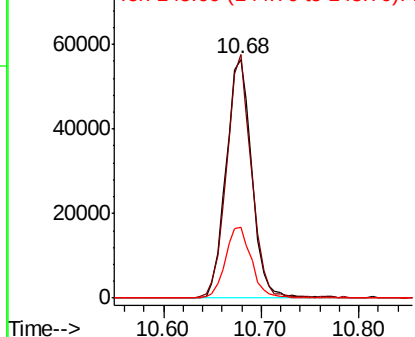


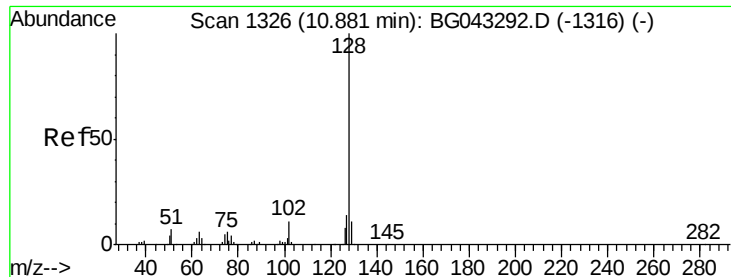
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

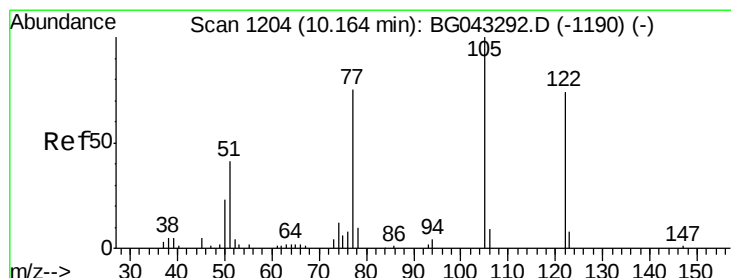
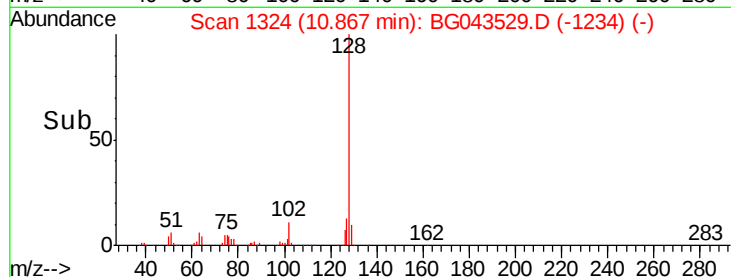
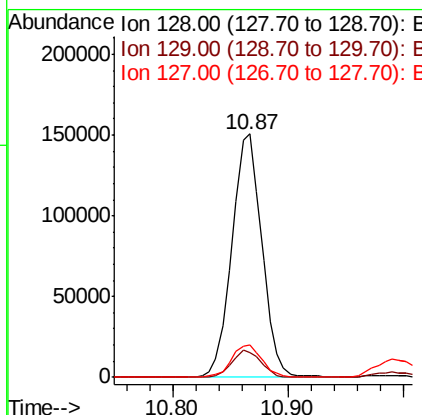
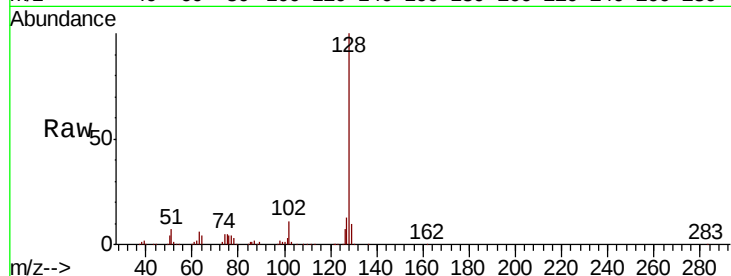




#31
Naphthalene
Concen: 45.428 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG043529.D
Acq: 6 Nov 2019 20:48

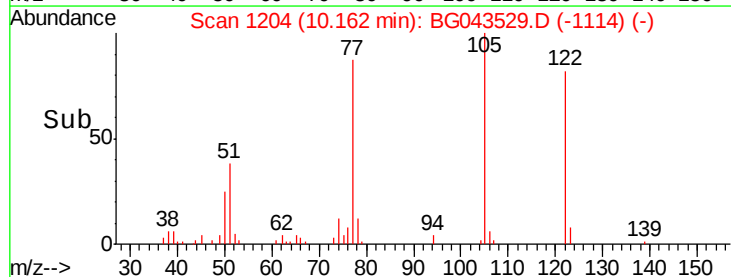
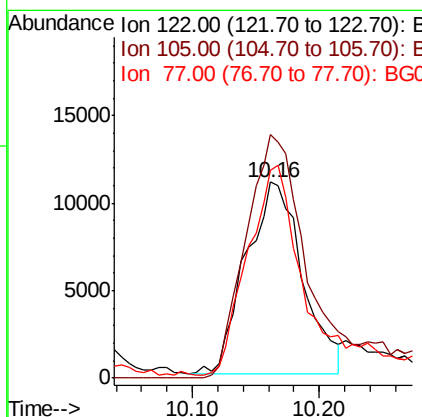
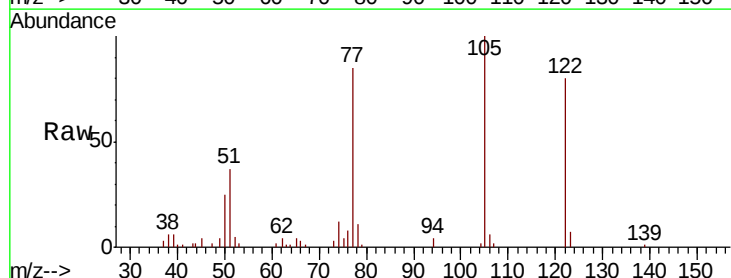
Instrument :
BNA_G
ClientSampleId :

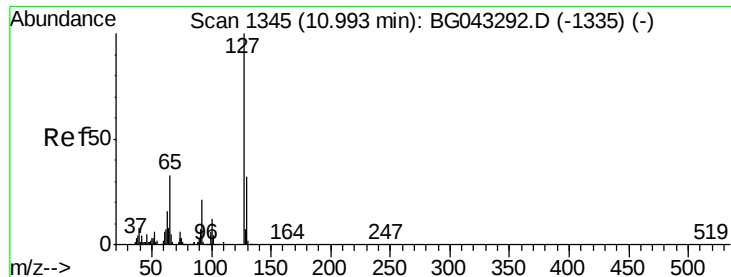
Tot Ion:128 Resp: 271562
Ion Ratio Lower Upper
128 100
129 10.1 9.4 14.0
127 13.5 11.1 16.7



#32
Benzoic acid
Concen: 33.103 ng
RT: 10.16 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BG043529.D
Acq: 6 Nov 2019 20:48

Tgt Ion:122 Resp: 34080
Ion Ratio Lower Upper
122 100
105 124.4 103.3 143.3
77 106.3 84.9 124.9

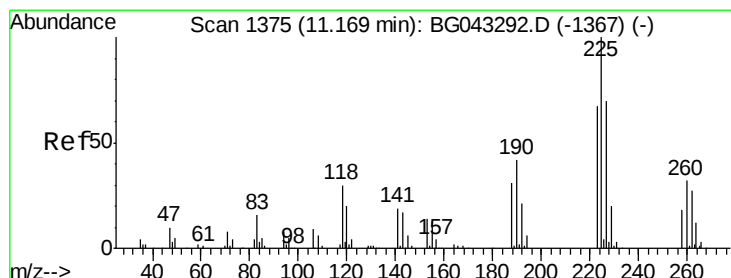
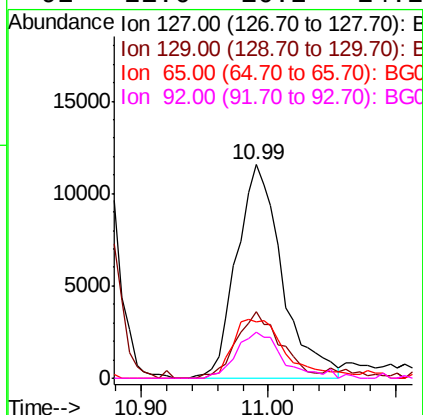
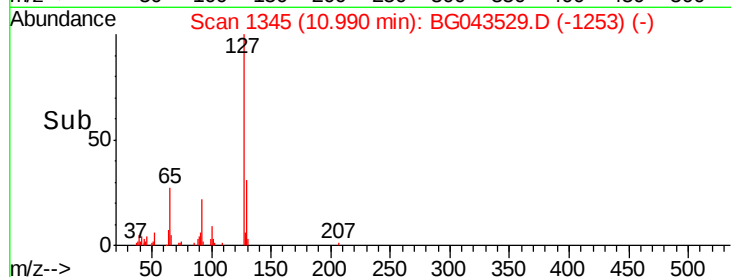
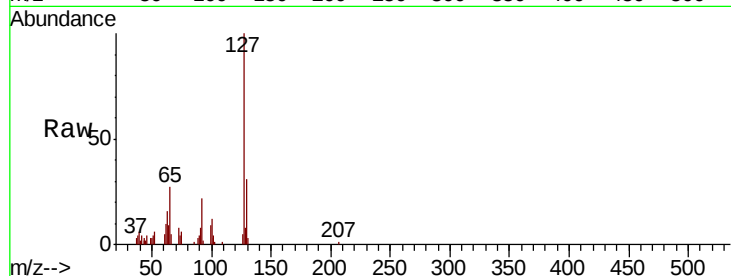




#33
4-Chloroaniline
Concen: 11.769 ng
RT: 10.99 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BG043529.D
Acq: 6 Nov 2019 20:48

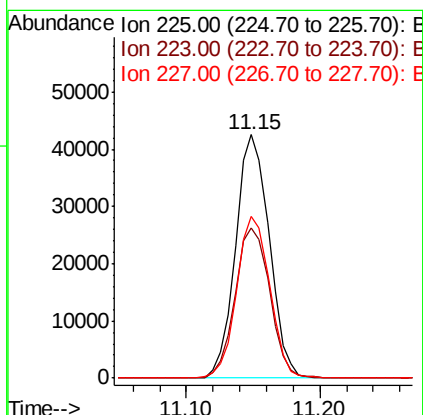
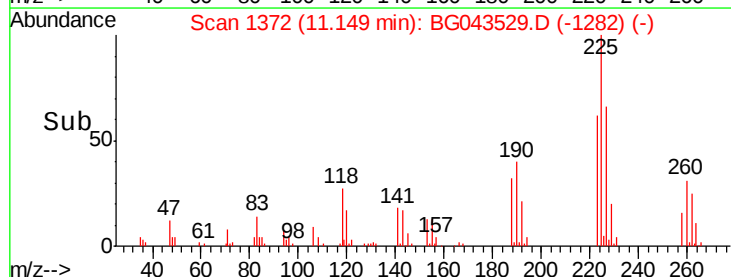
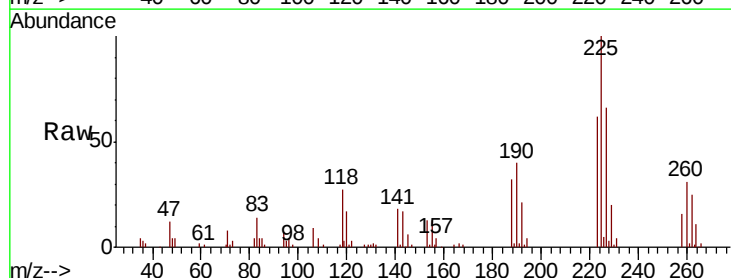
Instrument :
BNA_G
ClientSampleId :

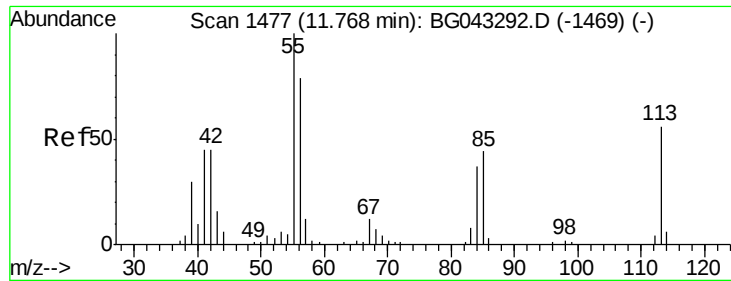
Tot Ion:	127	Resp:	28838
Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.5	39.7
65	26.6	26.4	39.6
92	21.6	16.2	24.2



#34
Hexachlorobutadiene
Concen: 41.388 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BG043529.D
Acq: 6 Nov 2019 20:48

Tgt Ion:	225	Resp:	74395
Ion	Ratio	Lower	Upper
225	100		
223	61.8	52.7	79.1
227	66.2	54.8	82.2





#35

Caprolactam

Concen: 28.271 ng

RT: 11.75 min Scan# 1474

Delta R.T. -0.00 min

Lab File: BG043529.D

Acq: 6 Nov 2019 20:48

Instrument :

BNA_G

ClientSampleId :

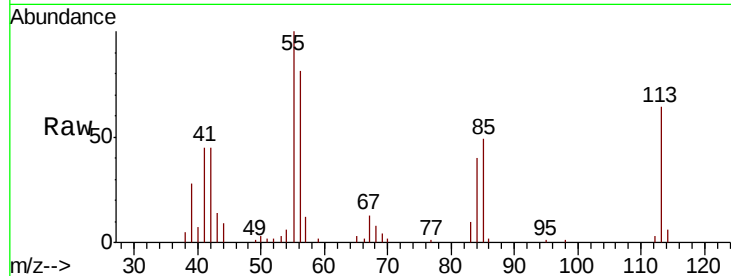
Tot Ion:113 Resp: 18785

Ion Ratio Lower Upper

113 100

55 155.3 134.1 174.1

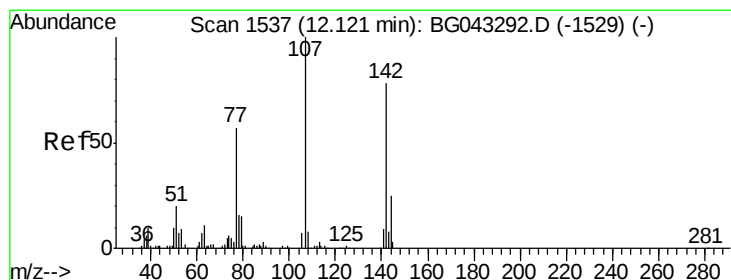
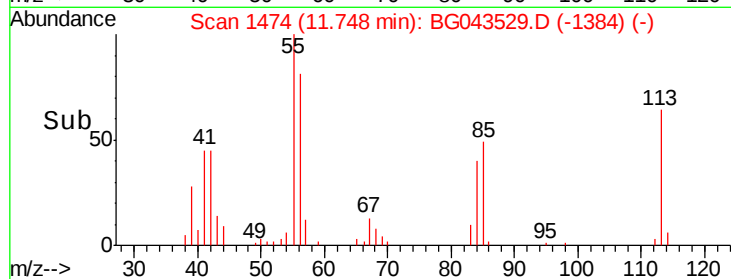
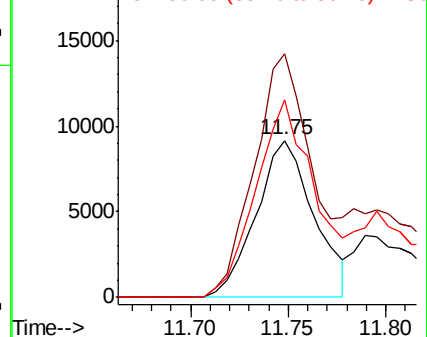
56 125.7 100.4 140.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 46.105 ng

RT: 12.11 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BG043529.D

Acq: 6 Nov 2019 20:48

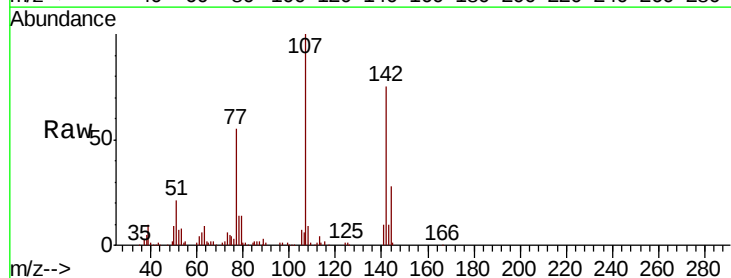
Tgt Ion:107 Resp: 97025

Ion Ratio Lower Upper

107 100

144 28.0 20.9 31.3

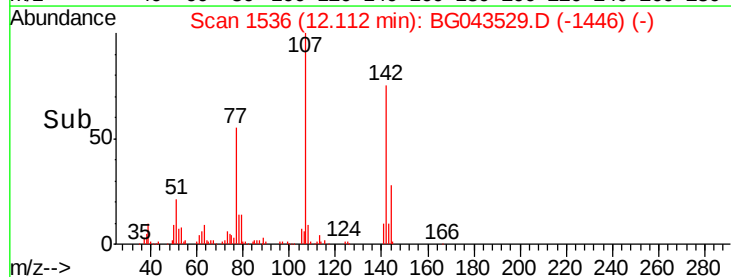
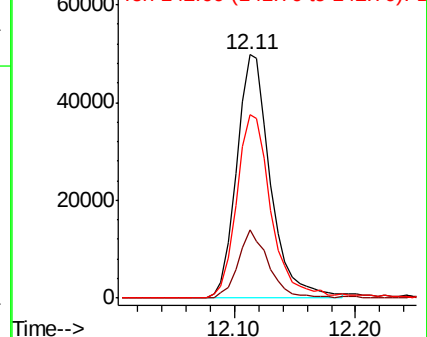
142 75.5 59.6 89.4

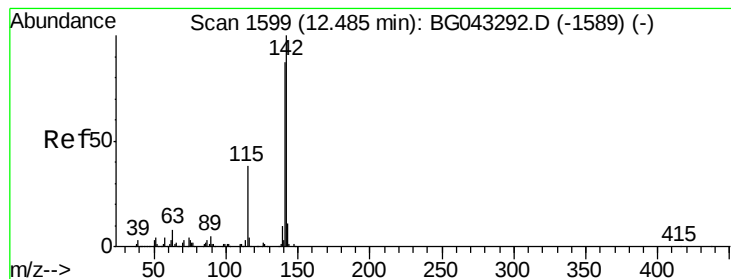


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 44.986 ng

RT: 12.47 min Scan# 1597

Delta R.T. 0.00 min

Lab File: BG043529.D

Acq: 6 Nov 2019 20:48

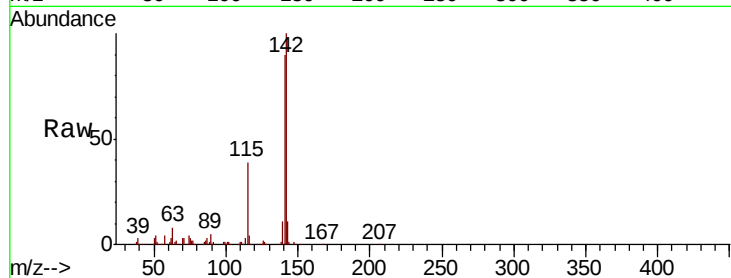
Instrument :

BNA_G

ClientSampleId :

Tot Ion:142 Resp: 206337

Ion	Ratio	Lower	Upper
142	100		
141	90.3	72.2	108.2
115	39.0	33.2	49.8

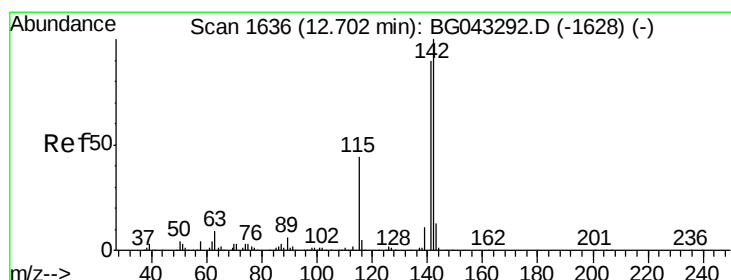
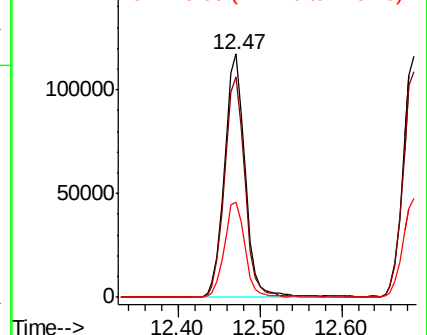
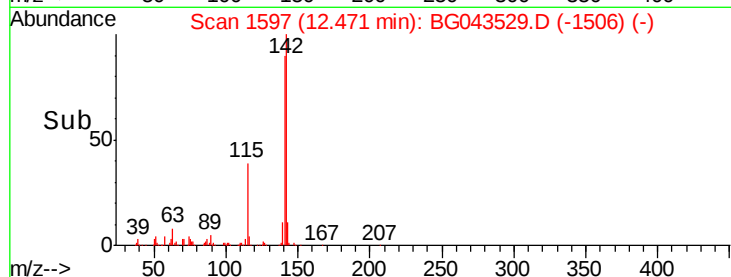


