

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111319\
 Data File : BG043615.D
 Acq On : 13 Nov 2019 16:44
 Operator : JU
 Sample : PB124718BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 14 01:41:19 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	25976	20.00	ng	-0.01
21) Naphthalene-d8	10.80	136	101766	20.00	ng	-0.02
39) Acenaphthene-d10	14.63	164	73231	20.00	ng	-0.01
64) Phenanthrene-d10	17.37	188	169916	20.00	ng	-0.02
76) Chrysene-d12	21.64	240	190161	20.00	ng	-0.02
87) Perylene-d12	24.82	264	215812	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	169702	119.71	ng	0.00
7) Phenol-d6	7.20	99	224996	110.32	ng	0.00
23) Nitrobenzene-d5	9.16	82	118118	59.84	ng	-0.02
42) 2,4,6-Tribromophenol	16.12	330	137430	98.62	ng	-0.01
45) 2-Fluorobiphenyl	13.25	172	319181	60.23	ng	-0.02
79) Terphenyl-d14	19.98	244	626652	61.82	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.46	88	19347	35.023	ng	95
3) Pyridine	3.86	79	46375	33.280	ng	94
4) n-Nitrosodimethylamine	3.78	42	28498	40.528	ng	# 87
6) Aniline	7.33	93	67674	28.804	ng	96
8) 2-Chlorophenol	7.58	128	67433	43.093	ng	98
9) Benzaldehyde	7.14	77	36301	36.217	ng	92
10) Phenol	7.23	94	81878	43.933	ng	98
11) bis(2-Chloroethyl)ether	7.41	93	50399	34.977	ng	99
12) 1,3-Dichlorobenzene	7.88	146	74038	37.763	ng	94
13) 1,4-Dichlorobenzene	8.03	146	74220	37.416	ng	98
14) 1,2-Dichlorobenzene	8.35	146	73579	37.990	ng	96
15) Benzyl Alcohol	8.25	79	58396	40.769	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	73456	35.059	ng	94
17) 2-Methylphenol	8.47	107	57132	42.051	ng	92
18) Hexachloroethane	9.08	117	27952	39.057	ng	92
19) n-Nitroso-di-n-propylamine	8.80	70	47521	36.058	ng	# 90
20) 3+4-Methylphenols	8.47	107	57132	30.666	ng	80
22) Acetophenone	8.82	105	94395	36.220	ng	# 94
24) Nitrobenzene	9.20	77	72724	38.675	ng	# 96
25) Isophorone	9.72	82	136418	37.800	ng	97
26) 2-Nitrophenol	9.92	139	39125	43.097	ng	# 94
27) 2,4-Dimethylphenol	9.99	122	63351	48.688	ng	98
28) bis(2-Chloroethoxy)methane	10.21	93	75018	37.663	ng	98
29) 2,4-Dichlorophenol	10.48	162	71667	42.988	ng	92
30) 1,2,4-Trichlorobenzene	10.66	180	78695	37.452	ng	88
31) Naphthalene	10.85	128	207243	40.120	ng	99
32) Benzoic acid	10.16	122	27872	31.814	ng	94
33) 4-Chloroaniline	10.98	127	54465	25.722	ng	97
34) Hexachlorobutadiene	11.13	225	56143	36.145	ng	98
35) Caprolactam	11.74	113	21019	36.607	ng	# 80
36) 4-Chloro-3-methylphenol	12.12	107	74053	40.722	ng	91
37) 2-Methylnaphthalene	12.46	142	157742	39.799	ng	99
38) 1-Methylnaphthalene	12.67	142	151132	40.076	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	101600	37.488	ng	99

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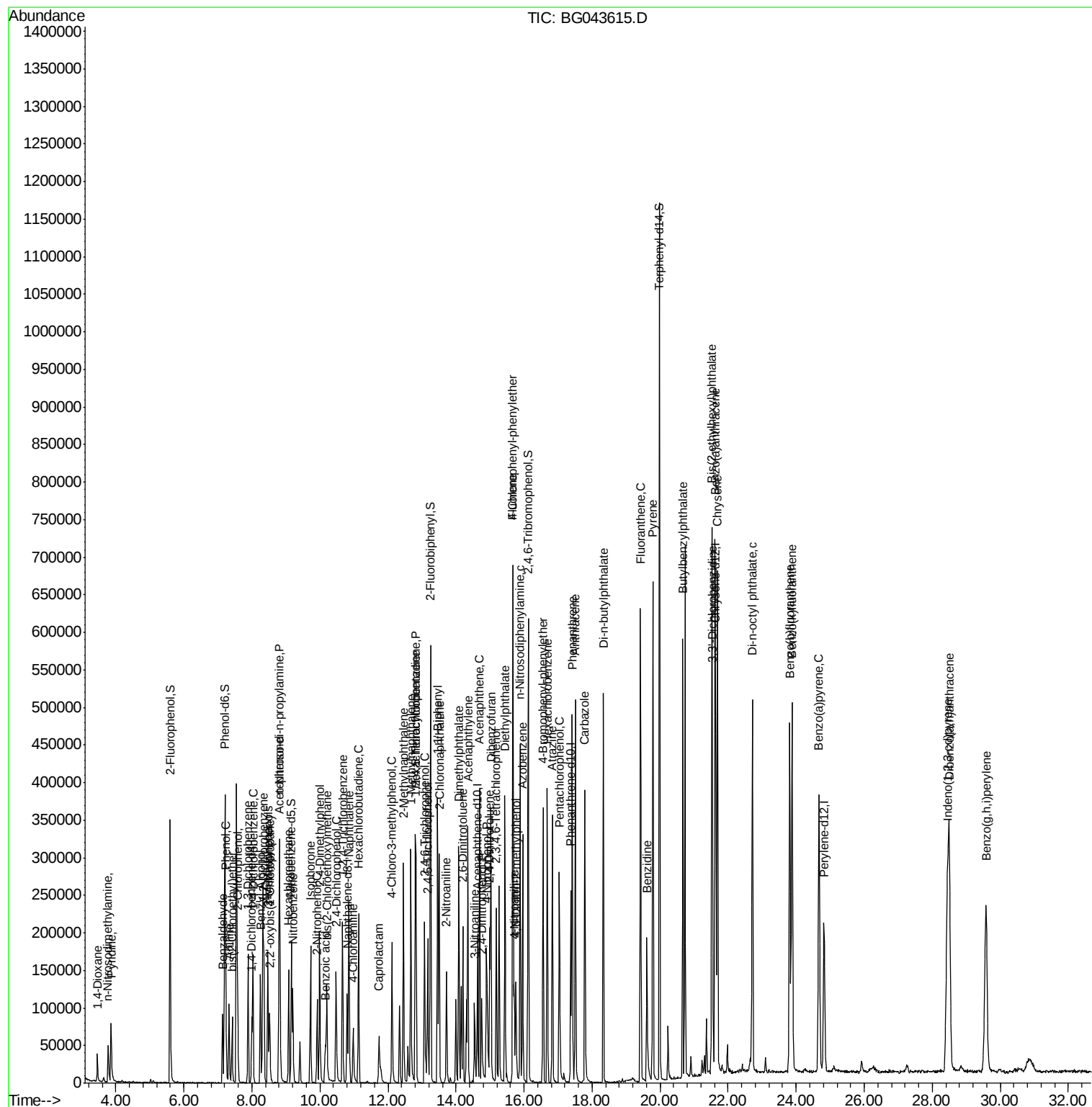
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	79687	55.973	nq	98
43) 2,4,6-Trichlorophenol	13.08	196	63099	39.535	nq	98
44) 2,4,5-Trichlorophenol	13.17	196	67968	42.123	nq	96
46) 1,1'-Biphenyl	13.46	154	210095	37.712	nq	99
47) 2-Chloronaphthalene	13.51	162	159479	37.623	nq	99
48) 2-Nitroaniline	13.72	65	49399	38.992	nq	93
49) Acenaphthylene	14.35	152	259443	39.327	nq	100
50) Dimethylphthalate	14.08	163	210889	37.179	nq	97
51) 2,6-Dinitrotoluene	14.21	165	47800	38.790	nq	94
52) Acenaphthene	14.69	154	154898	38.502	nq	93
53) 3-Nitroaniline	14.55	138	33557	28.205	nq	# 94
54) 2,4-Dinitrophenol	14.75	184	39357	53.773	nq	97
55) Dibenzofuran	15.03	168	256659	39.340	nq	98
56) 4-Nitrophenol	14.89	139	60294	75.624	nq	93
57) 2,4-Dinitrotoluene	14.99	165	69011	39.187	nq	# 92
58) Fluorene	15.68	166	213242	38.970	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.18	232	60819	35.477	nq	95
60) Diethylphthalate	15.44	149	209990	36.844	nq	98
61) 4-Chlorophenyl-phenylether	15.66	204	120389	37.714	nq	97
62) 4-Nitroaniline	15.71	138	45410	36.958	nq	97
63) Azobenzene	15.96	77	178286	38.652	nq	97
65) 4,6-Dinitro-2-methylphenol	15.76	198	37400	37.402	nq	92
66) n-Nitrosodiphenylamine	15.88	169	187222	39.028	nq	96
67) 4-Bromophenyl-phenylether	16.56	248	84997	37.170	nq	92
68) Hexachlorobenzene	16.69	284	94362	35.950	nq	99
69) Atrazine	16.83	200	80477	48.279	nq	98
70) Pentachlorophenol	17.04	266	68903	57.609	nq	97
71) Phenanthrene	17.41	178	338988	38.960	nq	99
72) Anthracene	17.51	178	349494	40.146	nq	99
73) Carbazole	17.79	167	318338	40.380	nq	97
74) Di-n-butylphthalate	18.33	149	372455	38.937	nq	99
75) Fluoranthene	19.42	202	453631	39.991	nq	99
77) Benzidine	19.61	184	171967	44.935	nq	99
78) Pyrene	19.79	202	464293	39.445	nq	100
80) Butylbenzylphthalate	20.67	149	174983	39.239	nq	97
81) Benzo(a)anthracene	21.62	228	475548	39.923	nq	99
82) 3,3'-Dichlorobenzidine	21.54	252	159298	34.576	nq	99
83) Chrysene	21.69	228	464582	39.255	nq	99
84) Bis(2-ethylhexyl)phthalate	21.52	149	253872	40.076	nq	99
85) Di-n-octyl phthalate	22.71	149	442360	41.160	nq	97
86) Indeno(1,2,3-cd)pyrene	28.44	276	600680	40.434	nq	98
88) Benzo(b)fluoranthene	23.81	252	496141	40.591	nq	99
89) Benzo(k)fluoranthene	23.88	252	521689	42.397	nq	98
90) Benzo(a)pyrene	24.67	252	470839	40.339	nq	100
91) Dibenzo(a,h)anthracene	28.50	278	505268	42.322	nq	99
92) Benzo(g,h,i)perylene	29.58	276	505569	42.931	nq	97

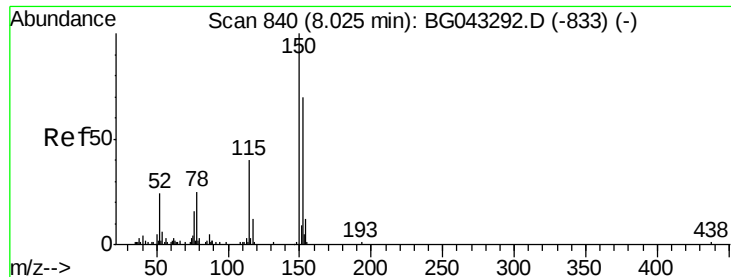
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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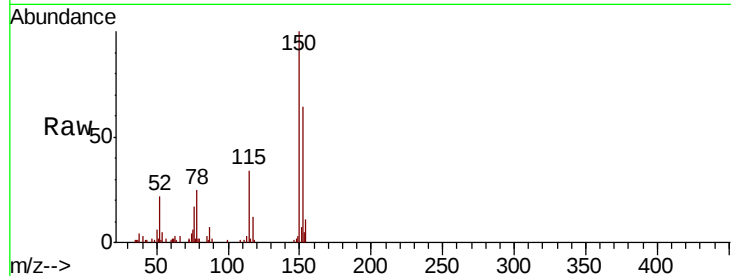


#1

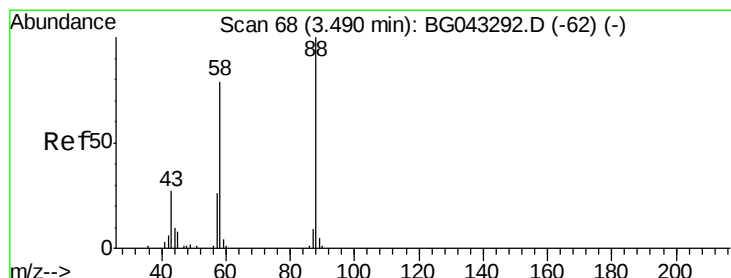
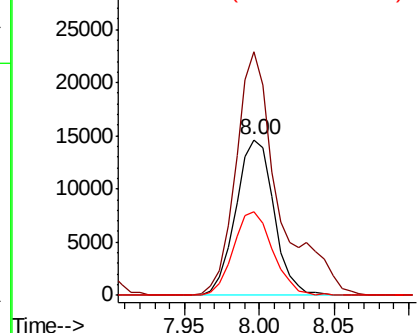
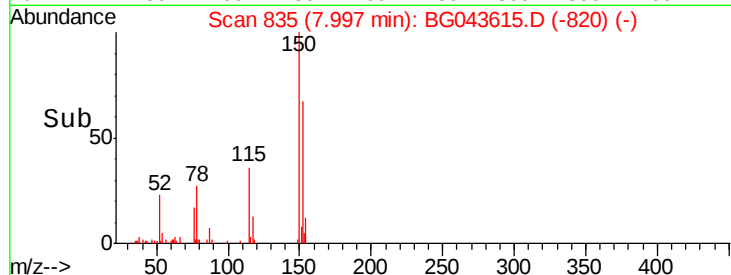
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 25976
Ion Ratio Lower Upper
152 100
150 156.7 129.4 194.0
115 53.7 48.8 73.2



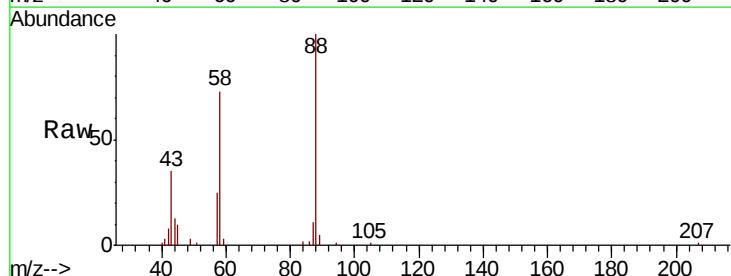
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



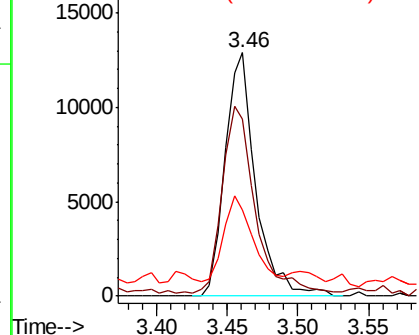
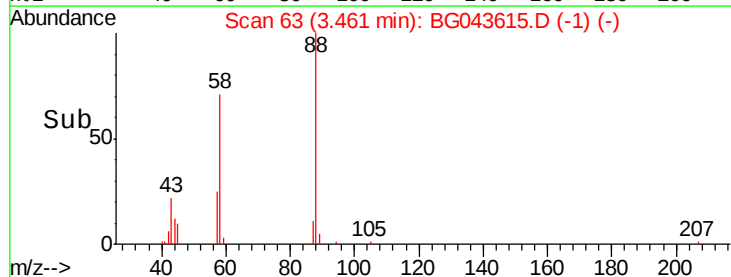
#2

1,4-Dioxane
Concen: 35.023 ng
RT: 3.46 min Scan# 63
Delta R.T. -0.01 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Tgt Ion: 88 Resp: 19347
Ion Ratio Lower Upper
88 100
58 81.1 62.7 94.1
43 34.2 23.7 35.5



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





#3

Pvridine

Concen: 33.280 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.02 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

Instrument :

BNA_G

ClientSampleId :

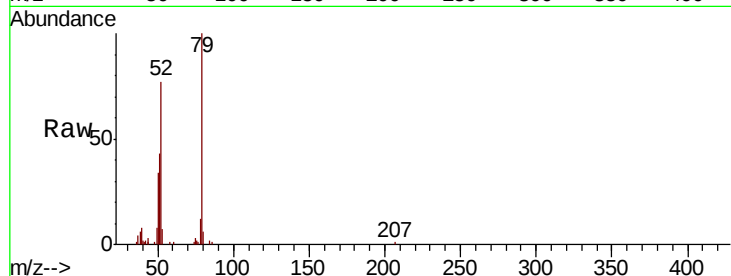
Tot Ion: 79 Resp: 46375

Ion Ratio Lower Upper

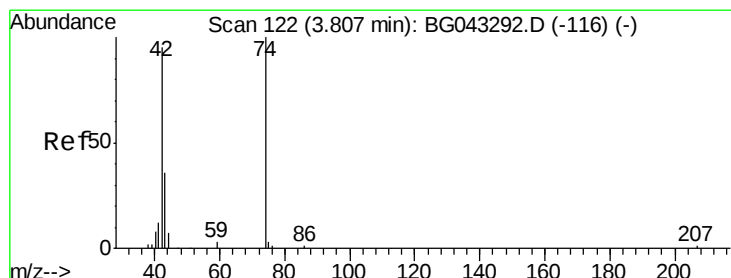
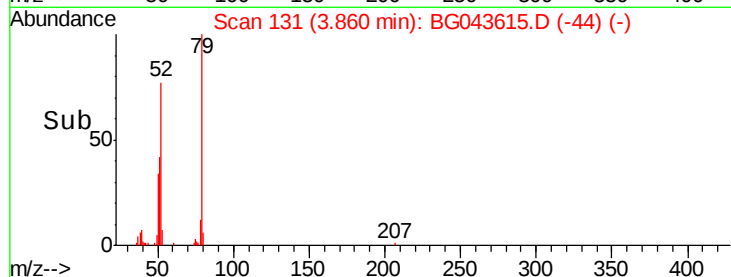
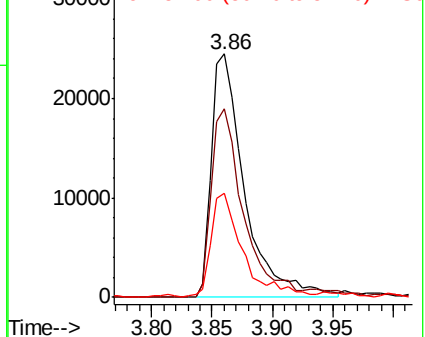
79 100

52 77.2 56.5 84.7

51 42.9 33.2 49.8



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



#4

n-Nitrosodimethylamine

Concen: 40.528 ng

RT: 3.78 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

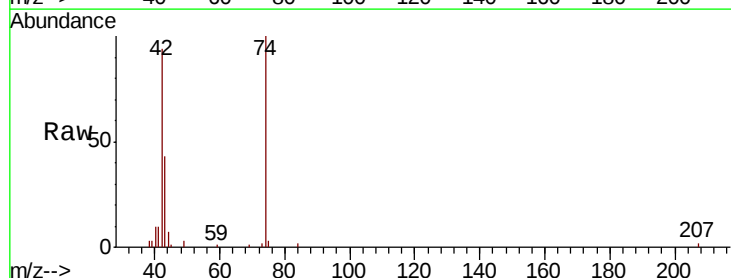
Tgt Ion: 42 Resp: 28498

Ion Ratio Lower Upper

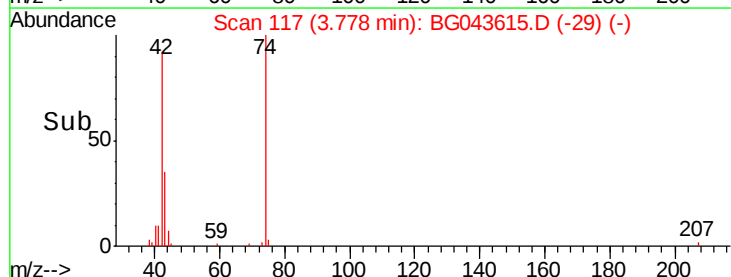
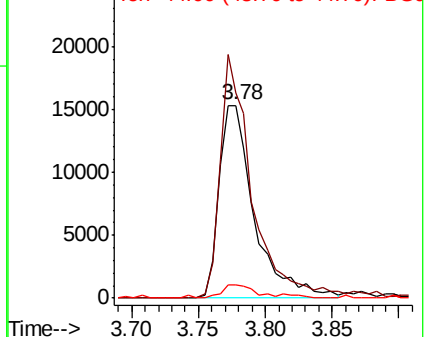
42 100

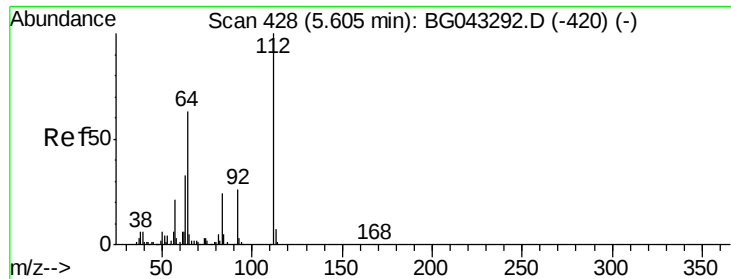
74 106.5 97.3 145.9

44 7.2 4.4 6.6#



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





#5

2-Fluorophenol

Concen: 119.714 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.01 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

Instrument :

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ClientSampleId :

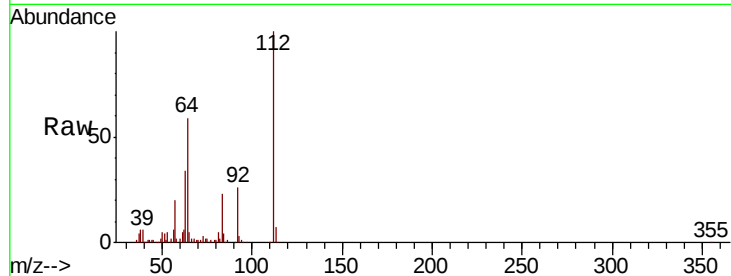
Tot Ion:112 Resp: 169702

Ion Ratio Lower Upper

112 100

64 59.5 50.0 75.0

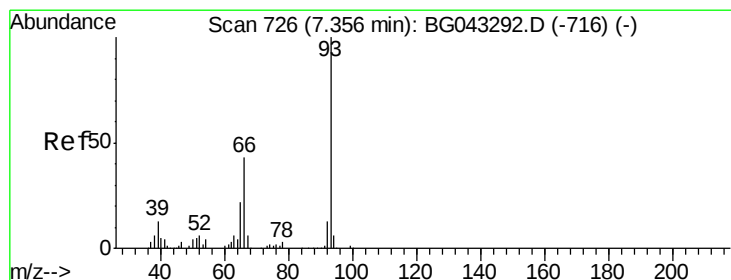
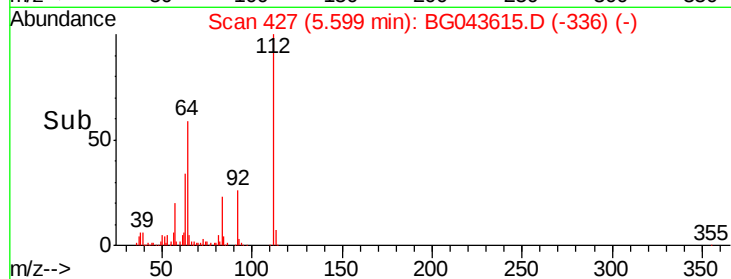
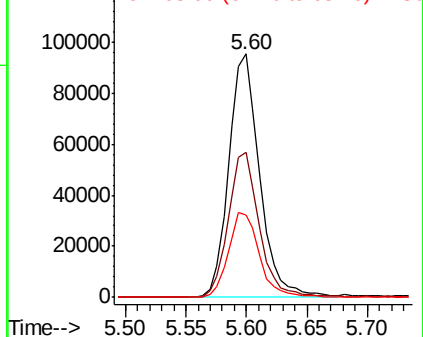
63 33.6 26.6 40.0



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: 28.804 ng

RT: 7.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

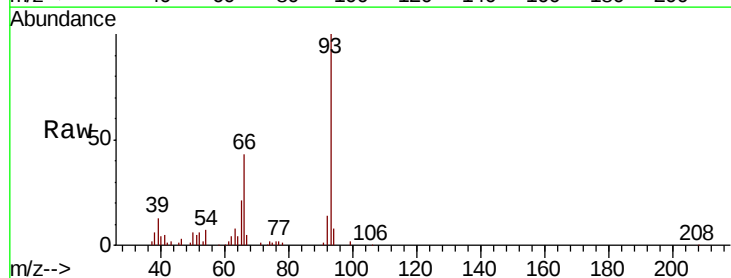
Tgt Ion: 93 Resp: 67674

Ion Ratio Lower Upper

93 100

66 43.1 32.3 48.5

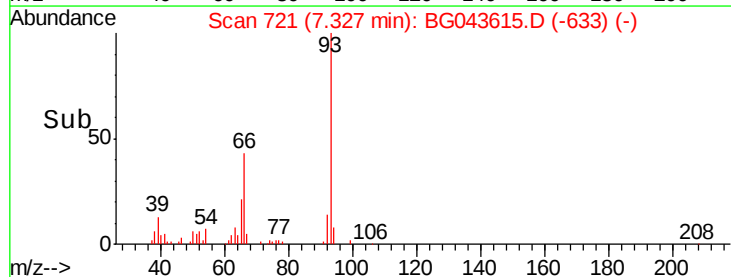
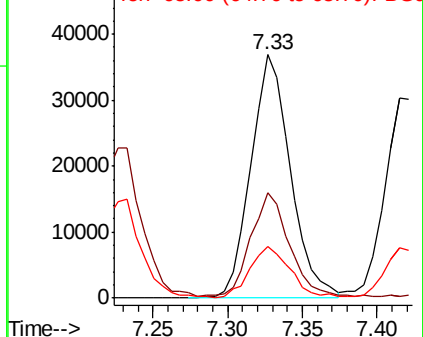
65 21.2 16.1 24.1

