

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111319\
 Data File : BG043618.D
 Acq On : 13 Nov 2019 18:41
 Operator : JU
 Sample : PB124674BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 14 01:42:12 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	8.00	152	25891	20.00	ng	-0.01
21) Naphthalene-d8	10.80	136	101851	20.00	ng	-0.02
39) Acenaphthene-d10	14.63	164	73692	20.00	ng	-0.01
64) Phenanthrene-d10	17.37	188	173784	20.00	ng	-0.02
76) Chrysene-d12	21.64	240	198480	20.00	ng	-0.02
87) Perylene-d12	24.82	264	215120	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	165400	117.06	ng	0.00
7) Phenol-d6	7.20	99	225646	111.00	ng	0.00
23) Nitrobenzene-d5	9.16	82	113973	57.69	ng	-0.02
42) 2,4,6-Tribromophenol	16.12	330	141704	101.05	ng	-0.01
45) 2-Fluorobiphenyl	13.25	172	312981	58.69	ng	-0.02
79) Terphenyl-d14	19.98	244	643983	60.87	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	19008	34.522	ng	93
3) Pyridine	3.86	79	45674	32.885	ng	95
4) n-Nitrosodimethylamine	3.78	42	27826	39.703	ng	# 98
6) Aniline	7.33	93	66231	28.282	ng	99
8) 2-Chlorophenol	7.58	128	66228	42.462	ng	98
9) Benzaldehyde	7.14	77	34737	34.771	ng	# 83
10) Phenol	7.23	94	78977	42.515	ng	97
11) bis(2-Chloroethyl)ether	7.42	93	51686	35.988	ng	97
12) 1,3-Dichlorobenzene	7.88	146	72915	37.312	ng	99
13) 1,4-Dichlorobenzene	8.03	146	71800	36.315	ng	96
14) 1,2-Dichlorobenzene	8.35	146	69140	35.815	ng	99
15) Benzyl Alcohol	8.25	79	56536	39.600	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.52	45	72108	34.529	ng	99
17) 2-Methylphenol	8.47	107	55464	40.957	ng	98
18) Hexachloroethane	9.08	117	25830	36.210	ng	87
19) n-Nitroso-di-n-propylamine	8.80	70	46083	35.082	ng	93
20) 3+4-Methylphenols	8.80	107	77022	41.478	ng	# 89
22) Acetophenone	8.82	105	94511	36.235	ng	# 89
24) Nitrobenzene	9.21	77	71254	37.861	ng	94
25) Isophorone	9.72	82	132183	36.596	ng	97
26) 2-Nitrophenol	9.92	139	36523	40.198	ng	# 94
27) 2,4-Dimethylphenol	9.99	122	62750	48.186	ng	98
28) bis(2-Chloroethoxy)methane	10.20	93	73033	36.636	ng	100
29) 2,4-Dichlorophenol	10.48	162	70673	42.356	ng	93
30) 1,2,4-Trichlorobenzene	10.66	180	77367	36.789	ng	99
31) Naphthalene	10.85	128	200913	38.862	ng	97
32) Benzoic acid	10.16	122	29464	33.094	ng	97
33) 4-Chloroaniline	10.97	127	50713	23.930	ng	95
34) Hexachlorobutadiene	11.14	225	53967	34.715	ng	98
35) Caprolactam	11.73	113	14301	24.886	ng	94
36) 4-Chloro-3-methylphenol	12.11	107	75143	41.287	ng	97
37) 2-Methylnaphthalene	12.46	142	151018	38.071	ng	98
38) 1-Methylnaphthalene	12.67	142	145576	38.570	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	100392	36.811	ng	99

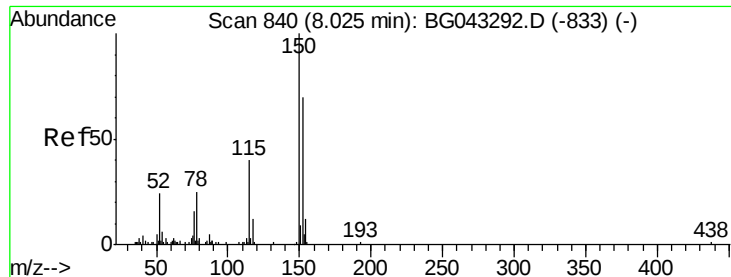
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111319\
 Data File : BG043618.D
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	80082	55.899	nq	96
43) 2,4,6-Trichlorophenol	13.07	196	61462	38.268	nq	96
44) 2,4,5-Trichlorophenol	13.17	196	66684	41.068	nq	97
46) 1,1'-Biphenyl	13.46	154	211103	37.656	nq	99
47) 2-Chloronaphthalene	13.51	162	163687	38.375	nq	97
48) 2-Nitroaniline	13.72	65	49440	38.780	nq	95
49) Acenaphthylene	14.35	152	265112	39.935	nq	98
50) Dimethylphthalate	14.08	163	212040	37.148	nq	99
51) 2,6-Dinitrotoluene	14.21	165	49043	39.549	nq	98
52) Acenaphthene	14.69	154	154924	38.267	nq	95
53) 3-Nitroaniline	14.55	138	34096	28.479	nq	97
54) 2,4-Dinitrophenol	14.75	184	39523	53.677	nq	95
55) Dibenzofuran	15.03	168	257927	39.287	nq	98
56) 4-Nitrophenol	14.89	139	63979	79.744	nq	95
57) 2,4-Dinitrotoluene	14.99	165	70303	39.671	nq	# 97
58) Fluorene	15.68	166	215641	39.162	nq	96
59) 2,3,4,6-Tetrachlorophenol	15.26	232	65420	37.922	nq	94
60) Diethylphthalate	15.44	149	214617	37.421	nq	97
61) 4-Chlorophenyl-phenylether	15.66	204	124177	38.657	nq	98
62) 4-Nitroaniline	15.71	138	47403	38.338	nq	96
63) Azobenzene	15.96	77	180379	38.861	nq	97
65) 4,6-Dinitro-2-methylphenol	15.76	198	36962	36.141	nq	91
66) n-Nitrosodiphenylamine	15.88	169	192063	39.146	nq	98
67) 4-Bromophenyl-phenylether	16.56	248	86287	36.895	nq	98
68) Hexachlorobenzene	16.68	284	96653	36.003	nq	96
69) Atrazine	16.83	200	83430	48.937	nq	98
70) Pentachlorophenol	17.04	266	72021	58.876	nq	100
71) Phenanthrene	17.41	178	351494	39.498	nq	98
72) Anthracene	17.51	178	361682	40.622	nq	98
73) Carbazole	17.78	167	319097	39.576	nq	98
74) Di-n-butylphthalate	18.33	149	383904	39.241	nq	98
75) Fluoranthene	19.42	202	469093	40.433	nq	99
77) Benzidine	19.61	184	157831	39.512	nq	97
78) Pyrene	19.79	202	477046	38.829	nq	99
80) Butylbenzylphthalate	20.67	149	177242	38.079	nq	97
81) Benzo(a)anthracene	21.62	228	492555	39.618	nq	98
82) 3,3'-Dichlorobenzidine	21.54	252	158335	32.927	nq	99
83) Chrysene	21.69	228	488786	39.569	nq	97
84) Bis(2-ethylhexyl)phthalate	21.52	149	262623	39.720	nq	100
85) Di-n-octyl phthalate	22.71	149	455864	40.639	nq	100
86) Indeno(1,2,3-cd)pyrene	28.45	276	620237	40.000	nq	# 96
88) Benzo(b)fluoranthene	23.81	252	526975	43.252	nq	100
89) Benzo(k)fluoranthene	23.88	252	512124	41.753	nq	99
90) Benzo(a)pyrene	24.67	252	481904	41.420	nq	100
91) Dibenzo(a,h)anthracene	28.51	278	518295	43.553	nq	99
92) Benzo(g,h,i)perylene	29.58	276	524247	44.660	nq	97

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

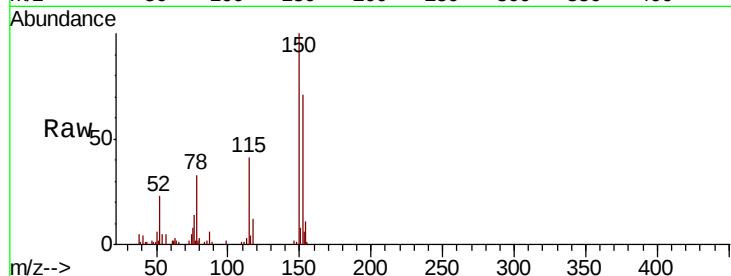


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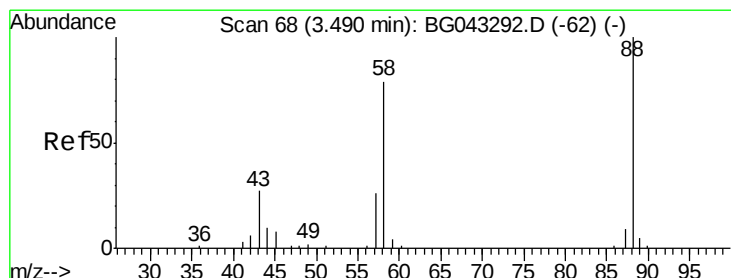
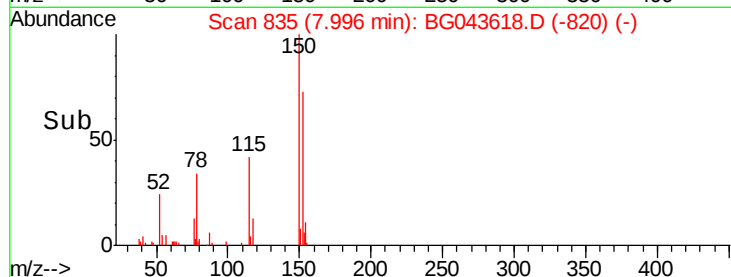
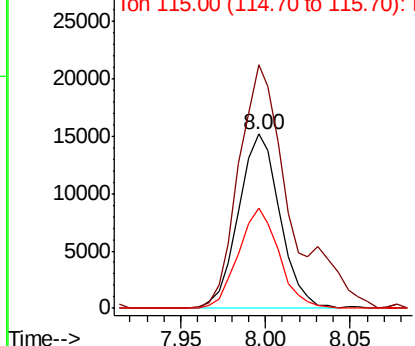
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG043618.D
Acq: 13 Nov 2019 18:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 25891
Ion Ratio Lower Upper
152 100
150 139.9 129.4 194.0
115 57.8 48.8 73.2



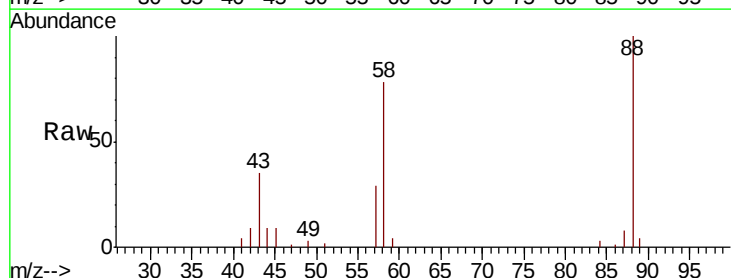
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



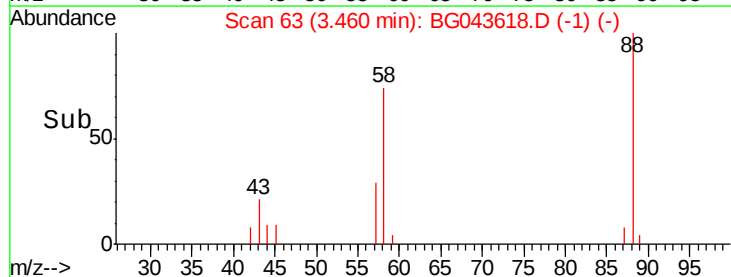
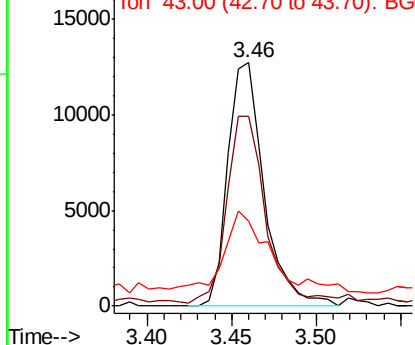
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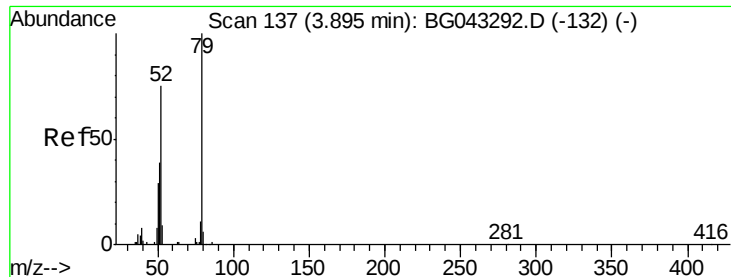
1,4-Dioxane
Concen: 34.522 ng
RT: 3.46 min Scan# 63
Delta R.T. -0.01 min
Lab File: BG043618.D
Acq: 13 Nov 2019 18:41

Tgt Ion: 88 Resp: 19008
Ion Ratio Lower Upper
88 100
58 83.1 62.7 94.1
43 35.0 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: 32.885 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.02 min

Lab File: BG043618.D

Acq: 13 Nov 2019 18:41

Instrument :

BNA_G

ClientSampleId :

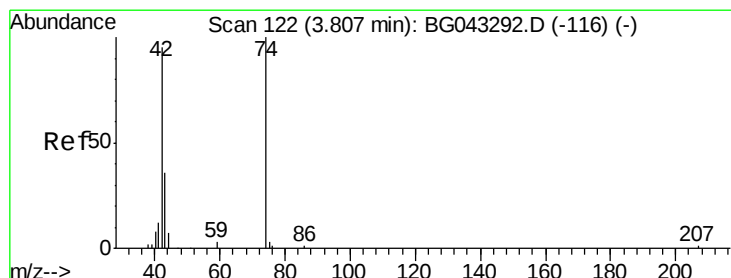
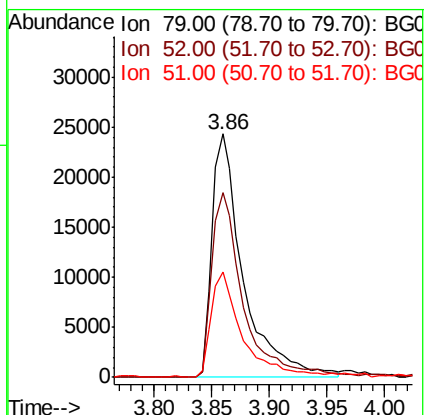
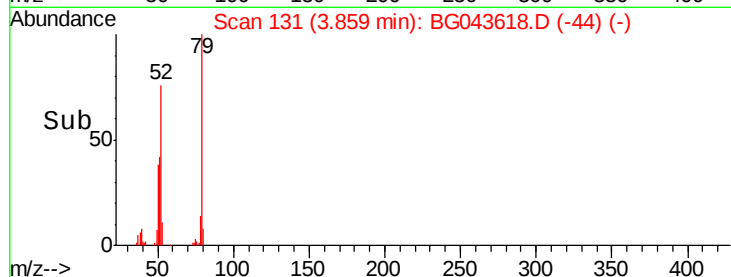
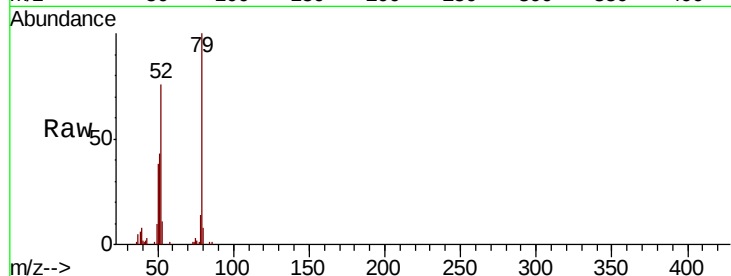
Tot Ion: 79 Resp: 45674

Ion Ratio Lower Upper

79 100

52 75.6 56.5 84.7

51 43.1 33.2 49.8



#4

n-Nitrosodimethylamine

Concen: 39.703 ng

RT: 3.78 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG043618.D

Acq: 13 Nov 2019 18:41

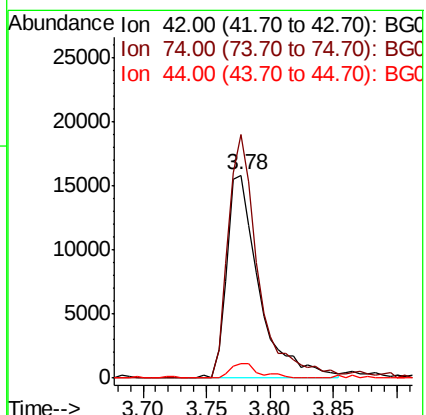
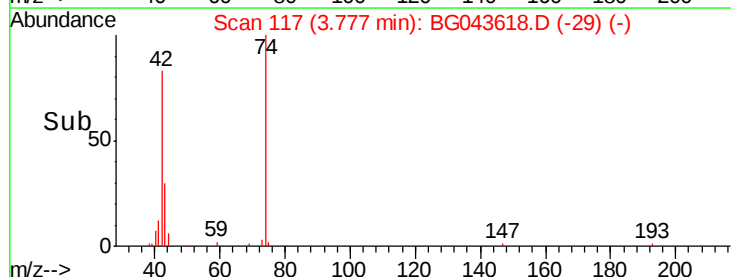
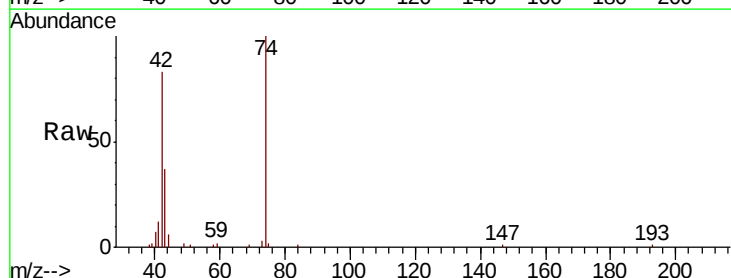
Tgt Ion: 42 Resp: 27826

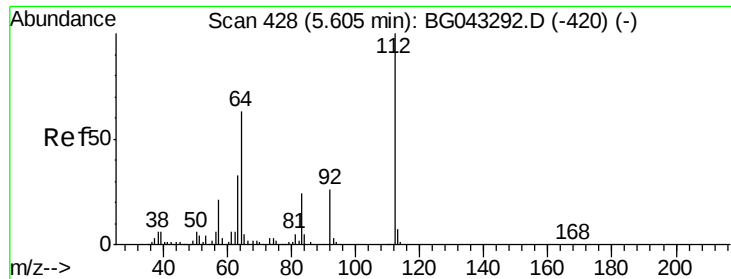
Ion Ratio Lower Upper

42 100

74 119.8 97.3 145.9

44 7.4 4.4 6.6#





#5

2-Fluorophenol

Concen: 117.063 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.01 min

Lab File: BG043618.D

Acq: 13 Nov 2019 18:41

Instrument :

BNA_G

ClientSampleId :

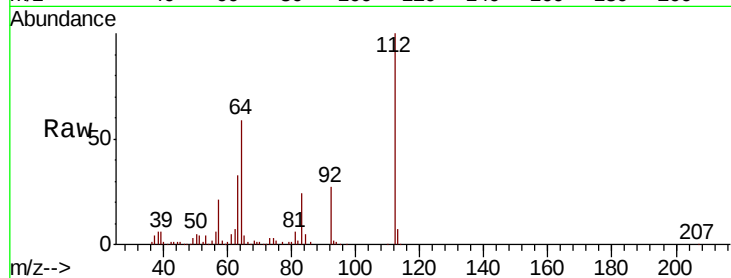
Tot Ion:112 Resp: 165400

Ion Ratio Lower Upper

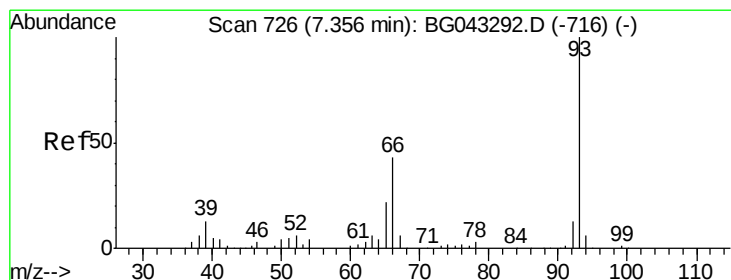
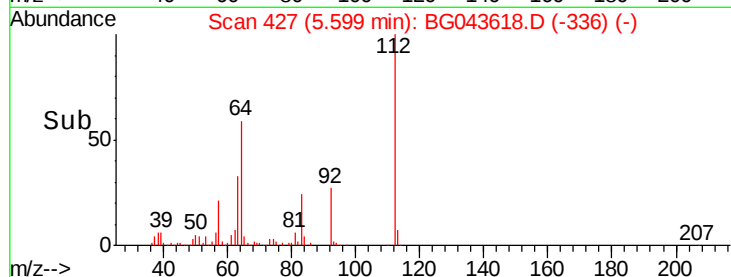
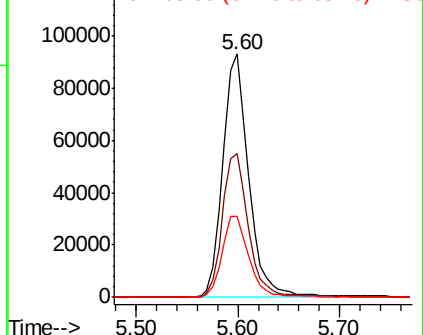
112 100

64 59.0 50.0 75.0

63 33.1 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: 28.282 ng

RT: 7.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG043618.D

Acq: 13 Nov 2019 18:41

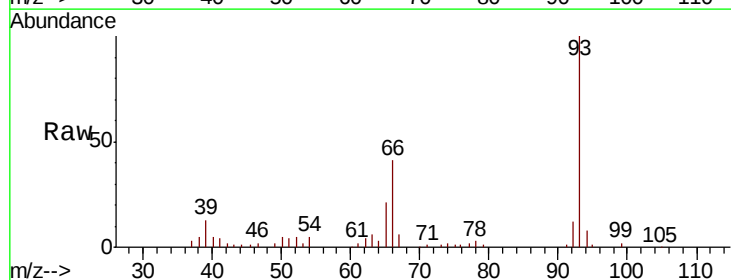
Tgt Ion: 93 Resp: 66231

Ion Ratio Lower Upper

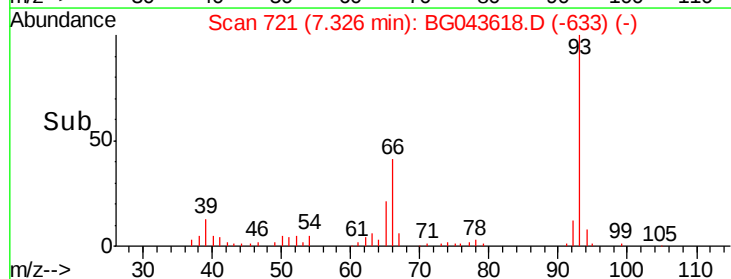
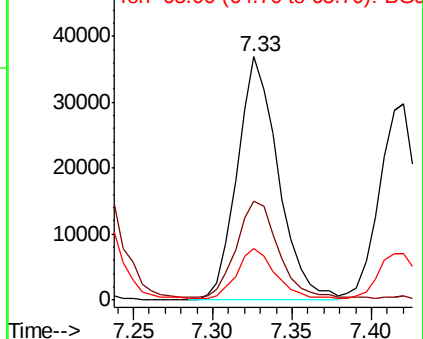
93 100

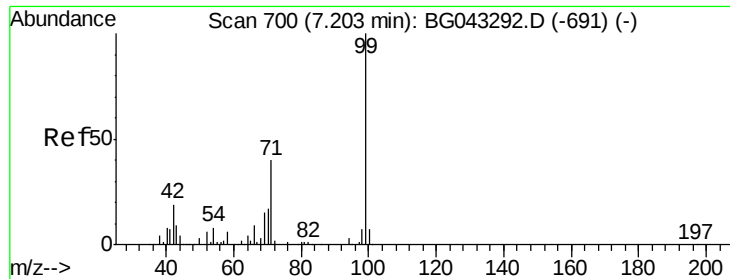
66 40.7 32.3 48.5

65 21.2 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: 110.999 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG043618.D

Acq: 13 Nov 2019 18:41

Instrument :

BNA_G

ClientSampleId :

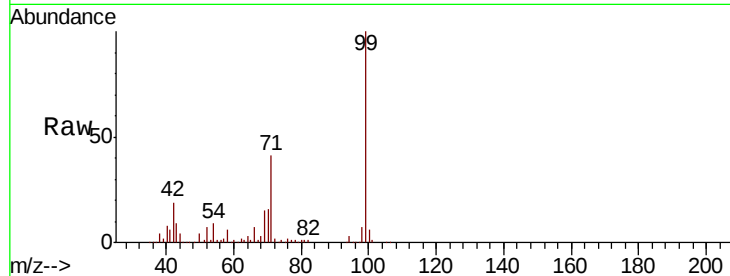
Tot Ion: 99 Resp: 225646

Ion Ratio Lower Upper

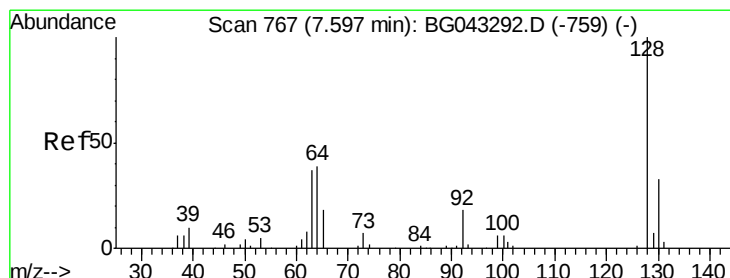
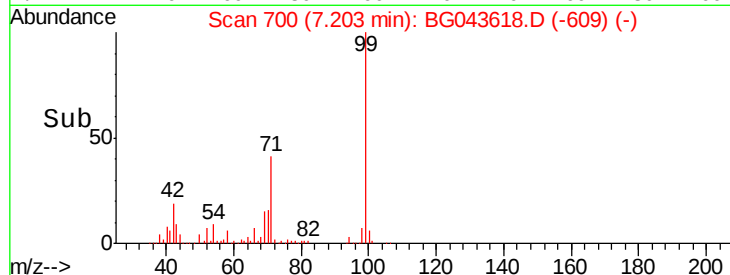
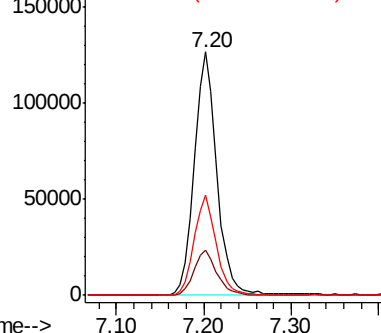
99 100

42 18.6 14.6 21.8

71 41.1 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: 42.462 ng

RT: 7.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BG043618.D

Acq: 13 Nov 2019 18:41

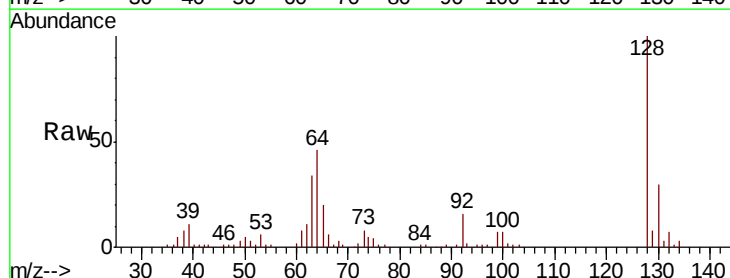
Tgt Ion: 128 Resp: 66228

Ion Ratio Lower Upper

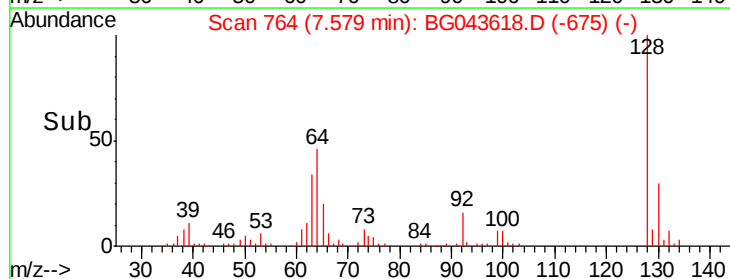
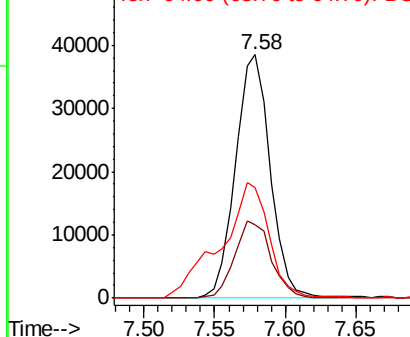
128 100

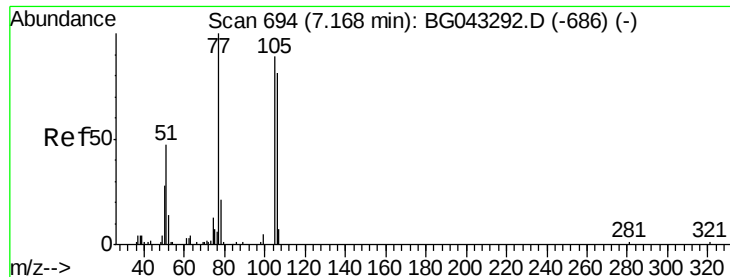
130 30.1 12.5 52.5

64 45.5 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: 34.771 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG043618.D

Acq: 13 Nov 2019 18:41

Instrument :

BNA_G

ClientSampled :

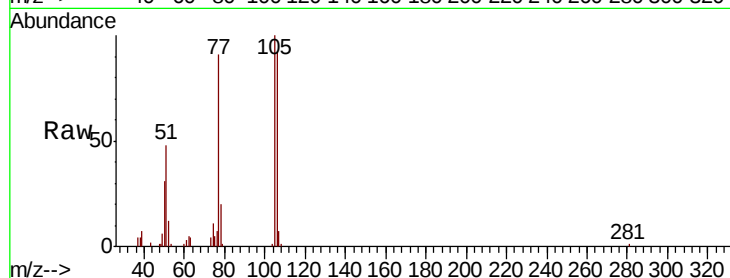
Tot Ion: 77 Resp: 34737

Ion Ratio Lower Upper

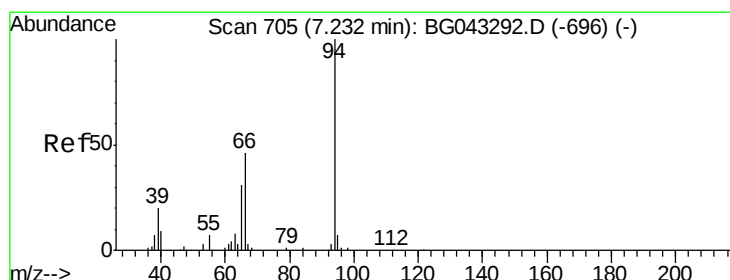
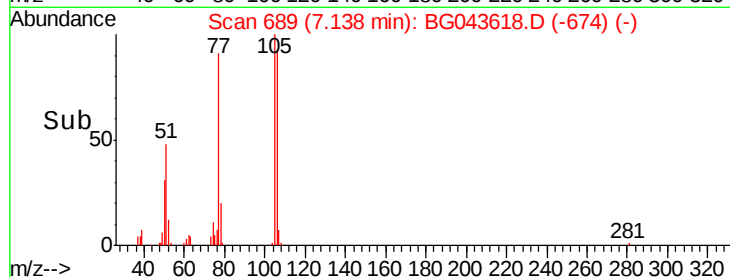
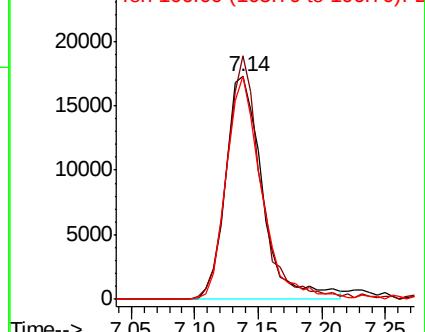
77 100