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 44.543 ng

RT: 12.69 min Scan# 1634

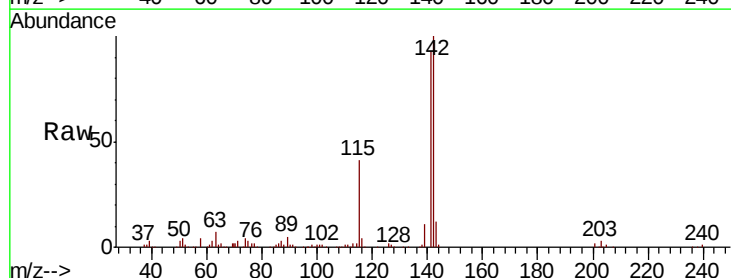
Delta R.T. -0.00 min

Lab File: BG043529.D

Acq: 6 Nov 2019 20:48

Tgt Ion:142 Resp: 194388

Ion	Ratio	Lower	Upper
142	100		
141	93.4	73.2	109.8
116	4.0	3.6	5.4

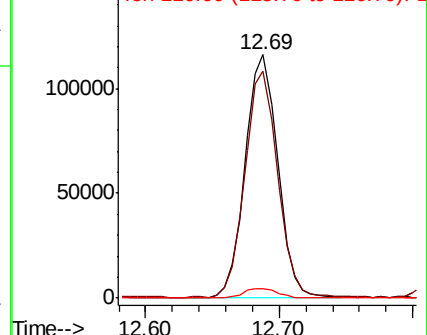
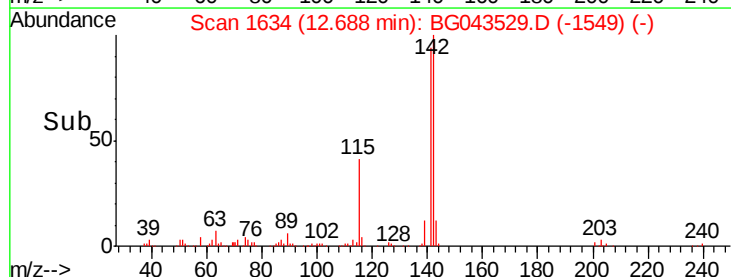


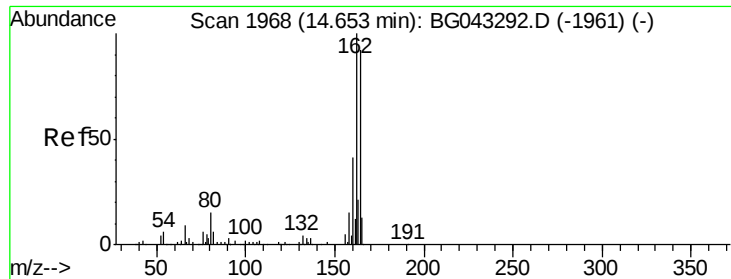
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

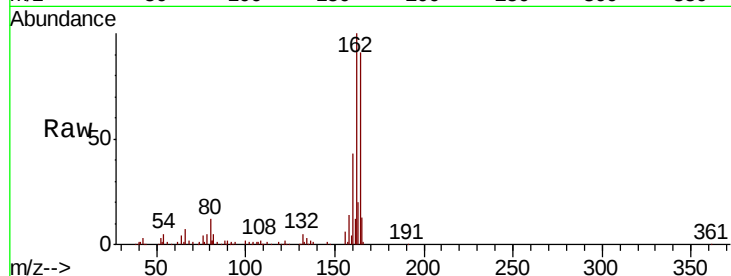




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BG043529.D
Acq: 6 Nov 2019 20:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	109.5	83.5	125.3
160	47.3	36.5	54.7

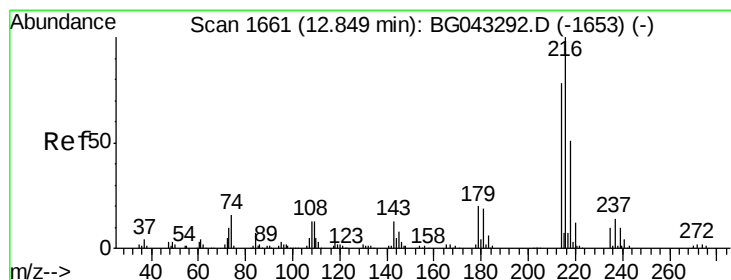
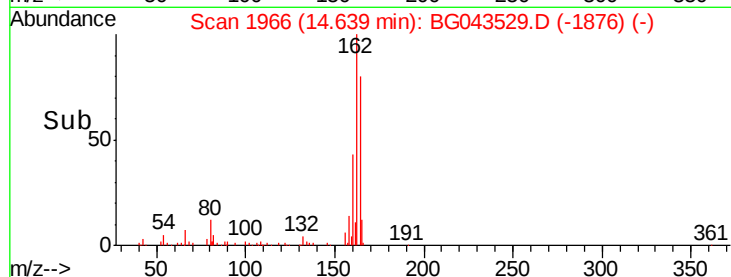
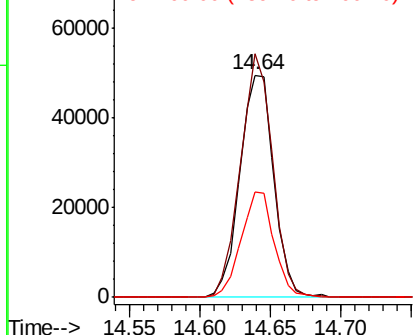


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.924 ng
RT: 12.84 min Scan# 1659
Delta R.T. -0.00 min
Lab File: BG043529.D
Acq: 6 Nov 2019 20:48

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.9	61.7	92.5
179	19.4	15.8	23.8
108	16.1	11.5	17.3

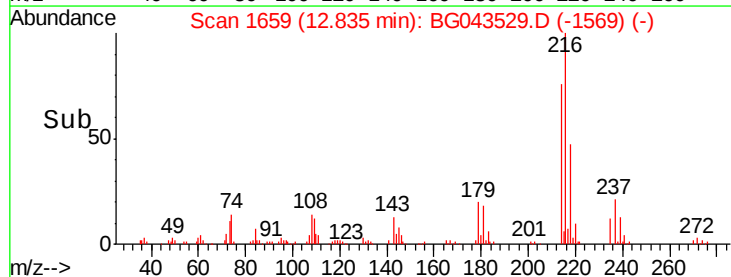
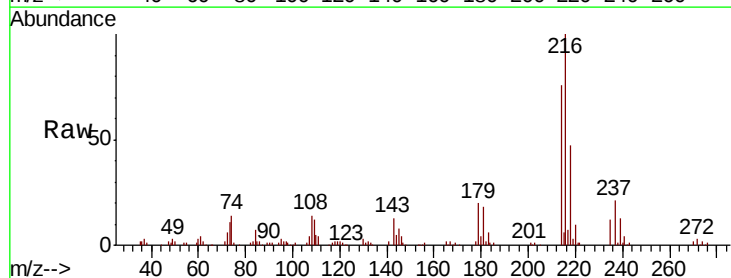
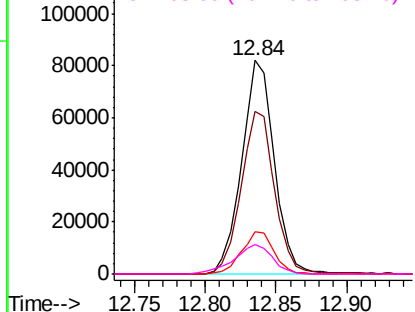
Abundance

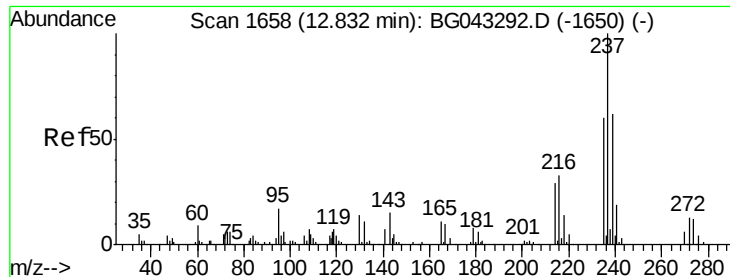
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 79.773 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BG043529.D

Acq: 6 Nov 2019 20:48

Instrument :

BNA_G

ClientSampleId :

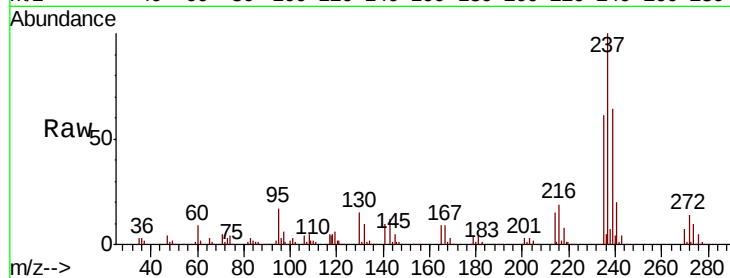
Tot Ion:237 Resp: 129264

Ion Ratio Lower Upper

237 100

235 60.6 41.6 81.6

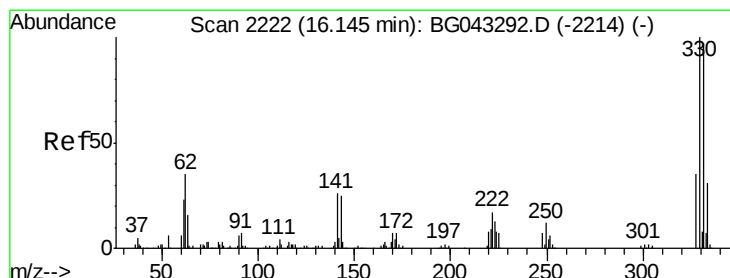
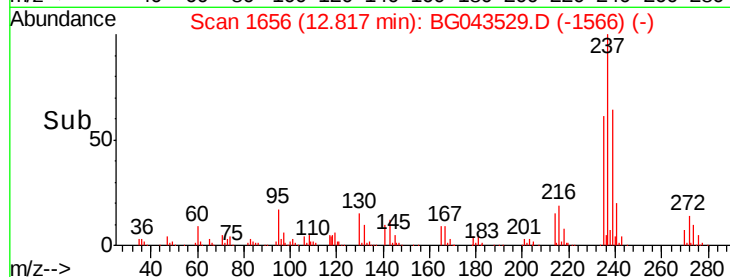
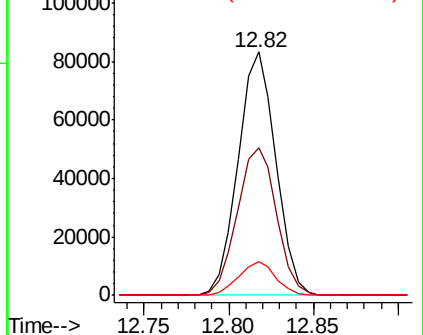
272 13.8 0.0 32.5



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 112.234 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.00 min

Lab File: BG043529.D

Acq: 6 Nov 2019 20:48

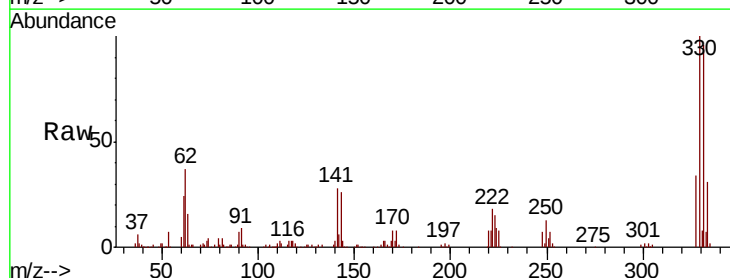
Tgt Ion:330 Resp: 178021

Ion Ratio Lower Upper

330 100

332 96.3 77.4 116.0

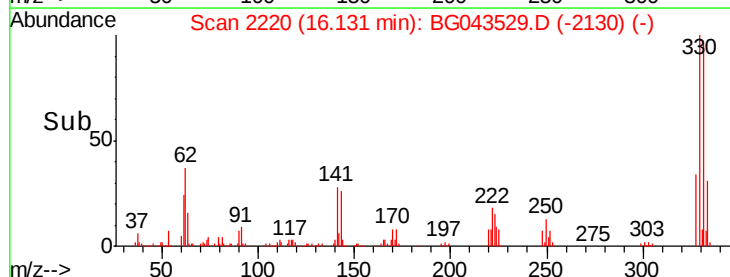
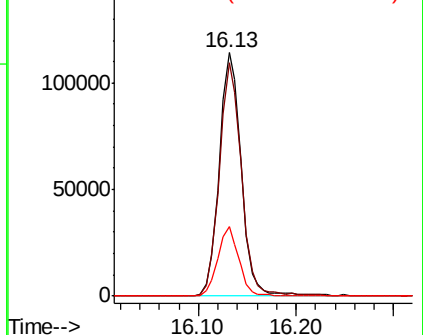
141 27.9 22.8 34.2

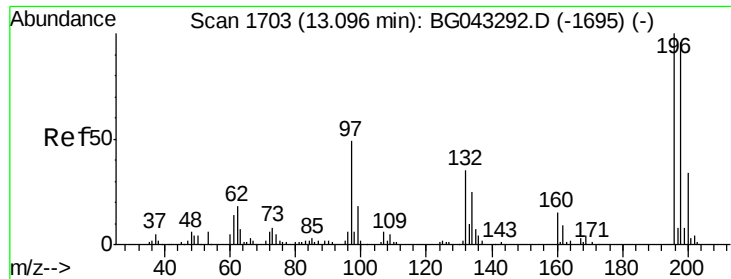


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

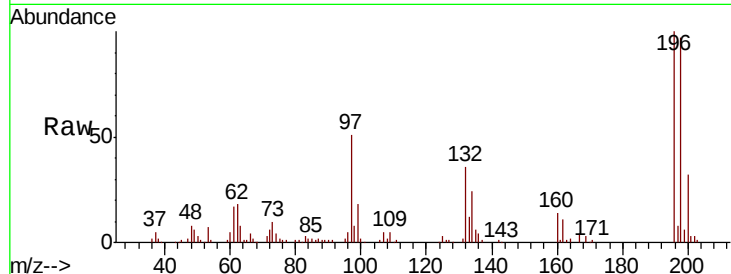




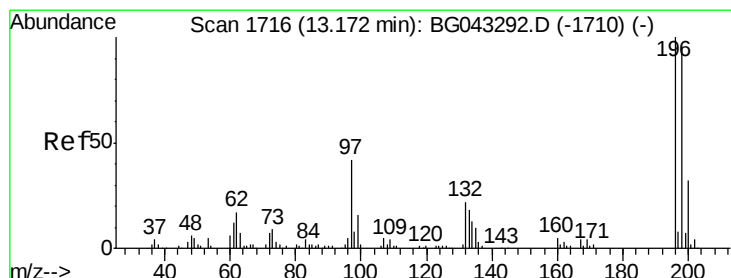
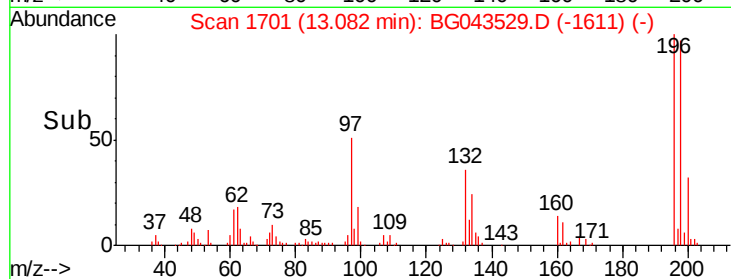
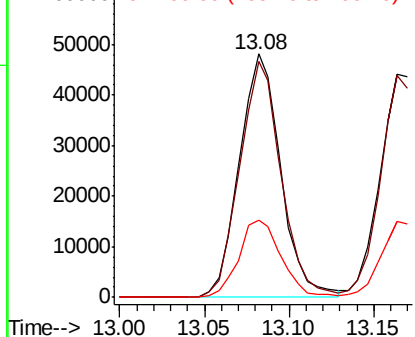
#43
 2,4,6-Trichlorophenol
 Concen: 45.114 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG043529.D
 Acq: 6 Nov 2019 20:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 81954
 Ion Ratio Lower Upper
 196 100
 198 97.2 75.8 113.6
 200 31.6 23.9 35.9



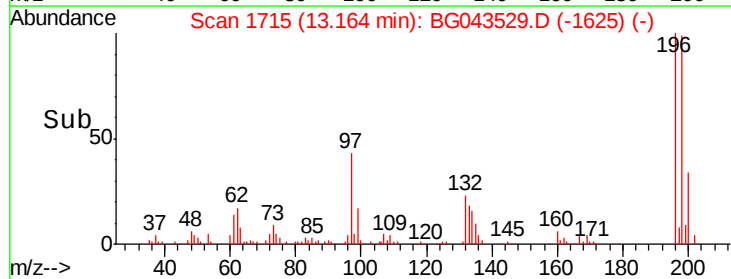
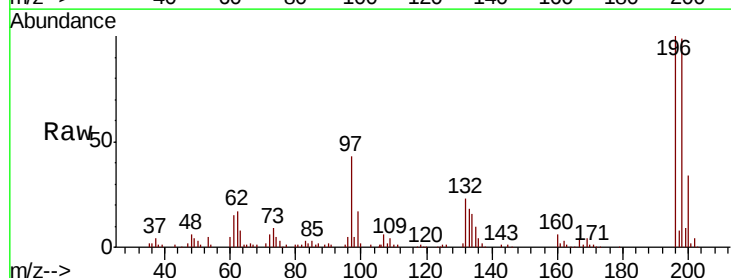
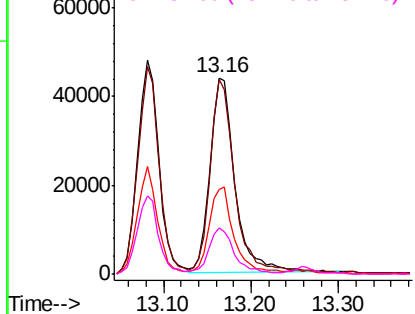
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

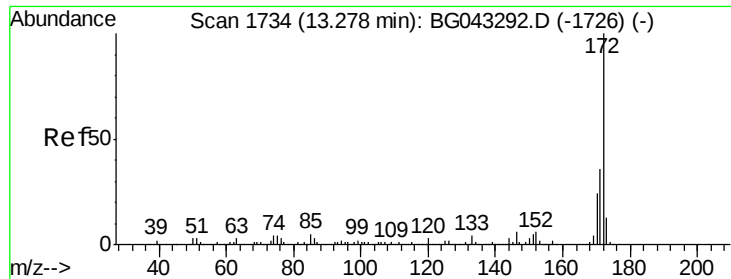


#44
 2,4,5-Trichlorophenol
 Concen: 47.871 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG043529.D
 Acq: 6 Nov 2019 20:48

Tgt Ion:196 Resp: 87916
 Ion Ratio Lower Upper
 196 100
 198 99.0 74.5 111.7
 97 42.9 36.3 54.5
 132 23.4 17.4 26.2

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

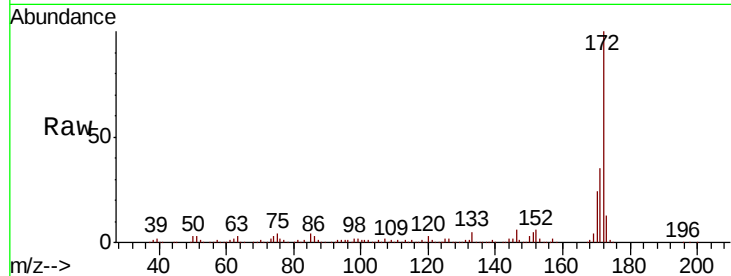




#45
 2-Fluorobiphenyl
 Concen: 73.846 ng
 RT: 13.26 min Scan# 1732
 Delta R.T. -0.00 min
 Lab File: BG043529.D
 Acq: 6 Nov 2019 20:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.9	43.3
170	23.6	18.5	27.7

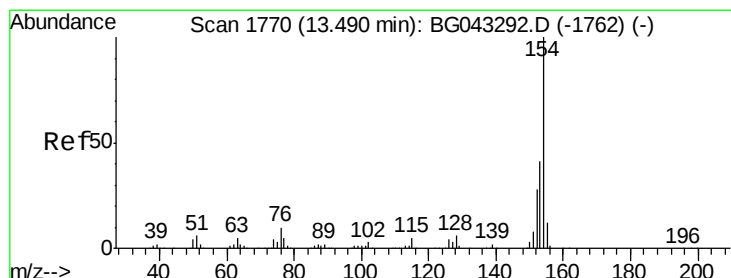
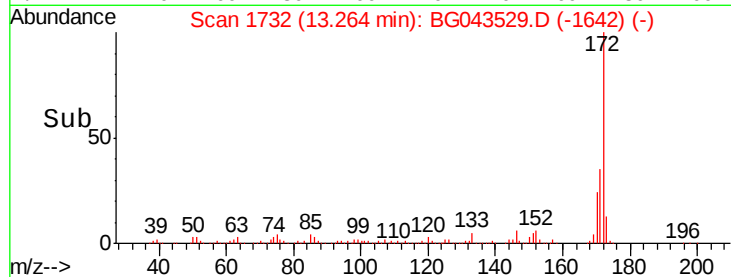
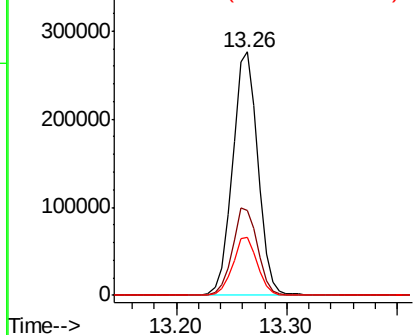


