

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110619\
 Data File : BG043525.D
 Acq On : 6 Nov 2019 18:13
 Operator : JU
 Sample : PB124558BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 07 01:06:21 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	32572	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	133356	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	95922	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	216344	20.00	ng	0.00
76) Chrysene-d12	21.66	240	251209	20.00	ng	0.00
87) Perylene-d12	24.85	264	228144	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	224287	126.18	ng	0.00
7) Phenol-d6	7.20	99	299565	117.14	ng	0.00
23) Nitrobenzene-d5	9.17	82	149092	57.64	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	177411	97.19	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	406667	58.58	ng	0.00
79) Terphenyl-d14	19.99	244	775420	57.91	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.47	88	26537	38.310	ng	95
3) Pyridine	3.87	79	61036	34.931	ng	94
4) n-Nitrosodimethylamine	3.79	42	35633	40.413	ng	# 93
6) Aniline	7.34	93	78960	26.802	ng	100
8) 2-Chlorophenol	7.59	128	90249	45.995	ng	97
9) Benzaldehyde	7.15	77	25427	20.231	ng	93
10) Phenol	7.23	94	107975	46.203	ng	95
11) bis(2-Chloroethyl)ether	7.43	93	72508	40.131	ng	97
12) 1,3-Dichlorobenzene	7.90	146	95555	38.868	ng	97
13) 1,4-Dichlorobenzene	8.04	146	99444	39.980	ng	98
14) 1,2-Dichlorobenzene	8.37	146	94565	38.938	ng	96
15) Benzyl Alcohol	8.26	79	77066	42.908	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	98573	37.520	ng	96
17) 2-Methylphenol	8.47	107	75155	44.114	ng	99
18) Hexachloroethane	9.10	117	35557	39.622	ng	92
19) n-Nitroso-di-n-propylamine	8.81	70	63055	38.156	ng	99
20) 3+4-Methylphenols	8.80	107	99922	42.773	ng	95
22) Acetophenone	8.83	105	126155	36.940	ng	# 96
24) Nitrobenzene	9.21	77	98686	40.049	ng	96
25) Isophorone	9.74	82	179224	37.897	ng	96
26) 2-Nitrophenol	9.93	139	49993	42.024	ng	94
27) 2,4-Dimethylphenol	9.99	122	81710	47.922	ng	96
28) bis(2-Chloroethoxy)methane	10.22	93	99606	38.161	ng	98
29) 2,4-Dichlorophenol	10.48	162	90682	41.509	ng	92
30) 1,2,4-Trichlorobenzene	10.68	180	105258	38.227	ng	98
31) Naphthalene	10.86	128	274265	40.517	ng	97
32) Benzoic acid	10.16	122	35521	31.189	ng	92
33) 4-Chloroaniline	10.99	127	63711	22.961	ng	97
34) Hexachlorobutadiene	11.15	225	73646	36.182	ng	96
35) Caprolactam	11.75	113	21461	28.523	ng	# 84
36) 4-Chloro-3-methylphenol	12.12	107	94538	39.672	ng	97
37) 2-Methylnaphthalene	12.47	142	204701	39.413	ng	95
38) 1-Methylnaphthalene	12.69	142	191871	38.826	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	128502	36.198	ng	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	95730	51.335	nq	96
43) 2,4,6-Trichlorophenol	13.09	196	82503	39.464	nq	98
44) 2,4,5-Trichlorophenol	13.17	196	88021	41.646	nq	98
46) 1,1'-Biphenyl	13.47	154	271734	37.238	nq	97
47) 2-Chloronaphthalene	13.52	162	208331	37.522	nq	99
48) 2-Nitroaniline	13.73	65	61831	37.260	nq	95
49) Acenaphthylene	14.37	152	336993	38.998	nq	100
50) Dimethylphthalate	14.10	163	271194	36.501	nq	100
51) 2,6-Dinitrotoluene	14.21	165	62322	38.611	nq	95
52) Acenaphthene	14.71	154	199618	37.880	nq	95
53) 3-Nitroaniline	14.55	138	39794	25.535	nq	# 99
54) 2,4-Dinitrophenol	14.76	184	72096	72.300	nq	93
55) Dibenzofuran	15.04	168	326270	38.179	nq	99
56) 4-Nitrophenol	14.89	139	81043	77.603	nq	95
57) 2,4-Dinitrotoluene	15.01	165	87841	38.080	nq	96
58) Fluorene	15.69	166	271142	37.830	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	81412	36.255	nq	96
60) Diethylphthalate	15.45	149	267187	35.790	nq	99
61) 4-Chlorophenyl-phenylether	15.68	204	152843	36.554	nq	98
62) 4-Nitroaniline	15.72	138	59395	36.904	nq	96
63) Azobenzene	15.97	77	221540	36.667	nq	98
65) 4,6-Dinitro-2-methylphenol	15.77	198	56413	44.308	nq	97
66) n-Nitrosodiphenylamine	15.89	169	240299	39.342	nq	97
67) 4-Bromophenyl-phenylether	16.58	248	108808	37.372	nq	98
68) Hexachlorobenzene	16.70	284	121857	36.462	nq	97
69) Atrazine	16.84	200	99756	47.002	nq	96
70) Pentachlorophenol	17.05	266	123764	81.272	nq	96
71) Phenanthrene	17.43	178	430415	38.852	nq	99
72) Anthracene	17.52	178	445384	40.182	nq	98
73) Carbazole	17.79	167	409629	40.810	nq	100
74) Di-n-butylphthalate	18.34	149	476904	39.157	nq	99
75) Fluoranthene	19.44	202	572701	39.653	nq	99
77) Benzidine	19.62	184	112710	22.294	nq	99
78) Pyrene	19.80	202	574011	36.915	nq	99
80) Butylbenzylphthalate	20.68	149	220356	37.405	nq	96
81) Benzo(a)anthracene	21.64	228	594205	37.762	nq	98
82) 3,3'-Dichlorobenzidine	21.55	252	191698	31.497	nq	98
83) Chrysene	21.70	228	588336	37.631	nq	97
84) Bis(2-ethylhexyl)phthalate	21.53	149	321897	38.466	nq	98
85) Di-n-octyl phthalate	22.73	149	554638	39.066	nq	100
86) Indeno(1,2,3-cd)pyrene	28.50	276	762443	38.850	nq	# 98
88) Benzo(b)fluoranthene	23.84	252	632962	48.986	nq	99
89) Benzo(k)fluoranthene	23.91	252	641810	49.340	nq	99
90) Benzo(a)pyrene	24.70	252	582370	47.198	nq	100
91) Dibenzo(a,h)anthracene	28.56	278	655857	51.966	nq	99
92) Benzo(g,h,i)perylene	29.64	276	635591	51.054	nq	96

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

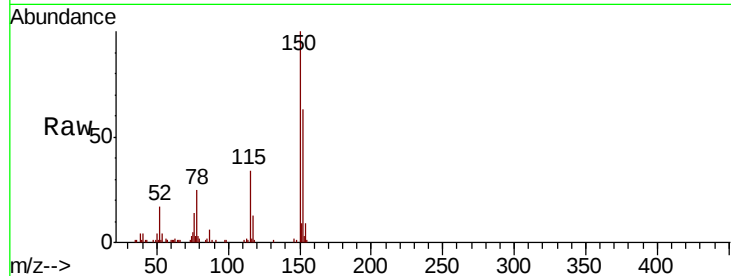


#1

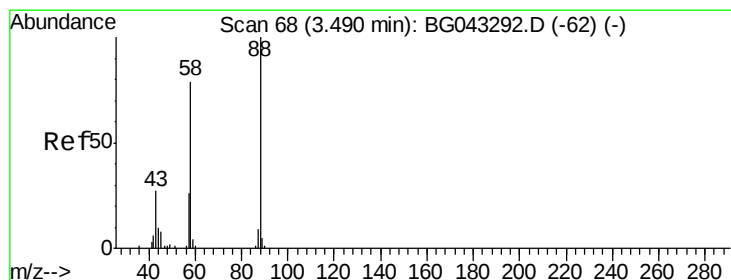
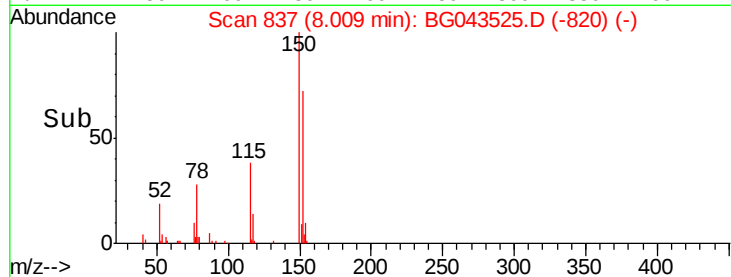
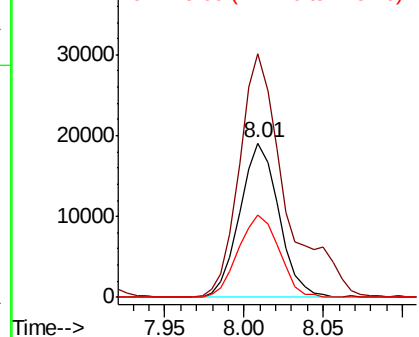
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG043525.D
Acq: 6 Nov 2019 18:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 32572
Ion Ratio Lower Upper
152 100
150 157.6 129.4 194.0
115 53.2 48.8 73.2



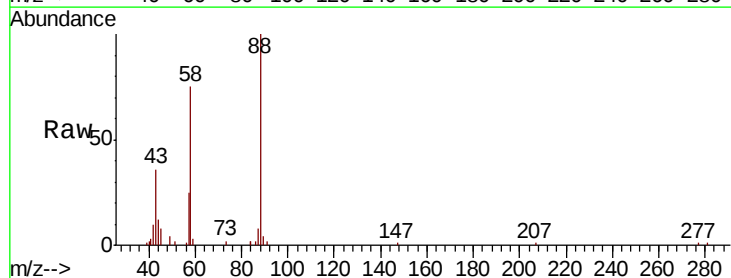
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



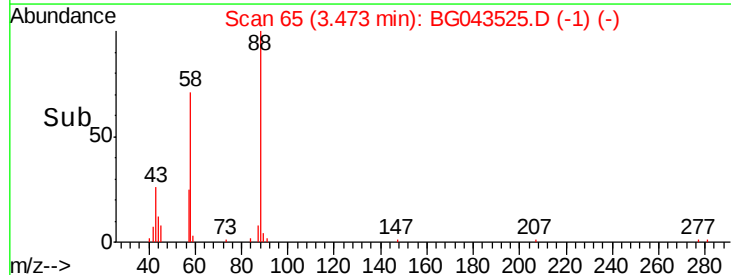
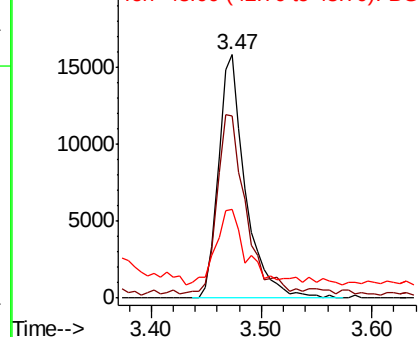
#2

1,4-Dioxane
Concen: 38.310 ng
RT: 3.47 min Scan# 65
Delta R.T. 0.00 min
Lab File: BG043525.D
Acq: 6 Nov 2019 18:13

Tgt Ion: 88 Resp: 26537
Ion Ratio Lower Upper
88 100
58 75.8 62.7 94.1
43 35.2 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: 34.931 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.00 min

Lab File: BG043525.D

Acq: 6 Nov 2019 18:13

Instrument :

BNA_G

ClientSampleId :

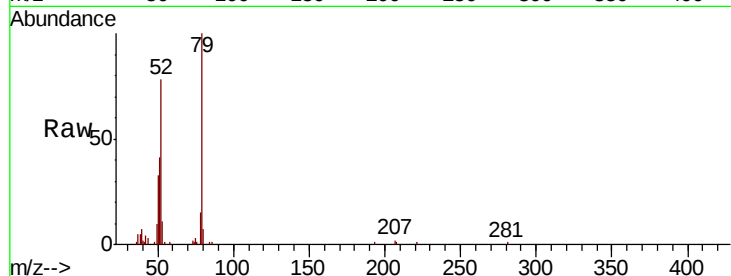
Tot Ion: 79 Resp: 61036

Ion Ratio Lower Upper

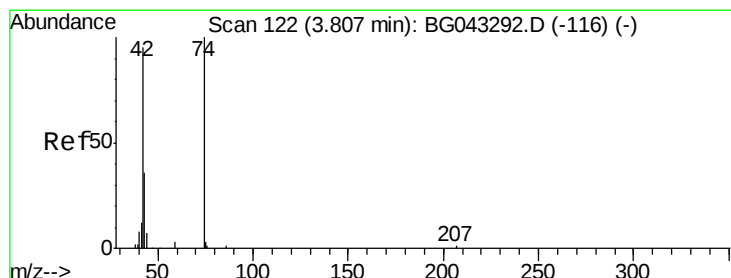
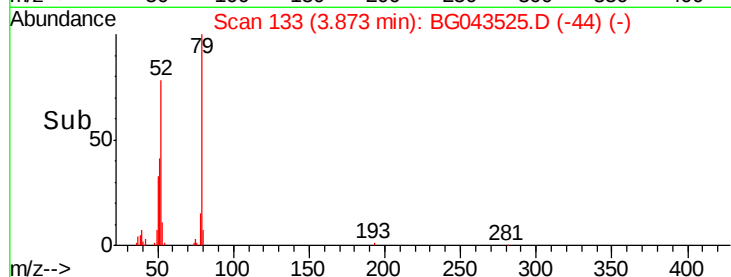
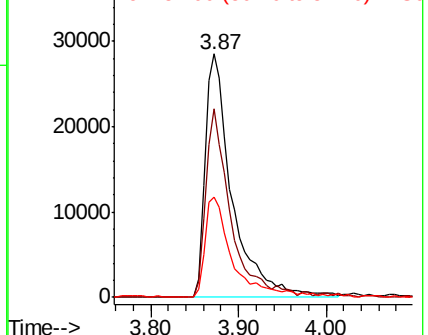
79 100

52 77.6 56.5 84.7

51 41.0 33.2 49.8



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 40.413 ng

RT: 3.79 min Scan# 119

Delta R.T. 0.00 min

Lab File: BG043525.D

Acq: 6 Nov 2019 18:13

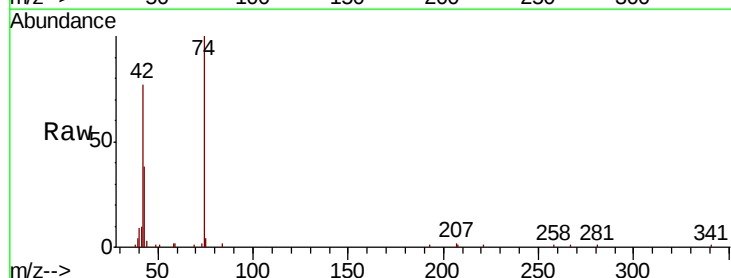
Tgt Ion: 42 Resp: 35633

Ion Ratio Lower Upper

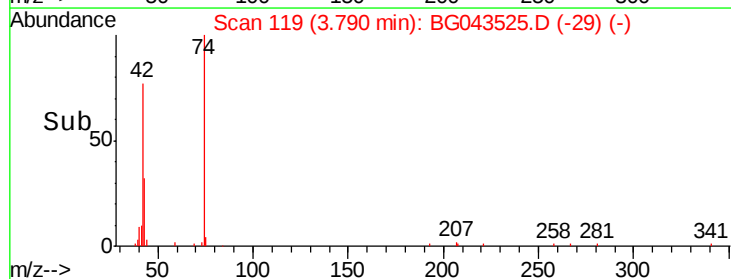
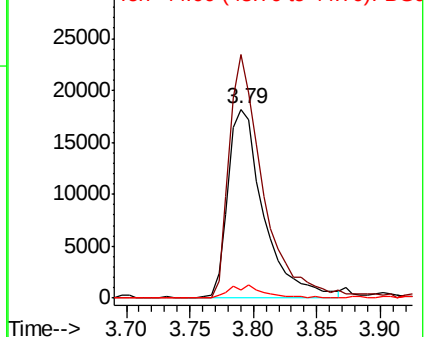
42 100

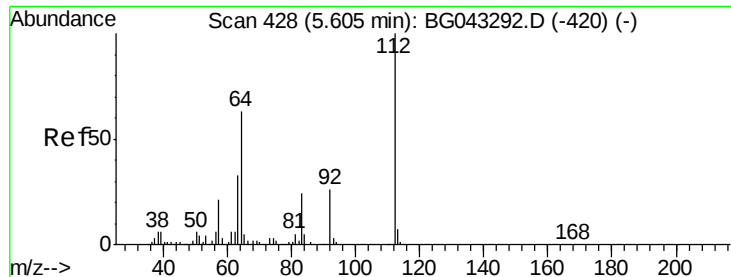
74 129.1 97.3 145.9

44 4.3 4.4 6.6#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 126.180 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.01 min

Lab File: BG043525.D

Acq: 6 Nov 2019 18:13

Instrument :

BNA_G

ClientSampleId :

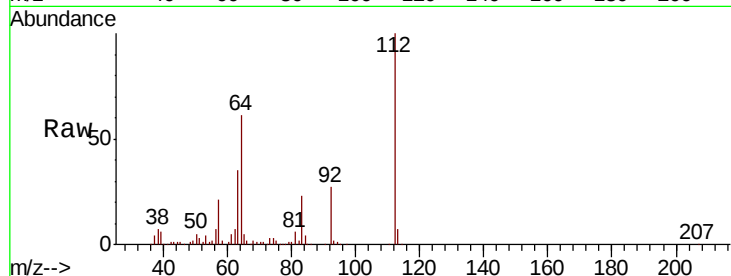
Tot Ion:112 Resp: 224287

Ion Ratio Lower Upper

112 100

64 60.6 50.0 75.0

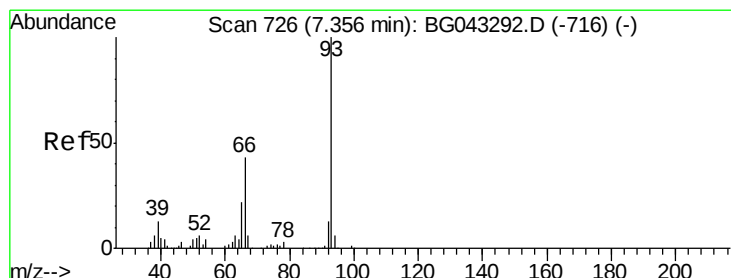
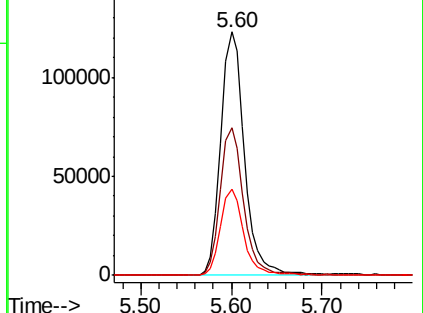
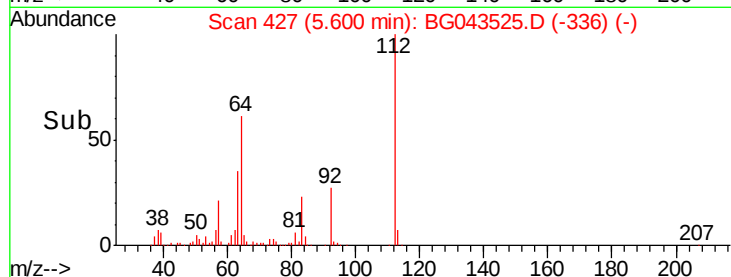
63 35.3 26.6 40.0



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: 26.802 ng

RT: 7.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BG043525.D

Acq: 6 Nov 2019 18:13

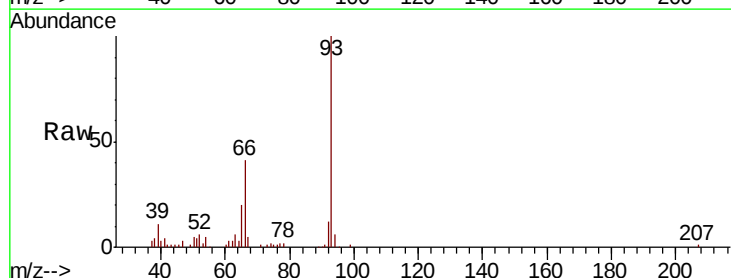
Tgt Ion: 93 Resp: 78960

Ion Ratio Lower Upper

93 100

66 40.8 32.3 48.5

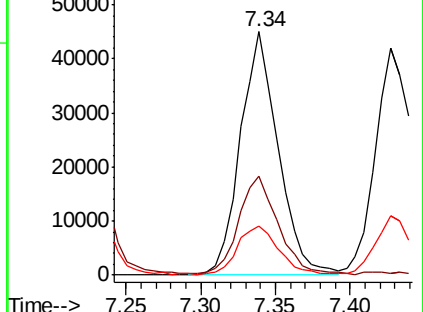
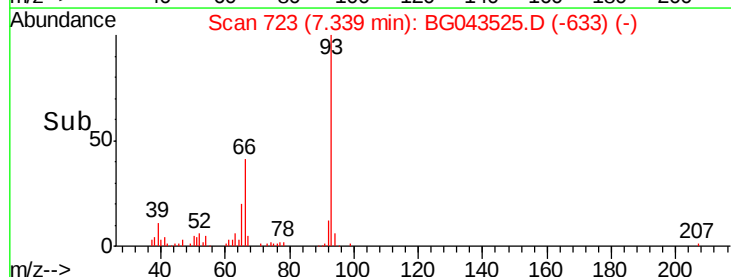
65 20.0 16.1 24.1

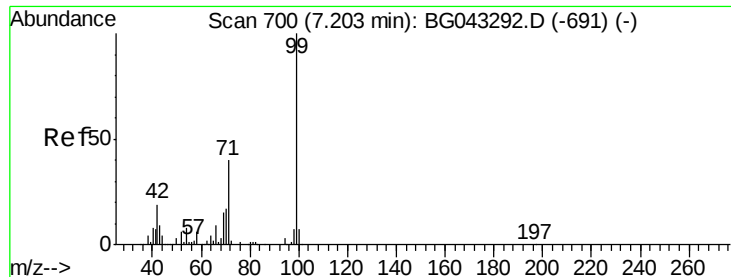


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 117.135 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG043525.D

Acq: 6 Nov 2019 18:13

Instrument :

BNA_G

ClientSampled :

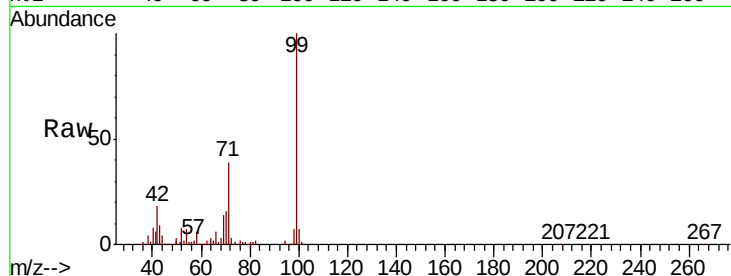
Tot Ion: 99 Resp: 299565

Ion Ratio Lower Upper

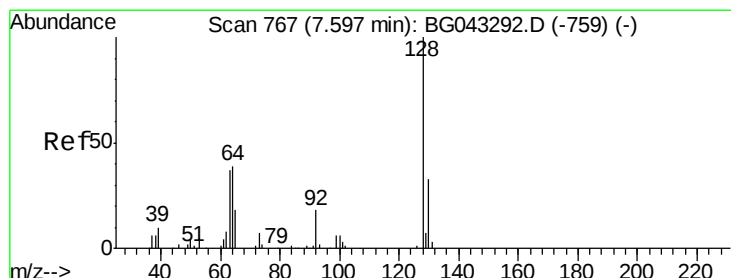
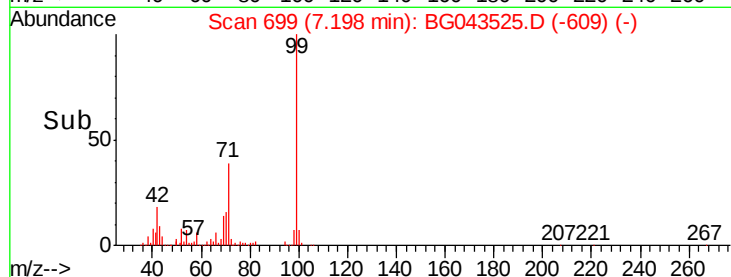
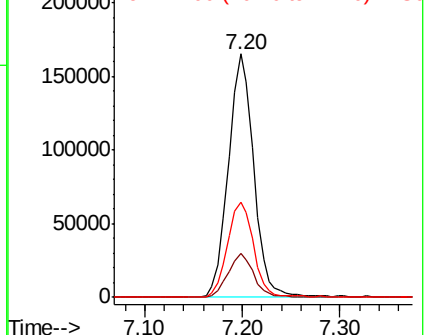
99 100

42 17.9 14.6 21.8

71 39.1 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: 45.995 ng

RT: 7.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BG043525.D

Acq: 6 Nov 2019 18:13

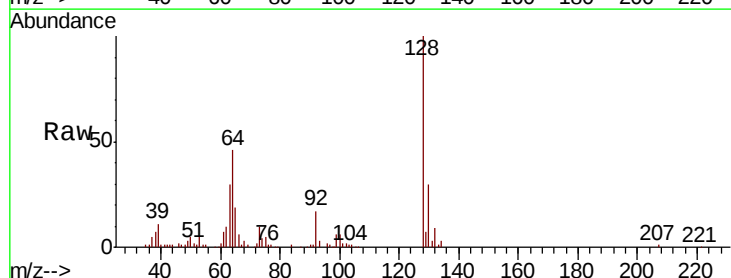
Tgt Ion: 128 Resp: 90249

Ion Ratio Lower Upper

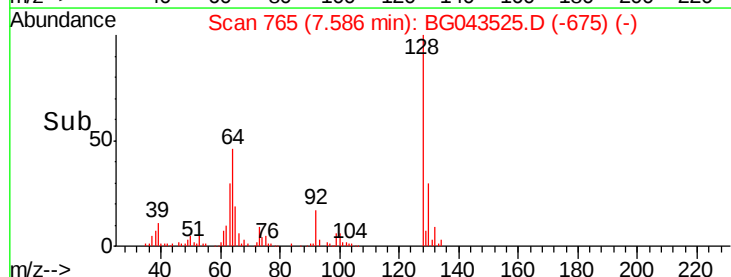
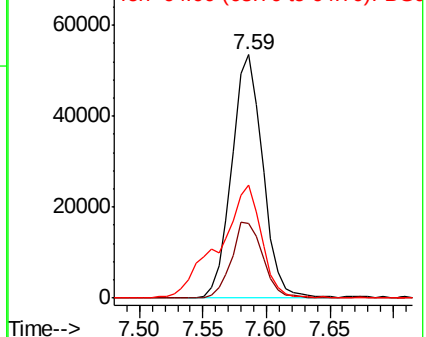
128 100

130 30.5 12.5 52.5

64 46.5 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: 20.231 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG043525.D

Acq: 6 Nov 2019 18:13

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ClientSampleId :

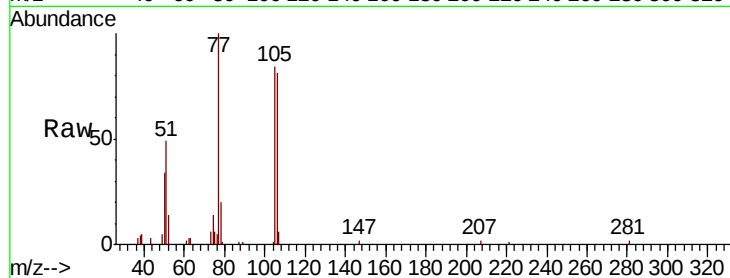
Tot Ion: 77 Resp: 25427

Ion Ratio Lower Upper

77 100

105 84.3 68.6 108.6

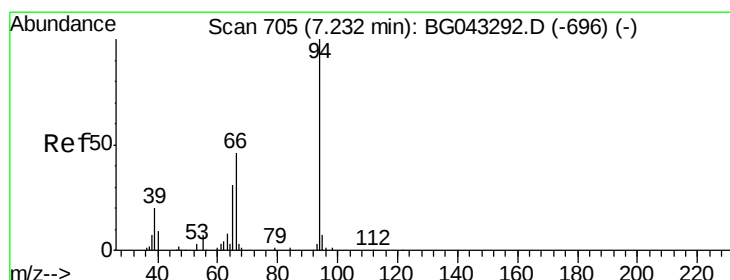
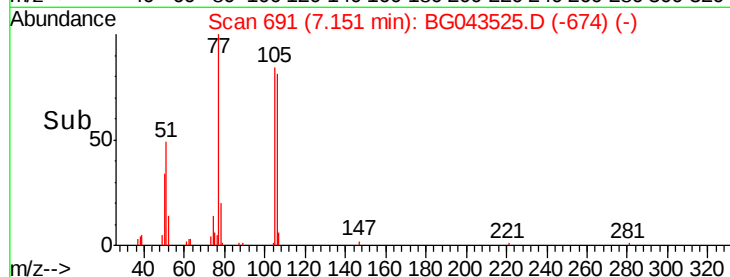
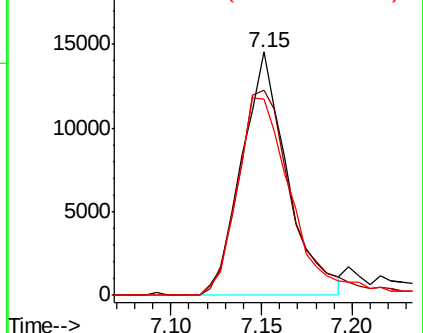
106 80.6 69.9 109.9



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: 46.203 ng

RT: 7.23 min Scan# 704

Delta R.T. 0.01 min

Lab File: BG043525.D

Acq: 6 Nov 2019 18:13

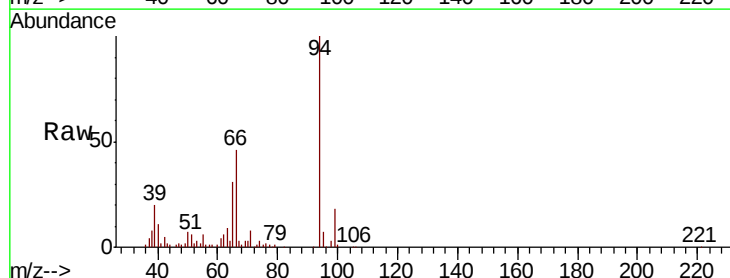
Tgt Ion: 94 Resp: 107975

Ion Ratio Lower Upper

94 100

65 31.3 12.6 52.6

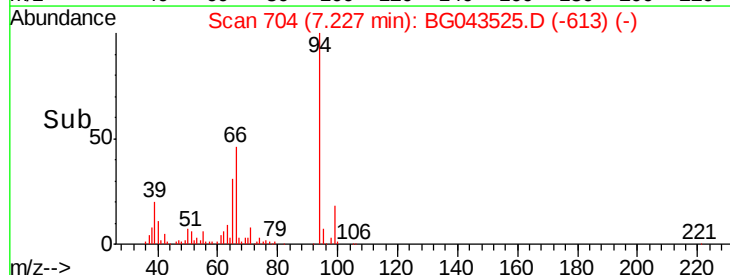
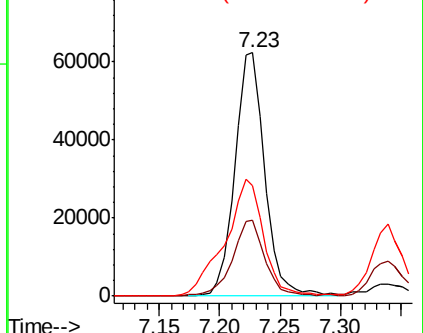
66 45.6 30.7 70.7