105 109.4 68.6 108.6#

106 100.2 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: 42.515 ng

RT: 7.23 min Scan# 704

Delta R.T. 0.01 min

Lab File: BG043618.D

Acq: 13 Nov 2019 18:41

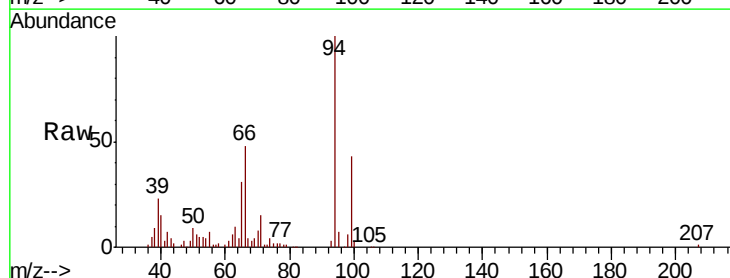
Tgt Ion: 94 Resp: 78977

Ion Ratio Lower Upper

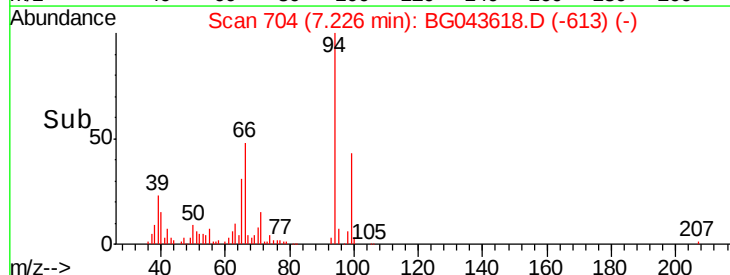
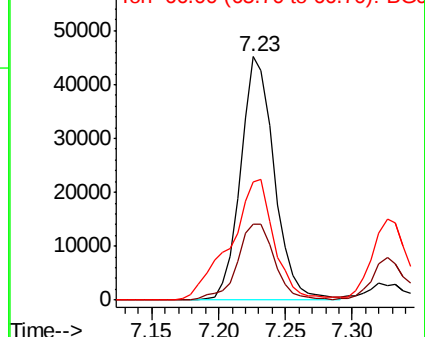
94 100

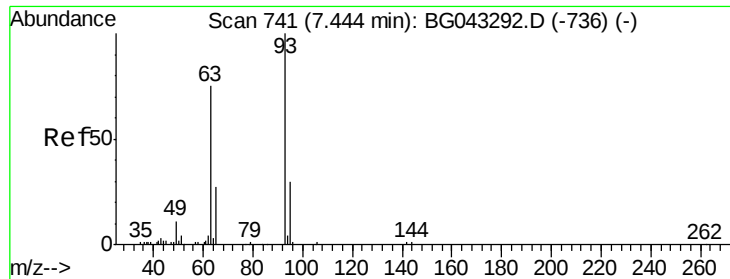
65 31.4 12.6 52.6

66 48.5 30.7 70.7



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

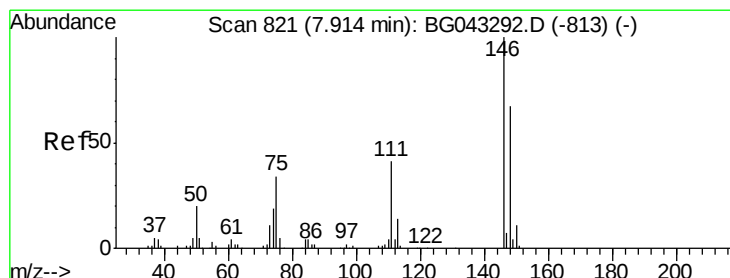
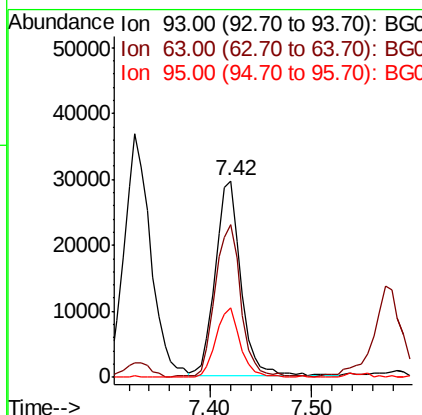
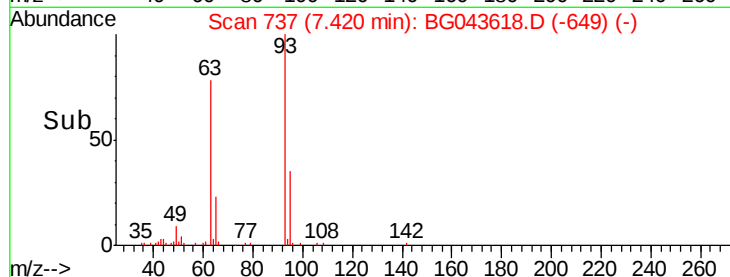
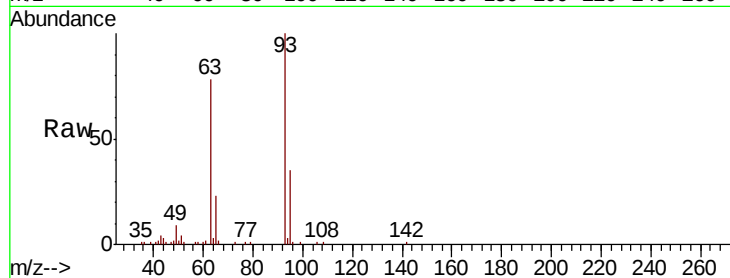




#11
bis(2-Chloroethyl)ether
Concen: 35.988 ng
RT: 7.42 min Scan# 737
Delta R.T. -0.01 min
Lab File: BG043618.D
Acq: 13 Nov 2019 18:41

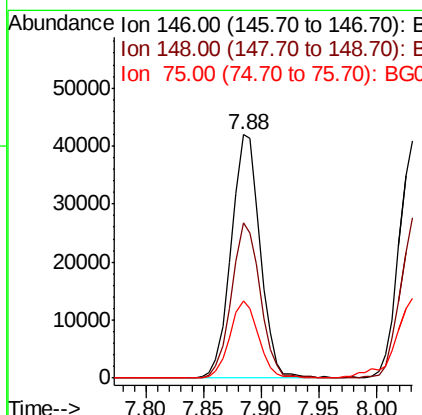
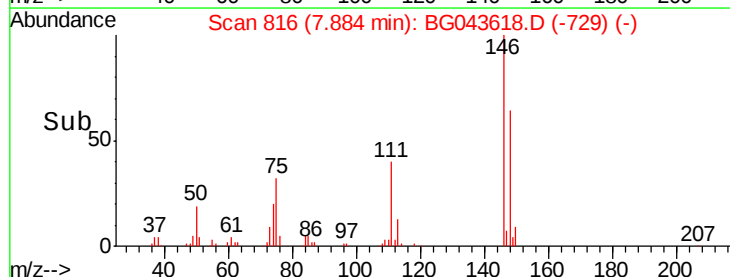
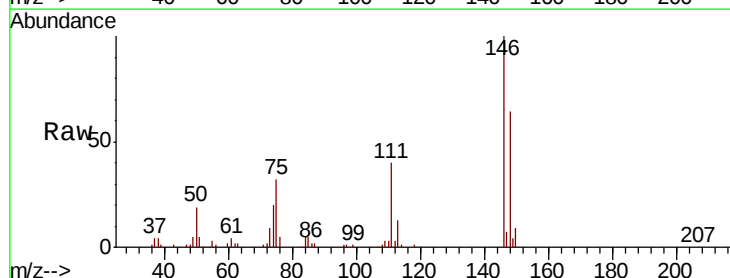
Instrument :
BNA_G
ClientSampleId :

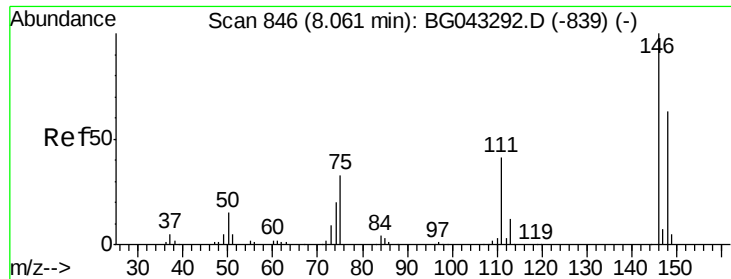
Tot Ion	93	Resp	51686
Ion Ratio	100	Lower	Upper
63	77.6	56.3	96.3
95	35.3	12.2	52.2



#12
1,3-Dichlorobenzene
Concen: 37.312 ng
RT: 7.88 min Scan# 816
Delta R.T. -0.02 min
Lab File: BG043618.D
Acq: 13 Nov 2019 18:41

Tgt Ion	146	Resp	72915
Ion Ratio	100	Lower	Upper
148	63.6	50.3	75.5
75	31.6	24.6	37.0

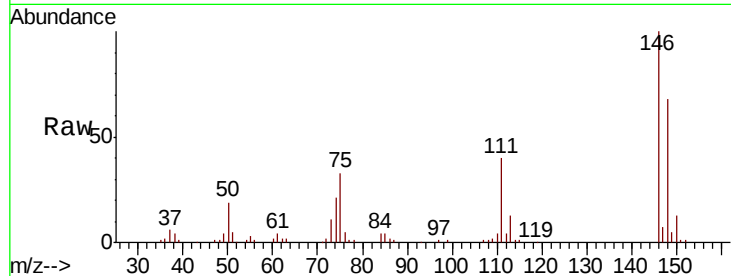




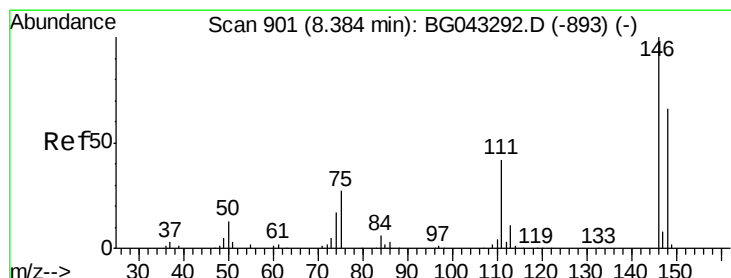
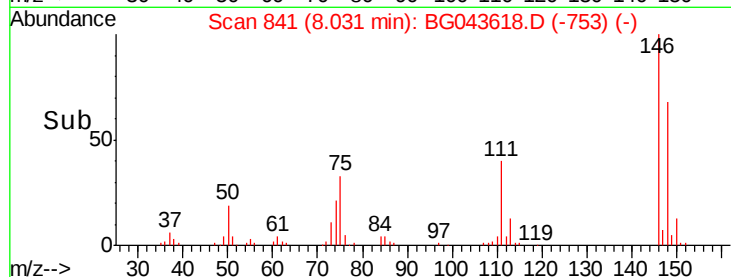
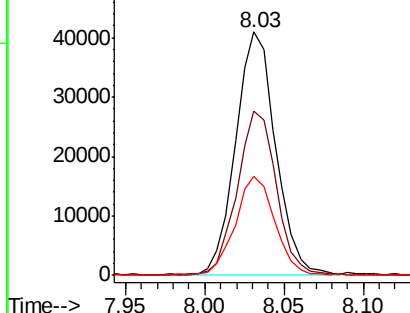
#13
 1,4-Dichlorobenzene
 Concen: 36.315 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BG043618.D
 Acq: 13 Nov 2019 18:41

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:146 Resp: 71800
 Ion Ratio Lower Upper
 146 100
 148 67.5 50.7 76.1
 111 40.5 33.4 50.2

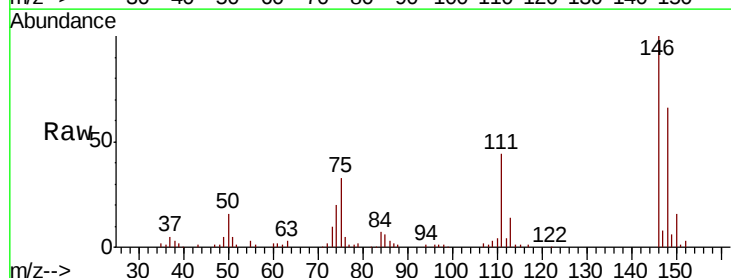


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

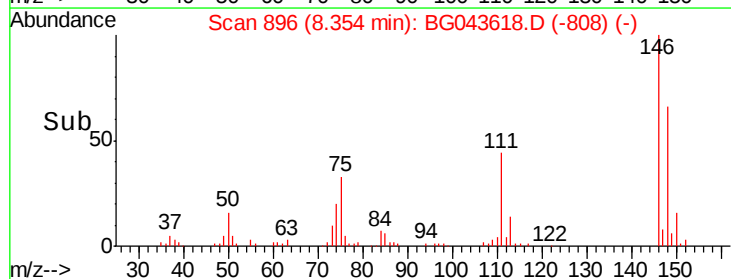
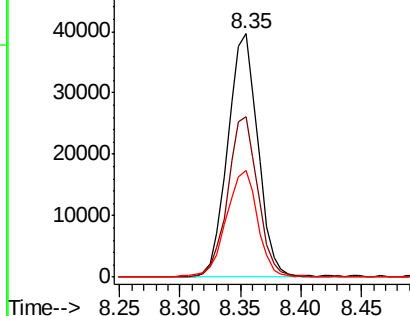


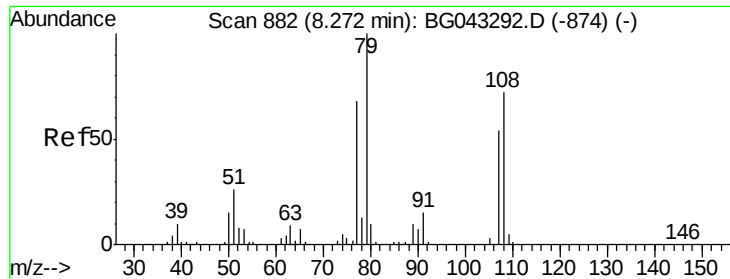
#14
 1,2-Dichlorobenzene
 Concen: 35.815 ng
 RT: 8.35 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG043618.D
 Acq: 13 Nov 2019 18:41

Tgt Ion:146 Resp: 69140
 Ion Ratio Lower Upper
 146 100
 148 65.9 53.2 79.8
 111 43.7 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: 39.600 ng

RT: 8.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BG043618.D

Acq: 13 Nov 2019 18:41

Instrument :

BNA_G

ClientSampleId :

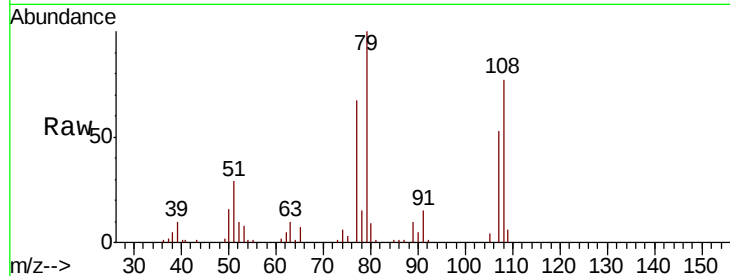
Tot Ion: 79 Resp: 56536

Ion Ratio Lower Upper

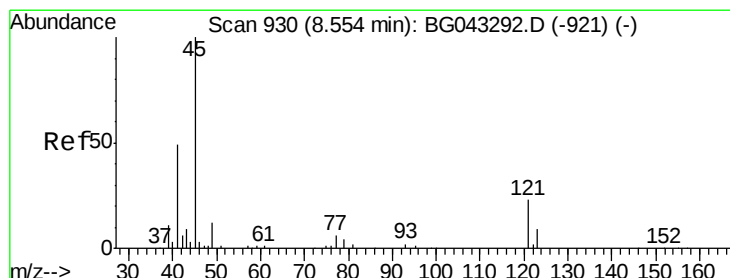
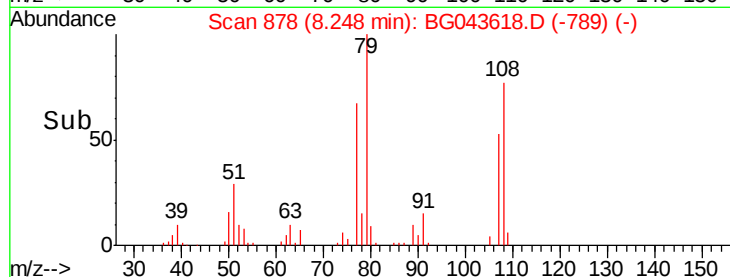
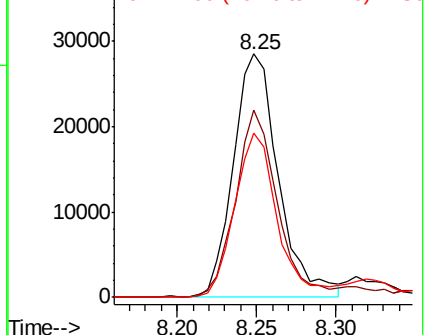
79 100

108 76.8 53.6 80.4

77 67.3 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: 34.529 ng

RT: 8.52 min Scan# 925

Delta R.T. -0.02 min

Lab File: BG043618.D

Acq: 13 Nov 2019 18:41

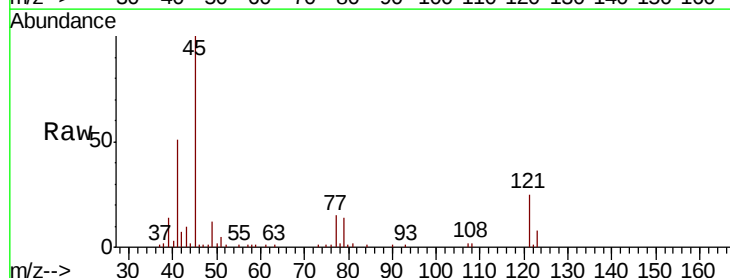
Tgt Ion: 45 Resp: 72108

Ion Ratio Lower Upper

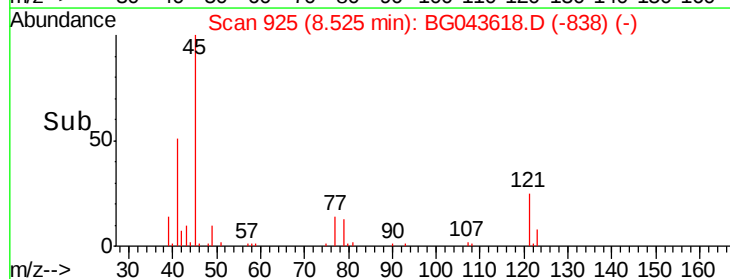
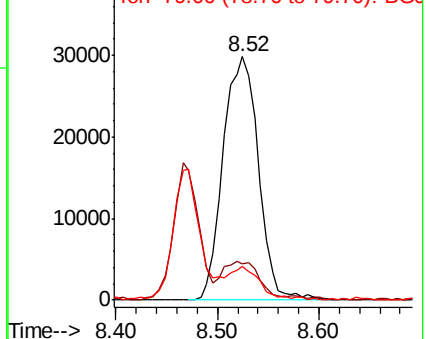
45 100

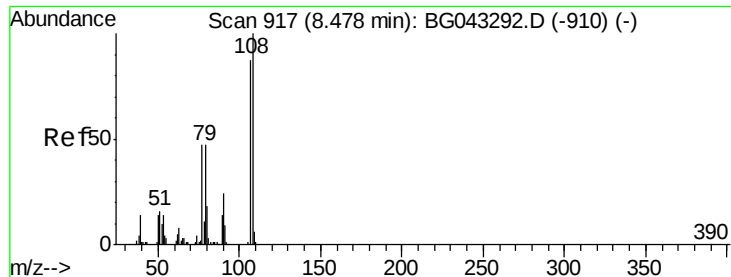
77 14.7 0.0 34.9

79 13.7 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: 40.957 ng

RT: 8.47 min Scan# 916

Delta R.T. 0.01 min

Lab File: BG043618.D

Acq: 13 Nov 2019 18:41

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 55464

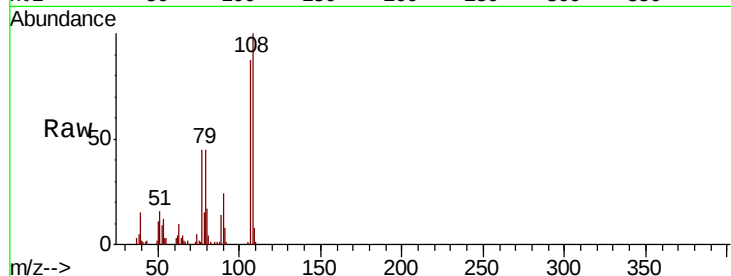
Ion Ratio Lower Upper

107 100

108 114.7 90.2 135.4

77 51.6 40.2 60.2

79 52.1 44.0 66.0

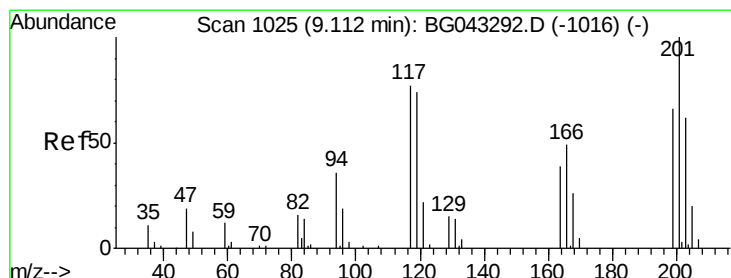
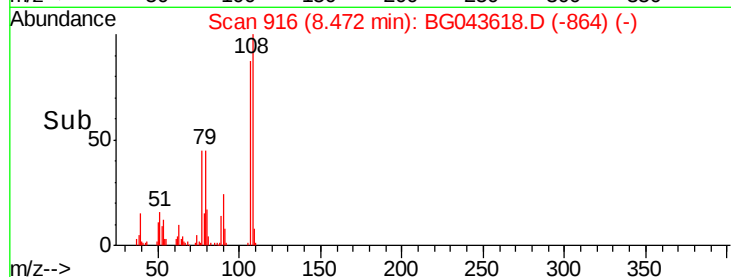
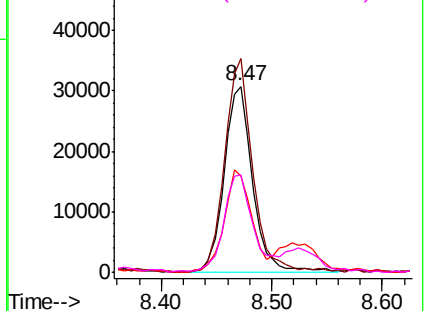


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 36.210 ng

RT: 9.08 min Scan# 1019

Delta R.T. -0.02 min

Lab File: BG043618.D

Acq: 13 Nov 2019 18:41

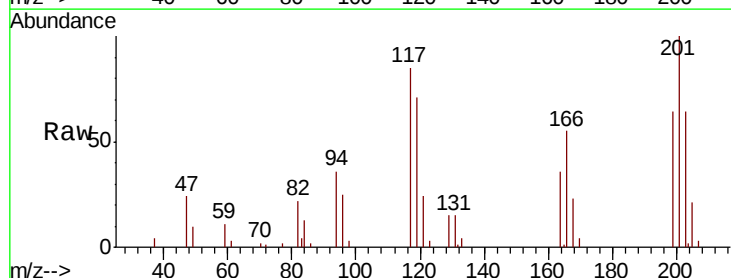
Tgt Ion:117 Resp: 25830

Ion Ratio Lower Upper

117 100

119 83.5 79.0 118.4

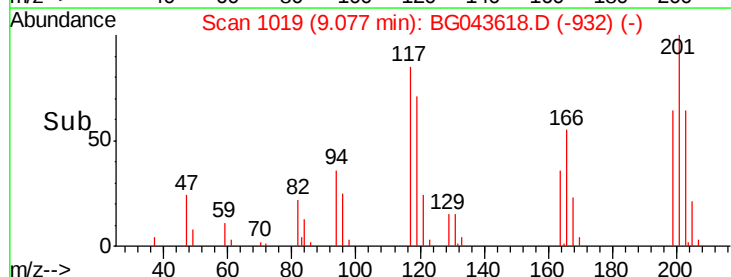
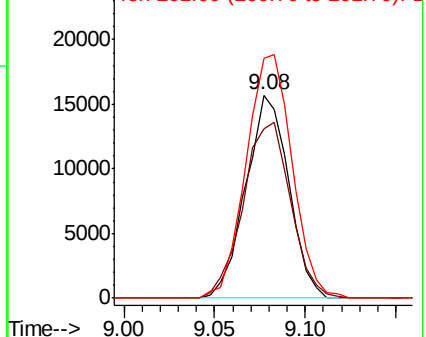
201 117.9 105.4 158.2

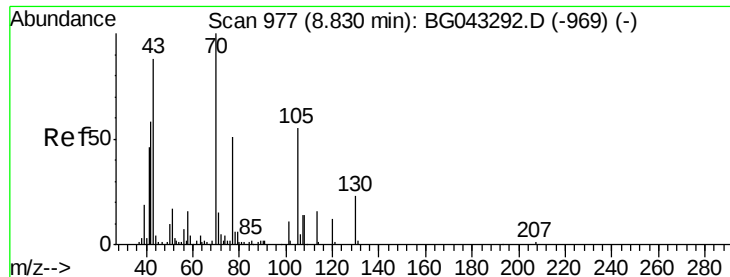


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

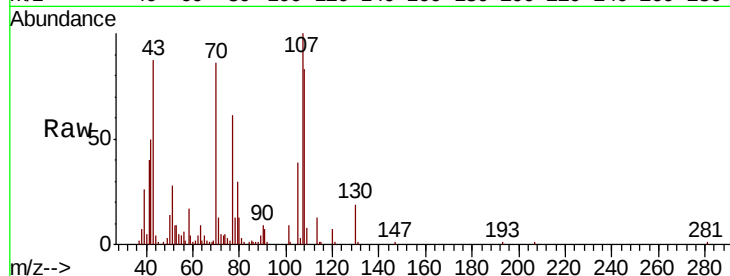




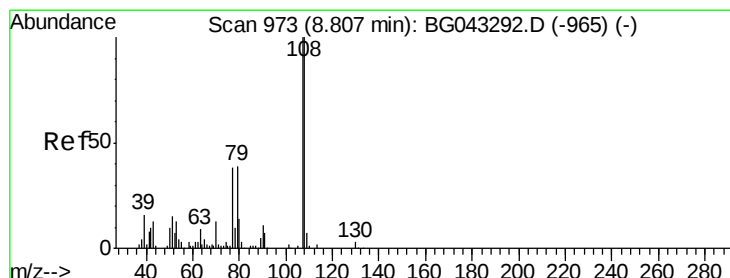
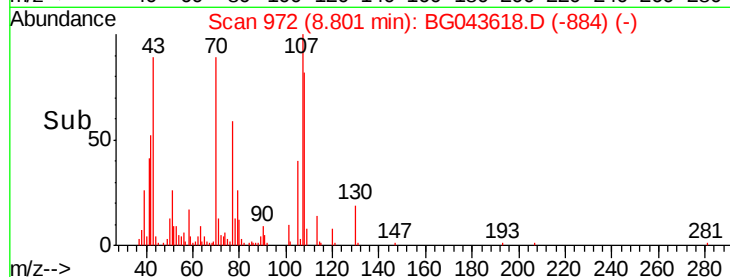
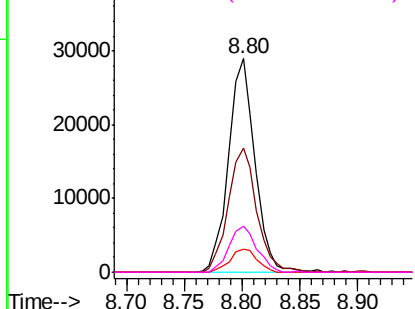
#19
n-Nitroso-di-n-propylamine
Concen: 35.082 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.01 min
Lab File: BG043618.D
Acq: 13 Nov 2019 18:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 46083
Ion Ratio Lower Upper
70 100
42 58.1 41.4 62.2
101 10.9 7.9 11.9
130 21.7 19.0 28.4



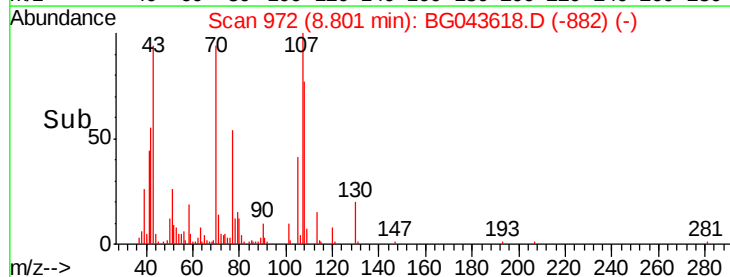
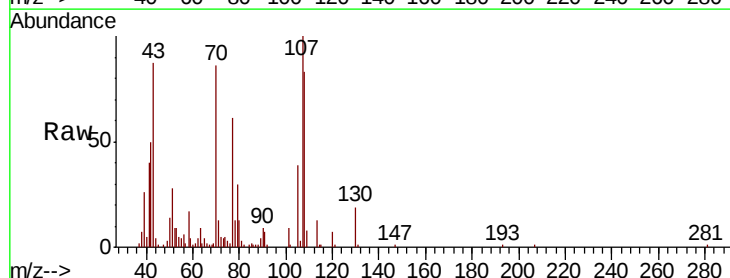
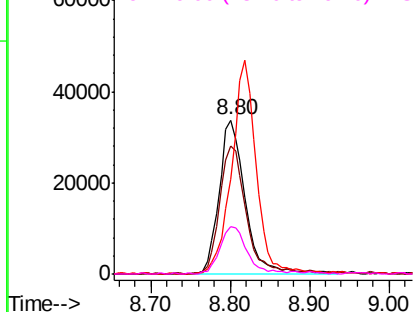
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

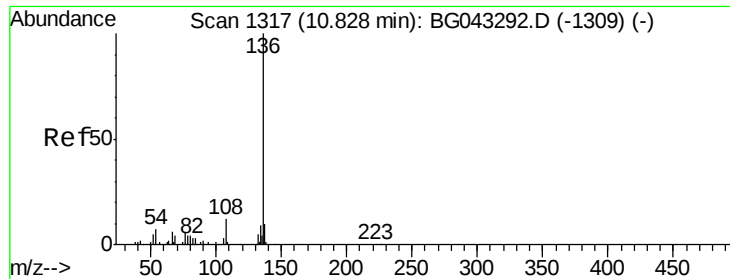


#20
3+4-Methylphenols
Concen: 41.478 ng
RT: 8.80 min Scan# 972
Delta R.T. 0.00 min
Lab File: BG043618.D
Acq: 13 Nov 2019 18:41

Tgt Ion: 107 Resp: 77022
Ion Ratio Lower Upper
107 100
108 83.3 66.6 106.6
77 61.3 20.9 60.9#
79 30.5 11.3 51.3

Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

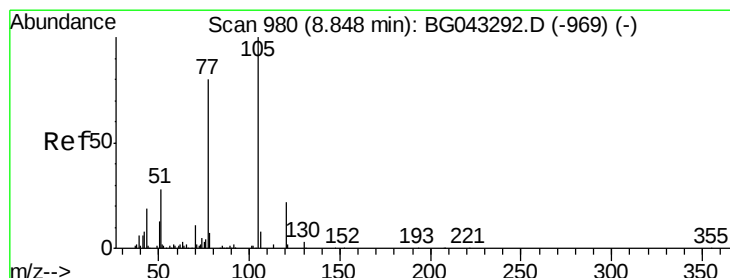
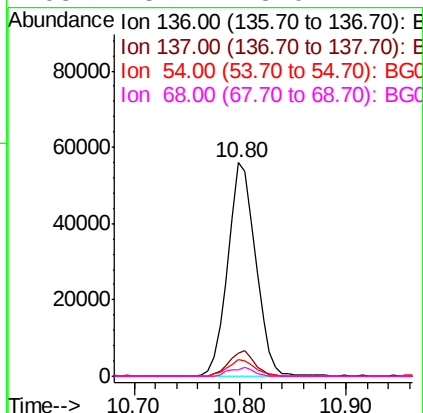
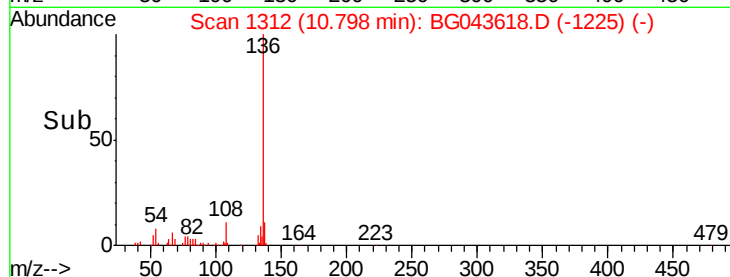
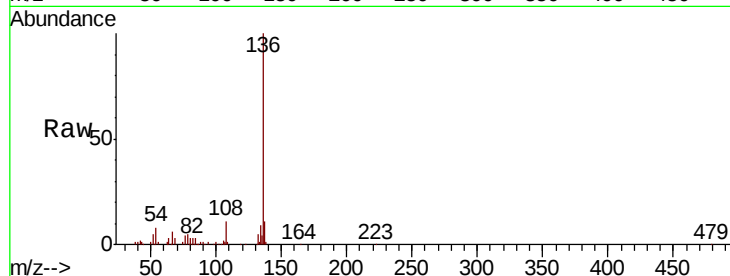