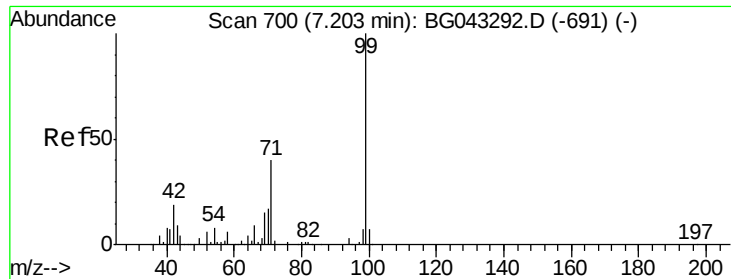


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 110.317 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG043615.D

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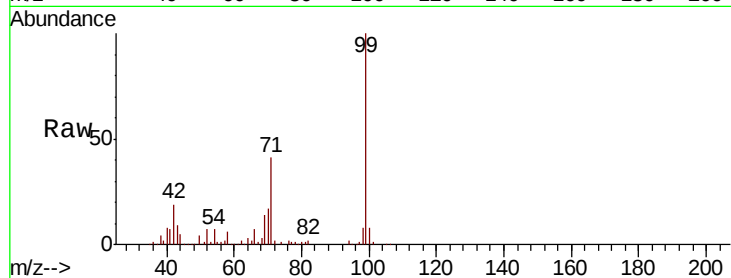
Tot Ion: 99 Resp: 224996

Ion Ratio Lower Upper

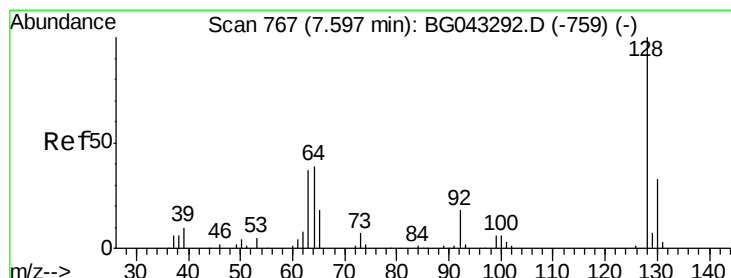
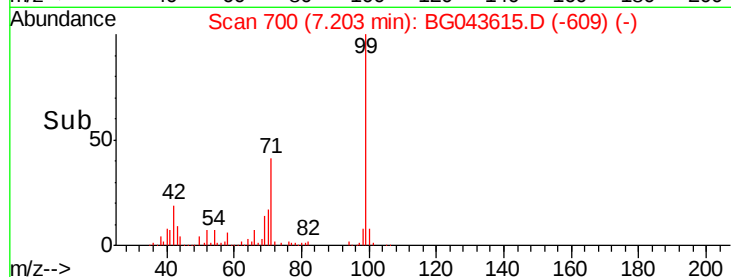
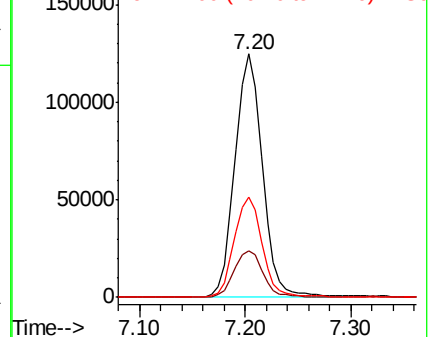
99 100

42 19.2 14.6 21.8

71 41.2 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: 43.093 ng

RT: 7.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

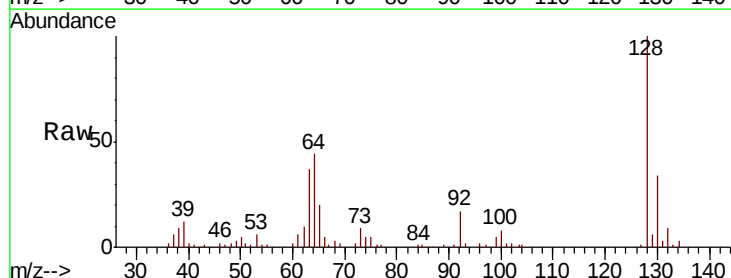
Tgt Ion: 128 Resp: 67433

Ion Ratio Lower Upper

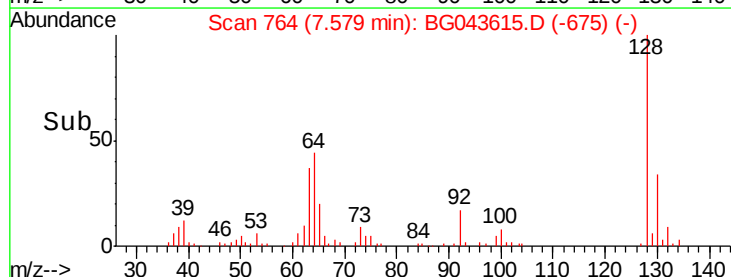
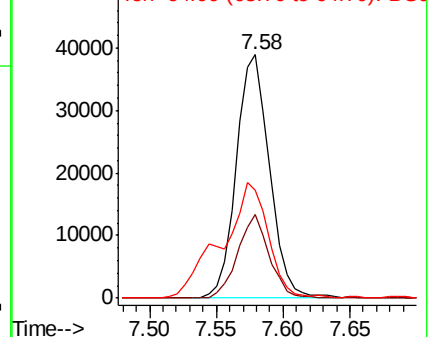
128 100

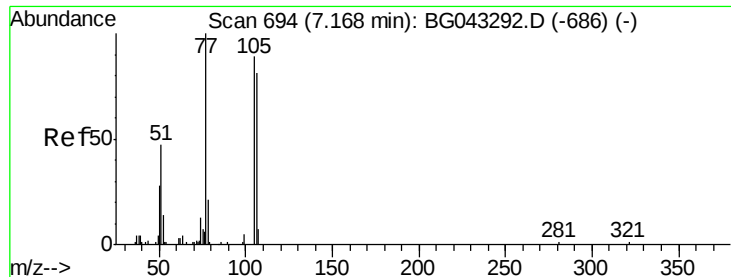
130 34.1 12.5 52.5

64 44.5 25.3 65.3



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





#9

Benzaldehyde

Concen: 36.217 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

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ClientSampleId :

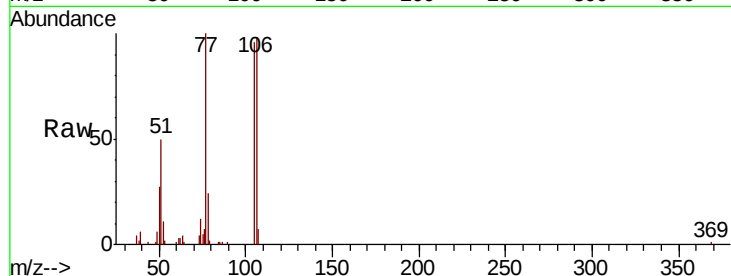
Tot Ion: 77 Resp: 36301

Ion Ratio Lower Upper

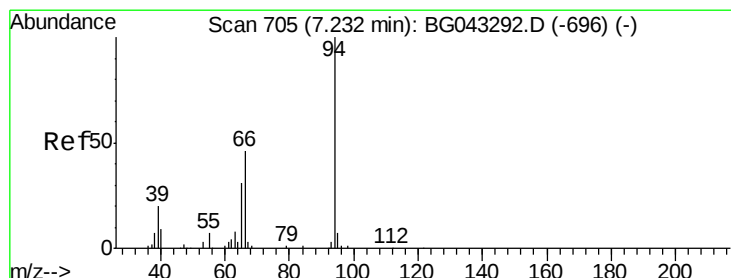
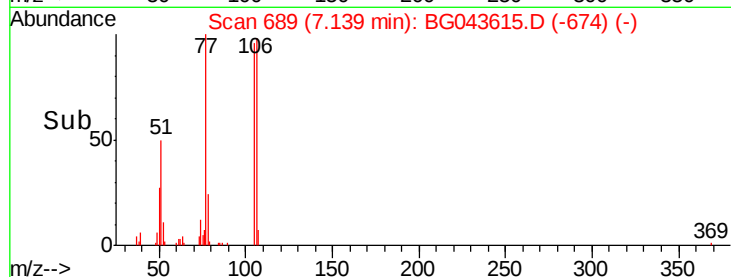
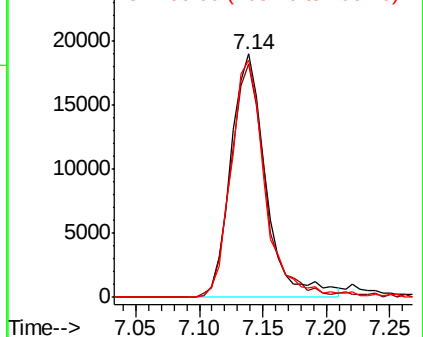
77 100

105 95.6 68.6 108.6

106 97.5 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: 43.933 ng

RT: 7.23 min Scan# 704

Delta R.T. 0.01 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

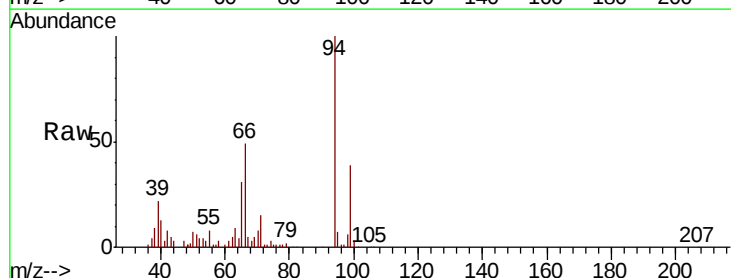
Tgt Ion: 94 Resp: 81878

Ion Ratio Lower Upper

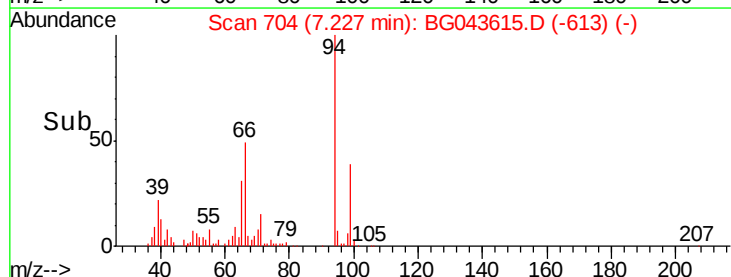
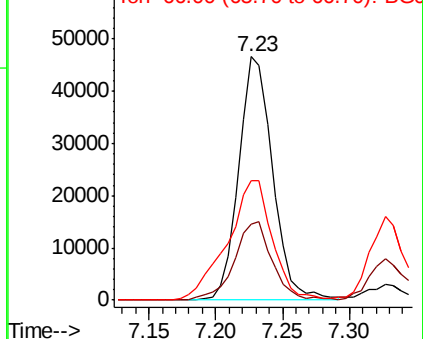
94 100

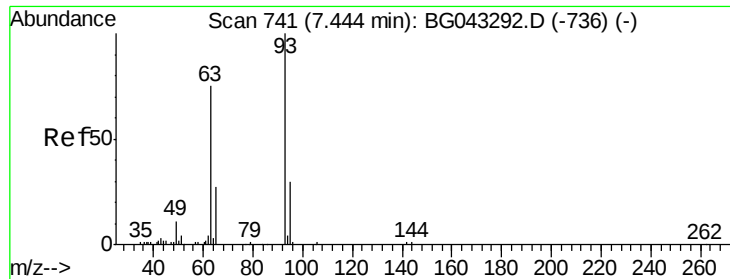
65 31.3 12.6 52.6

66 49.0 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

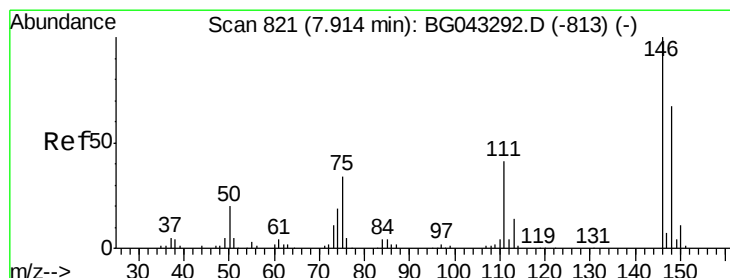
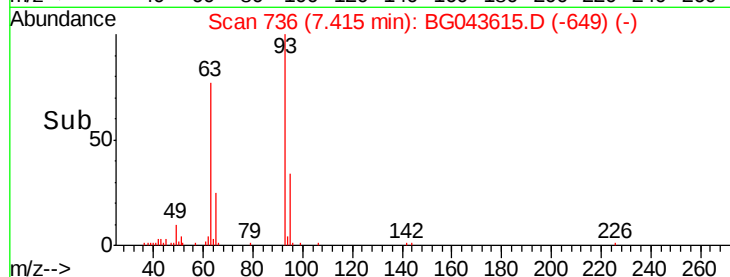
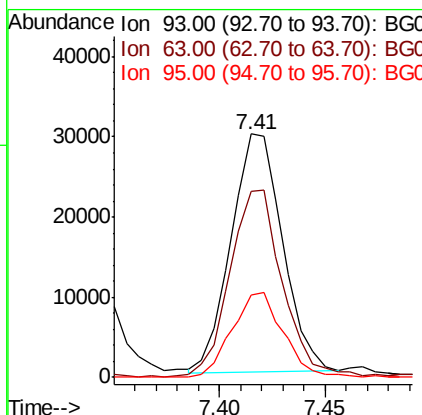
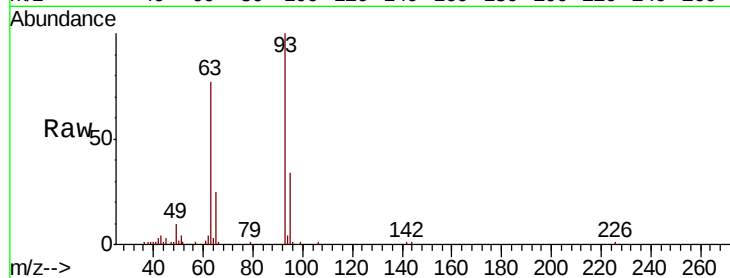




#11
bis(2-Chloroethyl)ether
Concen: 34.977 ng
RT: 7.41 min Scan# 736
Delta R.T. -0.02 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

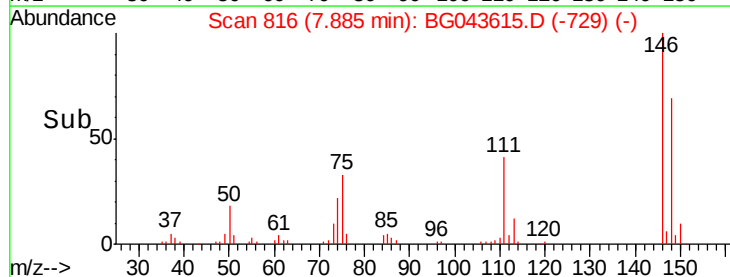
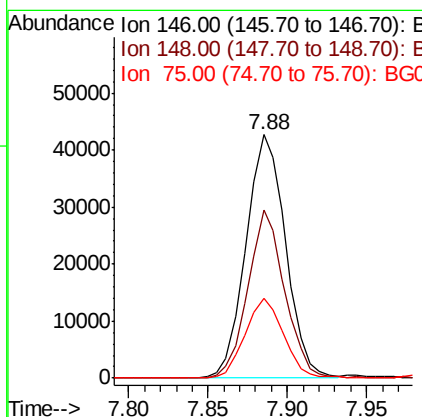
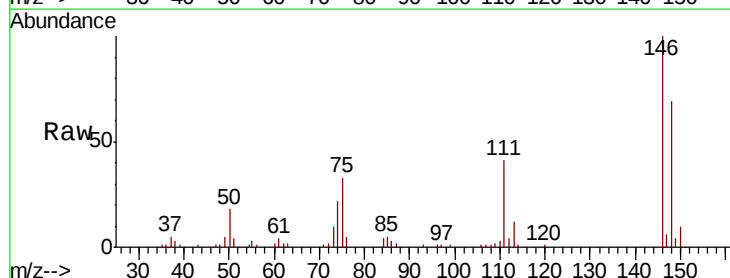
Instrument :
BNA_G
ClientSampleId :

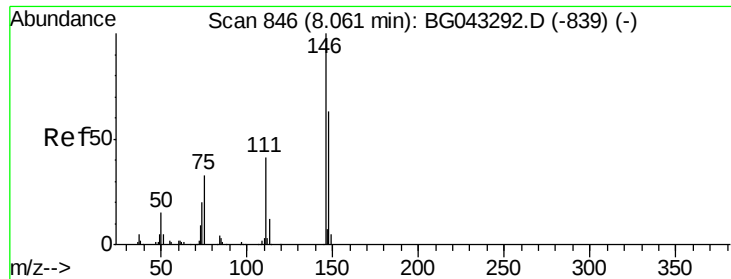
Tot Ion	93.00	Resp	50399
Ion	Ratio	Lower	Upper
93	100		
63	76.6	56.3	96.3
95	34.0	12.2	52.2



#12
1,3-Dichlorobenzene
Concen: 37.763 ng
RT: 7.88 min Scan# 816
Delta R.T. -0.02 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Tgt Ion	146	Resp	74038
Ion	Ratio	Lower	Upper
146	100		
148	68.9	50.3	75.5
75	32.7	24.6	37.0

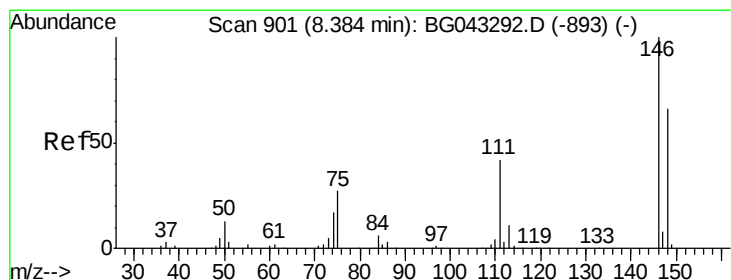
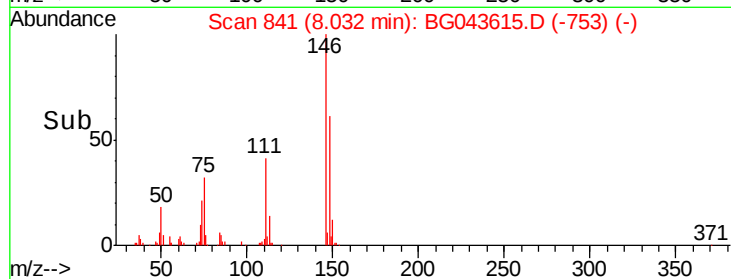
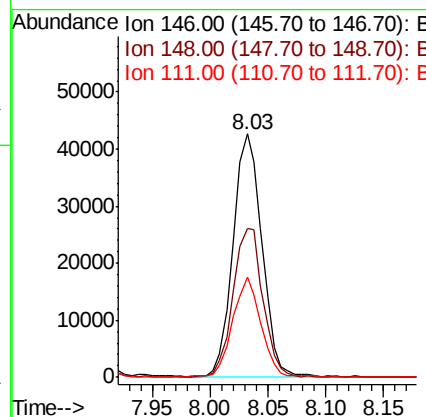
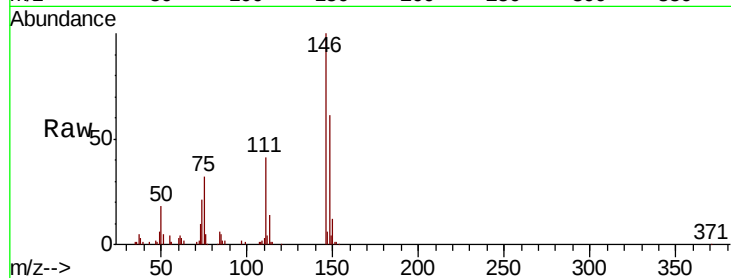




#13
 1,4-Dichlorobenzene
 Concen: 37.416 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BG043615.D
 Acq: 13 Nov 2019 16:44

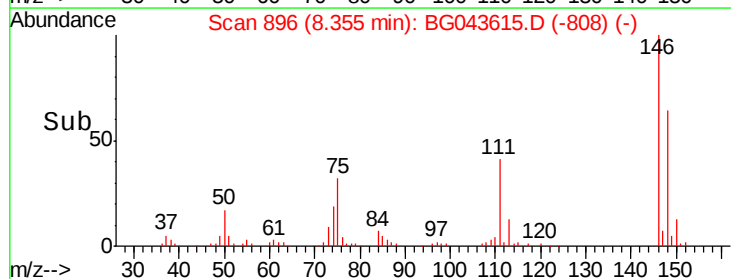
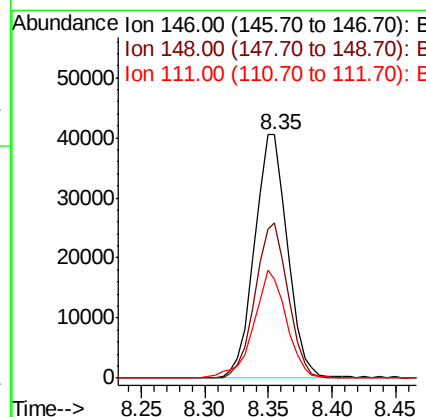
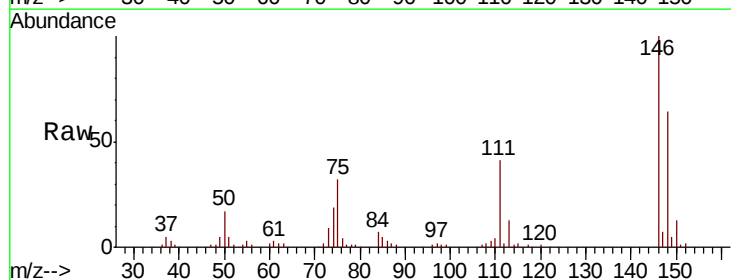
Instrument :
 BNA_G
 ClientSampled :

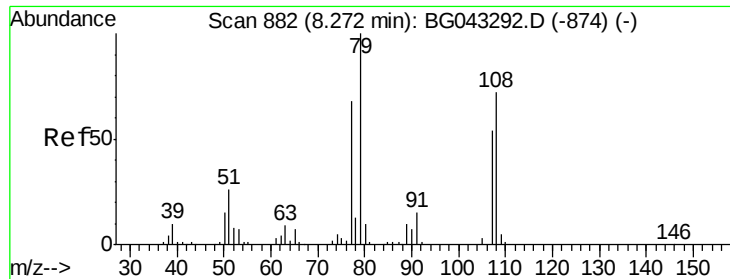
Tot Ion:146 Resp: 74220
 Ion Ratio Lower Upper
 146 100
 148 61.4 50.7 76.1
 111 41.2 33.4 50.2



#14
 1,2-Dichlorobenzene
 Concen: 37.990 ng
 RT: 8.35 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG043615.D
 Acq: 13 Nov 2019 16:44

Tgt Ion:146 Resp: 73579
 Ion Ratio Lower Upper
 146 100
 148 63.9 53.2 79.8
 111 40.8 35.8 53.6





#15

Benzyl Alcohol

Concen: 40.769 ng

RT: 8.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

Instrument :

BNA_G

ClientSampleId :

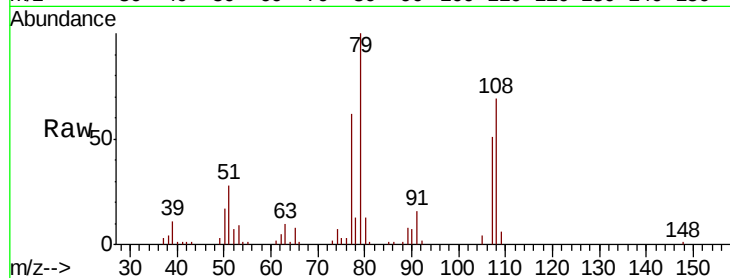
Tot Ion: 79 Resp: 58396

Ion Ratio Lower Upper

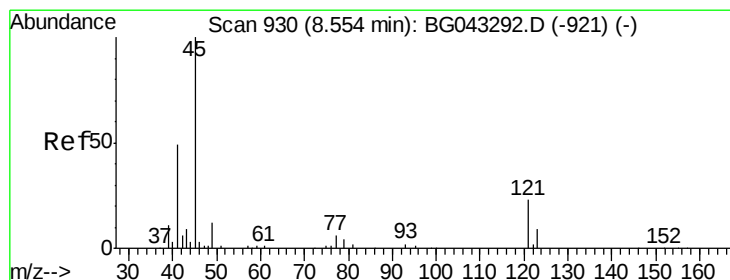
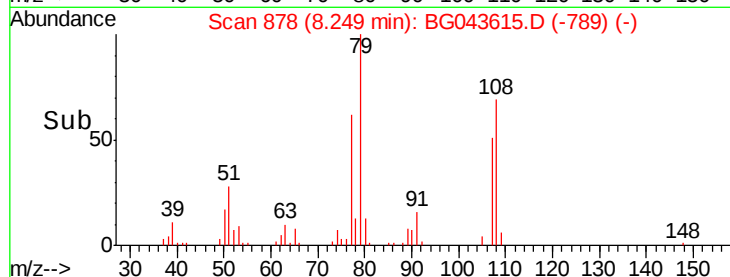
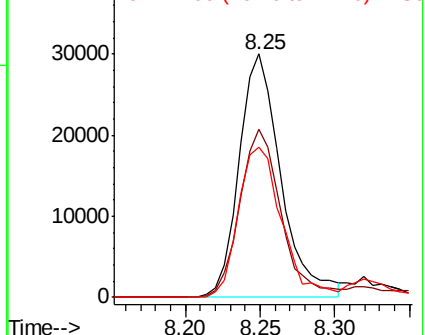
79 100