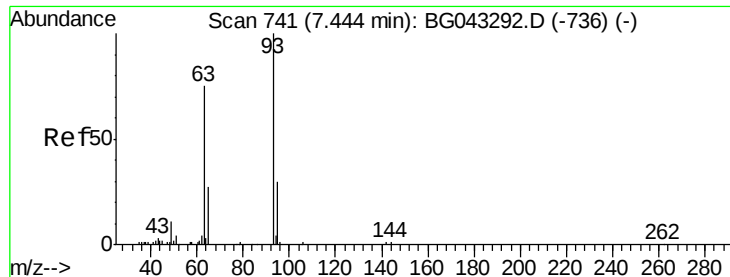


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

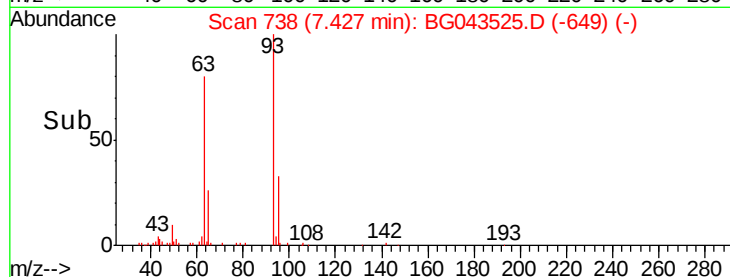
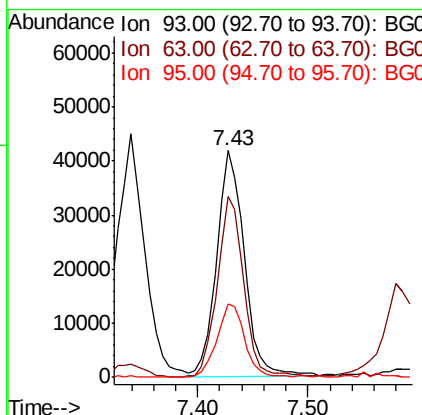
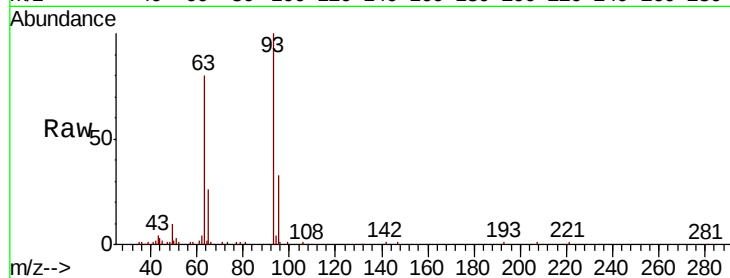




#11
 bis(2-Chloroethyl)ether
 Concen: 40.131 ng
 RT: 7.43 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BG043525.D
 Acq: 6 Nov 2019 18:13

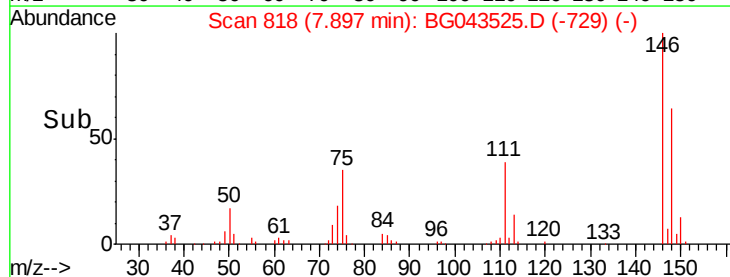
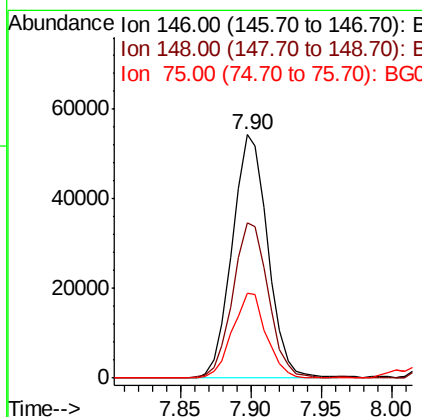
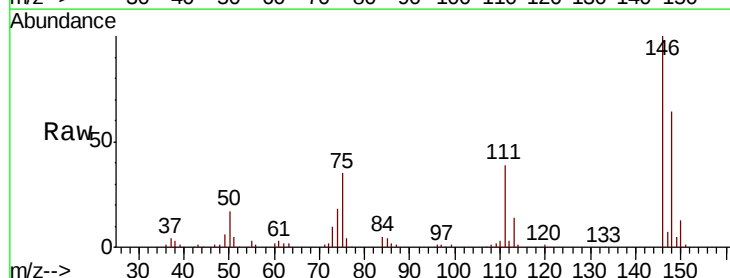
Instrument :
 BNA_G
 ClientSampleId :

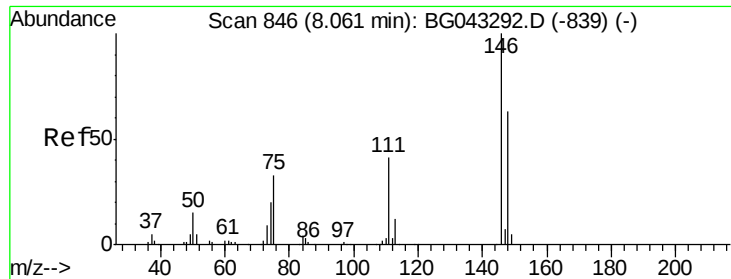
Tot Ion: 93 Resp: 72508
 Ion Ratio Lower Upper
 93 100
 63 79.8 56.3 96.3
 95 32.6 12.2 52.2



#12
 1,3-Dichlorobenzene
 Concen: 38.868 ng
 RT: 7.90 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BG043525.D
 Acq: 6 Nov 2019 18:13

Tgt Ion: 146 Resp: 95555
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.3 75.5
 75 34.9 24.6 37.0





#13

1,4-Dichlorobenzene

Concen: 39.980 ng

RT: 8.04 min Scan# 843

Delta R.T. 0.00 min

Lab File: BG043525.D

Acq: 6 Nov 2019 18:13

Instrument :

BNA_G

ClientSampleId :

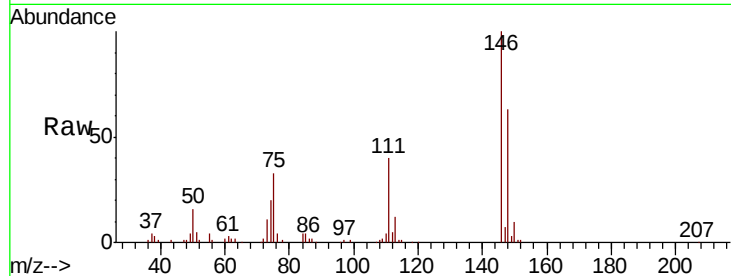
Tot Ion:146 Resp: 99444

Ion Ratio Lower Upper

146 100

148 63.2 50.7 76.1

111 39.6 33.4 50.2

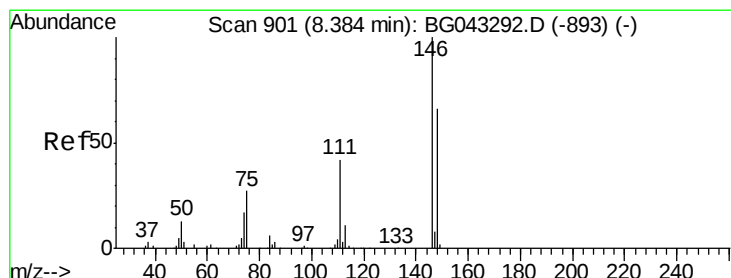
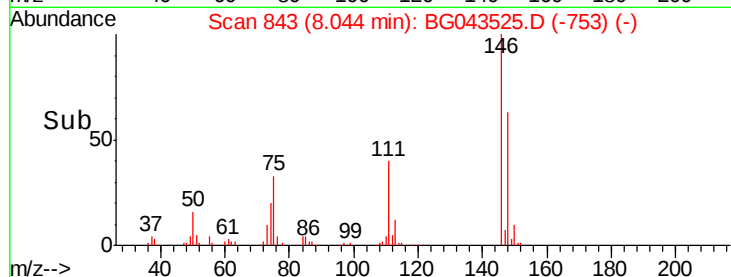
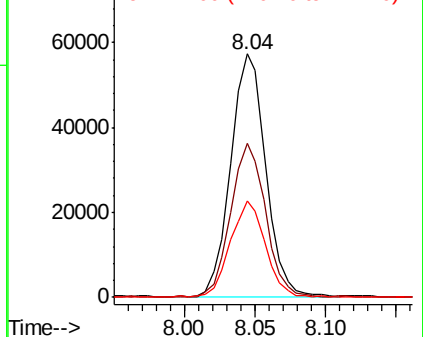


Abundance

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: 38.938 ng

RT: 8.37 min Scan# 898

Delta R.T. 0.00 min

Lab File: BG043525.D

Acq: 6 Nov 2019 18:13

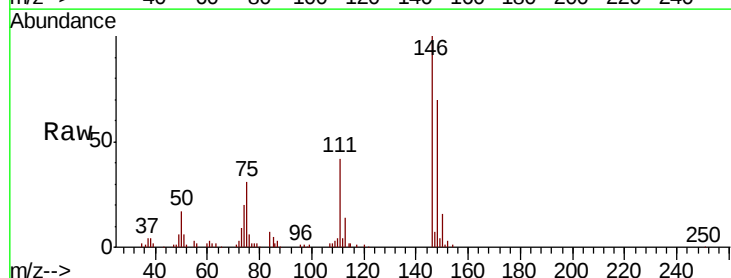
Tgt Ion:146 Resp: 94565

Ion Ratio Lower Upper

146 100

148 69.9 53.2 79.8

111 41.7 35.8 53.6

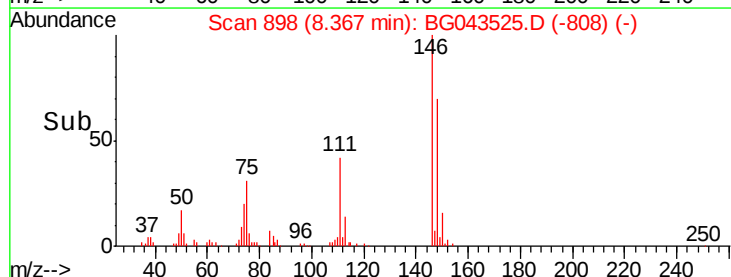
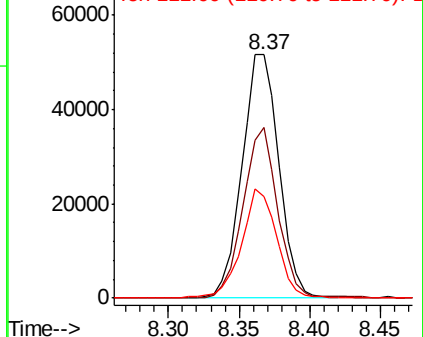


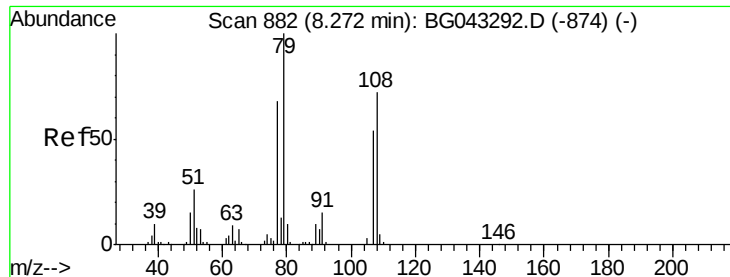
Abundance

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: 42.908 ng

RT: 8.26 min Scan# 879

Delta R.T. 0.00 min

Lab File: BG043525.D

Acq: 6 Nov 2019 18:13

Instrument :

BNA_G

ClientSampleId :

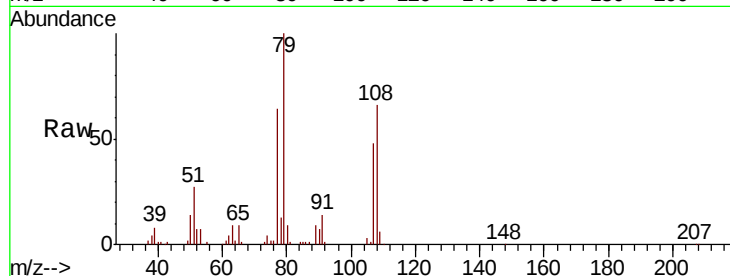
Tot Ion: 79 Resp: 77066

Ion Ratio Lower Upper

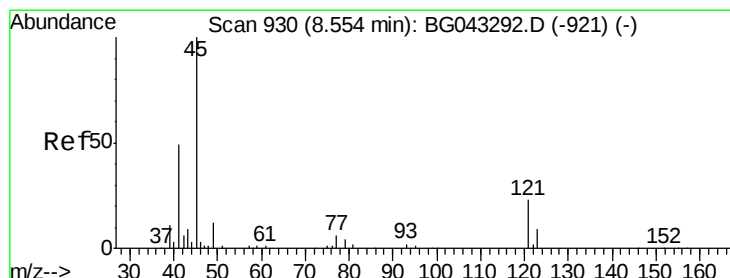
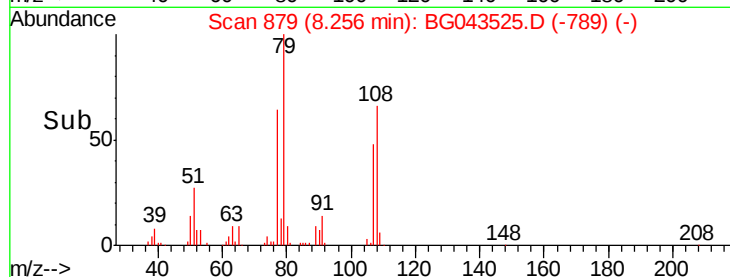
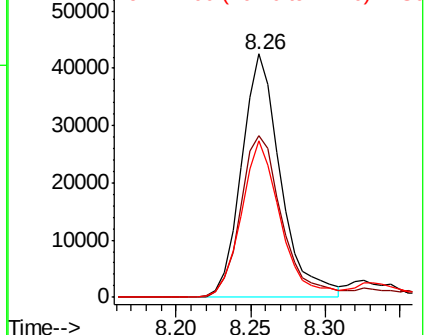
79 100

108 66.3 53.6 80.4

77 64.4 49.6 74.4



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.520 ng

RT: 8.54 min Scan# 927

Delta R.T. -0.00 min

Lab File: BG043525.D

Acq: 6 Nov 2019 18:13

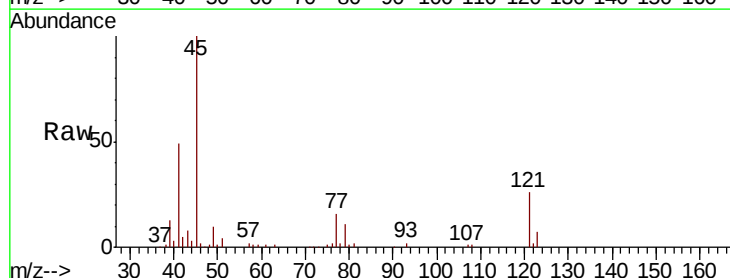
Tgt Ion: 45 Resp: 98573

Ion Ratio Lower Upper

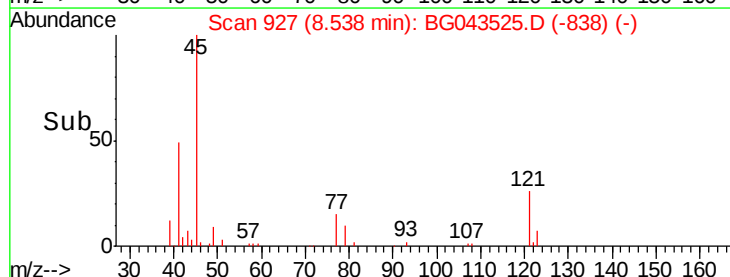
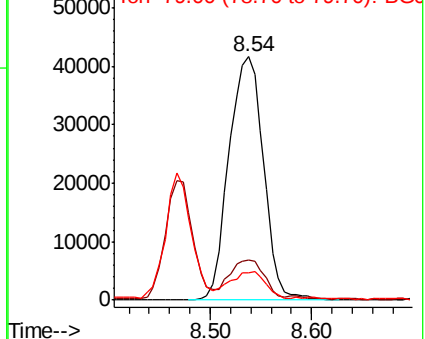
45 100

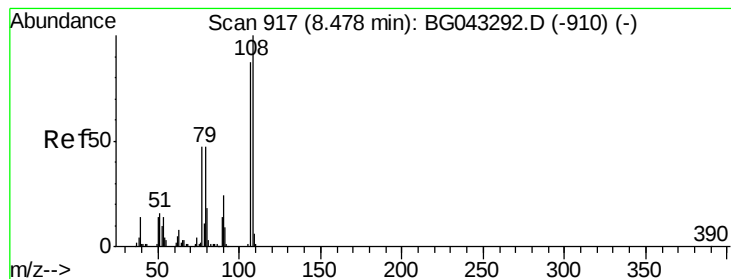
77 16.5 0.0 34.9

79 11.3 0.0 33.0



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

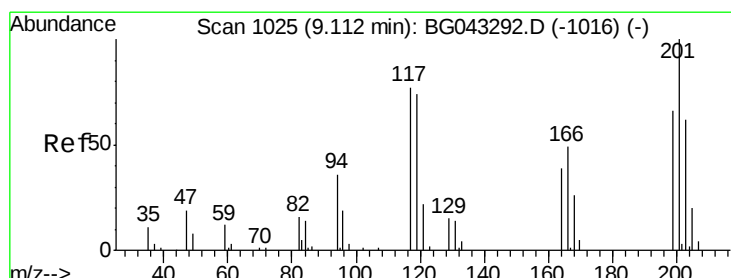
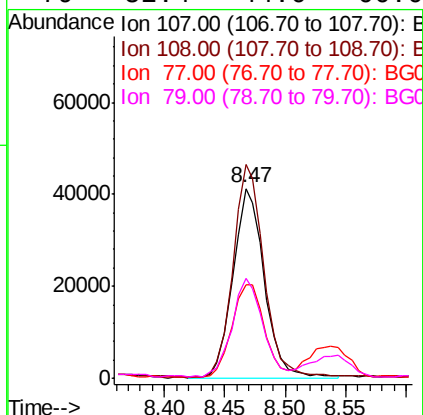
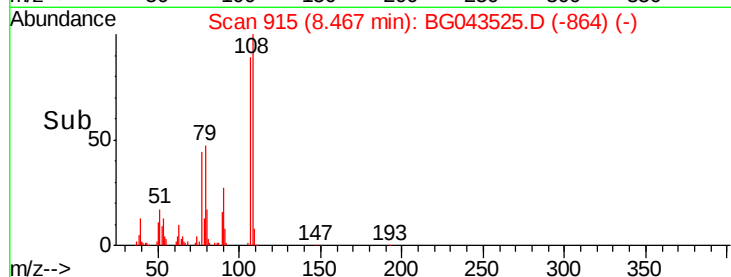
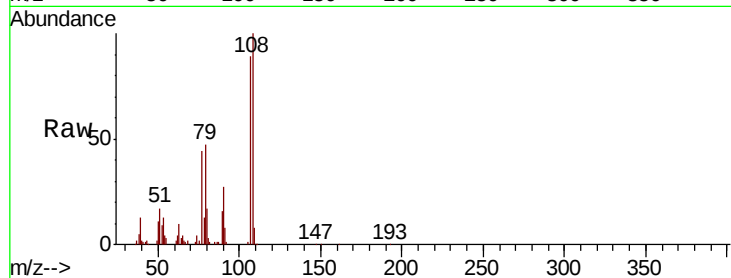




#17
2-Methylphenol
Concen: 44.114 ng
RT: 8.47 min Scan# 915
Delta R.T. 0.00 min
Lab File: BG043525.D
Acq: 6 Nov 2019 18:13

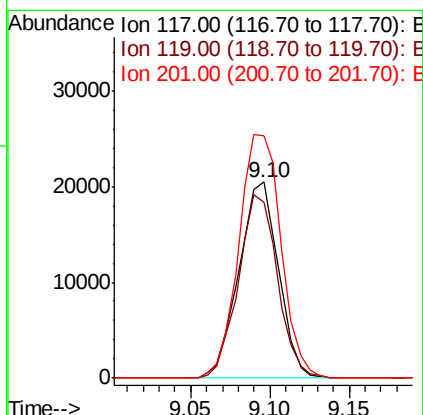
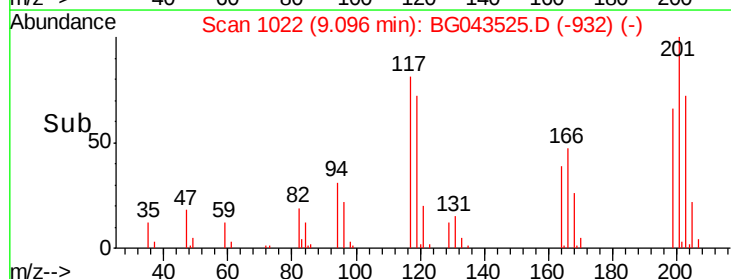
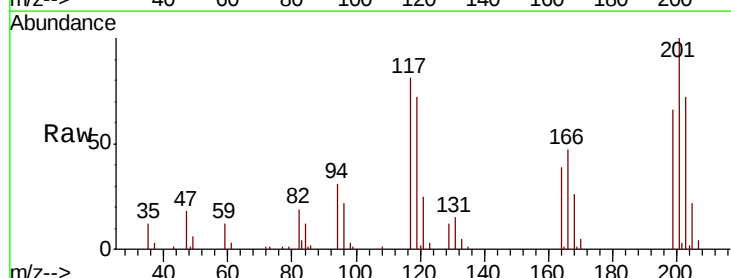
Instrument :
BNA_G
ClientSampleId :

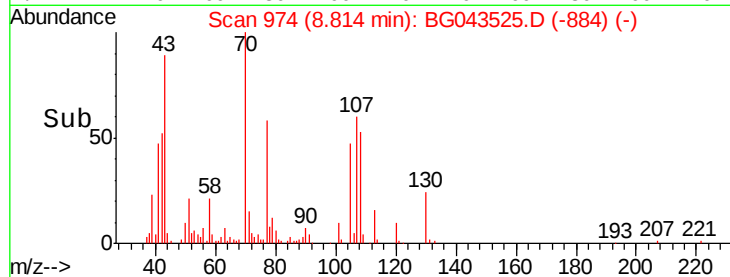
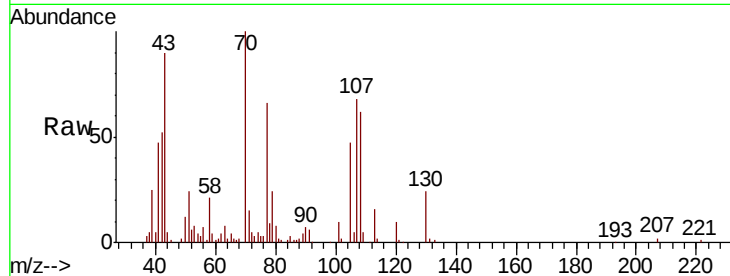
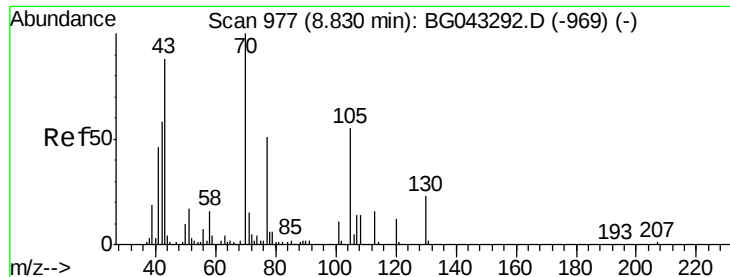
Tot Ion:107 Resp: 75155
Ion Ratio Lower Upper
107 100
108 112.4 90.2 135.4
77 49.2 40.2 60.2
79 52.4 44.0 66.0



#18
Hexachloroethane
Concen: 39.622 ng
RT: 9.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BG043525.D
Acq: 6 Nov 2019 18:13

Tgt Ion:117 Resp: 35557
Ion Ratio Lower Upper
117 100
119 89.6 79.0 118.4
201 123.7 105.4 158.2

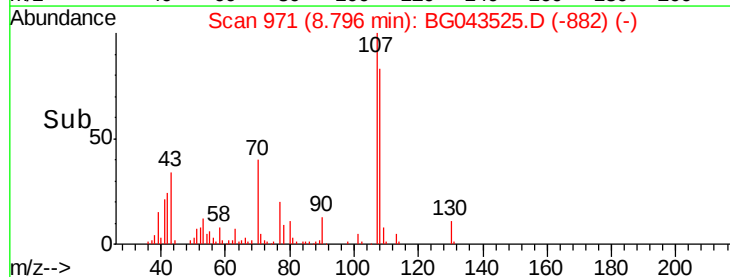
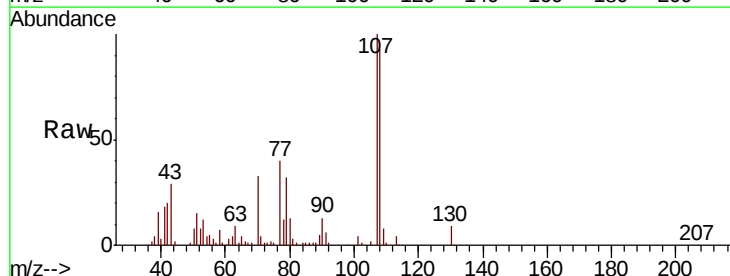
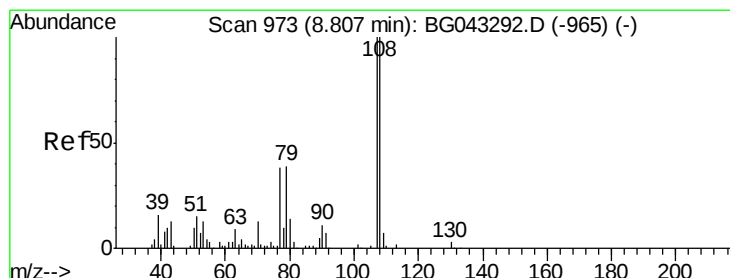
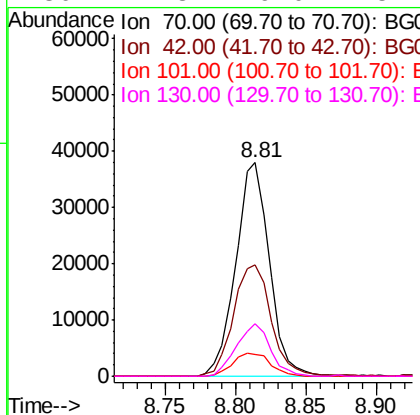




#19
n-Nitroso-di-n-propylamine
Concen: 38.156 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG043525.D
Acq: 6 Nov 2019 18:13

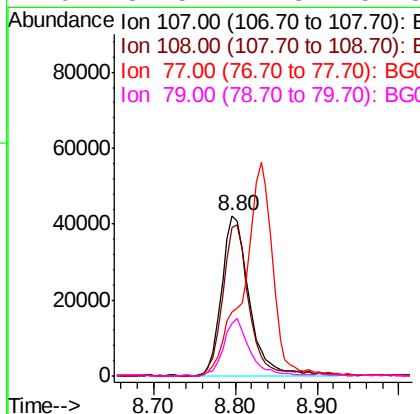
Instrument :
BNA_G
ClientSampleId :

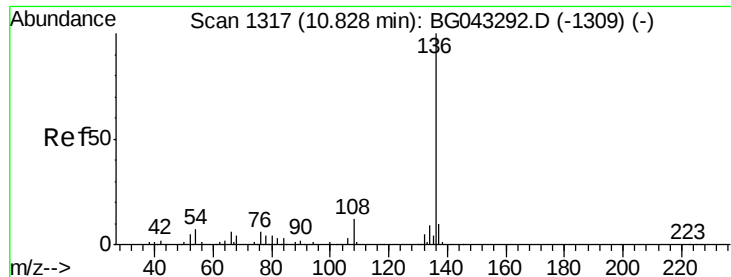
Tot Ion:	70	Resp:	63055
Ion	Ratio	Lower	Upper
70	100		
42	52.2	41.4	62.2
101	10.2	7.9	11.9
130	24.3	19.0	28.4



#20
3+4-Methylphenols
Concen: 42.773 ng
RT: 8.80 min Scan# 971
Delta R.T. -0.00 min
Lab File: BG043525.D
Acq: 6 Nov 2019 18:13

Tgt Ion:	107	Resp:	99922
Ion	Ratio	Lower	Upper
107	100		
108	92.8	66.6	106.6
77	39.6	20.9	60.9
79	32.5	11.3	51.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1314

Delta R.T. -0.00 min

Lab File: BG043525.D

Acq: 6 Nov 2019 18:13

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 133356

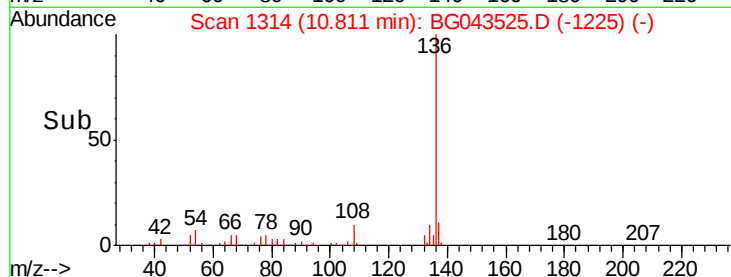
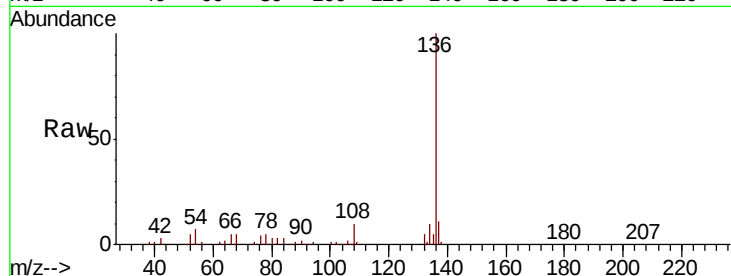
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 6.7 5.4 8.2