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BG043618.D
Acq: 13 Nov 2019 18:41

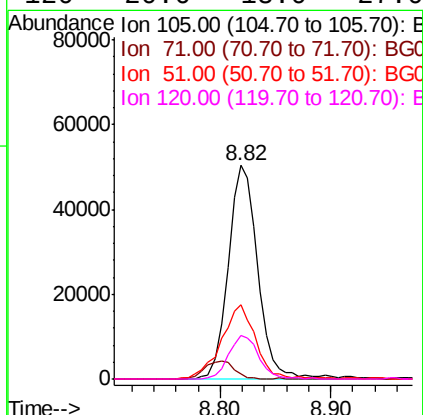
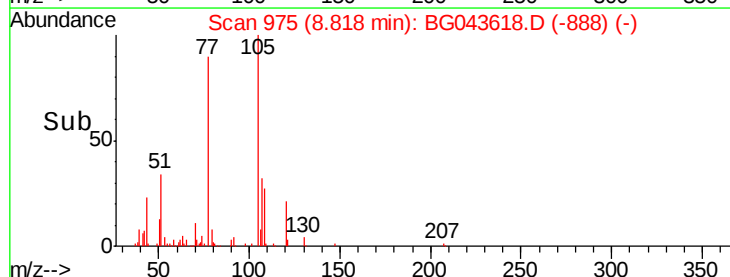
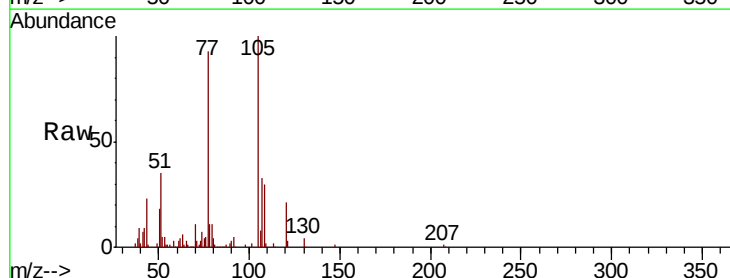
Instrument :
BNA_G
ClientSampleId :

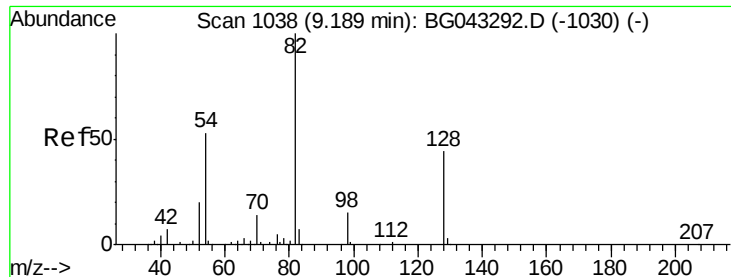
Tot Ion:136	Resp:	101851
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.7 13.1
54	7.6	5.4 8.2
68	3.1	3.0 4.4



#22
Acetophenone
Concen: 36.235 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.02 min
Lab File: BG043618.D
Acq: 13 Nov 2019 18:41

Tgt Ion:105	Resp:	94511
Ion	Ratio	Lower Upper
105	100	
71	2.6	0.8 1.2#
51	35.0	21.0 31.4#
120	20.6	18.0 27.0

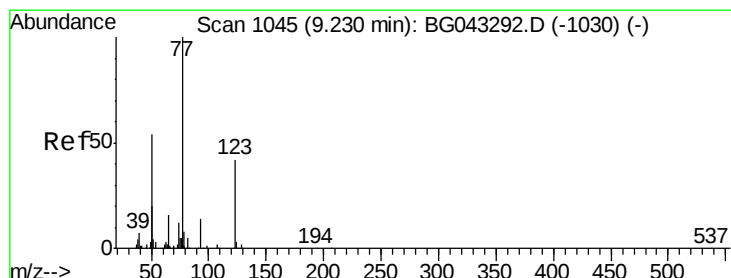
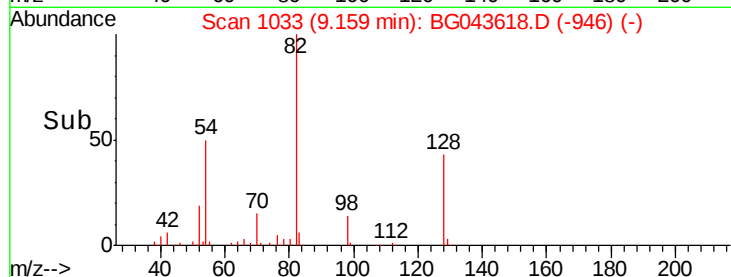
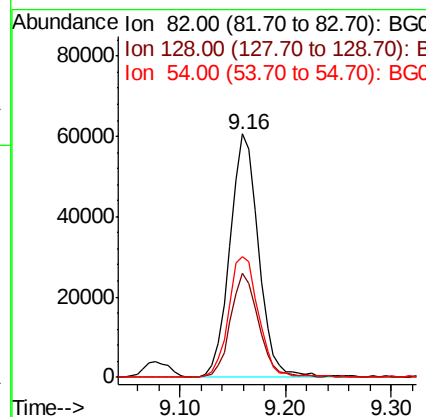
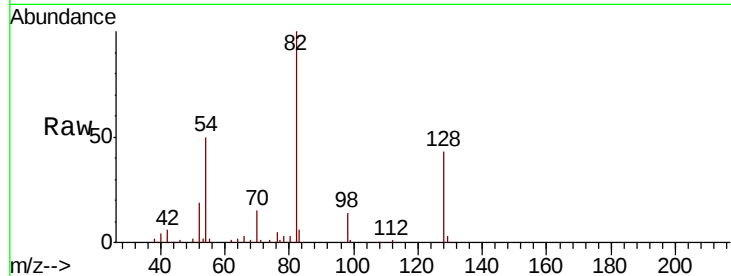




#23
 Nitrobenzene-d5
 Concen: 57.690 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.02 min
 Lab File: BG043618.D
 Acq: 13 Nov 2019 18:41

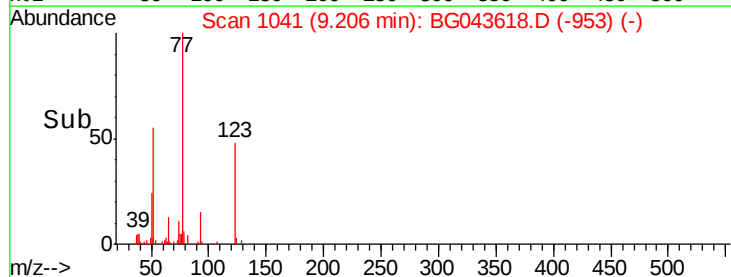
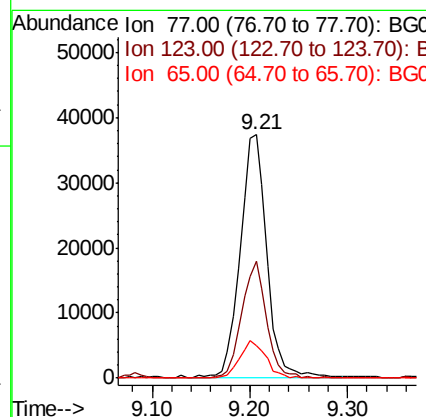
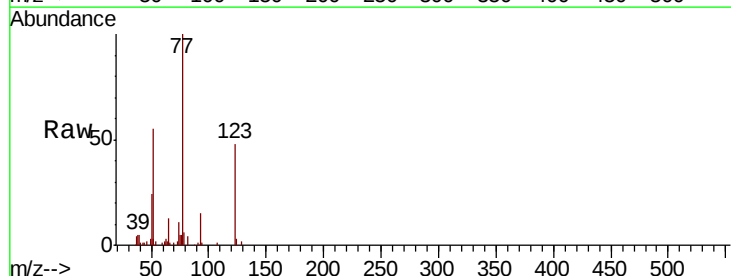
Instrument :
 BNA_G
 ClientSampleId :

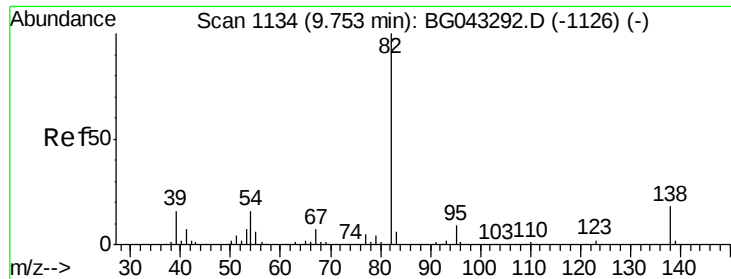
Tot Ion	82	Resp	113973
Ion Ratio	100	Lower	Upper
128	42.9	35.0	52.6
54	49.7	40.2	60.2



#24
 Nitrobenzene
 Concen: 37.861 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG043618.D
 Acq: 13 Nov 2019 18:41

Tgt Ion	77	Resp	71254
Ion Ratio	100	Lower	Upper
123	48.0	35.0	52.6
65	13.1	9.5	14.3

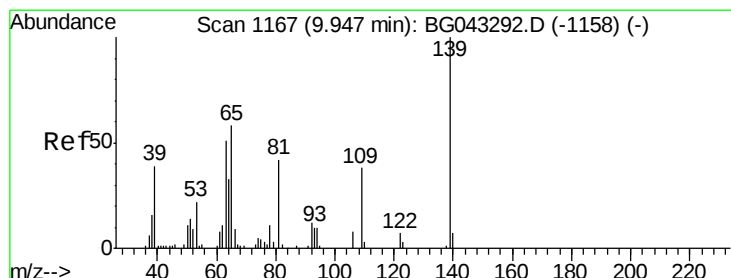
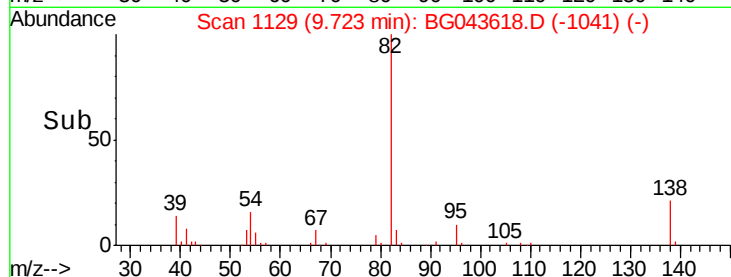
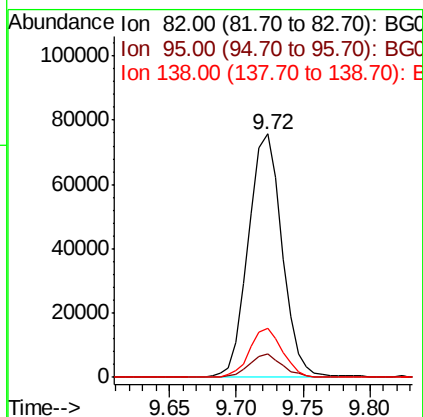
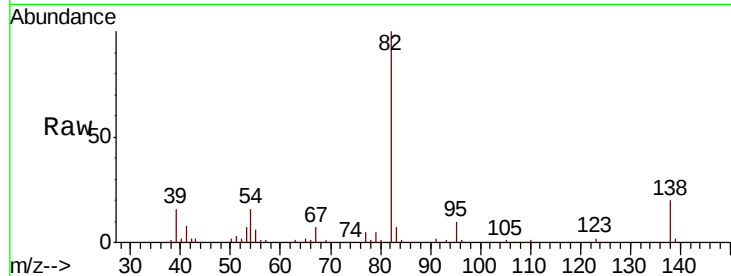




#25
Isophorone
Concen: 36.596 ng
RT: 9.72 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BG043618.D
Acq: 13 Nov 2019 18:41

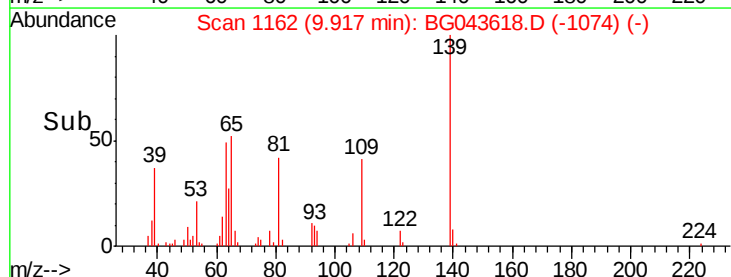
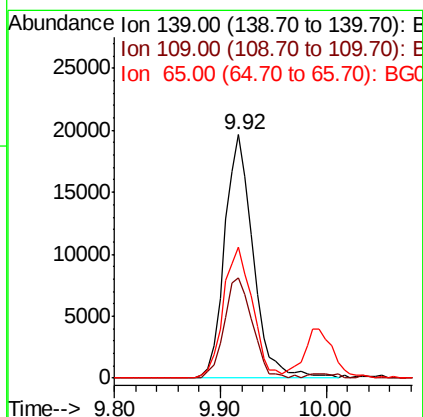
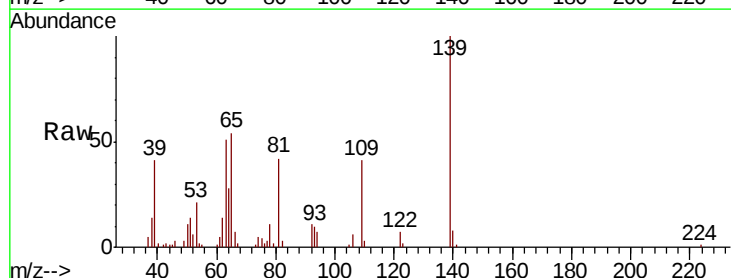
Instrument :
BNA_G
ClientSampleId :

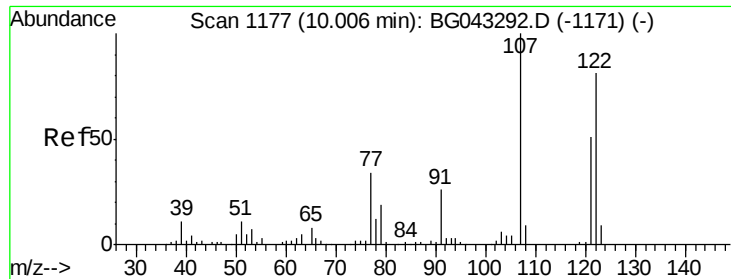
Tot Ion: 82 Resp: 132183
Ion Ratio Lower Upper
82 100
95 9.7 6.6 9.8
138 20.1 15.2 22.8



#26
2-Nitrophenol
Concen: 40.198 ng
RT: 9.92 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BG043618.D
Acq: 13 Nov 2019 18:41

Tgt Ion: 139 Resp: 36523
Ion Ratio Lower Upper
139 100
109 41.3 26.5 39.7#
65 53.9 43.8 65.8

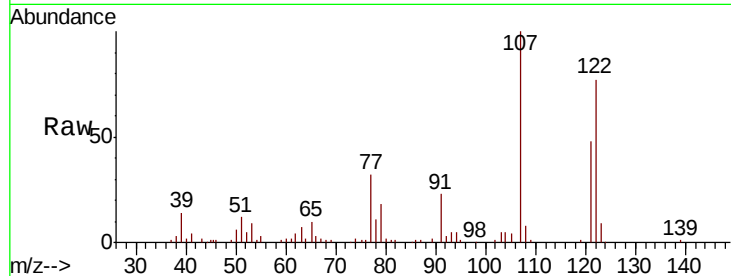




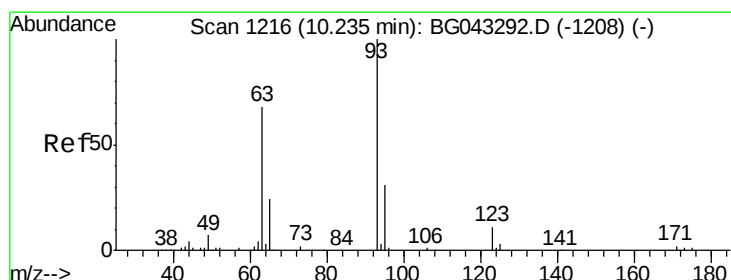
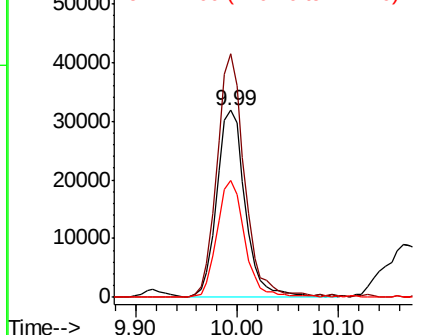
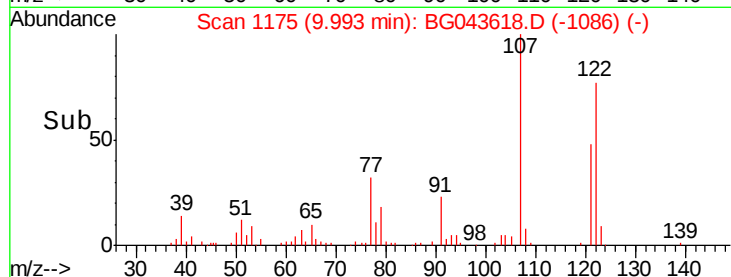
#27
 2,4-Dimethylphenol
 Concen: 48.186 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BG043618.D
 Acq: 13 Nov 2019 18:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 62750
 Ion Ratio Lower Upper
 122 100
 107 130.1 104.4 156.6
 121 62.5 47.2 70.8

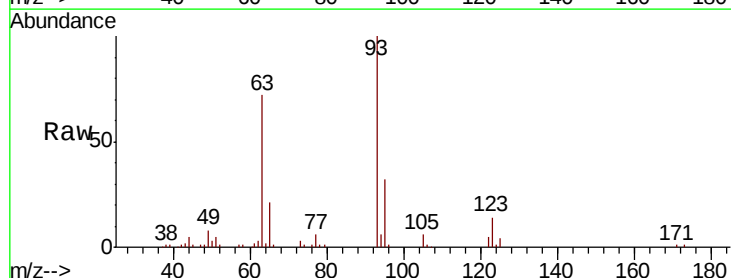


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

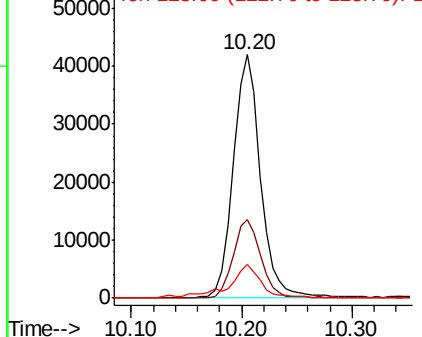
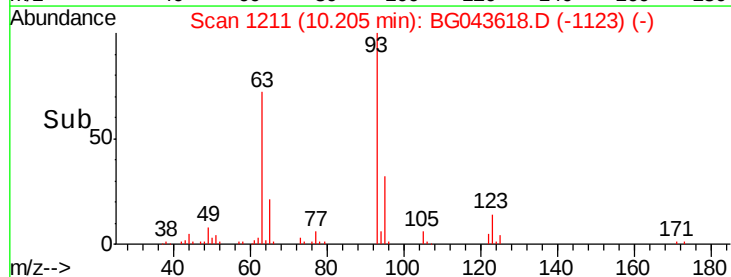


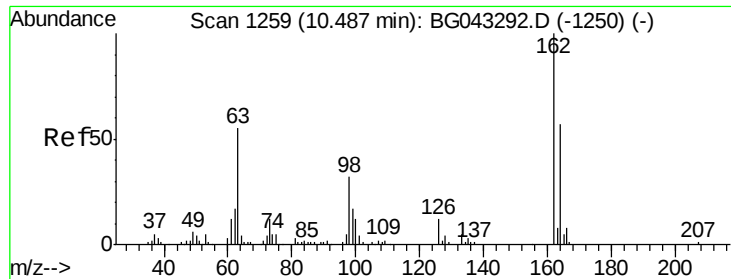
#28
 bis(2-Chloroethoxy)methane
 Concen: 36.636 ng
 RT: 10.20 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BG043618.D
 Acq: 13 Nov 2019 18:41

Tgt Ion: 93 Resp: 73033
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.0 39.0
 123 13.7 10.6 15.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

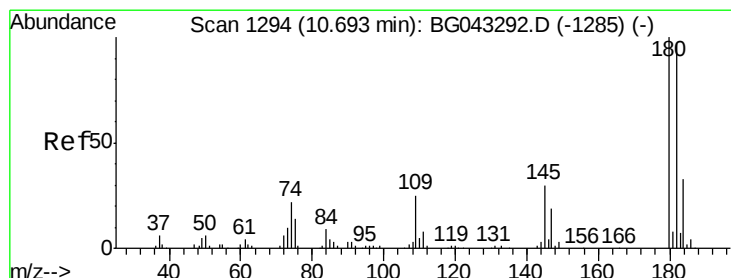
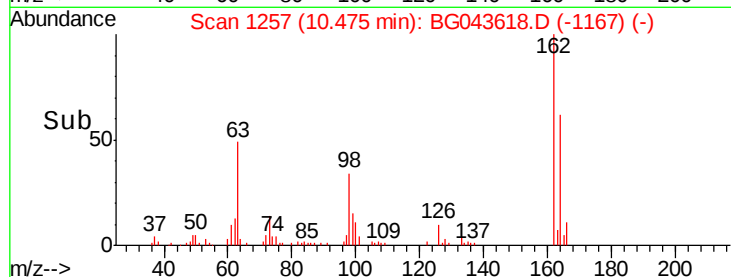
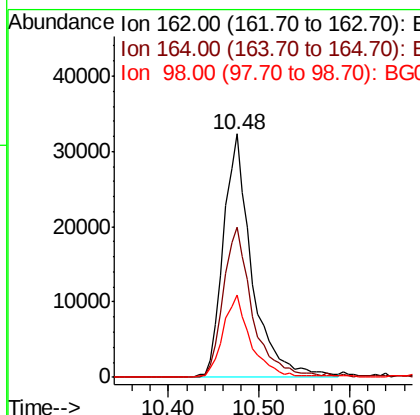
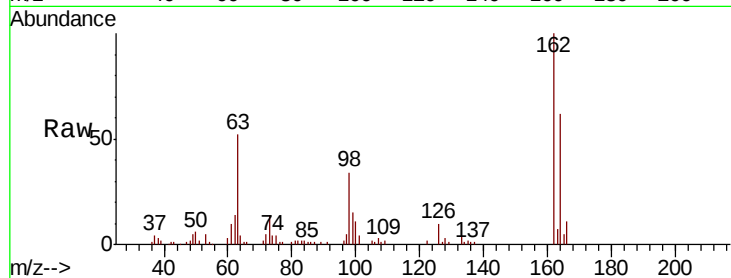




#29
 2,4-Dichlorophenol
 Concen: 42.356 ng
 RT: 10.48 min Scan# 1257
 Delta R.T. 0.00 min
 Lab File: BG043618.D
 Acq: 13 Nov 2019 18:41

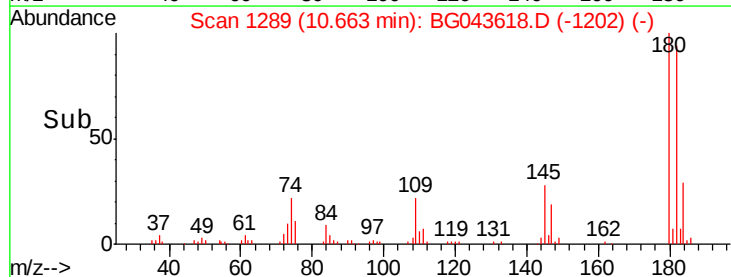
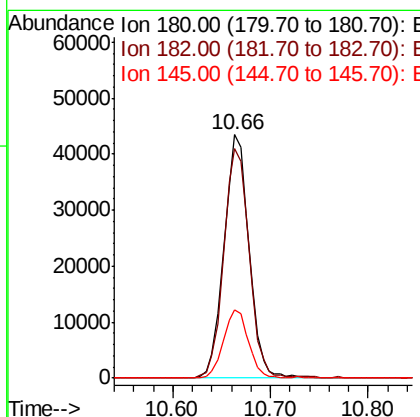
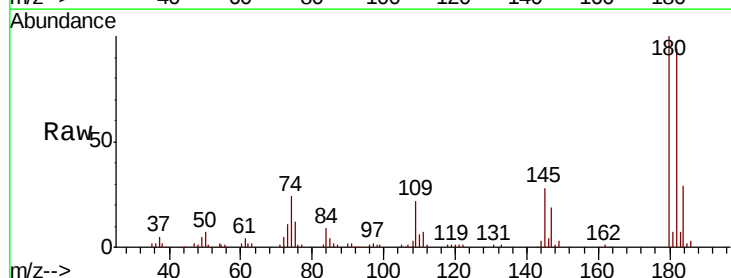
Instrument :
 BNA_G
 ClientSampleId :

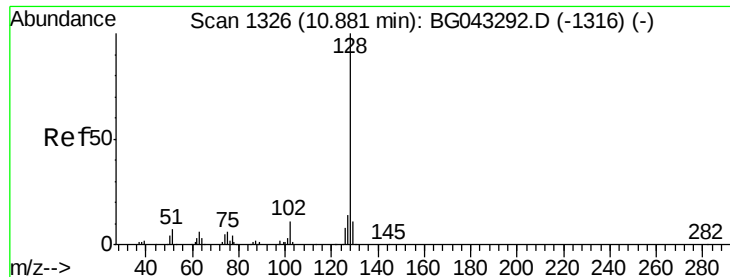
Tot Ion	162	Resp	70673
Ion	Ratio	Lower	Upper
162	100		
164	61.7	48.9	88.9
98	33.8	15.1	55.1



#30
 1,2,4-Trichlorobenzene
 Concen: 36.789 ng
 RT: 10.66 min Scan# 1289
 Delta R.T. -0.02 min
 Lab File: BG043618.D
 Acq: 13 Nov 2019 18:41

Tgt Ion	180	Resp	77367
Ion	Ratio	Lower	Upper
180	100		
182	94.1	75.1	112.7
145	28.2	23.9	35.9

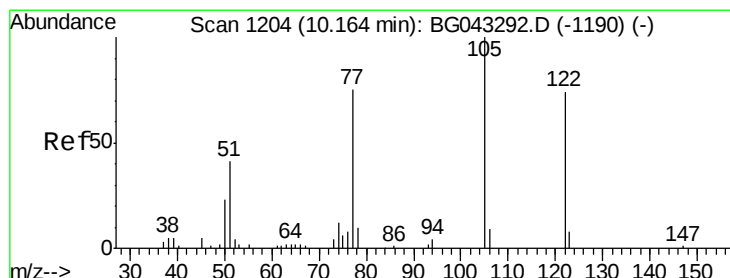
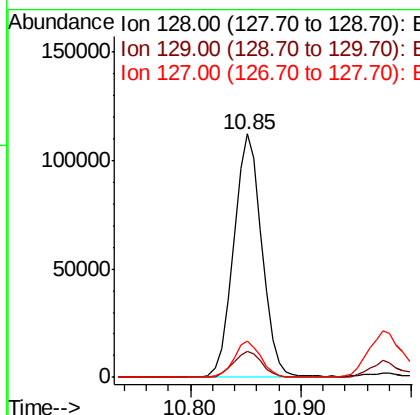
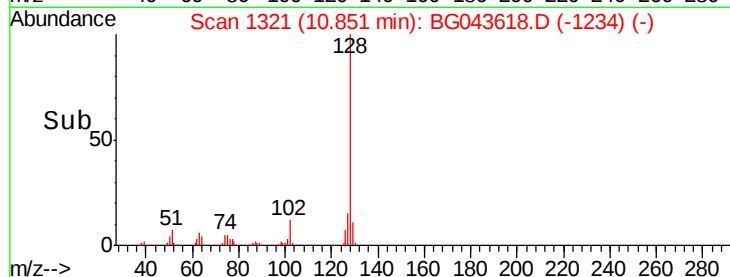
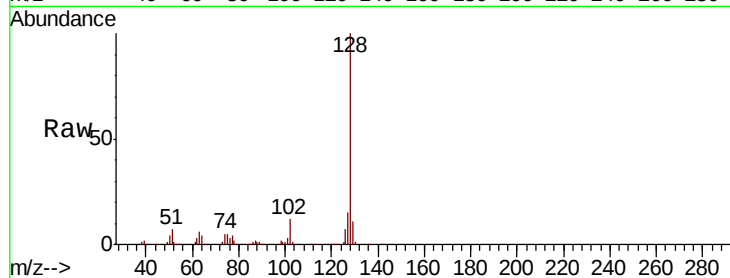




#31
Naphthalene
Concen: 38.862 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BG043618.D
Acq: 13 Nov 2019 18:41

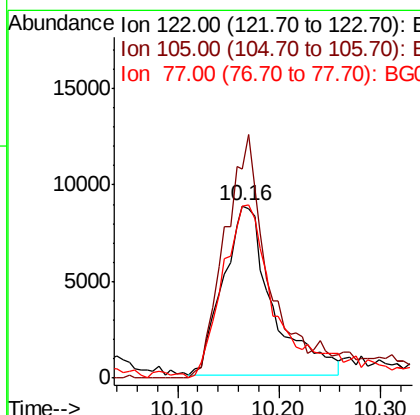
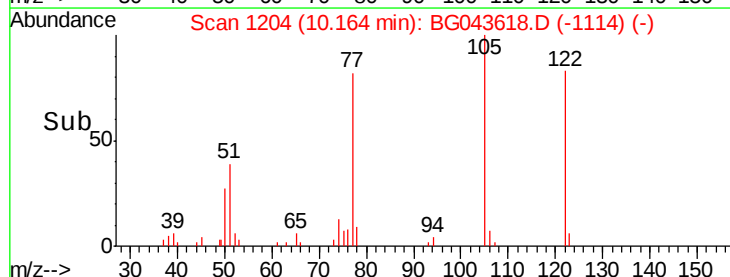
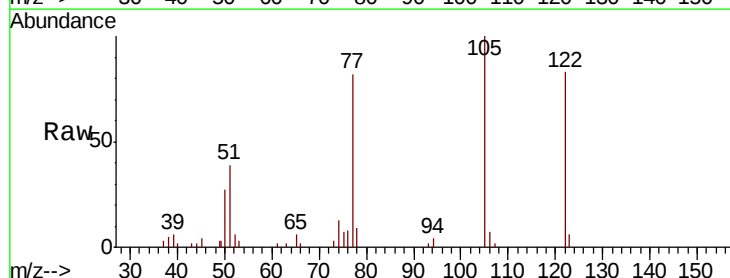
Instrument :
BNA_G
ClientSampled :

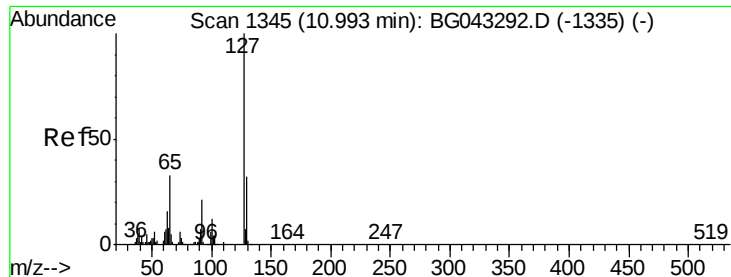
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.4	14.0
127	15.2	11.1	16.7



#32
Benzoic acid
Concen: 33.094 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BG043618.D
Acq: 13 Nov 2019 18:41

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.1	103.3	143.3
77	99.7	84.9	124.9