108 68.9 53.6 80.4

77 61.6 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: 35.059 ng

RT: 8.53 min Scan# 925

Delta R.T. -0.02 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

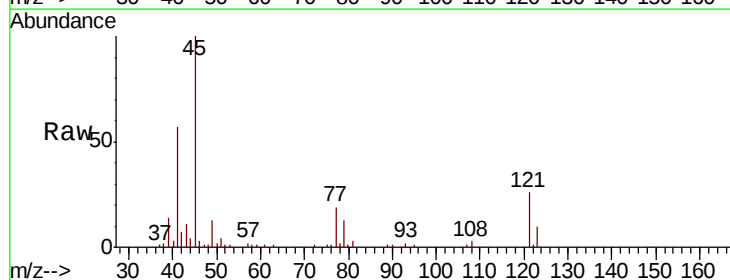
Tgt Ion: 45 Resp: 73456

Ion Ratio Lower Upper

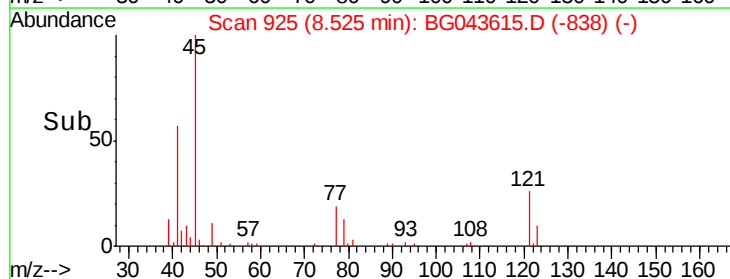
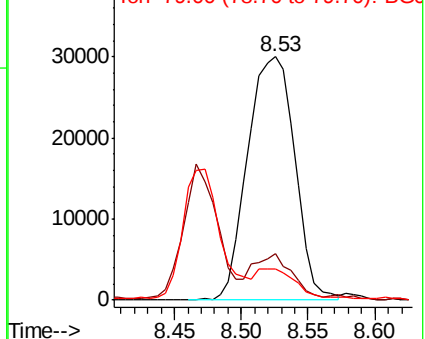
45 100

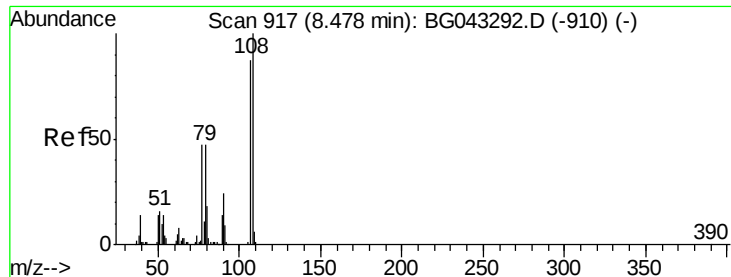
77 18.9 0.0 34.9

79 12.6 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: 42.051 ng

RT: 8.47 min Scan# 915

Delta R.T. 0.00 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 57132

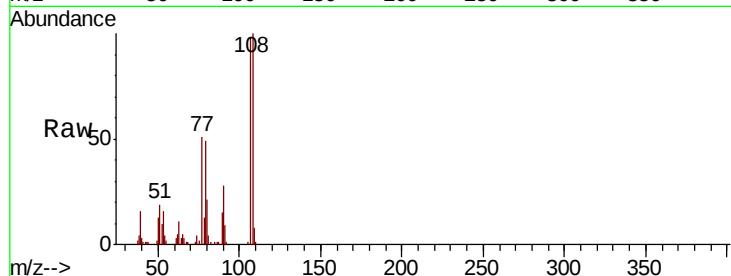
Ion Ratio Lower Upper

107 100

108 101.5 90.2 135.4

77 51.8 40.2 60.2

79 49.5 44.0 66.0

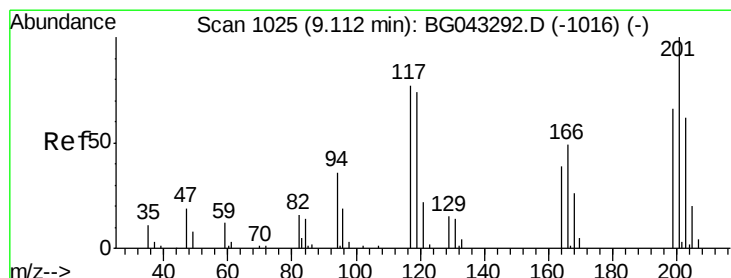
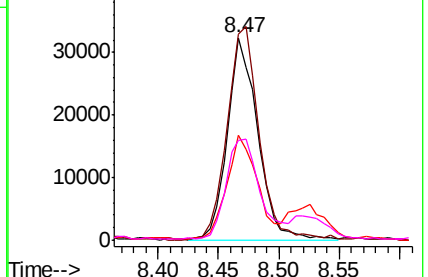
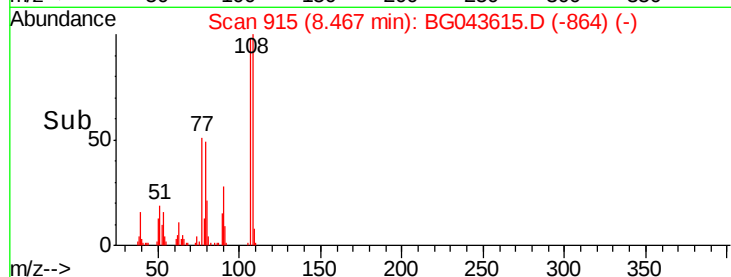


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.057 ng

RT: 9.08 min Scan# 1019

Delta R.T. -0.02 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

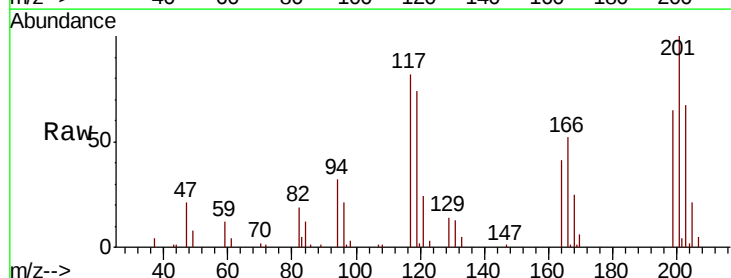
Tgt Ion:117 Resp: 27952

Ion Ratio Lower Upper

117 100

119 89.9 79.0 118.4

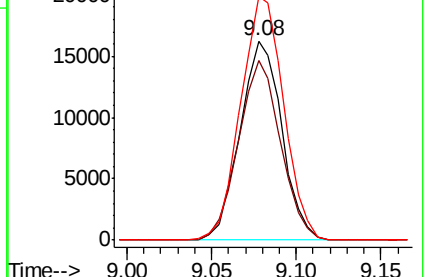
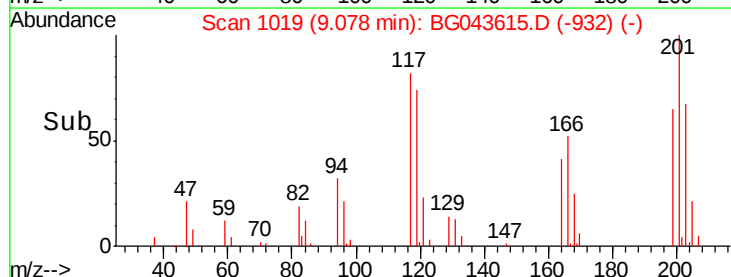
201 122.3 105.4 158.2

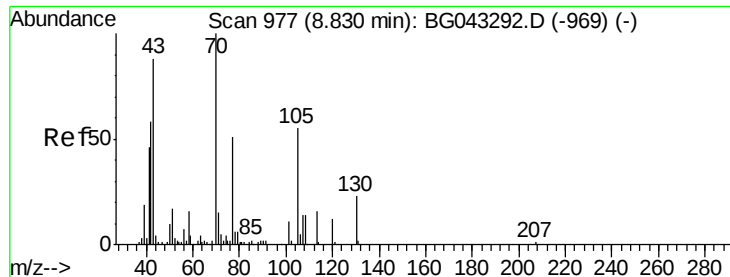


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

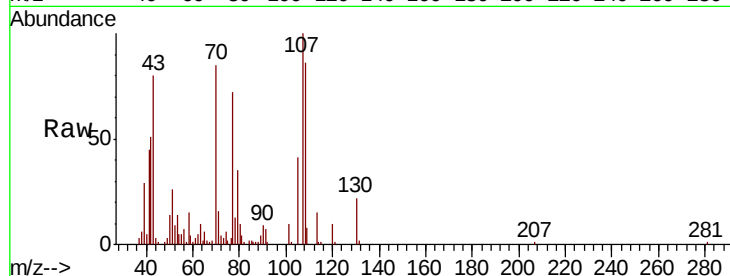




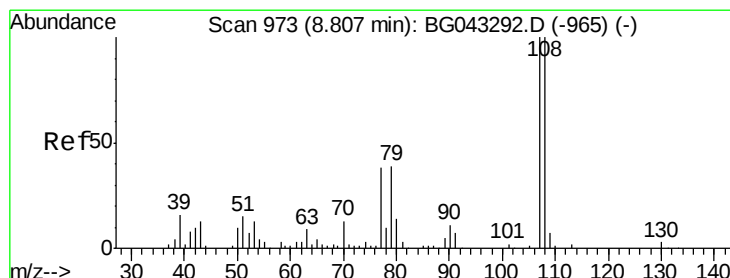
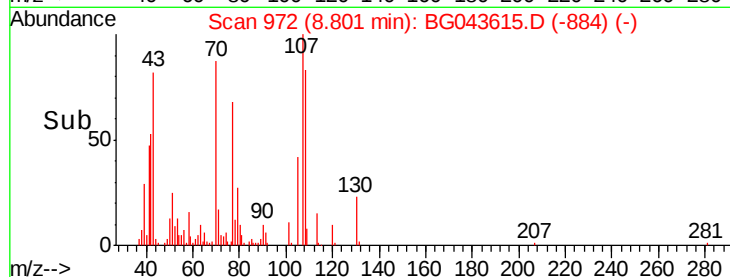
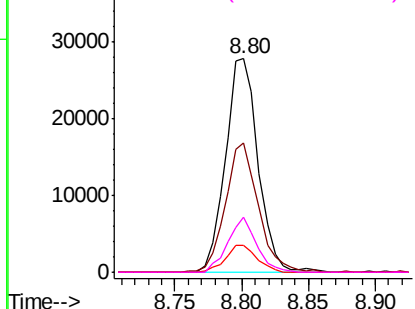
#19
n-Nitroso-di-n-propylamine
Concen: 36.058 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.01 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	47521
Ion	Ratio	Lower	Upper
70	100		
42	60.4	41.4	62.2
101	12.4	7.9	11.9#
130	26.1	19.0	28.4

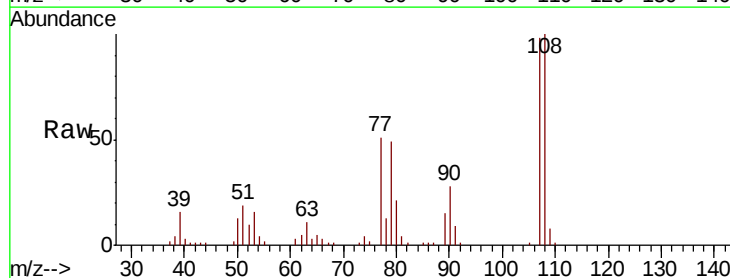


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

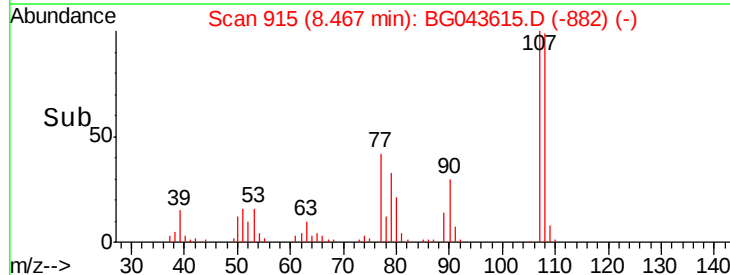
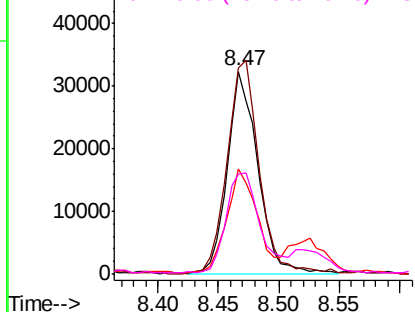


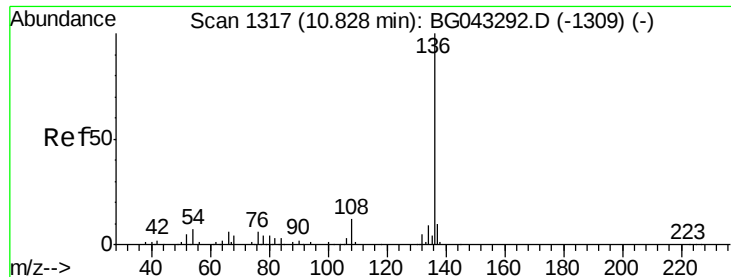
#20
3+4-Methylphenols
Concen: 30.666 ng
RT: 8.47 min Scan# 915
Delta R.T. -0.33 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Tgt Ion:	107	Resp:	57132
Ion	Ratio	Lower	Upper
107	100		
108	101.5	66.6	106.6
77	51.8	20.9	60.9
79	49.5	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: BG043615.D

Acq: 13 Nov 2019 16:44

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 101766

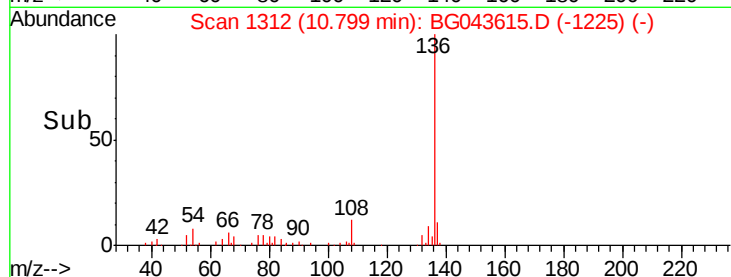
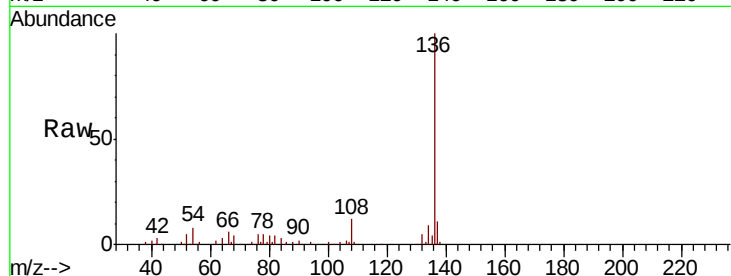
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 7.9 5.4 8.2

68 4.4 3.0 4.4

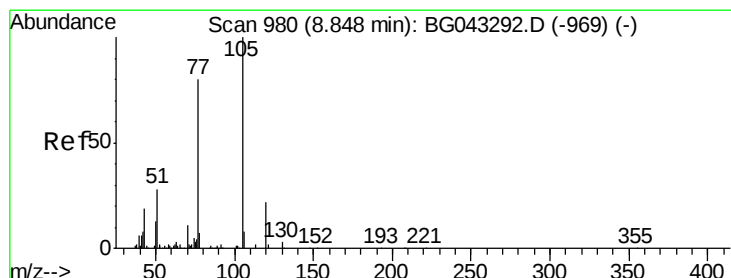
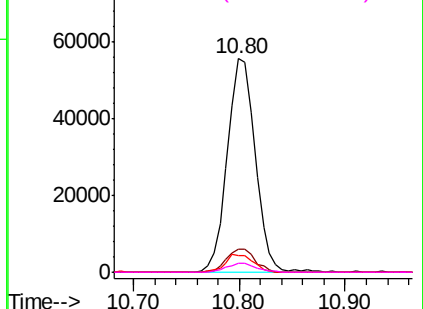


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 36.220 ng

RT: 8.82 min Scan# 975

Delta R.T. -0.02 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

Tgt Ion:105 Resp: 94395

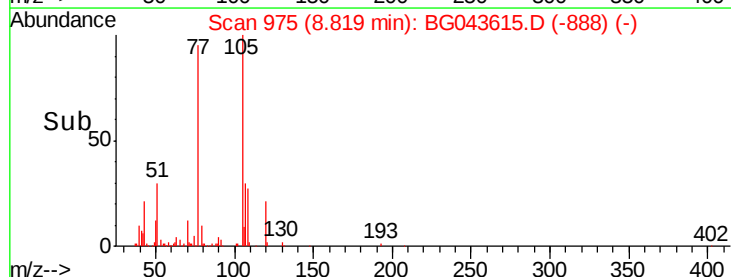
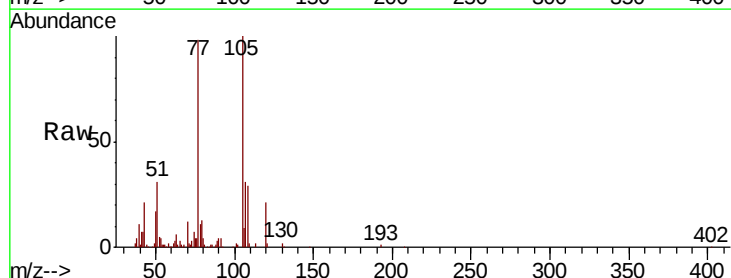
Ion Ratio Lower Upper

105 100

71 2.1 0.8 1.2#

51 31.1 21.0 31.4

120 21.1 18.0 27.0

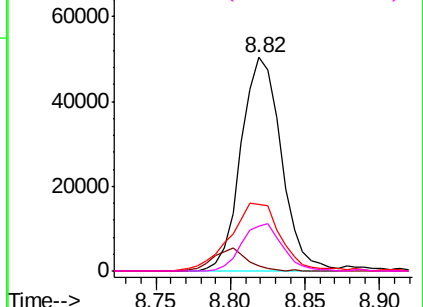


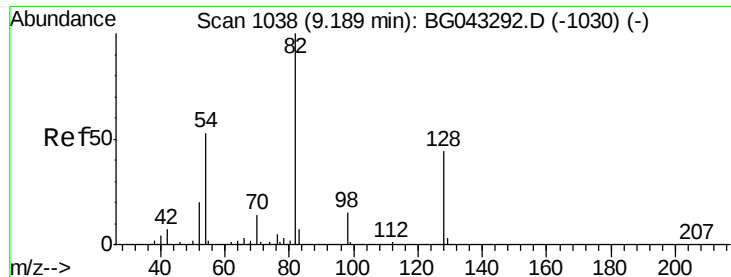
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

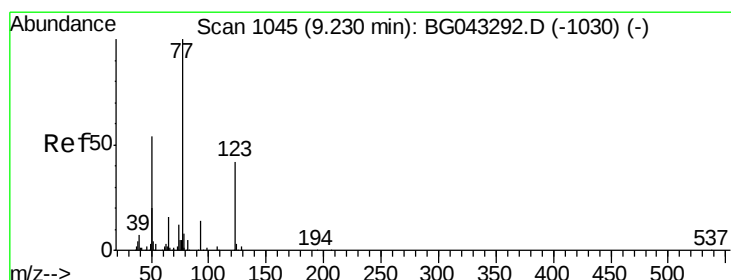
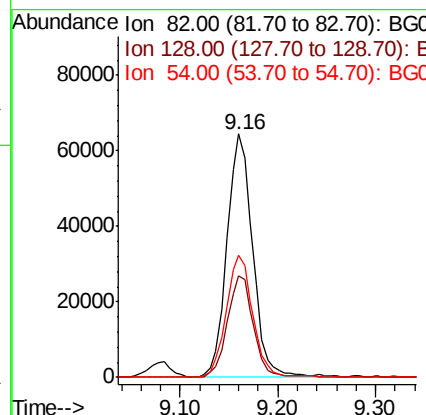
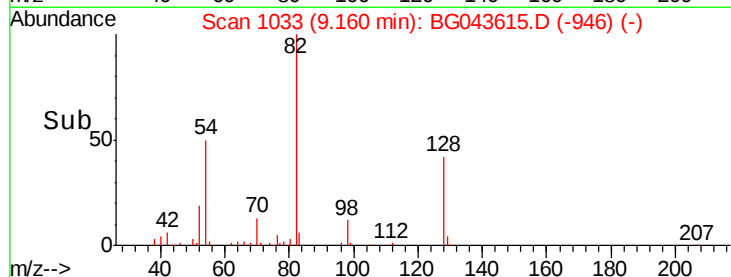
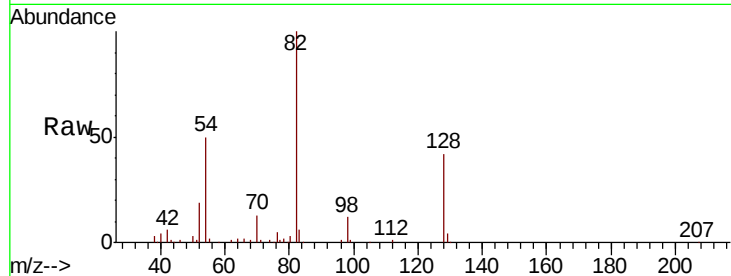




#23
 Nitrobenzene-d5
 Concen: 59.838 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.02 min
 Lab File: BG043615.D
 Acq: 13 Nov 2019 16:44

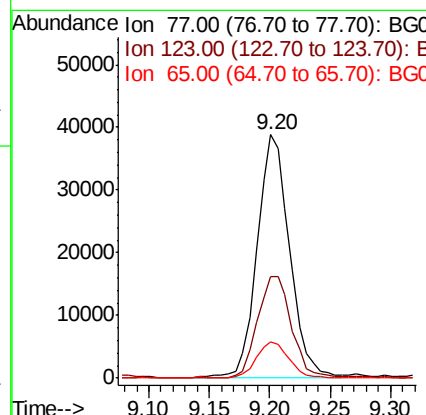
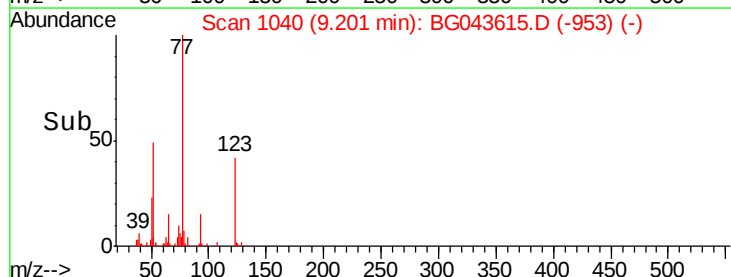
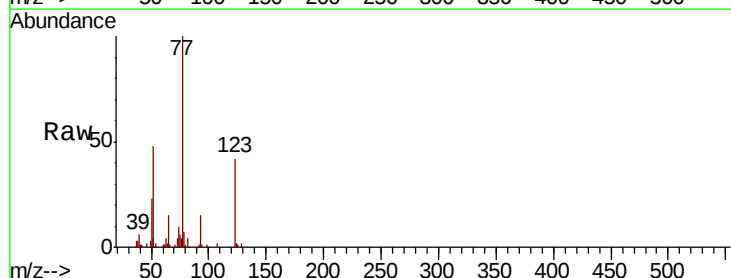
Instrument :
 BNA_G
 ClientSampleId :

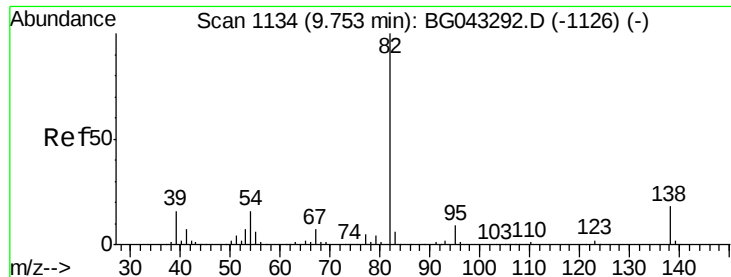
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.7	35.0	52.6
54	50.2	40.2	60.2



#24
 Nitrobenzene
 Concen: 38.675 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.02 min
 Lab File: BG043615.D
 Acq: 13 Nov 2019 16:44

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.7	35.0	52.6
65	15.1	9.5	14.3#





#25

Isophorone

Concen: 37.800 ng

RT: 9.72 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

Instrument :

BNA_G

ClientSampleId :