68 4.6 3.0 4.4#

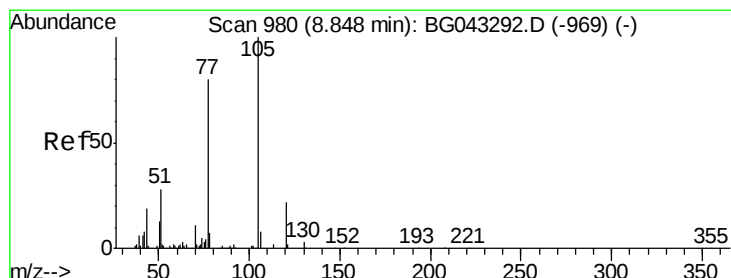
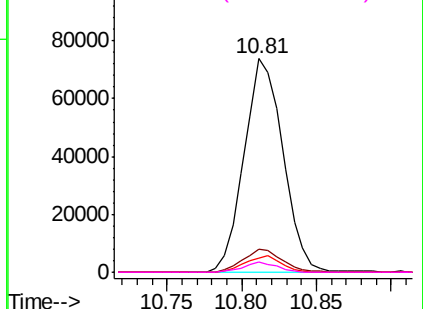


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22

Acetophenone

Concen: 36.940 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BG043525.D

Acq: 6 Nov 2019 18:13

Tgt Ion:105 Resp: 126155

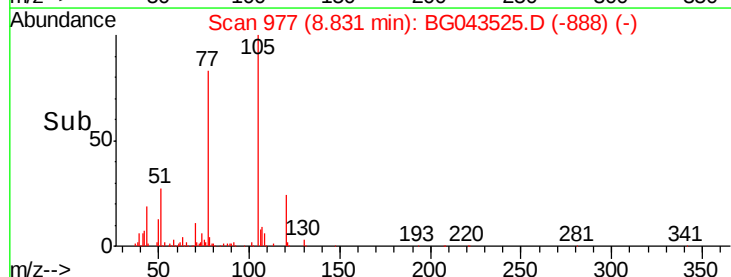
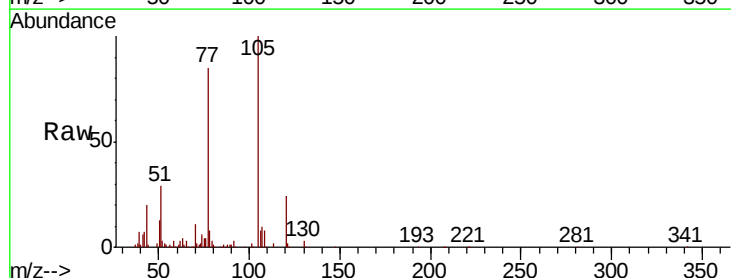
Ion Ratio Lower Upper

105 100

71 2.2 0.8 1.2#

51 28.5 21.0 31.4

120 23.6 18.0 27.0

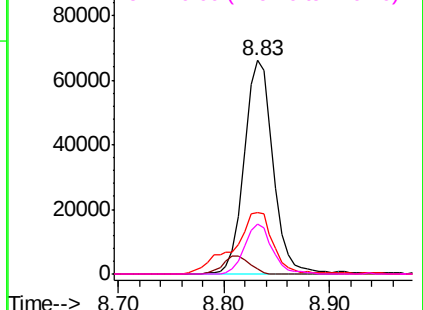


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E

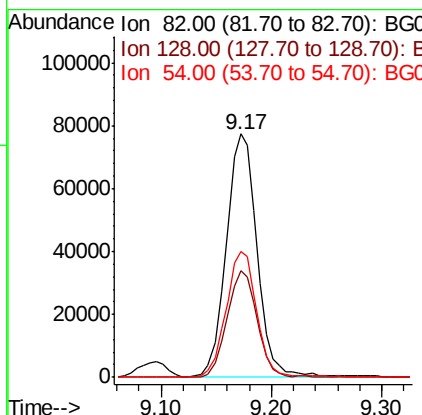
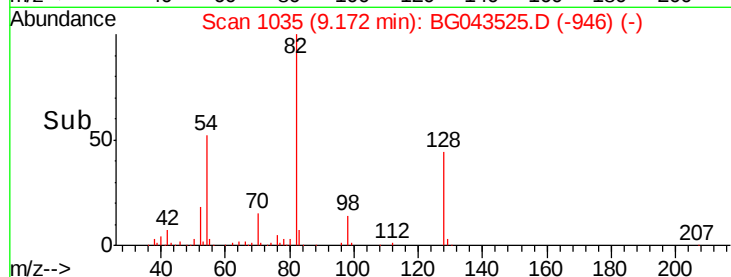
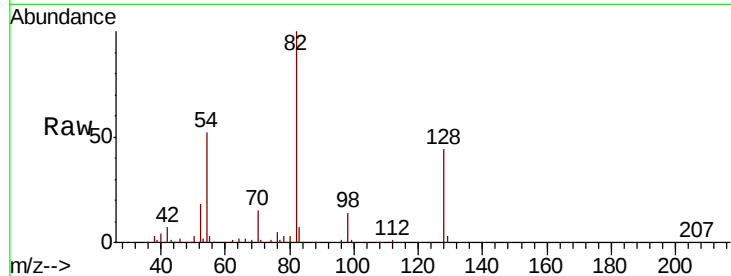




#23
 Nitrobenzene-d5
 Concen: 57.638 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BG043525.D
 Acq: 6 Nov 2019 18:13

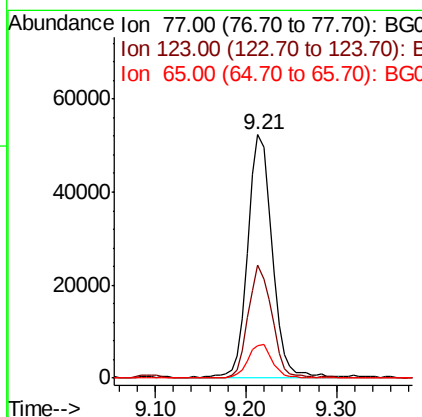
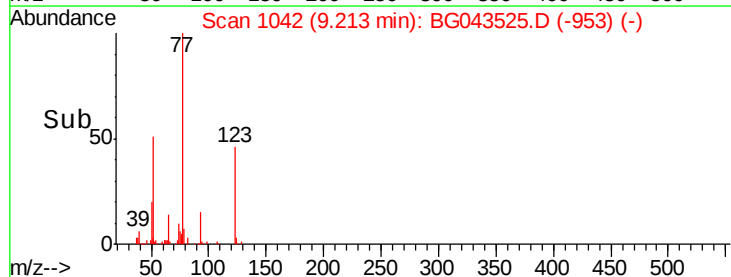
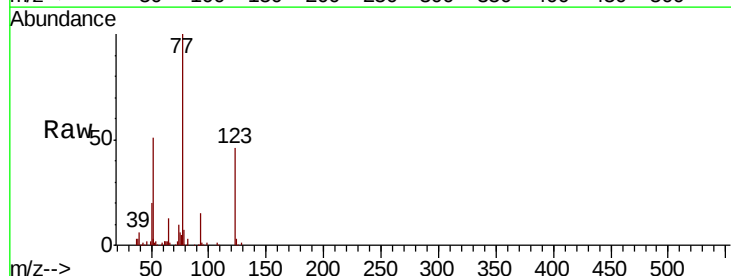
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82	Resp	149092
Ion Ratio	100	Lower	Upper
128	43.9	35.0	52.6
54	51.9	40.2	60.2



#24
 Nitrobenzene
 Concen: 40.049 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG043525.D
 Acq: 6 Nov 2019 18:13

Tgt Ion	77	Resp	98686
Ion Ratio	100	Lower	Upper
123	46.2	35.0	52.6
65	13.5	9.5	14.3





#25

Isophorone

Concen: 37.897 ng

RT: 9.74 min Scan# 1131

Delta R.T. 0.00 min

Lab File: BG043525.D

Acq: 6 Nov 2019 18:13

Instrument :

BNA_G

ClientSampleId :

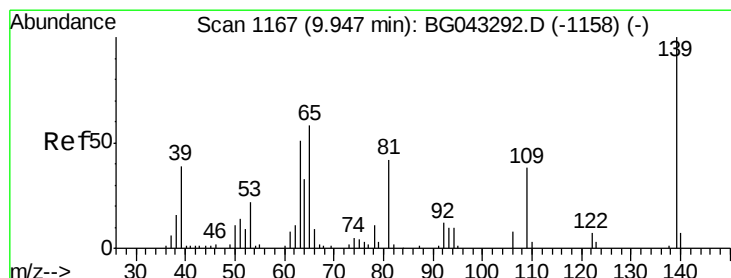
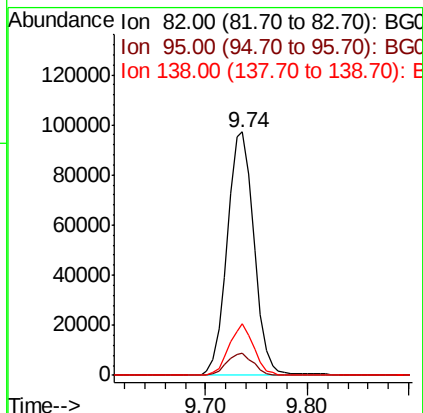
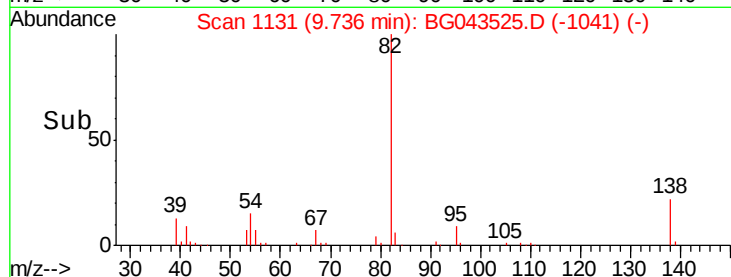
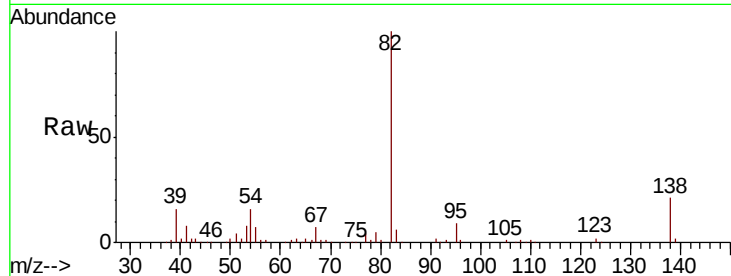
Tot Ion: 82 Resp: 179224

Ion Ratio Lower Upper

82 100

95 9.1 6.6 9.8

138 21.0 15.2 22.8



#26

2-Nitrophenol

Concen: 42.024 ng

RT: 9.93 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BG043525.D

Acq: 6 Nov 2019 18:13

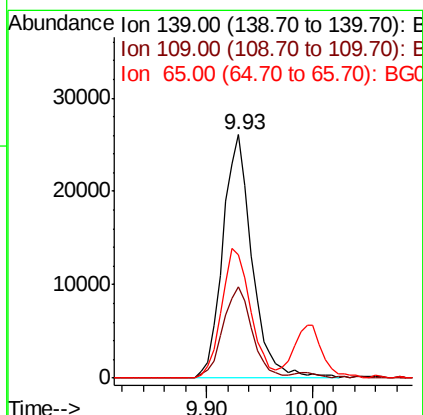
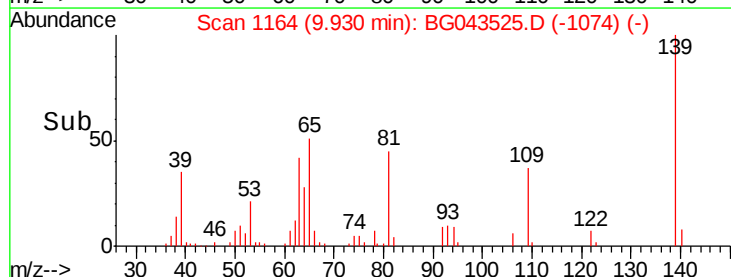
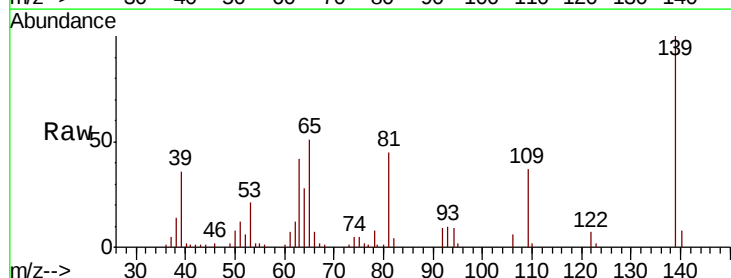
Tgt Ion: 139 Resp: 49993

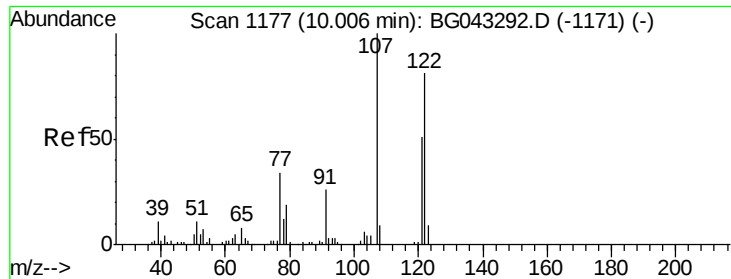
Ion Ratio Lower Upper

139 100

109 37.4 26.5 39.7

65 50.7 43.8 65.8

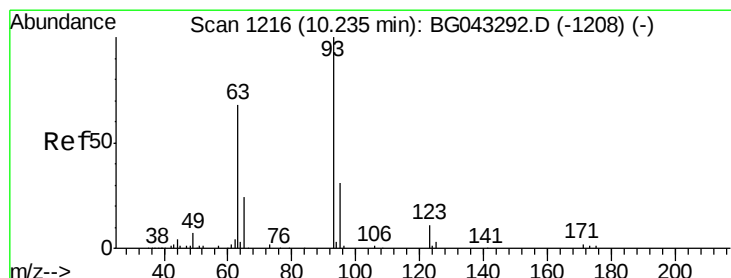
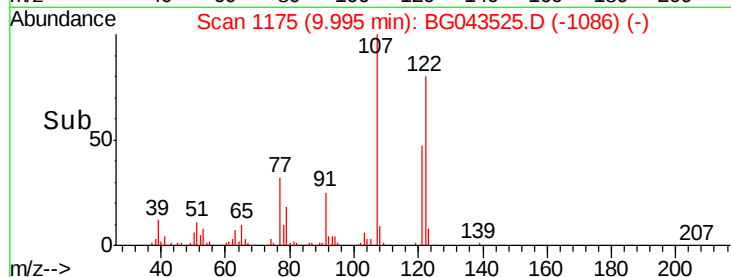
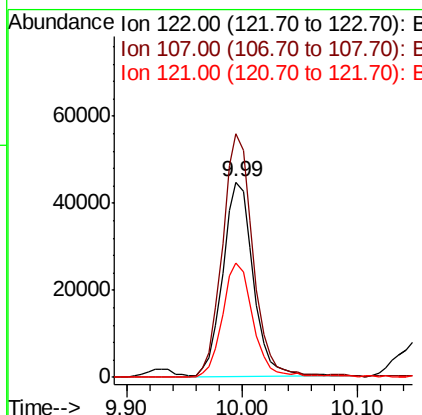
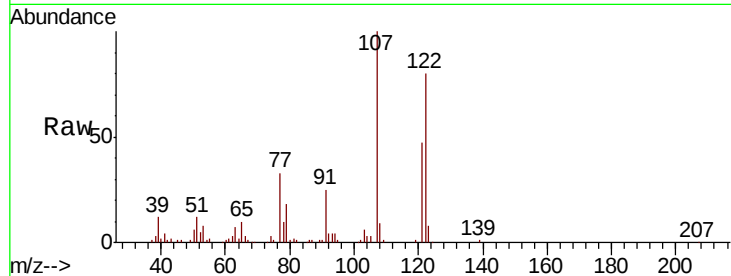




#27
 2,4-Dimethylphenol
 Concen: 47.922 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BG043525.D
 Acq: 6 Nov 2019 18:13

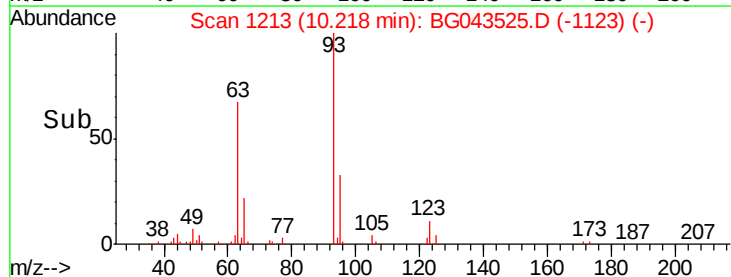
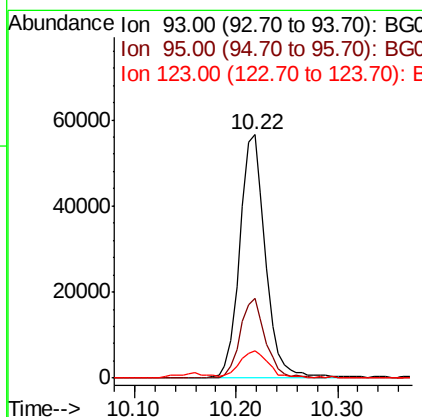
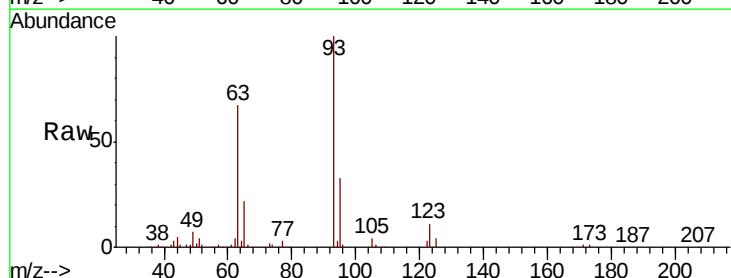
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 81710
 Ion Ratio Lower Upper
 122 100
 107 124.8 104.4 156.6
 121 58.4 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.161 ng
 RT: 10.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BG043525.D
 Acq: 6 Nov 2019 18:13

Tgt Ion: 93 Resp: 99606
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.0 39.0
 123 11.3 10.6 15.8

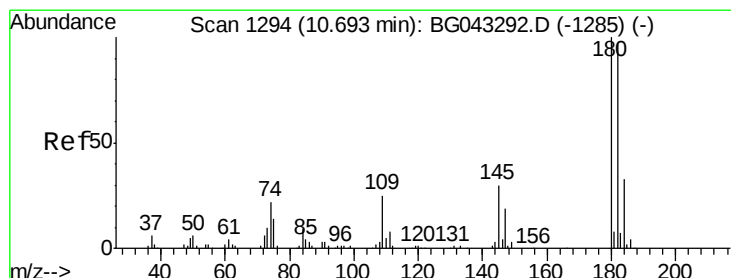
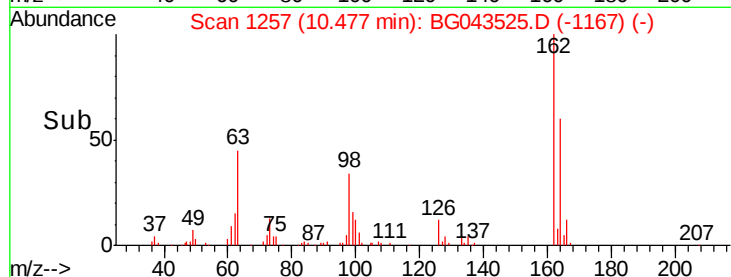
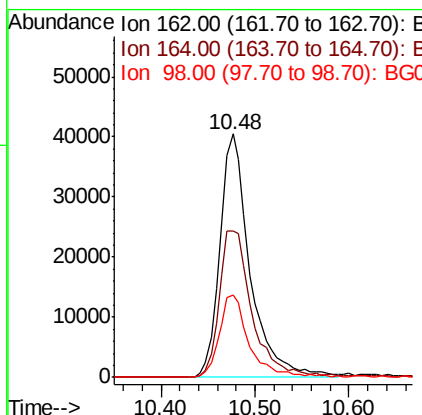
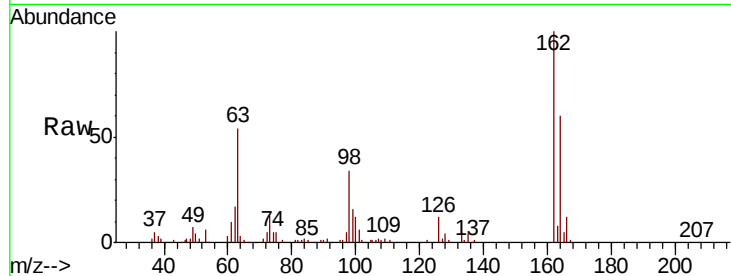




#29
 2,4-Dichlorophenol
 Concen: 41.509 ng
 RT: 10.48 min Scan# 1257
 Delta R.T. 0.00 min
 Lab File: BG043525.D
 Acq: 6 Nov 2019 18:13

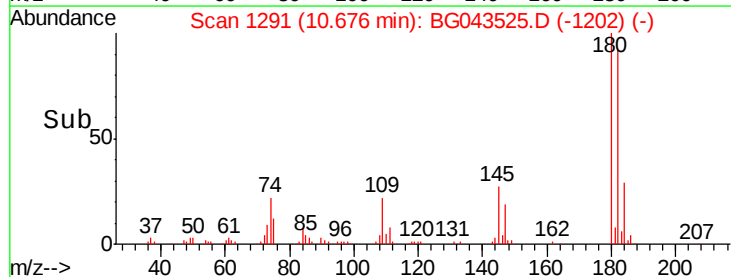
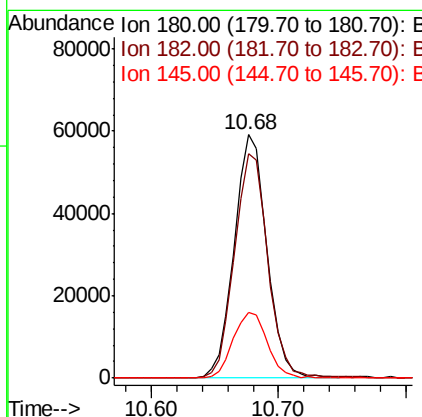
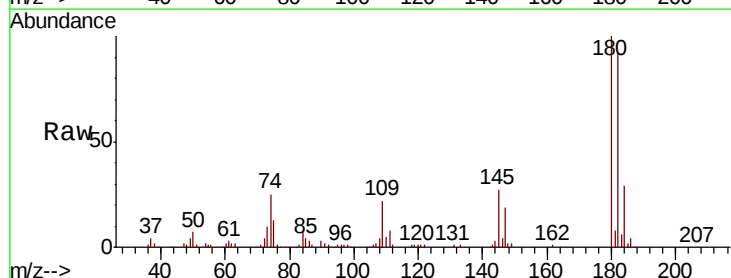
Instrument :
 BNA_G
 ClientSampled :

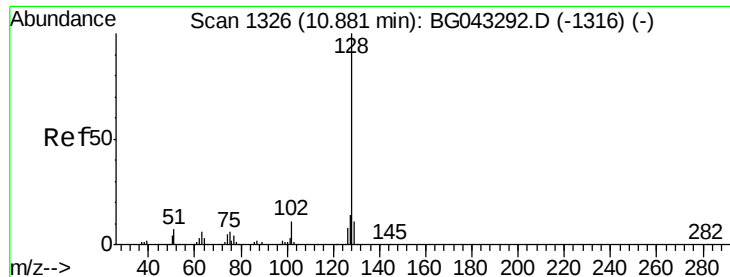
Tot Ion	Ratio	Lower	Upper
162	100		
164	60.1	48.9	88.9
98	34.0	15.1	55.1



#30
 1,2,4-Trichlorobenzene
 Concen: 38.227 ng
 RT: 10.68 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: BG043525.D
 Acq: 6 Nov 2019 18:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.3	75.1	112.7
145	27.2	23.9	35.9

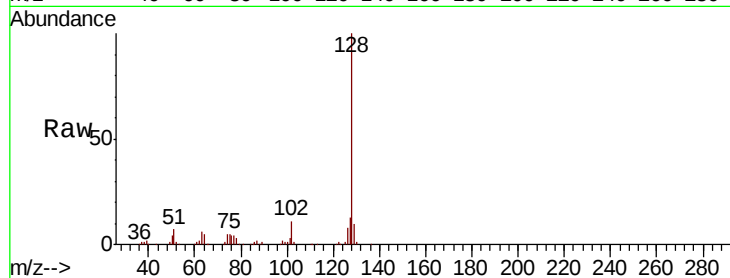




#31
Naphthalene
Concen: 40.517 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG043525.D
Acq: 6 Nov 2019 18:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.1	9.4	14.0
127	13.4	11.1	16.7

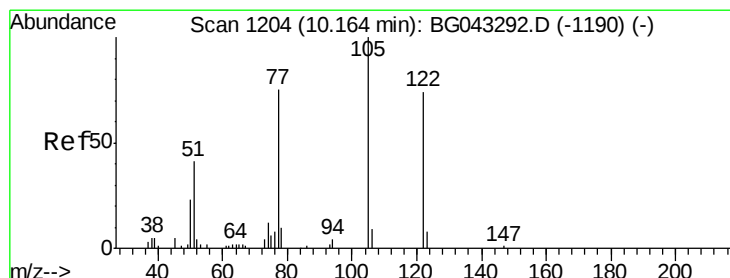
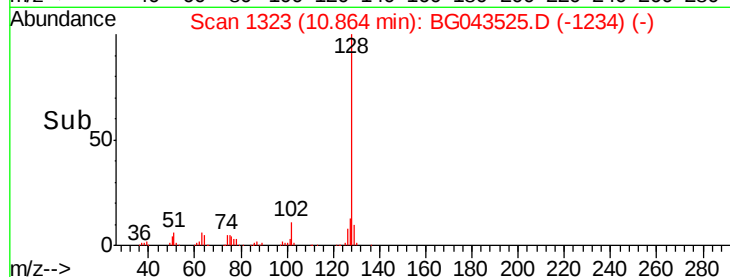
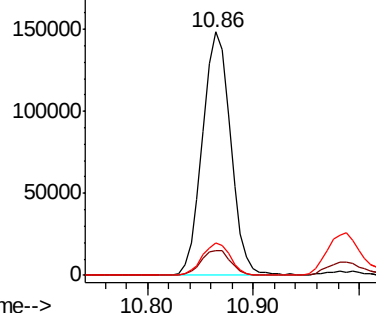


Abundance

Ion 128.00 (127.70 to 128.70): E

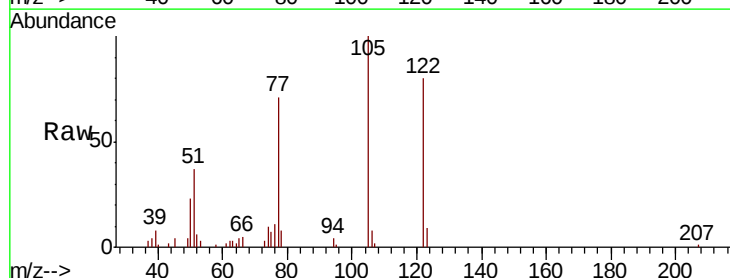
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 31.189 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BG043525.D
Acq: 6 Nov 2019 18:13

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.9	103.3	143.3
77	89.2	84.9	124.9

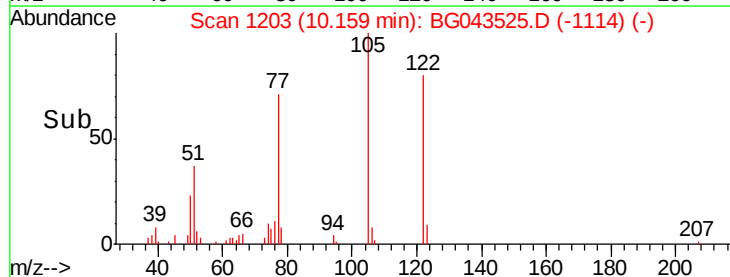
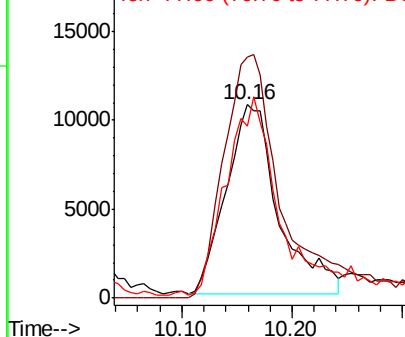


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGO

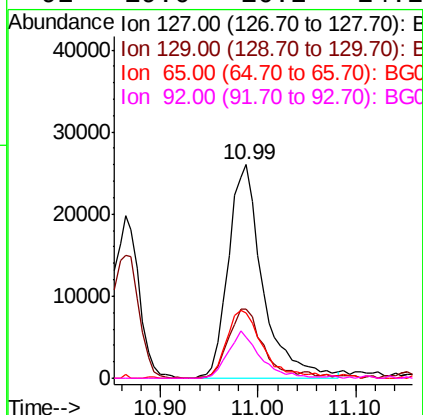
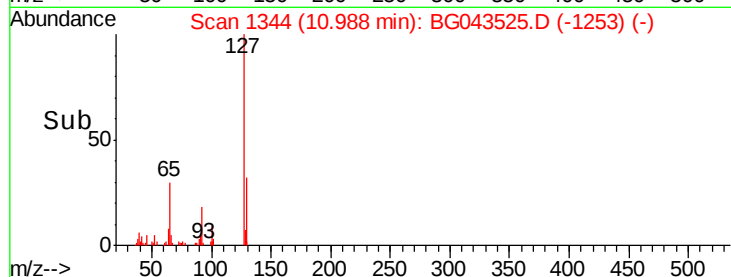
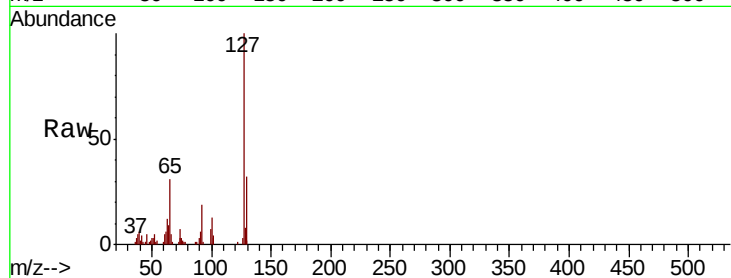




#33
4-Chloroaniline
Concen: 22.961 ng
RT: 10.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BG043525.D
Acq: 6 Nov 2019 18:13