Abundance

Ion 172.00 (171.70 to 172.70): E

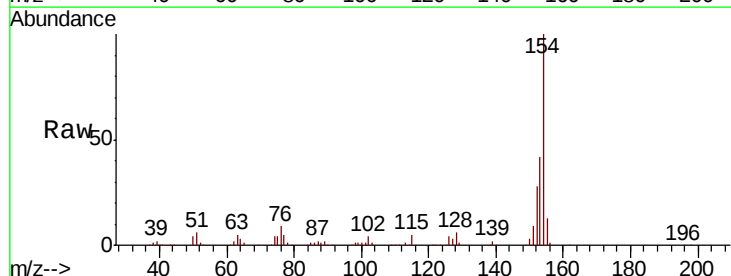
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
 1,1'-Biphenyl
 Concen: 43.159 ng
 RT: 13.48 min Scan# 1768
 Delta R.T. -0.00 min
 Lab File: BG043529.D
 Acq: 6 Nov 2019 20:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	19.9	59.9
76	9.5	0.0	29.4

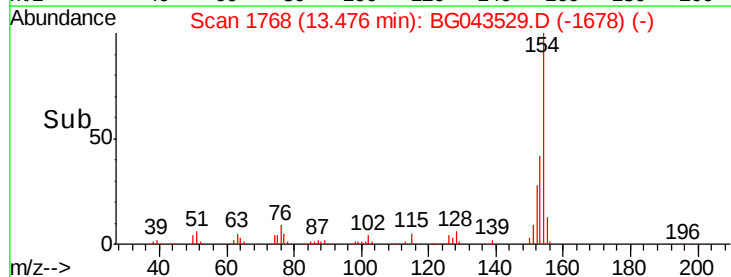
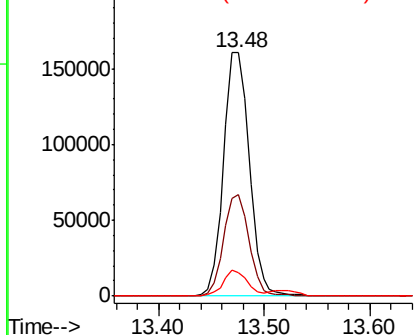


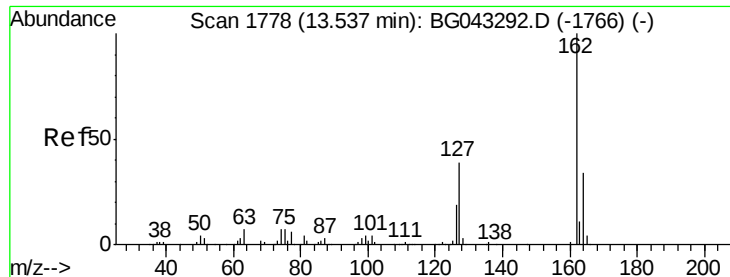
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





#47

2-Chloronaphthalene

Concen: 44.266 ng

RT: 13.52 min Scan# 1775

Delta R.T. -0.00 min

Lab File: BG043529.D

Acq: 6 Nov 2019 20:48

Instrument :

BNA_G

ClientSampleId :

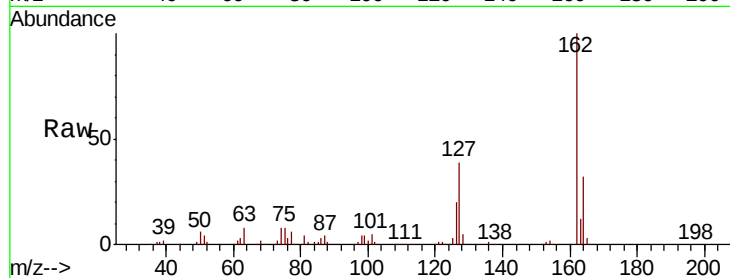
Tot Ion:162 Resp: 213565

Ion Ratio Lower Upper

162 100

127 38.9 31.2 46.8

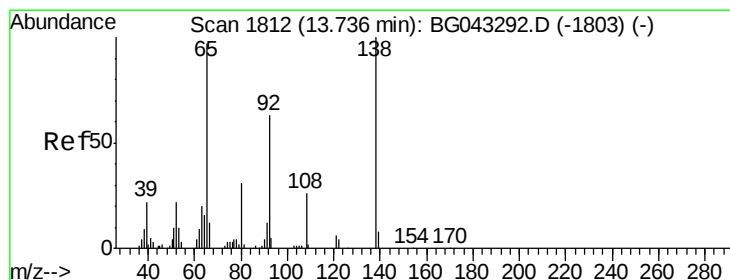
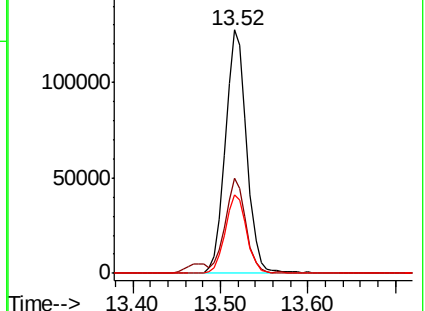
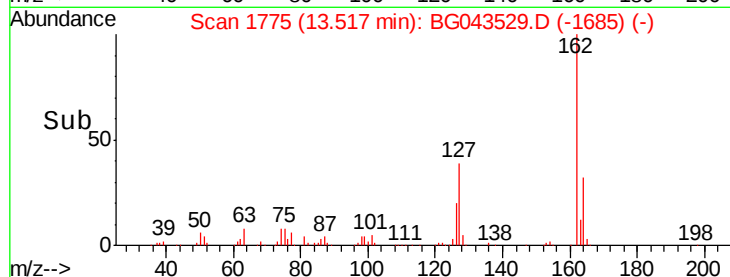
164 32.2 25.8 38.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 44.861 ng

RT: 13.72 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BG043529.D

Acq: 6 Nov 2019 20:48

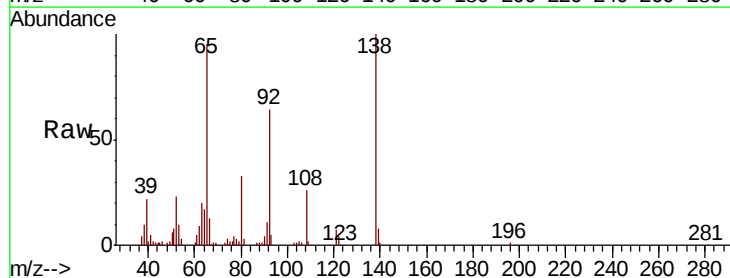
Tgt Ion: 65 Resp: 64687

Ion Ratio Lower Upper

65 100

92 66.9 56.2 84.2

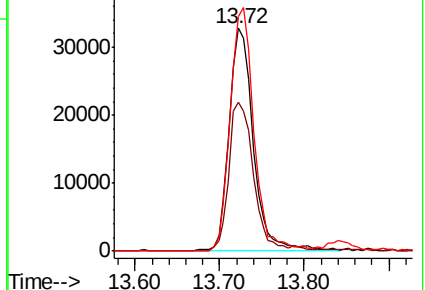
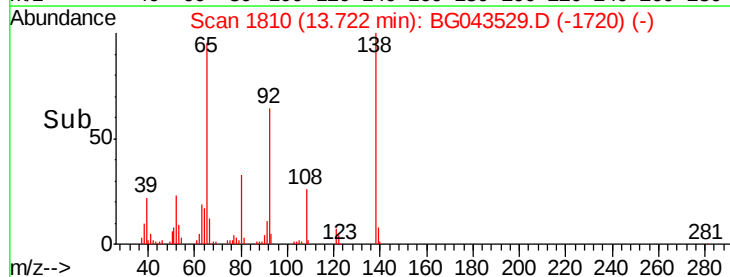
138 105.4 82.6 123.8

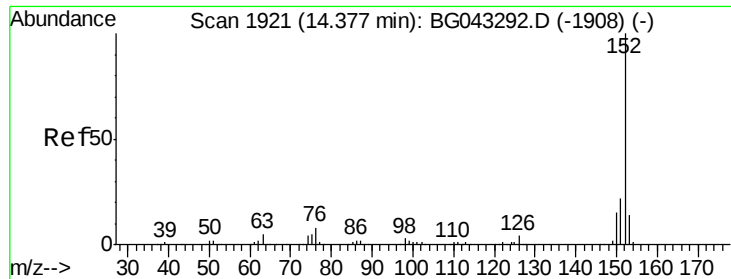


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 46.231 ng

RT: 14.36 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BG043529.D

Acq: 6 Nov 2019 20:48

Instrument :

BNA_G

ClientSampleId :

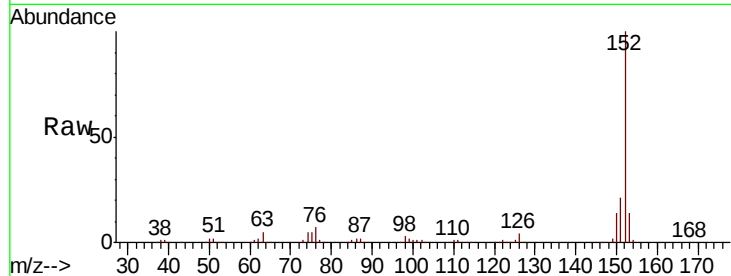
Tot Ion:152 Resp: 347132

Ion Ratio Lower Upper

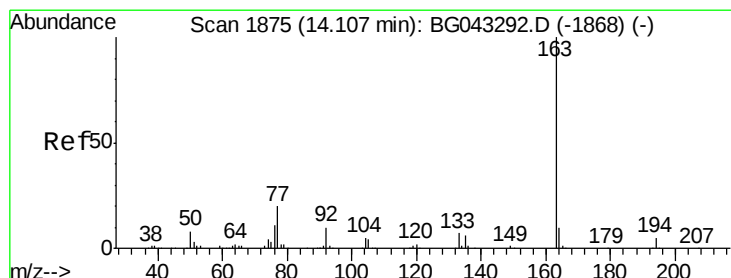
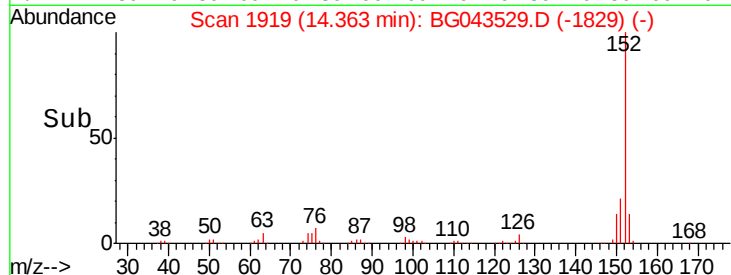
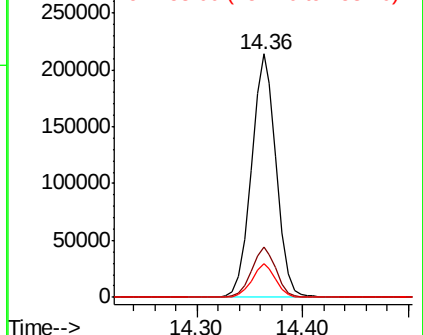
152 100

151 20.7 16.2 24.4

153 13.7 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 56.450 ng

RT: 14.09 min Scan# 1873

Delta R.T. -0.00 min

Lab File: BG043529.D

Acq: 6 Nov 2019 20:48

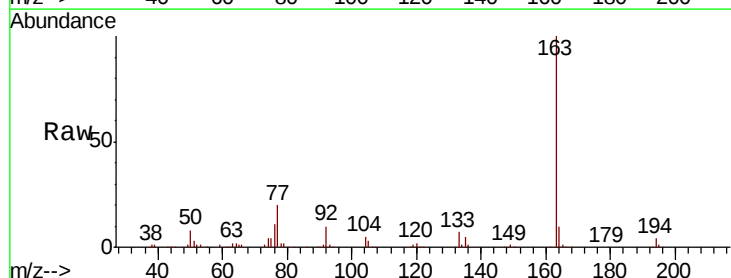
Tgt Ion:163 Resp: 364446

Ion Ratio Lower Upper

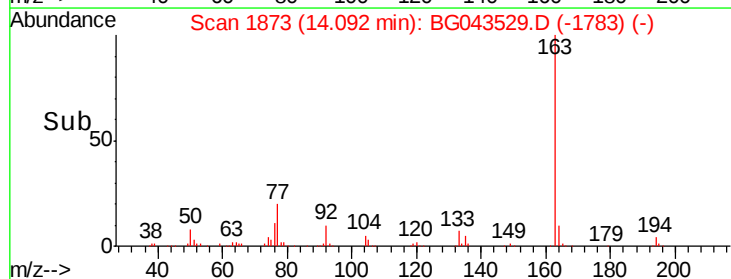
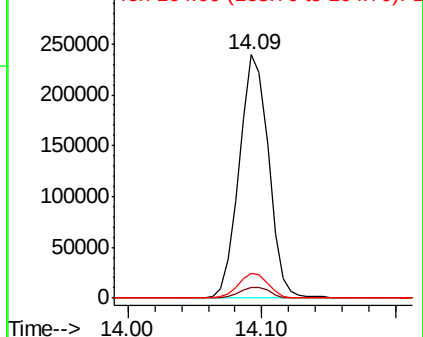
163 100

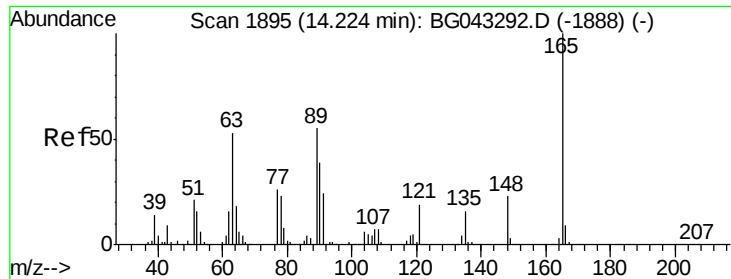
194 4.4 3.8 5.6

164 10.3 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

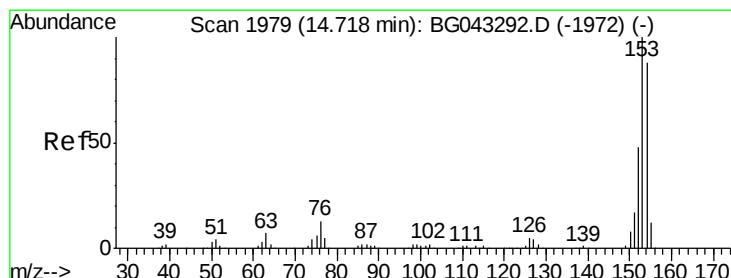
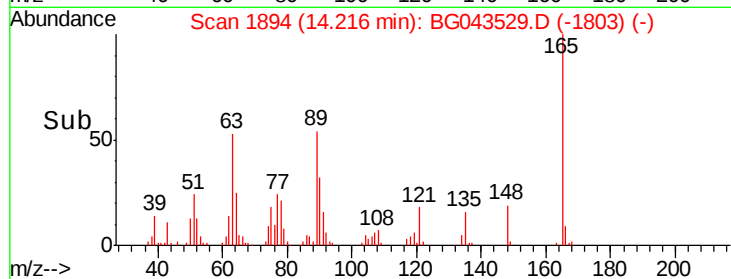
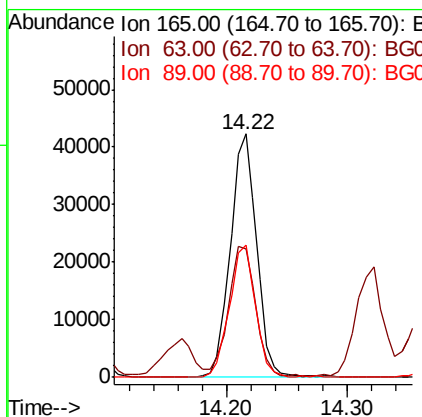
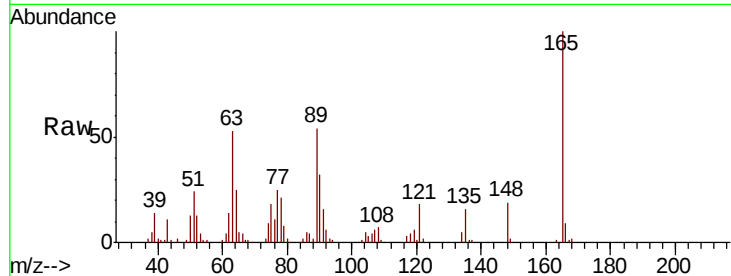




#51
 2,6-Dinitrotoluene
 Concen: 45.597 ng
 RT: 14.22 min Scan# 1894
 Delta R.T. 0.00 min
 Lab File: BG043529.D
 Acq: 6 Nov 2019 20:48

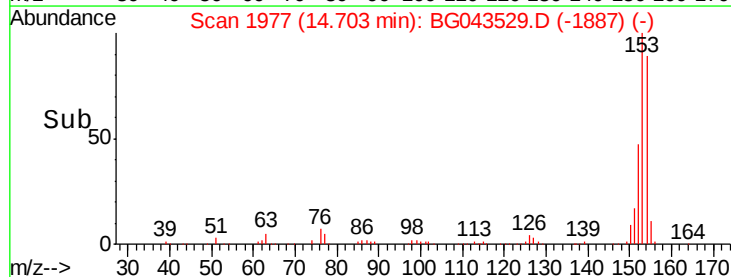
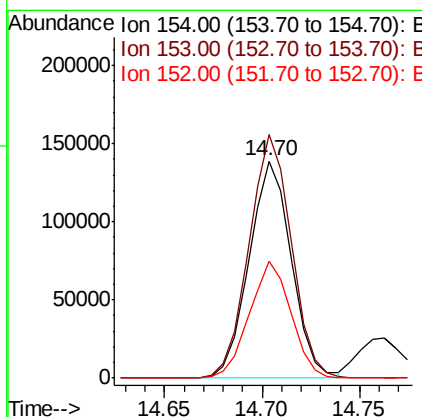
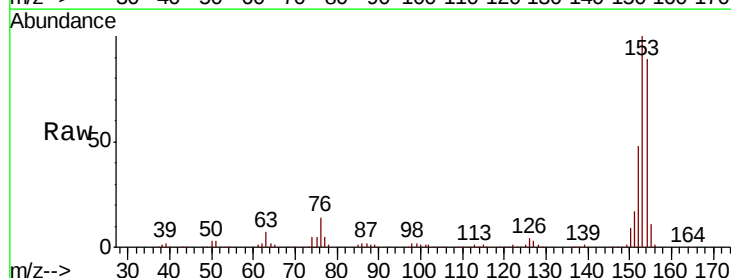
Instrument :
 BNA_G
 ClientSampled :

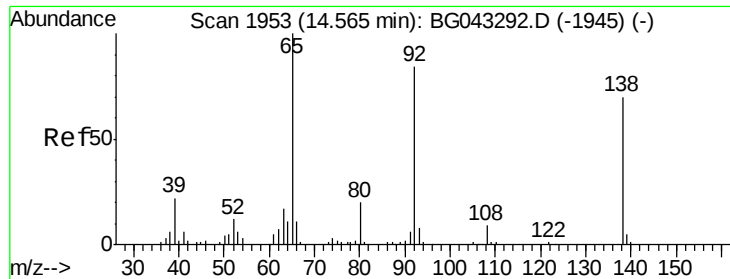
Tot Ion:165 Resp: 63952
 Ion Ratio Lower Upper
 165 100
 63 52.6 46.6 69.8
 89 54.2 45.1 67.7



#52
 Acenaphthene
 Concen: 45.403 ng
 RT: 14.70 min Scan# 1977
 Delta R.T. -0.00 min
 Lab File: BG043529.D
 Acq: 6 Nov 2019 20:48

Tgt Ion:154 Resp: 207901
 Ion Ratio Lower Upper
 154 100
 153 112.1 88.2 132.2
 152 53.6 40.0 60.0





#53

3-Nitroaniline

Concen: 18.155 ng

RT: 14.56 min Scan# 1952

Delta R.T. 0.00 min

Lab File: BG043529.D

Acq: 6 Nov 2019 20:48

Instrument :

BNA_G

ClientSampleId :

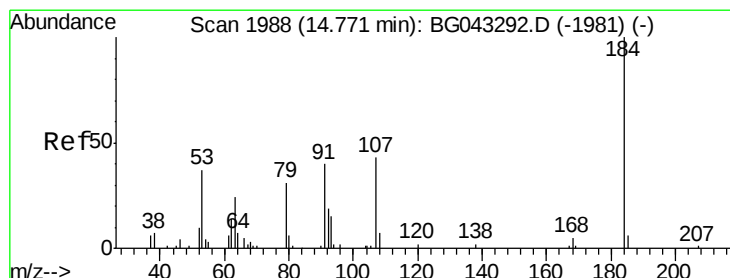
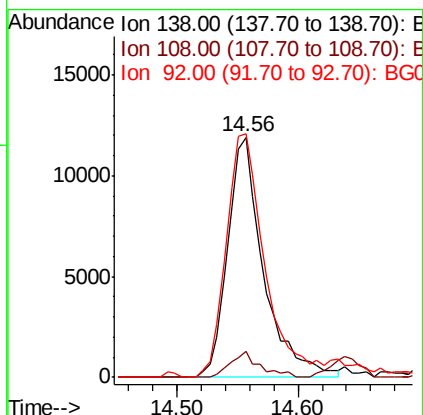
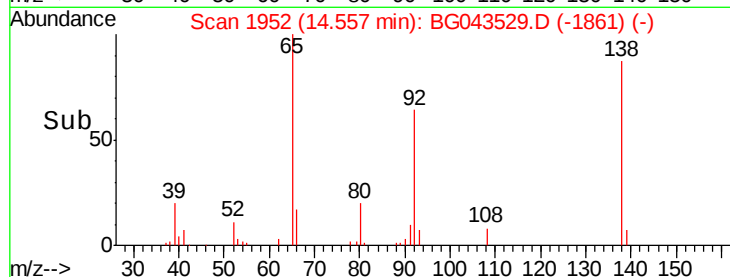
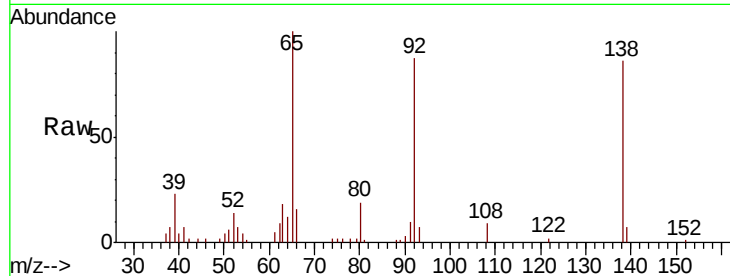
Tot Ion:138 Resp: 24585