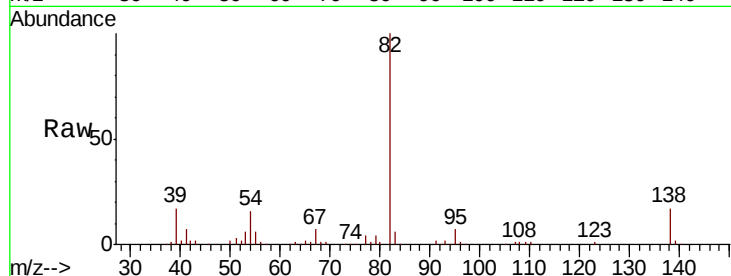
Tot Ion: 82 Resp: 136418

Ion Ratio Lower Upper

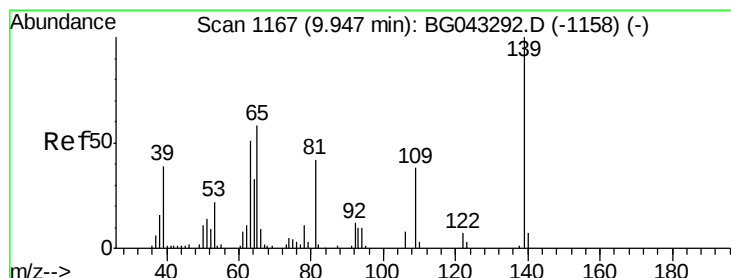
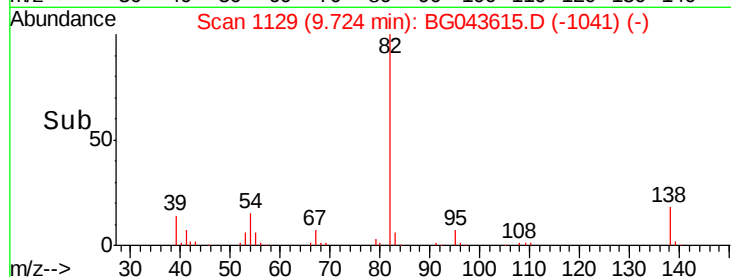
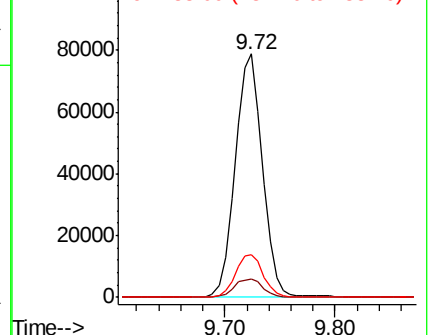
82 100

95 7.3 6.6 9.8

138 17.3 15.2 22.8



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



#26

2-Nitrophenol

Concen: 43.097 ng

RT: 9.92 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

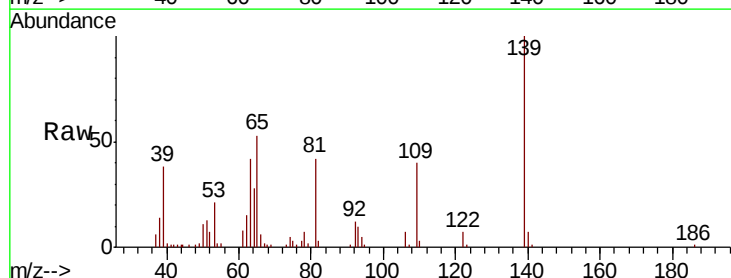
Tgt Ion: 139 Resp: 39125

Ion Ratio Lower Upper

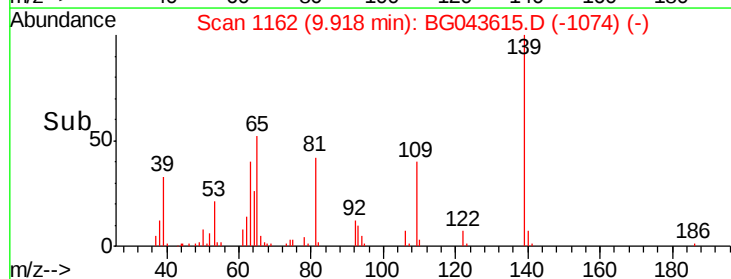
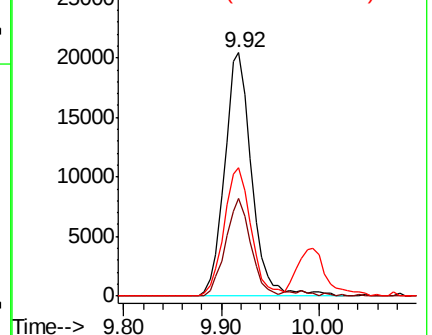
139 100

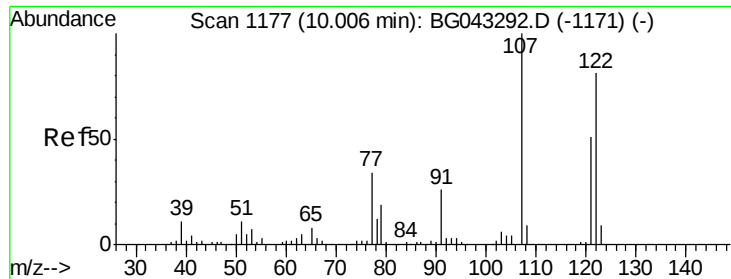
109 40.1 26.5 39.7#

65 52.9 43.8 65.8



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

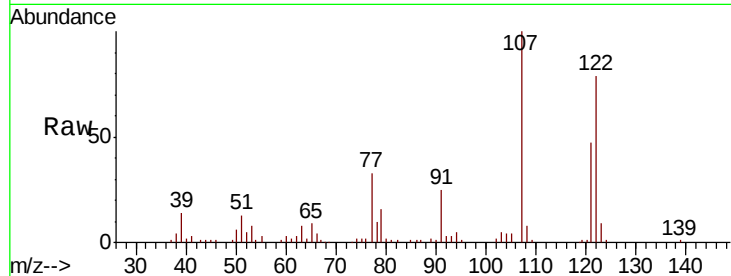




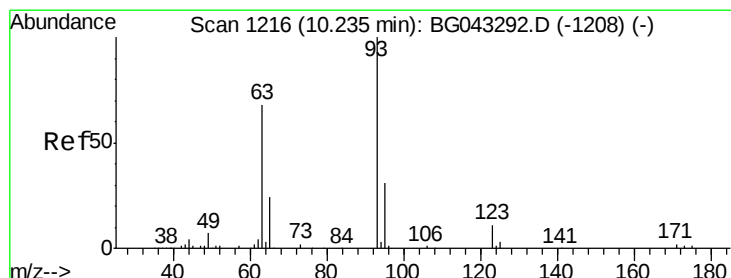
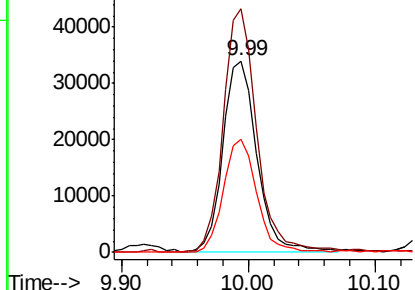
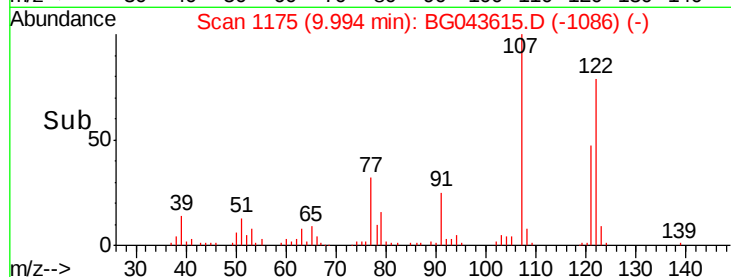
#27
2,4-Dimethylphenol
Concen: 48.688 ng
RT: 9.99 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Instrument :
BNA_G
ClientSampled :

Tot Ion:122 Resp: 63351
Ion Ratio Lower Upper
122 100
107 127.3 104.4 156.6
121 59.4 47.2 70.8

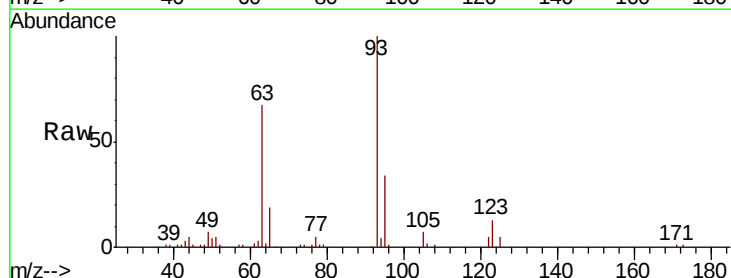


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

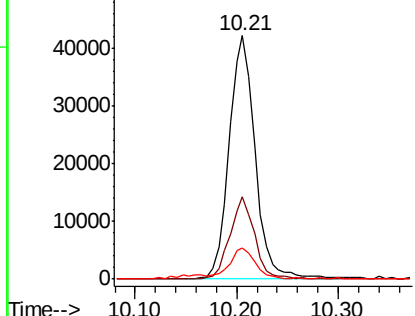
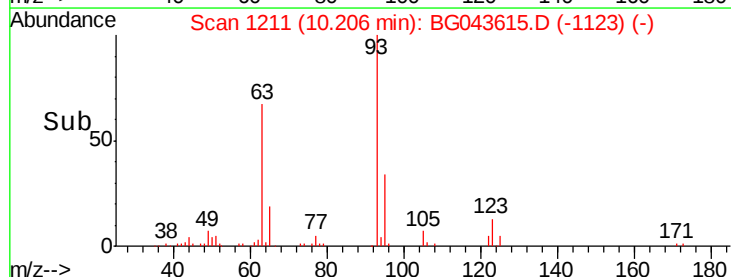


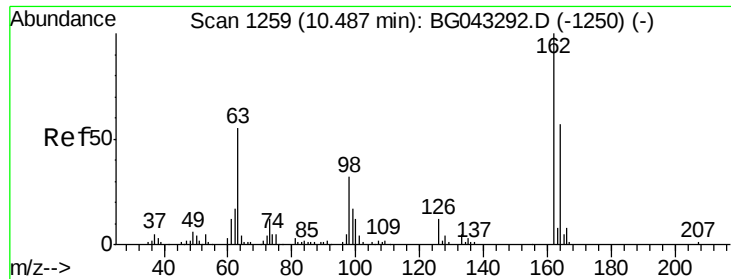
#28
bis(2-Chloroethoxy)methane
Concen: 37.663 ng
RT: 10.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Tgt Ion: 93 Resp: 75018
Ion Ratio Lower Upper
93 100
95 34.1 26.0 39.0
123 13.0 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: 42.988 ng

RT: 10.48 min Scan# 1257

Delta R.T. 0.00 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

Instrument :

BNA_G

ClientSampleId :

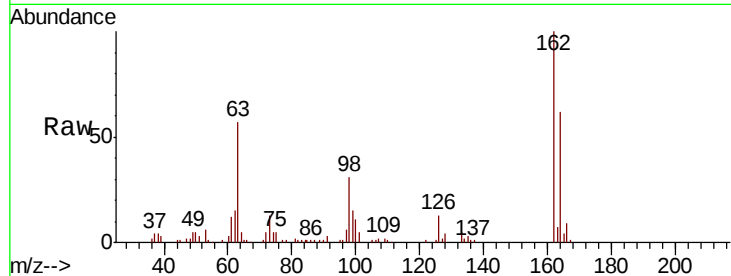
Tot Ion:162 Resp: 71667

Ion Ratio Lower Upper

162 100

164 61.9 48.9 88.9

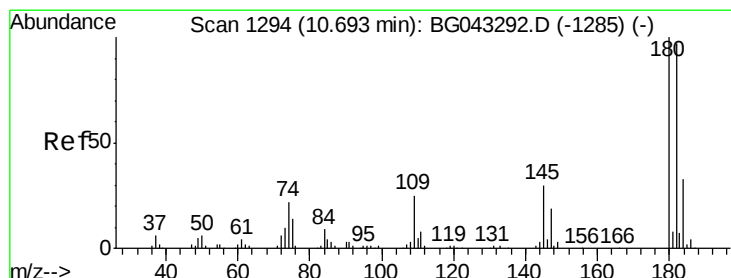
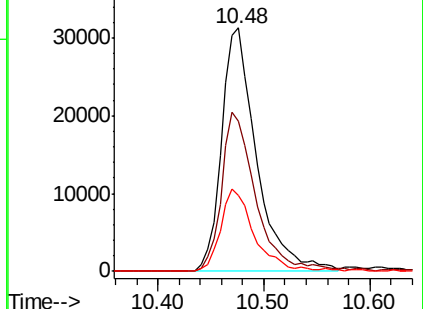
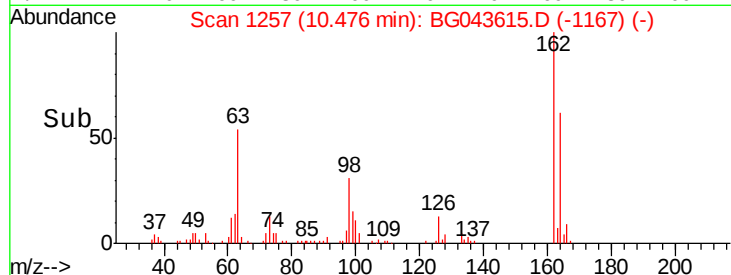
98 31.4 15.1 55.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 37.452 ng

RT: 10.66 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

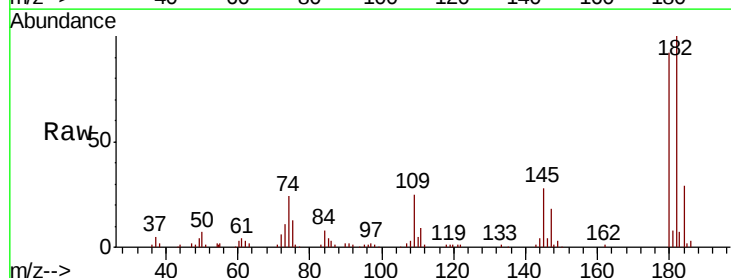
Tgt Ion:180 Resp: 78695

Ion Ratio Lower Upper

180 100

182 108.5 75.1 112.7

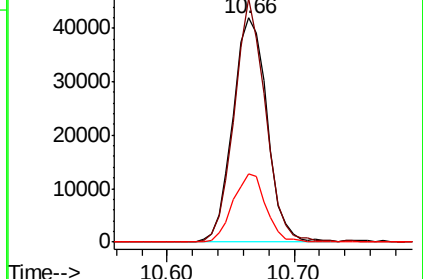
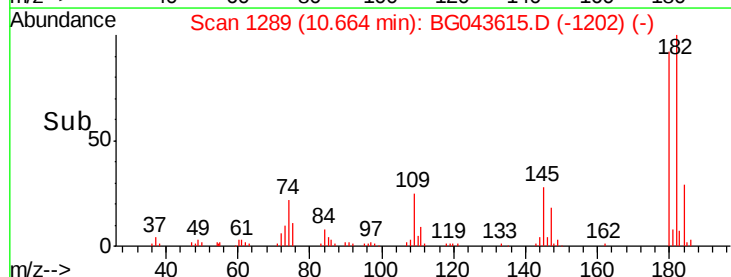
145 30.4 23.9 35.9

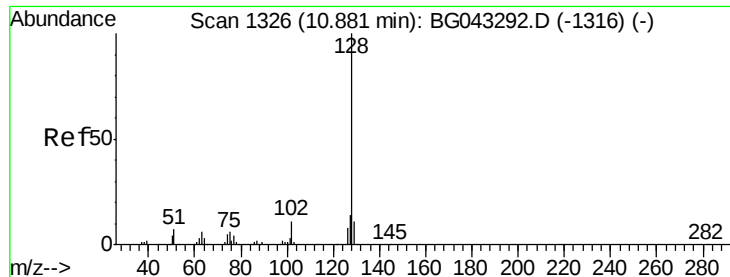


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

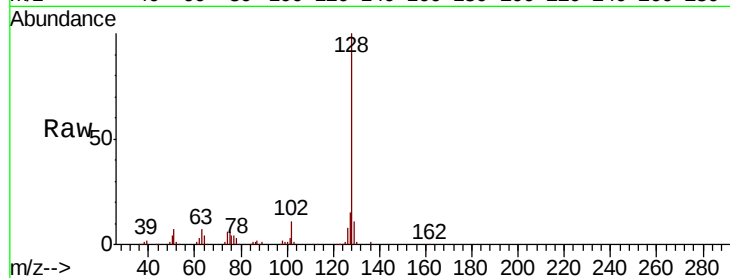




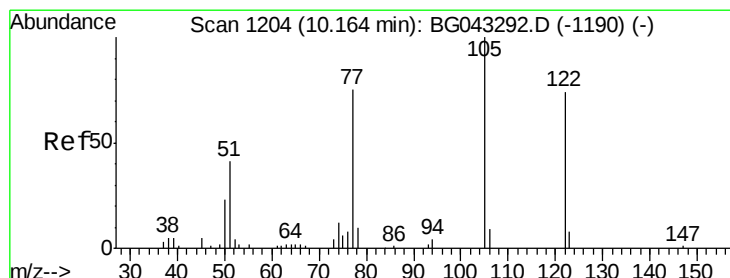
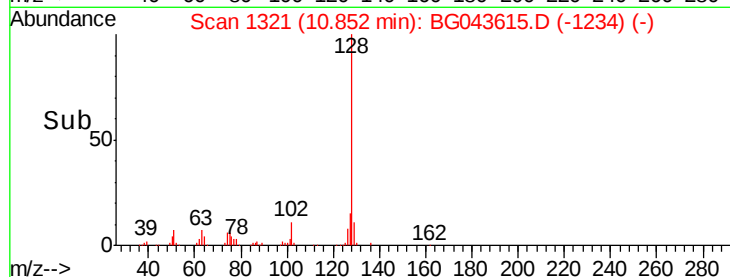
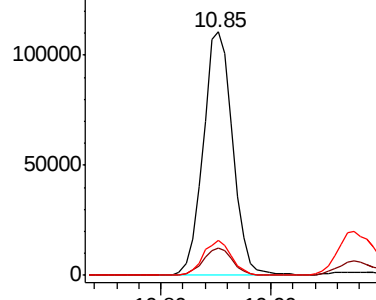
#31
Naphthalene
Concen: 40.120 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Instrument :
BNA_G
ClientSampled :

Tot Ion:128 Resp: 207243
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.0
127 14.6 11.1 16.7

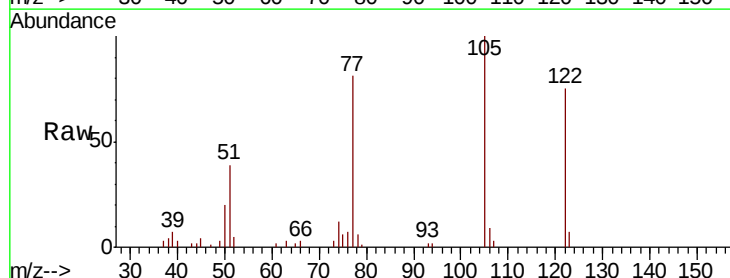


Abundance Ion 128.00 (127.70 to 128.70): E
150000
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

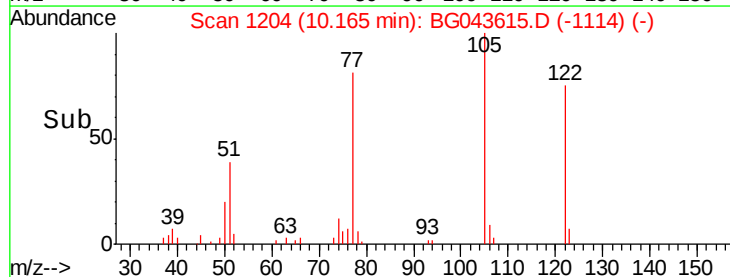
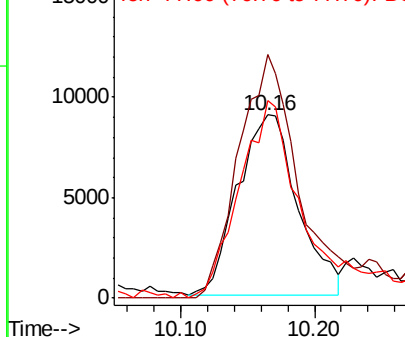


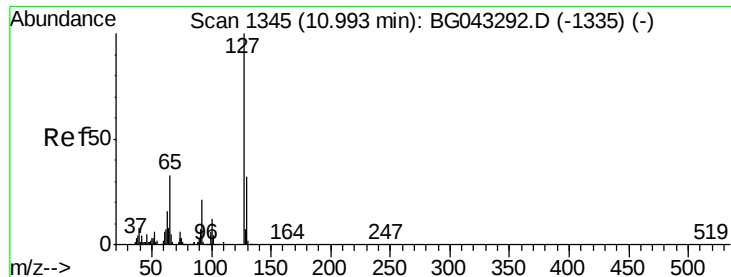
#32
Benzoic acid
Concen: 31.814 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Tgt Ion:122 Resp: 27872
Ion Ratio Lower Upper
122 100
105 133.1 103.3 143.3
77 107.7 84.9 124.9



Abundance Ion 122.00 (121.70 to 122.70): E
15000
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

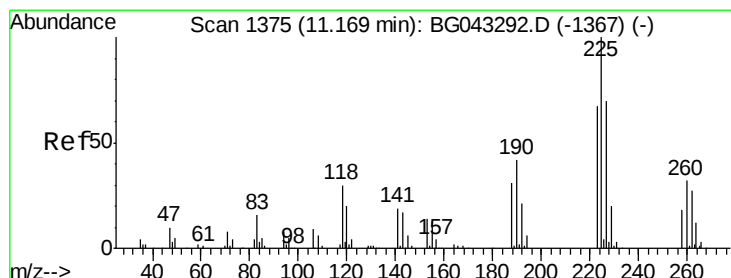
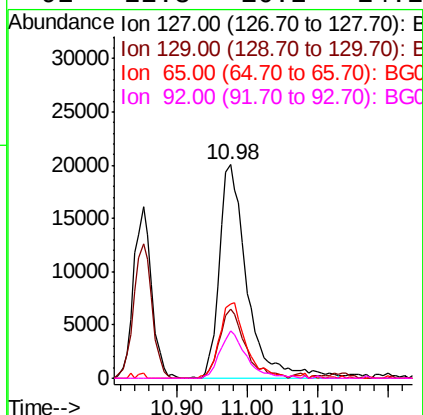
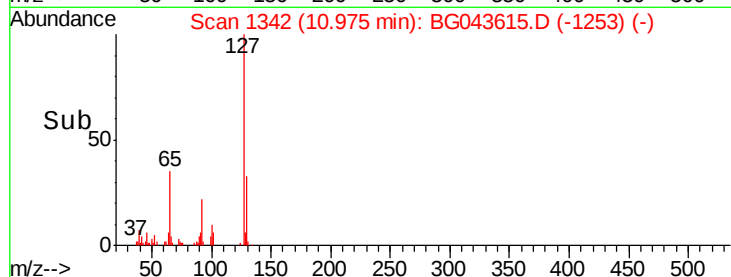
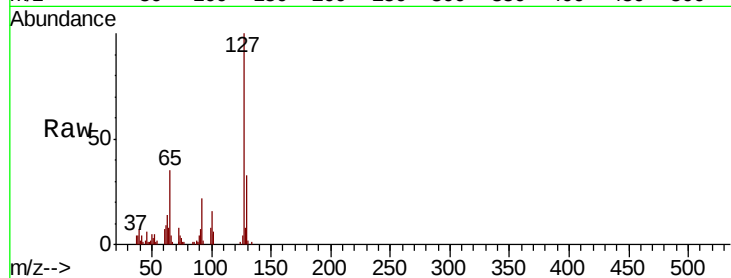




#33
4-Chloroaniline
Concen: 25.722 ng
RT: 10.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

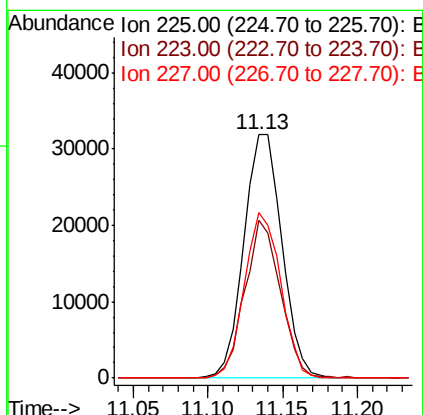
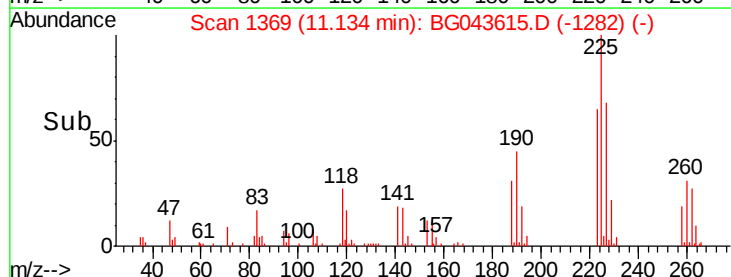
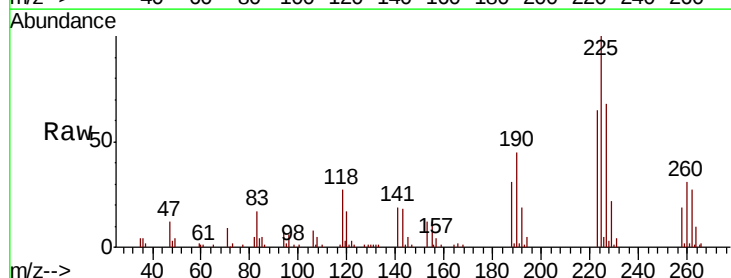
Instrument :
BNA_G
ClientSampleId :