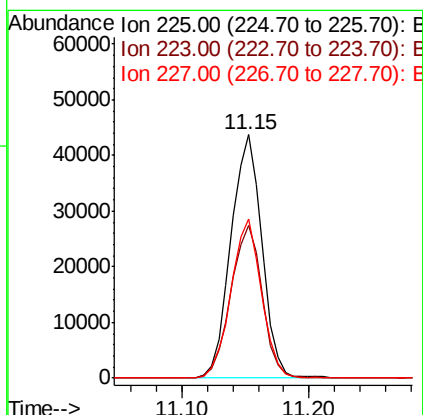
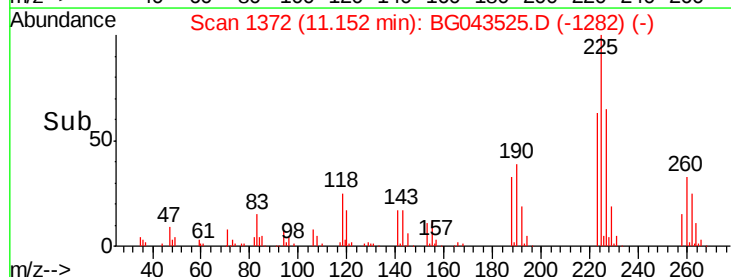
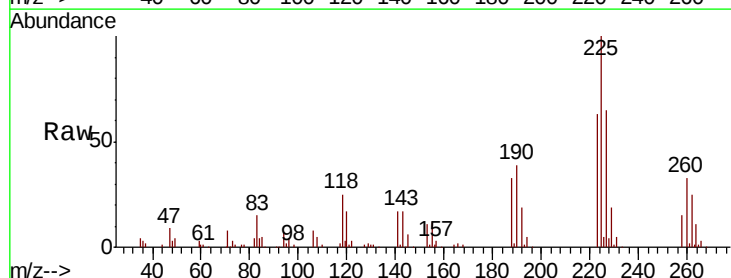
Instrument :
BNA_G
ClientSampleId :

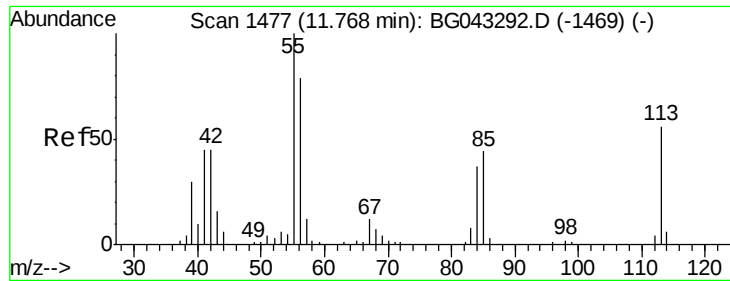
Tot Ion:	127	Resp:	63711
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.5	39.7
65	30.6	26.4	39.6
92	19.0	16.2	24.2



#34
Hexachlorobutadiene
Concen: 36.182 ng
RT: 11.15 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BG043525.D
Acq: 6 Nov 2019 18:13

Tgt Ion:	225	Resp:	73646
Ion	Ratio	Lower	Upper
225	100		
223	62.5	52.7	79.1
227	65.2	54.8	82.2





#35

Caprolactam

Concen: 28.523 ng

RT: 11.75 min Scan# 1473

Delta R.T. -0.00 min

Lab File: BG043525.D

Acq: 6 Nov 2019 18:13

Instrument :

BNA_G

ClientSampleId :

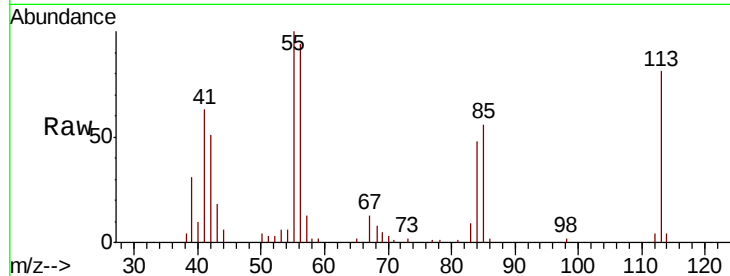
Tot Ion:113 Resp: 21461

Ion Ratio Lower Upper

113 100

55 122.8 134.1 174.1#

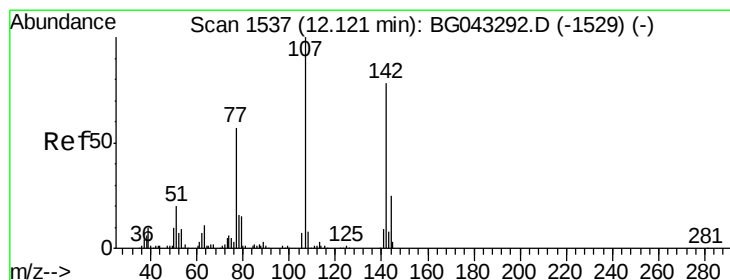
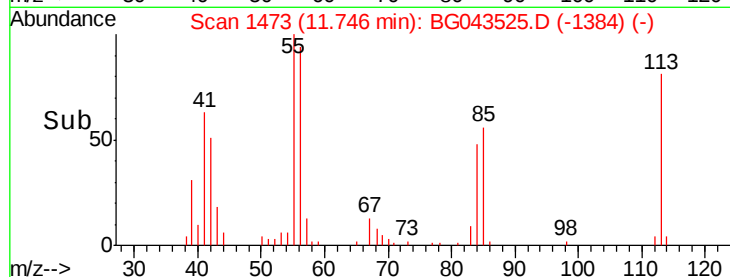
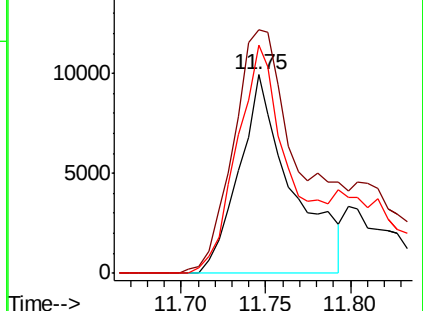
56 115.5 100.4 140.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 39.672 ng

RT: 12.12 min Scan# 1536

Delta R.T. 0.00 min

Lab File: BG043525.D

Acq: 6 Nov 2019 18:13

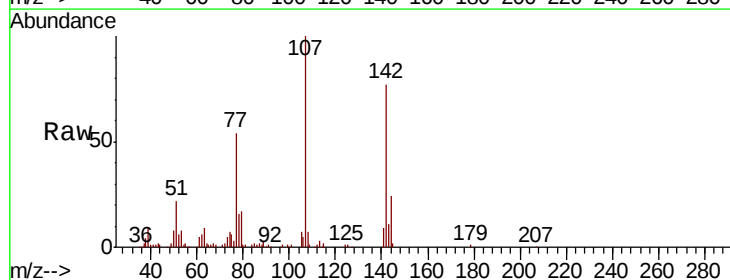
Tgt Ion:107 Resp: 94538

Ion Ratio Lower Upper

107 100

144 23.6 20.9 31.3

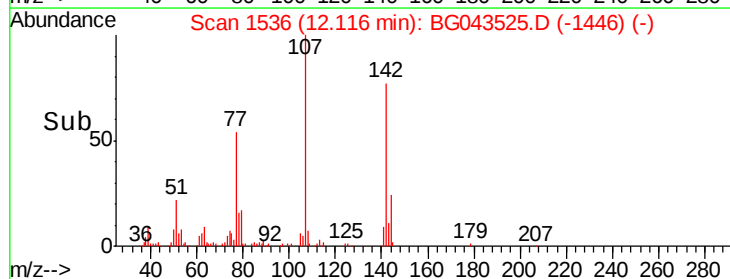
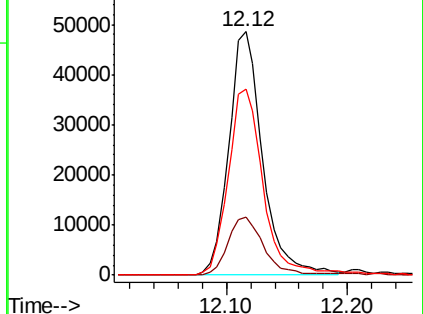
142 76.6 59.6 89.4

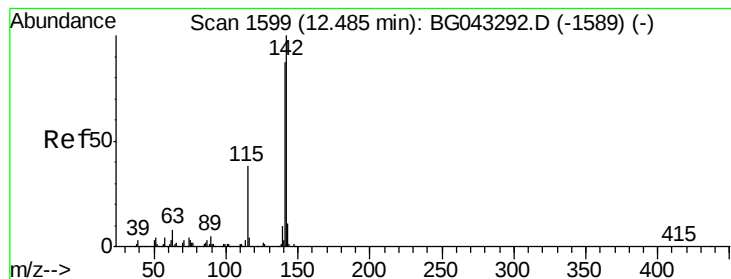


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.413 ng

RT: 12.47 min Scan# 1596

Delta R.T. 0.00 min

Lab File: BG043525.D

Acq: 6 Nov 2019 18:13

Instrument :

BNA_G

ClientSampleId :

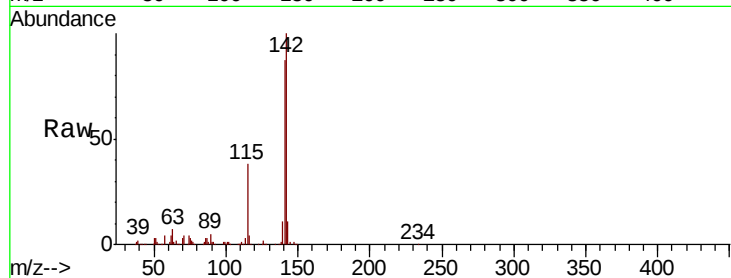
Tot Ion:142 Resp: 204701

Ion Ratio Lower Upper

142 100

141 86.7 72.2 108.2

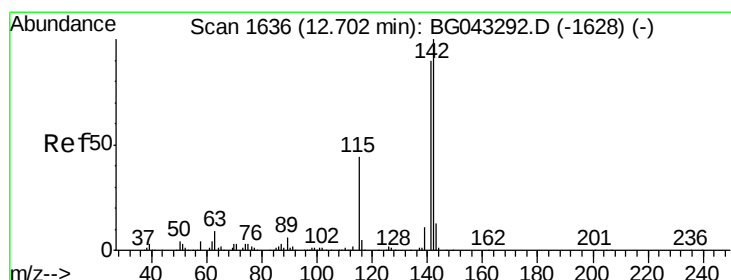
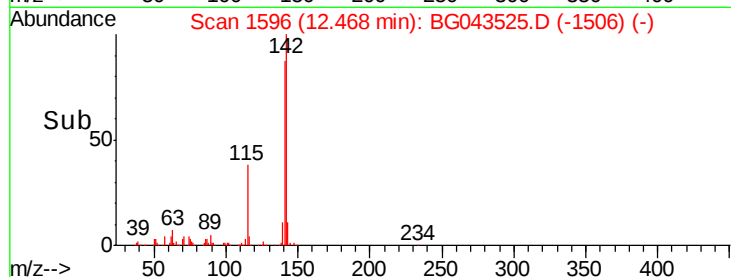
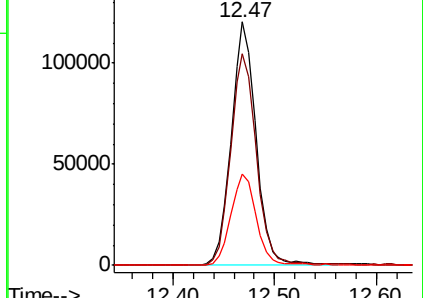
115 37.5 33.2 49.8



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: 38.826 ng

RT: 12.69 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BG043525.D

Acq: 6 Nov 2019 18:13

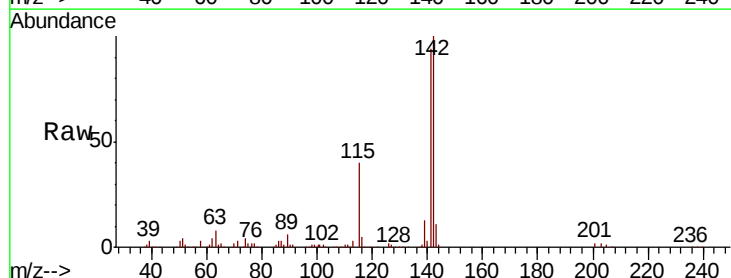
Tgt Ion:142 Resp: 191871

Ion Ratio Lower Upper

142 100

141 93.8 73.2 109.8

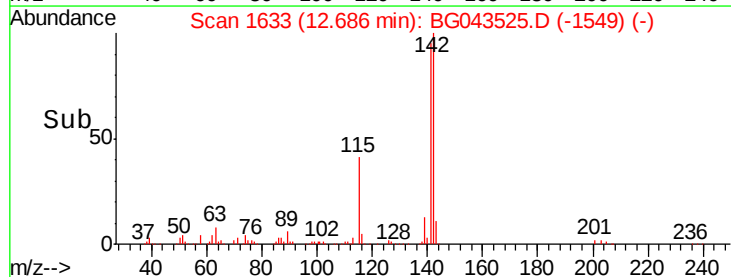
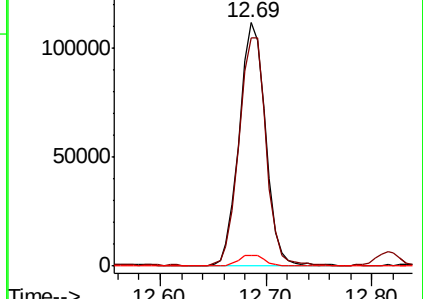
116 4.5 3.6 5.4



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: BG043525.D

Acq: 6 Nov 2019 18:13

Instrument :

BNA_G

ClientSampleId :

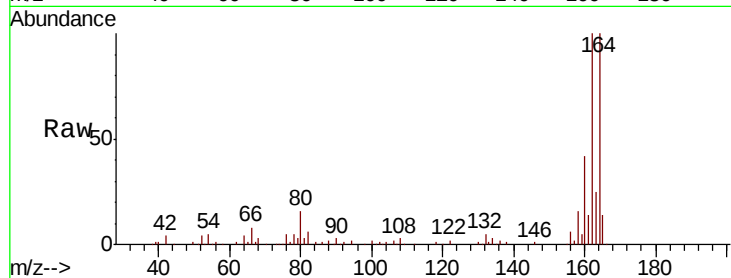
Tot Ion:164 Resp: 95922

Ion Ratio Lower Upper

164 100

162 100.2 83.5 125.3

160 42.2 36.5 54.7

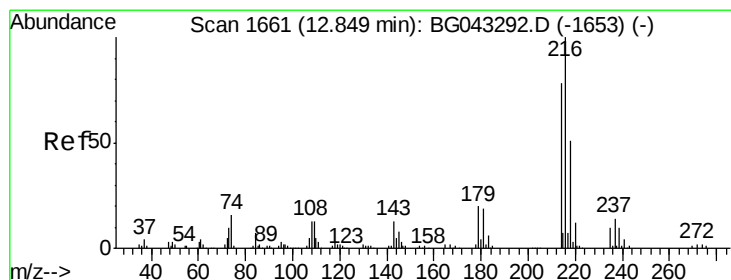
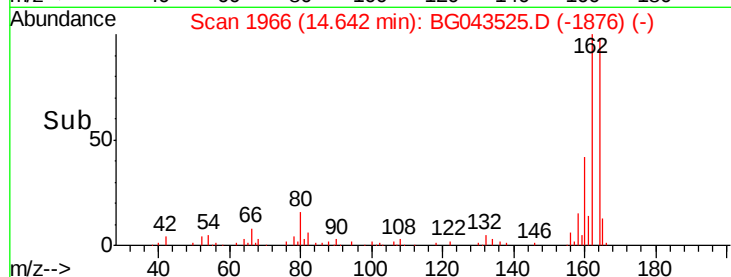
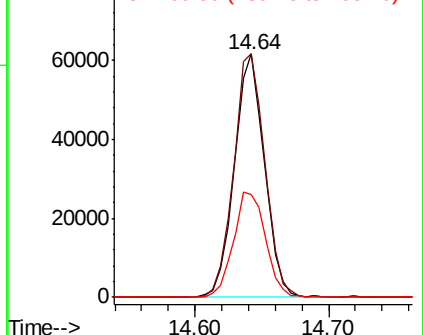


Abundance

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: 36.198 ng

RT: 12.84 min Scan# 1659

Delta R.T. 0.00 min

Lab File: BG043525.D

Acq: 6 Nov 2019 18:13

Tgt Ion:216 Resp: 128502

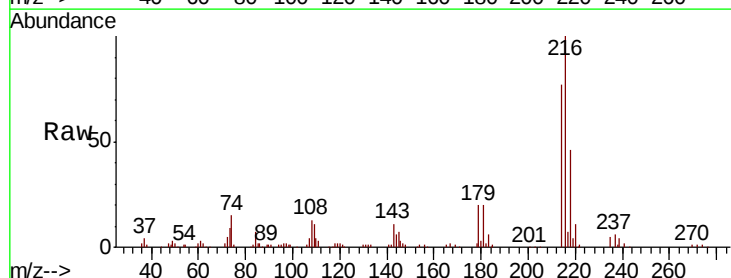
Ion Ratio Lower Upper

216 100

214 77.6 61.7 92.5

179 19.7 15.8 23.8

108 15.3 11.5 17.3



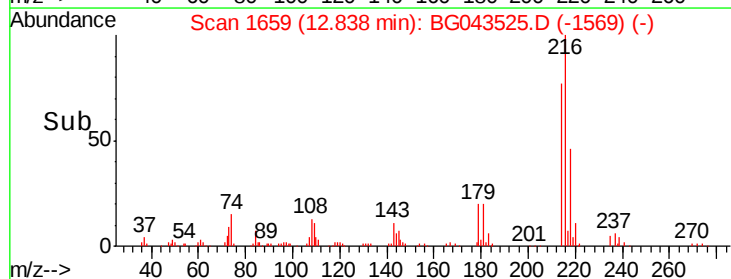
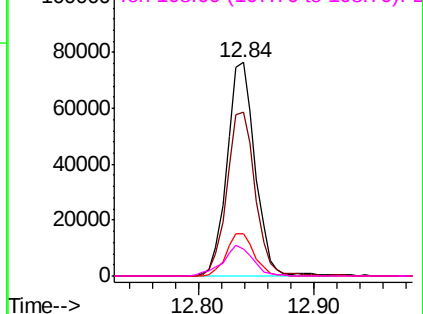
Abundance

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

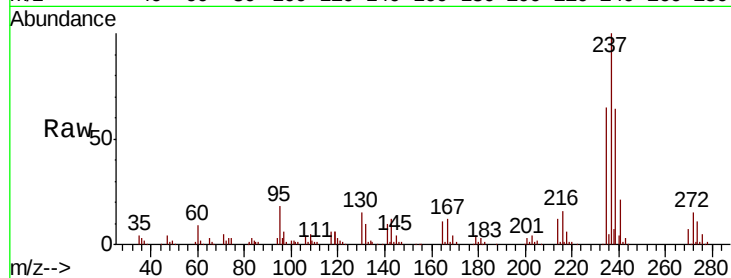




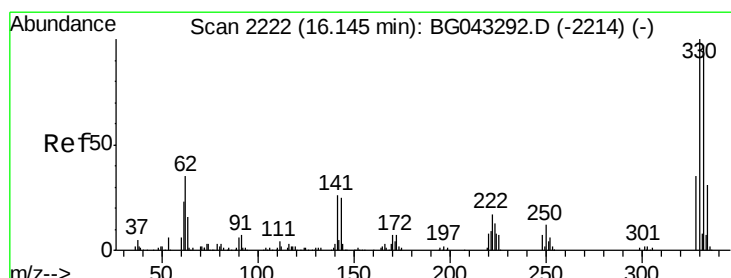
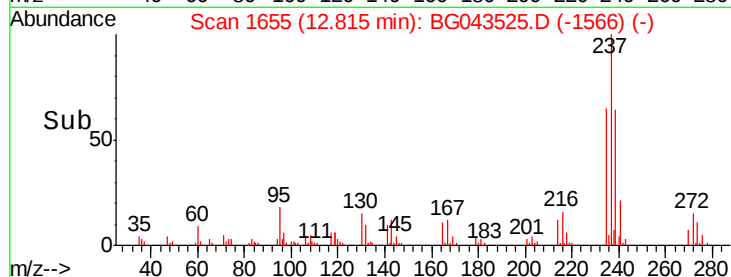
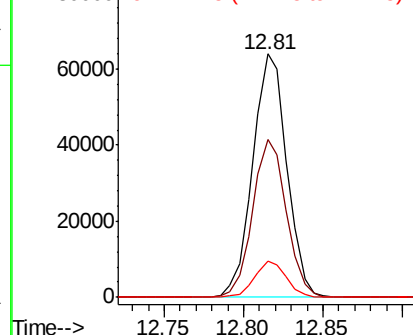
#41
Hexachlorocyclopentadiene
Concen: 51.335 ng
RT: 12.81 min Scan# 1655
Delta R.T. -0.00 min
Lab File: BG043525.D
Acq: 6 Nov 2019 18:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 95730
Ion Ratio Lower Upper
237 100
235 64.8 41.6 81.6
272 14.7 0.0 32.5

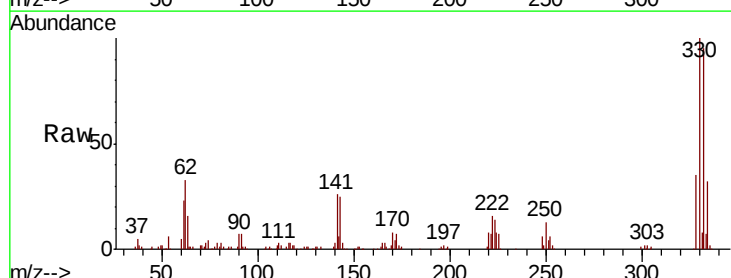


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

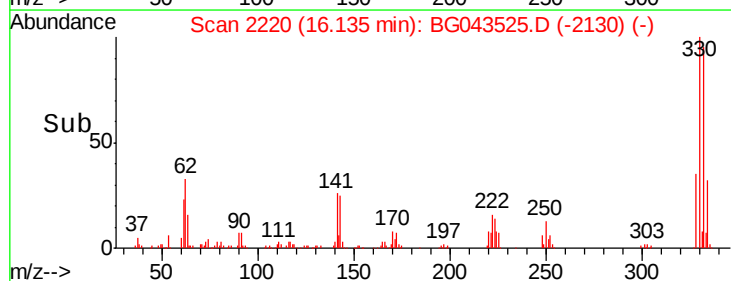
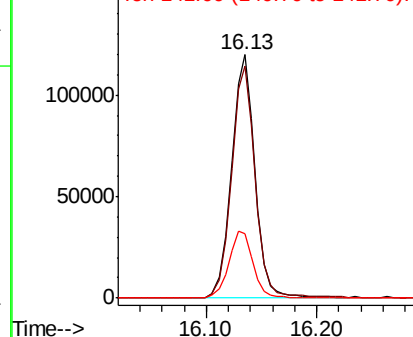


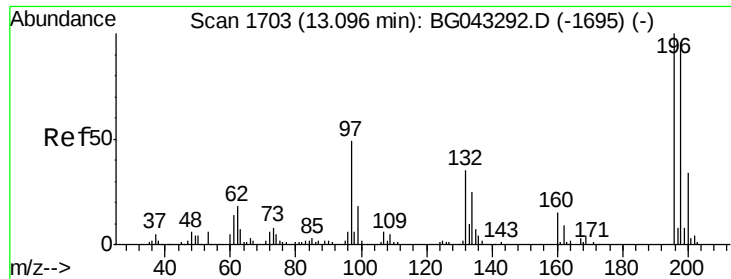
#42
2,4,6-Tribromophenol
Concen: 97.190 ng
RT: 16.13 min Scan# 2220
Delta R.T. 0.00 min
Lab File: BG043525.D
Acq: 6 Nov 2019 18:13

Tgt Ion:330 Resp: 177411
Ion Ratio Lower Upper
330 100
332 96.5 77.4 116.0
141 28.5 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

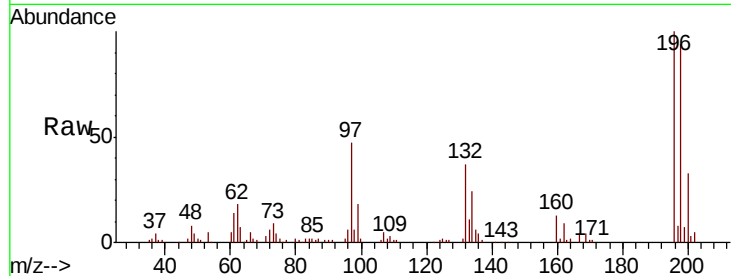




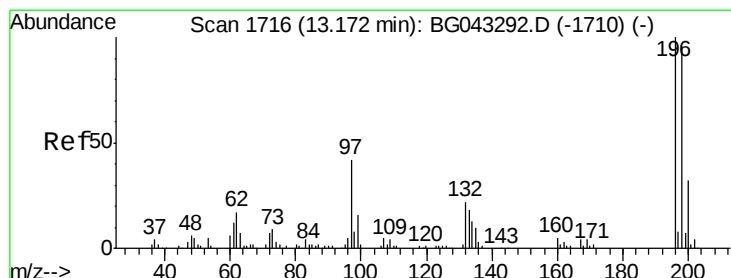
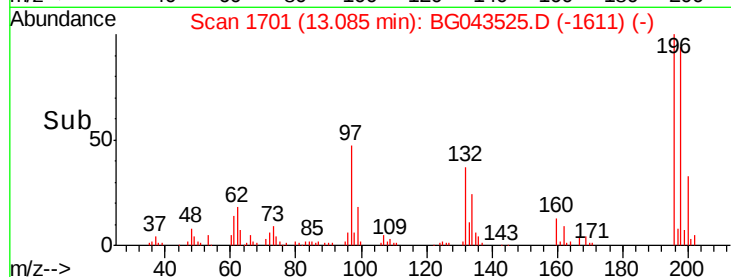
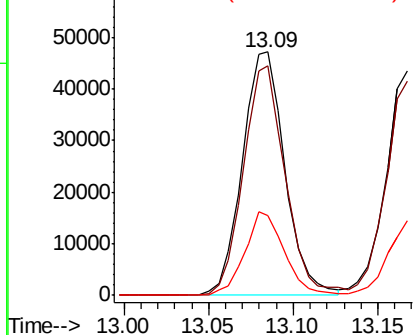
#43
 2,4,6-Trichlorophenol
 Concen: 39.464 ng
 RT: 13.09 min Scan# 1701
 Delta R.T. 0.00 min
 Lab File: BG043525.D
 Acq: 6 Nov 2019 18:13

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 82503
 Ion Ratio Lower Upper
 196 100
 198 94.2 75.8 113.6
 200 32.9 23.9 35.9

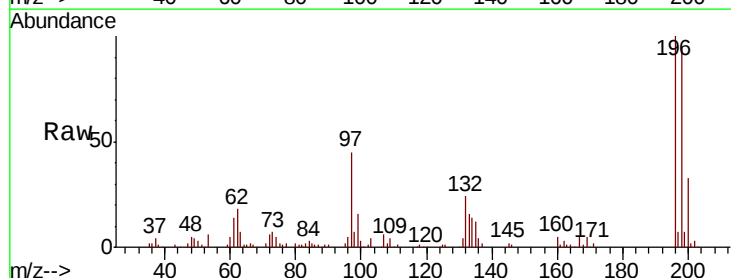


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

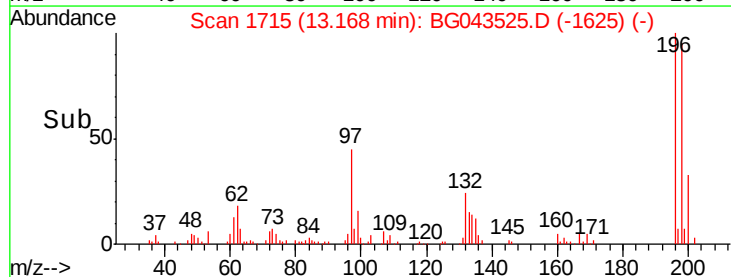
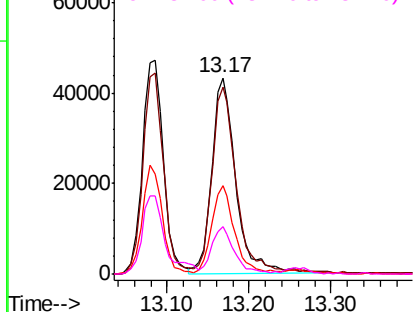


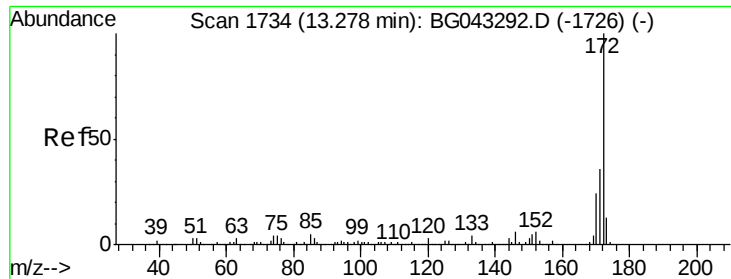
#44
 2,4,5-Trichlorophenol
 Concen: 41.646 ng
 RT: 13.17 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BG043525.D
 Acq: 6 Nov 2019 18:13

Tgt Ion:196 Resp: 88021
 Ion Ratio Lower Upper
 196 100
 198 95.4 74.5 111.7
 97 45.0 36.3 54.5
 132 24.1 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

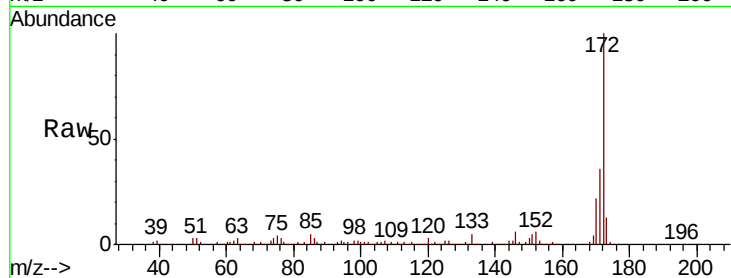




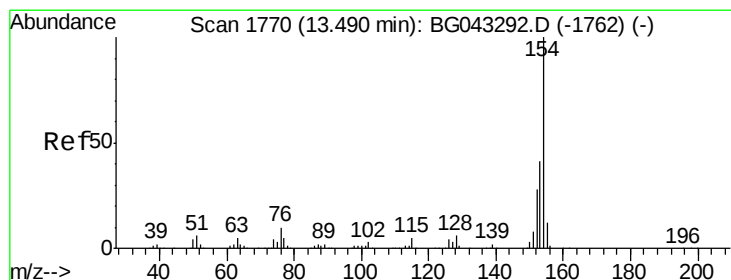
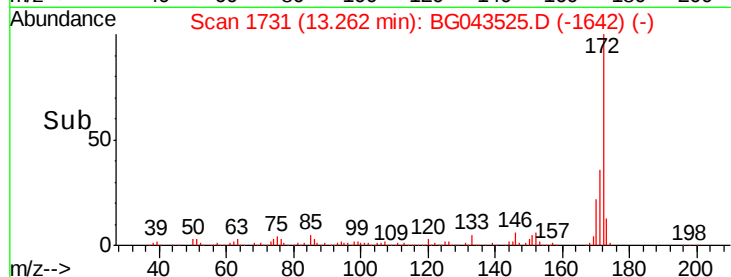
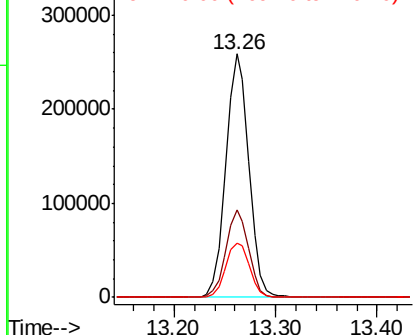
#45
2-Fluorobiphenyl
Concen: 58.582 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.00 min
Lab File: BG043525.D
Acq: 6 Nov 2019 18:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.9	43.3
170	22.4	18.5	27.7