Ion Ratio Lower Upper

138 100

108 10.9 8.0 12.0

92 101.4 90.9 136.3



#54

2,4-Dinitrophenol

Concen: 83.877 ng

RT: 14.76 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BG043529.D

Acq: 6 Nov 2019 20:48

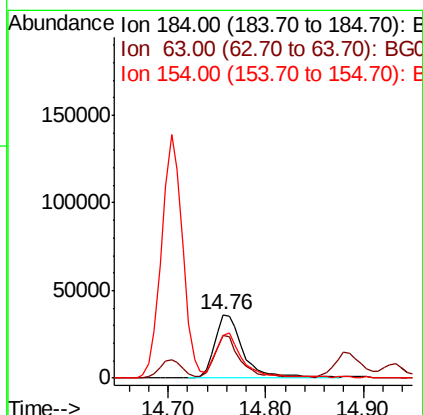
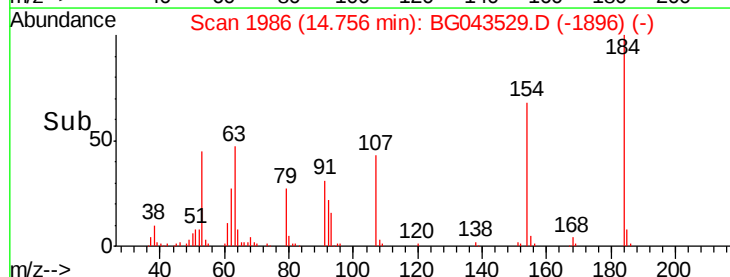
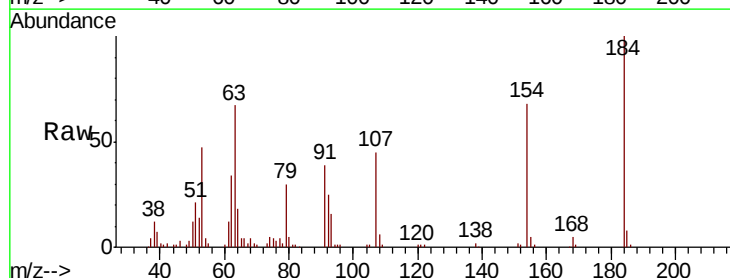
Tgt Ion:184 Resp: 73802

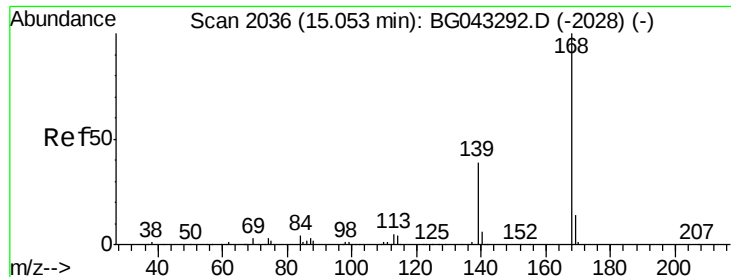
Ion Ratio Lower Upper

184 100

63 67.4 51.3 76.9

154 68.0 55.4 83.0





#55

Dibenzofuran

Concen: 45.864 ng

RT: 15.04 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BG043529.D

Acq: 6 Nov 2019 20:48

Instrument :

BNA_G

ClientSampled :

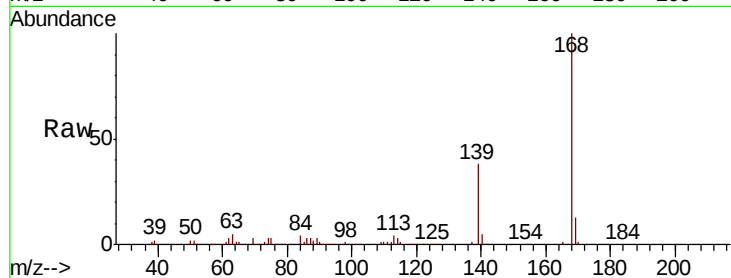
Tot Ion:168 Resp: 340572

Ion Ratio Lower Upper

168 100

139 37.9 31.0 46.6

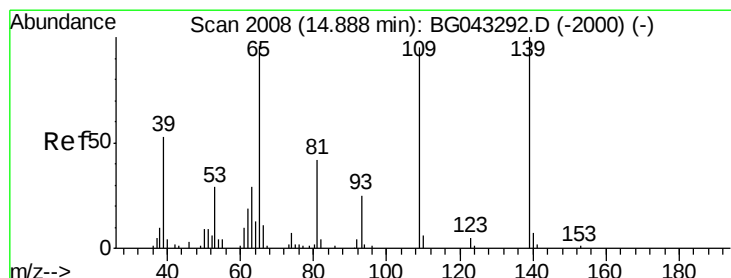
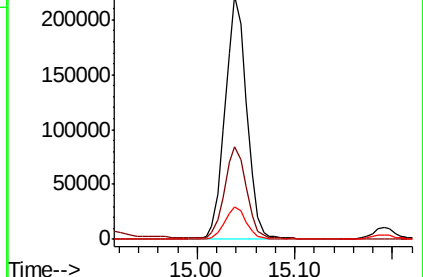
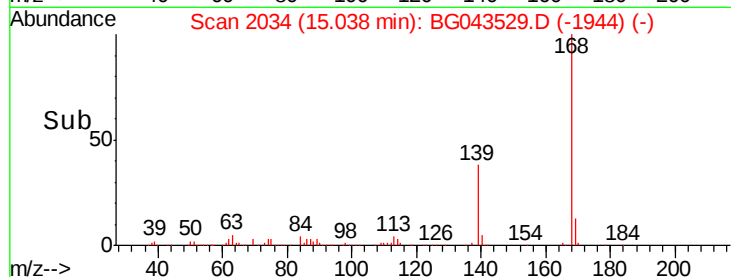
169 13.4 11.7 17.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 101.197 ng

RT: 14.89 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BG043529.D

Acq: 6 Nov 2019 20:48

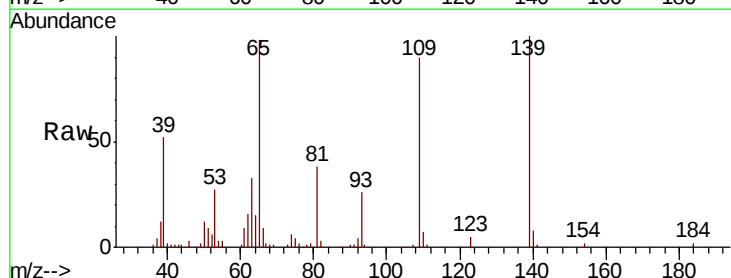
Tgt Ion:139 Resp: 91832

Ion Ratio Lower Upper

139 100

109 89.9 87.2 127.2

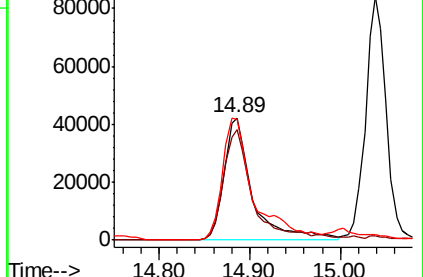
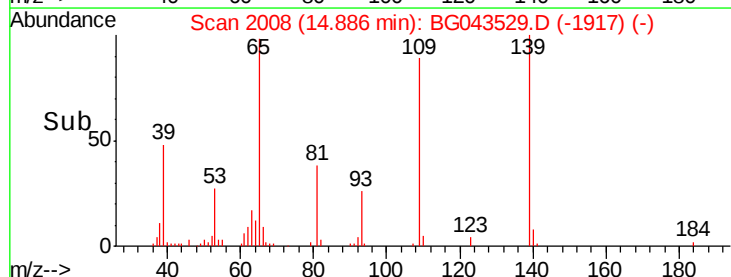
65 98.3 83.8 123.8

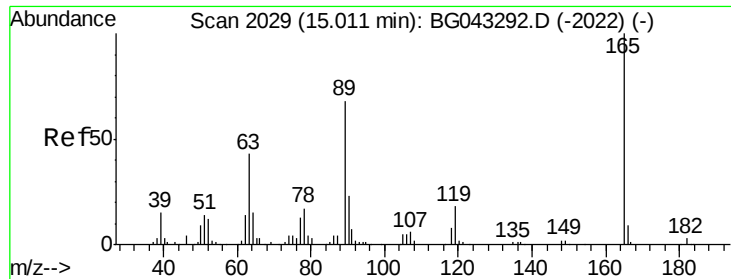


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

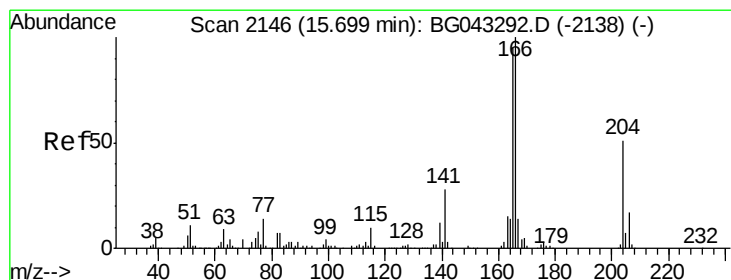
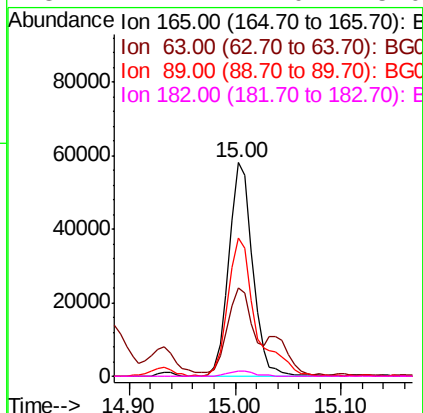
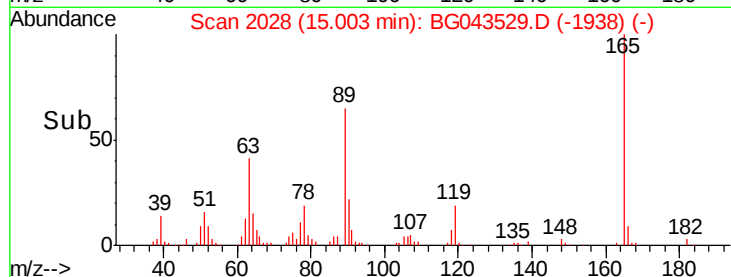
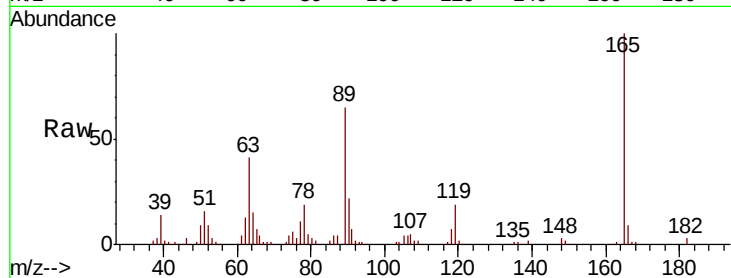




#57
2,4-Dinitrotoluene
Concen: 44.891 ng
RT: 15.00 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BG043529.D
Acq: 6 Nov 2019 20:48

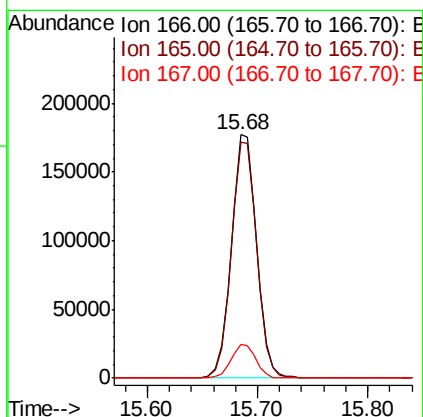
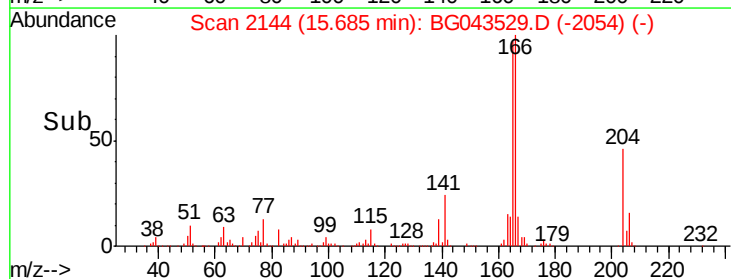
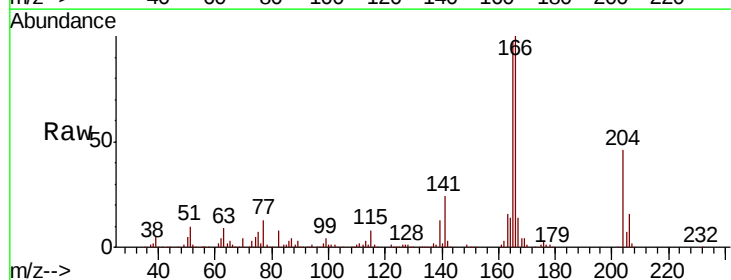
Instrument :
BNA_G
ClientSampleId :

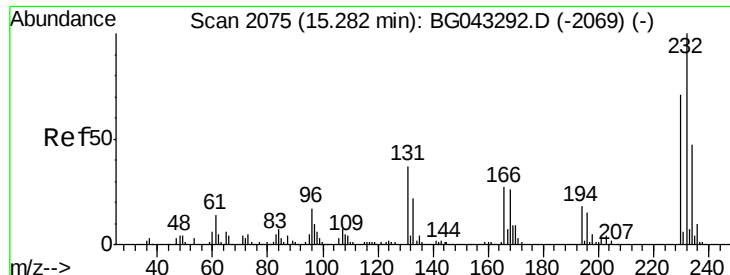
Tot Ion:165 Resp: 89980
Ion Ratio Lower Upper
165 100
63 41.4 33.2 49.8
89 64.6 52.2 78.4
182 2.7 2.0 3.0



#58
Fluorene
Concen: 45.525 ng
RT: 15.68 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG043529.D
Acq: 6 Nov 2019 20:48

Tgt Ion:166 Resp: 283530
Ion Ratio Lower Upper
166 100
165 96.9 79.0 118.6
167 13.6 10.5 15.7

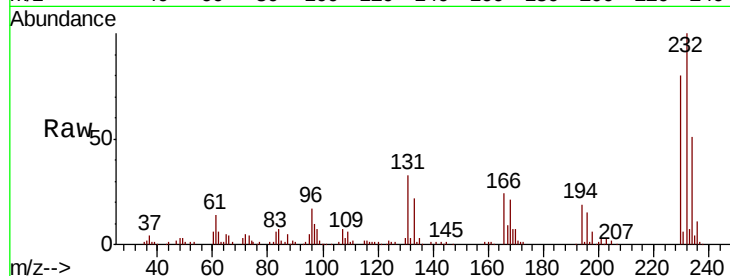




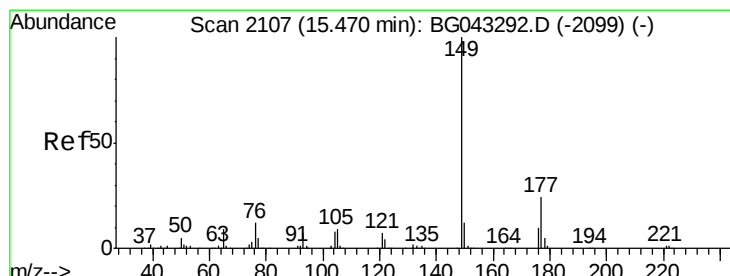
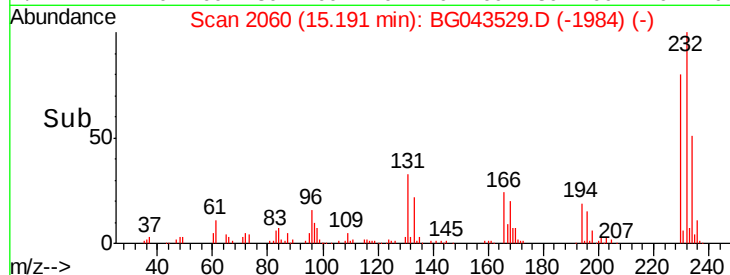
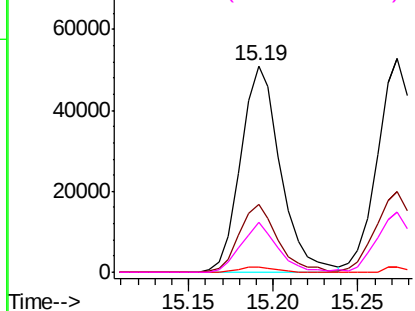
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.694 ng
 RT: 15.19 min Scan# 2060
 Delta R.T. -0.08 min
 Lab File: BG043529.D
 Acq: 6 Nov 2019 20:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	83306
Ion	Ratio	Lower	Upper
232	100		
131	31.8	26.9	40.3
130	2.2	1.8	2.6
166	22.3	20.9	31.3

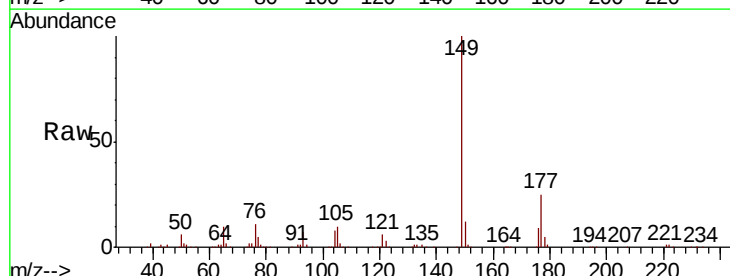


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

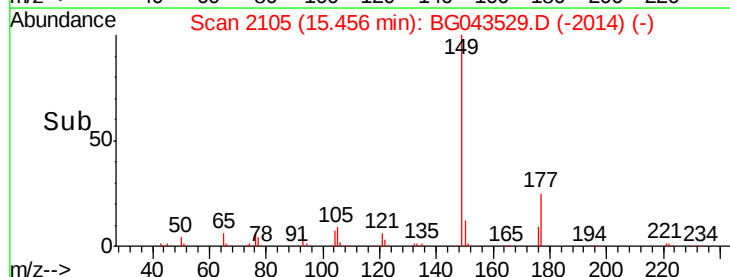
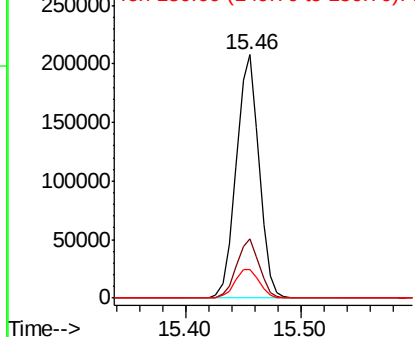


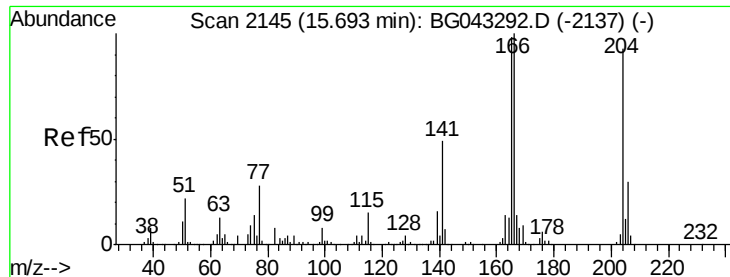
#60
 Diethylphthalate
 Concen: 43.720 ng
 RT: 15.46 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BG043529.D
 Acq: 6 Nov 2019 20:48

Tgt Ion:	149	Resp:	283607
Ion	Ratio	Lower	Upper
149	100		
177	24.5	19.6	29.4
150	11.9	10.8	16.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