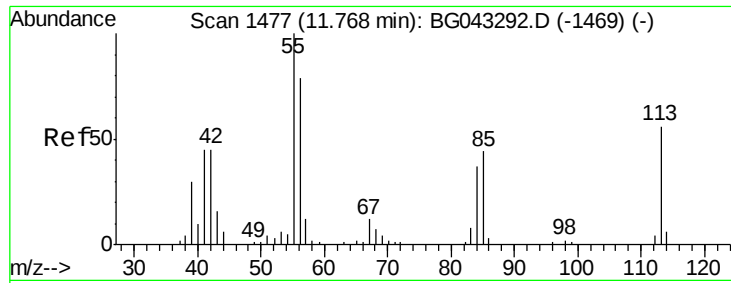
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.5	39.7
65	34.9	26.4	39.6
92	22.3	16.2	24.2



#34
Hexachlorobutadiene
Concen: 36.145 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.8	52.7	79.1
227	71.0	54.8	82.2





#35

Caprolactam

Concen: 36.607 ng

RT: 11.74 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

Instrument :

BNA_G

ClientSampled :

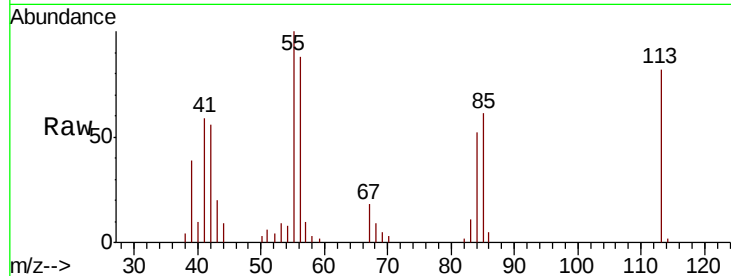
Tot Ion:113 Resp: 21019

Ion Ratio Lower Upper

113 100

55 121.4 134.1 174.1#

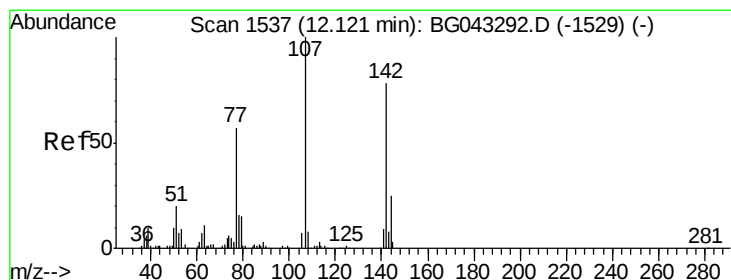
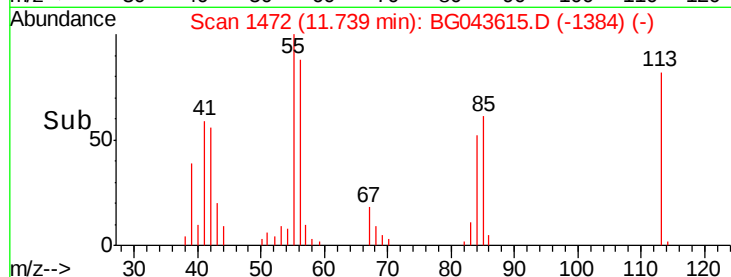
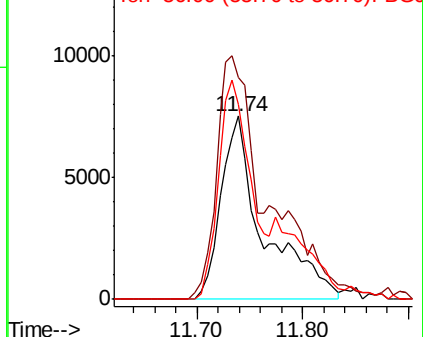
56 106.3 100.4 140.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 40.722 ng

RT: 12.12 min Scan# 1536

Delta R.T. 0.00 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

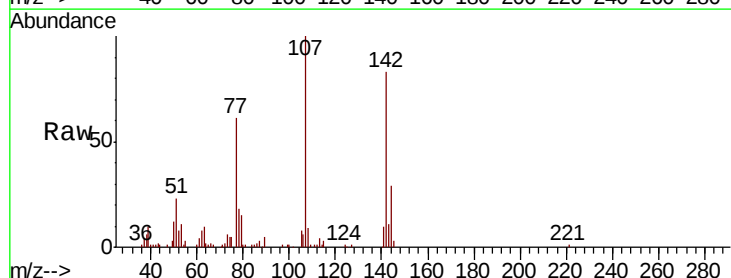
Tgt Ion:107 Resp: 74053

Ion Ratio Lower Upper

107 100

144 29.1 20.9 31.3

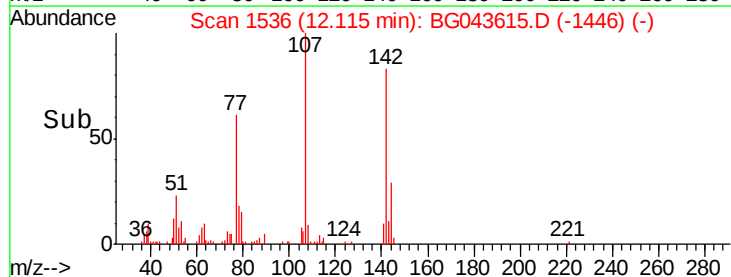
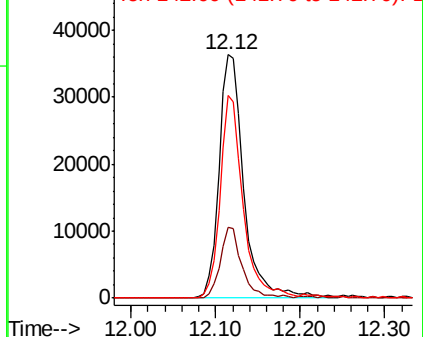
142 83.4 59.6 89.4

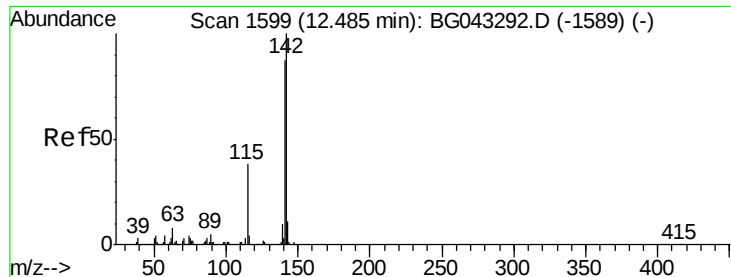


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

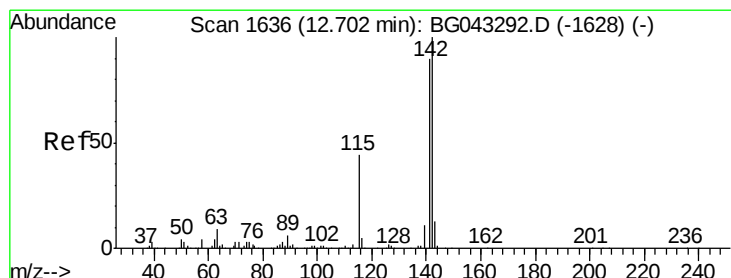
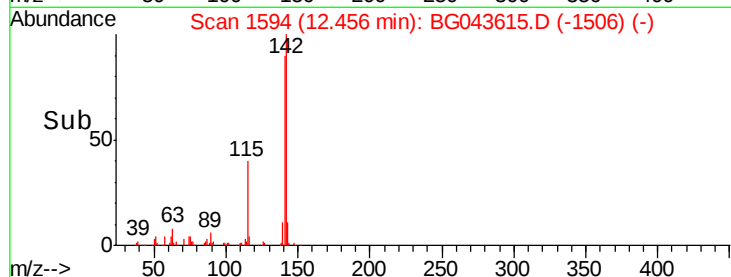
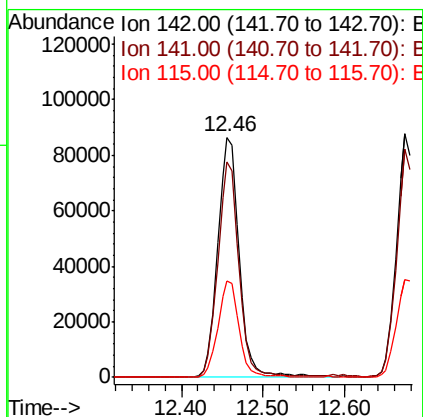
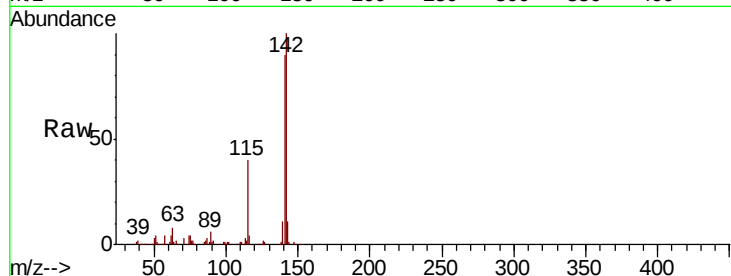




#37
2-Methylnaphthalene
Concen: 39.799 ng
RT: 12.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

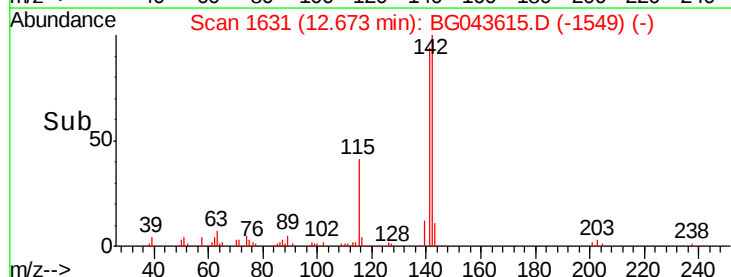
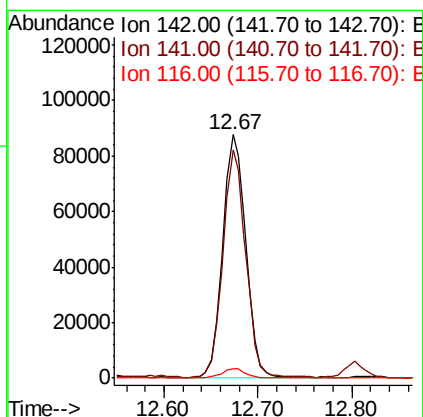
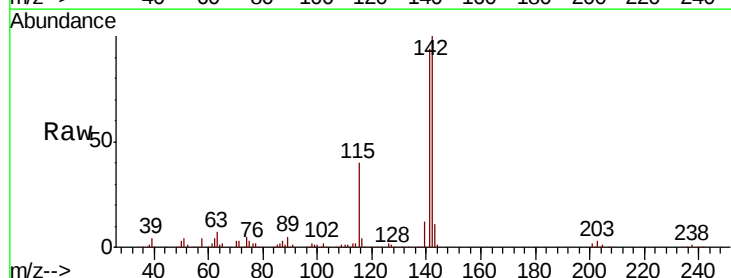
Instrument :
BNA_G
ClientSampled :

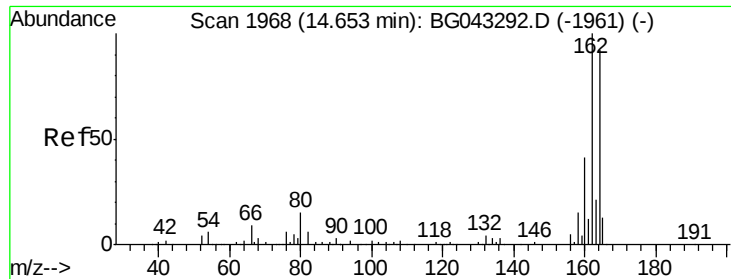
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.2	108.2
115	40.2	33.2	49.8



#38
1-Methylnaphthalene
Concen: 40.076 ng
RT: 12.67 min Scan# 1631
Delta R.T. -0.02 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.9	73.2	109.8
116	3.9	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: BG043615.D

Acq: 13 Nov 2019 16:44

Instrument :

BNA_G

ClientSampleId :

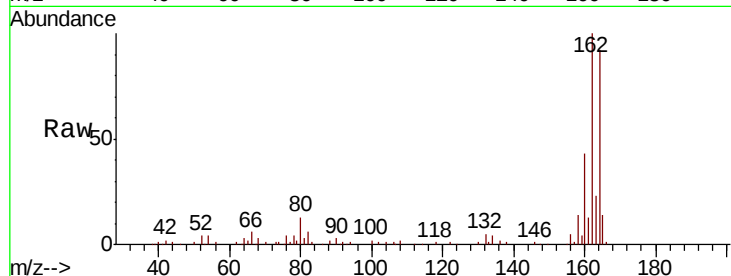
Tot Ion:164 Resp: 73231

Ion Ratio Lower Upper

164 100

162 108.2 83.5 125.3

160 46.8 36.5 54.7

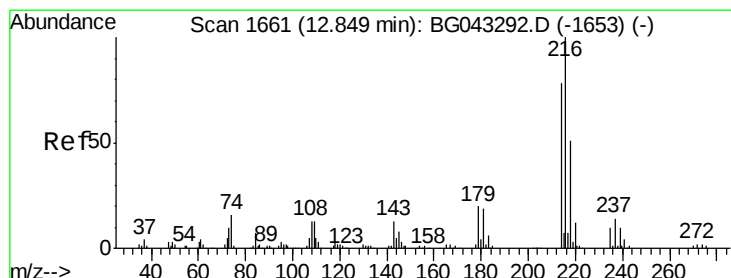
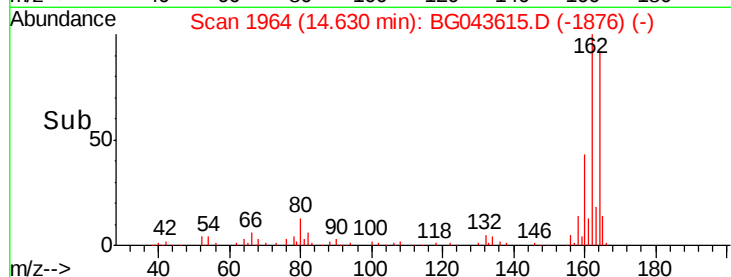
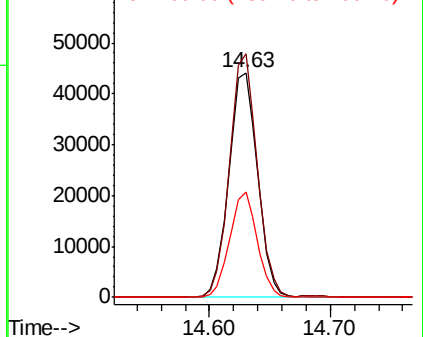


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.488 ng

RT: 12.83 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

Tgt Ion:216 Resp: 101600

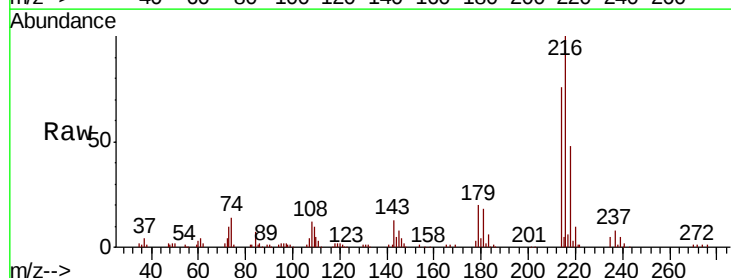
Ion Ratio Lower Upper

216 100

214 77.8 61.7 92.5

179 20.6 15.8 23.8

108 14.9 11.5 17.3



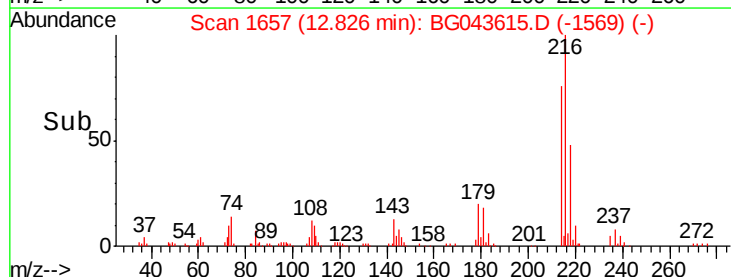
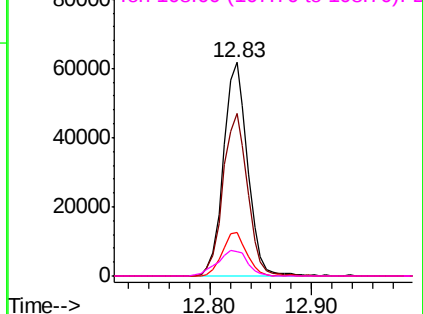
Abundance

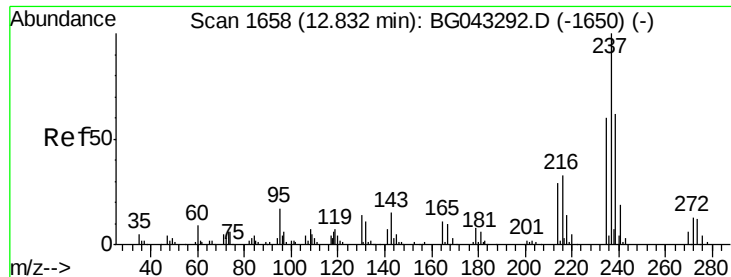
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 55.973 ng

RT: 12.80 min Scan# 1653

Delta R.T. -0.02 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

Instrument :

BNA_G

ClientSampleId :

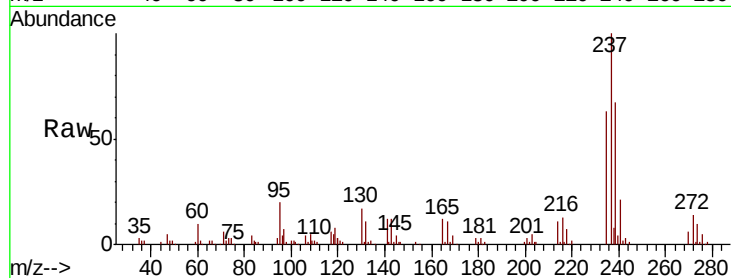
Tot Ion:237 Resp: 79687

Ion Ratio Lower Upper

237 100

235 62.6 41.6 81.6

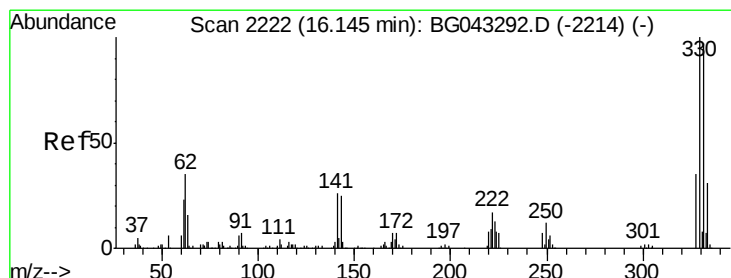
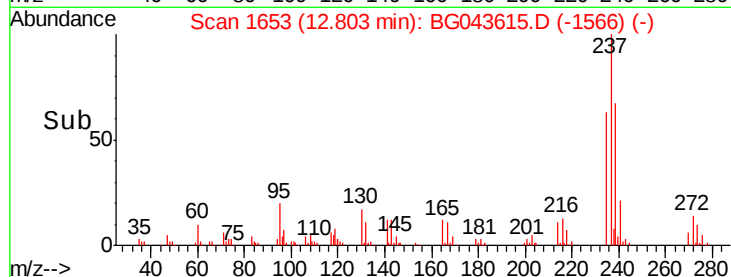
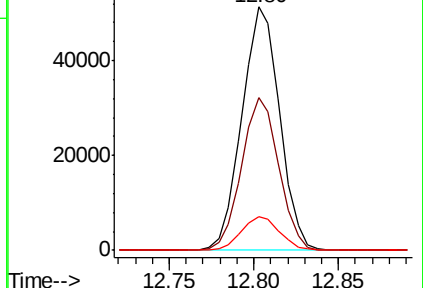
272 13.7 0.0 32.5



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 98.616 ng

RT: 16.12 min Scan# 2218

Delta R.T. -0.01 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

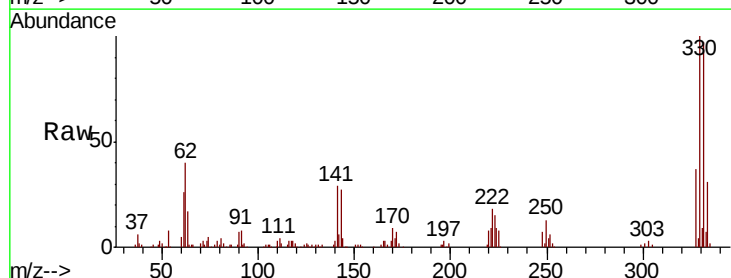
Tgt Ion:330 Resp: 137430

Ion Ratio Lower Upper

330 100

332 97.1 77.4 116.0

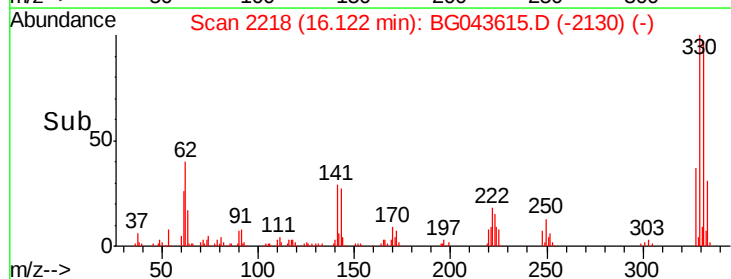
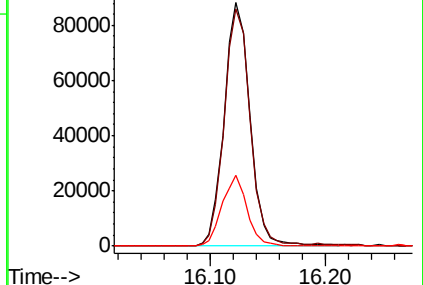
141 28.1 22.8 34.2

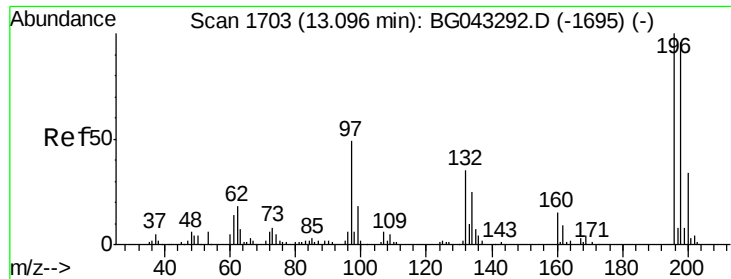


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

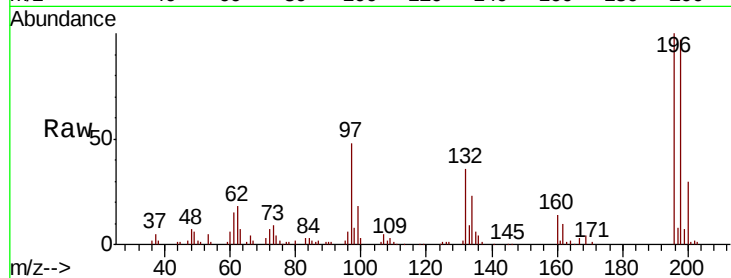




#43
 2,4,6-Trichlorophenol
 Concen: 39.535 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BG043615.D
 Acq: 13 Nov 2019 16:44

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	63099
Ion Ratio	Lower	Upper	
196	100		
198	97.1	75.8	113.6
200	30.2	23.9	35.9

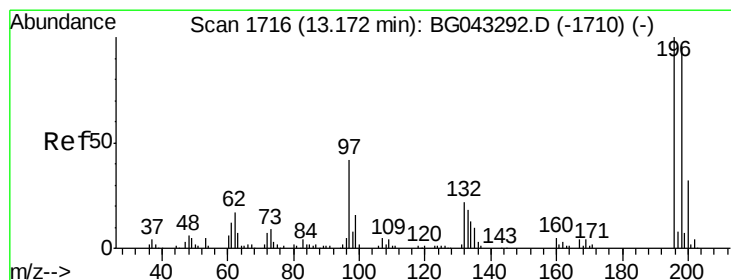
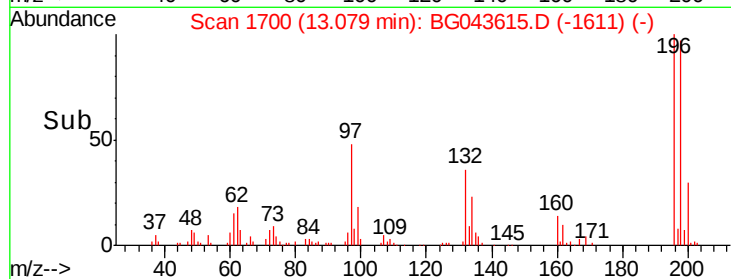
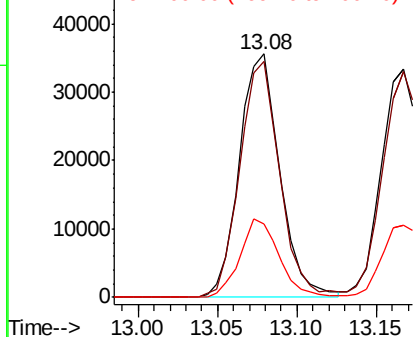