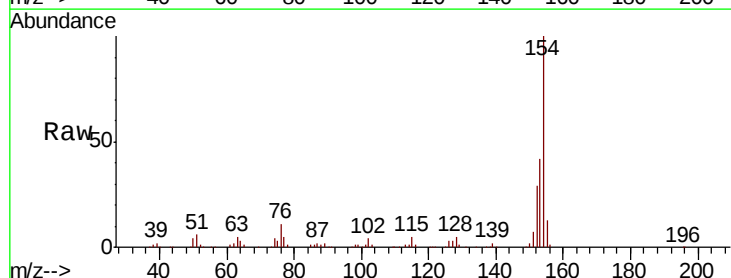


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

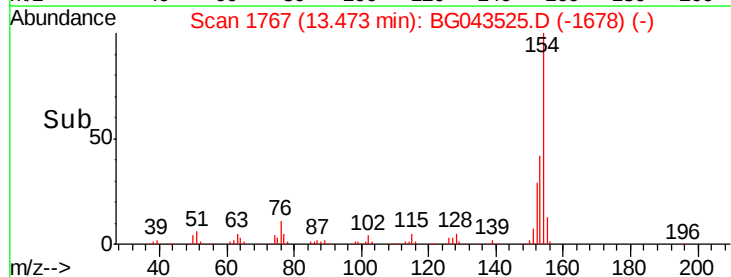
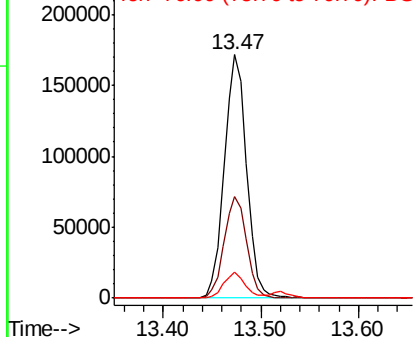


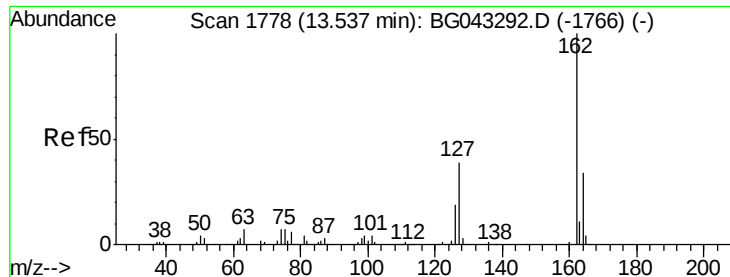
#46
1,1'-Biphenyl
Concen: 37.238 ng
RT: 13.47 min Scan# 1767
Delta R.T. -0.00 min
Lab File: BG043525.D
Acq: 6 Nov 2019 18:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	19.9	59.9
76	10.5	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): BGC

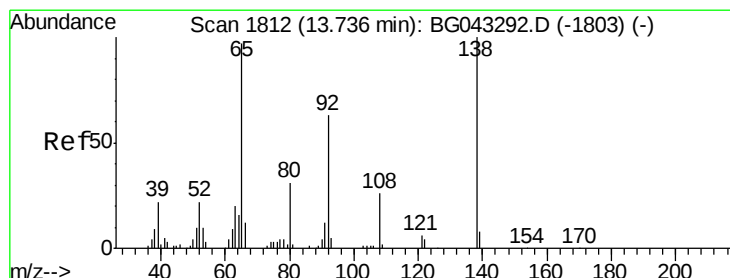
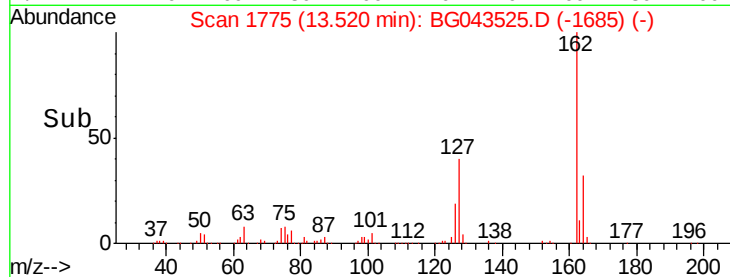
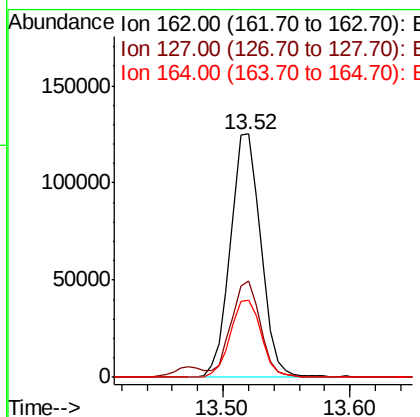
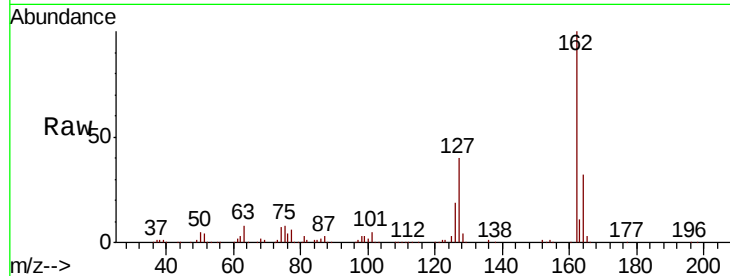




#47
 2-Chloronaphthalene
 Concen: 37.522 ng
 RT: 13.52 min Scan# 1775
 Delta R.T. 0.00 min
 Lab File: BG043525.D
 Acq: 6 Nov 2019 18:13

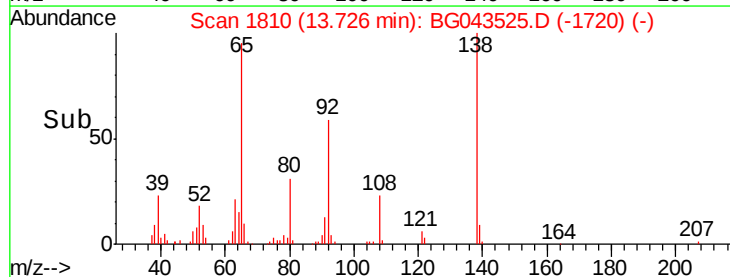
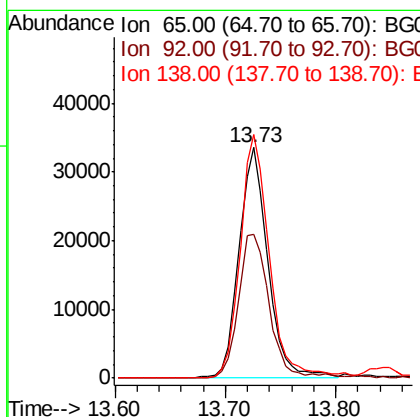
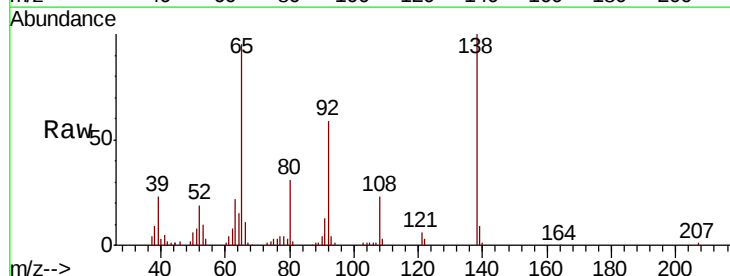
Instrument :
 BNA_G
 ClientSampleId :

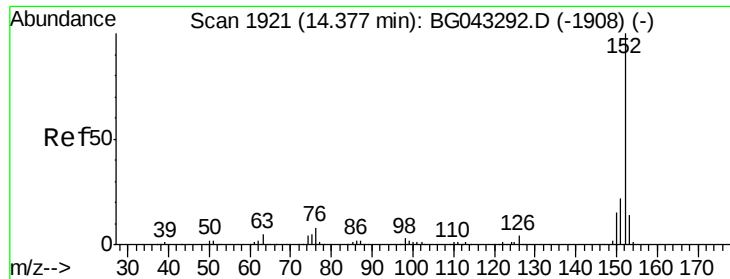
Tot Ion:162 Resp: 208331
 Ion Ratio Lower Upper
 162 100
 127 39.6 31.2 46.8
 164 31.6 25.8 38.8



#48
 2-Nitroaniline
 Concen: 37.260 ng
 RT: 13.73 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: BG043525.D
 Acq: 6 Nov 2019 18:13

Tgt Ion: 65 Resp: 61831
 Ion Ratio Lower Upper
 65 100
 92 62.4 56.2 84.2
 138 105.6 82.6 123.8





#49

Acenaphthylene

Concen: 38.998 ng

RT: 14.37 min Scan# 1919

Delta R.T. 0.00 min

Lab File: BG043525.D

Acq: 6 Nov 2019 18:13

Instrument :

BNA_G

ClientSampleId :

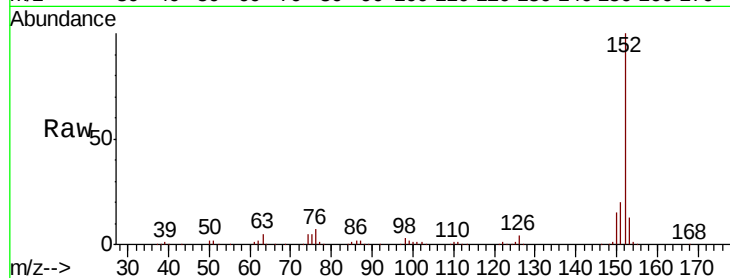
Tot Ion:152 Resp: 336993

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4

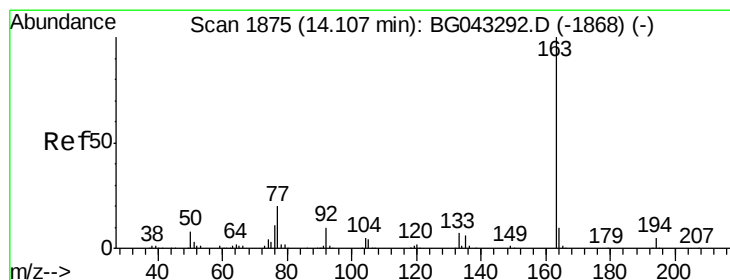
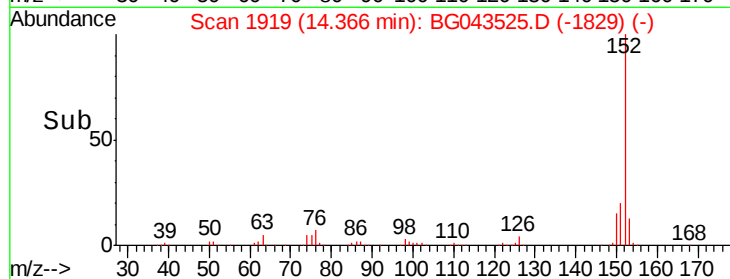
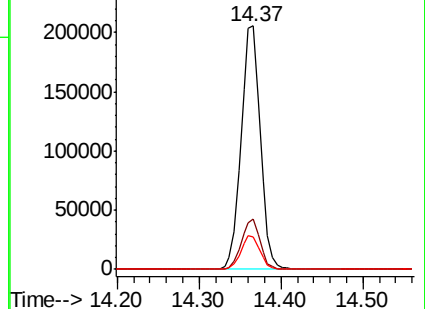
153 13.5 10.6 15.8



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: 36.501 ng

RT: 14.10 min Scan# 1873

Delta R.T. 0.00 min

Lab File: BG043525.D

Acq: 6 Nov 2019 18:13

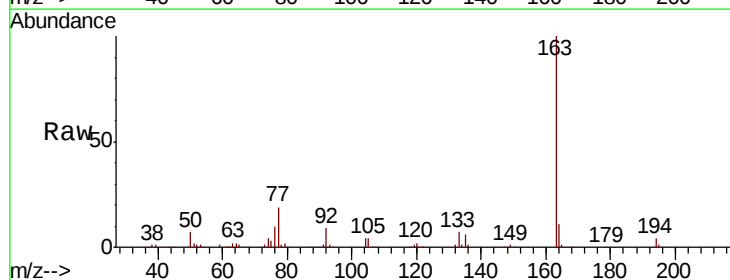
Tgt Ion:163 Resp: 271194

Ion Ratio Lower Upper

163 100

194 4.5 3.8 5.6

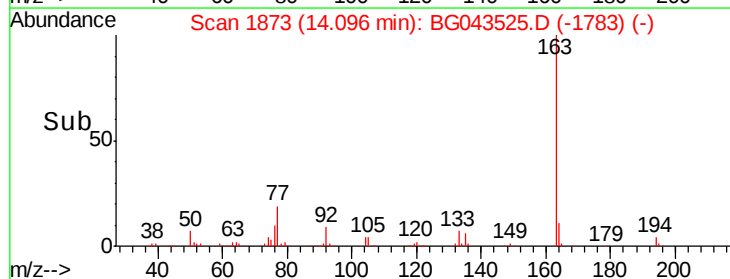
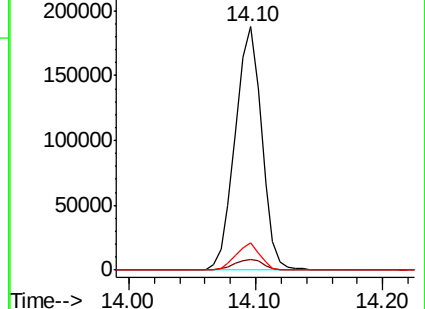
164 11.0 8.9 13.3

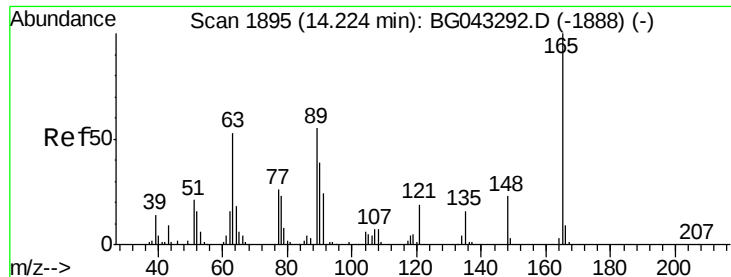


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 38.611 ng

RT: 14.21 min Scan# 1893

Delta R.T. 0.00 min

Lab File: BG043525.D

Acq: 6 Nov 2019 18:13

Instrument :

BNA_G

ClientSampleId :

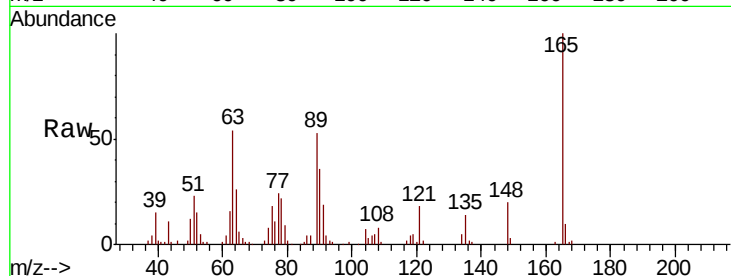
Tot Ion:165 Resp: 62322

Ion Ratio Lower Upper

165 100

63 54.4 46.6 69.8

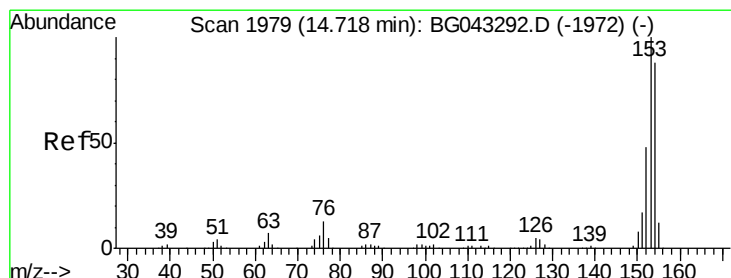
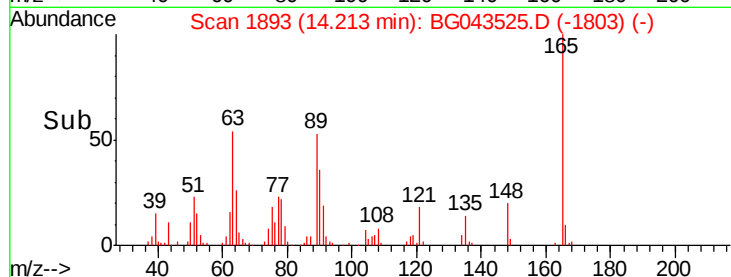
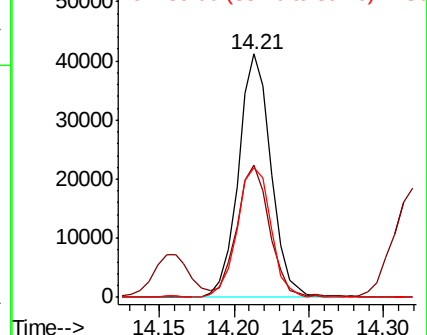
89 53.0 45.1 67.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 37.880 ng

RT: 14.71 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BG043525.D

Acq: 6 Nov 2019 18:13

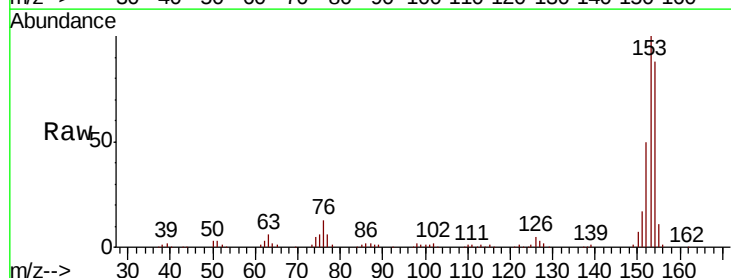
Tgt Ion:154 Resp: 199618

Ion Ratio Lower Upper

154 100

153 113.0 88.2 132.2

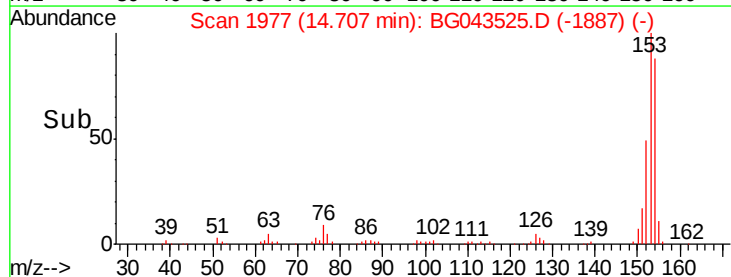
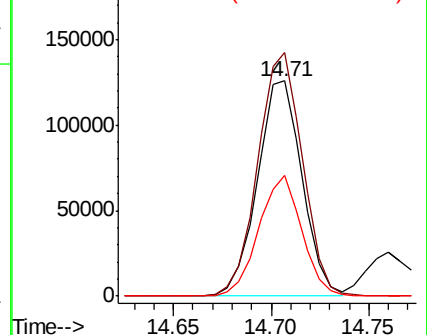
152 56.2 40.0 60.0

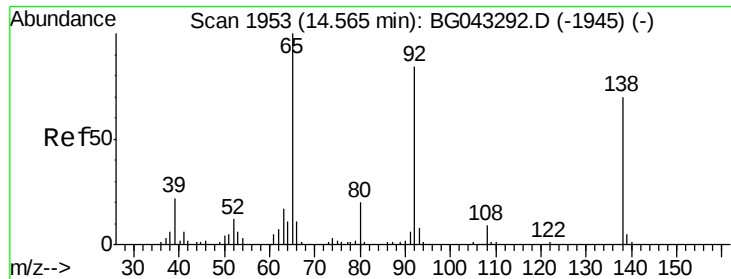


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 25.535 ng

RT: 14.55 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BG043525.D

Acq: 6 Nov 2019 18:13

Instrument :

BNA_G

ClientSampleId :

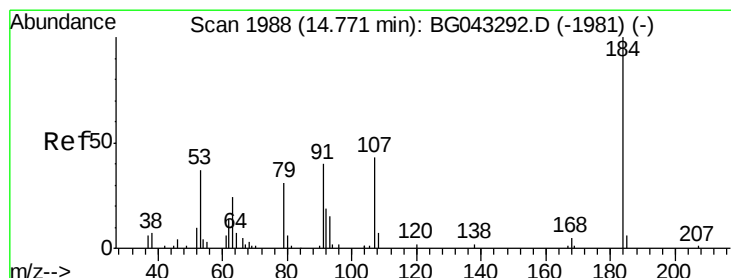
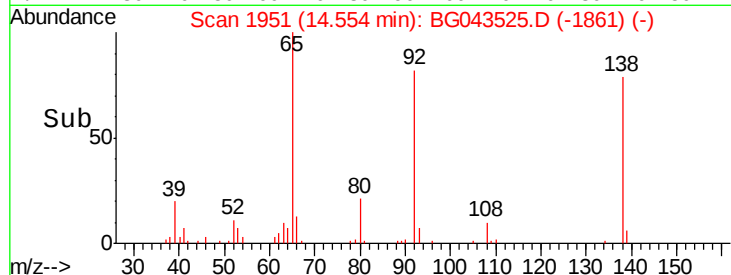
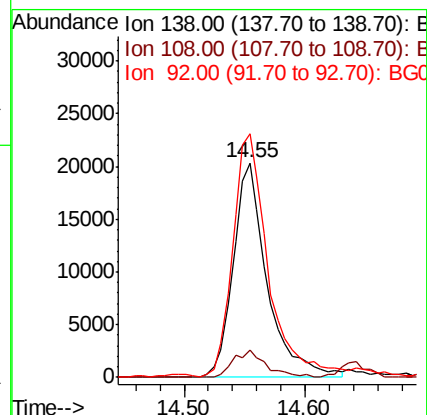
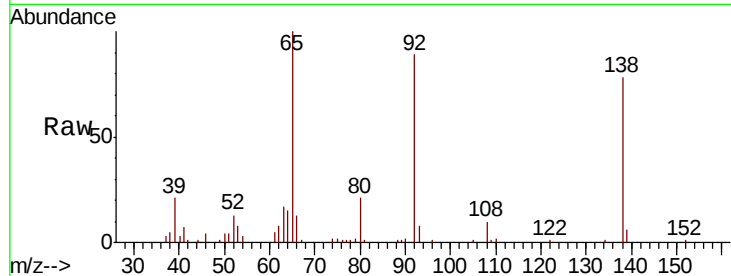
Tot Ion:138 Resp: 39794

Ion Ratio Lower Upper

138 100

108 12.5 8.0 12.0#

92 113.4 90.9 136.3



#54

2,4-Dinitrophenol

Concen: 72.300 ng

RT: 14.76 min Scan# 1986

Delta R.T. 0.00 min

Lab File: BG043525.D

Acq: 6 Nov 2019 18:13

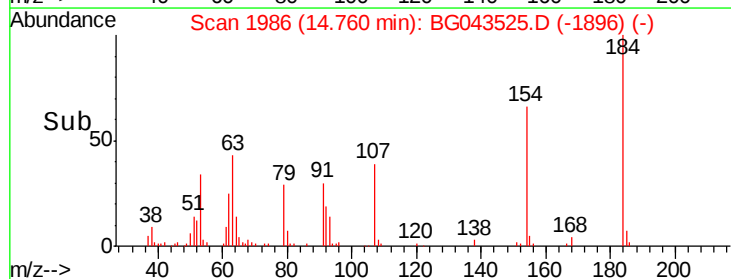
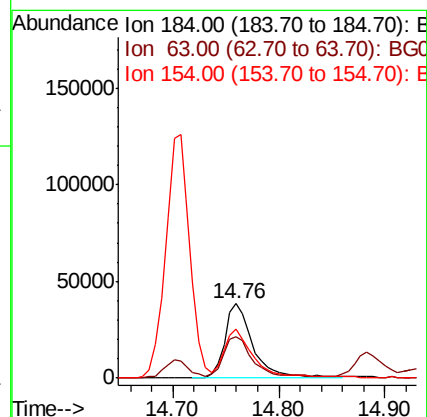
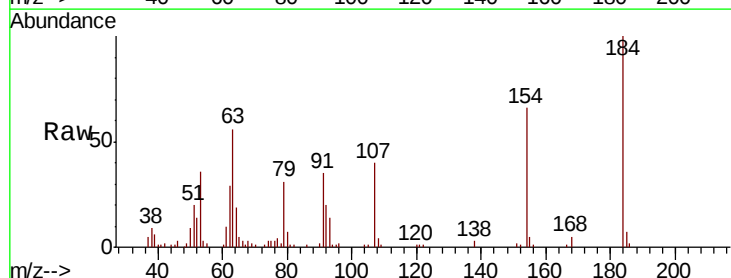
Tgt Ion:184 Resp: 72096

Ion Ratio Lower Upper

184 100

63 55.5 51.3 76.9

154 66.0 55.4 83.0

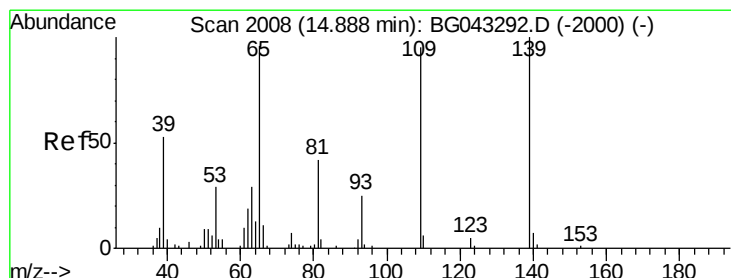
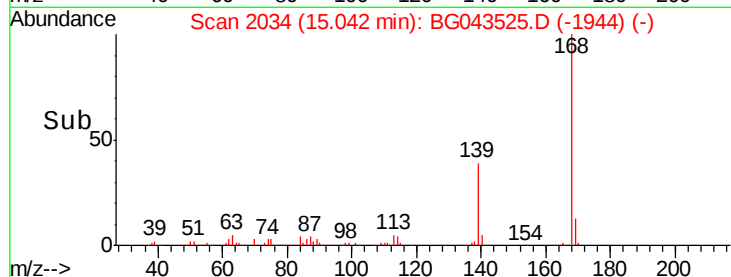
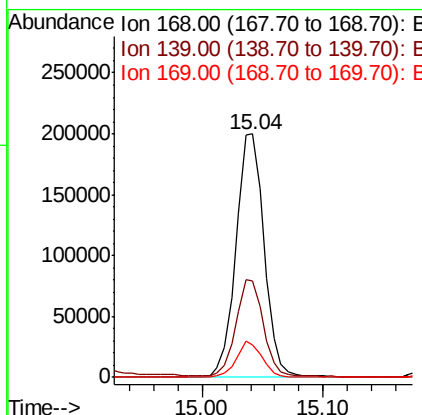
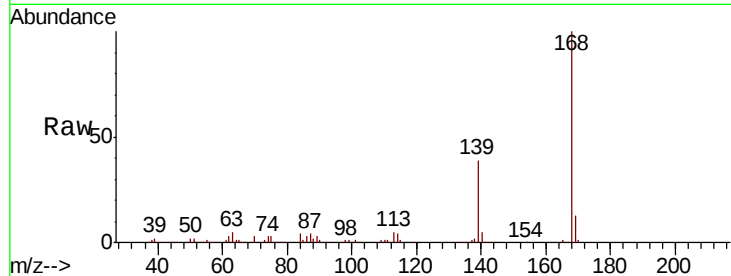




#55
Dibenzofuran
Concen: 38.179 ng
RT: 15.04 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BG043525.D
Acq: 6 Nov 2019 18:13

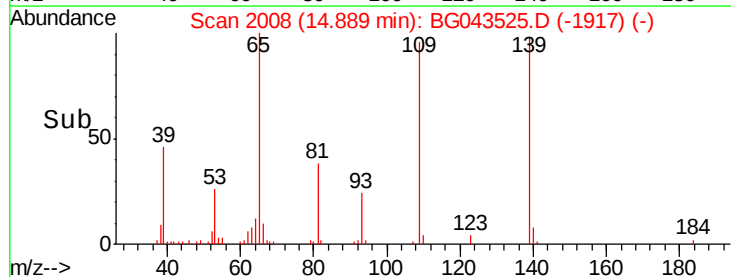
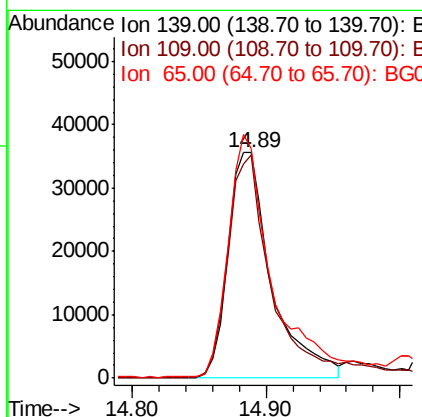
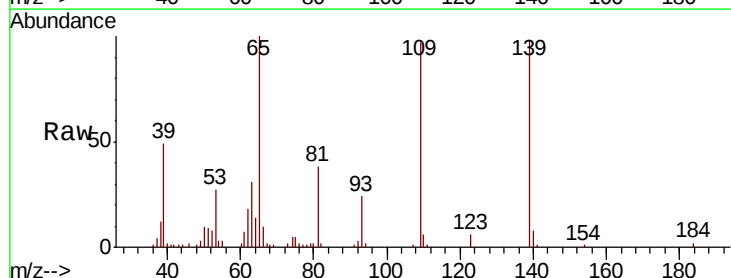
Instrument :
BNA_G
ClientSampleId :

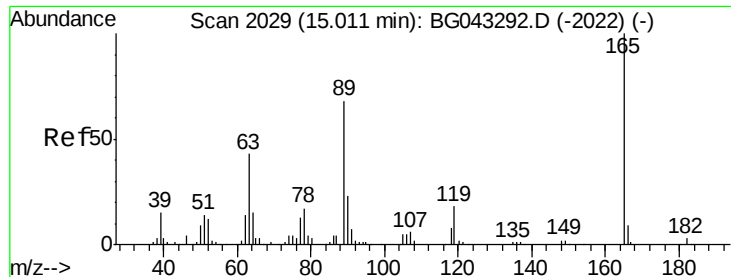
Tot Ion:168 Resp: 326270
Ion Ratio Lower Upper
168 100
139 39.4 31.0 46.6
169 13.5 11.7 17.5



#56
4-Nitrophenol
Concen: 77.603 ng
RT: 14.89 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BG043525.D
Acq: 6 Nov 2019 18:13

Tgt Ion:139 Resp: 81043
Ion Ratio Lower Upper
139 100
109 99.0 87.2 127.2
65 101.8 83.8 123.8