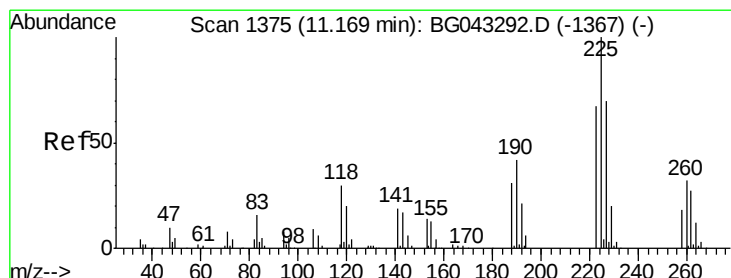
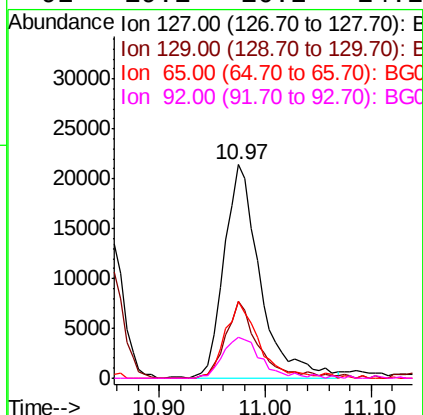
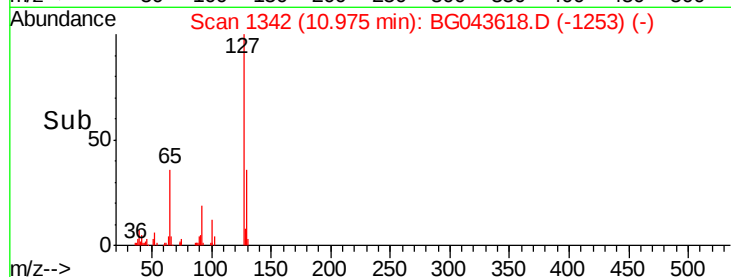
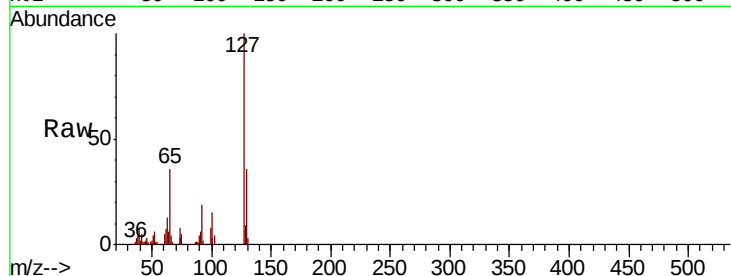




#33
4-Chloroaniline
Concen: 23.930 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BG043618.D
Acq: 13 Nov 2019 18:41

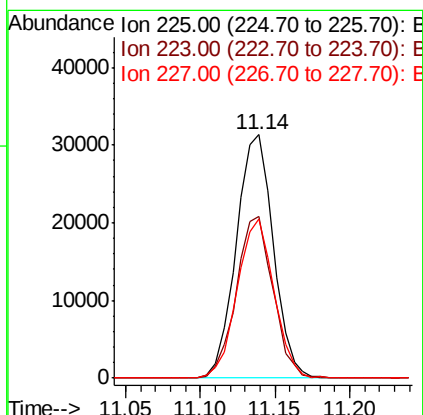
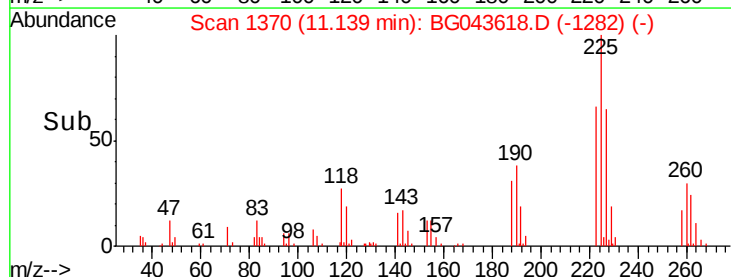
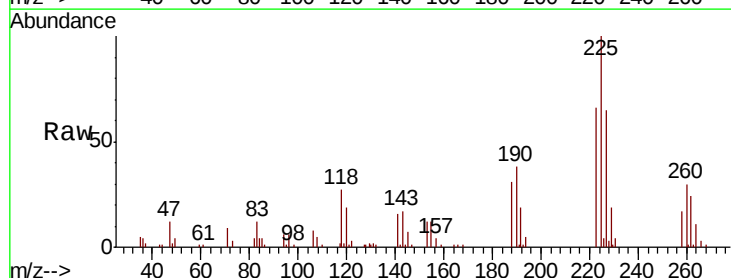
Instrument :
BNA_G
ClientSampleId :

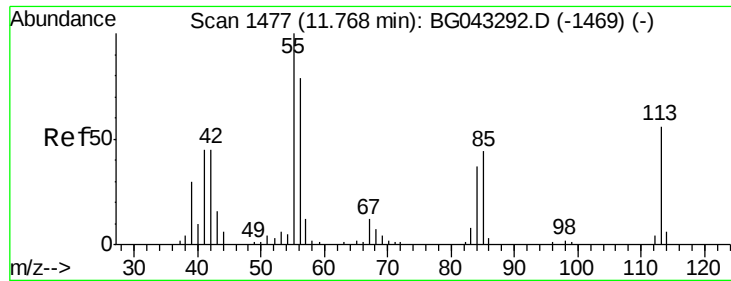
Tot Ion:	127	Resp:	50713
Ion	Ratio	Lower	Upper
127	100		
129	35.7	26.5	39.7
65	36.2	26.4	39.6
92	19.1	16.2	24.2



#34
Hexachlorobutadiene
Concen: 34.715 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG043618.D
Acq: 13 Nov 2019 18:41

Tgt Ion:	225	Resp:	53967
Ion	Ratio	Lower	Upper
225	100		
223	66.4	52.7	79.1
227	65.4	54.8	82.2

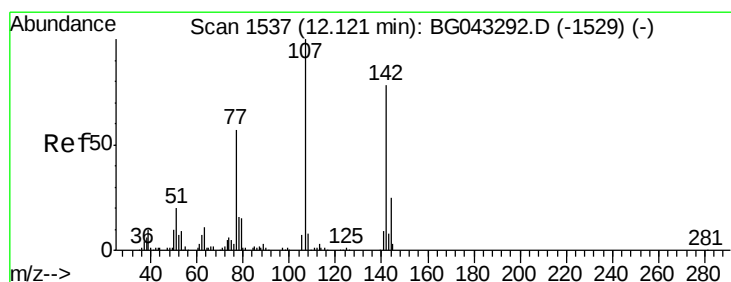
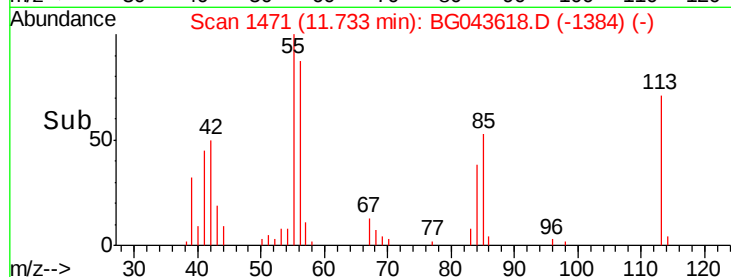
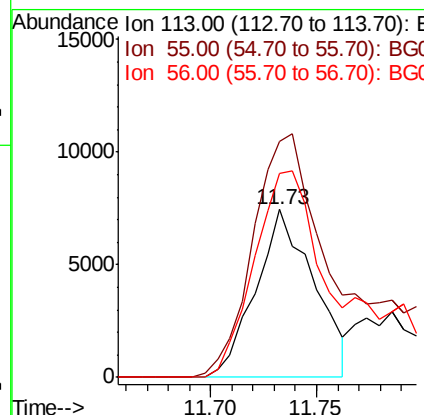
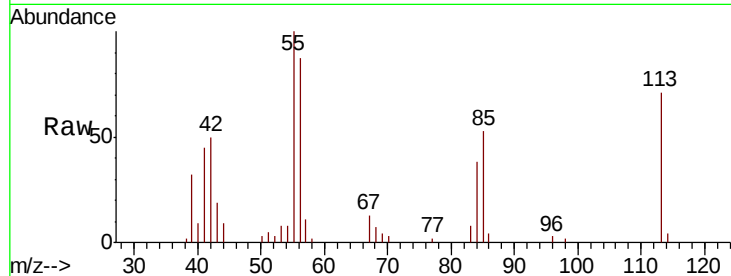




#35
 Caprolactam
 Concen: 24.886 ng
 RT: 11.73 min Scan# 1471
 Delta R.T. -0.02 min
 Lab File: BG043618.D
 Acq: 13 Nov 2019 18:41

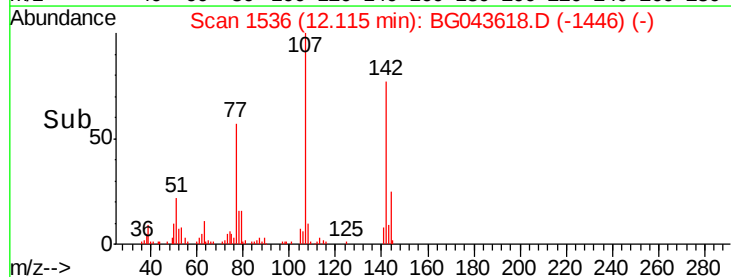
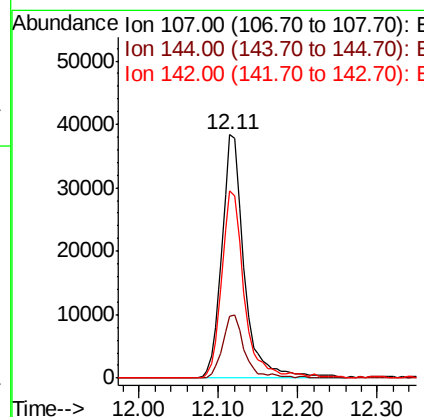
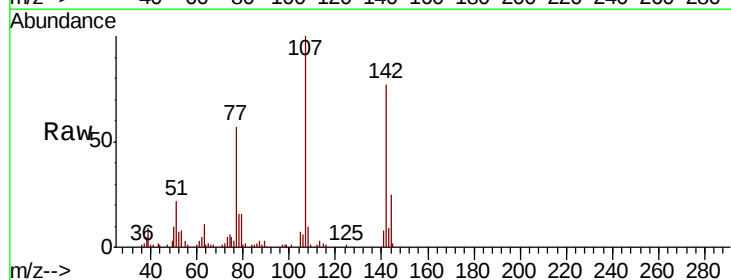
Instrument :
 BNA_G
 ClientSampleID :

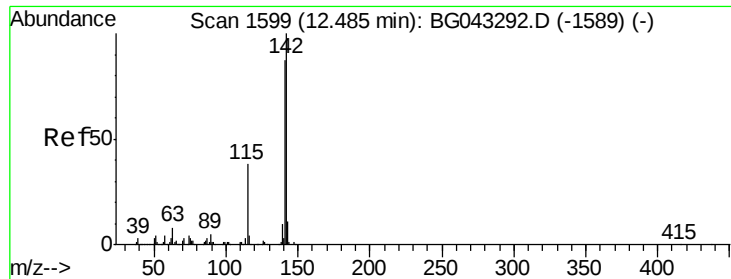
Tot Ion:113 Resp: 14301
 Ion Ratio Lower Upper
 113 100
 55 140.5 134.1 174.1
 56 121.6 100.4 140.4



#36
 4-Chloro-3-methylphenol
 Concen: 41.287 ng
 RT: 12.11 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: BG043618.D
 Acq: 13 Nov 2019 18:41

Tgt Ion:107 Resp: 75143
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.9 31.3
 142 77.1 59.6 89.4

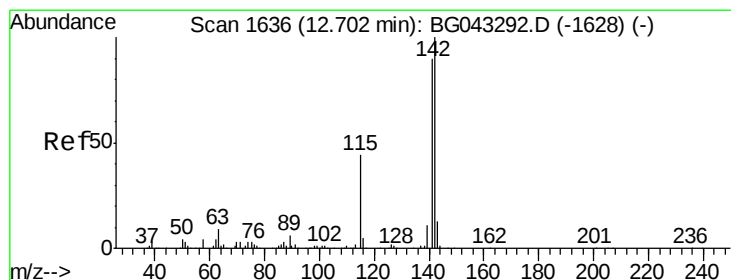
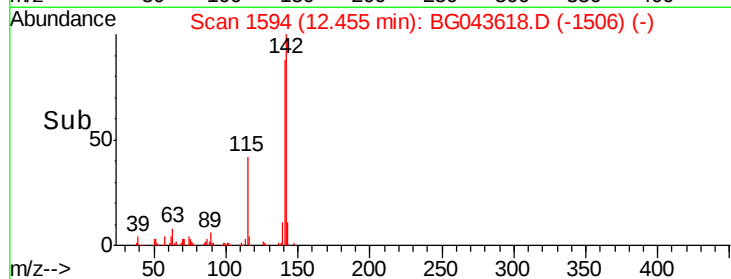
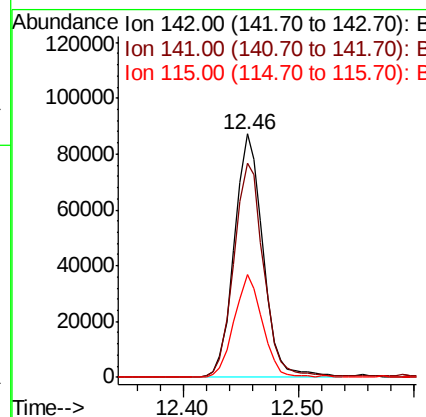
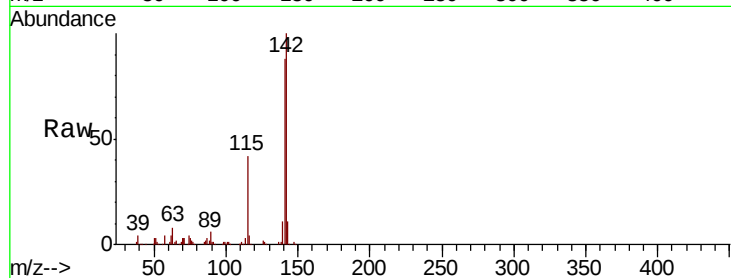




#37
2-Methylnaphthalene
Concen: 38.071 ng
RT: 12.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BG043618.D
Acq: 13 Nov 2019 18:41

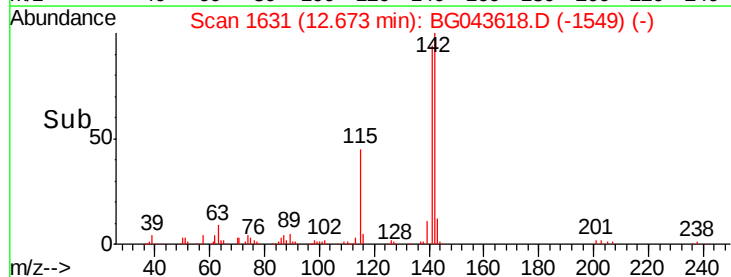
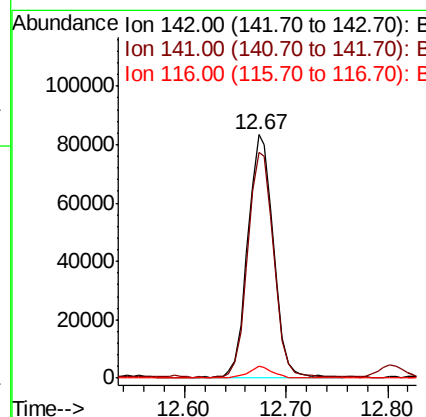
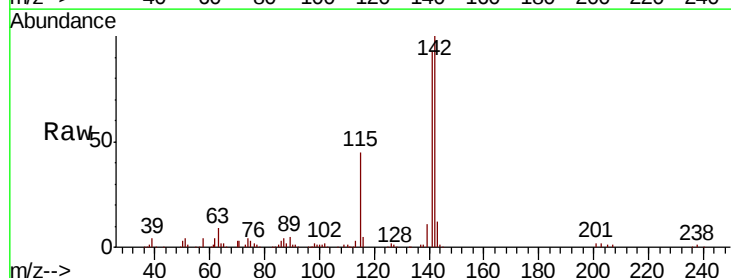
Instrument :
BNA_G
ClientSampled :

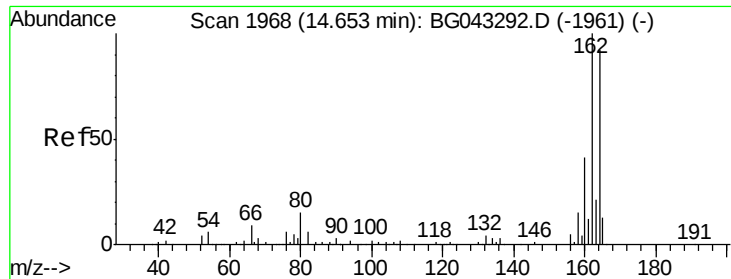
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	72.2	108.2
115	42.4	33.2	49.8



#38
1-Methylnaphthalene
Concen: 38.570 ng
RT: 12.67 min Scan# 1631
Delta R.T. -0.02 min
Lab File: BG043618.D
Acq: 13 Nov 2019 18:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	73.2	109.8
116	4.8	3.6	5.4

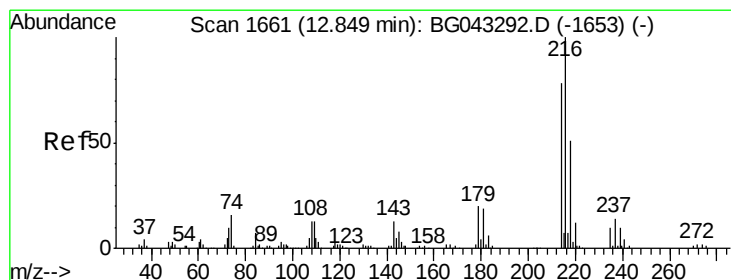
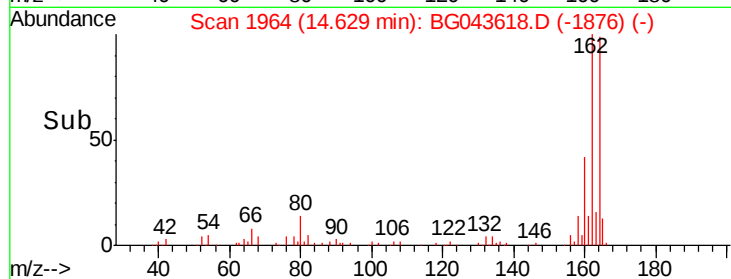
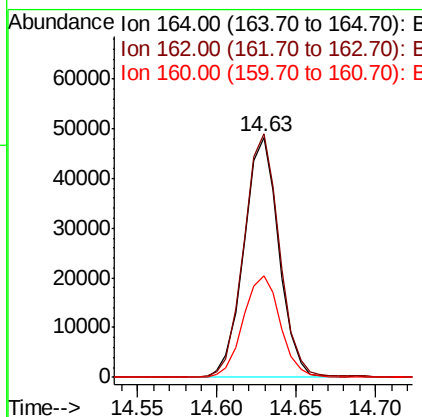
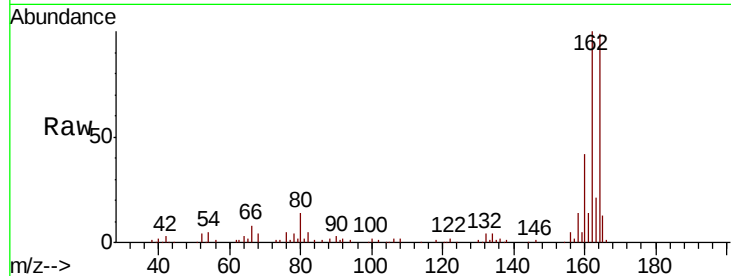




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG043618.D
Acq: 13 Nov 2019 18:41

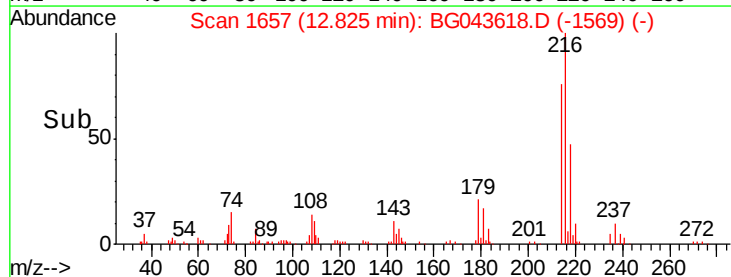
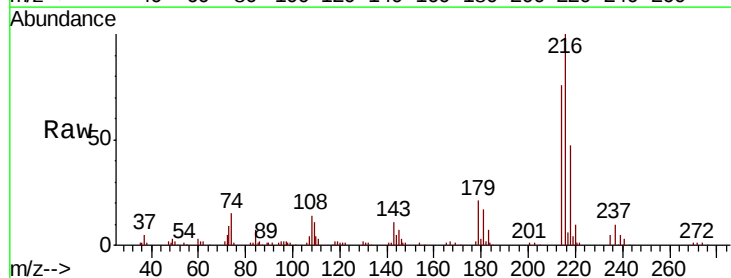
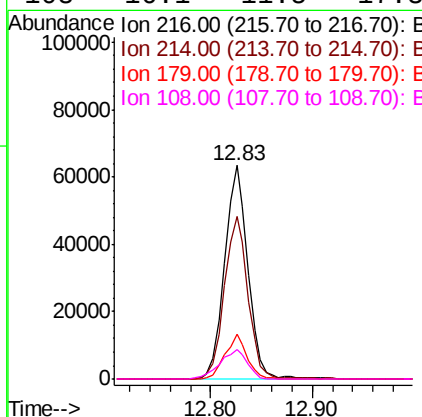
Instrument :
BNA_G
ClientSampleId :

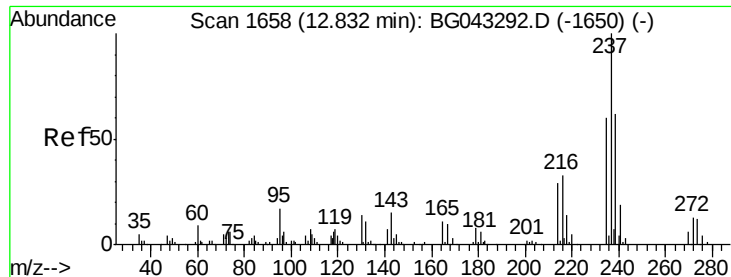
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.4	83.5	125.3
160	42.2	36.5	54.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.811 ng
RT: 12.83 min Scan# 1657
Delta R.T. -0.01 min
Lab File: BG043618.D
Acq: 13 Nov 2019 18:41

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.5	61.7	92.5
179	19.8	15.8	23.8
108	16.1	11.5	17.3





#41

Hexachlorocyclopentadiene

Concen: 55.899 ng

RT: 12.80 min Scan# 1653

Delta R.T. -0.02 min

Lab File: BG043618.D

Acq: 13 Nov 2019 18:41

Instrument :

BNA_G

ClientSampleId :

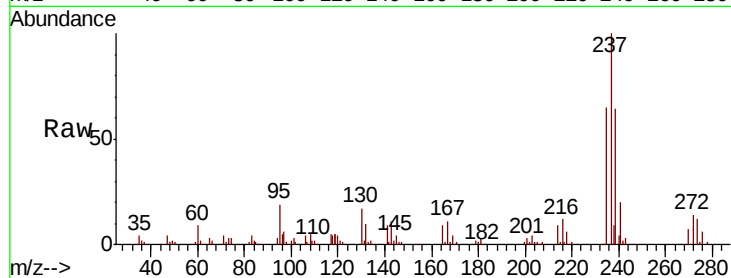
Tot Ion:237 Resp: 80082

Ion Ratio Lower Upper

237 100

235 65.0 41.6 81.6

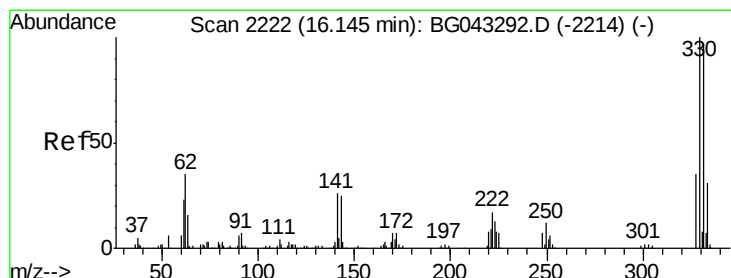
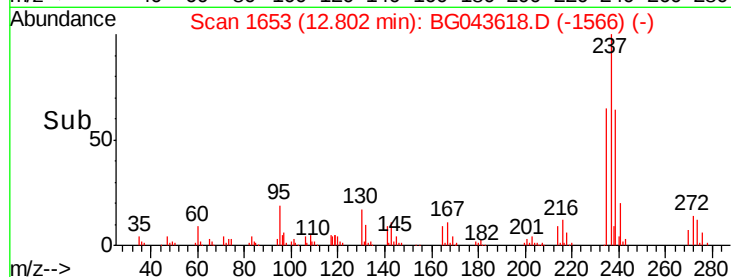
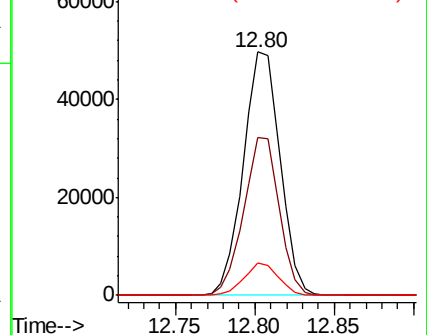
272 13.5 0.0 32.5



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: 101.047 ng

RT: 16.12 min Scan# 2218

Delta R.T. -0.01 min

Lab File: BG043618.D

Acq: 13 Nov 2019 18:41

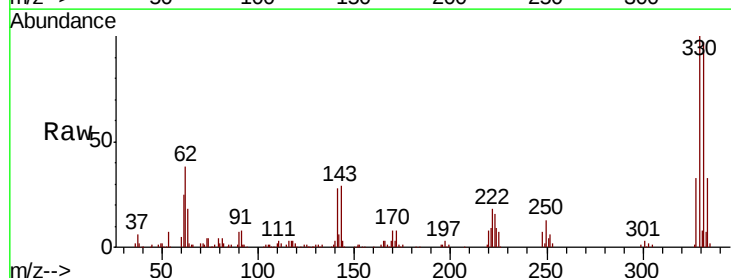
Tgt Ion:330 Resp: 141704

Ion Ratio Lower Upper

330 100

332 96.4 77.4 116.0

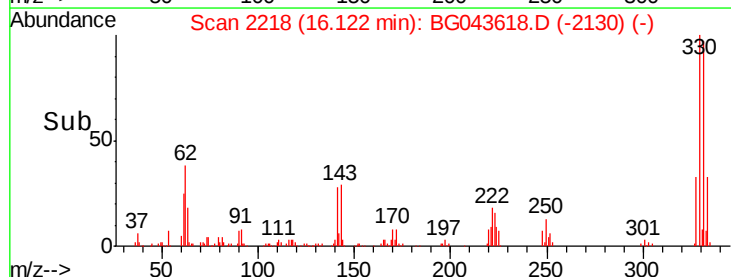
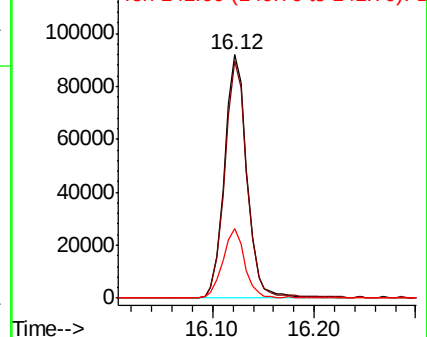
141 27.8 22.8 34.2

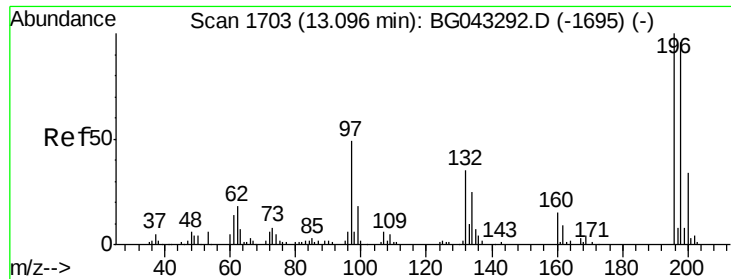


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

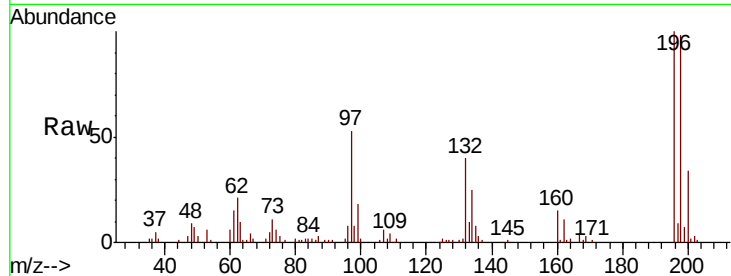




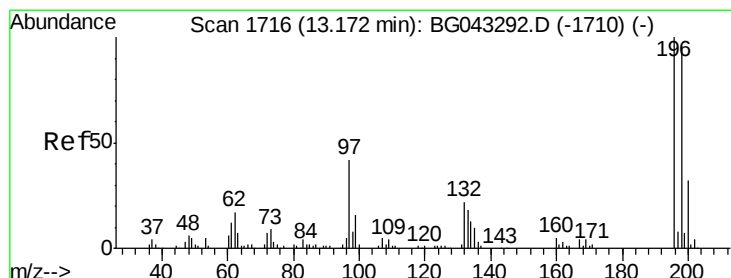
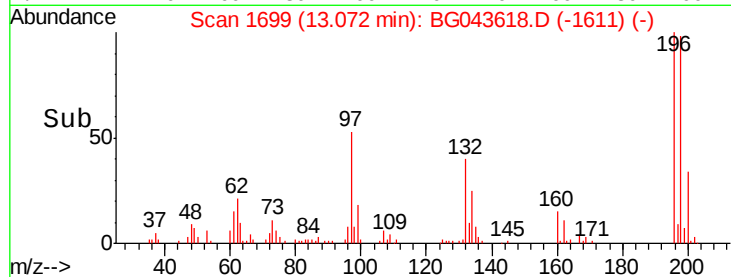
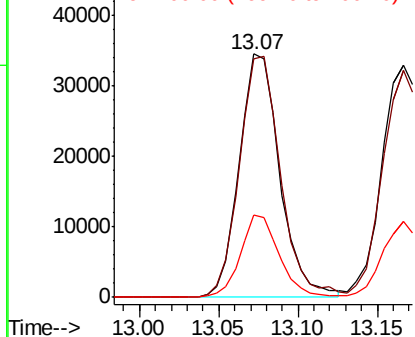
#43
 2,4,6-Trichlorophenol
 Concen: 38.268 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG043618.D
 Acq: 13 Nov 2019 18:41

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 61462
 Ion Ratio Lower Upper
 196 100
 198 98.0 75.8 113.6
 200 33.9 23.9 35.9



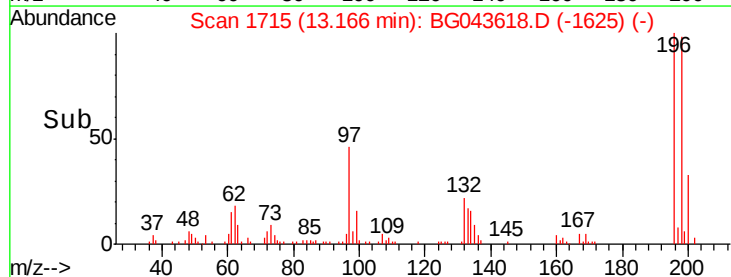
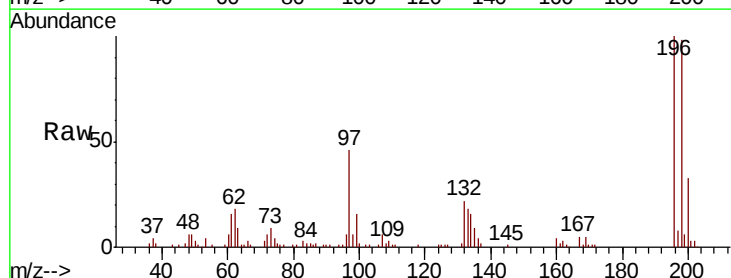
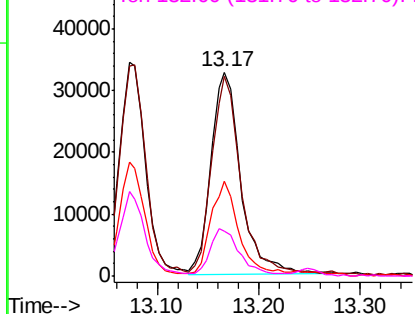
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