Abundance

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: 42.123 ng
 RT: 13.17 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BG043615.D
 Acq: 13 Nov 2019 16:44

Tgt Ion	196	Resp	67968
Ion Ratio	Lower	Upper	
196	100		
198	99.0	74.5	111.7
97	45.6	36.3	54.5
132	23.8	17.4	26.2

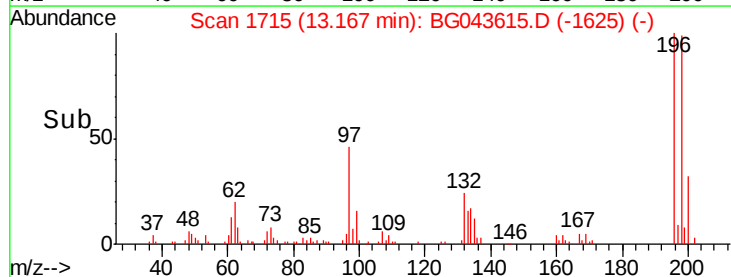
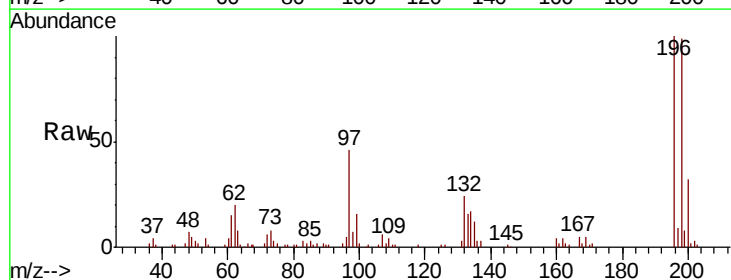
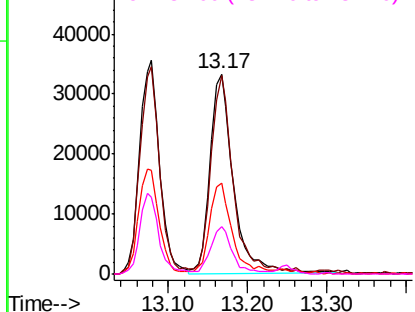
Abundance

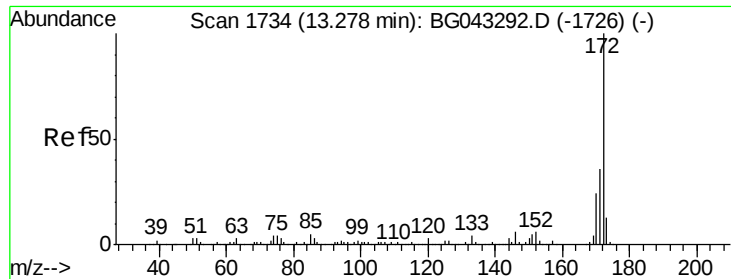
Ion 196.00 (195.70 to 196.70): E

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

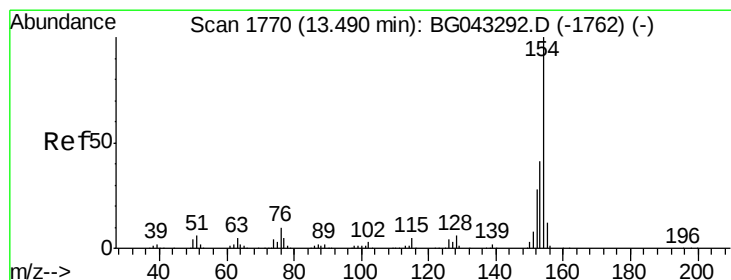
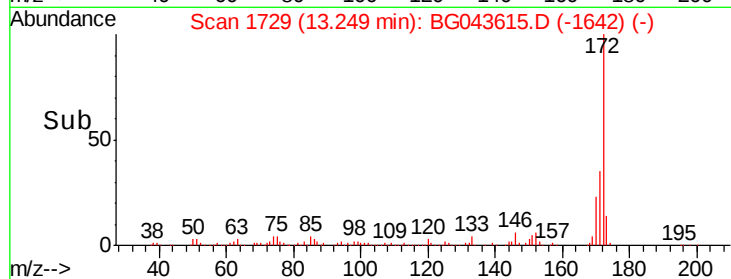
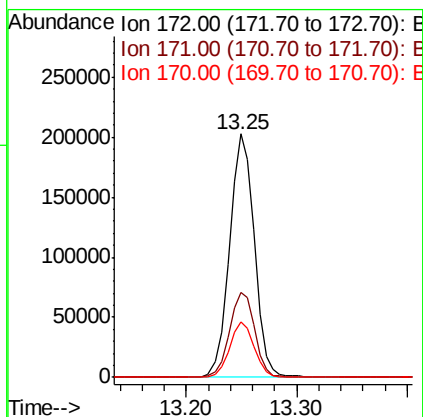
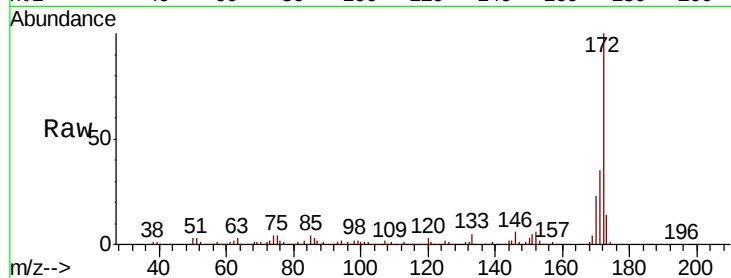




#45
2-Fluorobiphenyl
Concen: 60.227 ng
RT: 13.25 min Scan# 1729
Delta R.T. -0.02 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

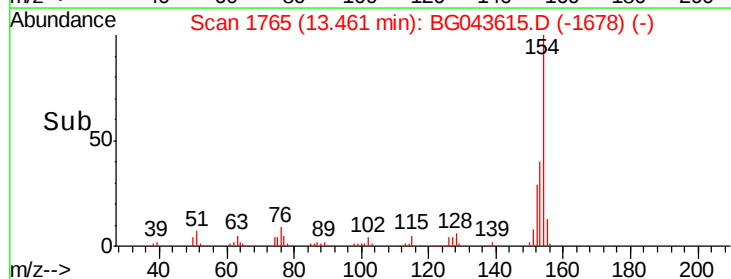
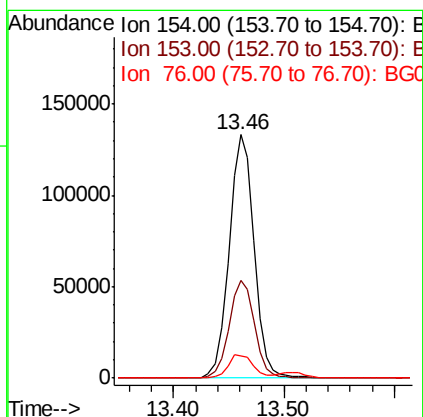
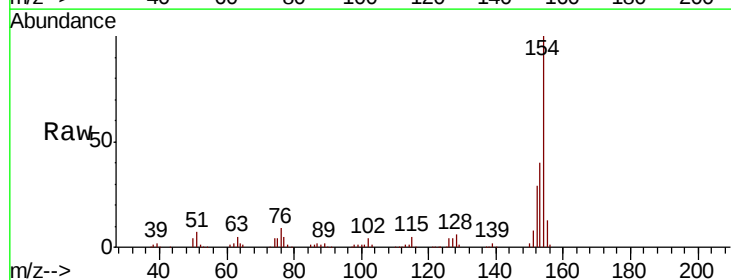
Instrument :
BNA_G
ClientSampled :

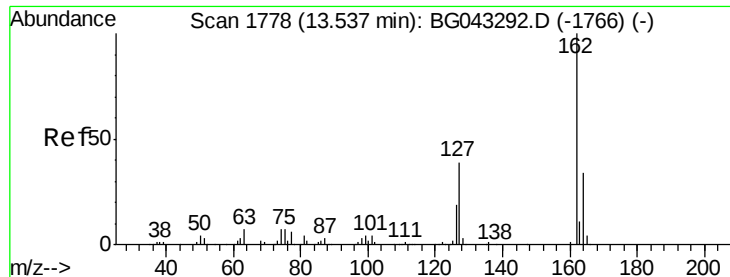
Tot Ion:172 Resp: 319181
Ion Ratio Lower Upper
172 100
171 34.8 28.9 43.3
170 22.6 18.5 27.7



#46
1,1'-Biphenyl
Concen: 37.712 ng
RT: 13.46 min Scan# 1765
Delta R.T. -0.02 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Tgt Ion:154 Resp: 210095
Ion Ratio Lower Upper
154 100
153 40.4 19.9 59.9
76 9.3 0.0 29.4

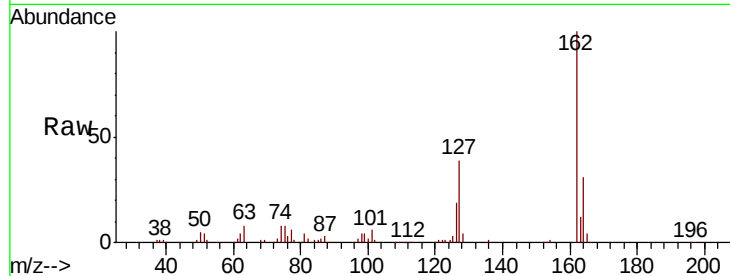




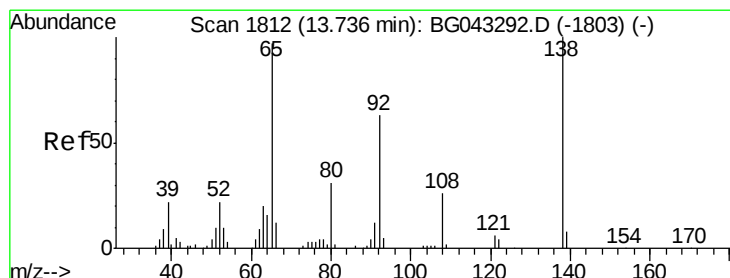
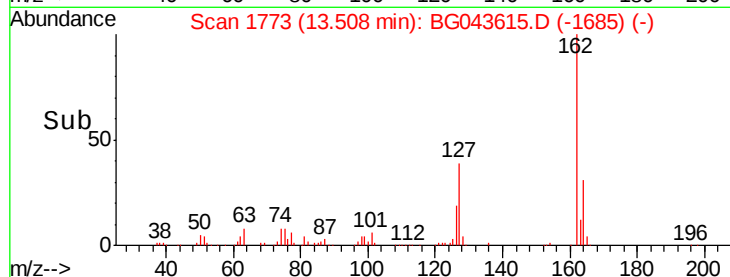
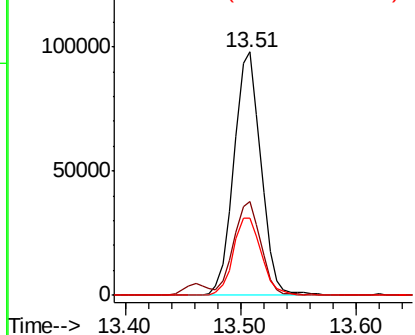
#47
2-Chloronaphthalene
Concen: 37.623 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Instrument :
BNA_G
ClientSampled :

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

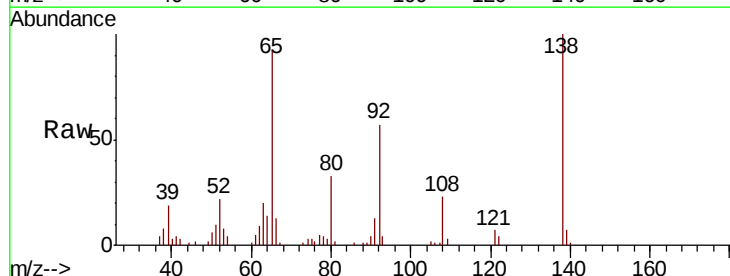


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

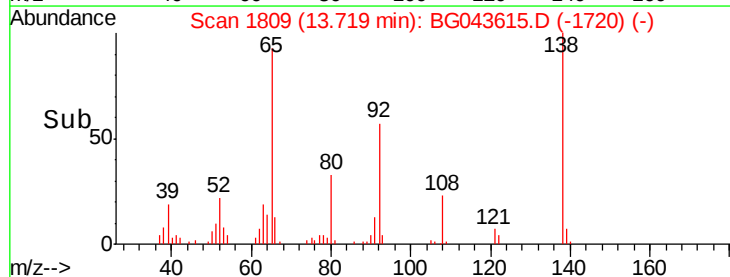
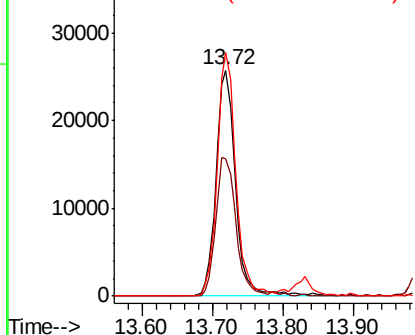


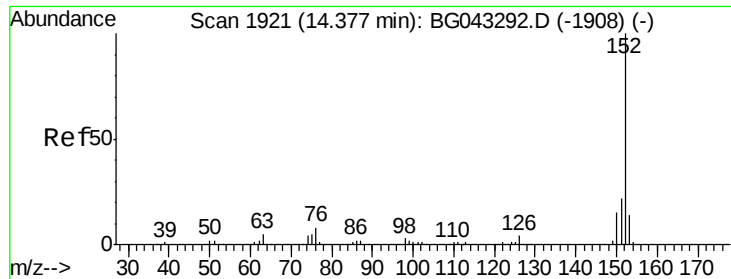
#48
2-Nitroaniline
Concen: 38.992 ng
RT: 13.72 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.9	56.2	84.2
138	107.7	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: 39.327 ng

RT: 14.35 min Scan# 1916

Delta R.T. -0.02 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

Instrument :

BNA_G

ClientSampleId :

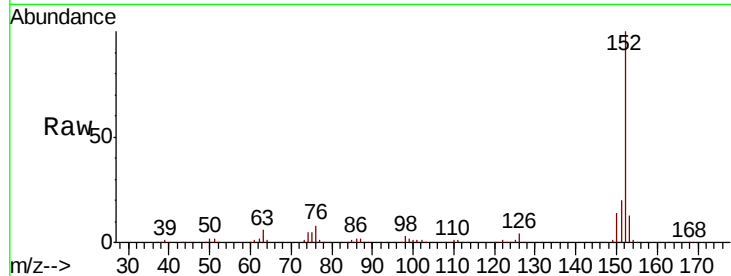
Tot Ion:152 Resp: 259443

Ion Ratio Lower Upper

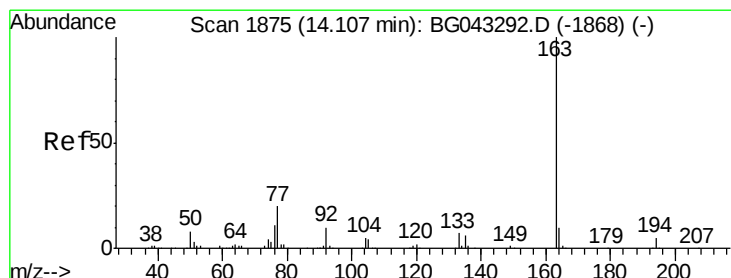
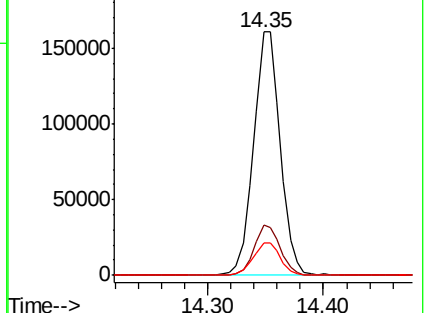
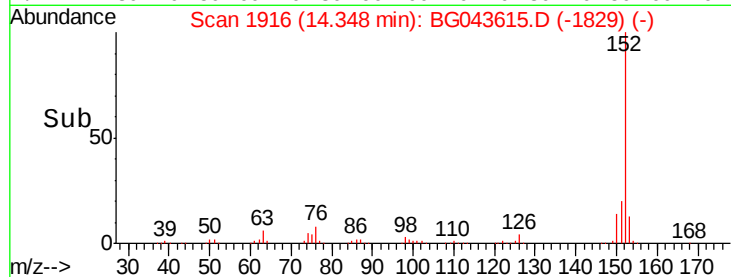
152 100

151 20.5 16.2 24.4

153 13.1 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: 37.179 ng

RT: 14.08 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

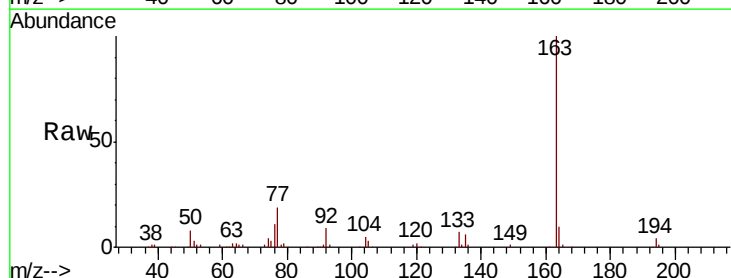
Tgt Ion:163 Resp: 210889

Ion Ratio Lower Upper

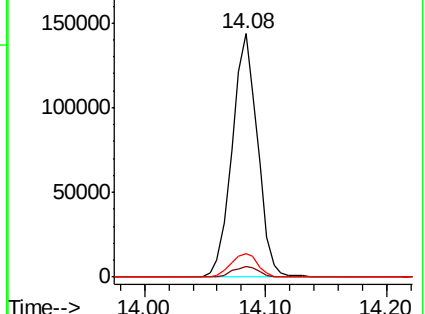
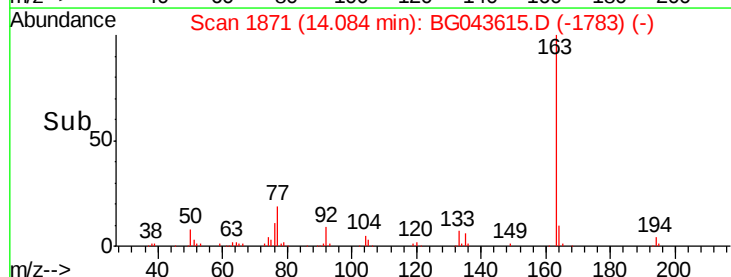
163 100

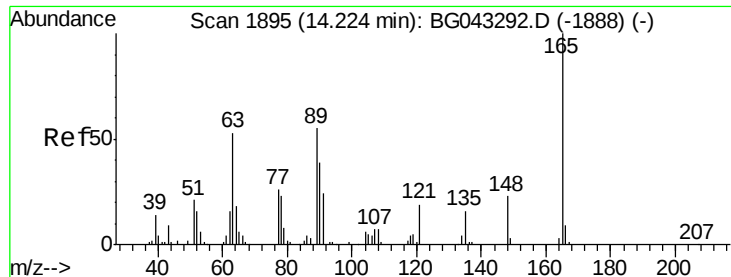
194 4.3 3.8 5.6

164 9.9 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

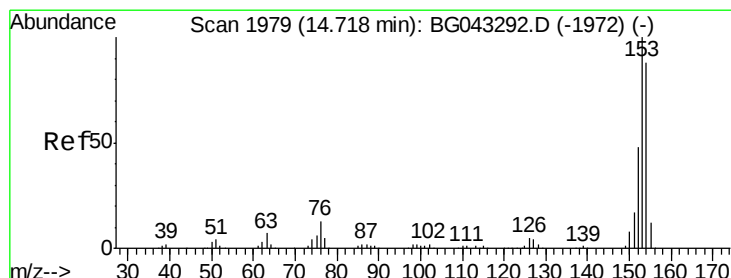
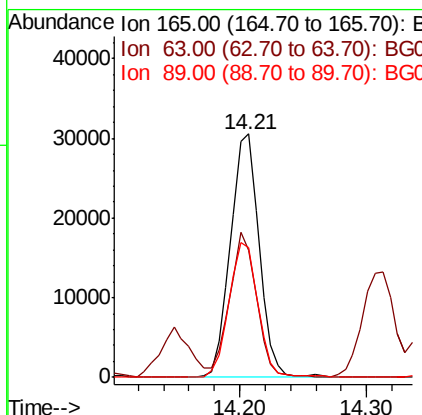
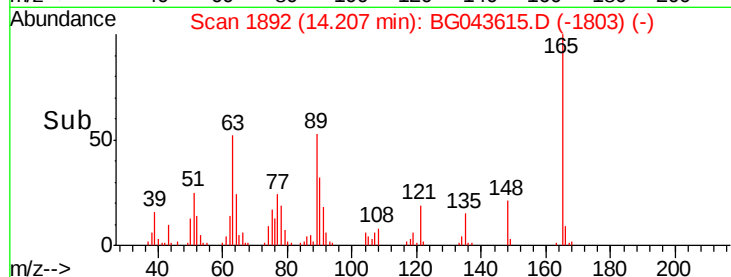
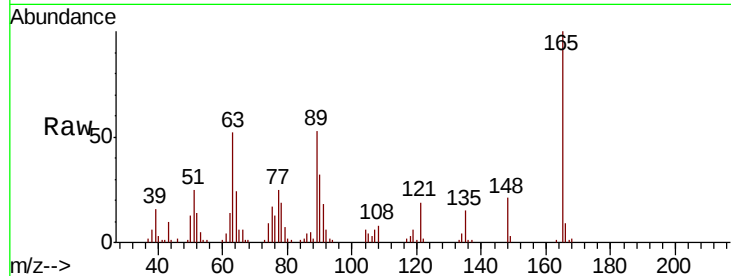




#51
2,6-Dinitrotoluene
Concen: 38.790 ng
RT: 14.21 min Scan# 1892
Delta R.T. -0.01 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

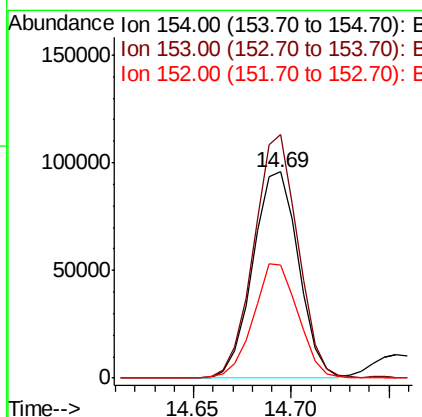
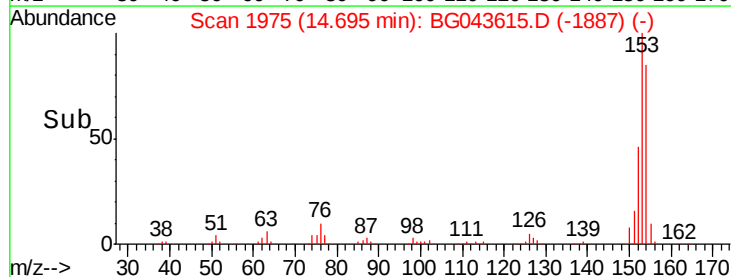
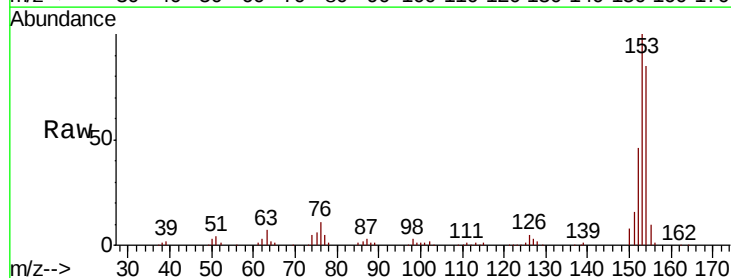
Instrument :
BNA_G
ClientSampleId :

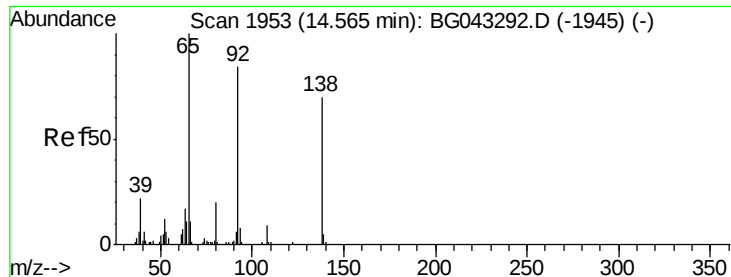
Tot Ion	Ratio	Lower	Upper
165	100		
63	52.2	46.6	69.8
89	53.3	45.1	67.7



#52
Acenaphthene
Concen: 38.502 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	117.9	88.2	132.2
152	54.5	40.0	60.0





#53

3-Nitroaniline

Concen: 28.205 ng

RT: 14.55 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

Instrument :

BNA_G

ClientSampleId :