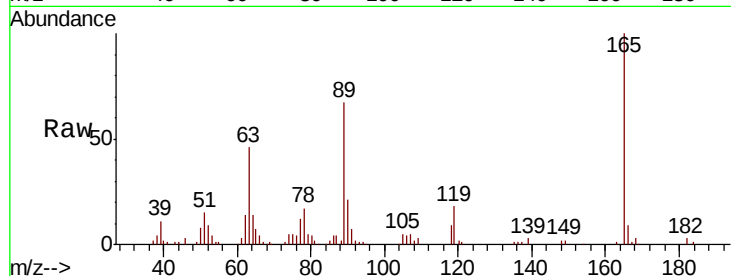




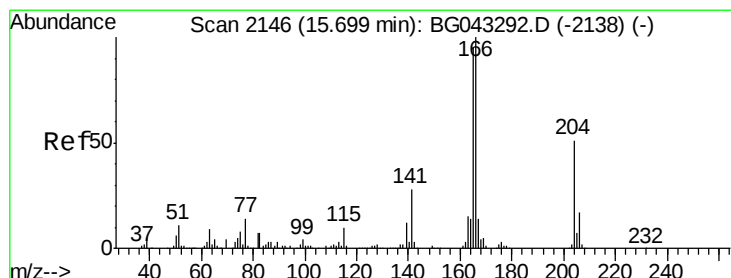
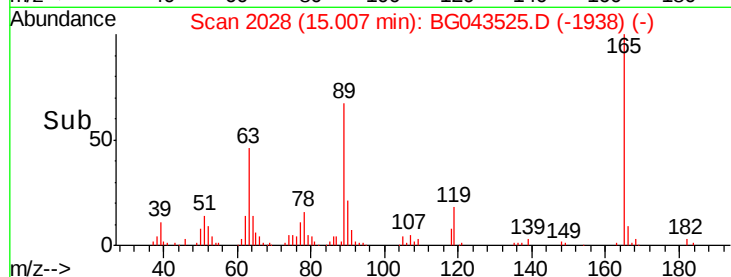
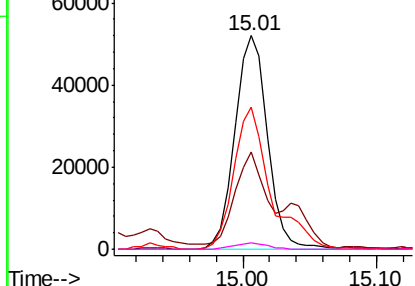
#57
2,4-Dinitrotoluene
Concen: 38.080 ng
RT: 15.01 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BG043525.D
Acq: 6 Nov 2019 18:13

Instrument :
BNA_G
ClientSampled :

Tot Ion:165 Resp: 87841
Ion Ratio Lower Upper
165 100
63 45.7 33.2 49.8
89 66.8 52.2 78.4
182 2.8 2.0 3.0

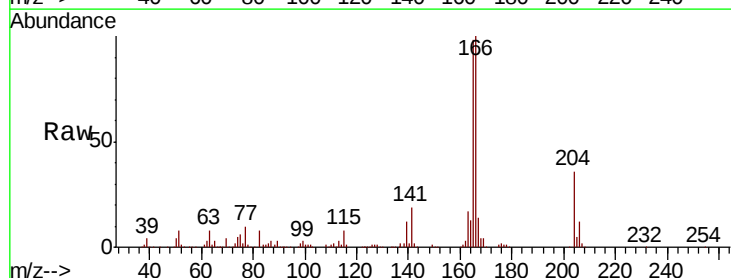


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

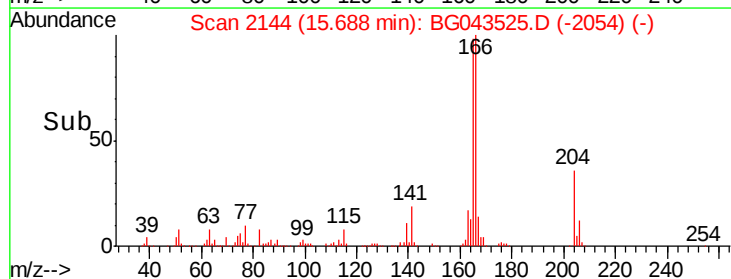
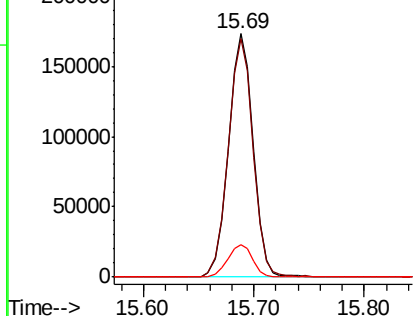


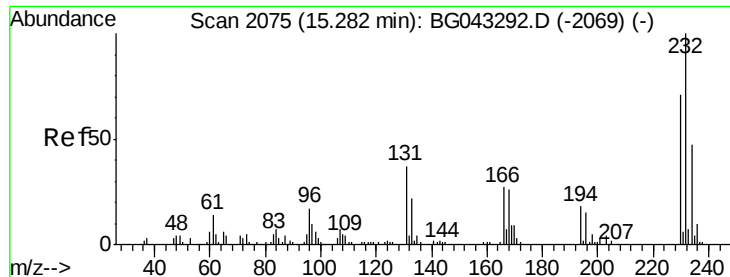
#58
Fluorene
Concen: 37.830 ng
RT: 15.69 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BG043525.D
Acq: 6 Nov 2019 18:13

Tgt Ion:166 Resp: 271142
Ion Ratio Lower Upper
166 100
165 98.0 79.0 118.6
167 13.5 10.5 15.7



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

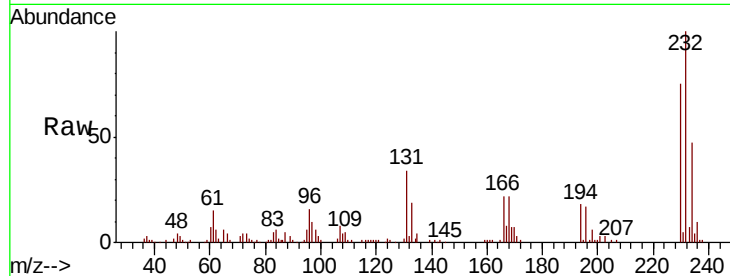




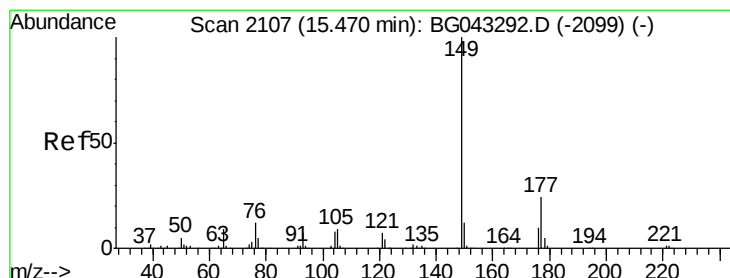
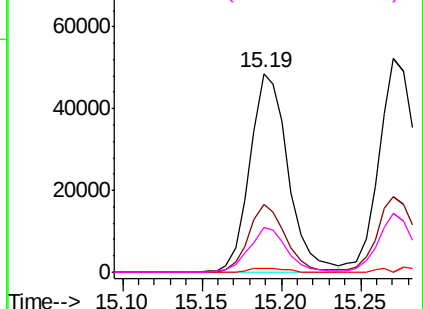
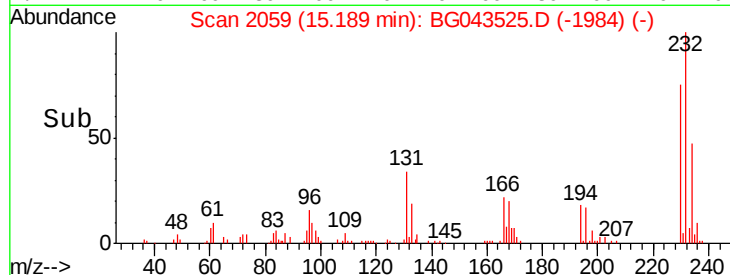
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.255 ng
 RT: 15.19 min Scan# 2059
 Delta R.T. -0.09 min
 Lab File: BG043525.D
 Acq: 6 Nov 2019 18:13

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	81412
Ion	Ratio	Lower	Upper
232	100		
131	32.8	26.9	40.3
130	2.1	1.8	2.6
166	22.2	20.9	31.3

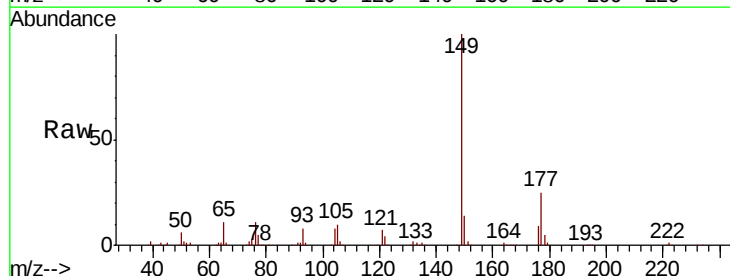


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

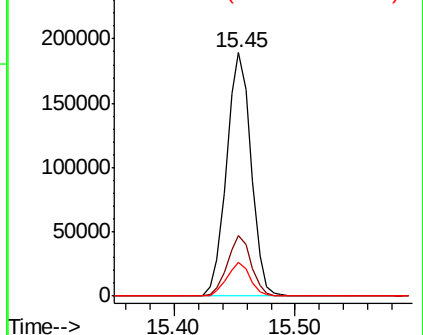
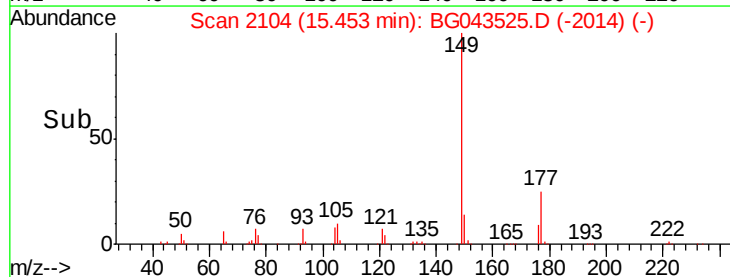


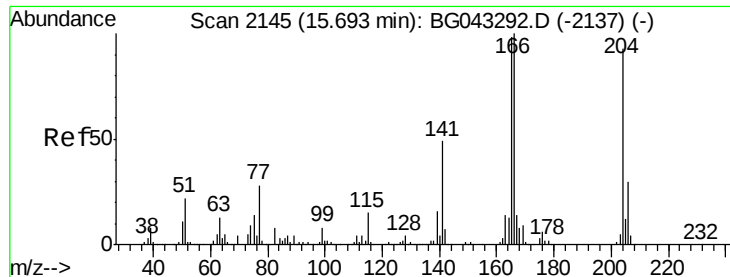
#60
 Diethylphthalate
 Concen: 35.790 ng
 RT: 15.45 min Scan# 2104
 Delta R.T. 0.00 min
 Lab File: BG043525.D
 Acq: 6 Nov 2019 18:13

Tgt Ion:	149	Resp:	267187
Ion	Ratio	Lower	Upper
149	100		
177	24.8	19.6	29.4
150	14.0	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

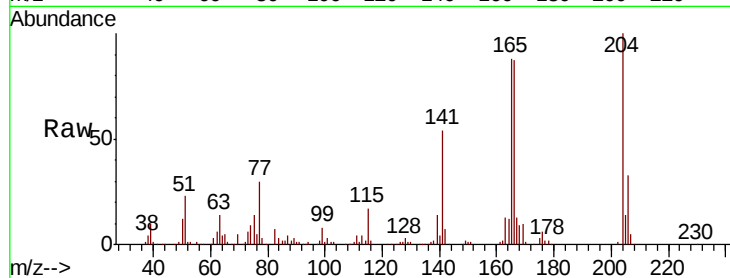




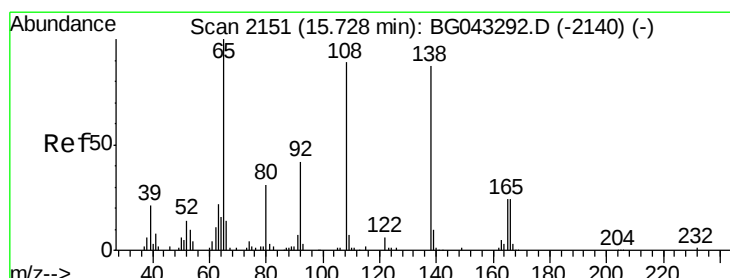
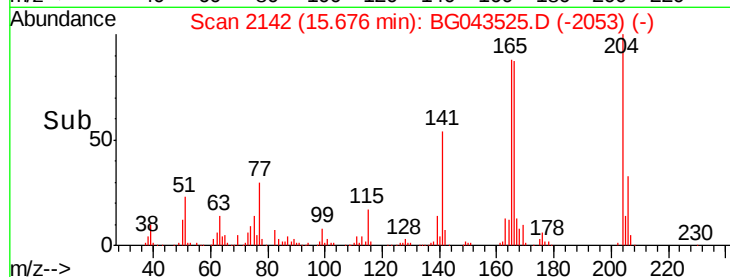
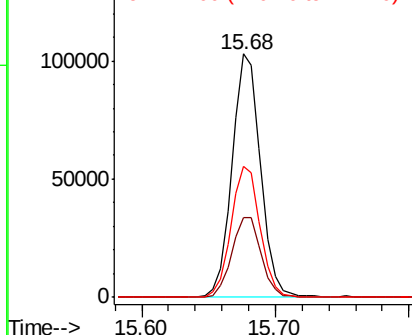
#61
 4-Chlorophenyl-phenylether
 Concen: 36.554 ng
 RT: 15.68 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: BG043525.D
 Acq: 6 Nov 2019 18:13

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:204 Resp: 152843
 Ion Ratio Lower Upper
 204 100
 206 32.9 28.4 42.6
 141 53.9 43.0 64.6

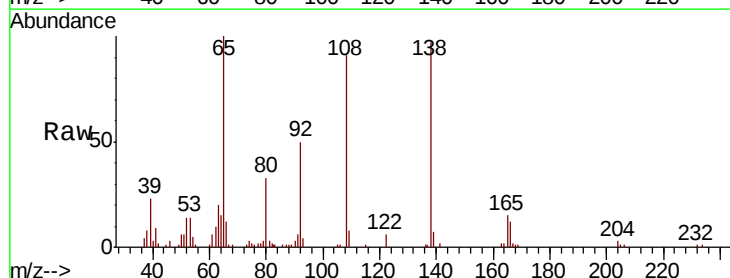


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

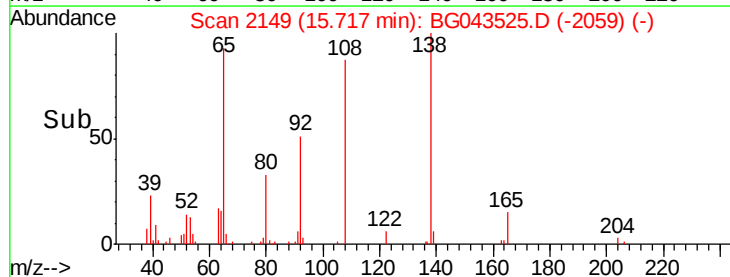
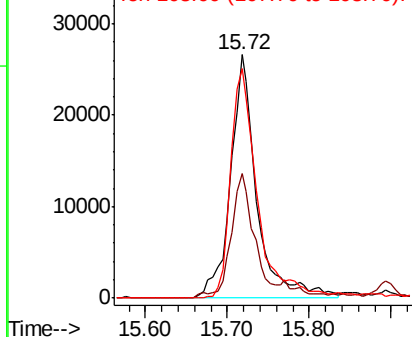


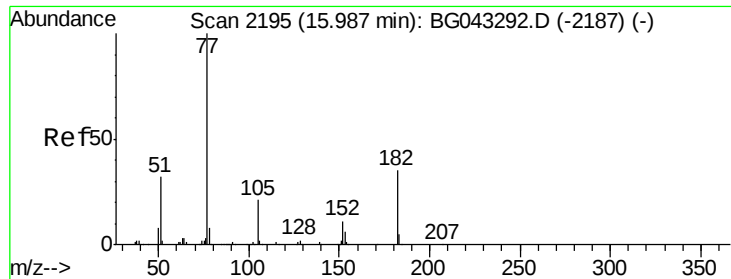
#62
 4-Nitroaniline
 Concen: 36.904 ng
 RT: 15.72 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: BG043525.D
 Acq: 6 Nov 2019 18:13

Tgt Ion:138 Resp: 59395
 Ion Ratio Lower Upper
 138 100
 92 51.2 33.4 73.4
 108 94.1 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: 36.667 ng

RT: 15.97 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BG043525.D

Acq: 6 Nov 2019 18:13

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 221540

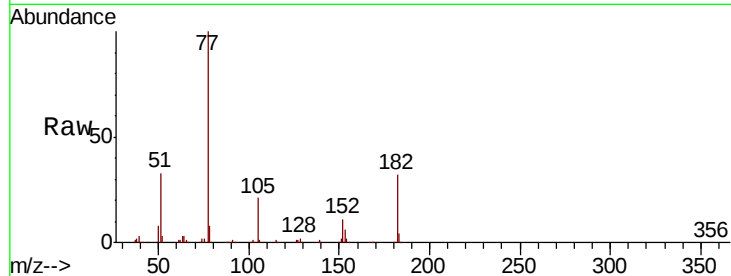
Ion Ratio Lower Upper

77 100

182 32.4 13.7 53.7

105 20.9 0.4 40.4

51 32.5 11.0 51.0

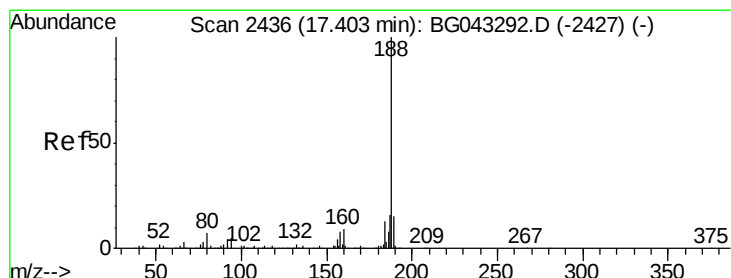
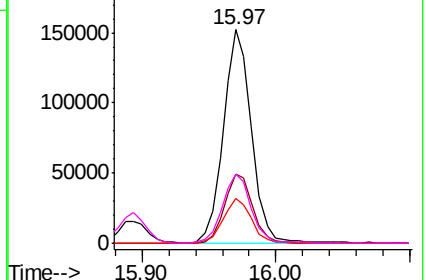
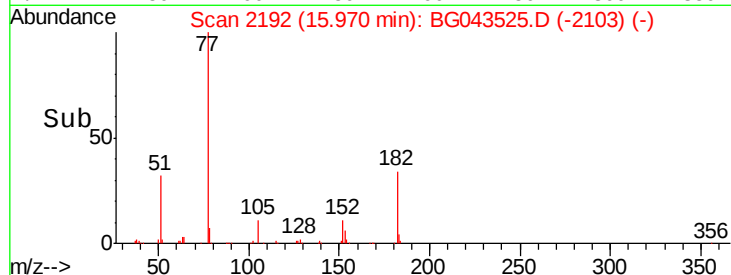


Abundance Ion 77.00 (76.70 to 77.70): BGC

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# 2433

Delta R.T. -0.00 min

Lab File: BG043525.D

Acq: 6 Nov 2019 18:13

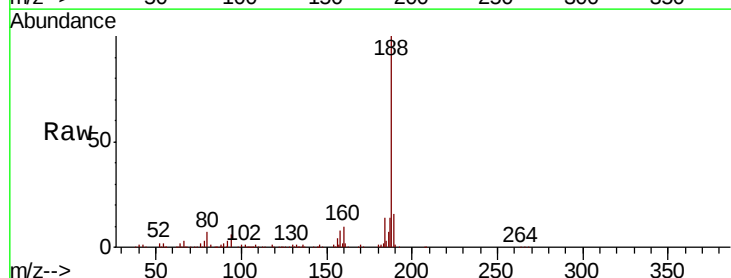
Tgt Ion: 188 Resp: 216344

Ion Ratio Lower Upper

188 100

94 6.0 4.2 6.4

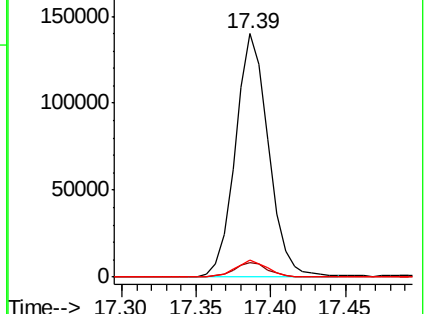
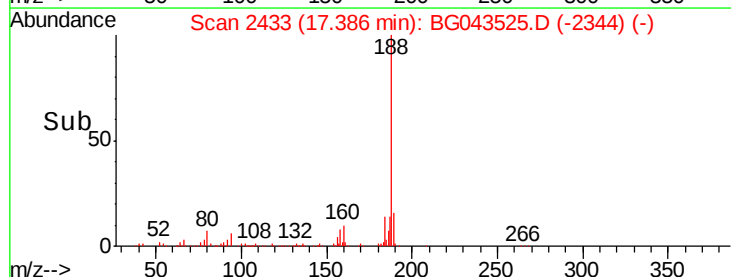
80 7.0 4.5 6.7#

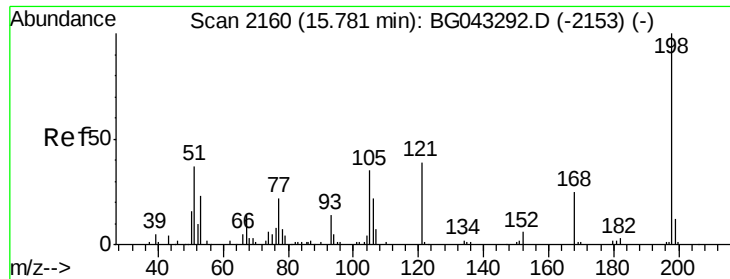


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 44.308 ng

RT: 15.77 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BG043525.D

Acq: 6 Nov 2019 18:13

Instrument :

BNA_G

ClientSampleId :

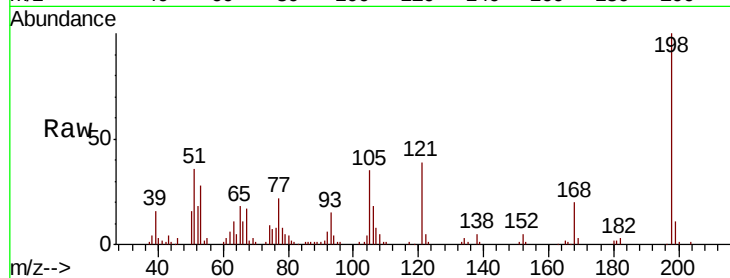
Tot Ion:198 Resp: 56413

Ion Ratio Lower Upper

198 100

51 35.5 13.2 53.2

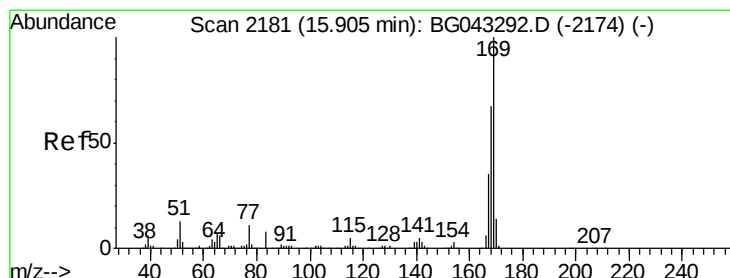
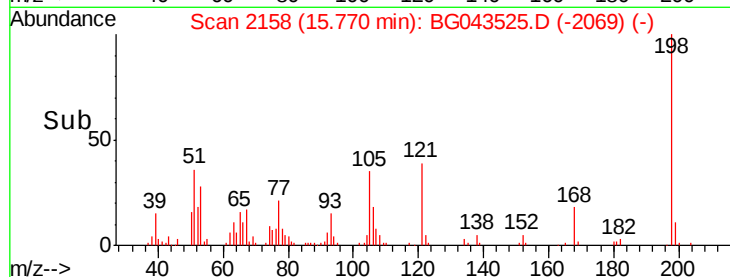
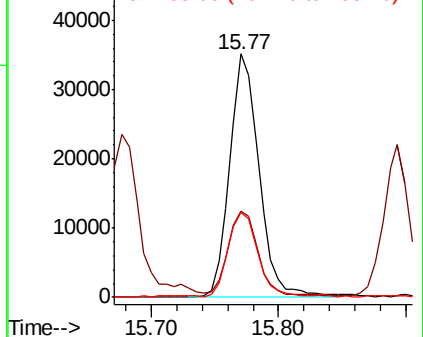
105 34.8 15.8 55.8



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: 39.342 ng

RT: 15.89 min Scan# 2179

Delta R.T. 0.00 min

Lab File: BG043525.D

Acq: 6 Nov 2019 18:13

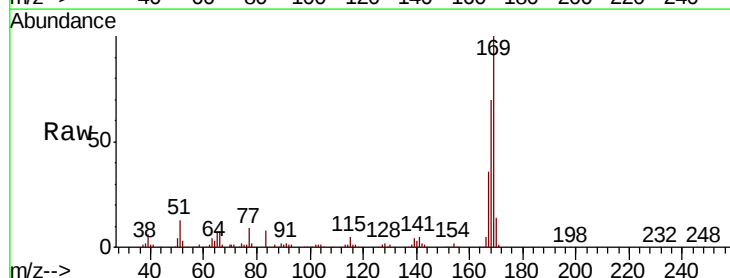
Tgt Ion:169 Resp: 240299

Ion Ratio Lower Upper

169 100

168 69.5 53.8 80.6

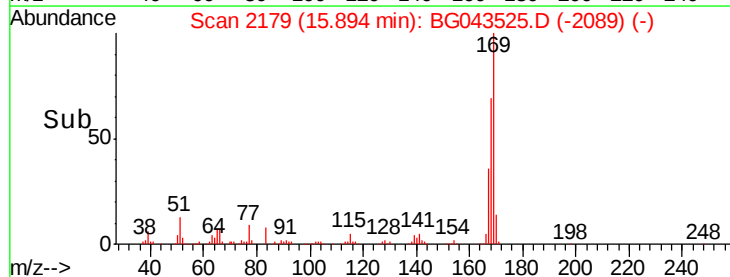
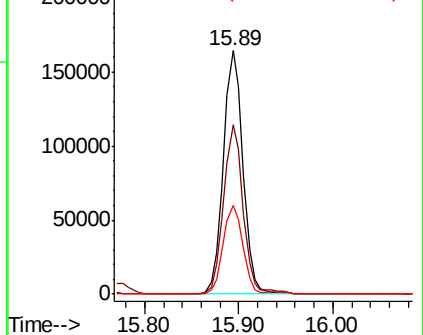
167 36.2 27.5 41.3



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

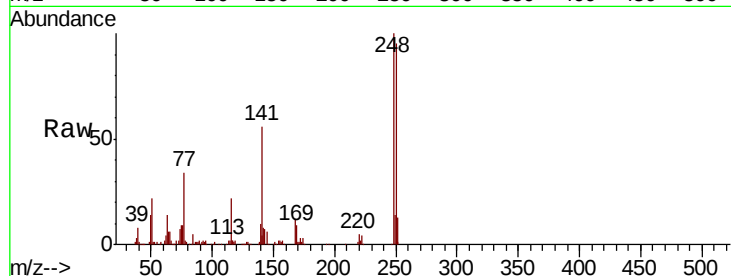




#67
4-Bromophenyl-phenylether
Concen: 37.372 ng
RT: 16.58 min Scan# 2295
Delta R.T. 0.00 min
Lab File: BG043525.D
Acq: 6 Nov 2019 18:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.5	77.0	115.4
141	56.3	47.5	71.3

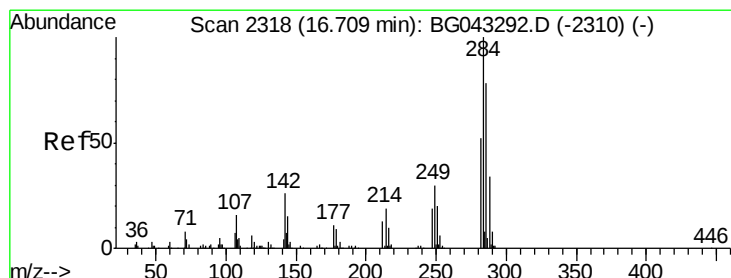
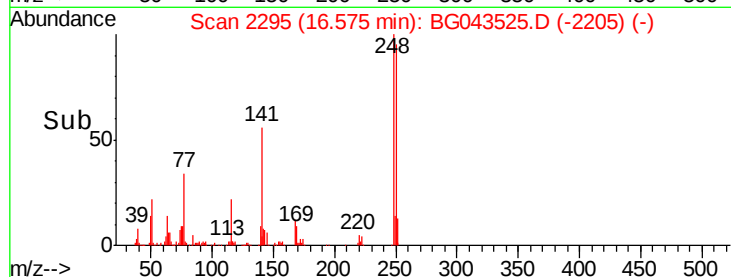
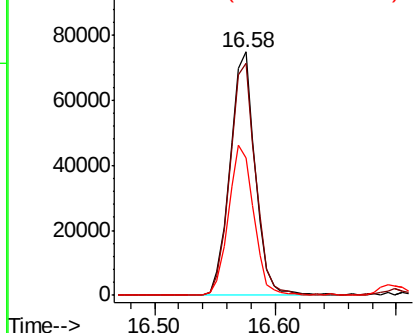


Abundance

Ion 248.00 (247.70 to 248.70): E

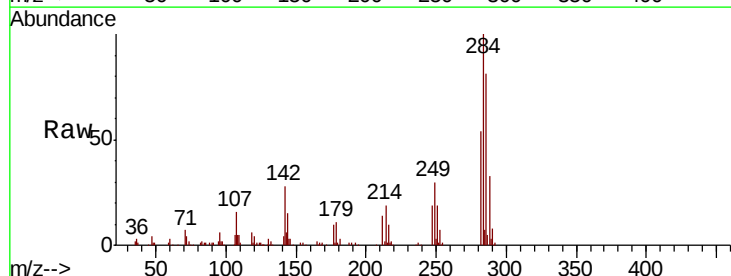
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 36.462 ng
RT: 16.70 min Scan# 2316
Delta R.T. 0.00 min
Lab File: BG043525.D
Acq: 6 Nov 2019 18:13

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.0	19.8	29.8
249	30.2	23.8	35.6

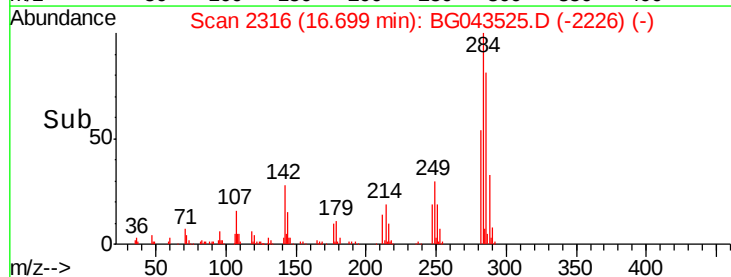
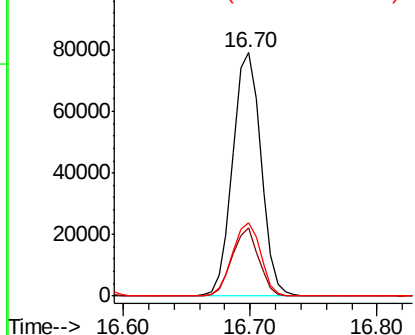