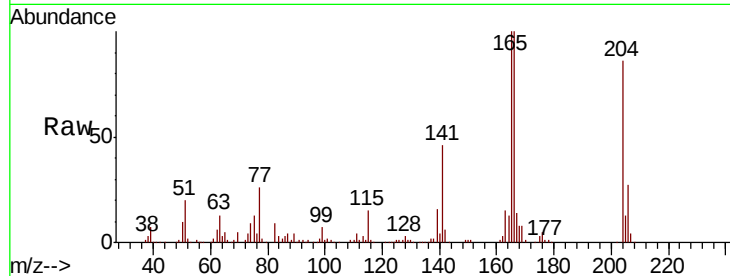




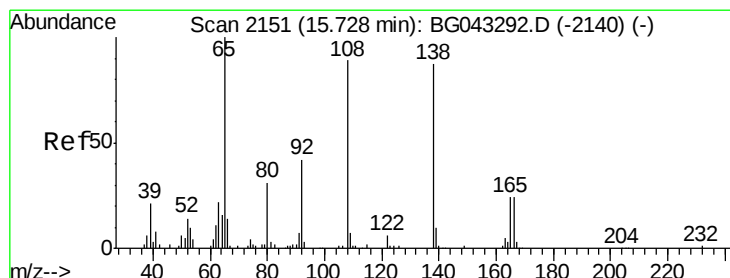
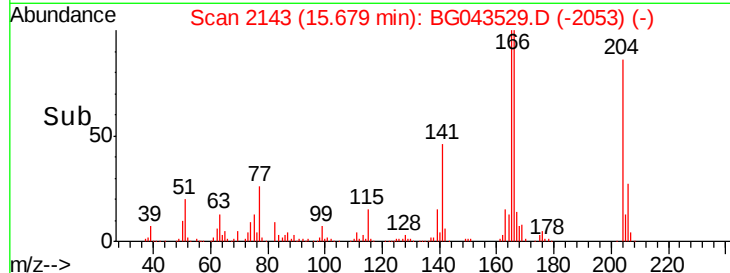
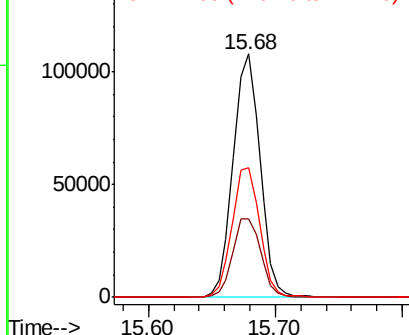
#61
4-Chlorophenyl-phenylether
Concen: 43.752 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BG043529.D
Acq: 6 Nov 2019 20:48

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 158962
Ion Ratio Lower Upper
204 100
206 32.0 28.4 42.6
141 53.3 43.0 64.6

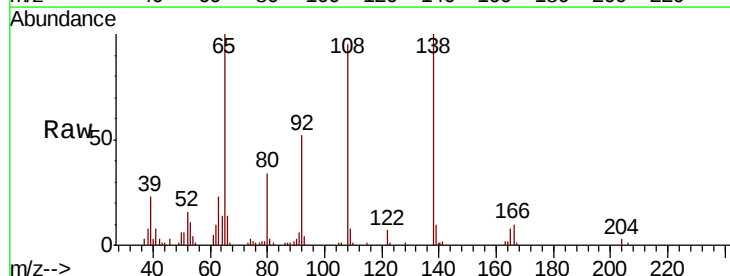


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

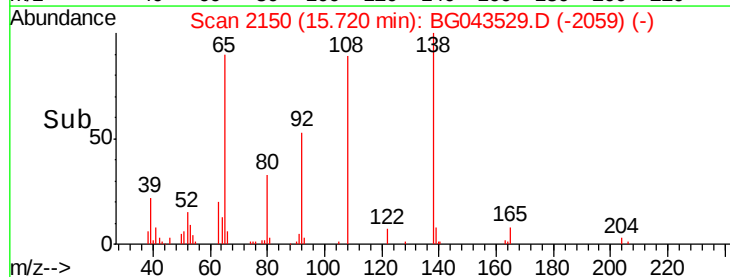
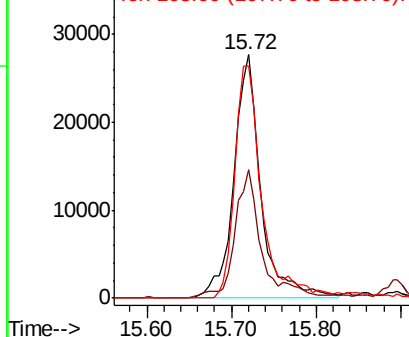


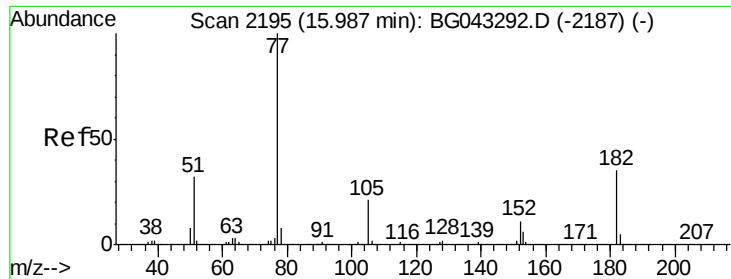
#62
4-Nitroaniline
Concen: 43.541 ng
RT: 15.72 min Scan# 2150
Delta R.T. 0.00 min
Lab File: BG043529.D
Acq: 6 Nov 2019 20:48

Tgt Ion:138 Resp: 60892
Ion Ratio Lower Upper
138 100
92 52.6 33.4 73.4
108 95.3 78.0 118.0



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 45.788 ng

RT: 15.97 min Scan# 2193

Delta R.T. -0.00 min

Lab File: BG043529.D

Acq: 6 Nov 2019 20:48

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 240385

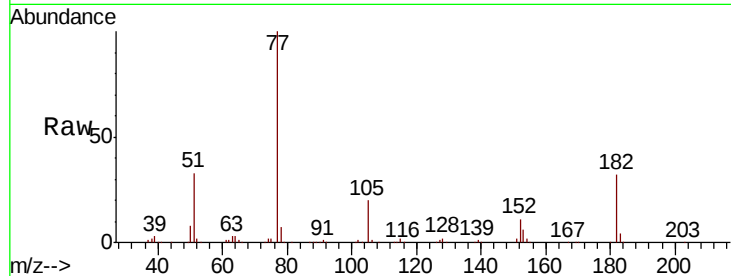
Ion Ratio Lower Upper

77 100

182 32.1 13.7 53.7

105 20.3 0.4 40.4

51 32.8 11.0 51.0

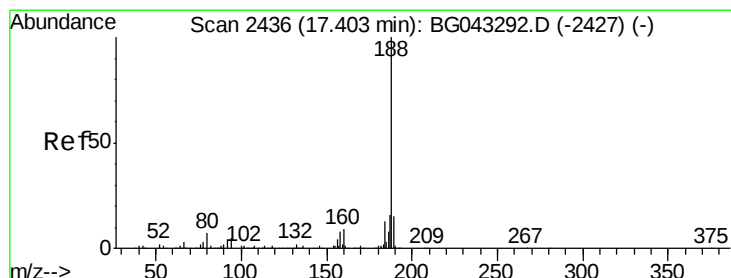
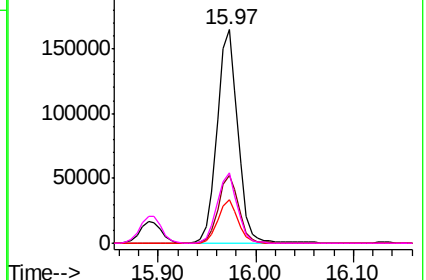
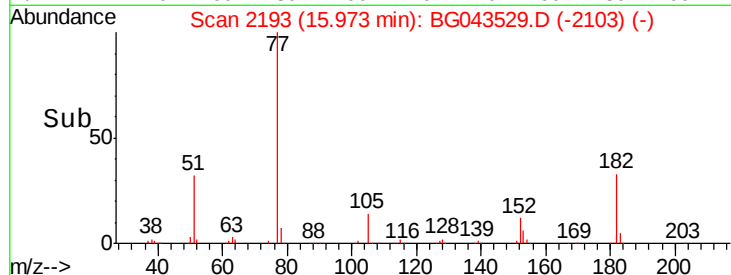


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2434

Delta R.T. -0.00 min

Lab File: BG043529.D

Acq: 6 Nov 2019 20:48

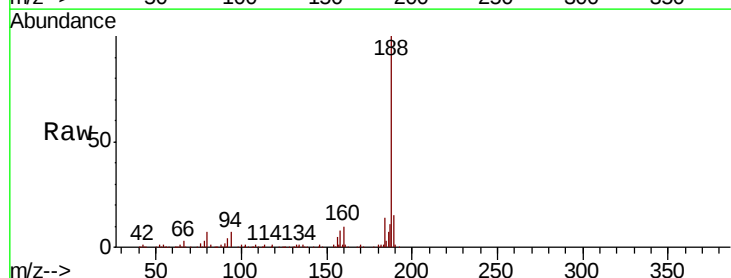
Tgt Ion: 188 Resp: 202981

Ion Ratio Lower Upper

188 100

94 6.7 4.2 6.4#

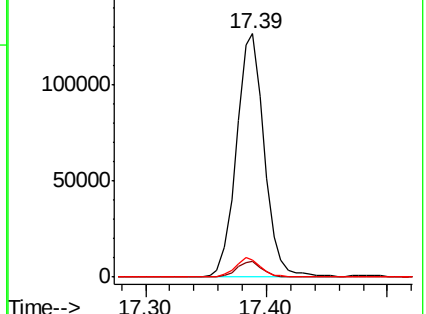
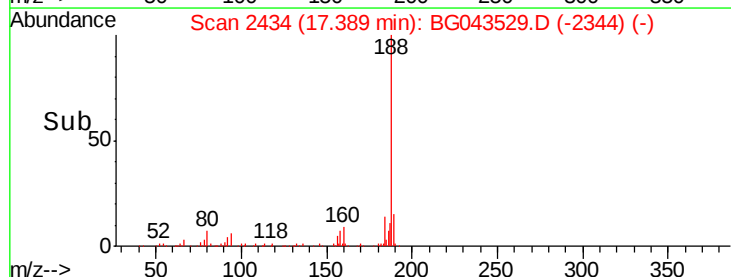
80 7.2 4.5 6.7#

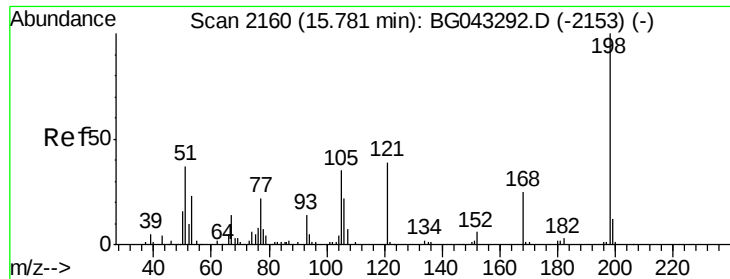


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 49.538 ng

RT: 15.77 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BG043529.D

Acq: 6 Nov 2019 20:48

Instrument :

BNA_G

ClientSampled :

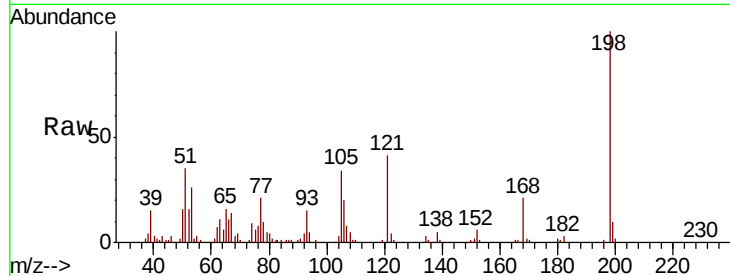
Tot Ion:198 Resp: 59176

Ion	Ratio	Lower	Upper
198	100		
51	35.1	13.2	53.2
105	34.0	15.8	55.8

198 100

51 35.1 13.2 53.2

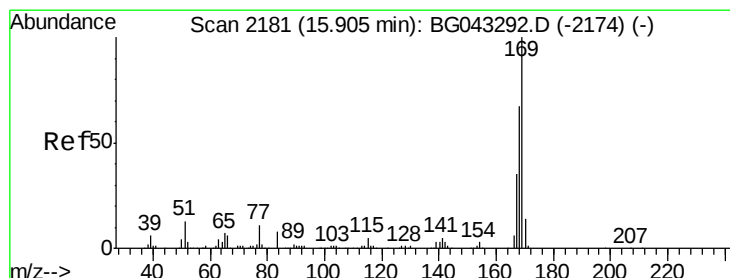
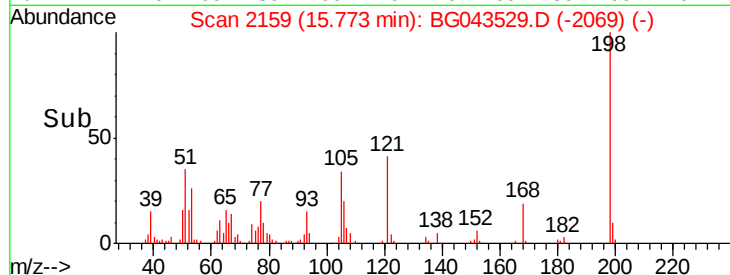
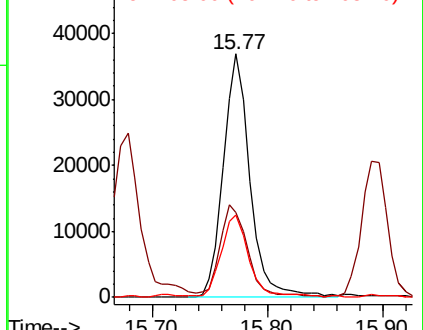
105 34.0 15.8 55.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.865 ng

RT: 15.90 min Scan# 2180

Delta R.T. 0.00 min

Lab File: BG043529.D

Acq: 6 Nov 2019 20:48

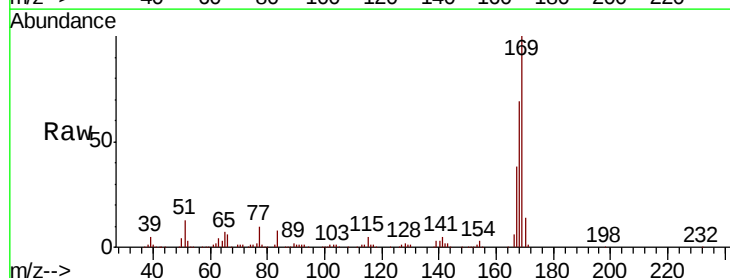
Tgt Ion:169 Resp: 251375

Ion	Ratio	Lower	Upper
169	100		
168	68.5	53.8	80.6
167	38.3	27.5	41.3

169 100

168 68.5 53.8 80.6

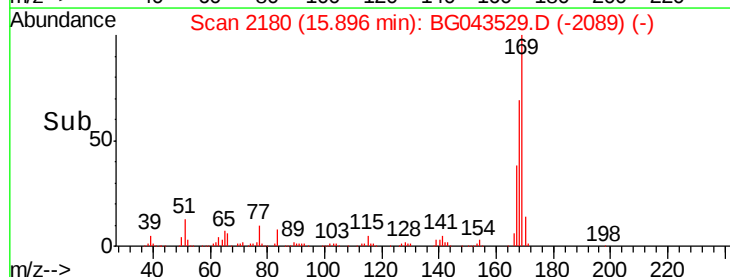
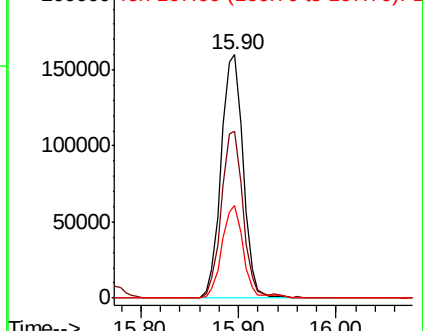
167 38.3 27.5 41.3

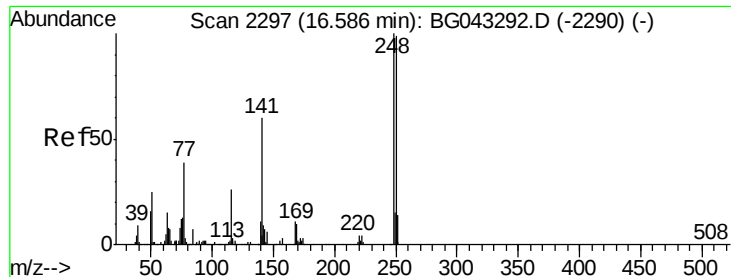


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

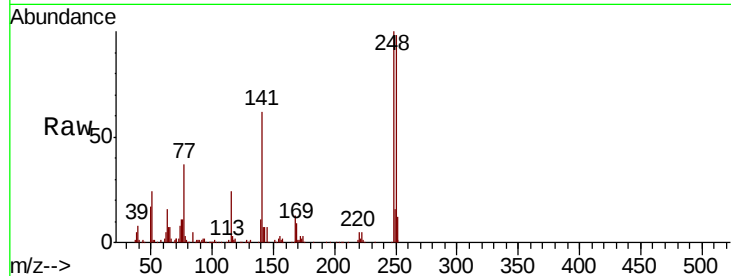




#67
4-Bromophenyl-phenylether
Concen: 41.036 ng
RT: 16.57 min Scan# 2295
Delta R.T. -0.00 min
Lab File: BG043529.D
Acq: 6 Nov 2019 20:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	77.0	115.4
141	62.5	47.5	71.3

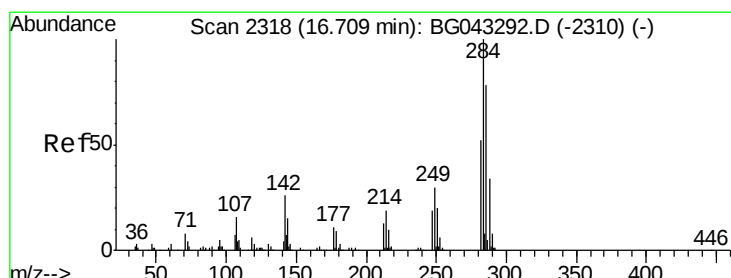
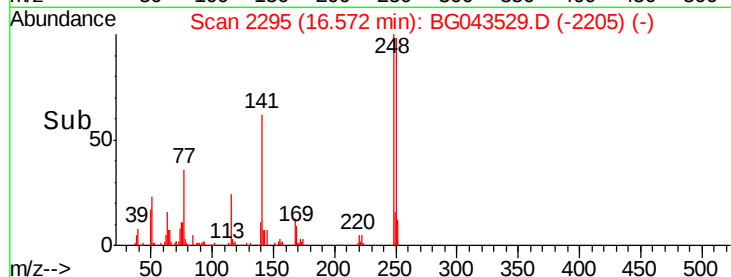
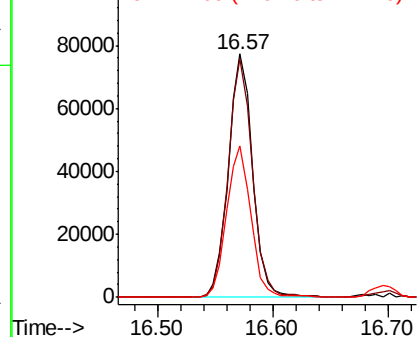


Abundance

Ion 248.00 (247.70 to 248.70): E

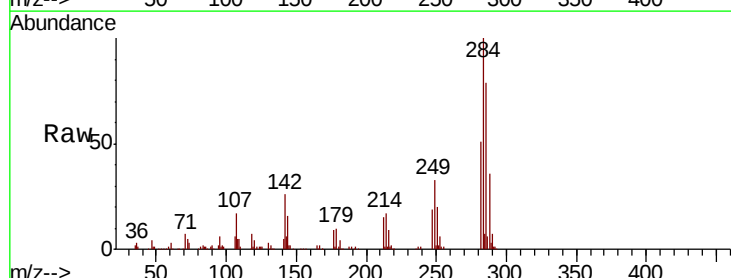
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.569 ng
RT: 16.70 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BG043529.D
Acq: 6 Nov 2019 20:48

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.1	19.8	29.8
249	34.8	23.8	35.6

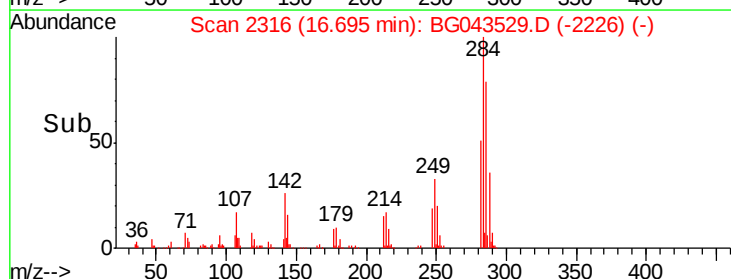
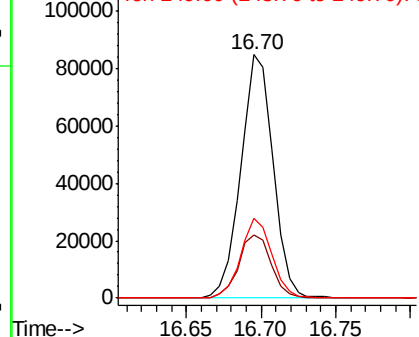


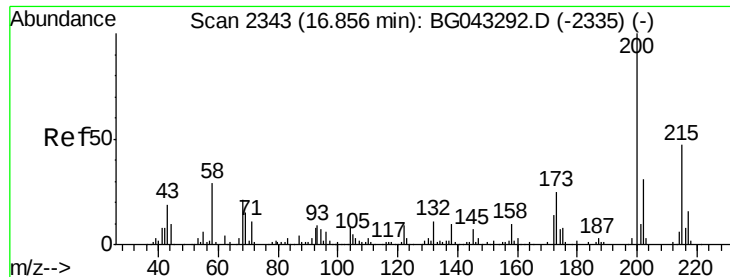
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