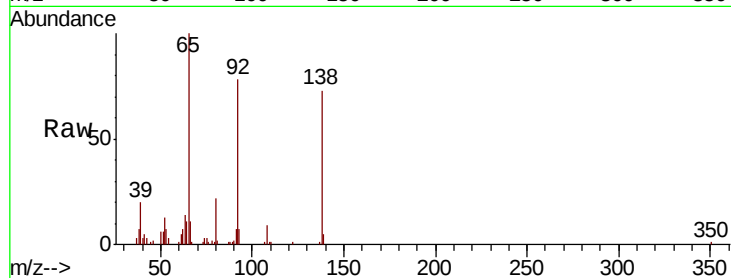
Tot Ion:138 Resp: 33557

Ion Ratio Lower Upper

138 100

108 12.5 8.0 12.0#

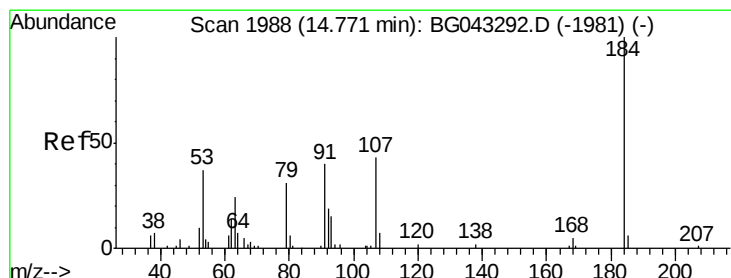
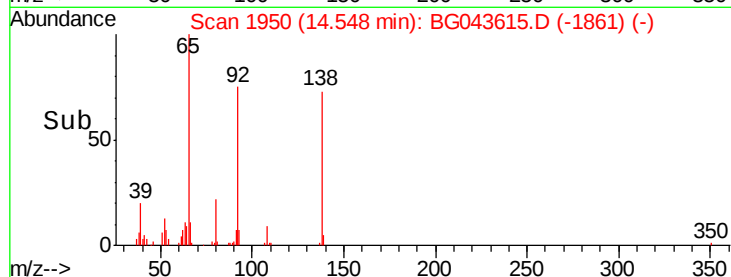
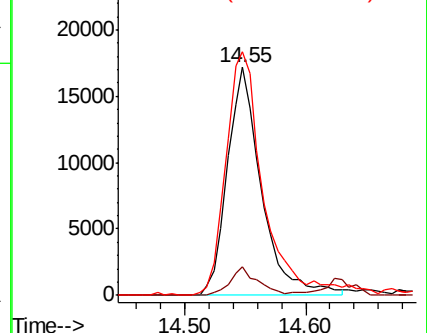
92 106.8 90.9 136.3



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: 53.773 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

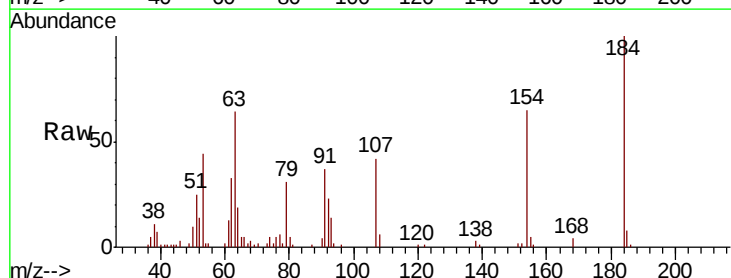
Tgt Ion:184 Resp: 39357

Ion Ratio Lower Upper

184 100

63 63.5 51.3 76.9

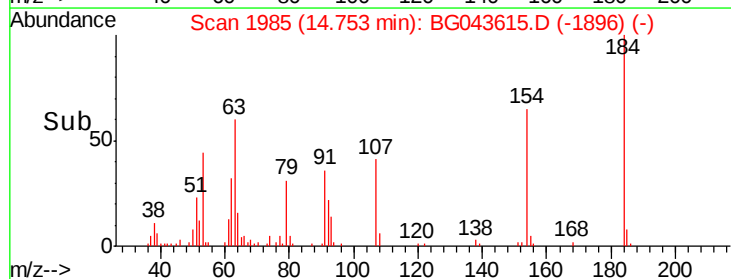
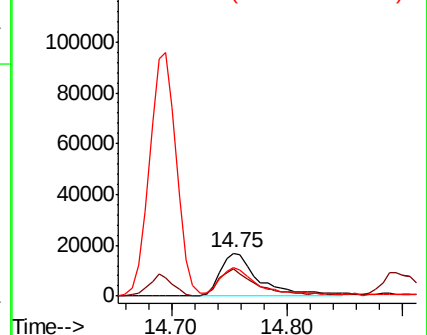
154 65.0 55.4 83.0

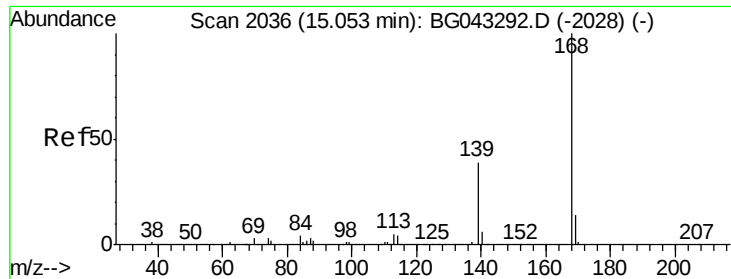


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

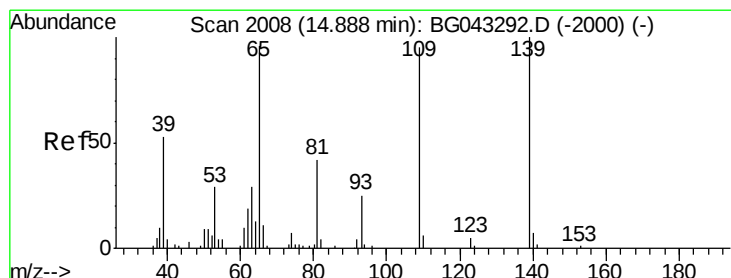
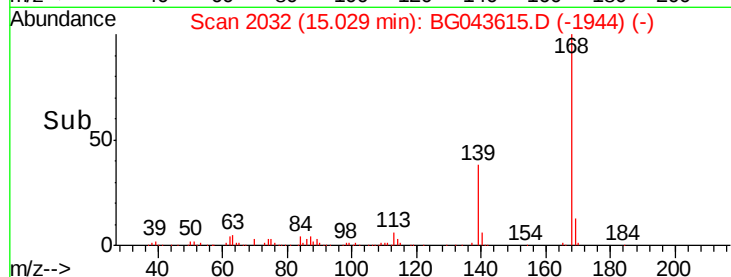
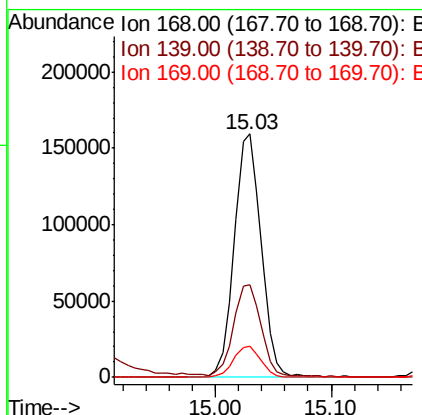
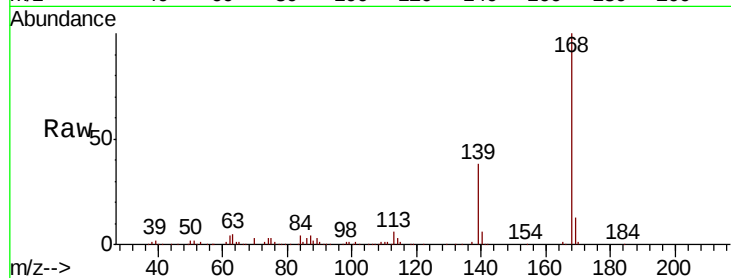




#55
Dibenzofuran
Concen: 39.340 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

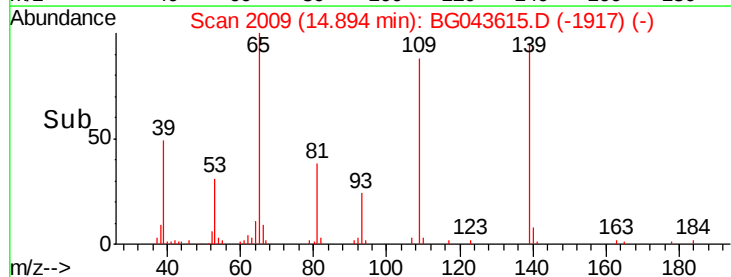
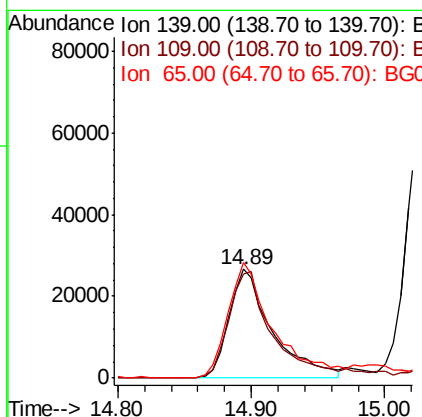
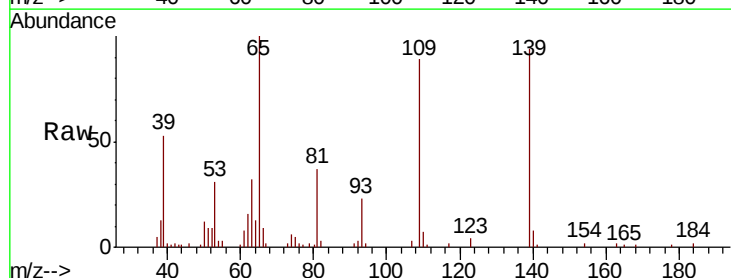
Instrument :
BNA_G
ClientSampleId :

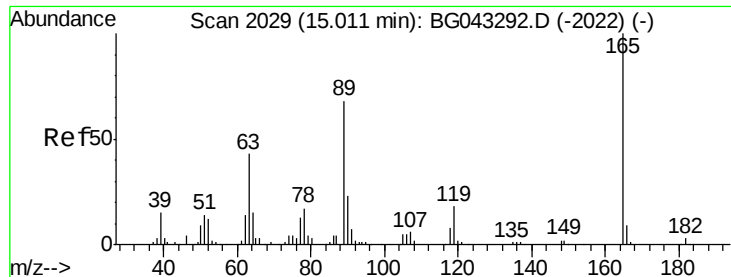
Tot Ion:168 Resp: 256659
Ion Ratio Lower Upper
168 100
139 37.9 31.0 46.6
169 13.0 11.7 17.5



#56
4-Nitrophenol
Concen: 75.624 ng
RT: 14.89 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Tgt Ion:139 Resp: 60294
Ion Ratio Lower Upper
139 100
109 95.1 87.2 127.2
65 106.6 83.8 123.8

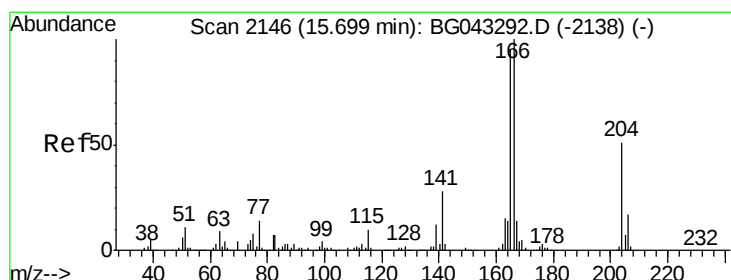
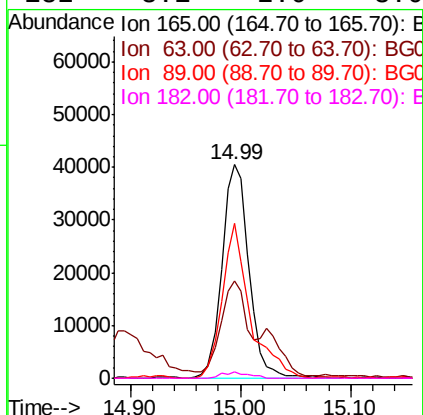
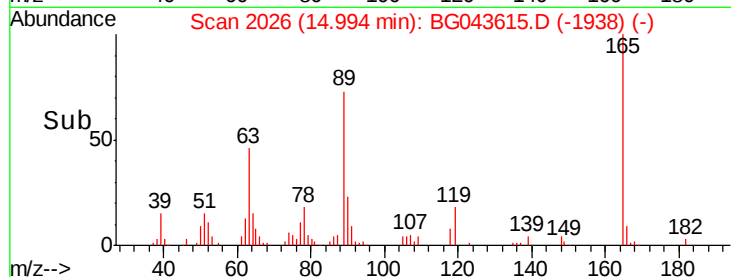
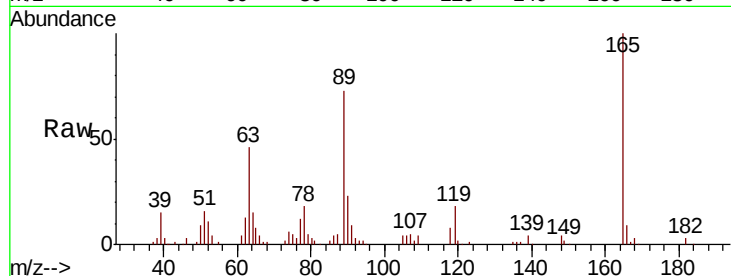




#57
2,4-Dinitrotoluene
Concen: 39.187 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

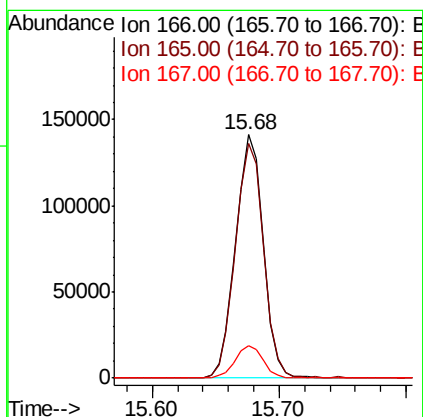
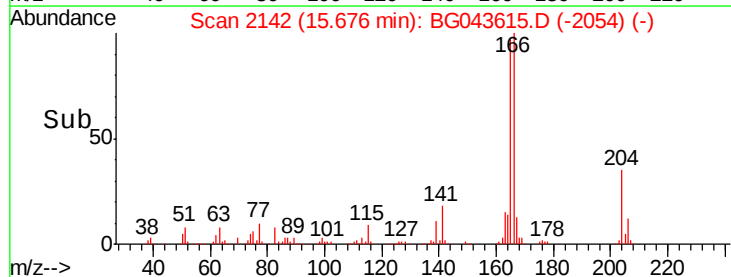
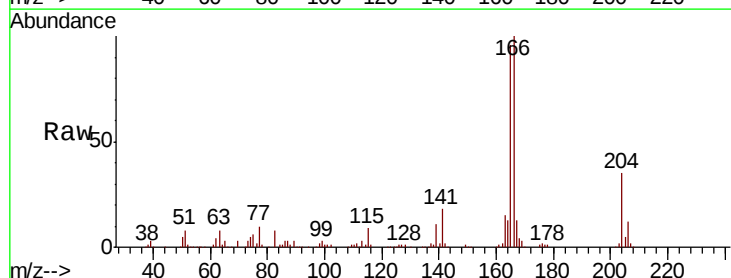
Instrument :
BNA_G
ClientSampleId :

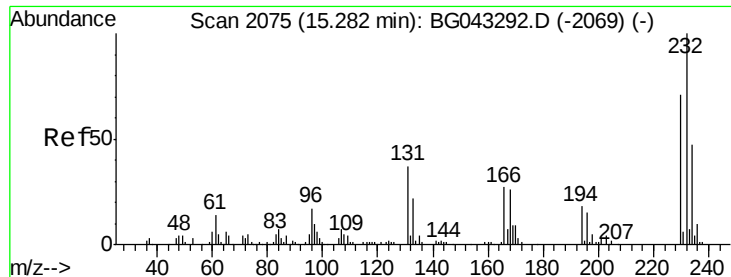
Tot Ion:165 Resp: 69011
Ion Ratio Lower Upper
165 100
63 45.6 33.2 49.8
89 72.5 52.2 78.4
182 3.1 2.0 3.0#



#58
Fluorene
Concen: 38.970 ng
RT: 15.68 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Tgt Ion:166 Resp: 213242
Ion Ratio Lower Upper
166 100
165 96.2 79.0 118.6
167 13.4 10.5 15.7

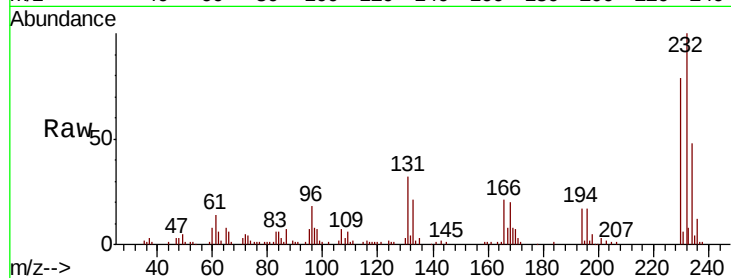




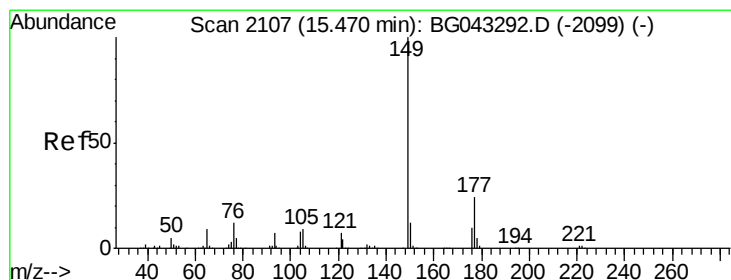
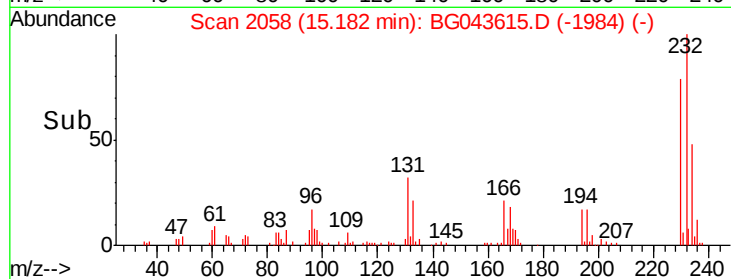
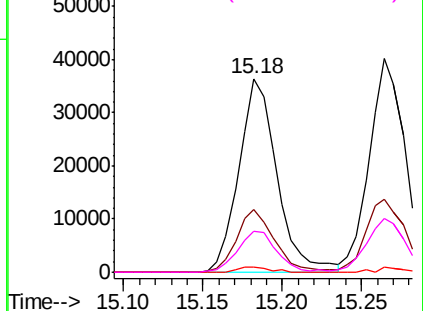
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 35.477 ng
 RT: 15.18 min Scan# 2058
 Delta R.T. -0.09 min
 Lab File: BG043615.D
 Acq: 13 Nov 2019 16:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	60819
Ion	Ratio	Lower	Upper
232	100		
131	32.2	26.9	40.3
130	2.2	1.8	2.6
166	21.9	20.9	31.3

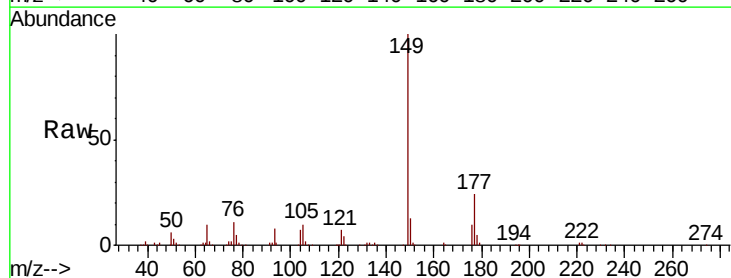


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

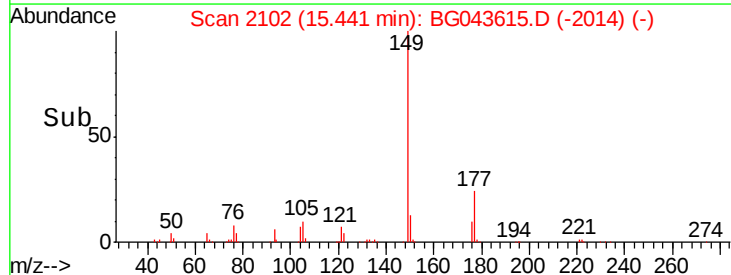
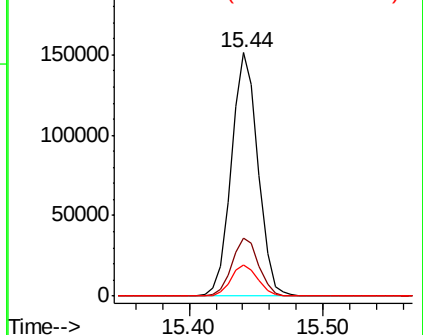


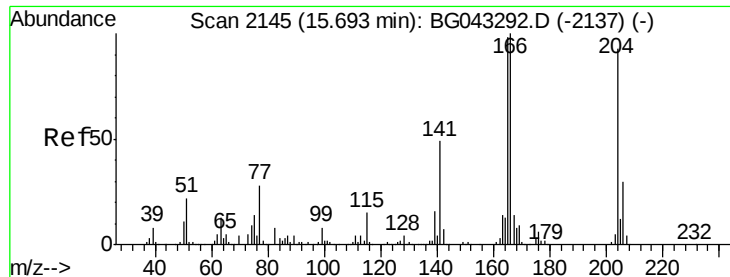
#60
 Diethylphthalate
 Concen: 36.844 ng
 RT: 15.44 min Scan# 2102
 Delta R.T. -0.01 min
 Lab File: BG043615.D
 Acq: 13 Nov 2019 16:44

Tgt Ion:	149	Resp:	209990
Ion	Ratio	Lower	Upper
149	100		
177	23.7	19.6	29.4
150	12.9	10.8	16.2



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

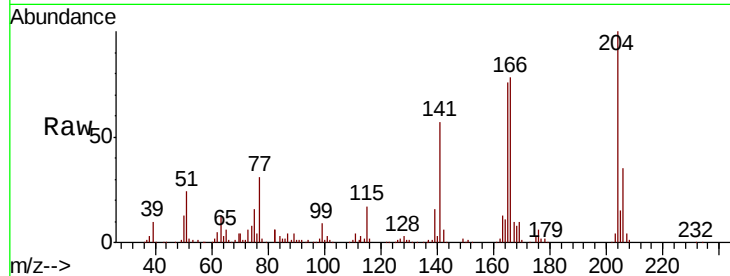




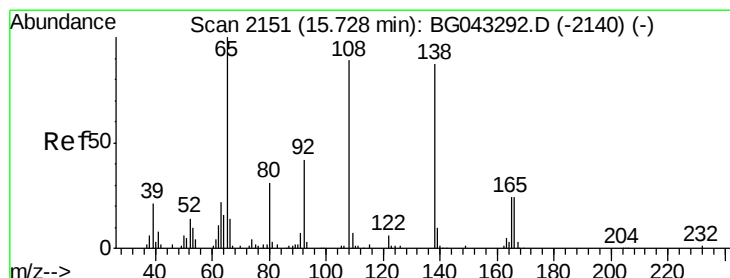
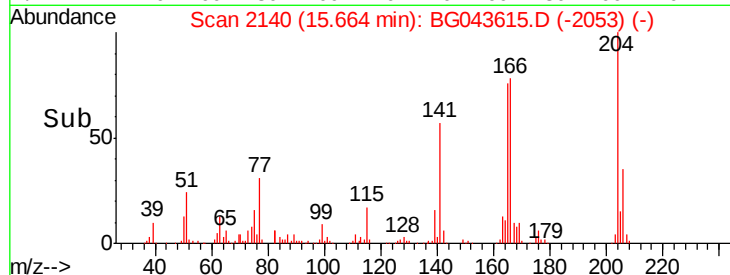
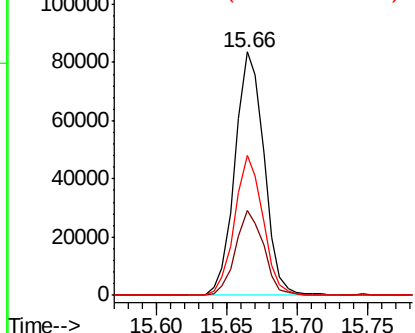
#61
 4-Chlorophenyl-phenylether
 Concen: 37.714 ng
 RT: 15.66 min Scan# 2140
 Delta R.T. -0.02 min
 Lab File: BG043615.D
 Acq: 13 Nov 2019 16:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:204 Resp: 120389
 Ion Ratio Lower Upper
 204 100
 206 34.8 28.4 42.6
 141 57.3 43.0 64.6