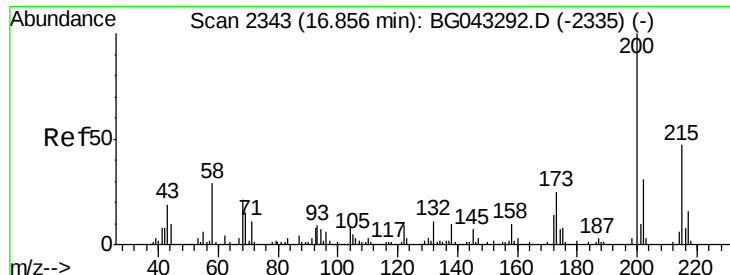
Abundance

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: 47.002 ng

RT: 16.84 min Scan# 2340

Delta R.T. -0.00 min

Lab File: BG043525.D

Acq: 6 Nov 2019 18:13

Instrument :

BNA_G

ClientSampleId :

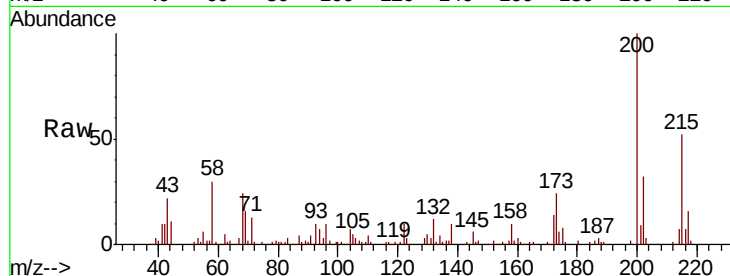
Tot Ion:200 Resp: 99756

Ion Ratio Lower Upper

200 100

173 23.9 4.7 44.7

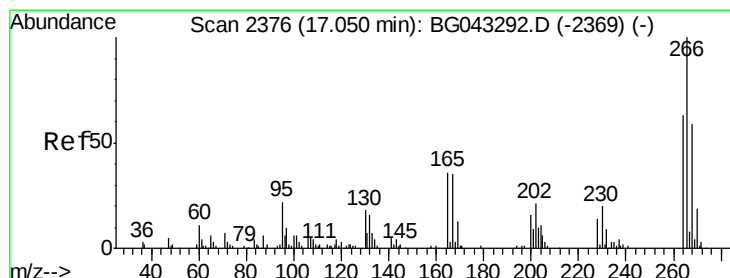
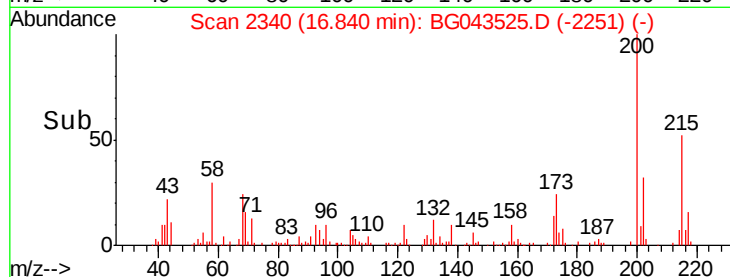
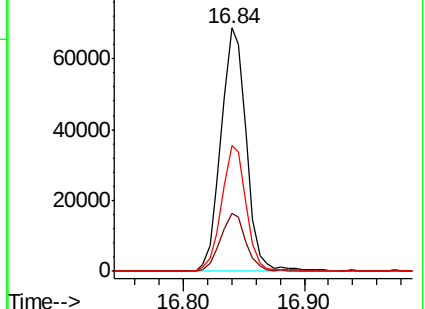
215 51.6 28.5 68.5



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: 81.272 ng

RT: 17.05 min Scan# 2375

Delta R.T. -0.00 min

Lab File: BG043525.D

Acq: 6 Nov 2019 18:13

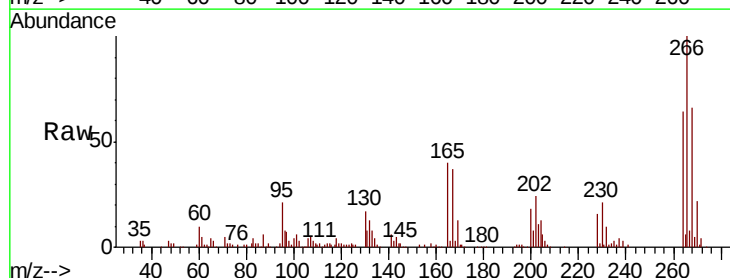
Tgt Ion:266 Resp: 123764

Ion Ratio Lower Upper

266 100

268 65.9 50.4 75.6

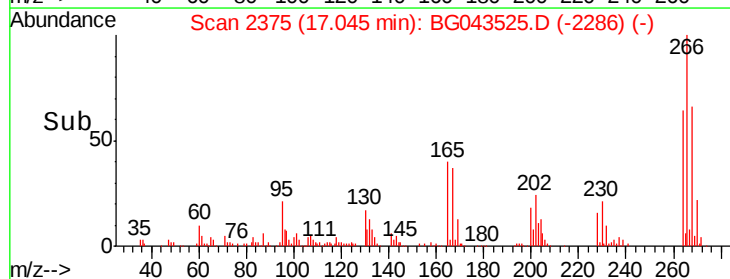
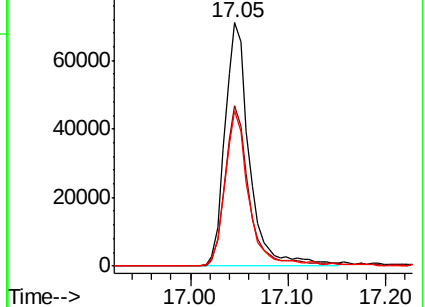
264 63.9 48.9 73.3



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

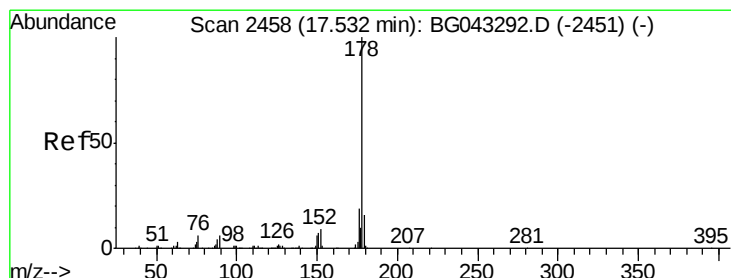
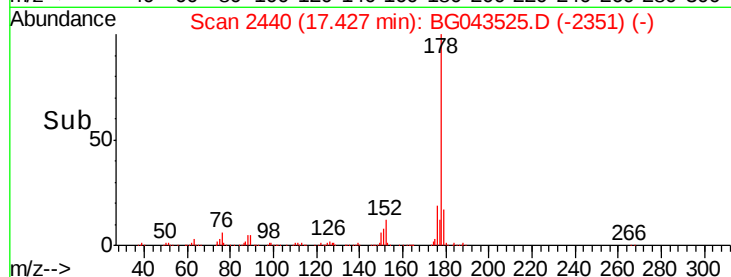
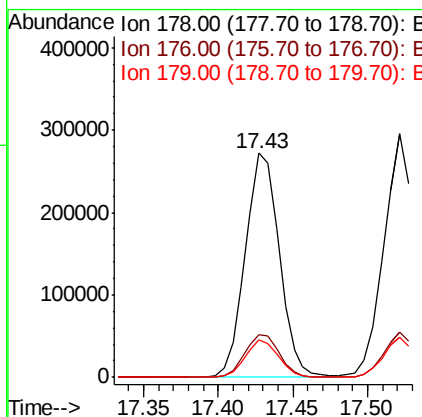
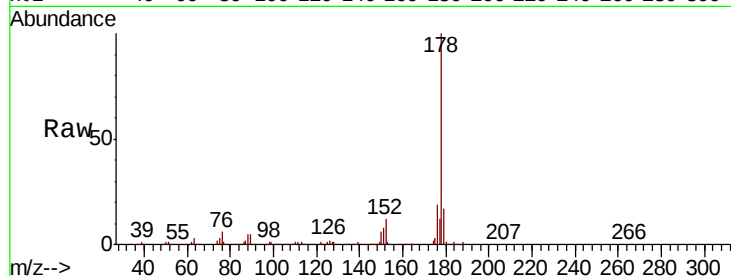




#71
Phenanthrene
Concen: 38.852 ng
RT: 17.43 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG043525.D
Acq: 6 Nov 2019 18:13

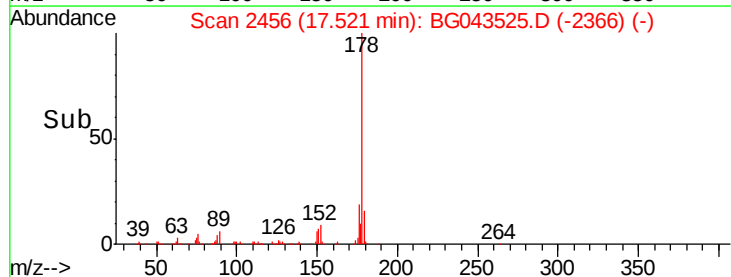
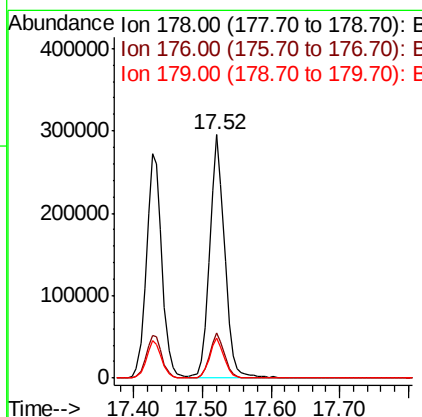
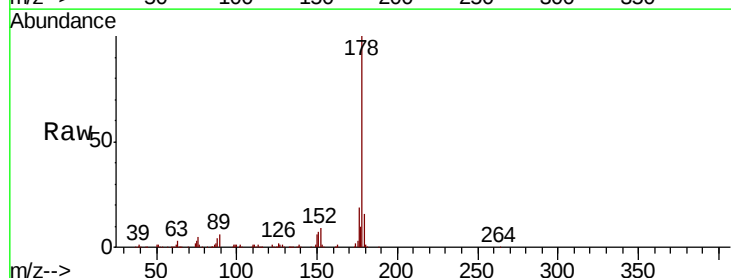
Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 430415
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 16.7 13.0 19.6



#72
Anthracene
Concen: 40.182 ng
RT: 17.52 min Scan# 2456
Delta R.T. 0.00 min
Lab File: BG043525.D
Acq: 6 Nov 2019 18:13

Tgt Ion:178 Resp: 445384
Ion Ratio Lower Upper
178 100
176 18.7 15.5 23.3
179 16.4 13.7 20.5

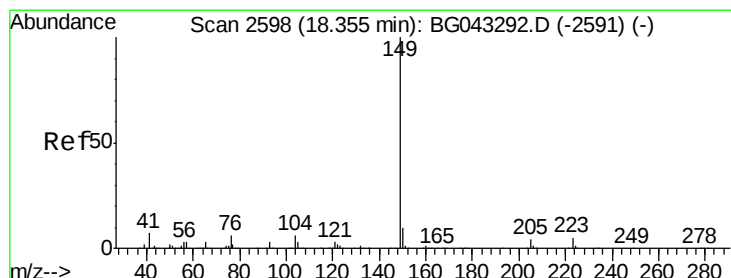
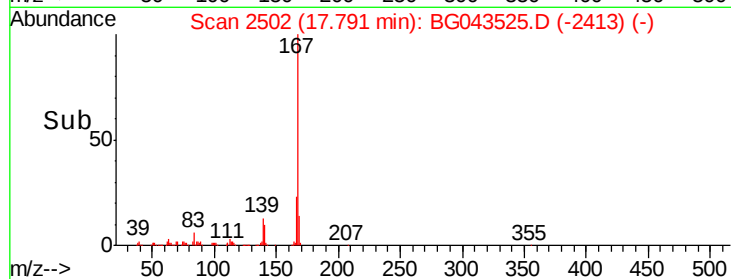
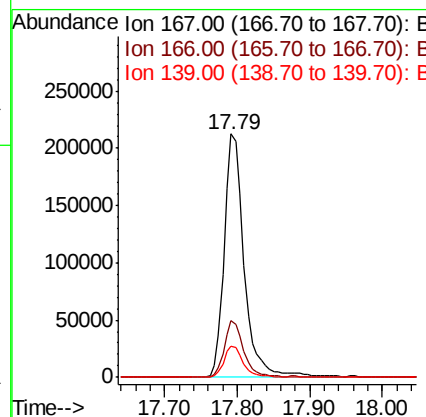
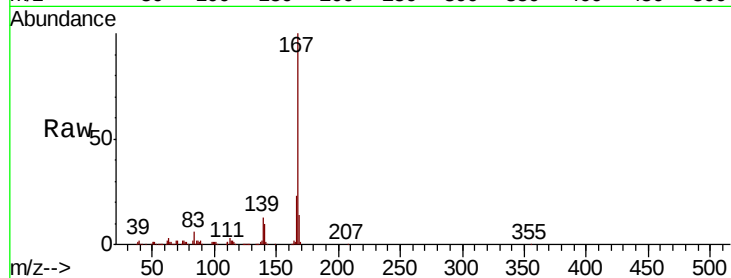




#73
 Carbazole
 Concen: 40.810 ng
 RT: 17.79 min Scan# 2502
 Delta R.T. -0.00 min
 Lab File: BG043525.D
 Acq: 6 Nov 2019 18:13

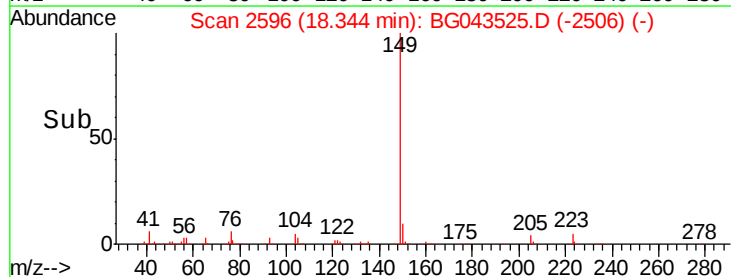
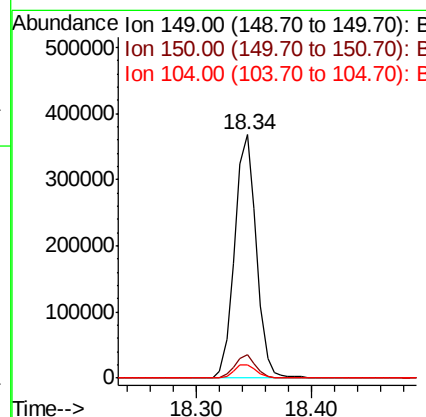
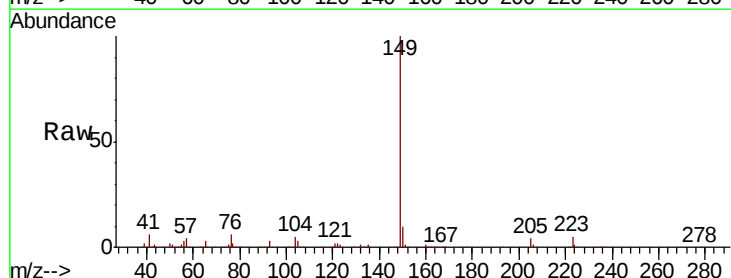
Instrument :
 BNA_G
 ClientSampled :

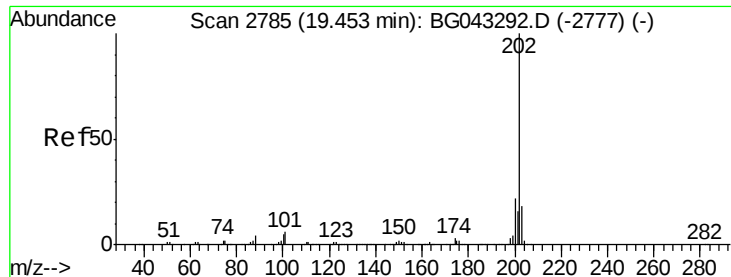
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.3	18.7	28.1
139	12.7	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 39.157 ng
 RT: 18.34 min Scan# 2596
 Delta R.T. 0.00 min
 Lab File: BG043525.D
 Acq: 6 Nov 2019 18:13

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.0	12.0
104	5.4	4.4	6.6





#75

Fluoranthene

Concen: 39.653 ng

RT: 19.44 min Scan# 2782

Delta R.T. -0.00 min

Lab File: BG043525.D

Acq: 6 Nov 2019 18:13

Instrument :

BNA_G

ClientSampleId :

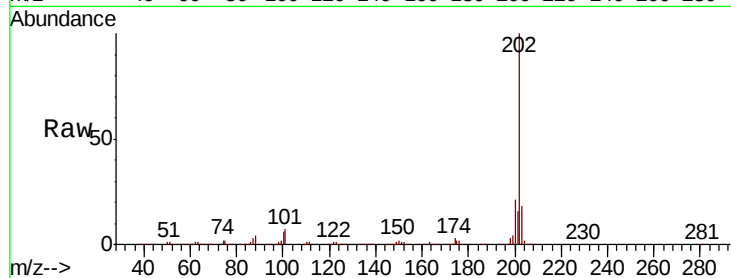
Tot Ion:202 Resp: 572701

Ion Ratio Lower Upper

202 100

101 6.9 0.0 26.3

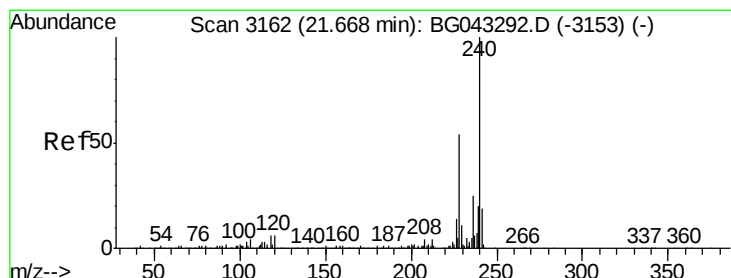
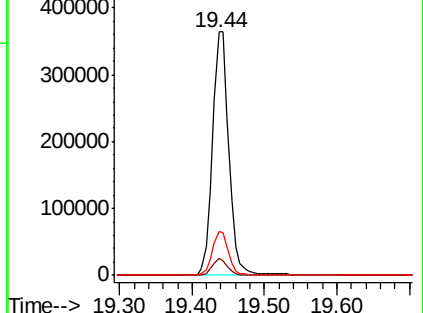
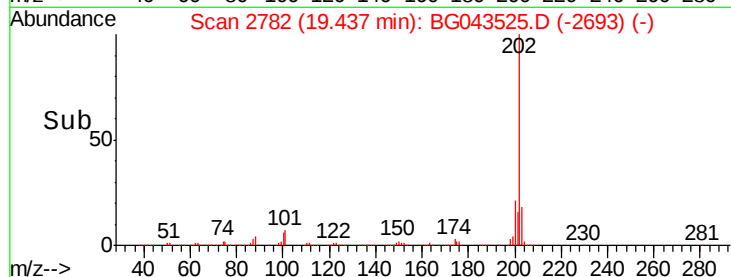
203 18.2 0.0 37.9



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: 21.66 min Scan# 3160

Delta R.T. 0.00 min

Lab File: BG043525.D

Acq: 6 Nov 2019 18:13

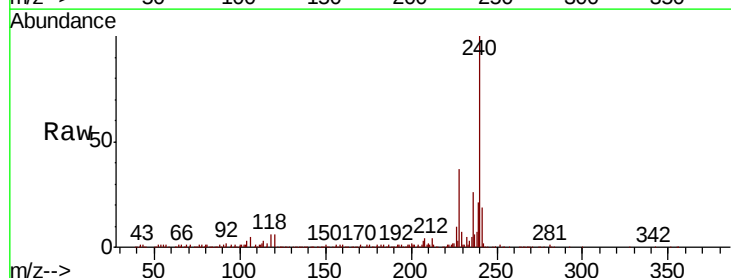
Tgt Ion:240 Resp: 251209

Ion Ratio Lower Upper

240 100

120 5.9 4.6 6.8

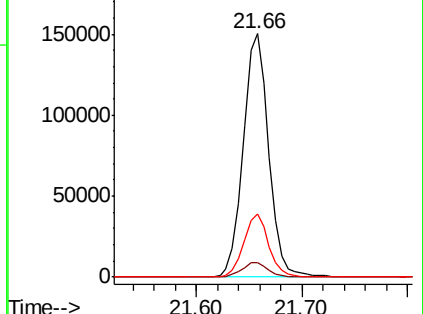
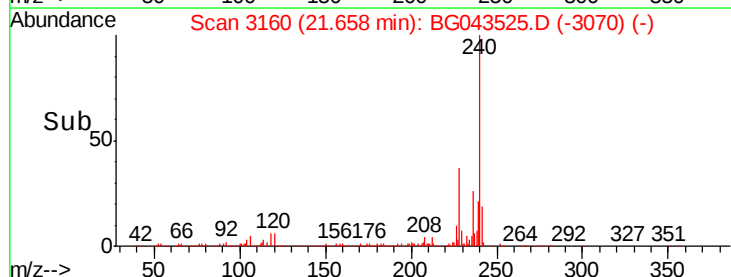
236 25.9 19.8 29.8

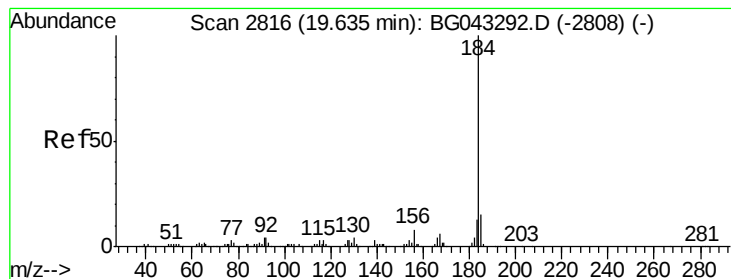


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 22.294 ng

RT: 19.62 min Scan# 2814

Delta R.T. 0.00 min

Lab File: BG043525.D

Acq: 6 Nov 2019 18:13

Instrument :

BNA_G

ClientSampleId :

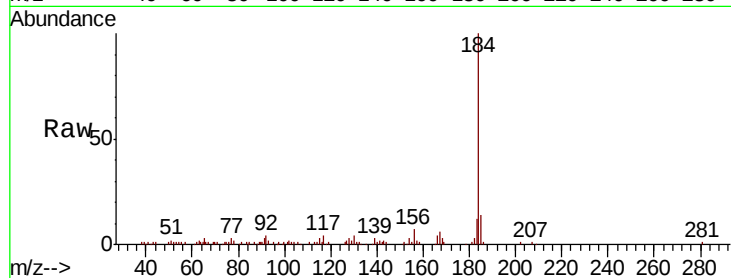
Tot Ion:184 Resp: 112710

Ion Ratio Lower Upper

184 100

185 13.6 11.0 16.4

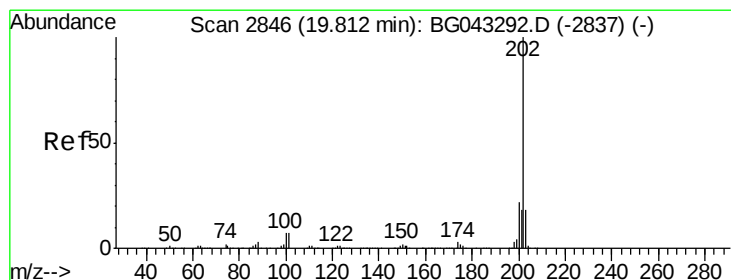
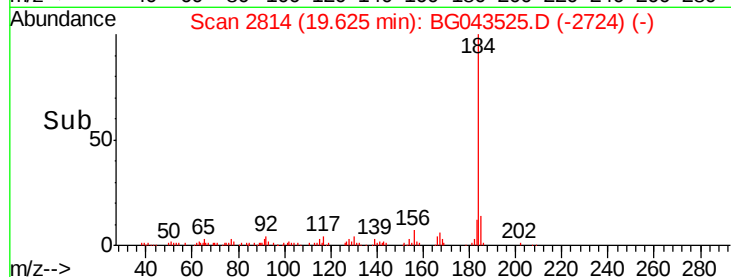
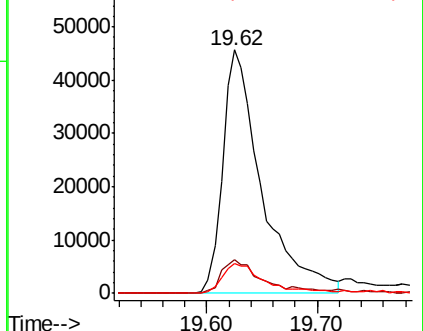
183 12.0 10.0 15.0



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: 36.915 ng

RT: 19.80 min Scan# 2844

Delta R.T. 0.00 min

Lab File: BG043525.D

Acq: 6 Nov 2019 18:13

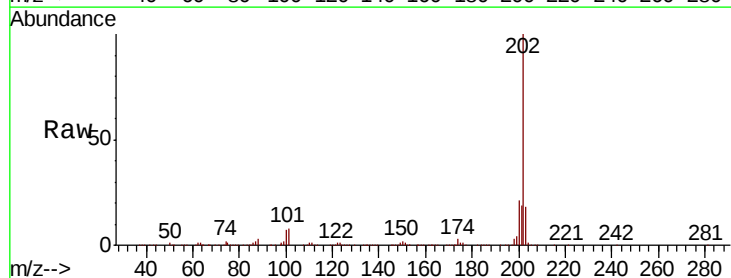
Tgt Ion:202 Resp: 574011

Ion Ratio Lower Upper

202 100

200 21.5 17.0 25.4

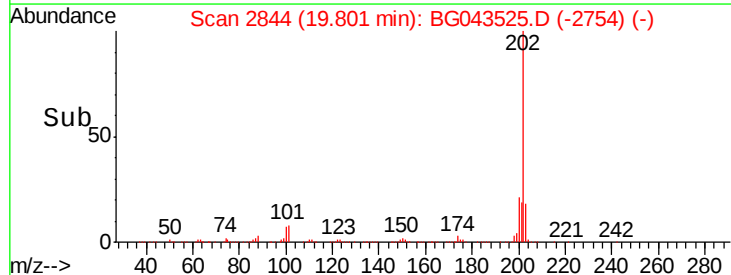
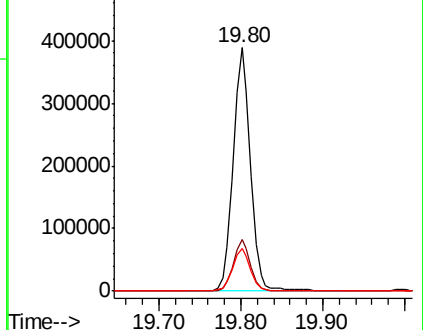
203 17.8 14.7 22.1



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: 57.909 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.00 min

Lab File: BG043525.D

Acq: 6 Nov 2019 18:13

Instrument :

BNA_G

ClientSampleId :

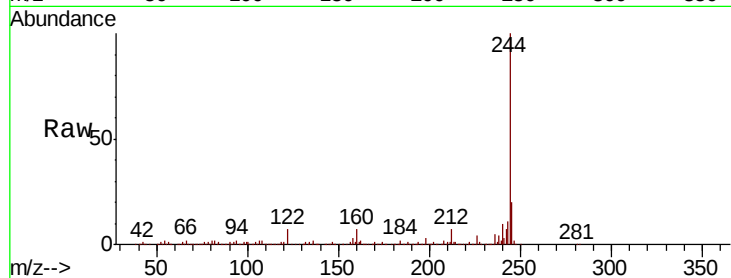
Tot Ion:244 Resp: 775420

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

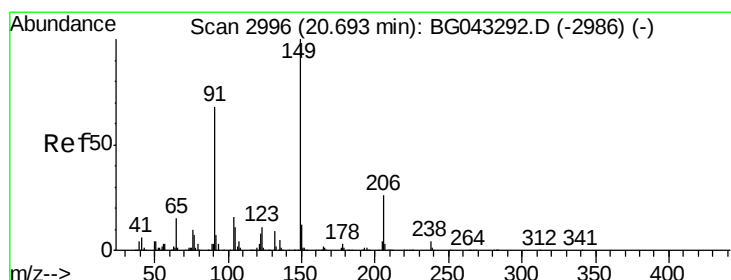
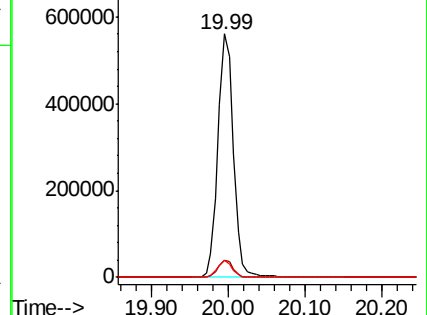
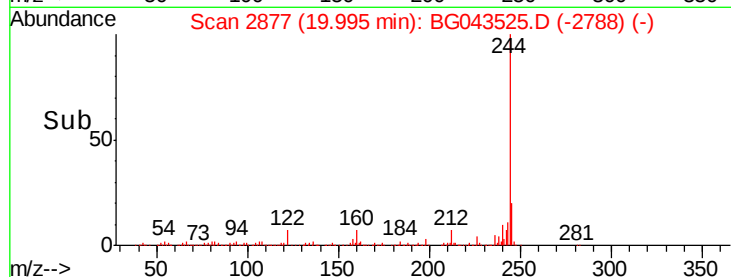
122 7.0 5.4 8.2



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: 37.405 ng

RT: 20.68 min Scan# 2994

Delta R.T. -0.00 min

Lab File: BG043525.D

Acq: 6 Nov 2019 18:13

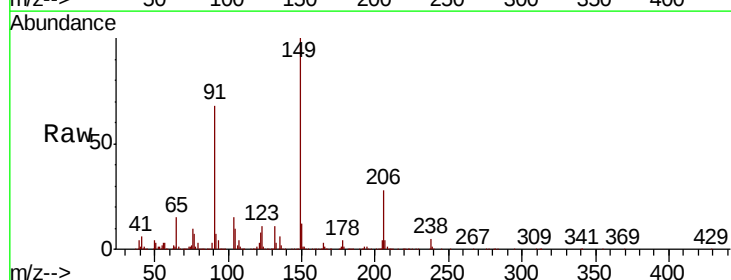
Tgt Ion:149 Resp: 220356

Ion Ratio Lower Upper

149 100

91 68.2 51.2 76.8

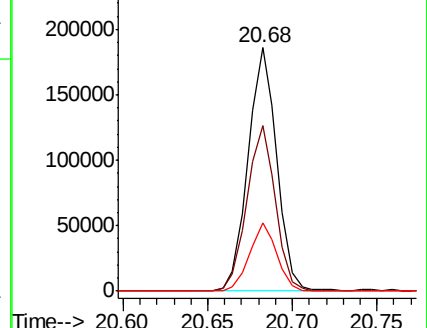
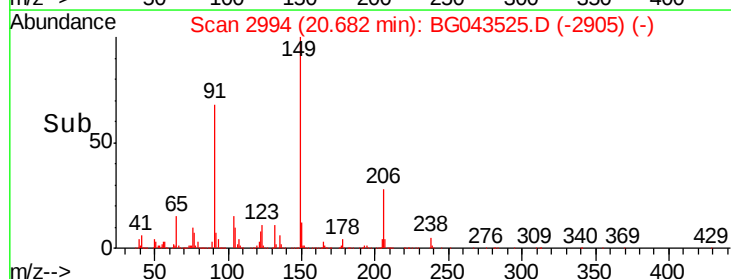
206 27.9 22.5 33.7