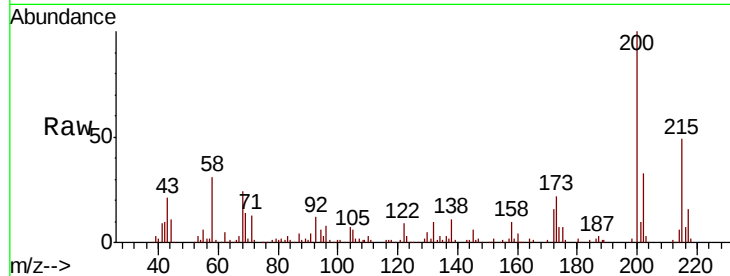




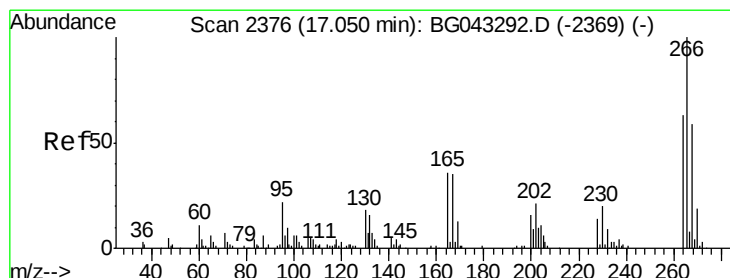
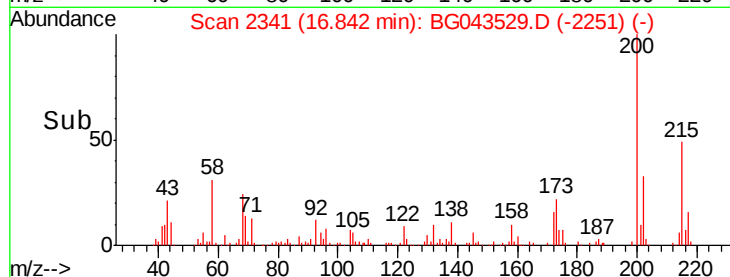
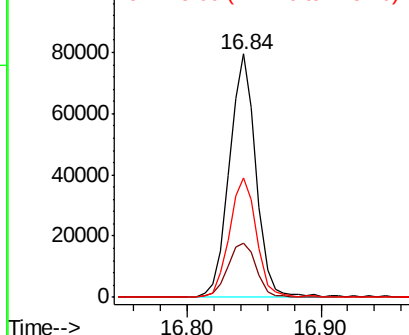
#69
 Atrazine
 Concen: 55.563 ng
 RT: 16.84 min Scan# 2341
 Delta R.T. -0.00 min
 Lab File: BG043529.D
 Acq: 6 Nov 2019 20:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:200 Resp: 110641
 Ion Ratio Lower Upper
 200 100
 173 22.0 4.7 44.7
 215 48.9 28.5 68.5

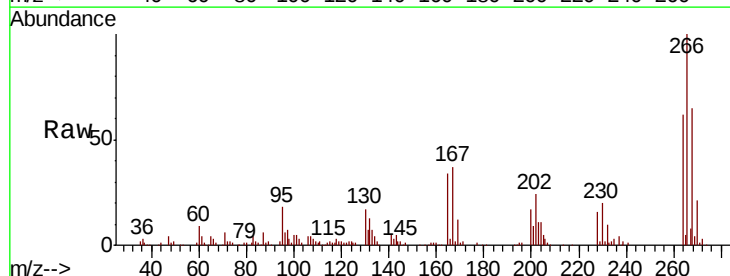


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

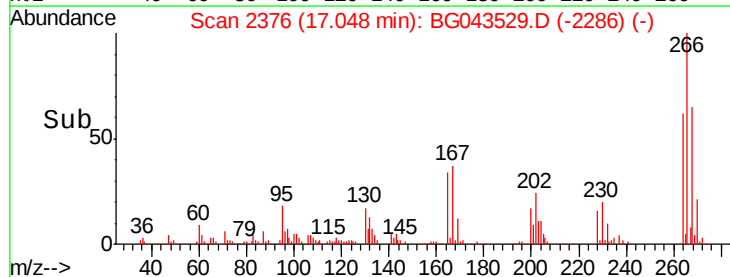
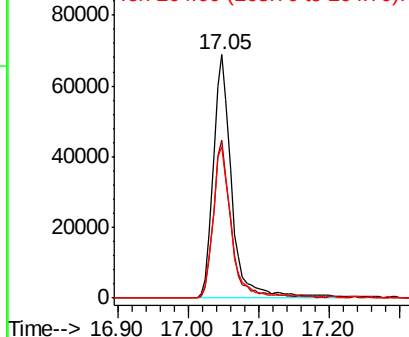


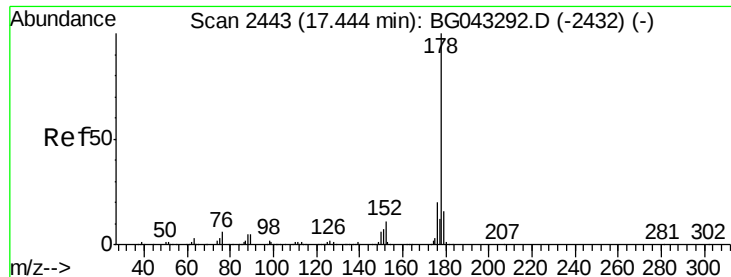
#70
 Pentachlorophenol
 Concen: 87.582 ng
 RT: 17.05 min Scan# 2376
 Delta R.T. -0.00 min
 Lab File: BG043529.D
 Acq: 6 Nov 2019 20:48

Tgt Ion:266 Resp: 125135
 Ion Ratio Lower Upper
 266 100
 268 64.6 50.4 75.6
 264 62.0 48.9 73.3



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

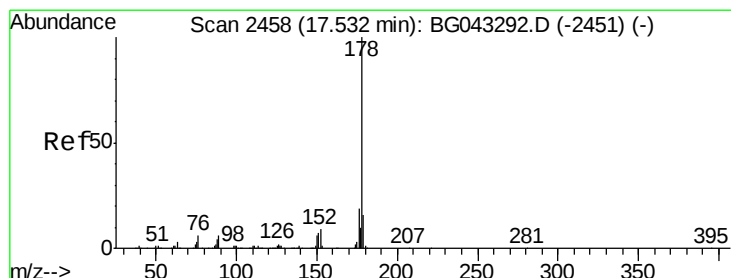
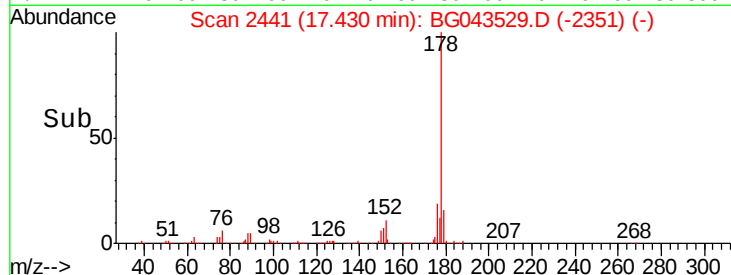
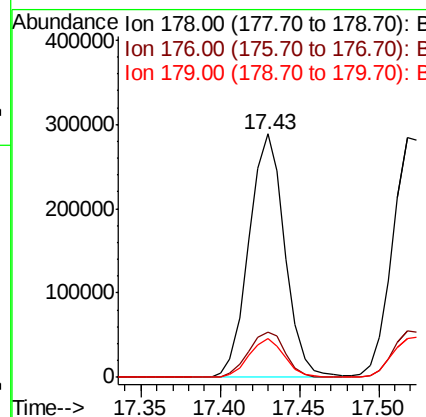
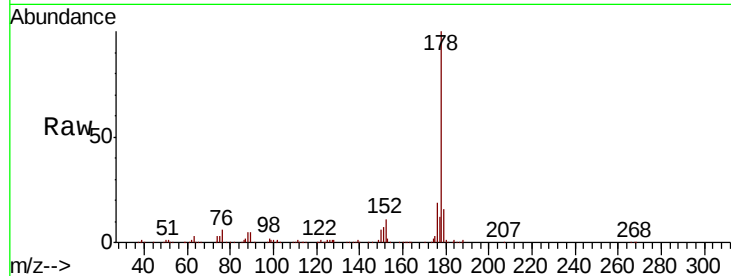




#71
Phenanthrene
Concen: 43.537 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG043529.D
Acq: 6 Nov 2019 20:48

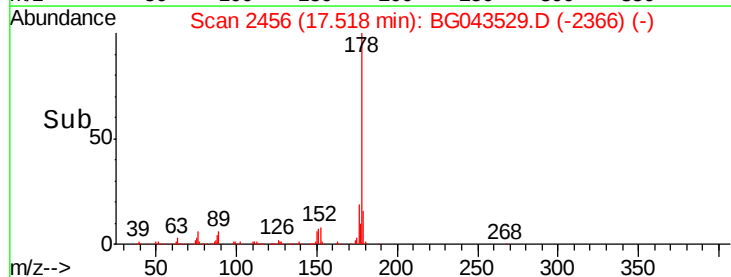
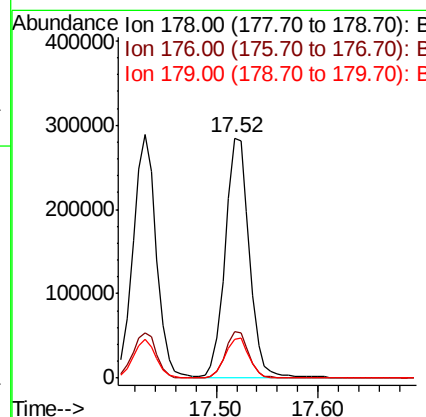
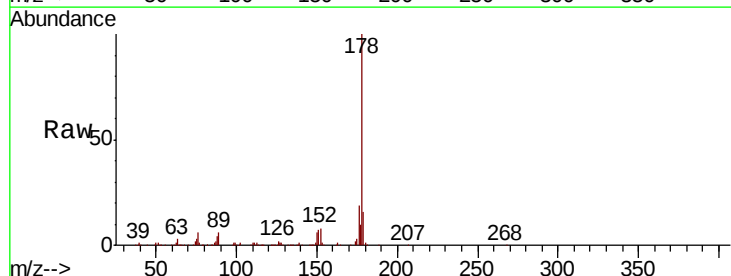
Instrument :
BNA_G
ClientSampleId :

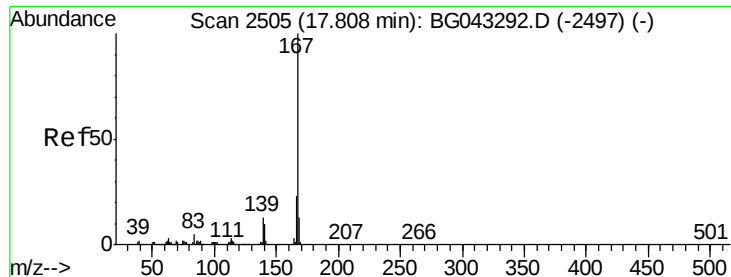
Tot Ion:178 Resp: 452534
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.0
179 15.9 13.0 19.6



#72
Anthracene
Concen: 45.162 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.00 min
Lab File: BG043529.D
Acq: 6 Nov 2019 20:48

Tgt Ion:178 Resp: 469668
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 16.4 13.7 20.5





#73

Carbazole

Concen: 45.600 ng

RT: 17.79 min Scan# 2503

Delta R.T. -0.00 min

Lab File: BG043529.D

Acq: 6 Nov 2019 20:48

Instrument :

BNA_G

ClientSampleId :

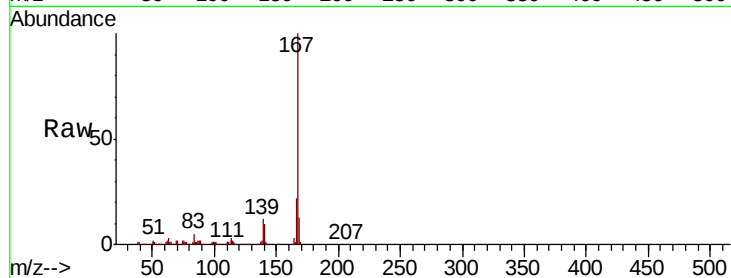
Tot Ion:167 Resp: 429438

Ion Ratio Lower Upper

167 100

166 22.2 18.7 28.1

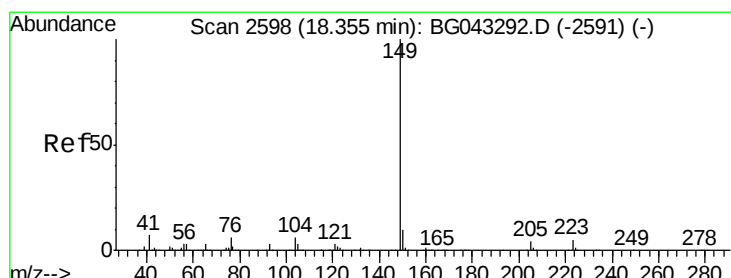
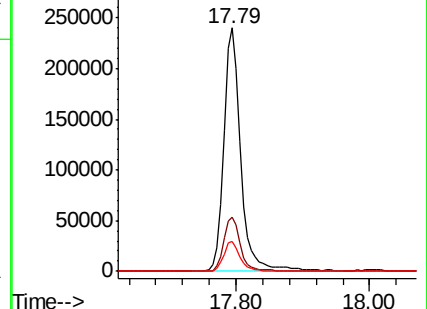
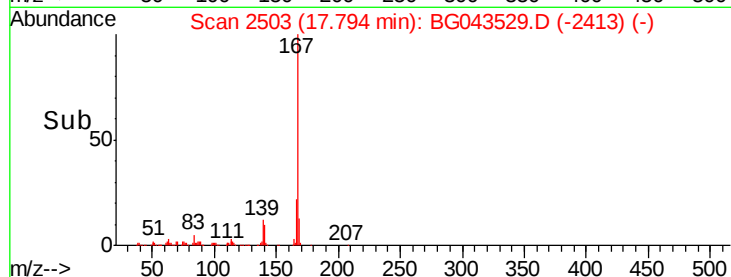
139 12.1 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 44.546 ng

RT: 18.34 min Scan# 2596

Delta R.T. -0.00 min

Lab File: BG043529.D

Acq: 6 Nov 2019 20:48

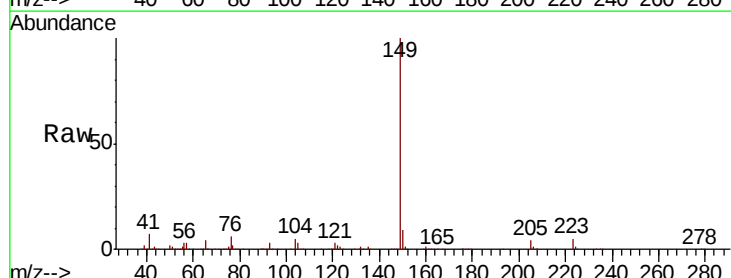
Tgt Ion:149 Resp: 509024

Ion Ratio Lower Upper

149 100

150 9.3 8.0 12.0

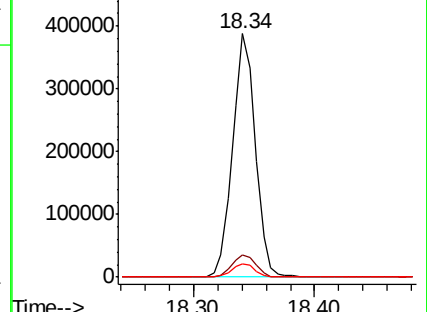
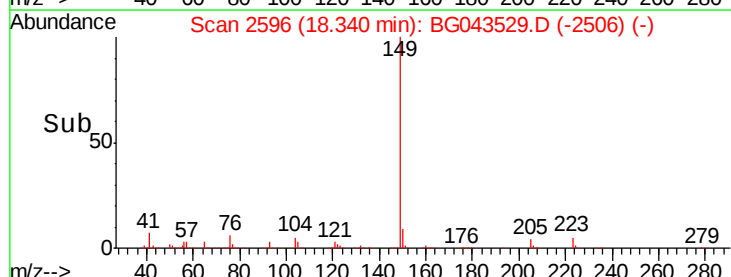
104 5.5 4.4 6.6

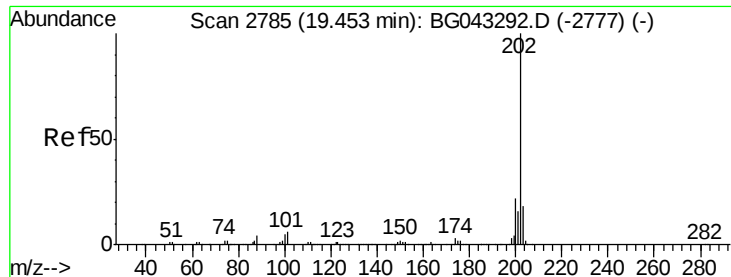


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 45.322 ng

RT: 19.44 min Scan# 2783

Delta R.T. -0.00 min

Lab File: BG043529.D

Acq: 6 Nov 2019 20:48

Instrument :

BNA_G

ClientSampleId :

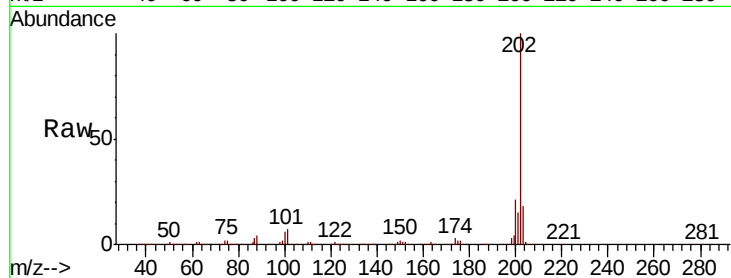
Tot Ion:202 Resp: 614143

Ion Ratio Lower Upper

202 100

101 6.8 0.0 26.3

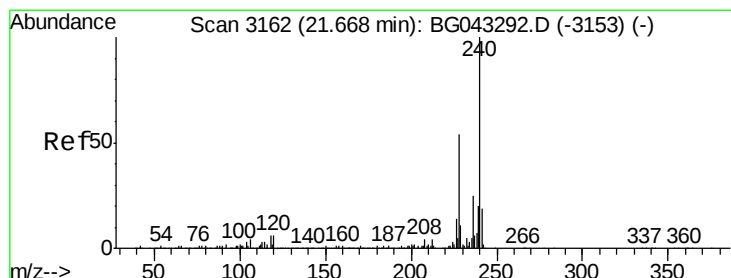
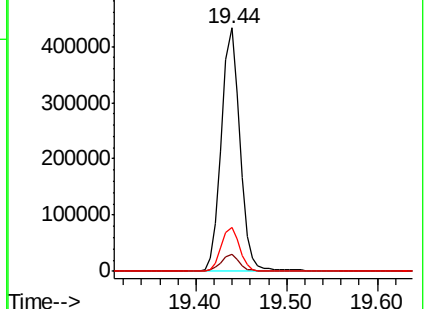
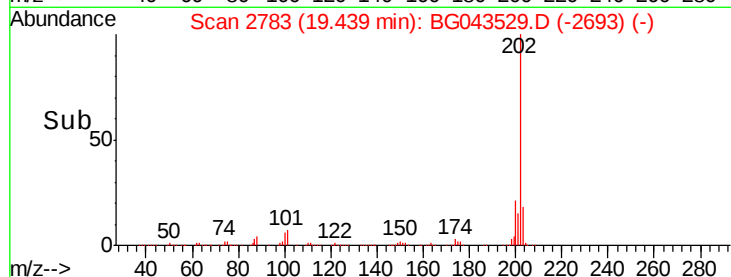
203 18.2 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG043529.D

Acq: 6 Nov 2019 20:48

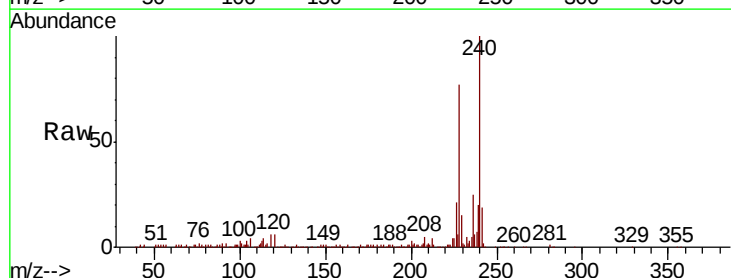
Tgt Ion:240 Resp: 220457

Ion Ratio Lower Upper

240 100

120 6.0 4.6 6.8

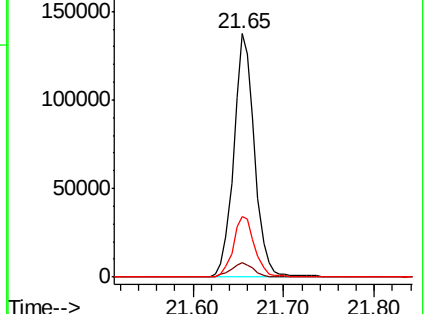
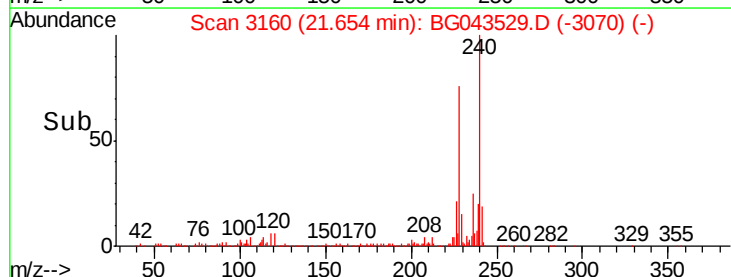
236 24.7 19.8 29.8