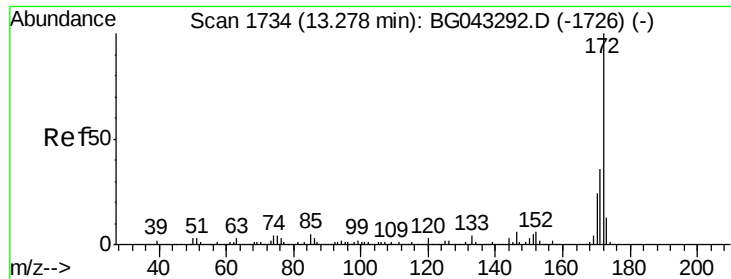


#44
 2,4,5-Trichlorophenol
 Concen: 41.068 ng
 RT: 13.17 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BG043618.D
 Acq: 13 Nov 2019 18:41

Tgt Ion:196 Resp: 66684
 Ion Ratio Lower Upper
 196 100
 198 97.8 74.5 111.7
 97 46.4 36.3 54.5
 132 21.8 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

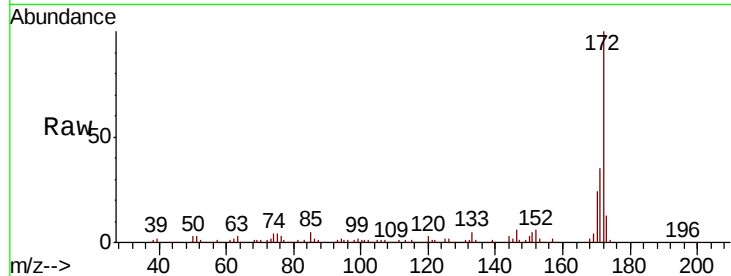




#45
2-Fluorobiphenyl
Concen: 58.687 ng
RT: 13.25 min Scan# 1729
Delta R.T. -0.02 min
Lab File: BG043618.D
Acq: 13 Nov 2019 18:41

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.9	43.3
170	23.9	18.5	27.7

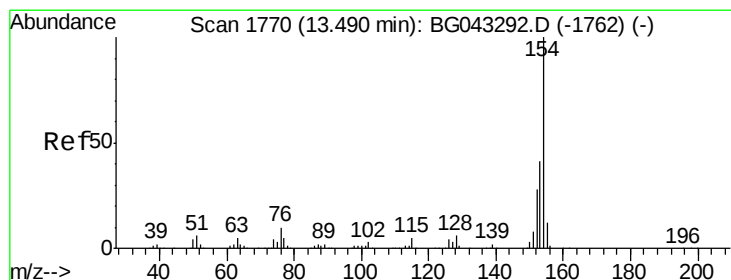
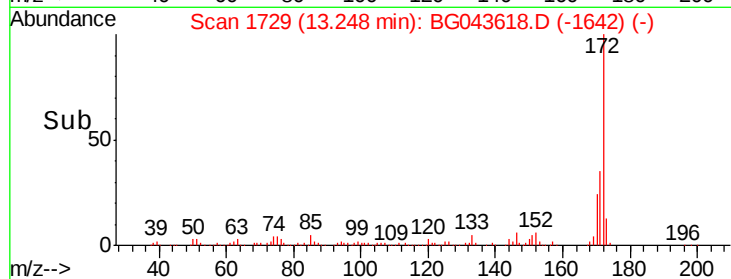
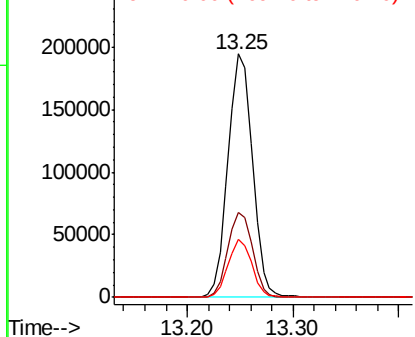


Abundance

Ion 172.00 (171.70 to 172.70): E

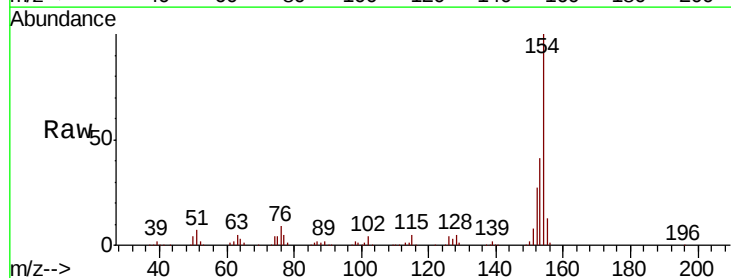
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 37.656 ng
RT: 13.46 min Scan# 1765
Delta R.T. -0.02 min
Lab File: BG043618.D
Acq: 13 Nov 2019 18:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	19.9	59.9
76	9.4	0.0	29.4

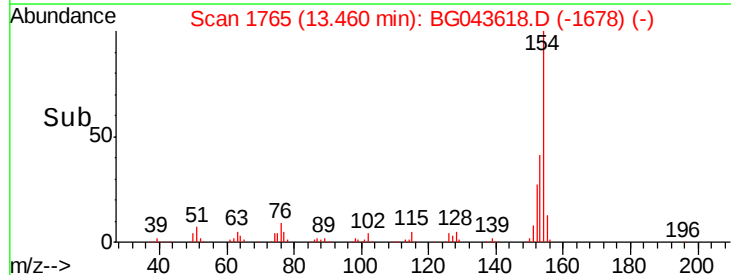
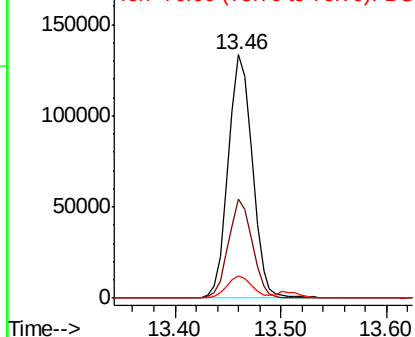


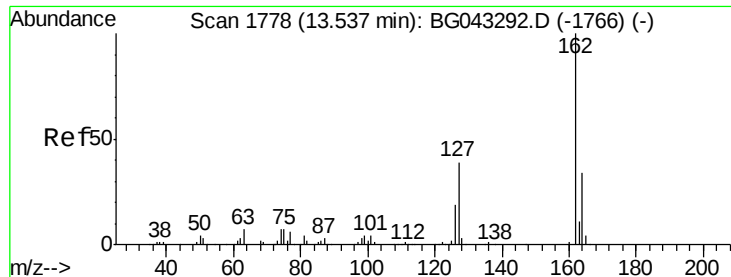
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

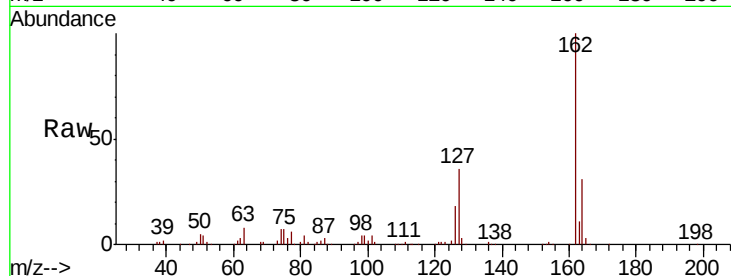




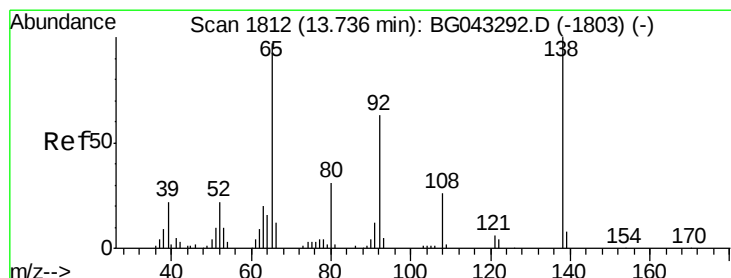
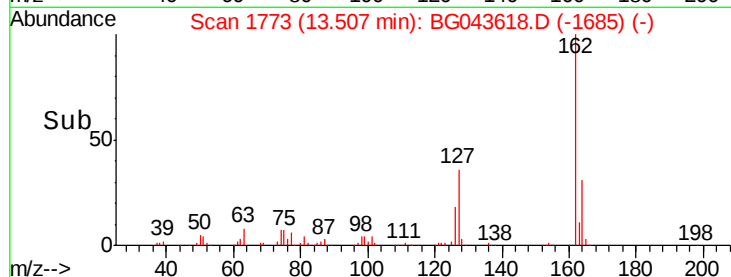
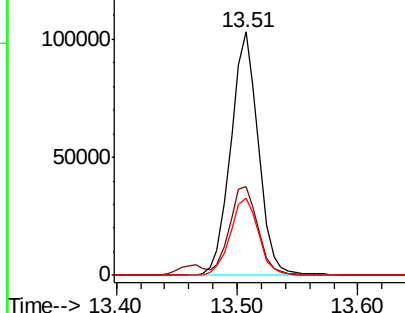
#47
2-Chloronaphthalene
Concen: 38.375 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG043618.D
Acq: 13 Nov 2019 18:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.2	31.2	46.8
164	31.5	25.8	38.8

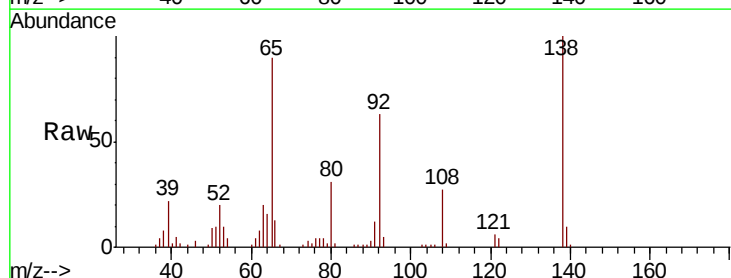


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

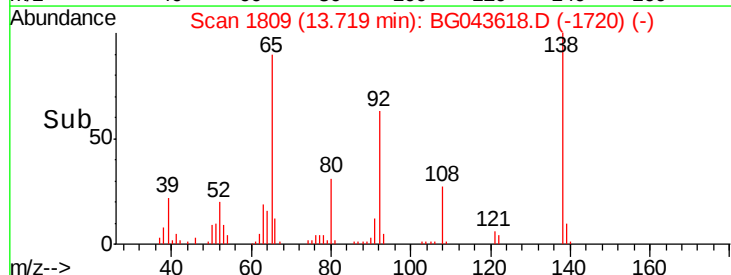
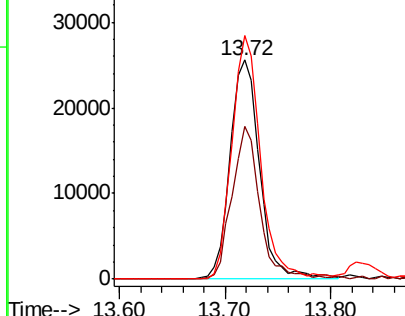


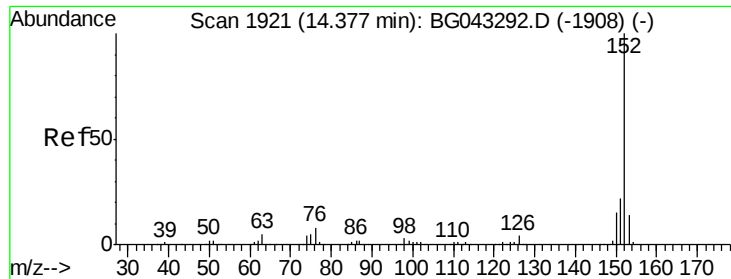
#48
2-Nitroaniline
Concen: 38.780 ng
RT: 13.72 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BG043618.D
Acq: 13 Nov 2019 18:41

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.7	56.2	84.2
138	111.1	82.6	123.8



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.935 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BG043618.D

Acq: 13 Nov 2019 18:41

Instrument :

BNA_G

ClientSampleId :

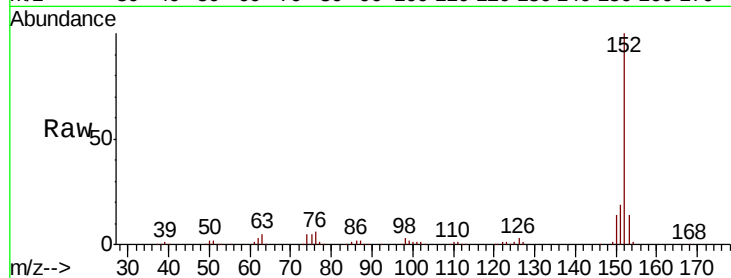
Tot Ion:152 Resp: 265112

Ion Ratio Lower Upper

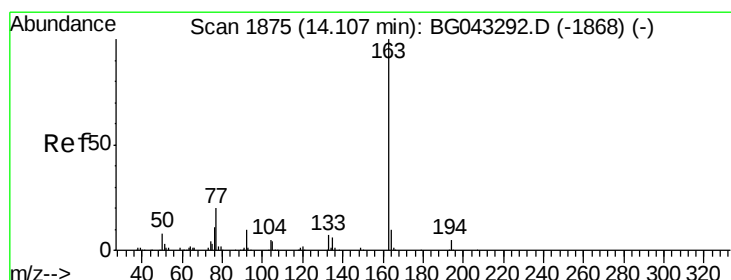
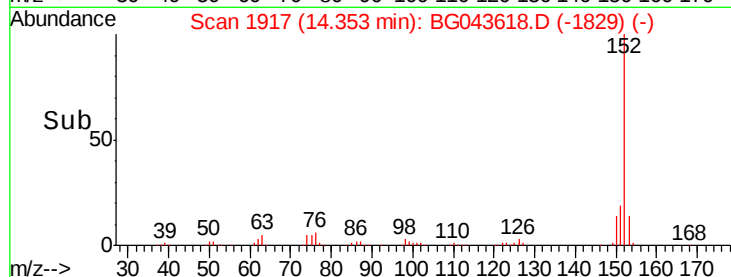
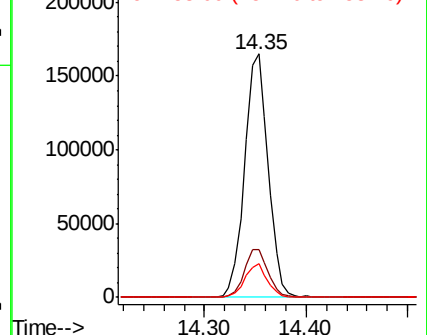
152 100

151 19.4 16.2 24.4

153 13.6 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: 37.148 ng

RT: 14.08 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BG043618.D

Acq: 13 Nov 2019 18:41

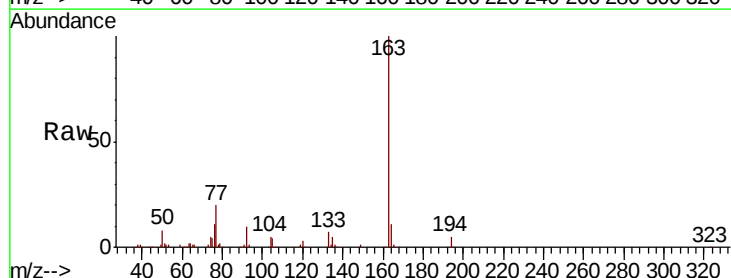
Tgt Ion:163 Resp: 212040

Ion Ratio Lower Upper

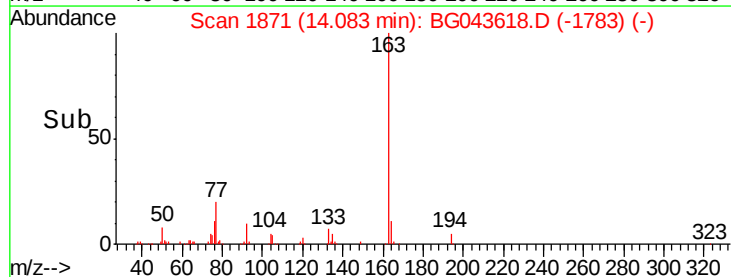
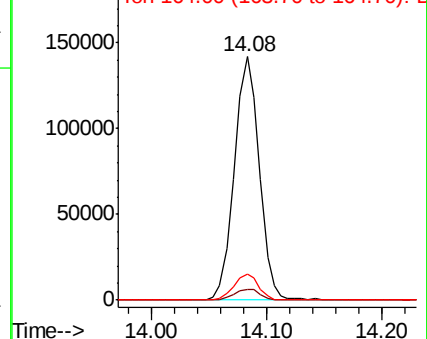
163 100

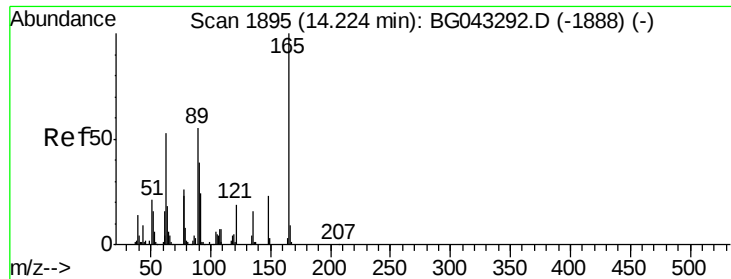
194 4.6 3.8 5.6

164 10.9 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: 39.549 ng

RT: 14.21 min Scan# 1892

Delta R.T. -0.01 min

Lab File: BG043618.D

Acq: 13 Nov 2019 18:41

Instrument :

BNA_G

ClientSampleId :

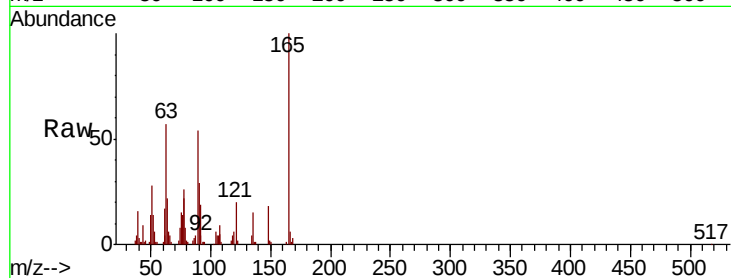
Tot Ion:165 Resp: 49043

Ion Ratio Lower Upper

165 100

63 57.1 46.6 69.8

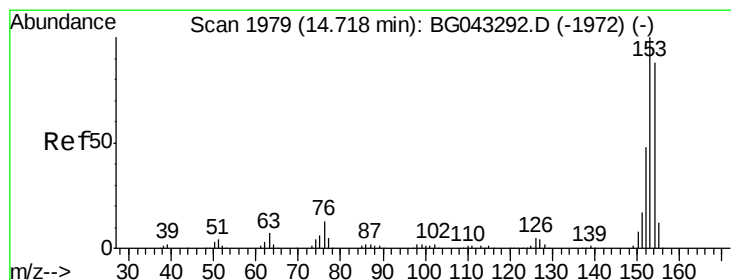
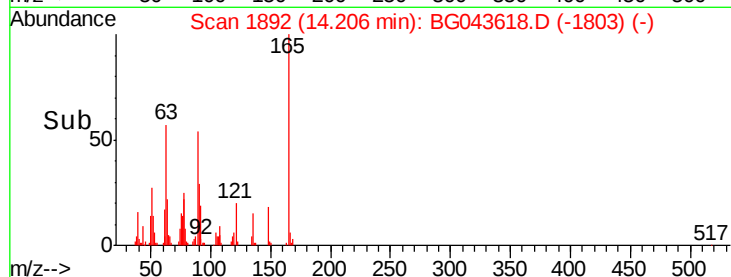
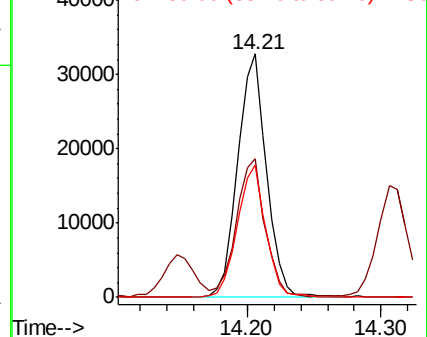
89 54.4 45.1 67.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 38.267 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG043618.D

Acq: 13 Nov 2019 18:41

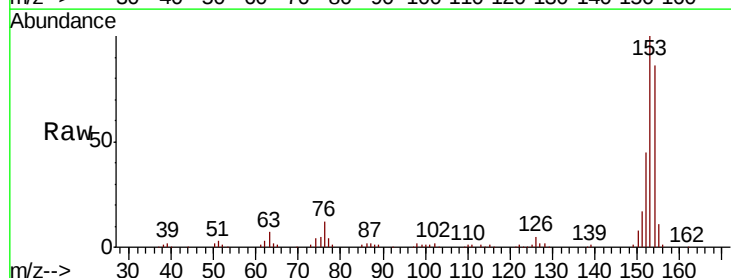
Tgt Ion:154 Resp: 154924

Ion Ratio Lower Upper

154 100

153 116.0 88.2 132.2

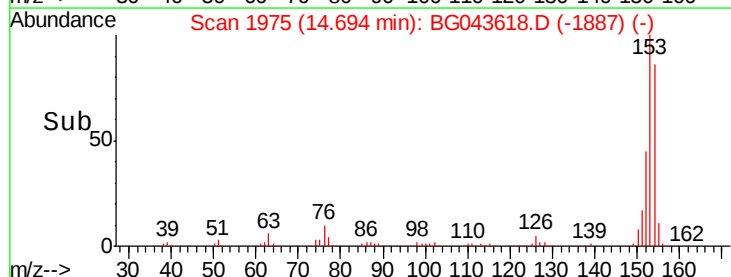
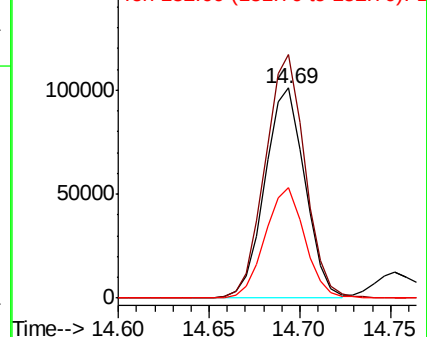
152 52.5 40.0 60.0

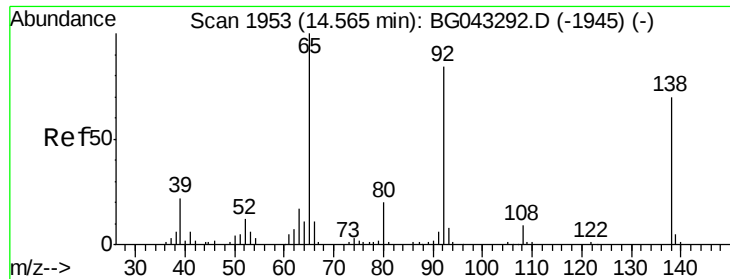


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

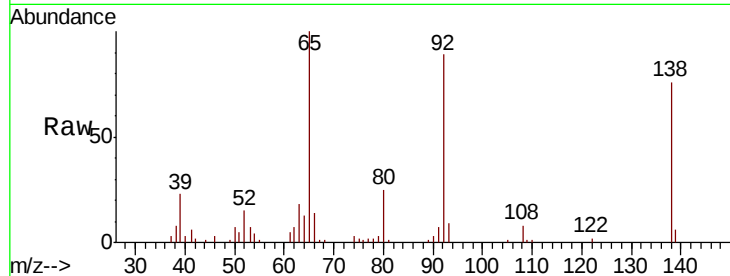




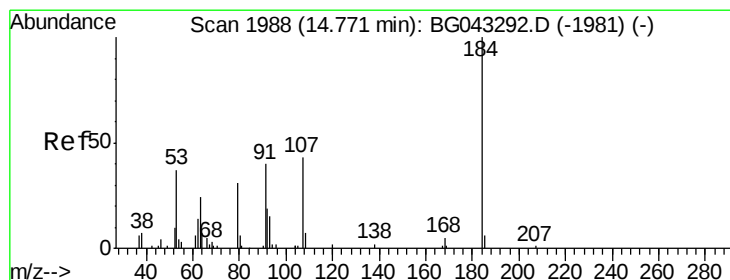
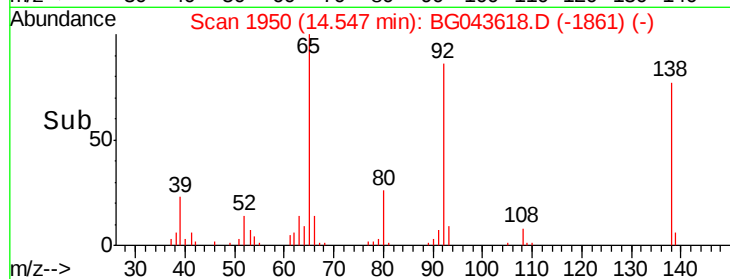
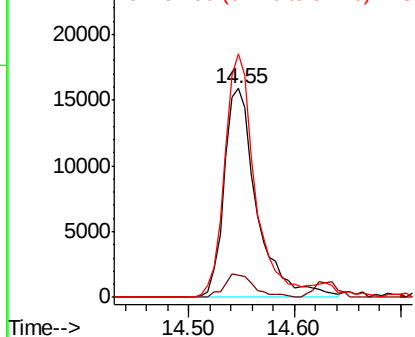
#53
3-Nitroaniline
Concen: 28.479 ng
RT: 14.55 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG043618.D
Acq: 13 Nov 2019 18:41

Instrument :
BNA_G
ClientSampled :

Tot Ion:138 Resp: 34096
Ion Ratio Lower Upper
138 100
108 10.7 8.0 12.0
92 116.5 90.9 136.3

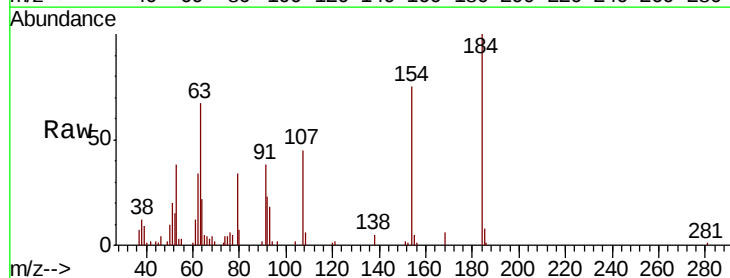


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

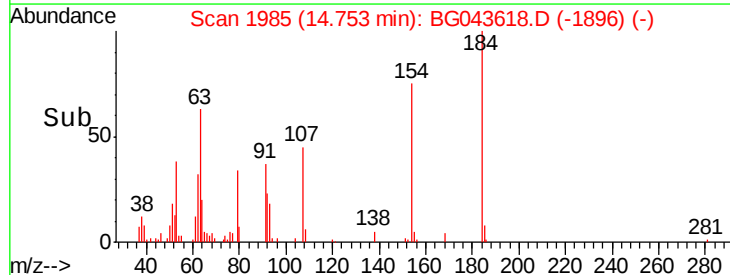
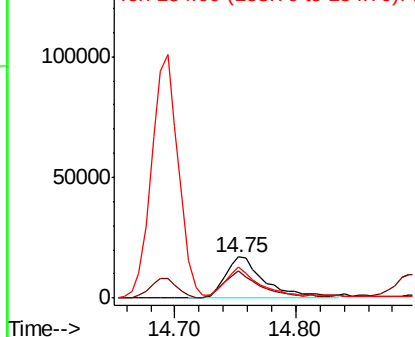


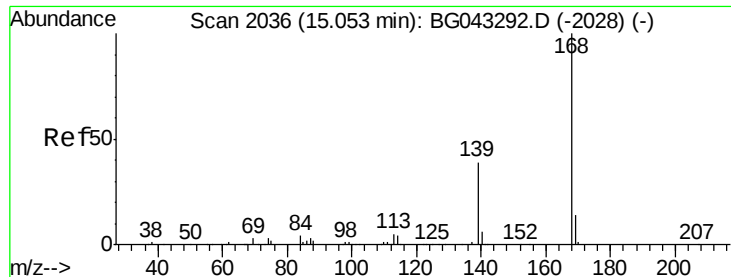
#54
2,4-Dinitrophenol
Concen: 53.677 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG043618.D
Acq: 13 Nov 2019 18:41

Tgt Ion:184 Resp: 39523
Ion Ratio Lower Upper
184 100
63 66.6 51.3 76.9
154 74.6 55.4 83.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 39.287 ng

RT: 15.03 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BG043618.D

Acq: 13 Nov 2019 18:41

Instrument :

BNA_G

ClientSampleId :

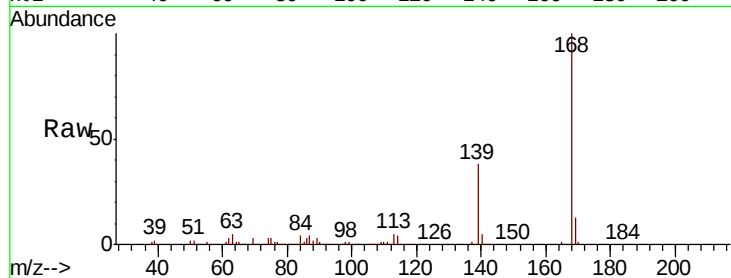
Tot Ion:168 Resp: 257927

Ion Ratio Lower Upper

168 100

139 38.2 31.0 46.6

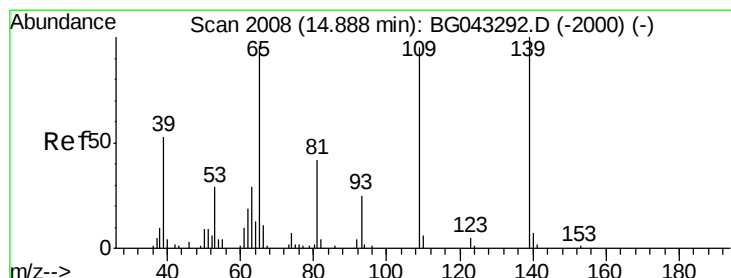
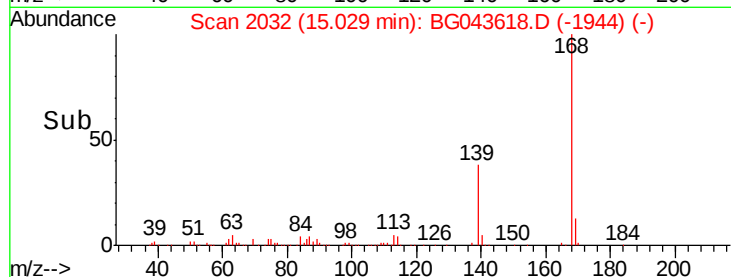
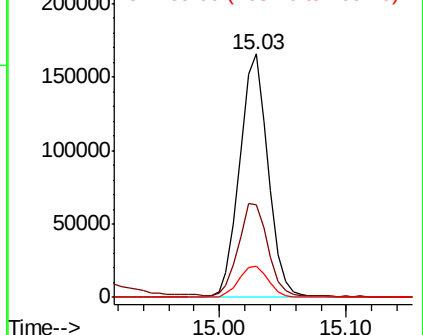
169 13.0 11.7 17.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 79.744 ng

RT: 14.89 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BG043618.D

Acq: 13 Nov 2019 18:41

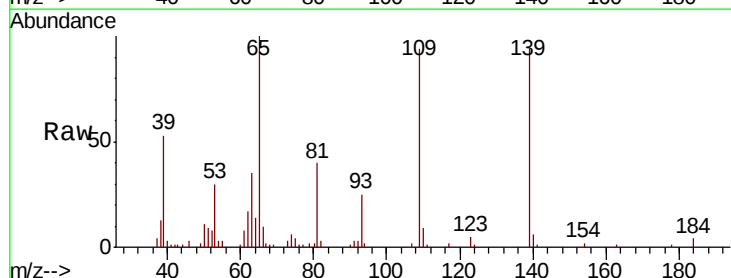
Tgt Ion:139 Resp: 63979

Ion Ratio Lower Upper

139 100

109 99.7 87.2 127.2

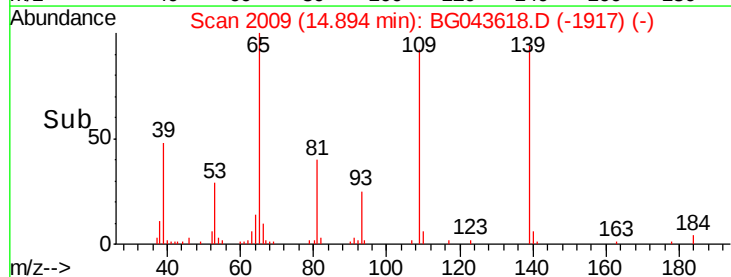
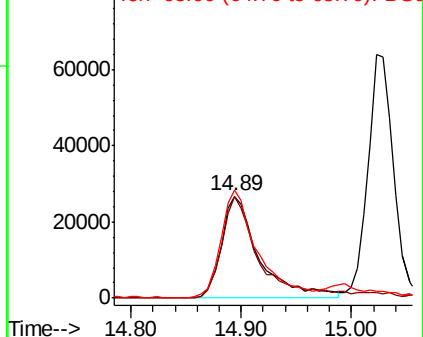
65 106.4 83.8 123.8