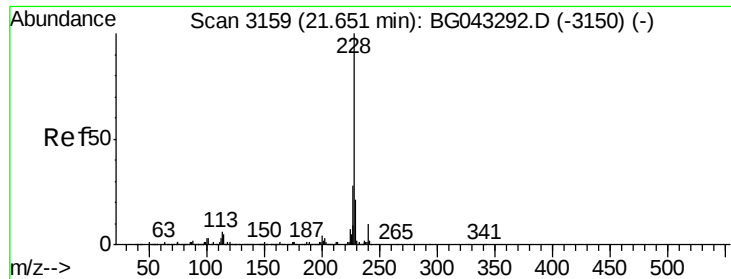


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.762 ng

RT: 21.64 min Scan# 3157

Delta R.T. 0.00 min

Lab File: BG043525.D

Acq: 6 Nov 2019 18:13

Instrument :

BNA_G

ClientSampleId :

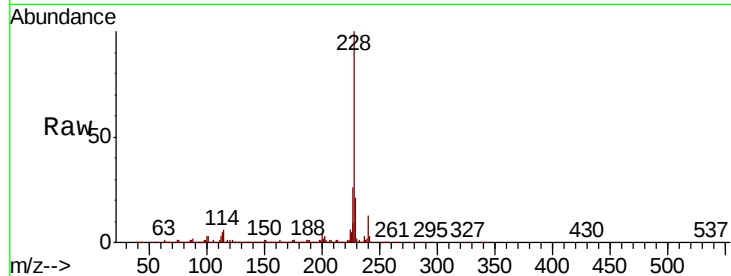
Tot Ion:228 Resp: 594205

Ion Ratio Lower Upper

228 100

226 26.0 22.2 33.2

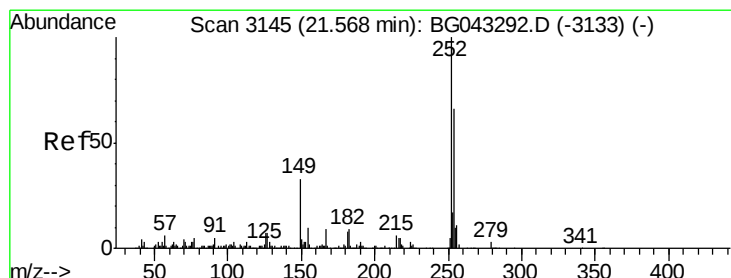
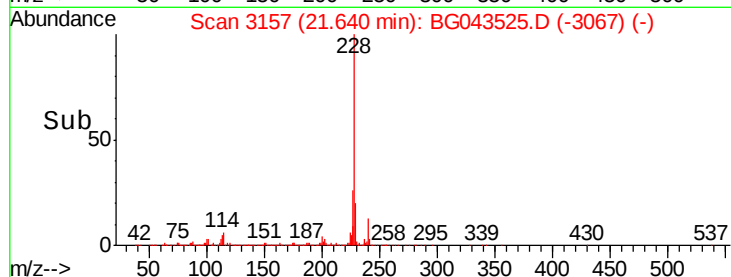
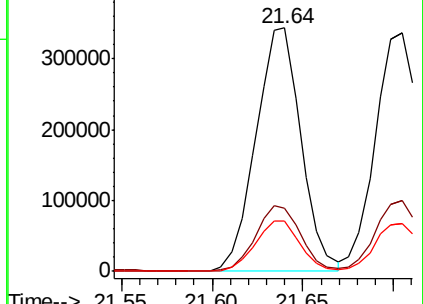
229 20.5 17.0 25.4



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: 31.497 ng

RT: 21.55 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BG043525.D

Acq: 6 Nov 2019 18:13

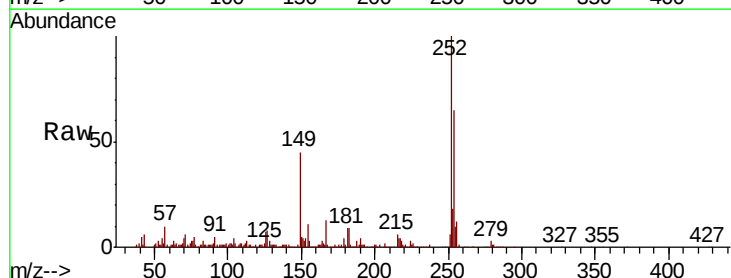
Tgt Ion:252 Resp: 191698

Ion Ratio Lower Upper

252 100

254 65.4 50.8 76.2

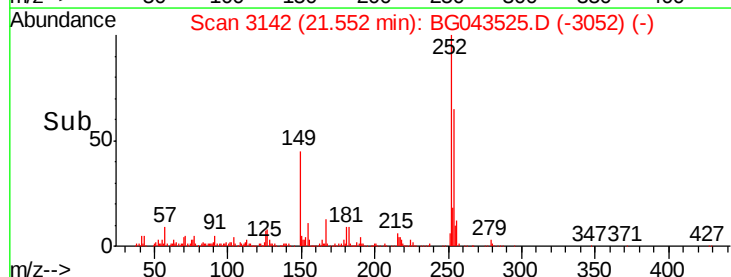
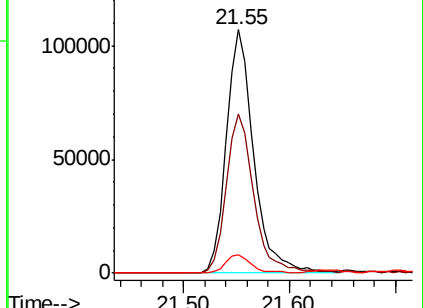
126 7.4 6.1 9.1

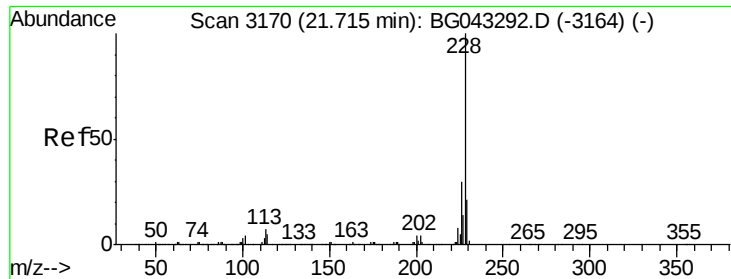


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 37.631 ng

RT: 21.70 min Scan# 3168

Delta R.T. 0.00 min

Lab File: BG043525.D

Acq: 6 Nov 2019 18:13

Instrument :

BNA_G

ClientSampleId :

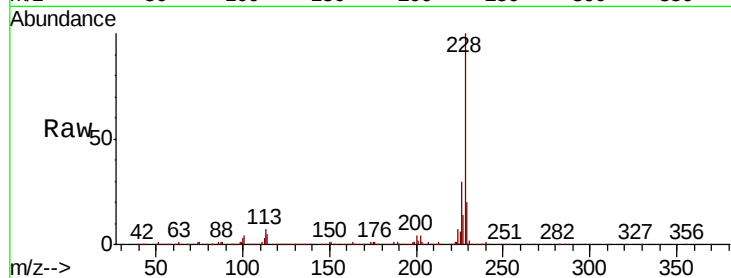
Tot Ion:228 Resp: 588336

Ion Ratio Lower Upper

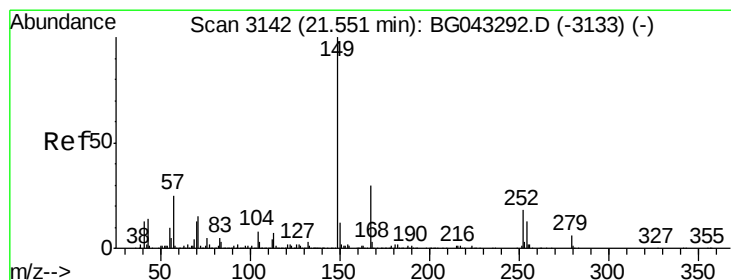
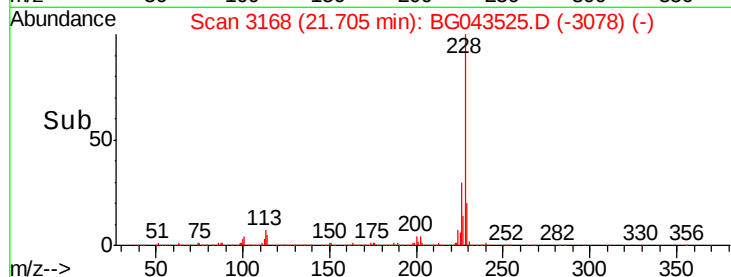
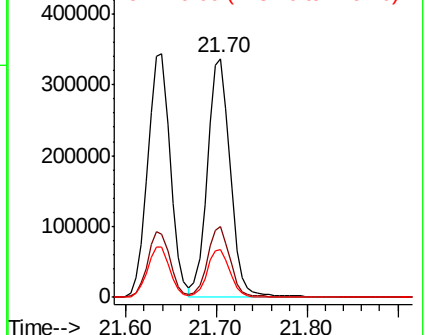
228 100

226 29.8 25.1 37.7

229 20.0 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



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.466 ng

RT: 21.53 min Scan# 3139

Delta R.T. -0.00 min

Lab File: BG043525.D

Acq: 6 Nov 2019 18:13

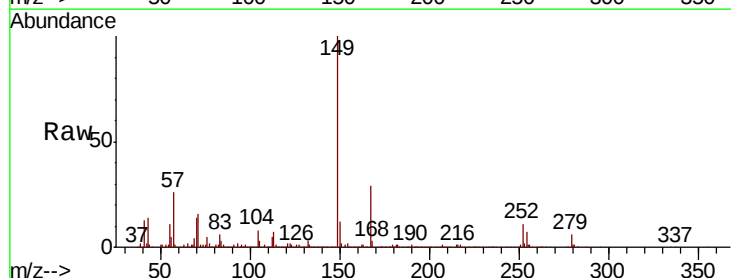
Tgt Ion:149 Resp: 321897

Ion Ratio Lower Upper

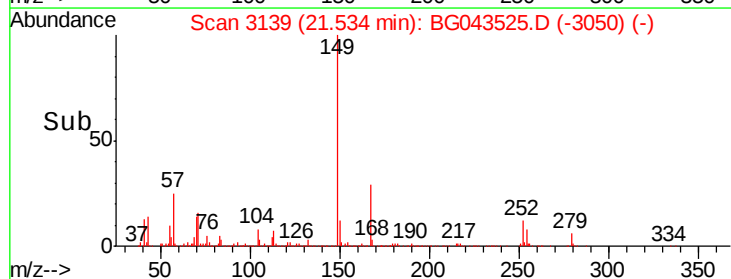
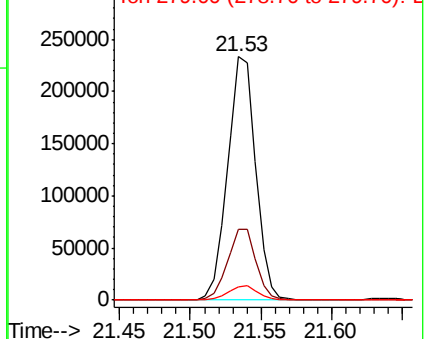
149 100

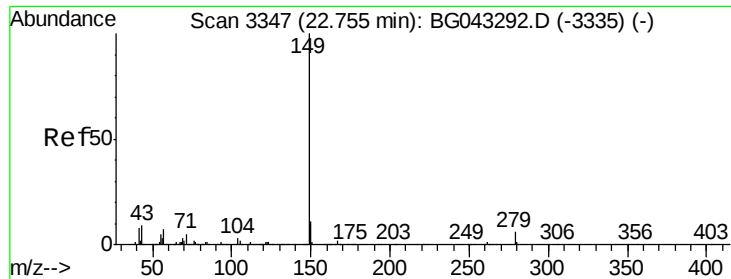
167 29.1 24.0 36.0

279 5.7 5.4 8.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.066 ng

RT: 22.73 min Scan# 3343

Delta R.T. -0.00 min

Lab File: BG043525.D

Acq: 6 Nov 2019 18:13

Instrument :

BNA_G

ClientSampleId :

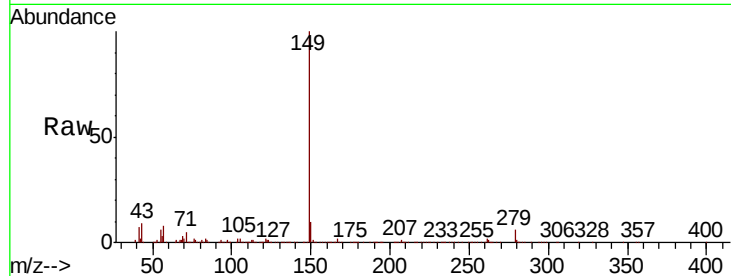
Tot Ion:149 Resp: 554638

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.2

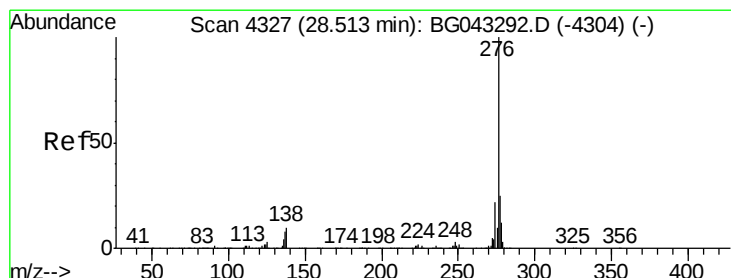
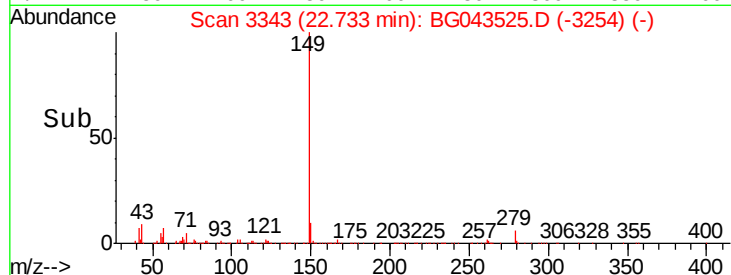
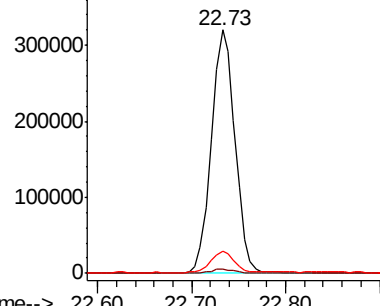
43 8.6 7.0 10.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.850 ng

RT: 28.50 min Scan# 4325

Delta R.T. 0.01 min

Lab File: BG043525.D

Acq: 6 Nov 2019 18:13

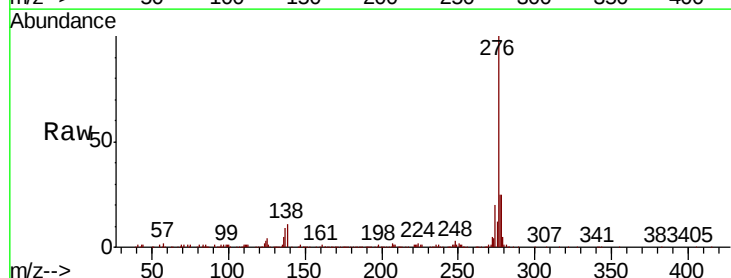
Tgt Ion:276 Resp: 762443

Ion Ratio Lower Upper

276 100

138 5.9 6.8 10.2#

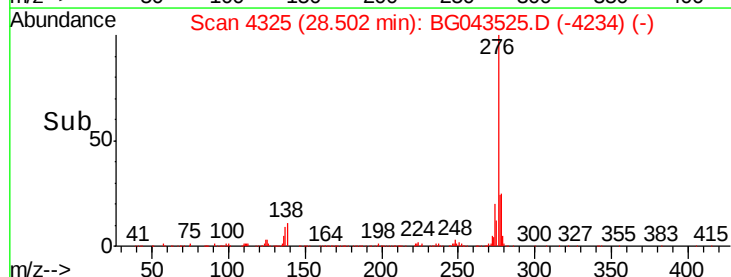
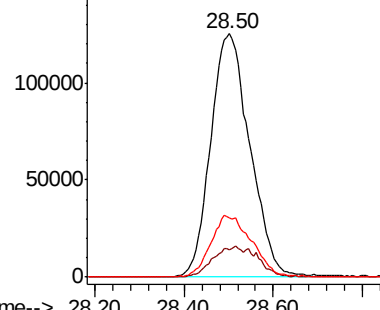
277 26.4 20.9 31.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3703

Delta R.T. -0.00 min

Lab File: BG043525.D

Acq: 6 Nov 2019 18:13

Instrument :

BNA_G

ClientSampleId :

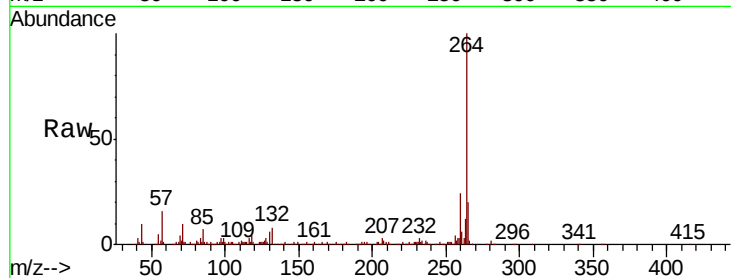
Tot Ion:264 Resp: 228144

Ion Ratio Lower Upper

264 100

260 23.8 17.5 26.3

265 20.3 17.4 26.0

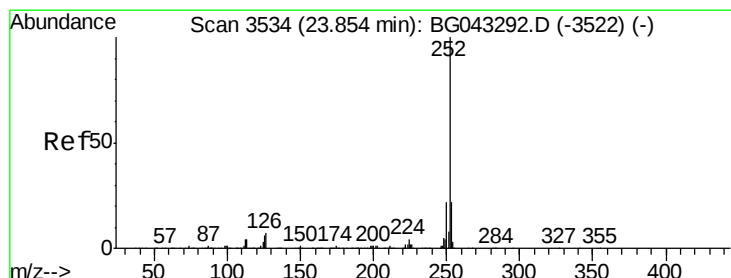
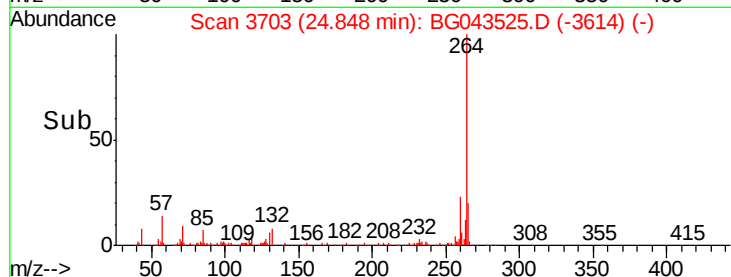
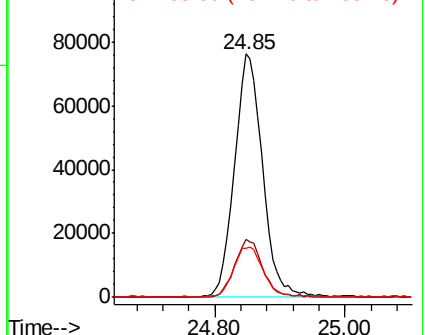


Abundance

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: 48.986 ng

RT: 23.84 min Scan# 3532

Delta R.T. 0.00 min

Lab File: BG043525.D

Acq: 6 Nov 2019 18:13

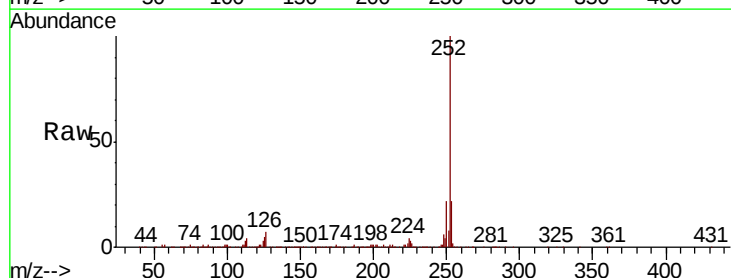
Tgt Ion:252 Resp: 632962

Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 5.0 4.5 6.7

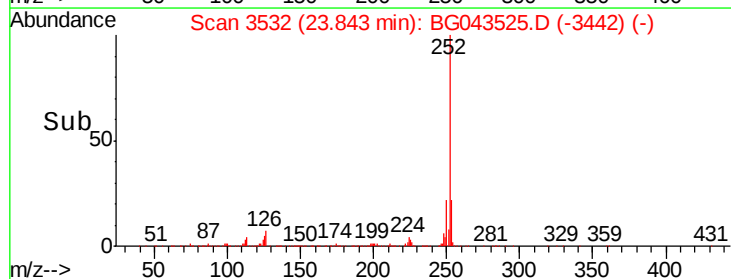
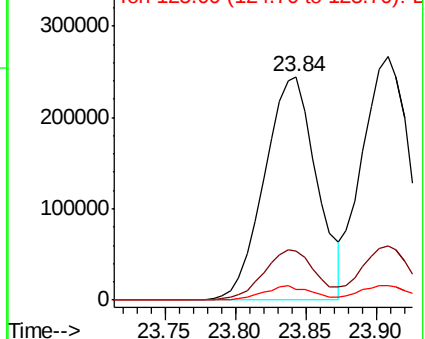


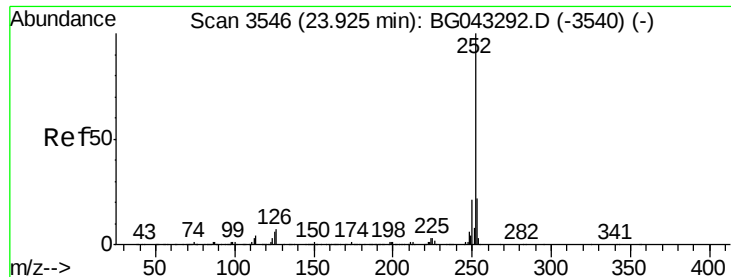
Abundance

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: 49.340 ng

RT: 23.91 min Scan# 3543

Delta R.T. 0.00 min

Lab File: BG043525.D

Acq: 6 Nov 2019 18:13

Instrument :

BNA_G

ClientSampleId :

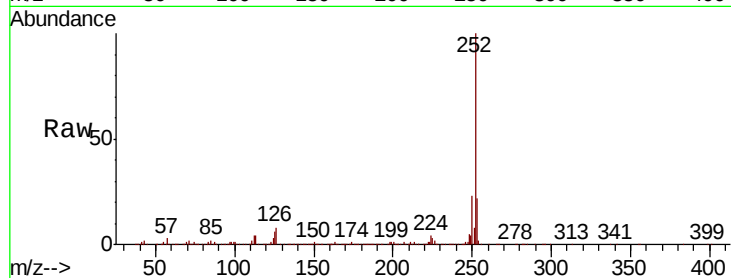
Tot Ion:252 Resp: 641810

Ion Ratio Lower Upper

252 100

253 22.4 17.3 25.9

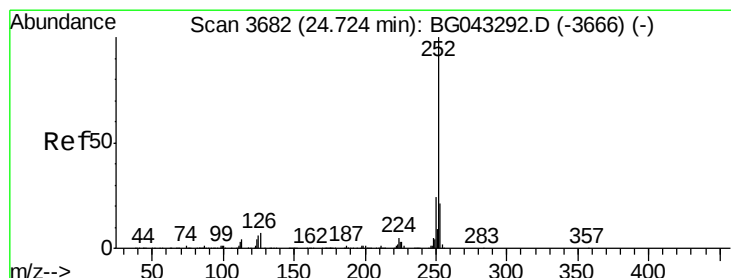
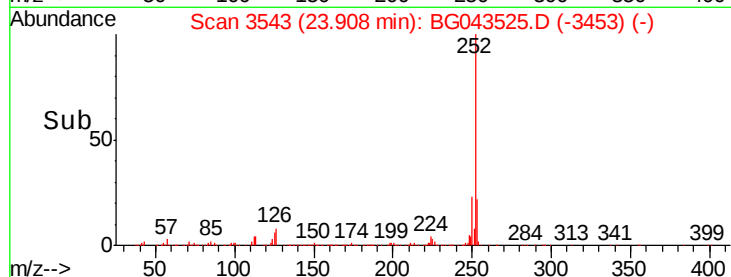
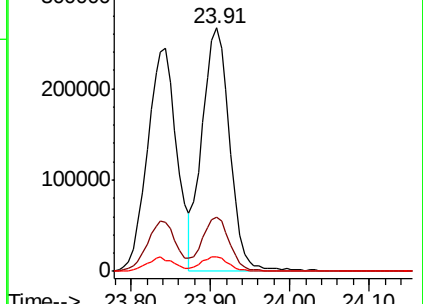
125 6.0 4.6 6.8



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: 47.198 ng

RT: 24.70 min Scan# 3678

Delta R.T. 0.00 min

Lab File: BG043525.D

Acq: 6 Nov 2019 18:13

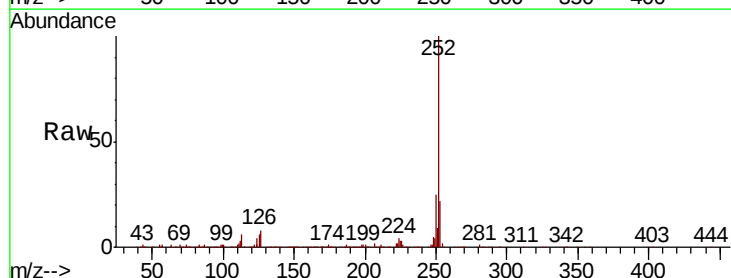
Tgt Ion:252 Resp: 582370

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

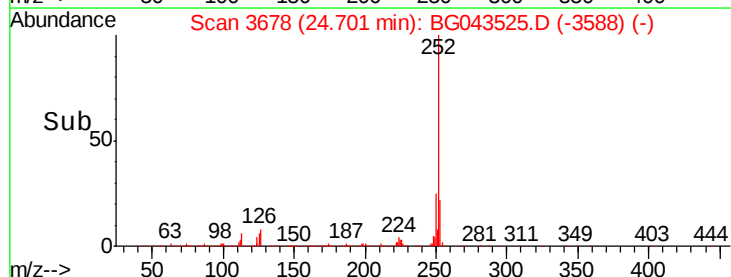
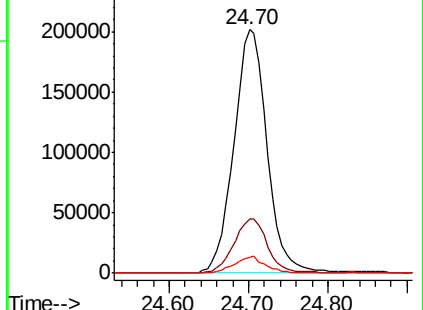
125 6.5 5.4 8.2

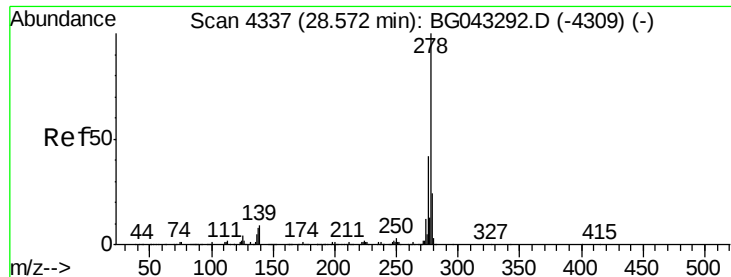


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 51.966 ng

RT: 28.56 min Scan# 4334

Delta R.T. 0.00 min

Lab File: BG043525.D

Acq: 6 Nov 2019 18:13

Instrument :

BNA_G

ClientSampleId :

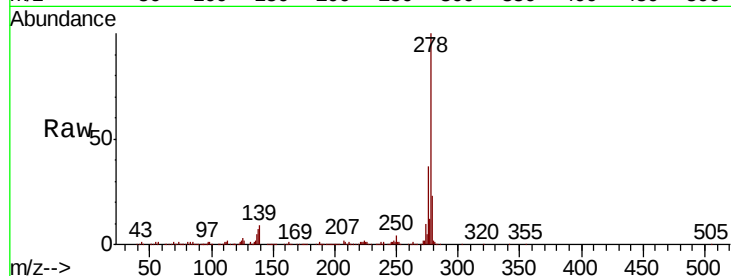
Tot Ion:278 Resp: 655857

Ion Ratio Lower Upper

278 100

139 9.0 7.4 11.0

279 23.0 19.1 28.7

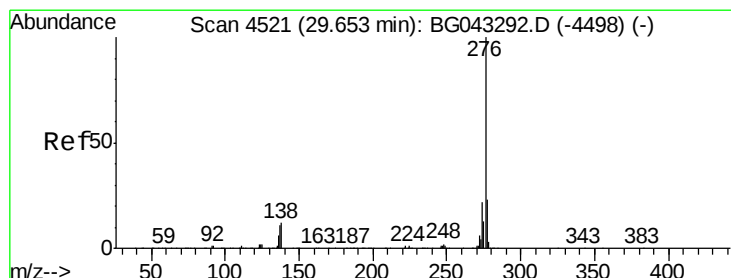
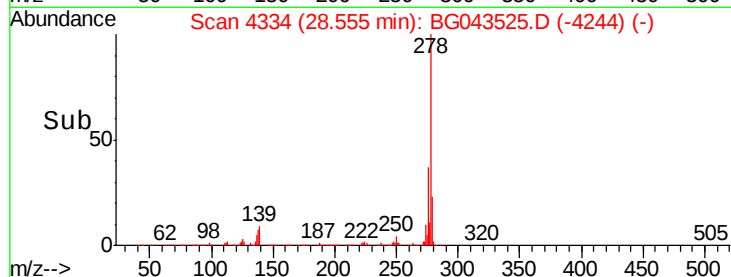
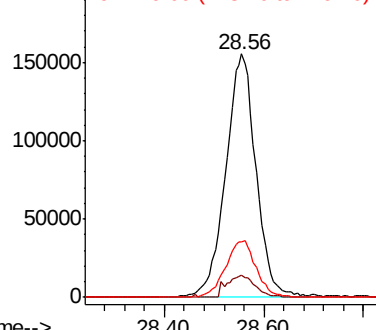


Abundance

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: 51.054 ng

RT: 29.64 min Scan# 4518

Delta R.T. 0.01 min

Lab File: BG043525.D

Acq: 6 Nov 2019 18:13

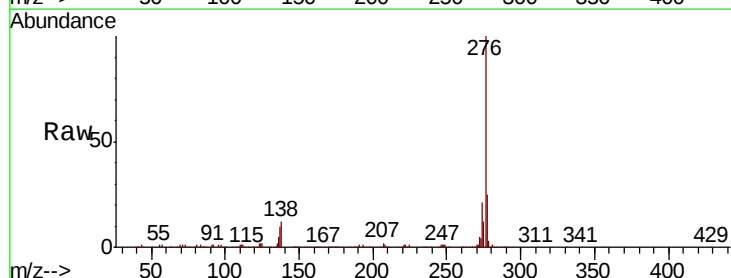
Tgt Ion:276 Resp: 635591

Ion Ratio Lower Upper

276 100

277 25.4 18.9 28.3

138 12.5 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