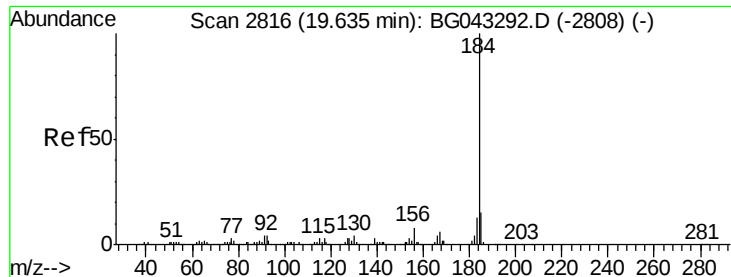


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 50.113 ng

RT: 19.62 min Scan# 2814

Delta R.T. -0.00 min

Lab File: BG043529.D

Acq: 6 Nov 2019 20:48

Instrument :

BNA_G

ClientSampleId :

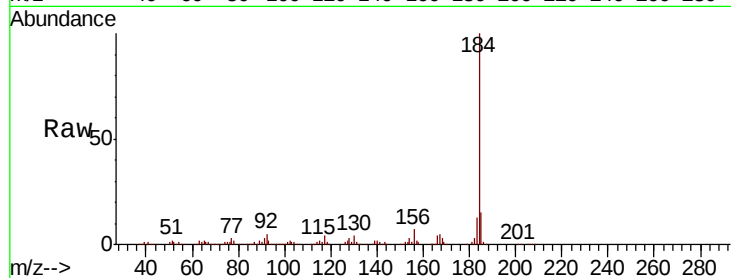
Tot Ion:184 Resp: 222340

Ion Ratio Lower Upper

184 100

185 14.5 11.0 16.4

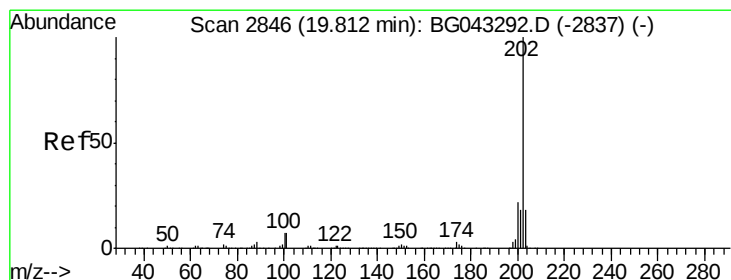
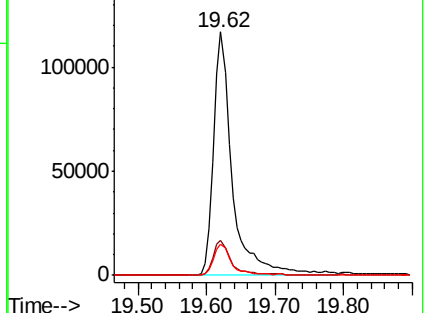
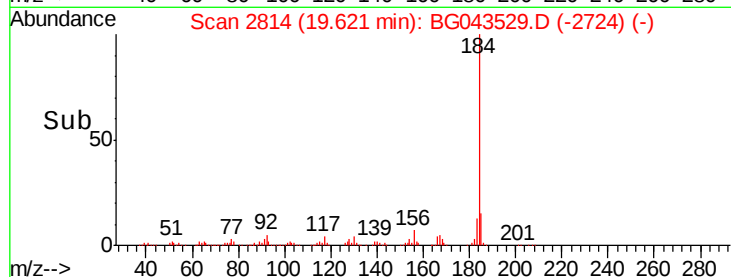
183 12.7 10.0 15.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.496 ng

RT: 19.80 min Scan# 2845

Delta R.T. 0.00 min

Lab File: BG043529.D

Acq: 6 Nov 2019 20:48

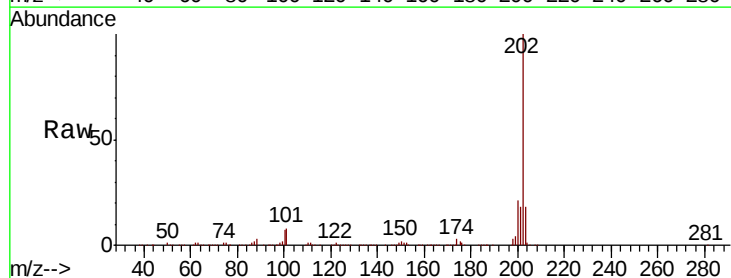
Tgt Ion:202 Resp: 620834

Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.4

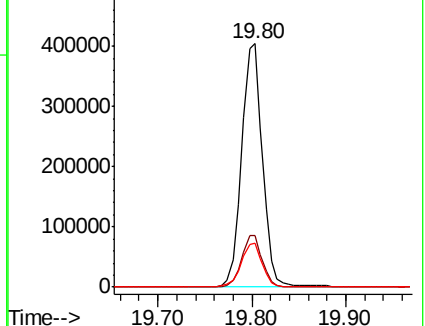
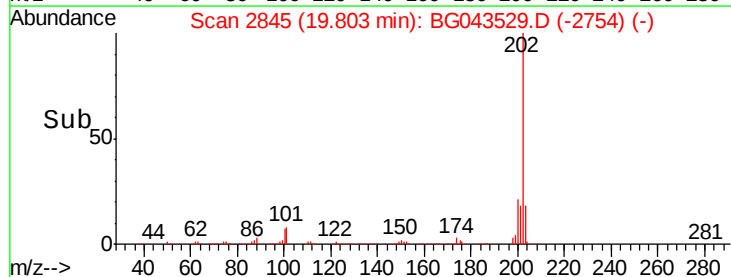
203 18.3 14.7 22.1

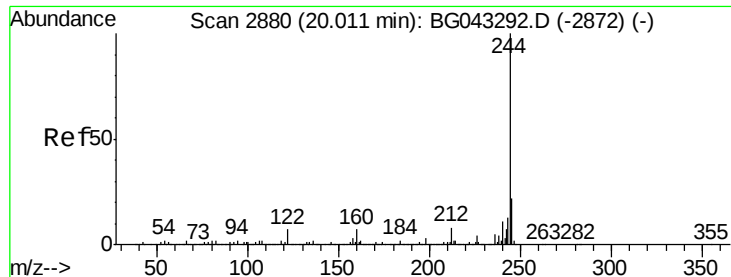


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.830 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BG043529.D

Acq: 6 Nov 2019 20:48

Instrument :

BNA_G

ClientSampleId :

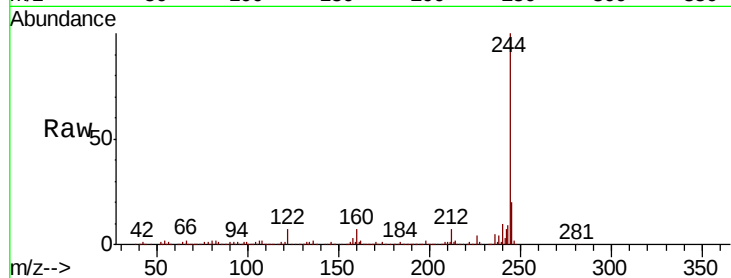
Tot Ion:244 Resp: 891081

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

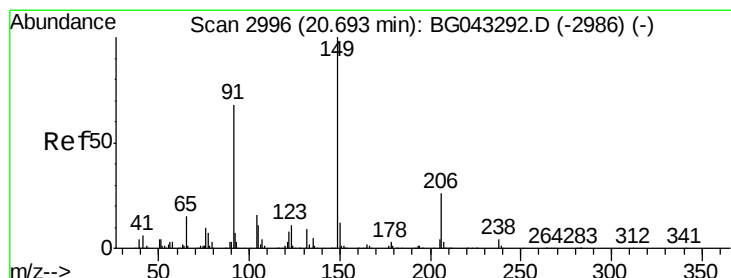
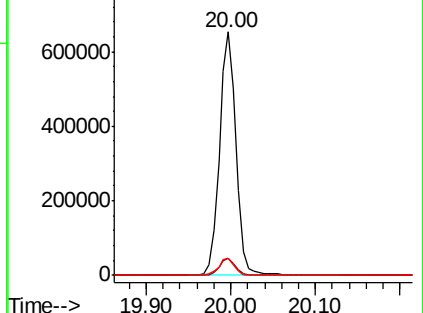
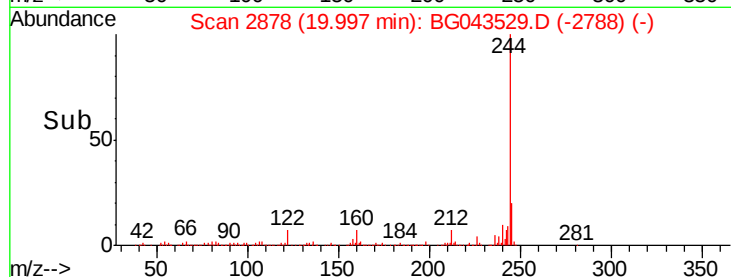
122 6.9 5.4 8.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.316 ng

RT: 20.68 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BG043529.D

Acq: 6 Nov 2019 20:48

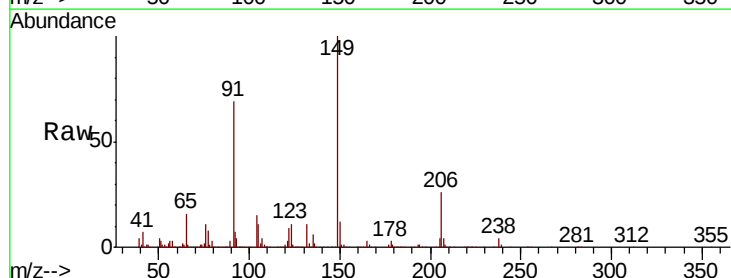
Tgt Ion:149 Resp: 234279

Ion Ratio Lower Upper

149 100

91 68.9 51.2 76.8

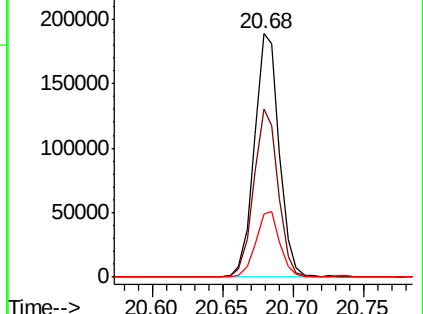
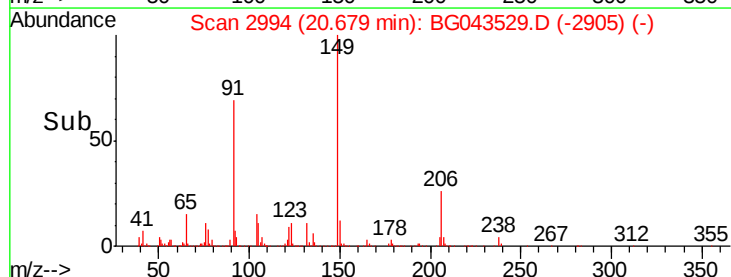
206 25.8 22.5 33.7

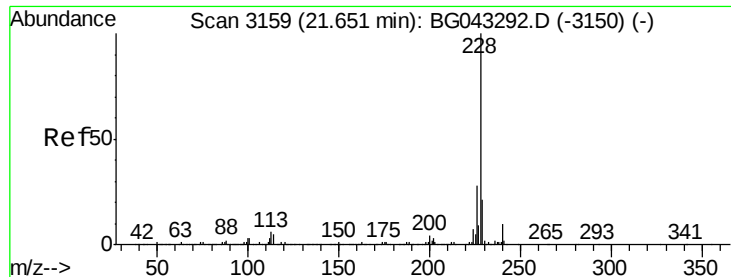


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.153 ng

RT: 21.64 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG043529.D

Acq: 6 Nov 2019 20:48

Instrument :

BNA_G

ClientSampled :

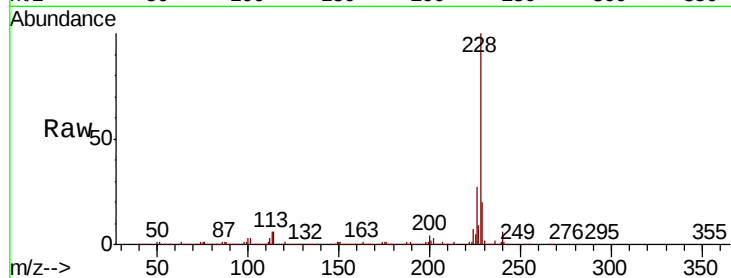
Tot Ion:228 Resp: 637336

Ion Ratio Lower Upper

228 100

226 27.0 22.2 33.2

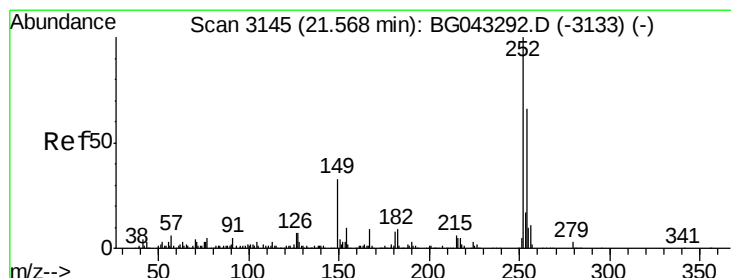
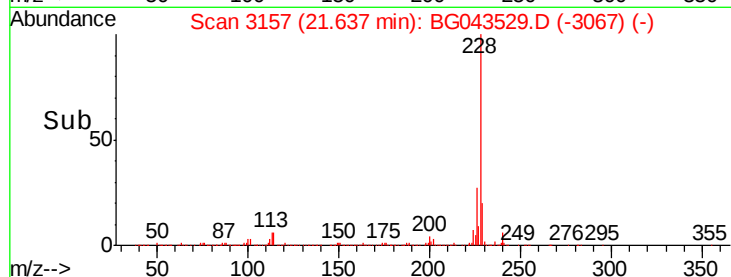
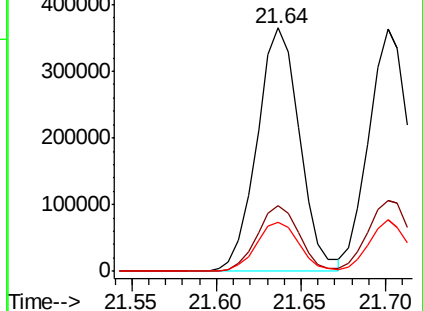
229 20.3 17.0 25.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 19.999 ng

RT: 21.55 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG043529.D

Acq: 6 Nov 2019 20:48

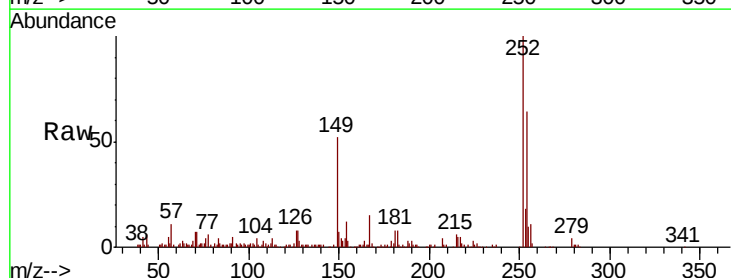
Tgt Ion:252 Resp: 106817

Ion Ratio Lower Upper

252 100

254 64.3 50.8 76.2

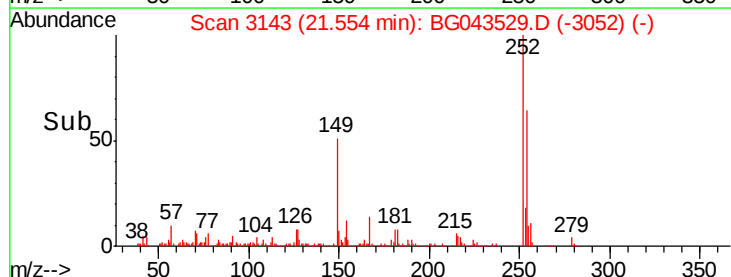
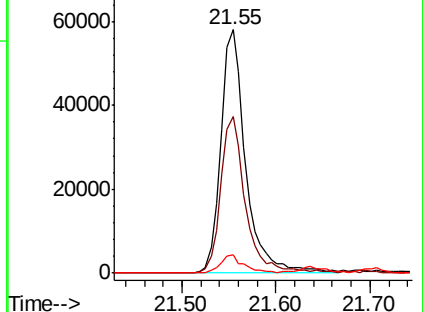
126 7.8 6.1 9.1

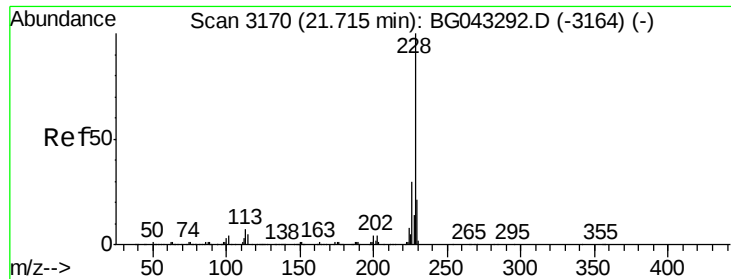


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

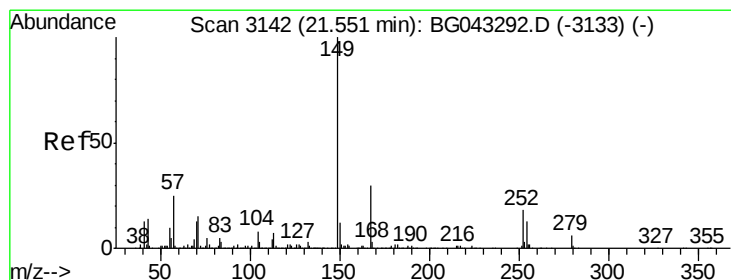
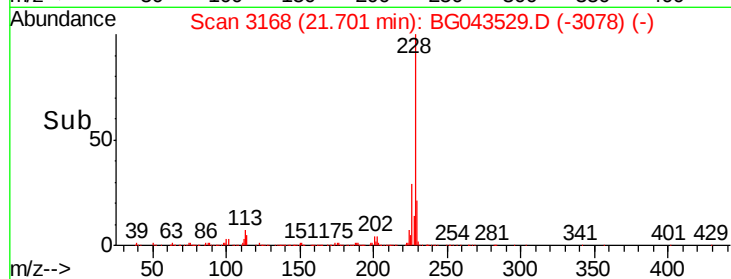
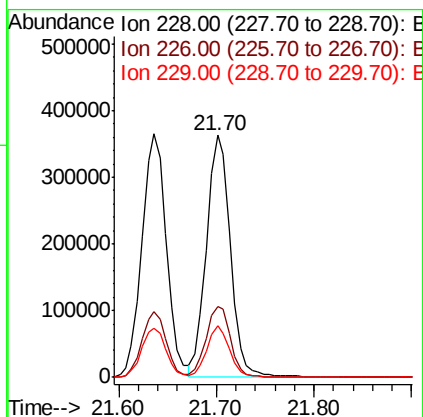
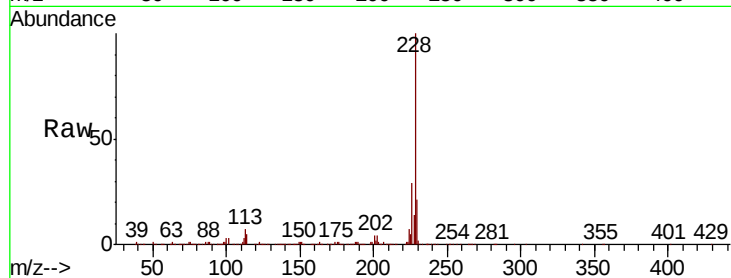




#83
 Chrysene
 Concen: 44.964 ng
 RT: 21.70 min Scan# 3168
 Delta R.T. -0.00 min
 Lab File: BG043529.D
 Acq: 6 Nov 2019 20:48

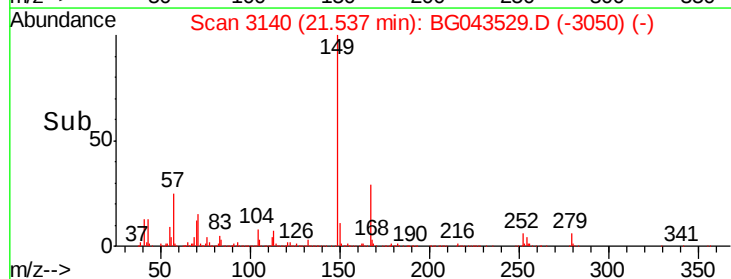
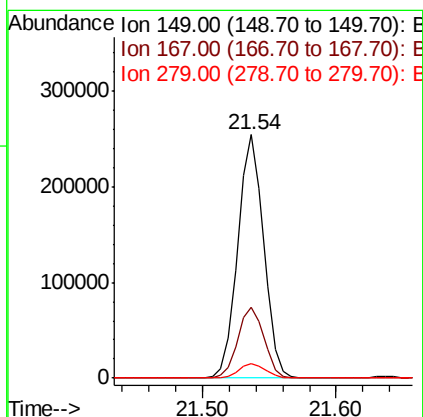
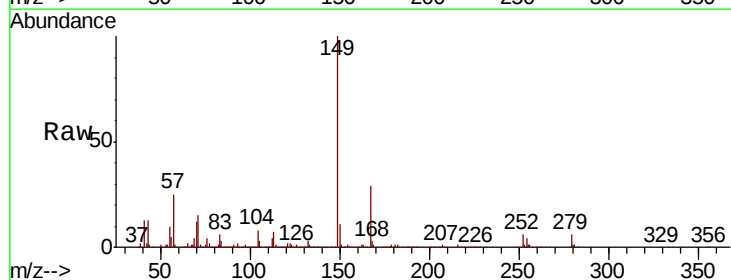
Instrument :
 BNA_G
 ClientSampled :