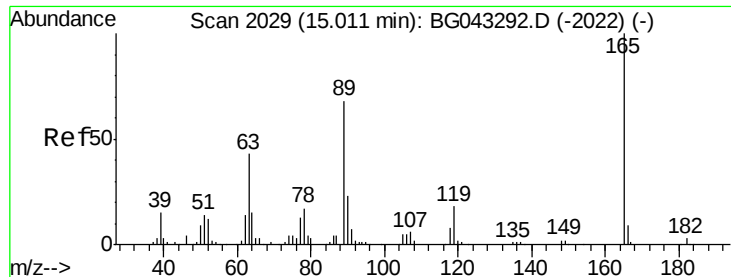


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

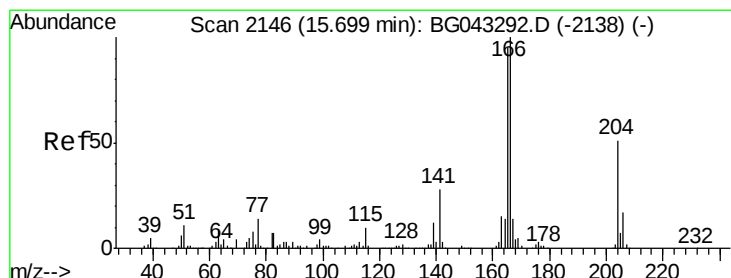
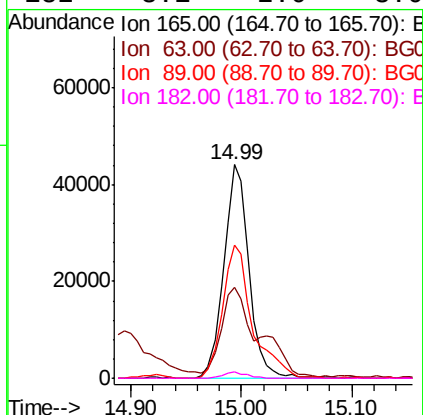
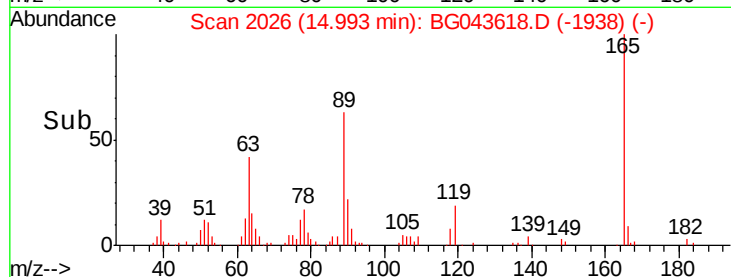
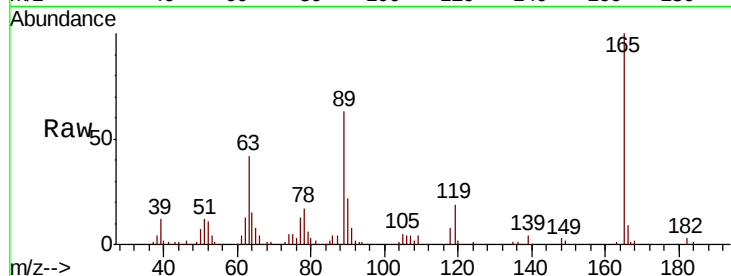




#57
2,4-Dinitrotoluene
Concen: 39.671 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BG043618.D
Acq: 13 Nov 2019 18:41

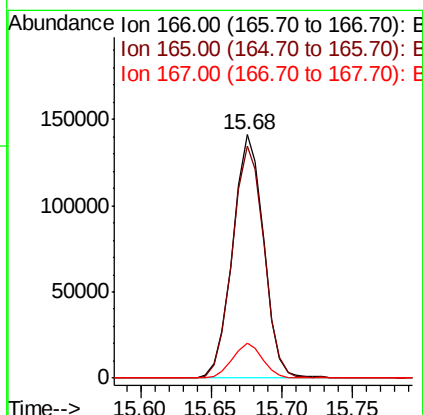
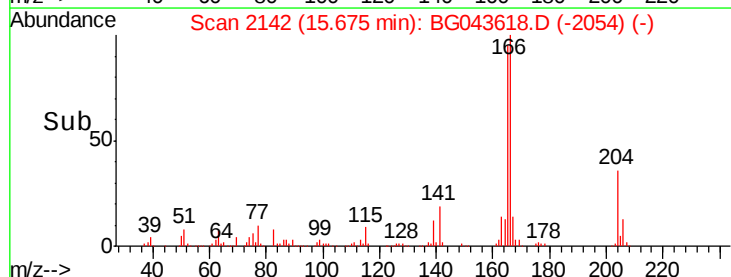
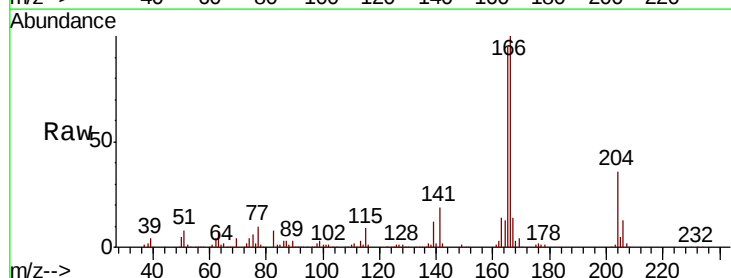
Instrument :
BNA_G
ClientSampleId :

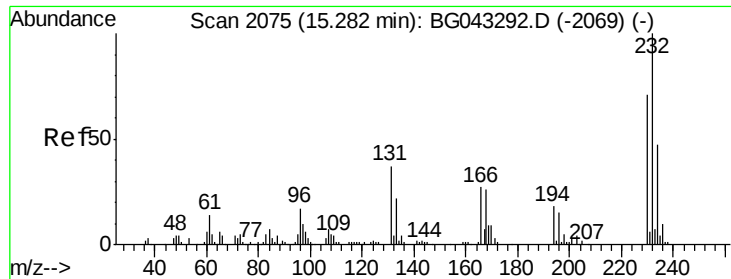
Tot Ion:165 Resp: 70303
Ion Ratio Lower Upper
165 100
63 42.4 33.2 49.8
89 62.5 52.2 78.4
182 3.1 2.0 3.0#



#58
Fluorene
Concen: 39.162 ng
RT: 15.68 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG043618.D
Acq: 13 Nov 2019 18:41

Tgt Ion:166 Resp: 215641
Ion Ratio Lower Upper
166 100
165 95.2 79.0 118.6
167 14.1 10.5 15.7

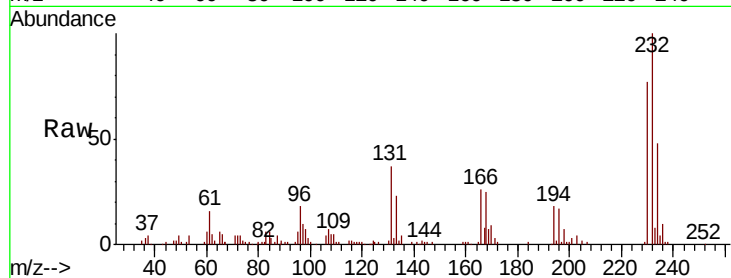




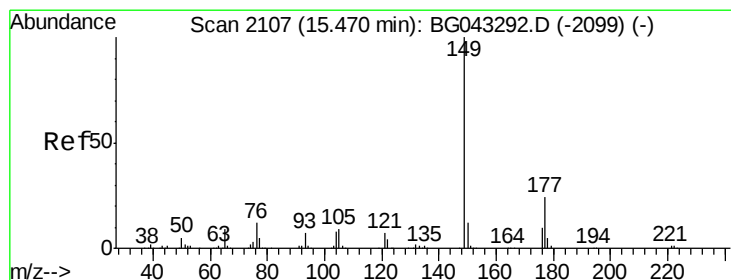
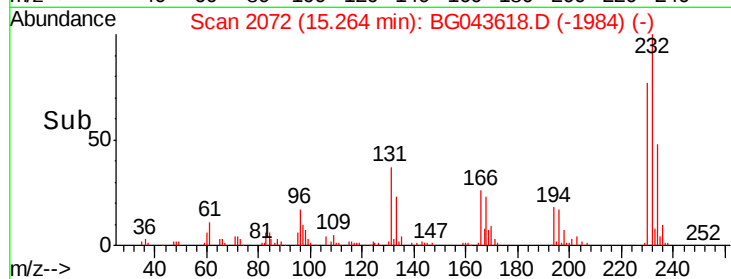
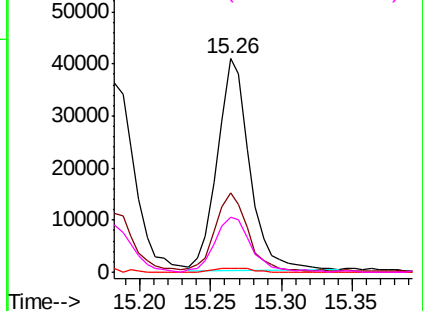
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.922 ng
 RT: 15.26 min Scan# 2072
 Delta R.T. -0.01 min
 Lab File: BG043618.D
 Acq: 13 Nov 2019 18:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	65420
Ion	Ratio	Lower	Upper
232	100		
131	37.3	26.9	40.3
130	2.5	1.8	2.6
166	29.2	20.9	31.3

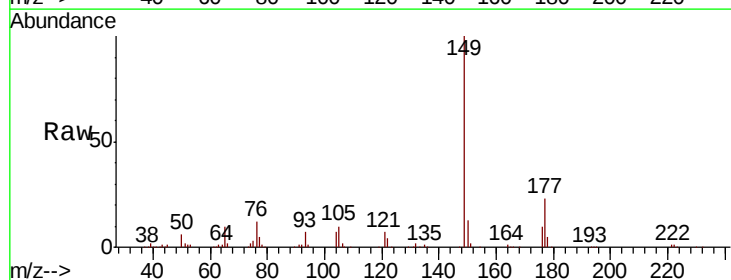


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

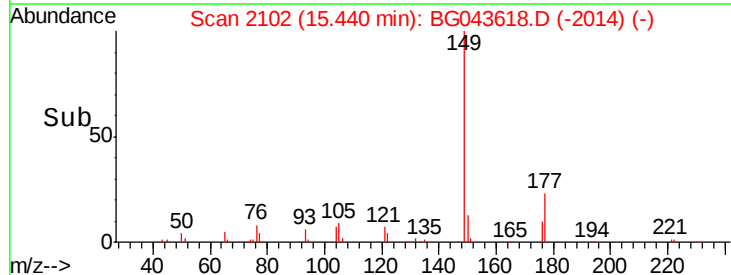
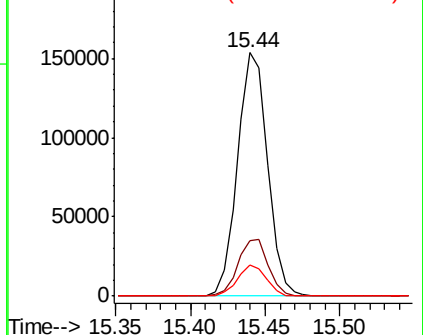


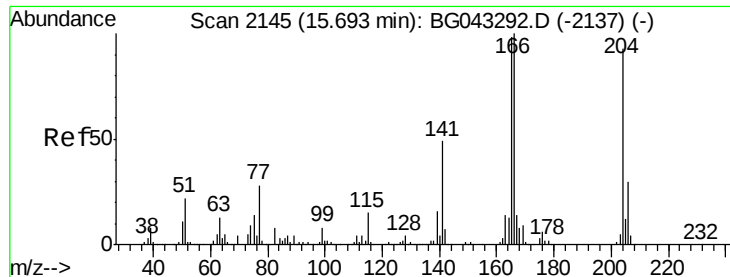
#60
 Diethylphthalate
 Concen: 37.421 ng
 RT: 15.44 min Scan# 2102
 Delta R.T. -0.01 min
 Lab File: BG043618.D
 Acq: 13 Nov 2019 18:41

Tgt Ion:	149	Resp:	214617
Ion	Ratio	Lower	Upper
149	100		
177	22.8	19.6	29.4
150	12.7	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

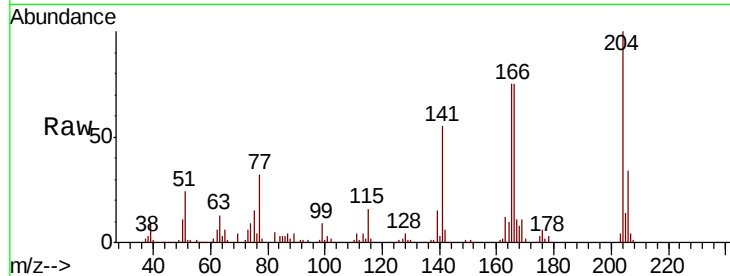




#61
 4-Chlorophenyl-phenylether
 Concen: 38.657 ng
 RT: 15.66 min Scan# 2140
 Delta R.T. -0.02 min
 Lab File: BG043618.D
 Acq: 13 Nov 2019 18:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.0	28.4	42.6
141	55.3	43.0	64.6

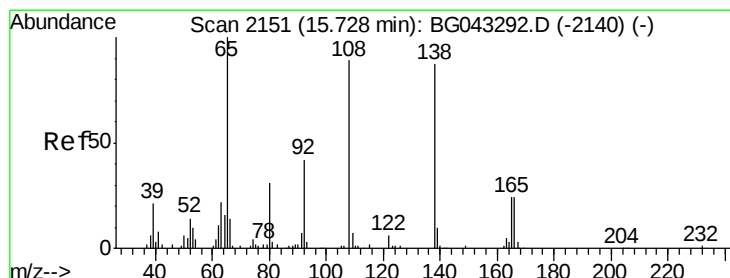
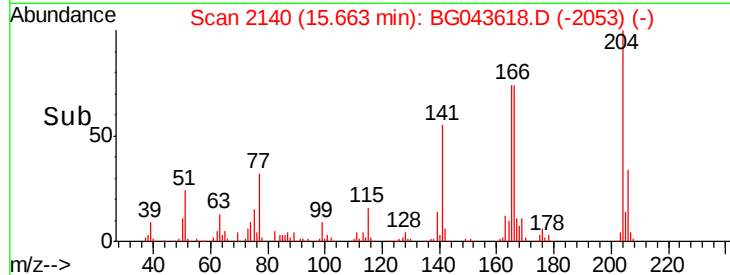
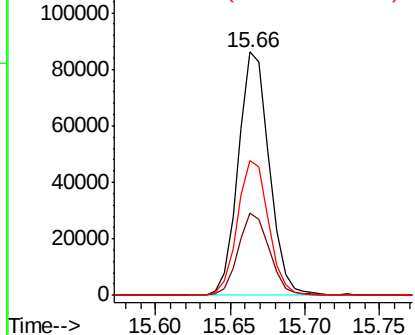


Abundance

Ion 204.00 (203.70 to 204.70): E

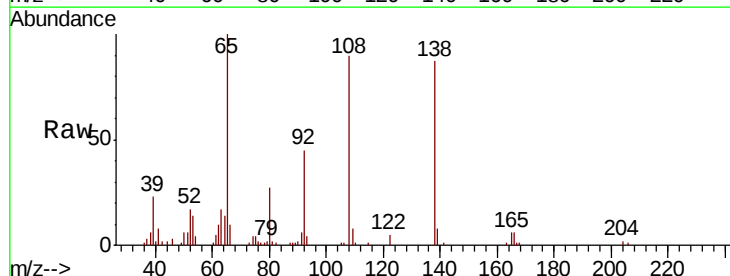
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 38.338 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BG043618.D
 Acq: 13 Nov 2019 18:41

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.9	33.4	73.4
108	102.9	78.0	118.0

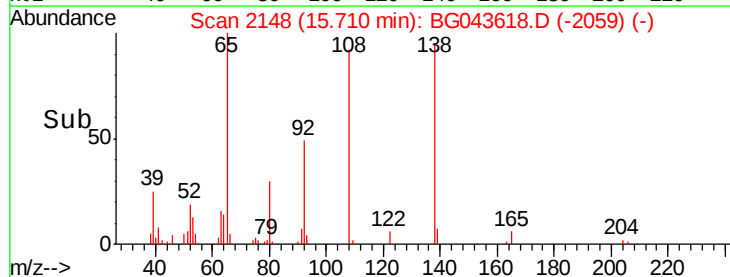
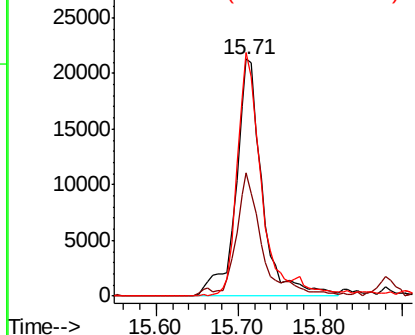


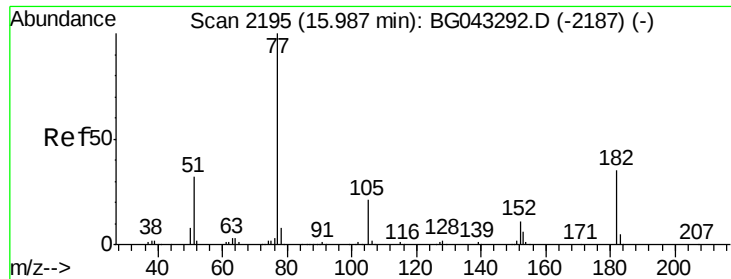
Abundance

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

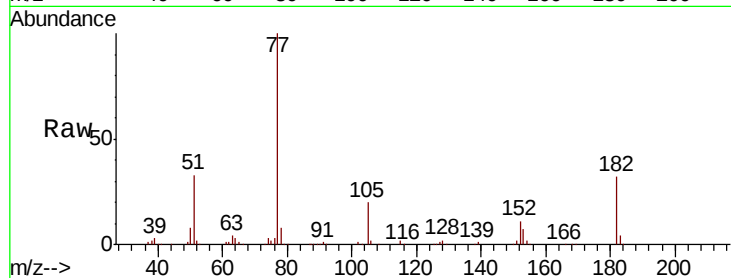




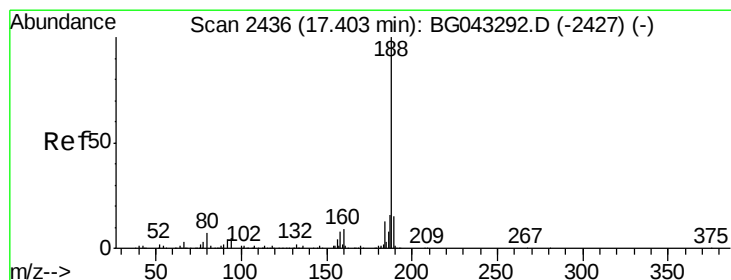
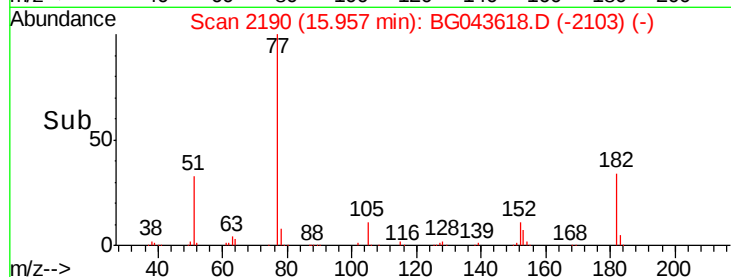
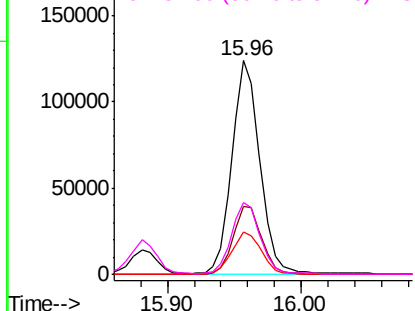
#63
Azobenzene
Concen: 38.861 ng
RT: 15.96 min Scan# 2190
Delta R.T. -0.02 min
Lab File: BG043618.D
Acq: 13 Nov 2019 18:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	31.9	13.7	53.7
105	19.7	0.4	40.4
51	33.3	11.0	51.0

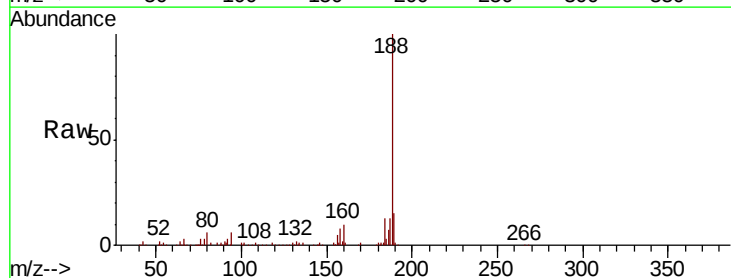


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

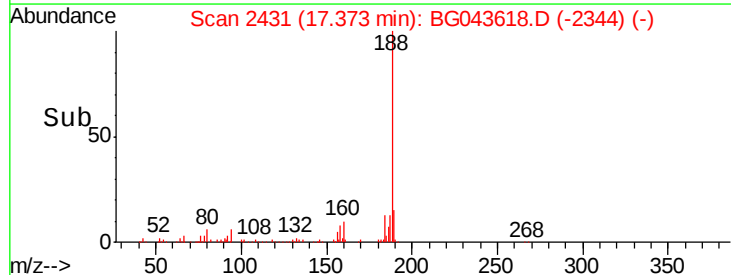
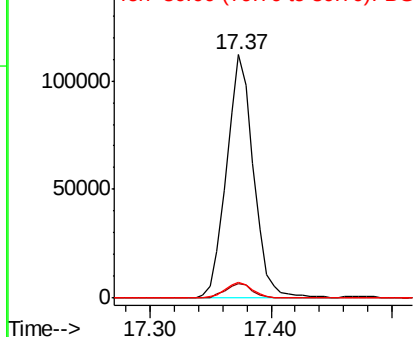


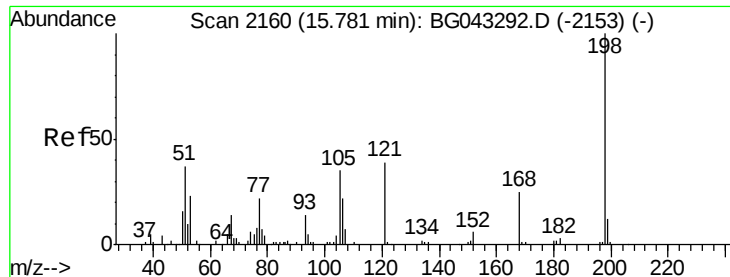
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BG043618.D
Acq: 13 Nov 2019 18:41

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.1	4.2	6.4
80	6.4	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: 36.141 ng

RT: 15.76 min Scan# 2157

Delta R.T. -0.01 min

Lab File: BG043618.D

Acq: 13 Nov 2019 18:41

Instrument :

BNA_G

ClientSampleId :

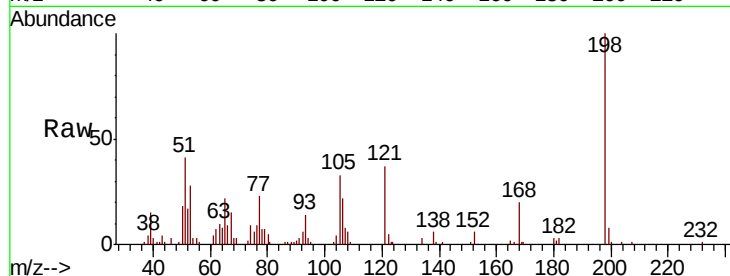
Tot Ion:198 Resp: 36962

Ion	Ratio	Lower	Upper
198	100		
51	41.3	13.2	53.2
105	33.1	15.8	55.8

198 100

51 41.3 13.2 53.2

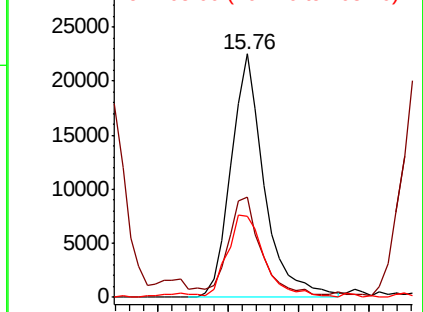
105 33.1 15.8 55.8



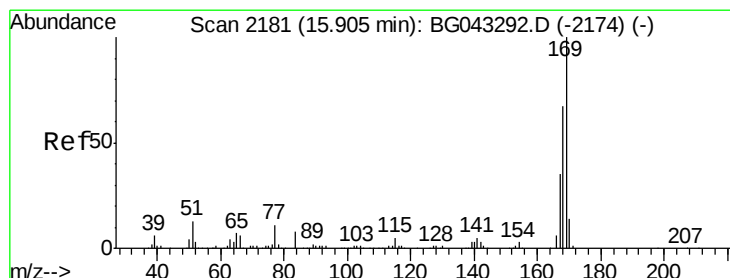
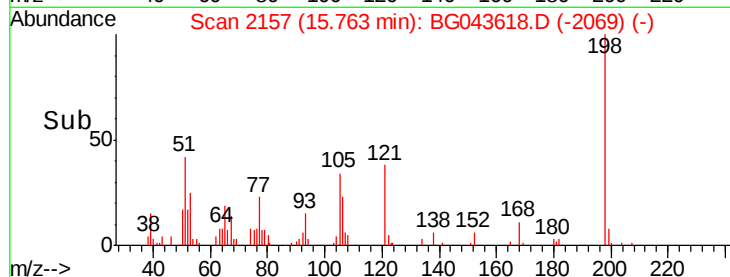
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG043292.D (-2153) (-)

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 39.146 ng

RT: 15.88 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BG043618.D

Acq: 13 Nov 2019 18:41

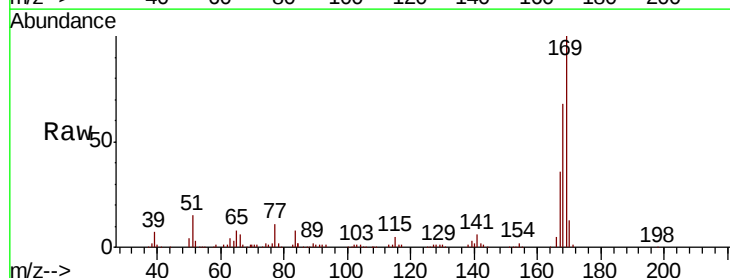
Tgt Ion:169 Resp: 192063

Ion	Ratio	Lower	Upper
169	100		
168	68.4	53.8	80.6
167	35.6	27.5	41.3

169 100

168 68.4 53.8 80.6

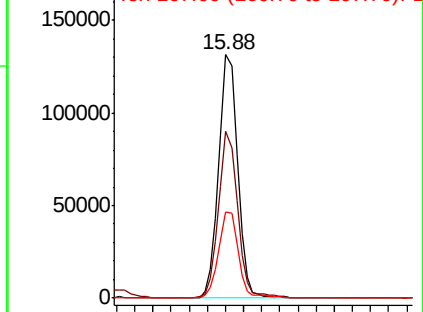
167 35.6 27.5 41.3



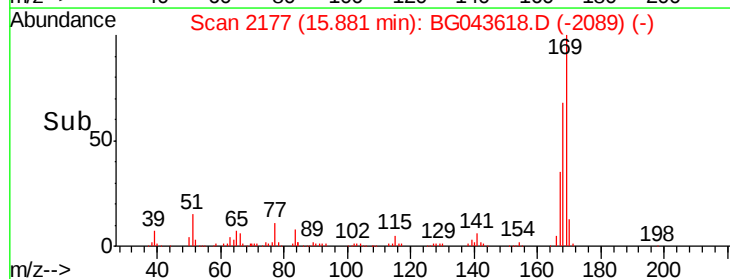
Abundance Ion 169.00 (168.70 to 169.70): E

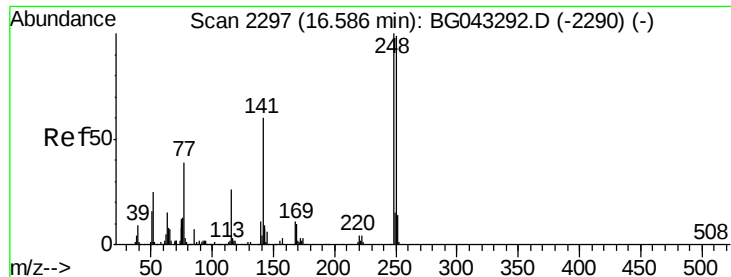
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->

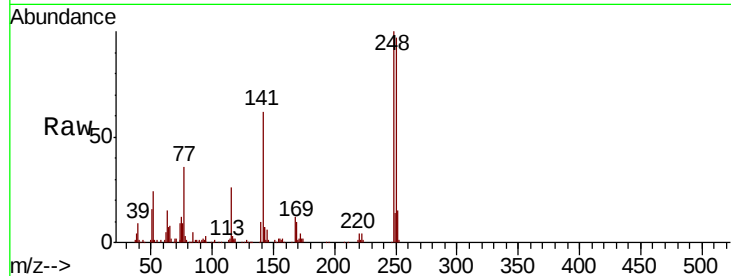




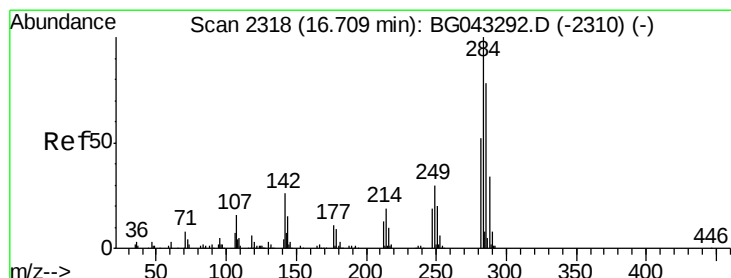
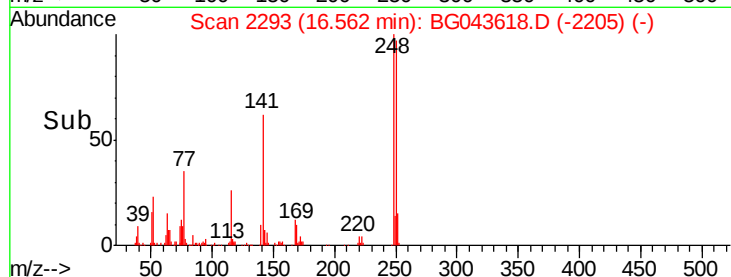
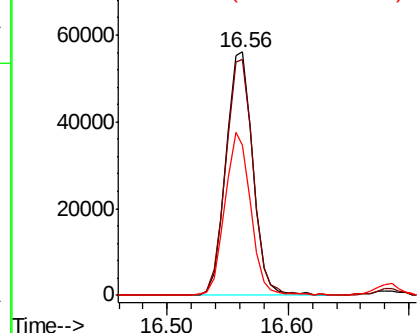
#67
4-Bromophenyl-phenylether
Concen: 36.895 ng
RT: 16.56 min Scan# 2293
Delta R.T. -0.01 min
Lab File: BG043618.D
Acq: 13 Nov 2019 18:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 86287
Ion Ratio Lower Upper
248 100
250 97.1 77.0 115.4
141 61.8 47.5 71.3

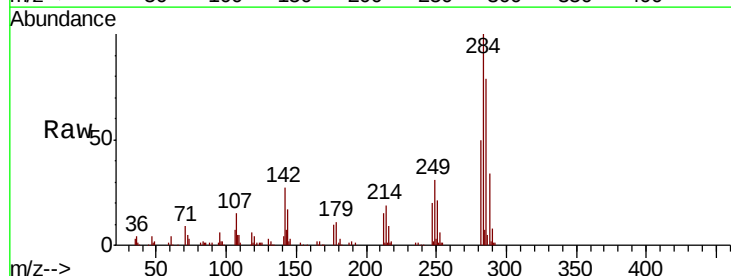


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

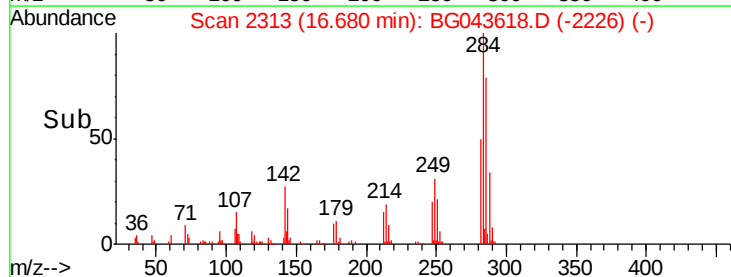
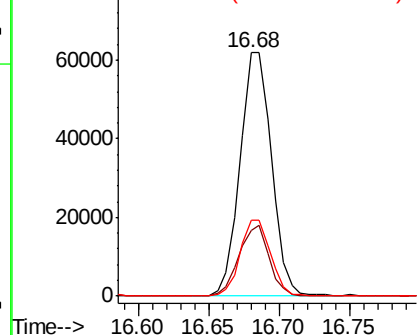


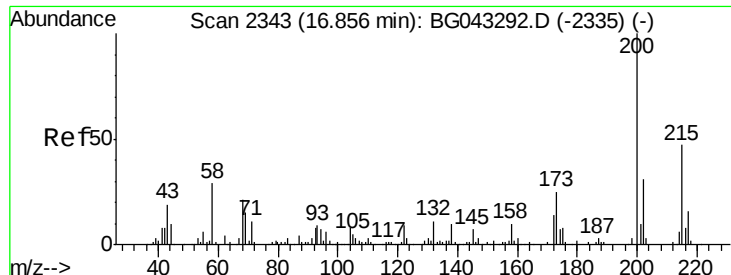
#68
Hexachlorobenzene
Concen: 36.003 ng
RT: 16.68 min Scan# 2313
Delta R.T. -0.02 min
Lab File: BG043618.D
Acq: 13 Nov 2019 18:41

Tgt Ion:284 Resp: 96653
Ion Ratio Lower Upper
284 100
142 27.2 19.8 29.8
249 31.2 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

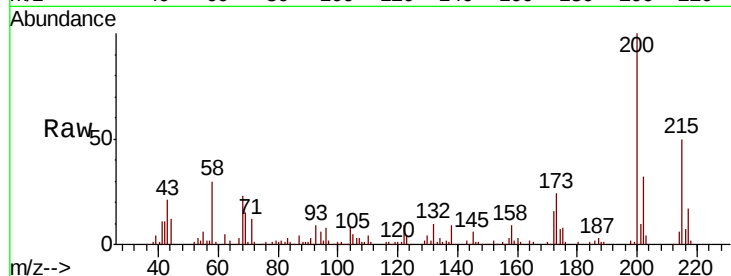




#69
Atrazine
Concen: 48.937 ng
RT: 16.83 min Scan# 2339
Delta R.T. -0.01 min
Lab File: BG043618.D
Acq: 13 Nov 2019 18:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.2	4.7	44.7
215	49.7	28.5	68.5

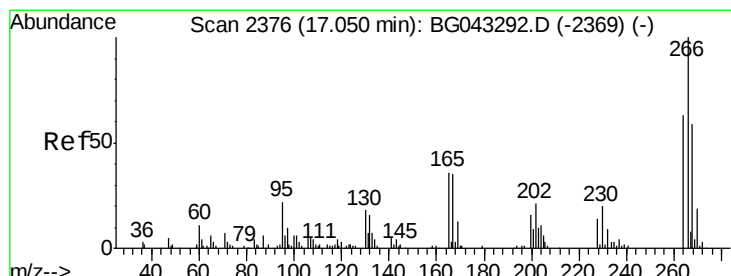
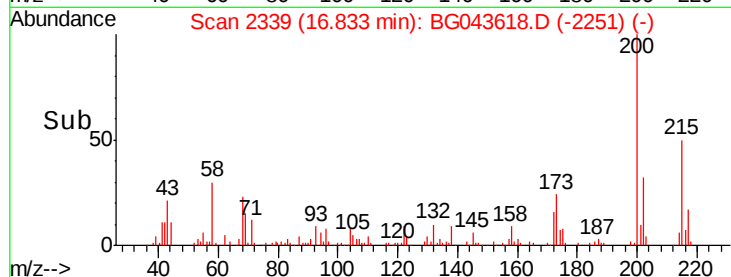
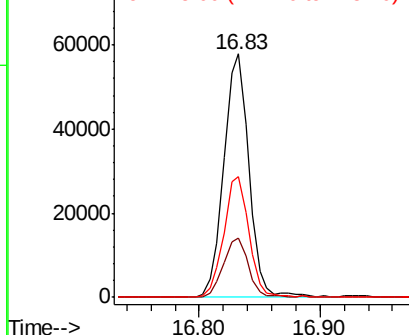


Abundance

Ion 200.00 (199.70 to 200.70): E

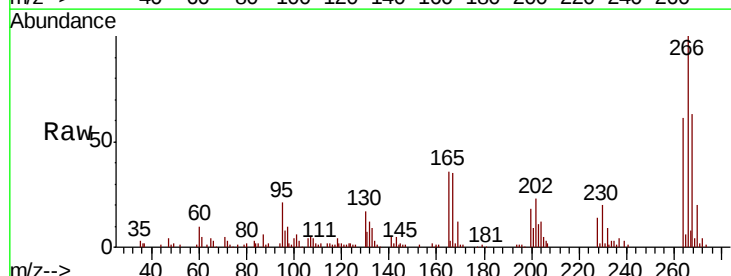
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 58.876 ng
RT: 17.04 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BG043618.D
Acq: 13 Nov 2019 18:41

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.2	50.4	75.6
264	61.3	48.9	73.3

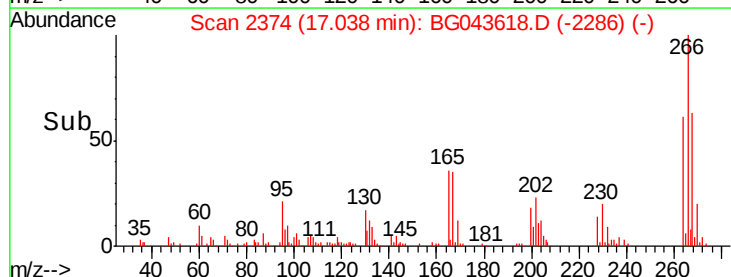
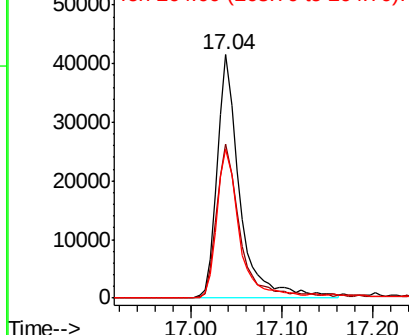


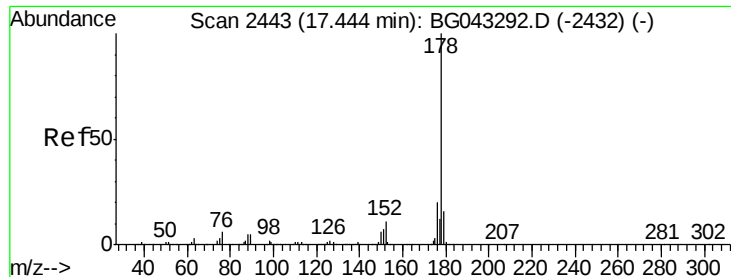
Abundance

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

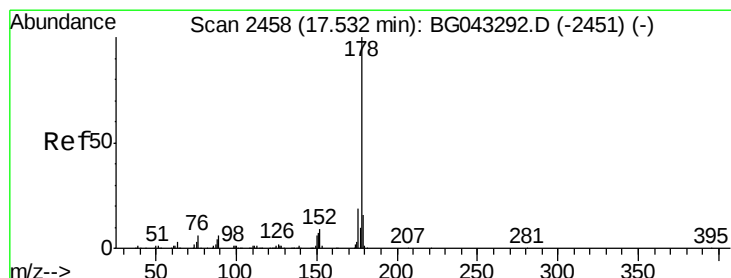
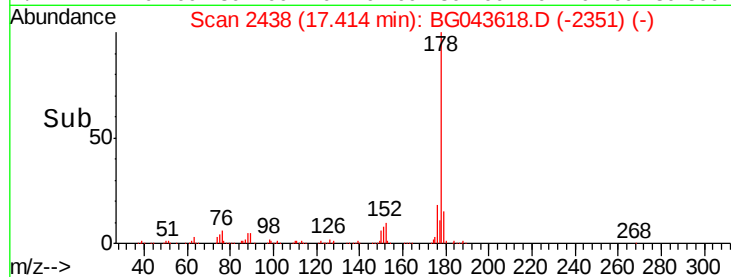
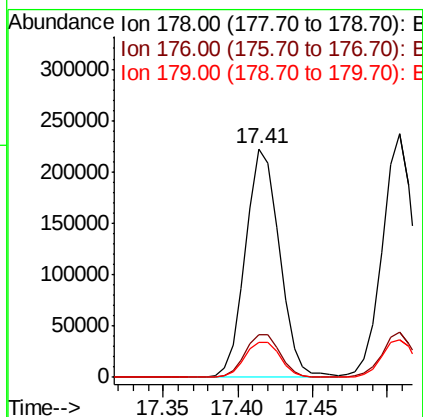
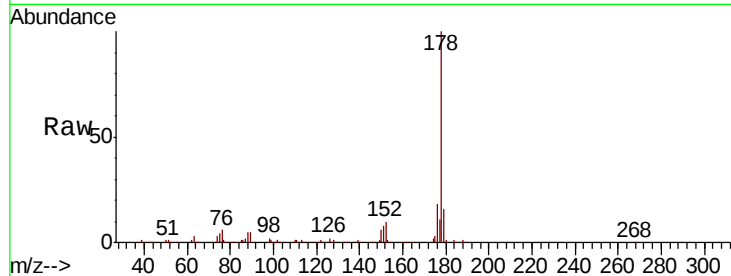




#71
Phenanthrene
Concen: 39.498 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.02 min
Lab File: BG043618.D
Acq: 13 Nov 2019 18:41

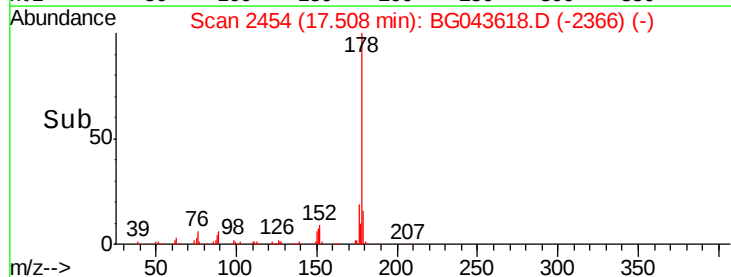
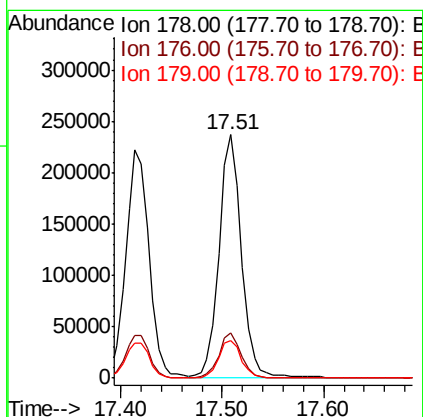
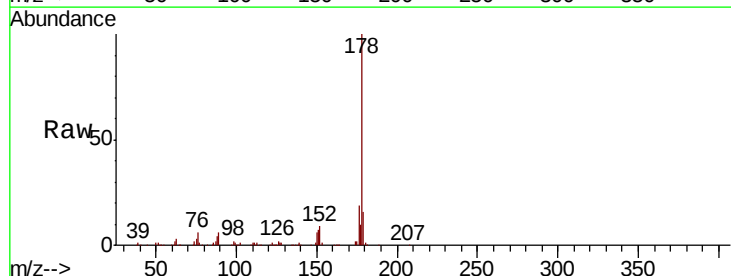
Instrument :
BNA_G
ClientSampleId :

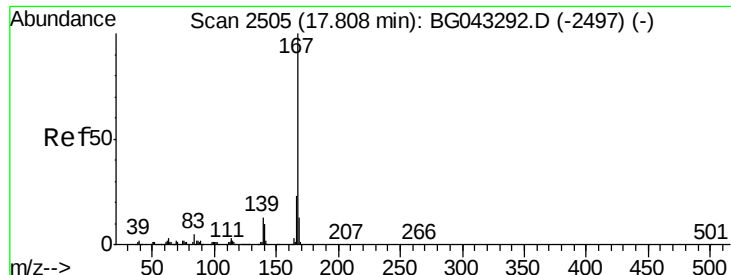
Tot Ion:178 Resp: 351494
Ion Ratio Lower Upper
178 100
176 18.5 15.4 23.0
179 15.6 13.0 19.6



#72
Anthracene
Concen: 40.622 ng
RT: 17.51 min Scan# 2454
Delta R.T. -0.01 min
Lab File: BG043618.D
Acq: 13 Nov 2019 18:41

Tgt Ion:178 Resp: 361682
Ion Ratio Lower Upper
178 100
176 18.7 15.5 23.3
179 15.6 13.7 20.5

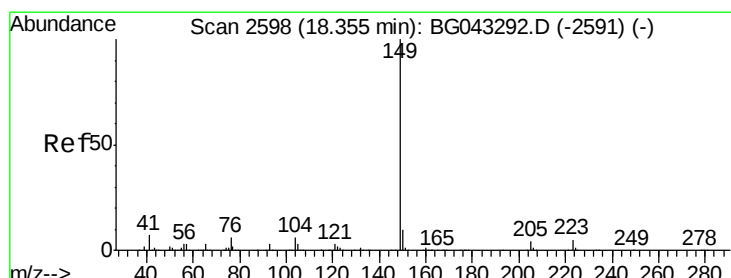
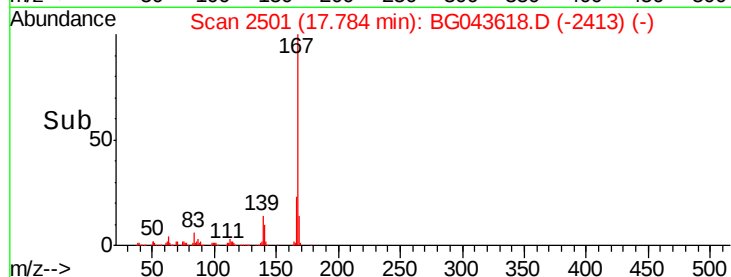
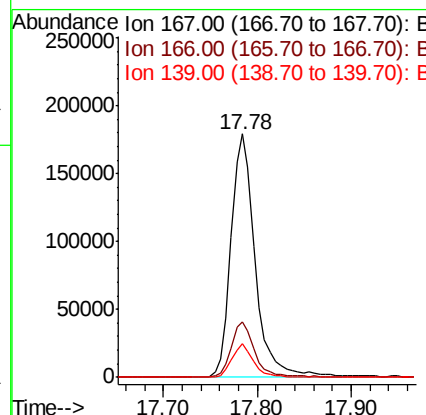
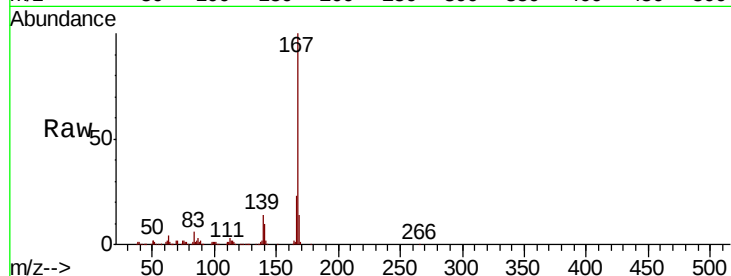




#73
 Carbazole
 Concen: 39.576 ng
 RT: 17.78 min Scan# 2501
 Delta R.T. -0.01 min
 Lab File: BG043618.D
 Acq: 13 Nov 2019 18:41

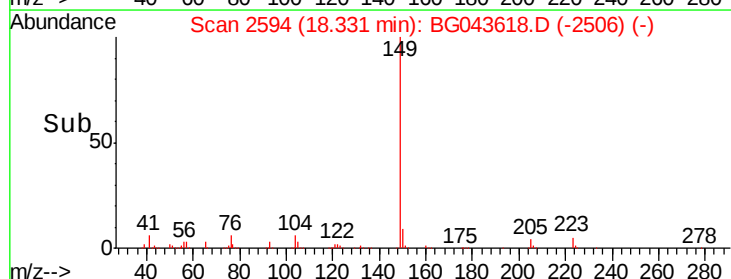
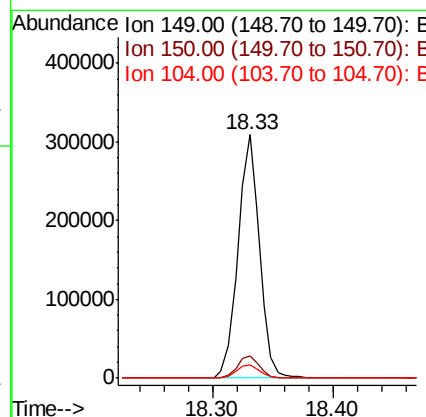
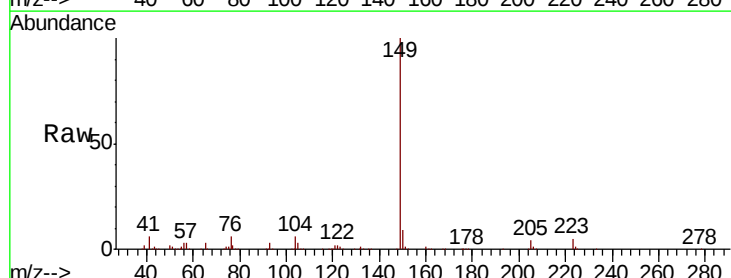
Instrument :
 BNA_G
 ClientSampleId :

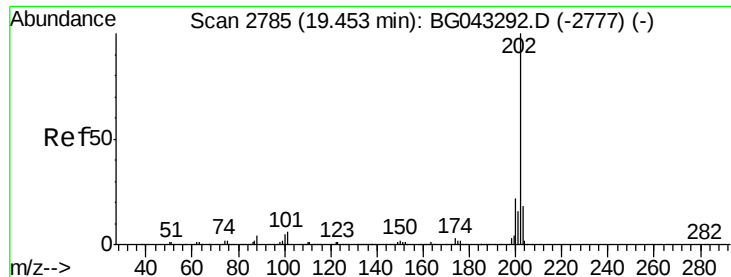
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.7	28.1
139	13.8	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 39.241 ng
 RT: 18.33 min Scan# 2594
 Delta R.T. -0.01 min
 Lab File: BG043618.D
 Acq: 13 Nov 2019 18:41

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	8.0	12.0
104	5.6	4.4	6.6





#75

Fluoranthene

Concen: 40.433 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.02 min

Lab File: BG043618.D

Acq: 13 Nov 2019 18:41

Instrument :

BNA_G

ClientSampleId :

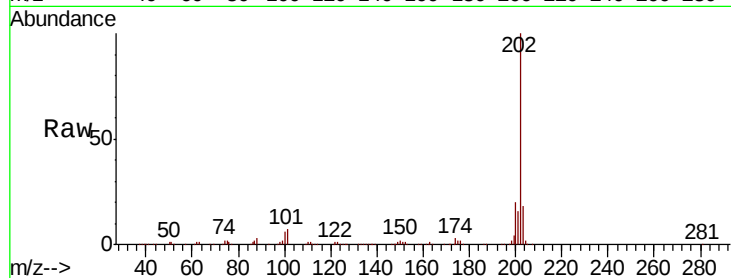
Tot Ion:202 Resp: 469093

Ion Ratio Lower Upper

202 100

101 6.7 0.0 26.3

203 17.6 0.0 37.9

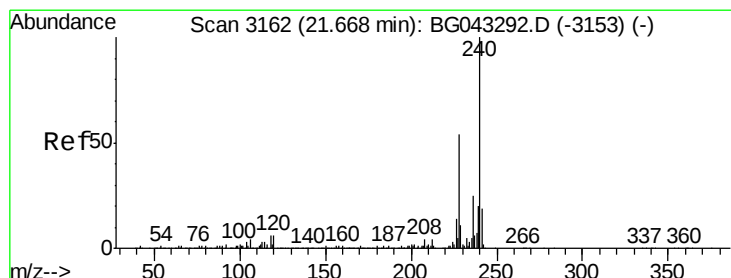
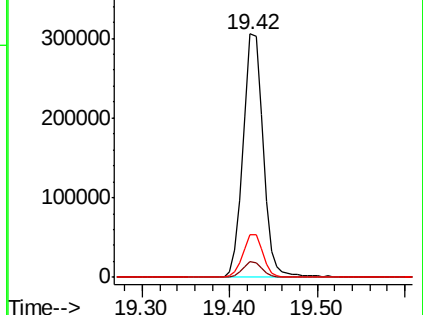
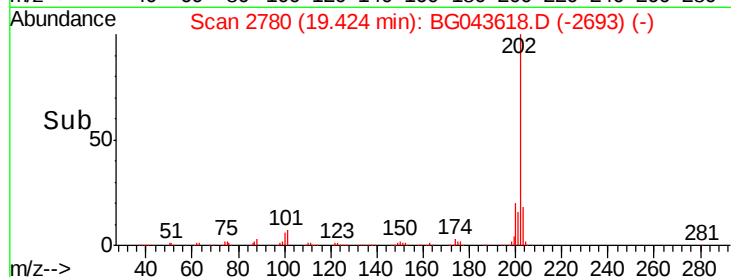


Abundance

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: 21.64 min Scan# 3157

Delta R.T. -0.02 min

Lab File: BG043618.D

Acq: 13 Nov 2019 18:41

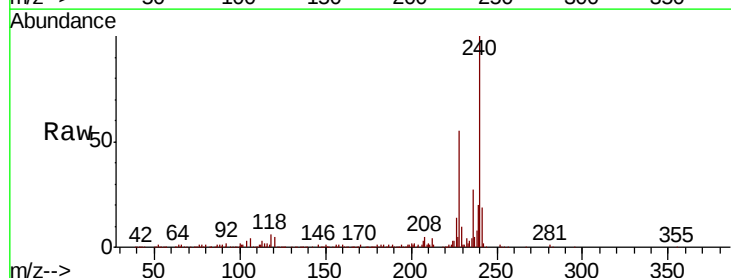
Tgt Ion:240 Resp: 198480

Ion Ratio Lower Upper

240 100

120 5.4 4.6 6.8

236 26.7 19.8 29.8

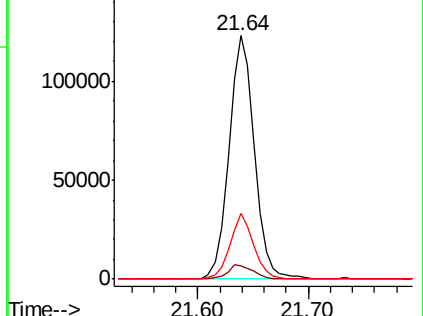
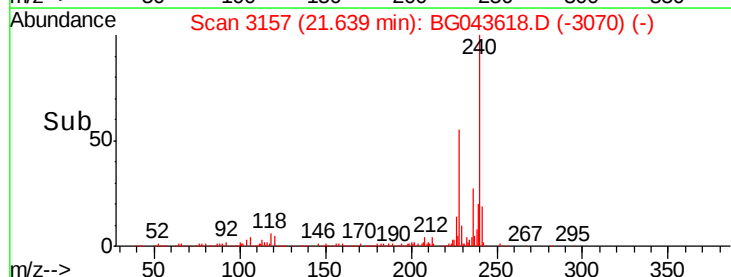


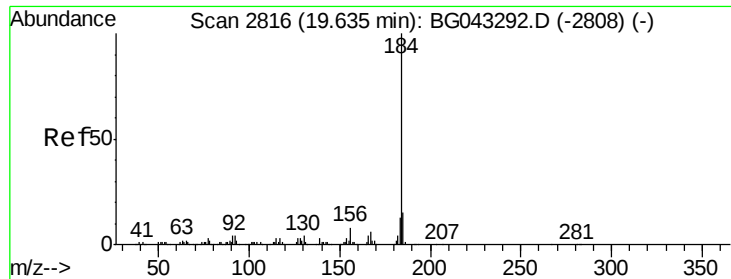
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.512 ng

RT: 19.61 min Scan# 2812

Delta R.T. -0.01 min

Lab File: BG043618.D

Acq: 13 Nov 2019 18:41

Instrument :

BNA_G

ClientSampled :

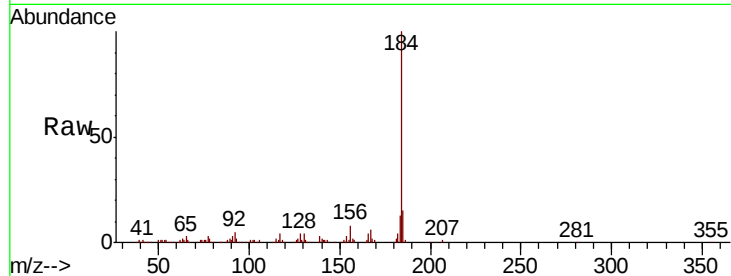
Tot Ion:184 Resp: 157831

Ion Ratio Lower Upper

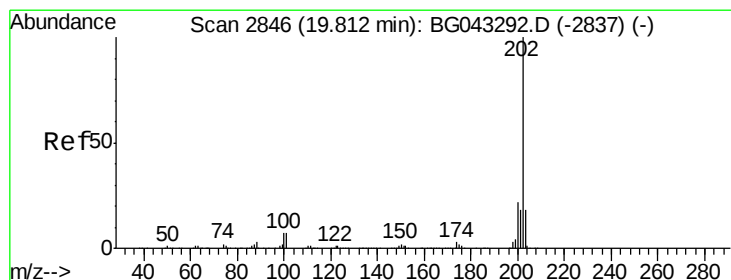
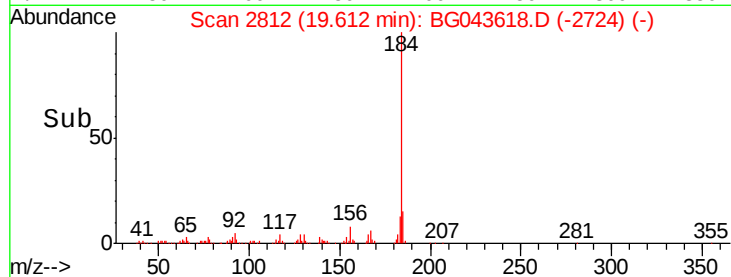
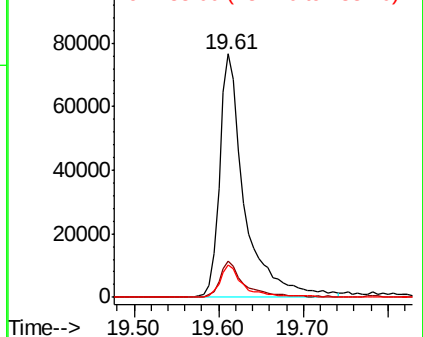
184 100

185 15.1 11.0 16.4

183 13.5 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: 38.829 ng

RT: 19.79 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BG043618.D

Acq: 13 Nov 2019 18:41

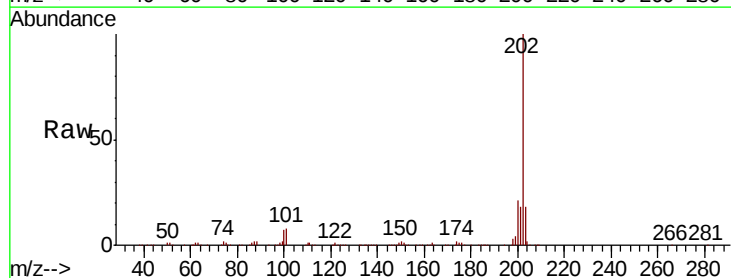
Tgt Ion:202 Resp: 477046

Ion Ratio Lower Upper

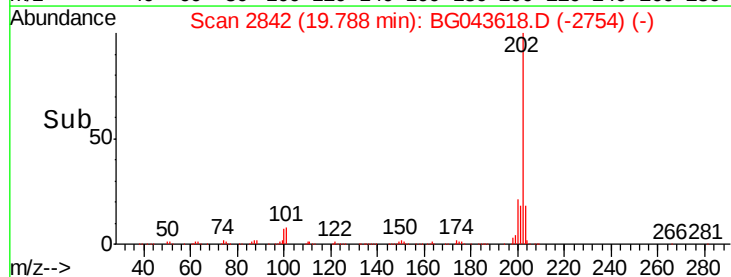
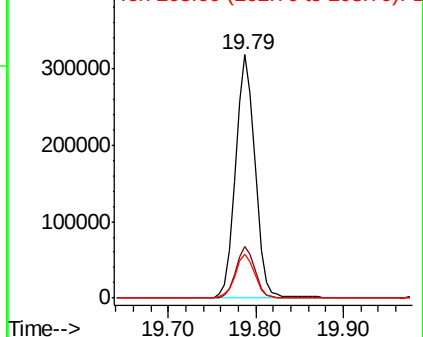
202 100

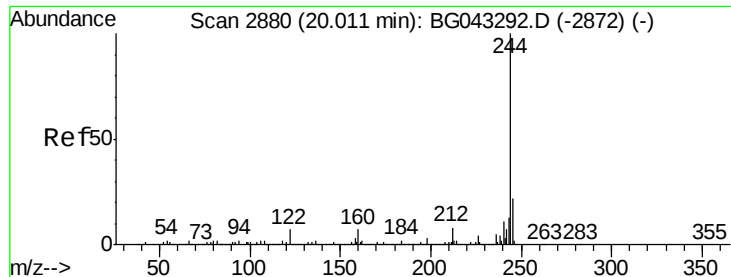
200 21.3 17.0 25.4

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: 60.870 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.02 min

Lab File: BG043618.D

Acq: 13 Nov 2019 18:41

Instrument :

BNA_G

ClientSampleId :

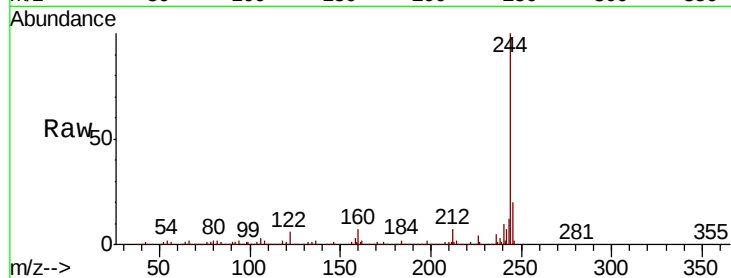
Tot Ion:244 Resp: 643983

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

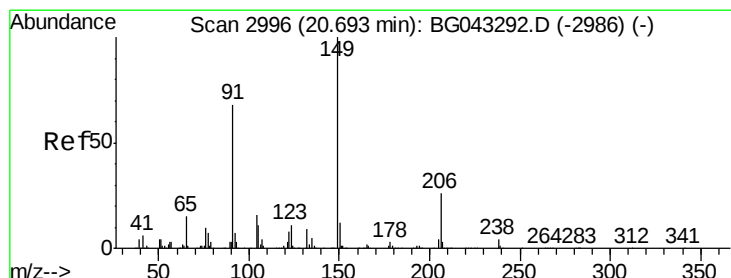
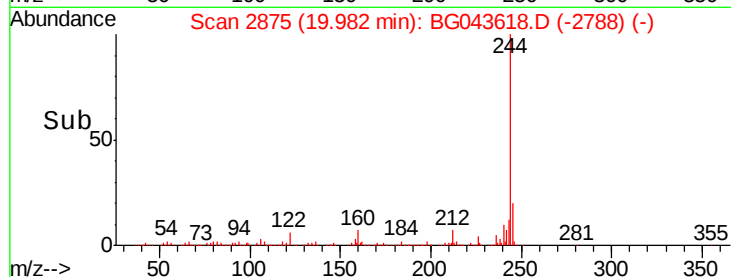
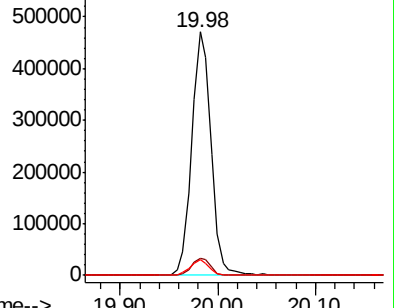
122 6.4 5.4 8.2