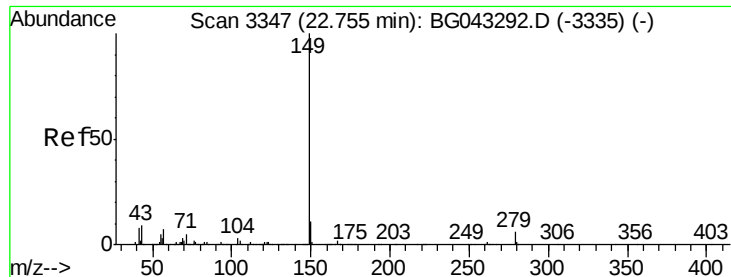
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	25.1	37.7
229	21.4	17.0	25.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.583 ng
 RT: 21.54 min Scan# 3140
 Delta R.T. -0.00 min
 Lab File: BG043529.D
 Acq: 6 Nov 2019 20:48

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.3	24.0	36.0
279	5.9	5.4	8.2





#85

Di-n-octyl phthalate

Concen: 46.873 ng

RT: 22.74 min Scan# 3344

Delta R.T. -0.00 min

Lab File: BG043529.D

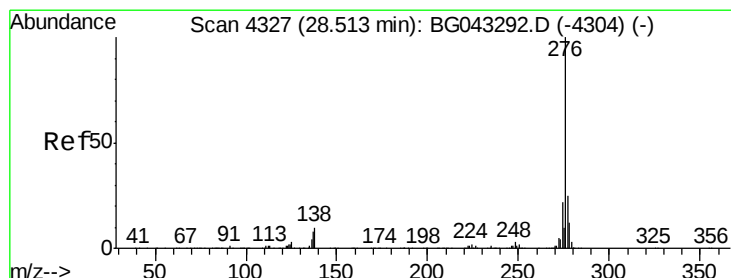
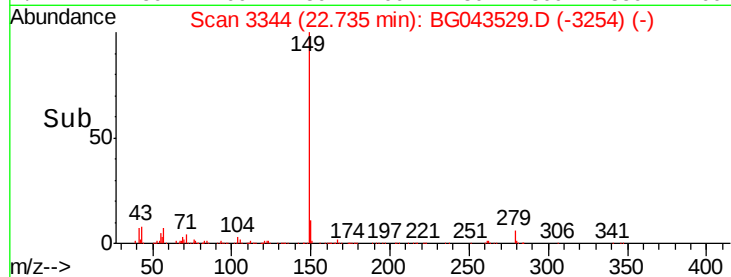
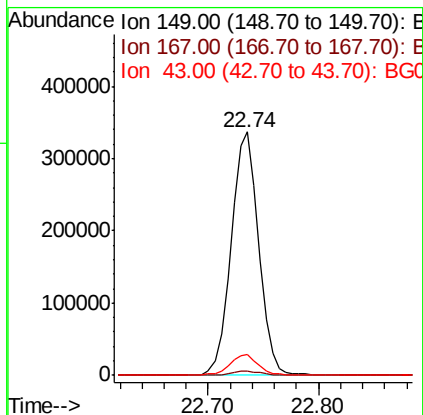
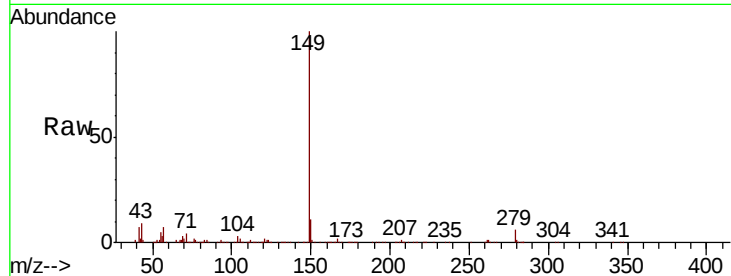
Acq: 6 Nov 2019 20:48

Instrument :

BNA_G

ClientSampleId :

Tot Ion:149	Resp:	584017
Ion Ratio	Lower	Upper
149	100	
167	1.8	1.4 2.2
43	8.4	7.0 10.6



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.197 ng

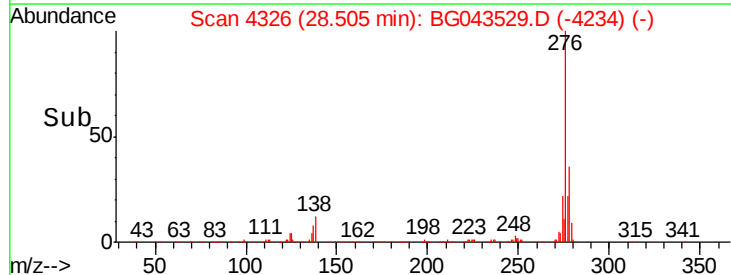
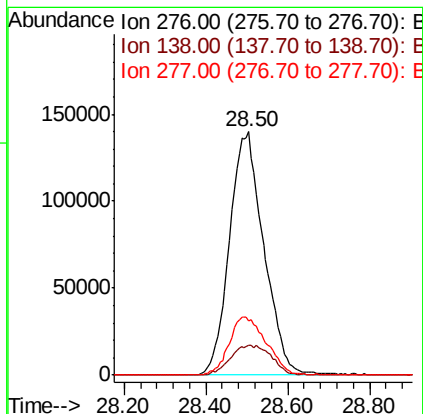
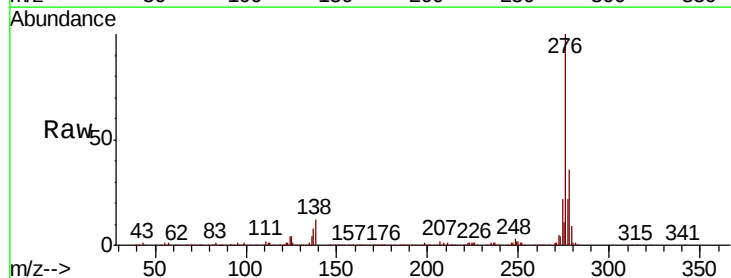
RT: 28.50 min Scan# 4326

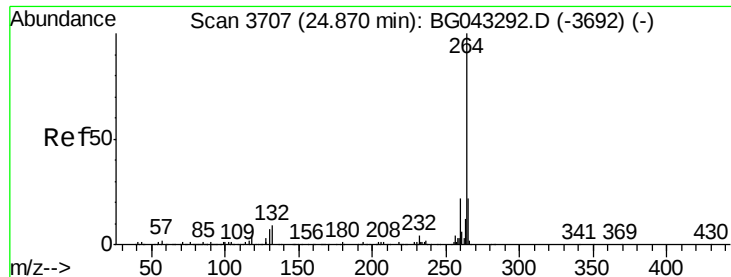
Delta R.T. 0.01 min

Lab File: BG043529.D

Acq: 6 Nov 2019 20:48

Tgt Ion:276	Resp:	812857
Ion Ratio	Lower	Upper
276	100	
138	14.6	6.8 10.2#
277	25.9	20.9 31.3





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3704

Delta R.T. -0.00 min

Lab File: BG043529.D

Acq: 6 Nov 2019 20:48

Instrument :

BNA_G

ClientSampleId :

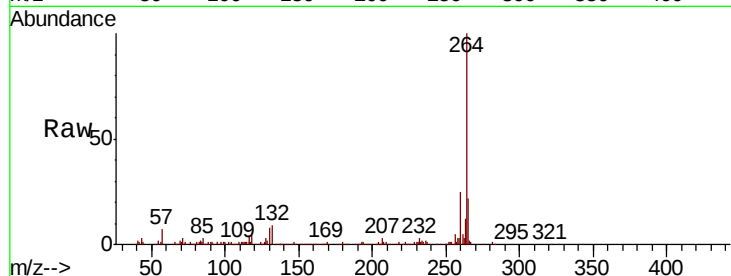
Tot Ion:264 Resp: 263648

Ion Ratio Lower Upper

264 100

260 24.8 17.5 26.3

265 22.1 17.4 26.0

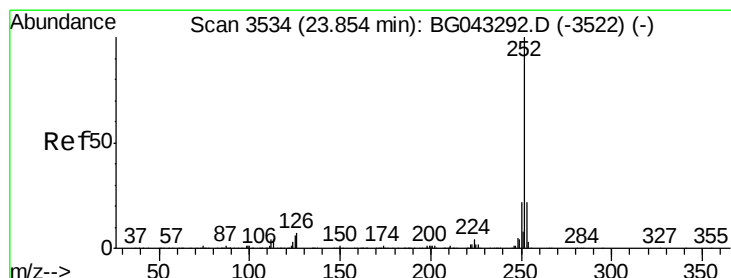
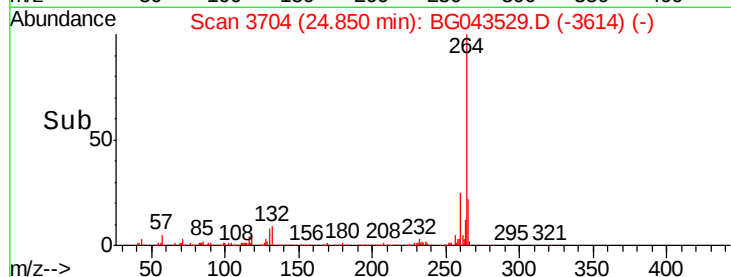
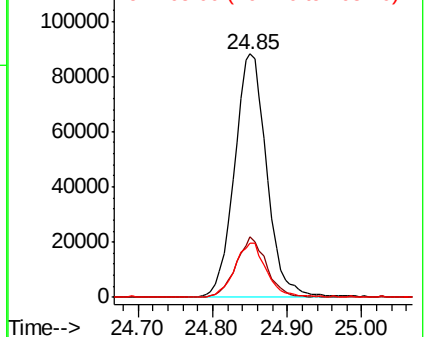


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.163 ng

RT: 23.84 min Scan# 3532

Delta R.T. -0.00 min

Lab File: BG043529.D

Acq: 6 Nov 2019 20:48

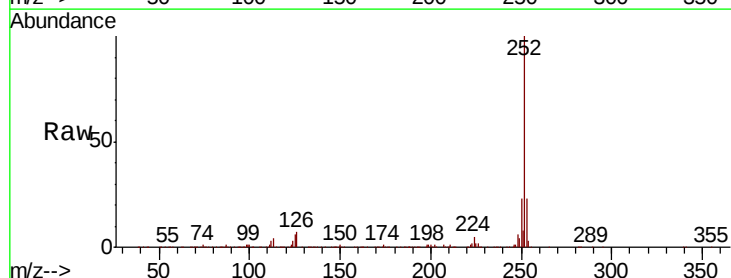
Tgt Ion:252 Resp: 659449

Ion Ratio Lower Upper

252 100

253 22.7 17.7 26.5

125 5.9 4.5 6.7

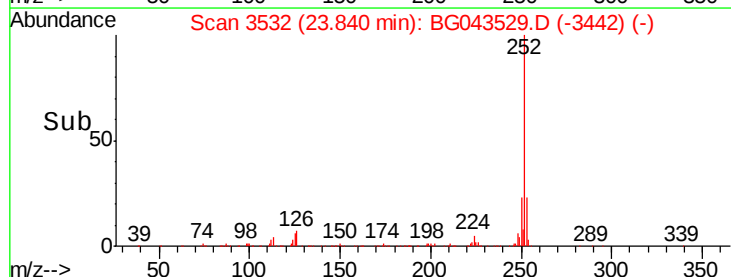
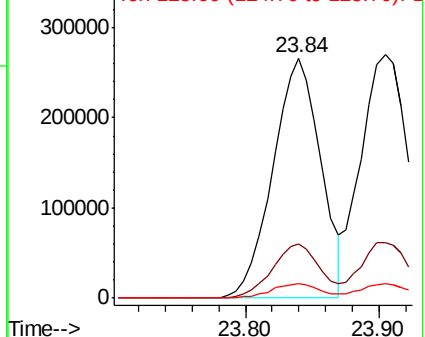


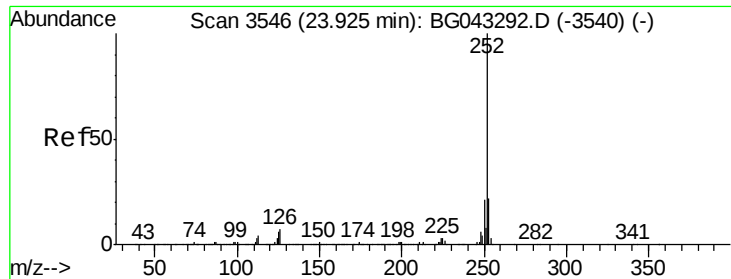
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 45.171 ng

RT: 23.90 min Scan# 3543

Delta R.T. -0.00 min

Lab File: BG043529.D

Acq: 6 Nov 2019 20:48

Instrument :

BNA_G

ClientSampleId :

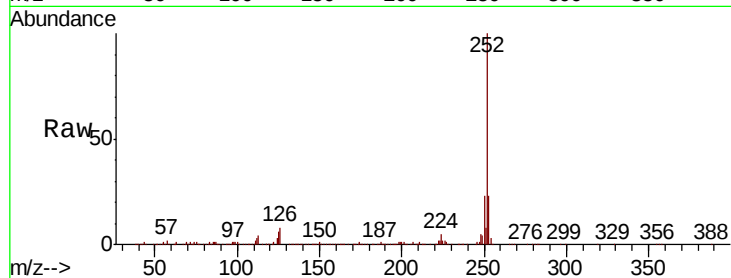
Tot Ion:252 Resp: 679031

Ion Ratio Lower Upper

252 100

253 23.0 17.3 25.9

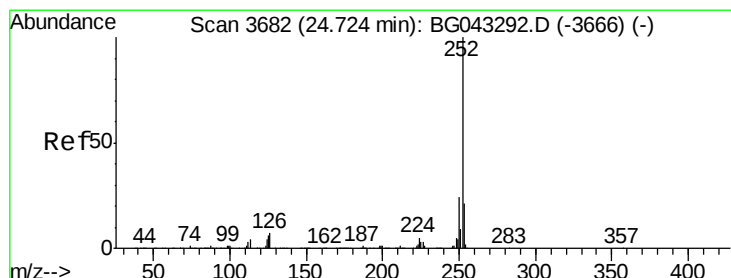
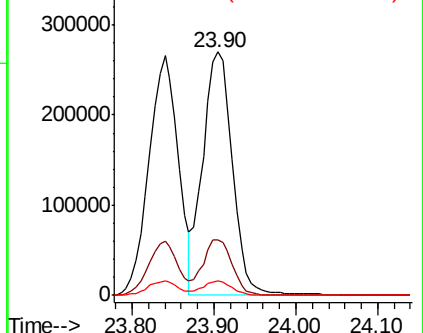
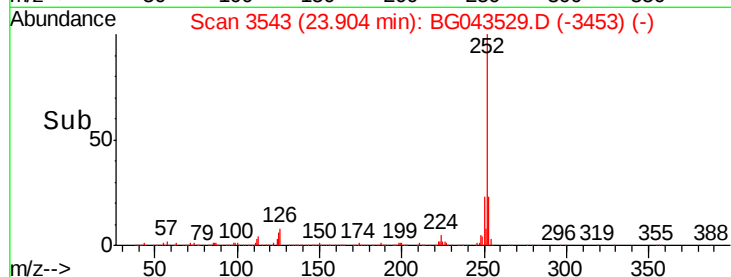
125 5.8 4.6 6.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 43.627 ng

RT: 24.70 min Scan# 3679

Delta R.T. 0.00 min

Lab File: BG043529.D

Acq: 6 Nov 2019 20:48

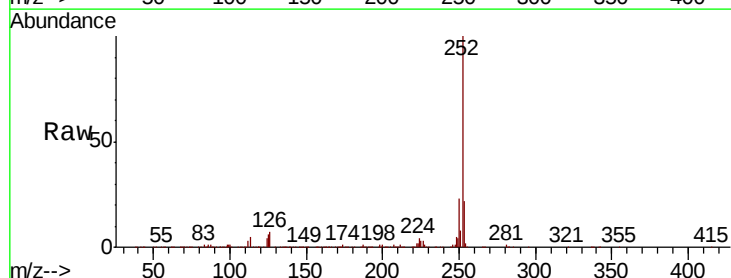
Tgt Ion:252 Resp: 622084

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.8

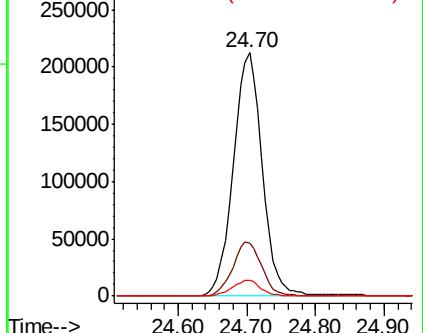
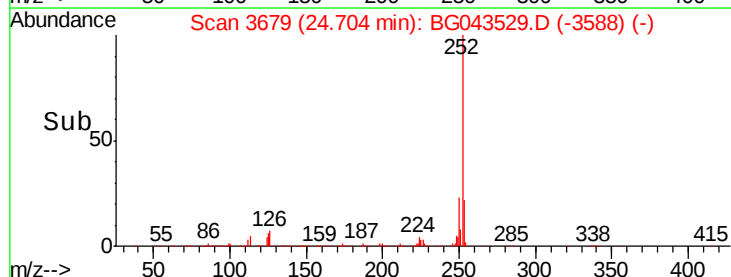
125 6.5 5.4 8.2

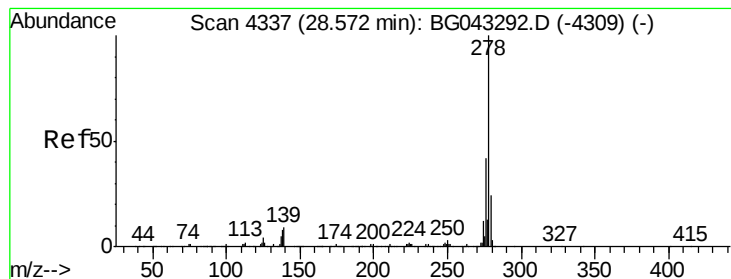


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 46.537 ng

RT: 28.55 min Scan# 4334

Delta R.T. -0.00 min

Lab File: BG043529.D

Acq: 6 Nov 2019 20:48

Instrument :

BNA_G

ClientSampleId :

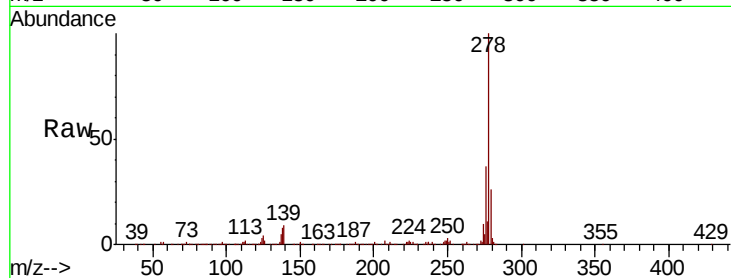
Tot Ion:278 Resp: 678741

Ion Ratio Lower Upper

278 100

139 8.7 7.4 11.0

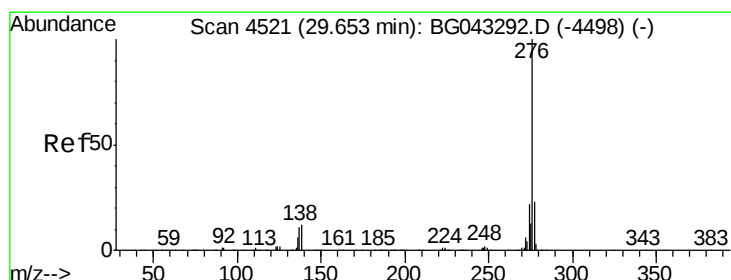
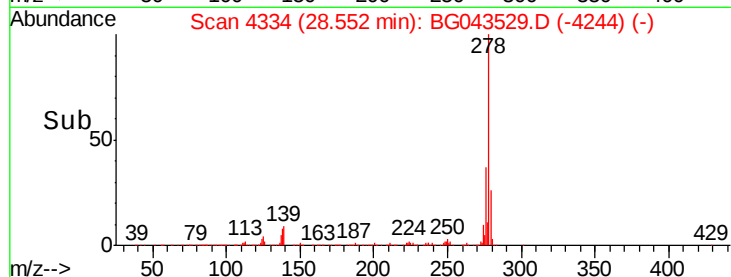
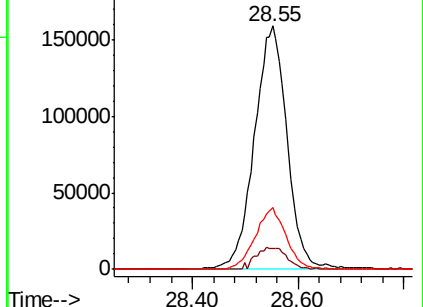
279 25.6 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 46.957 ng

RT: 29.63 min Scan# 4518

Delta R.T. 0.00 min

Lab File: BG043529.D

Acq: 6 Nov 2019 20:48

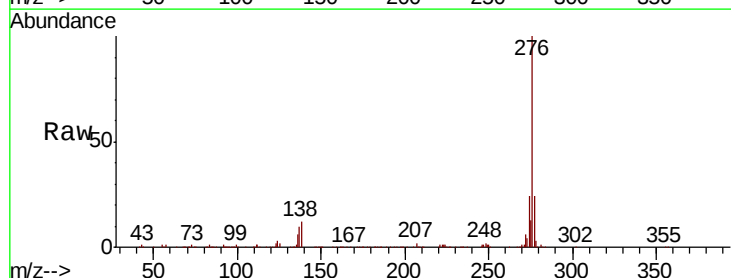
Tgt Ion:276 Resp: 675554

Ion Ratio Lower Upper

276 100

277 23.9 18.9 28.3

138 11.7 8.9 13.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