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: 38.079 ng

RT: 20.67 min Scan# 2992

Delta R.T. -0.02 min

Lab File: BG043618.D

Acq: 13 Nov 2019 18:41

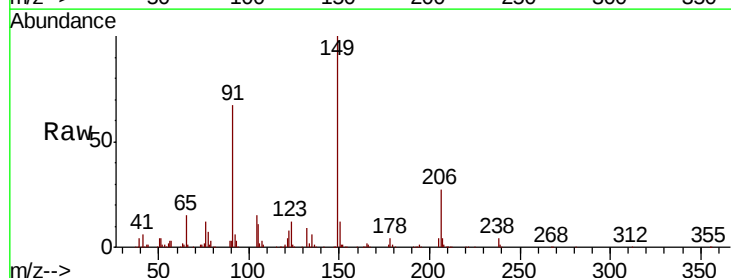
Tgt Ion:149 Resp: 177242

Ion Ratio Lower Upper

149 100

91 66.9 51.2 76.8

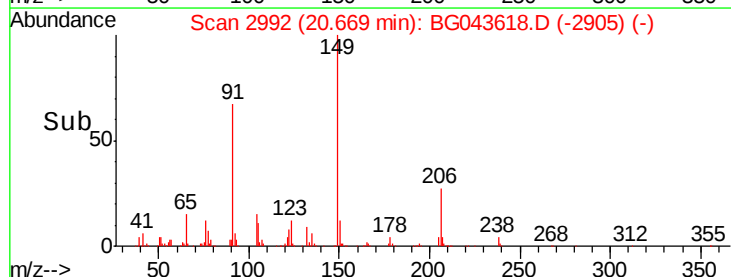
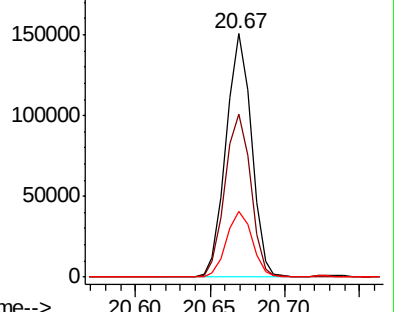
206 27.1 22.5 33.7

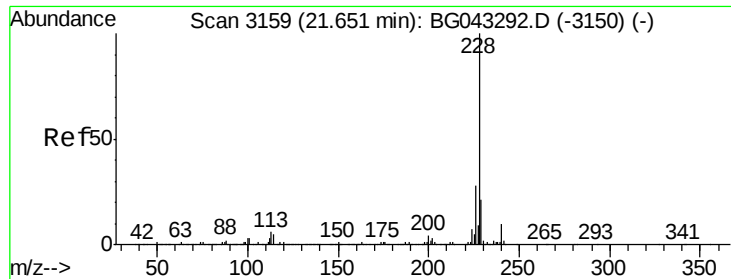


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.618 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.02 min

Lab File: BG043618.D

Acq: 13 Nov 2019 18:41

Instrument :

BNA_G

ClientSampleId :

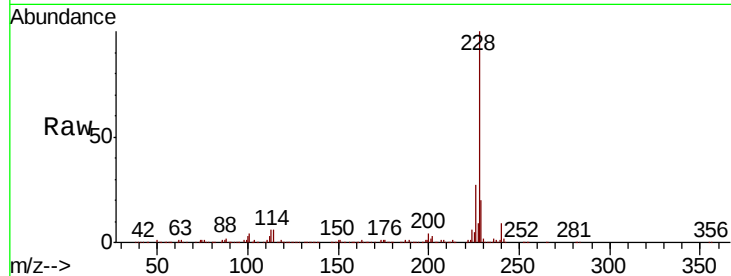
Tot Ion:228 Resp: 492555

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.2	33.2
229	20.0	17.0	25.4

228 100

226 27.2 22.2 33.2

229 20.0 17.0 25.4

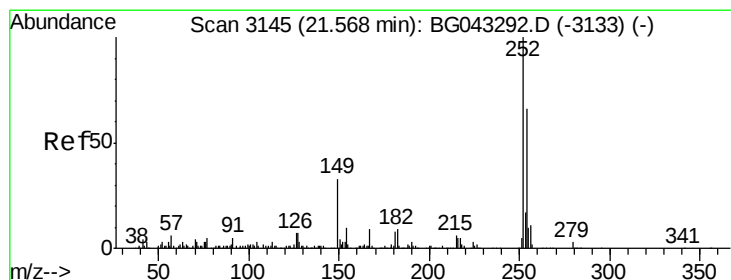
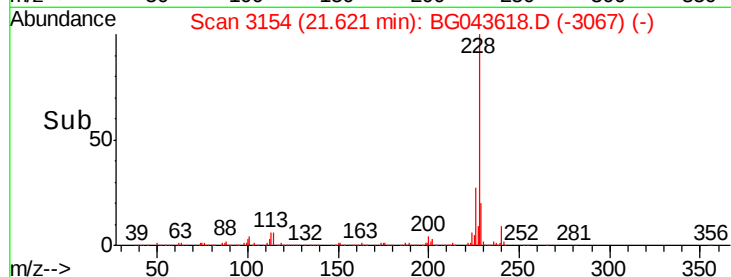
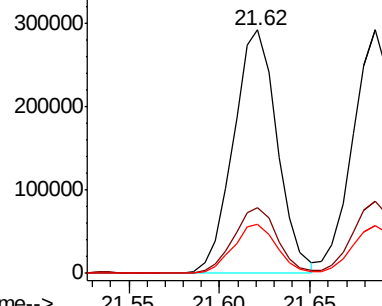


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 32.927 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG043618.D

Acq: 13 Nov 2019 18:41

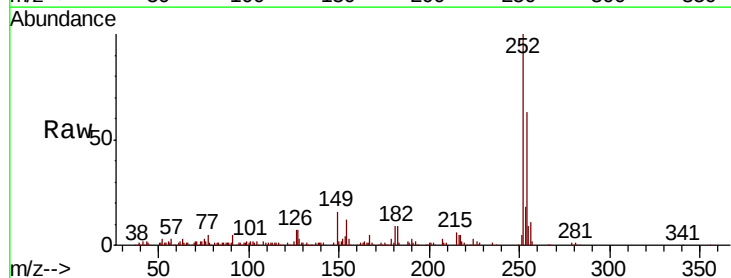
Tgt Ion:252 Resp: 158335

Ion	Ratio	Lower	Upper
252	100		
254	62.6	50.8	76.2
126	7.2	6.1	9.1

252 100

254 62.6 50.8 76.2

126 7.2 6.1 9.1

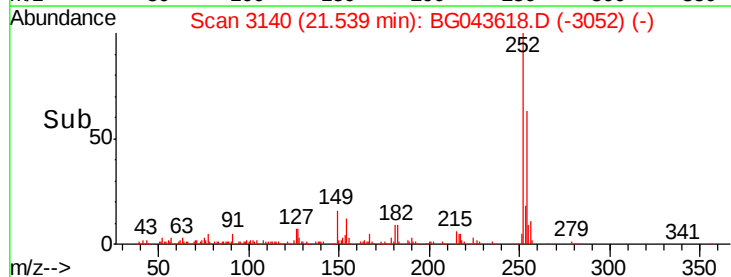
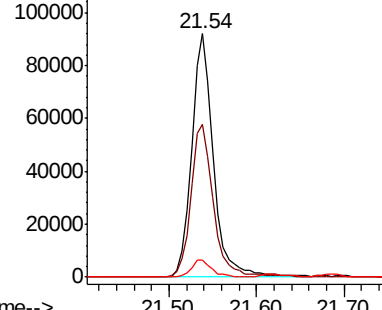


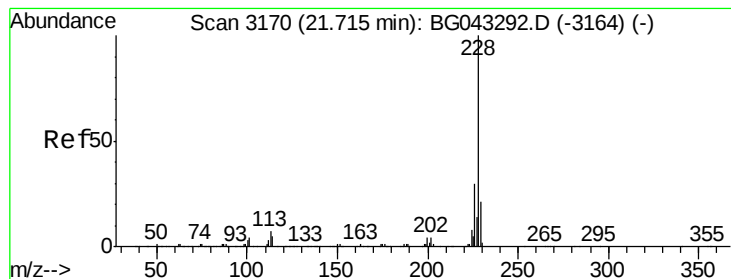
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.569 ng

RT: 21.69 min Scan# 3165

Delta R.T. -0.02 min

Lab File: BG043618.D

Acq: 13 Nov 2019 18:41

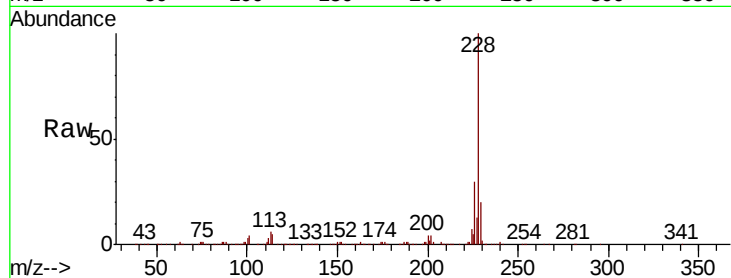
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 488786

Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.1	37.7
229	19.7	17.0	25.4

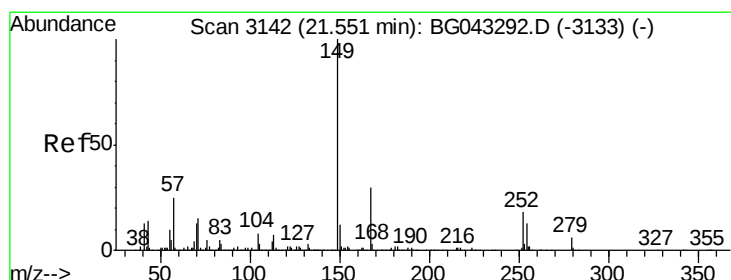
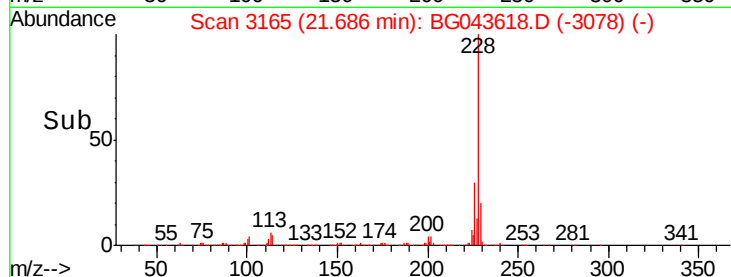
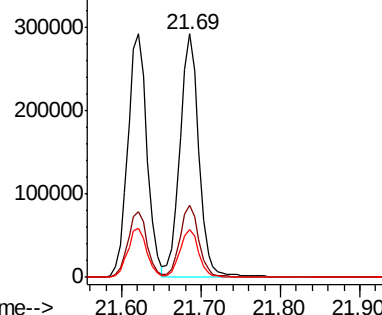


Abundance

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: 39.720 ng

RT: 21.52 min Scan# 3137

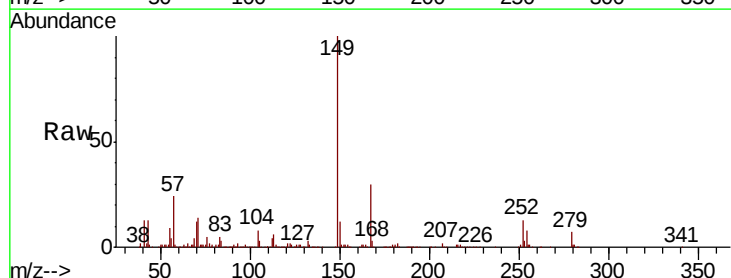
Delta R.T. -0.02 min

Lab File: BG043618.D

Acq: 13 Nov 2019 18:41

Tgt Ion:149 Resp: 262623

Ion	Ratio	Lower	Upper
149	100		
167	29.9	24.0	36.0
279	6.8	5.4	8.2

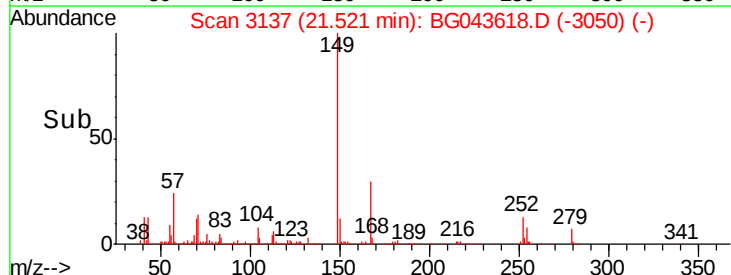
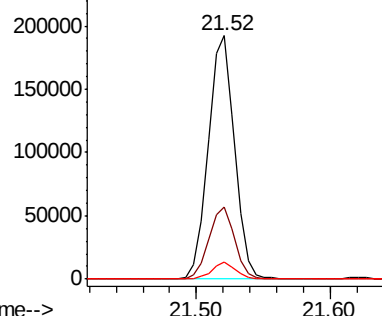


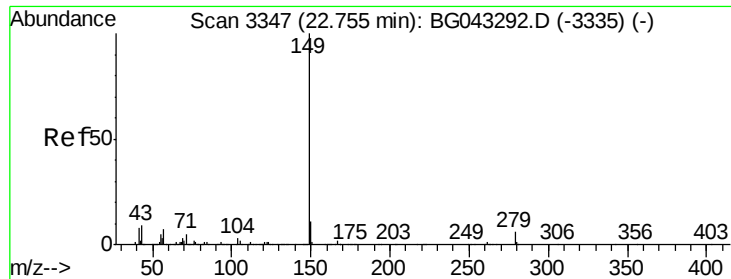
Abundance

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

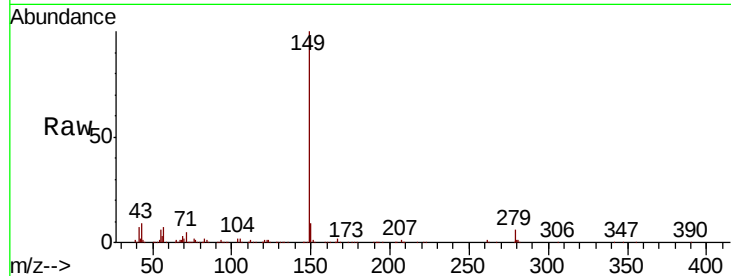




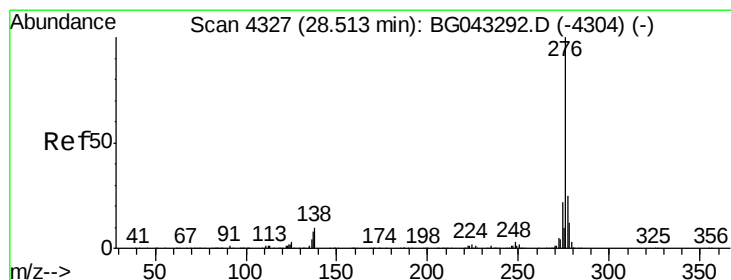
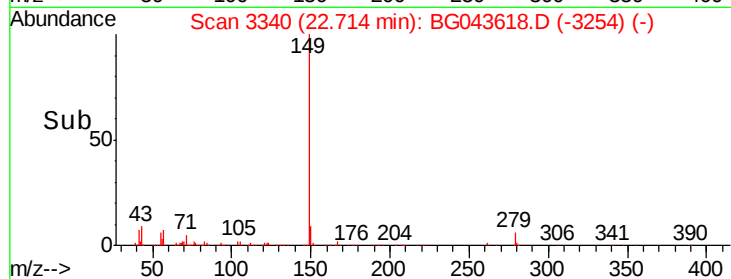
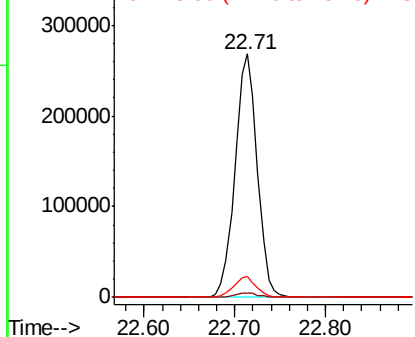
#85
Di-n-octyl phthalate
Concen: 40.639 ng
RT: 22.71 min Scan# 3340
Delta R.T. -0.02 min
Lab File: BG043618.D
Acq: 13 Nov 2019 18:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 455864
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.2
43 8.7 7.0 10.6

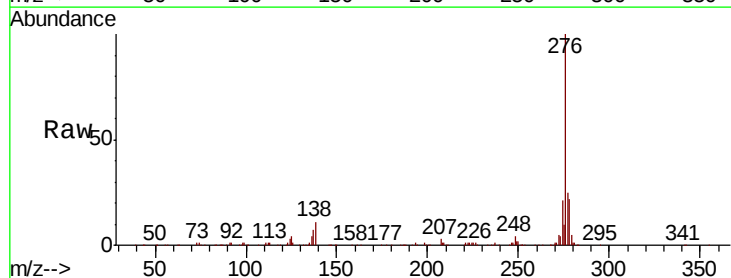


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

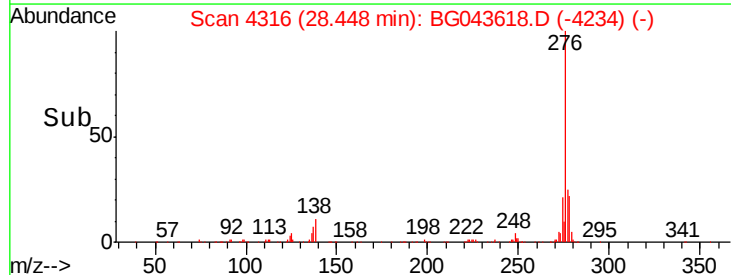
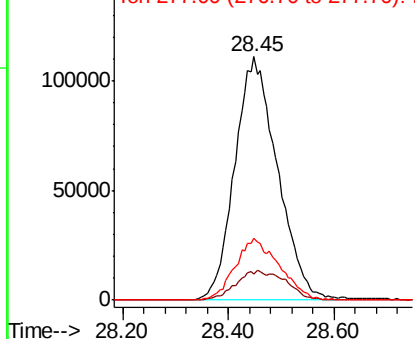


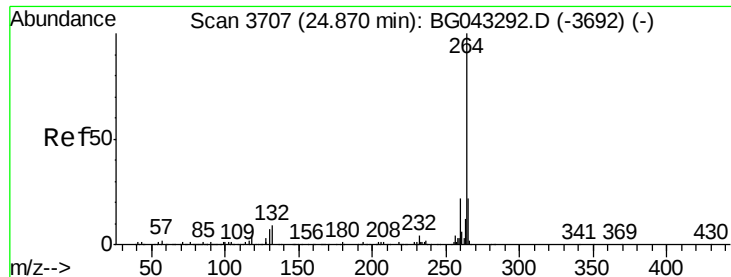
#86
Indeno(1,2,3-cd)pyrene
Concen: 40.000 ng
RT: 28.45 min Scan# 4316
Delta R.T. -0.05 min
Lab File: BG043618.D
Acq: 13 Nov 2019 18:41

Tgt Ion:276 Resp: 620237
Ion Ratio Lower Upper
276 100
138 14.2 6.8 10.2#
277 26.3 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: 24.82 min Scan# 3698

Delta R.T. -0.04 min

Lab File: BG043618.D

Acq: 13 Nov 2019 18:41

Instrument :

BNA_G

ClientSampleId :

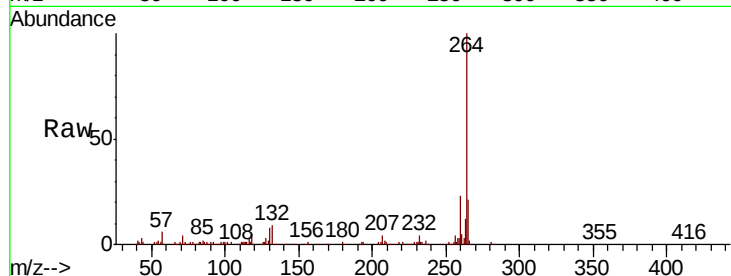
Tot Ion:264 Resp: 215120

Ion Ratio Lower Upper

264 100

260 22.9 17.5 26.3

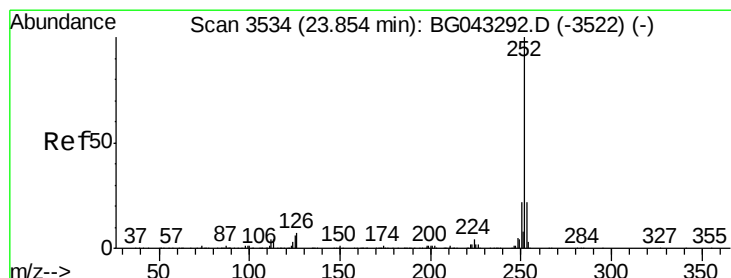
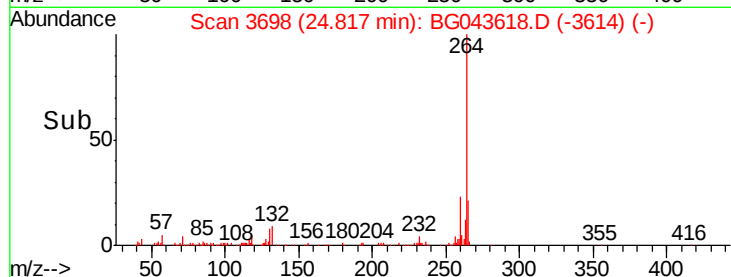
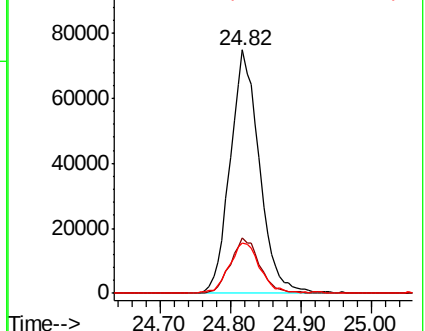
265 20.8 17.4 26.0



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: 43.252 ng

RT: 23.81 min Scan# 3527

Delta R.T. -0.03 min

Lab File: BG043618.D

Acq: 13 Nov 2019 18:41

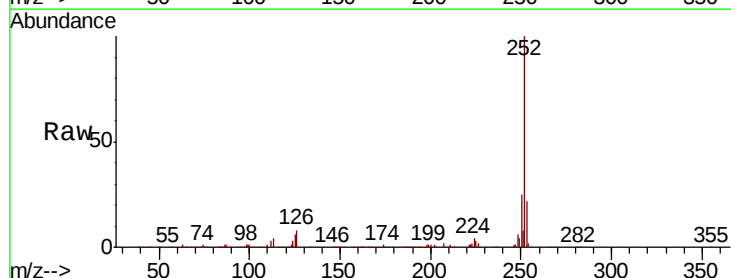
Tgt Ion:252 Resp: 526975

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

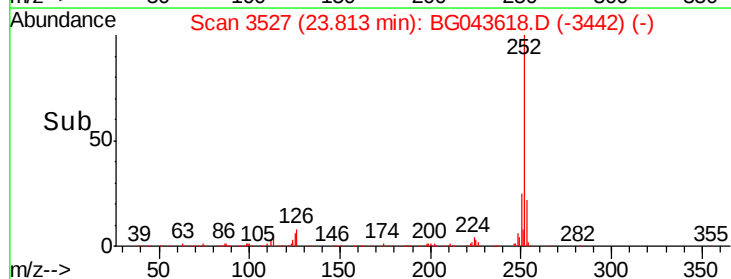
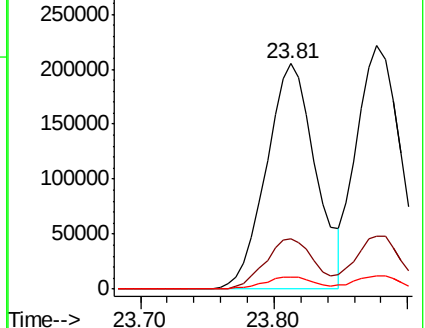
125 5.6 4.5 6.7

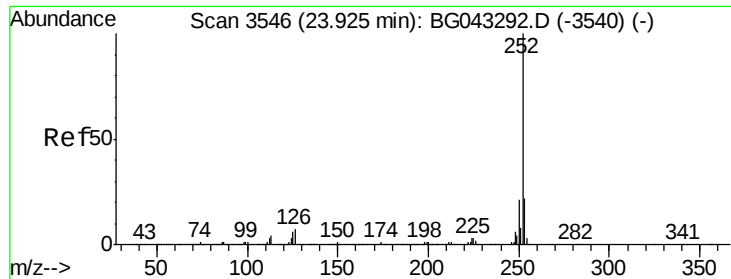


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 41.753 ng

RT: 23.88 min Scan# 3538

Delta R.T. -0.03 min

Lab File: BG043618.D

Acq: 13 Nov 2019 18:41

Instrument :

BNA_G

ClientSampled :

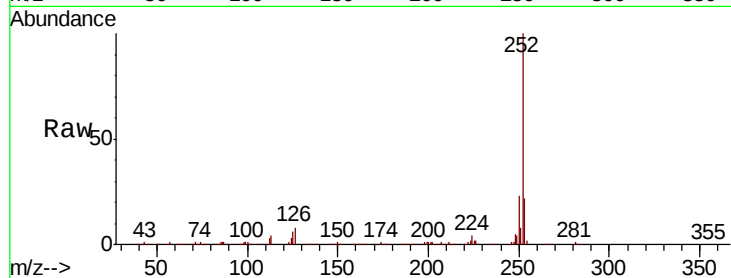
Tot Ion:252 Resp: 512124

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

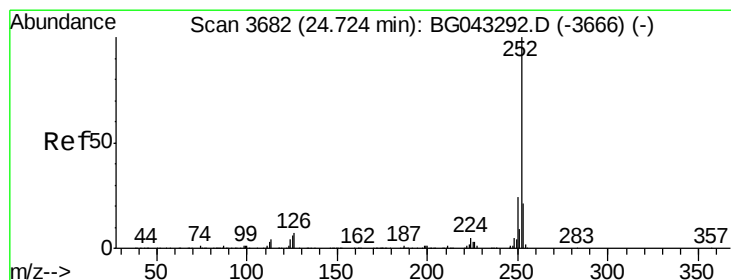
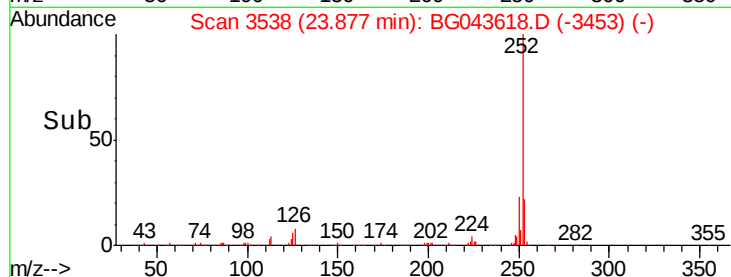
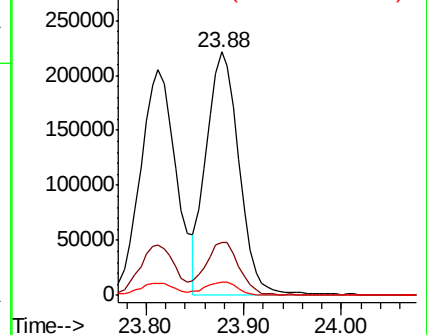
125 5.5 4.6 6.8



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: 41.420 ng

RT: 24.67 min Scan# 3673

Delta R.T. -0.03 min

Lab File: BG043618.D

Acq: 13 Nov 2019 18:41

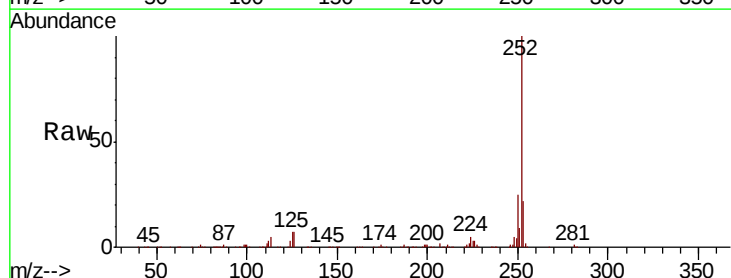
Tgt Ion:252 Resp: 481904

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

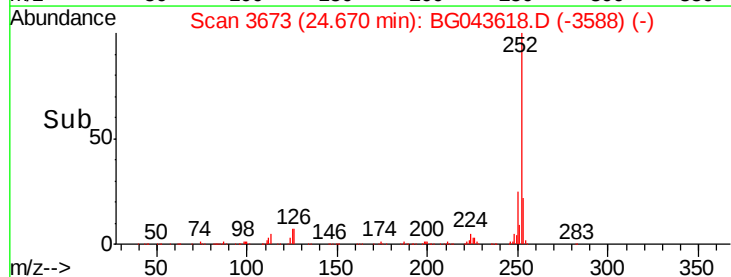
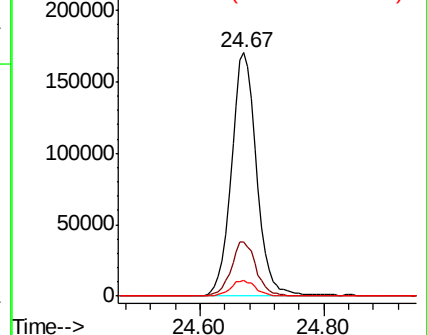
125 6.5 5.4 8.2

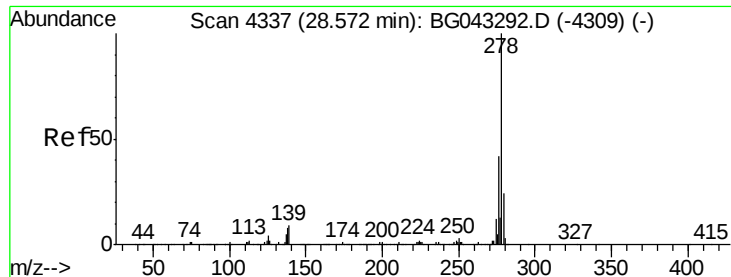


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

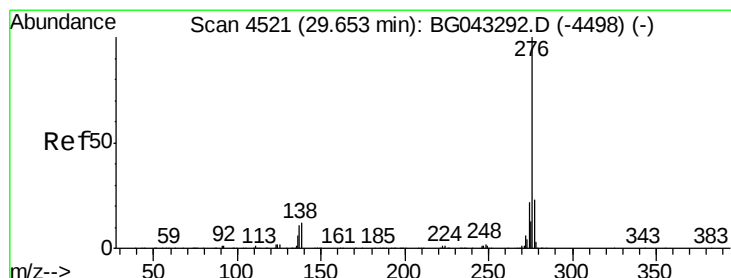
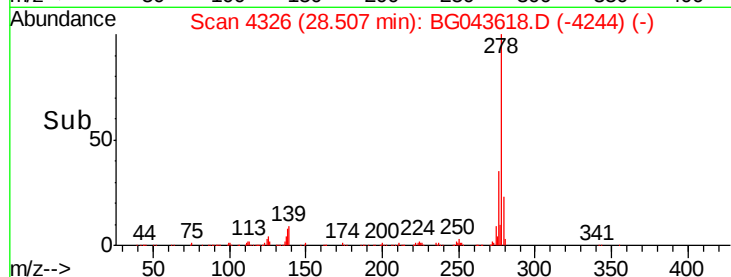
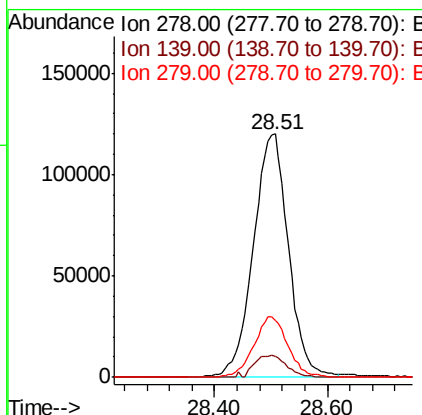
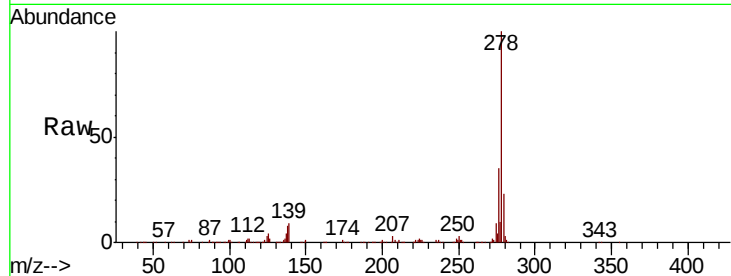




#91
Dibenzo(a,h)anthracene
Concen: 43.553 ng
RT: 28.51 min Scan# 4326
Delta R.T. -0.05 min
Lab File: BG043618.D
Acq: 13 Nov 2019 18:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.8	7.4	11.0
279	23.4	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 44.660 ng
RT: 29.58 min Scan# 4509
Delta R.T. -0.05 min
Lab File: BG043618.D
Acq: 13 Nov 2019 18:41

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.1	18.9	28.3
138	12.4	8.9	13.3