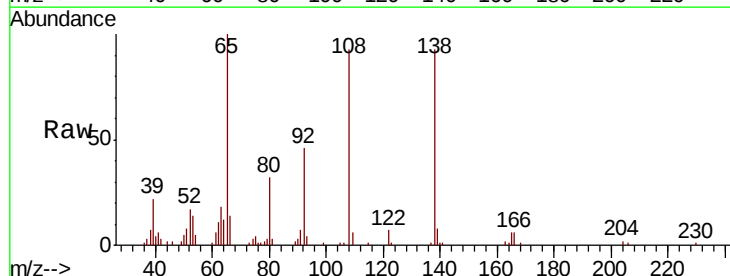


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

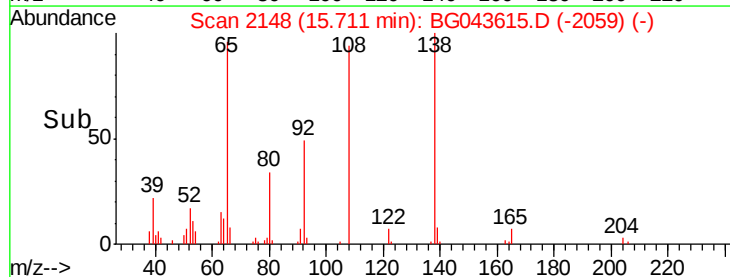
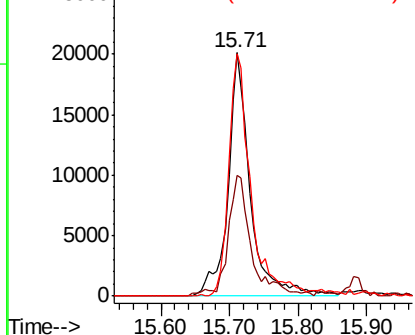


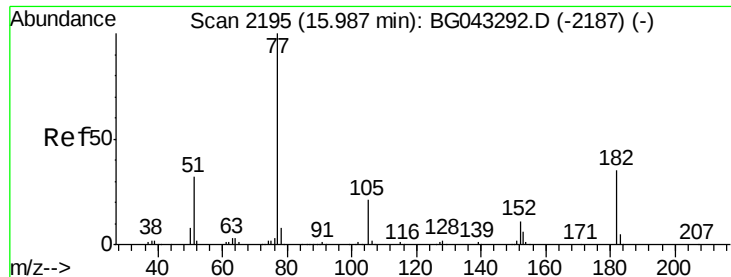
#62
 4-Nitroaniline
 Concen: 36.958 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BG043615.D
 Acq: 13 Nov 2019 16:44

Tgt Ion:138 Resp: 45410
 Ion Ratio Lower Upper
 138 100
 92 49.3 33.4 73.4
 108 99.6 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

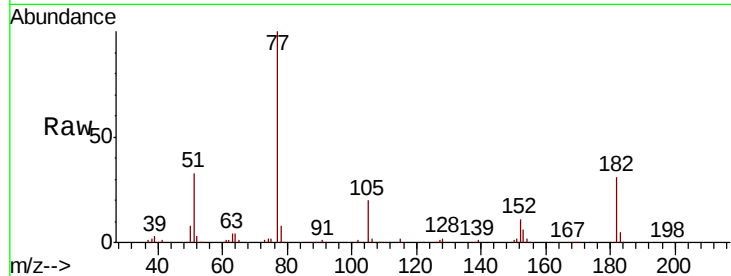




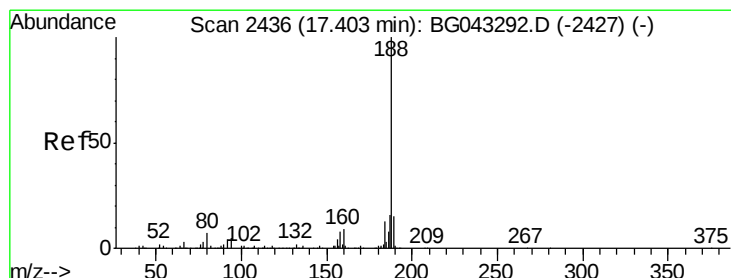
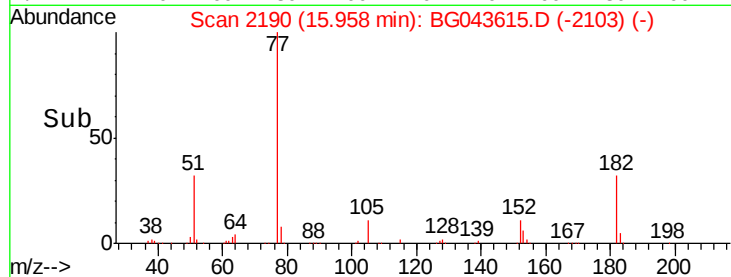
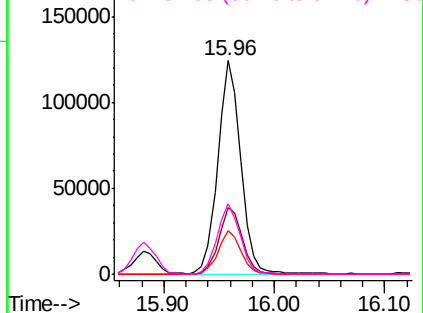
#63
Azobenzene
Concen: 38.652 ng
RT: 15.96 min Scan# 2190
Delta R.T. -0.02 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	31.0	13.7	53.7
105	20.2	0.4	40.4
51	33.2	11.0	51.0

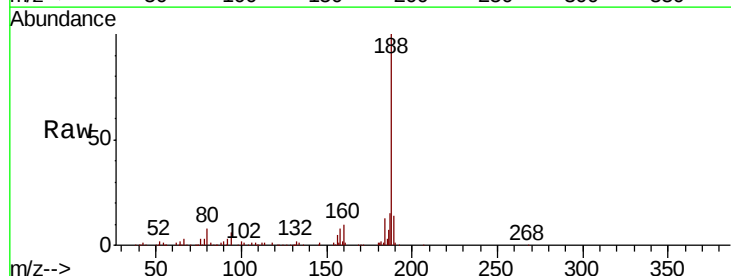


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

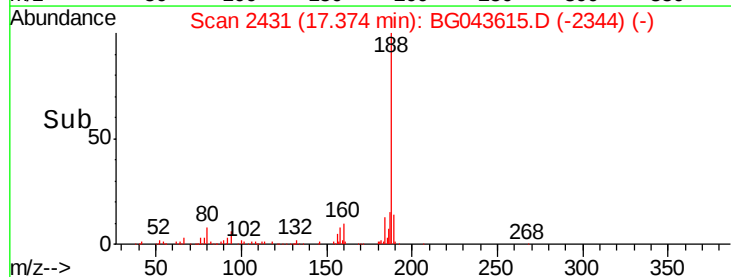
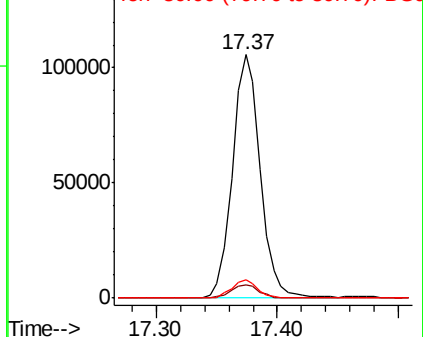


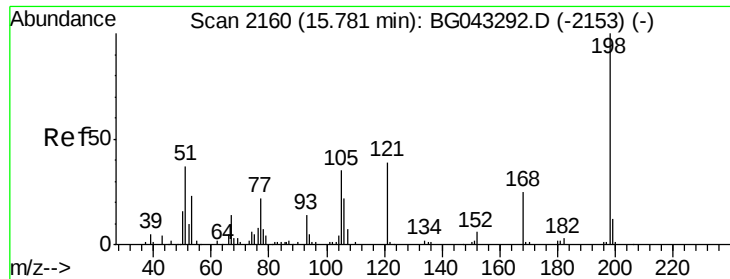
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.7	4.2	6.4
80	7.6	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

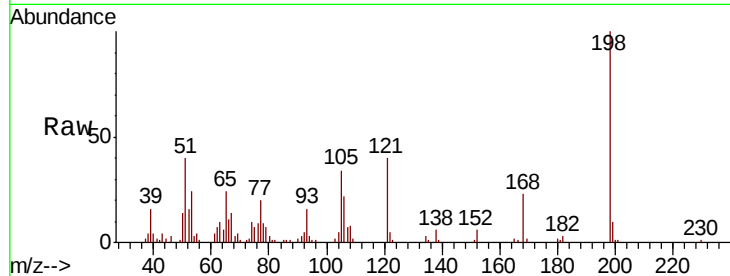




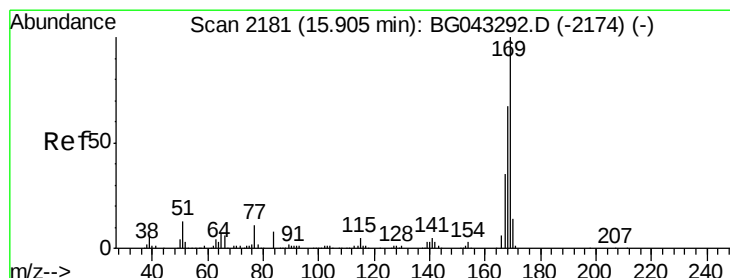
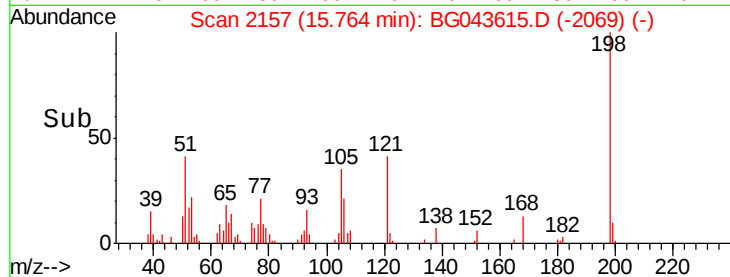
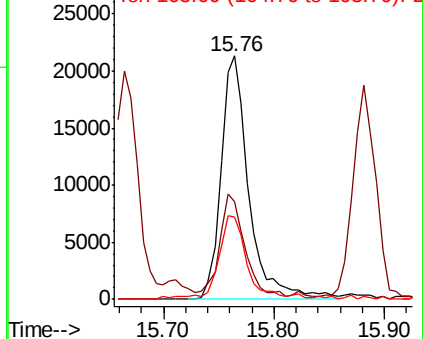
#65
4,6-Dinitro-2-methylphenol
Concen: 37.402 ng
RT: 15.76 min Scan# 2157
Delta R.T. -0.01 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Instrument :
BNA_G
ClientSampled :

Tot Ion:198 Resp: 37400
Ion Ratio Lower Upper
198 100
51 40.1 13.2 53.2
105 33.7 15.8 55.8

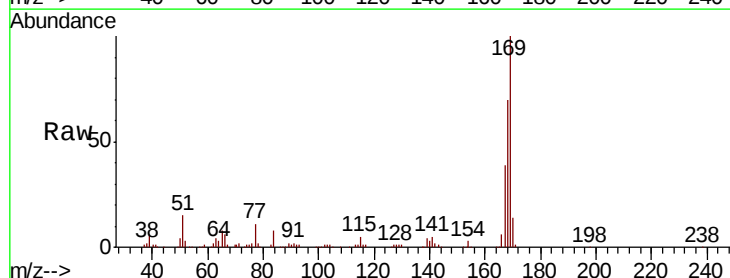


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

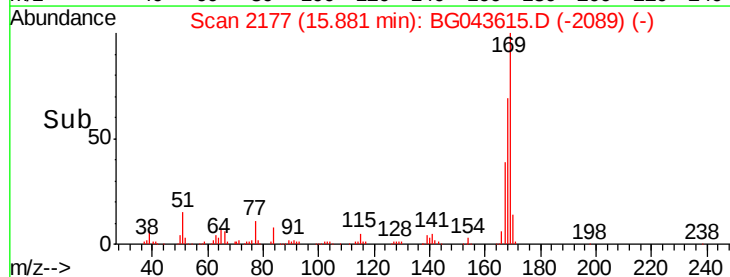
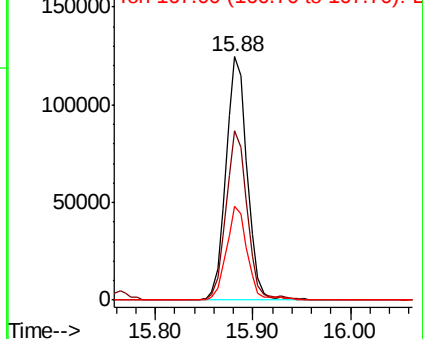


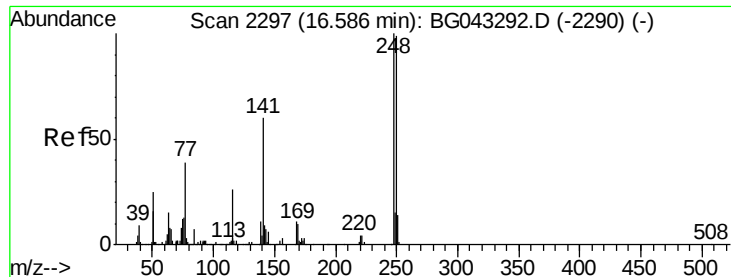
#66
n-Nitrosodiphenylamine
Concen: 39.028 ng
RT: 15.88 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Tgt Ion:169 Resp: 187222
Ion Ratio Lower Upper
169 100
168 69.6 53.8 80.6
167 38.5 27.5 41.3



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

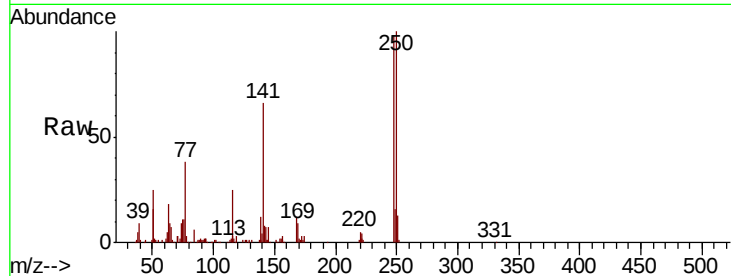




#67
4-Bromophenyl-phenylether
Concen: 37.170 ng
RT: 16.56 min Scan# 2292
Delta R.T. -0.02 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	102.5	77.0	115.4
141	67.7	47.5	71.3

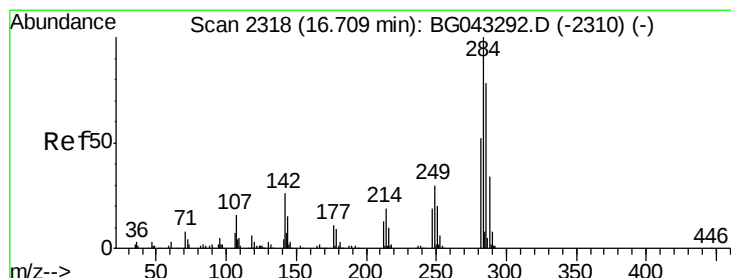
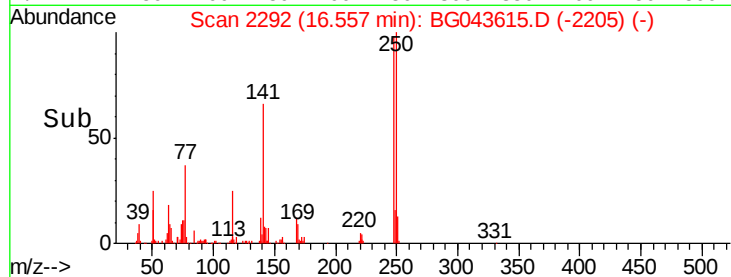
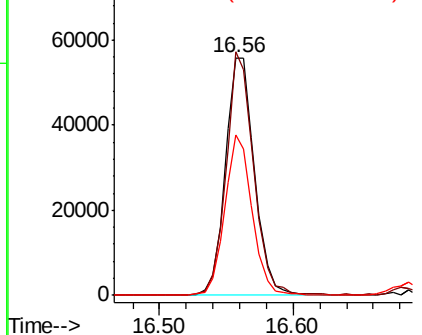


Abundance

Ion 248.00 (247.70 to 248.70): E

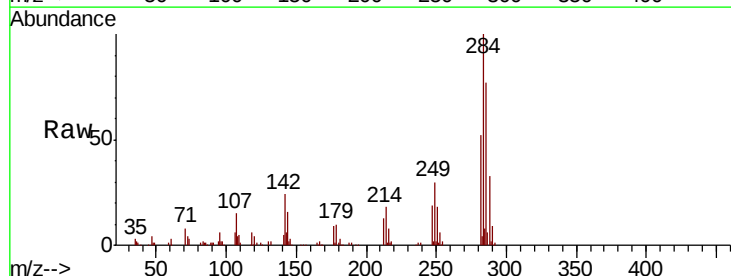
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 35.950 ng
RT: 16.69 min Scan# 2314
Delta R.T. -0.01 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.4	19.8	29.8
249	29.9	23.8	35.6

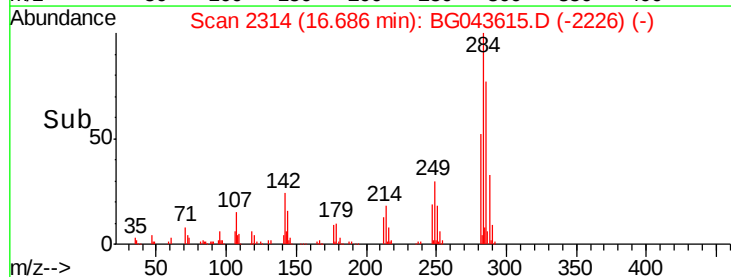
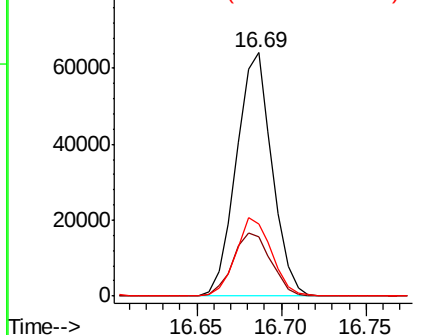


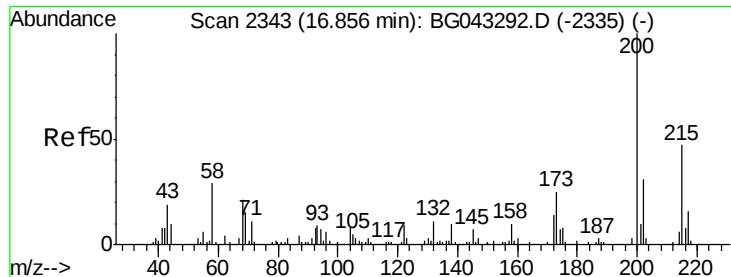
Abundance

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

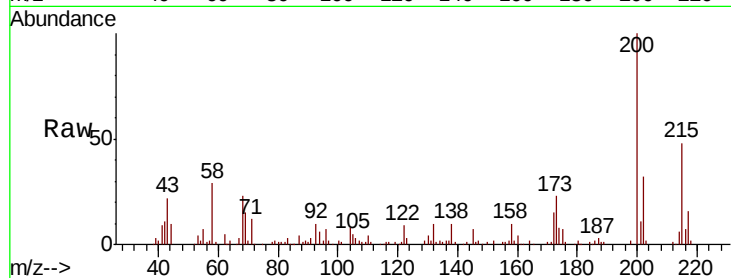




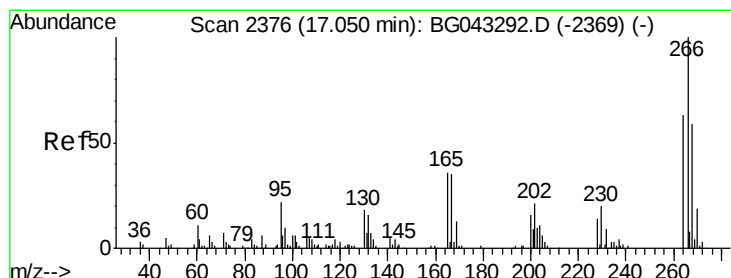
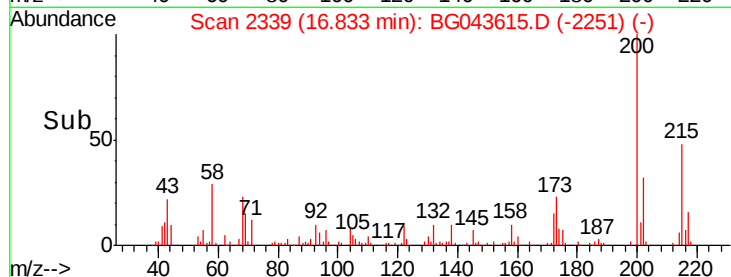
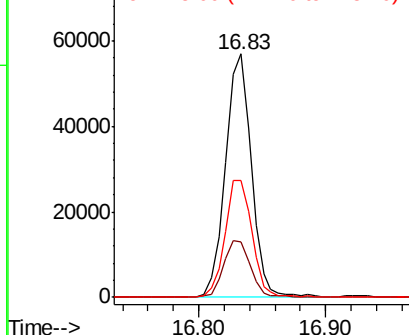
#69
 Atrazine
 Concen: 48.279 ng
 RT: 16.83 min Scan# 2339
 Delta R.T. -0.01 min
 Lab File: BG043615.D
 Acq: 13 Nov 2019 16:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:200 Resp: 80477
 Ion Ratio Lower Upper
 200 100
 173 22.7 4.7 44.7
 215 47.9 28.5 68.5

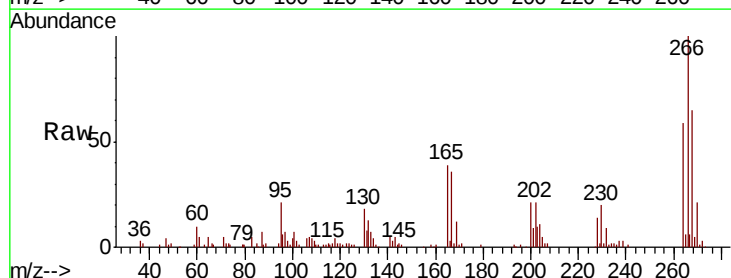


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

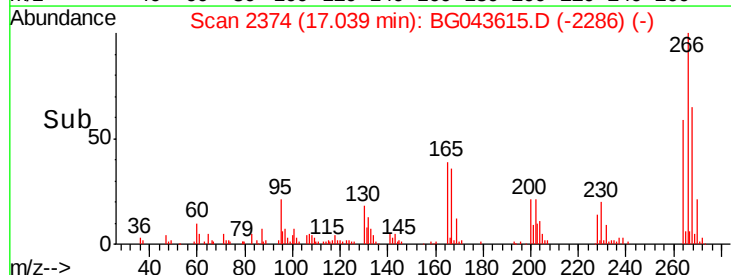
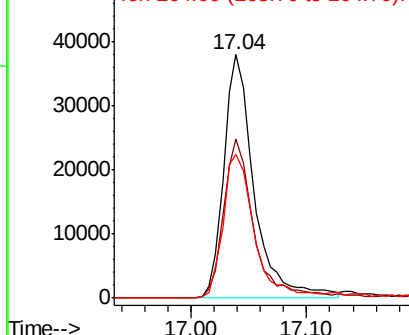


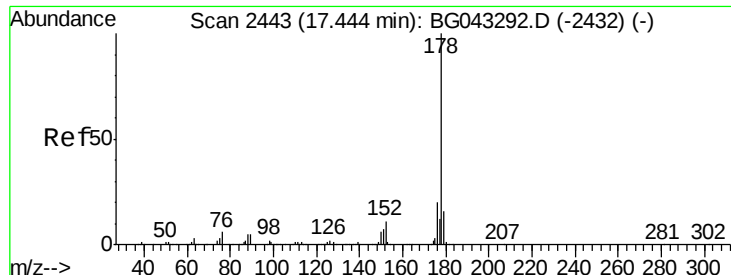
#70
 Pentachlorophenol
 Concen: 57.609 ng
 RT: 17.04 min Scan# 2374
 Delta R.T. -0.01 min
 Lab File: BG043615.D
 Acq: 13 Nov 2019 16:44

Tgt Ion:266 Resp: 68903
 Ion Ratio Lower Upper
 266 100
 268 65.4 50.4 75.6
 264 59.2 48.9 73.3



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

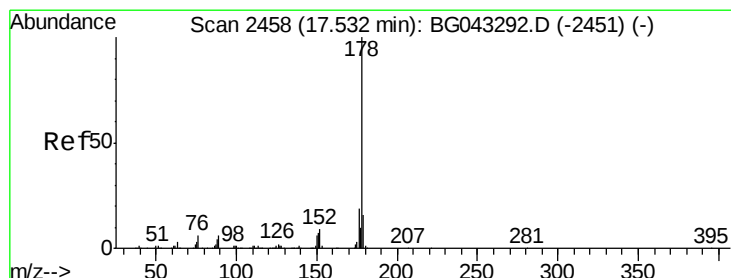
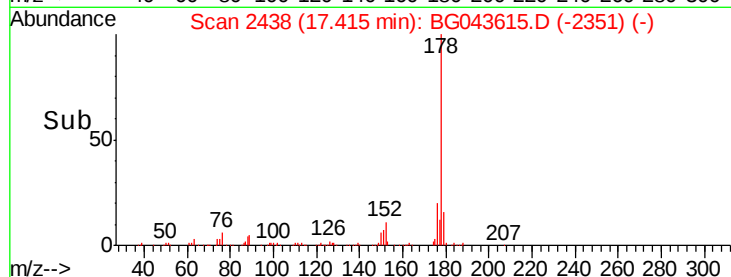
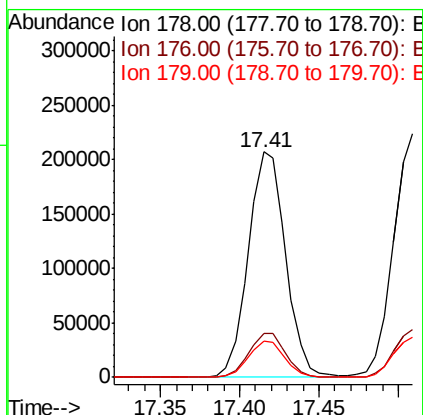
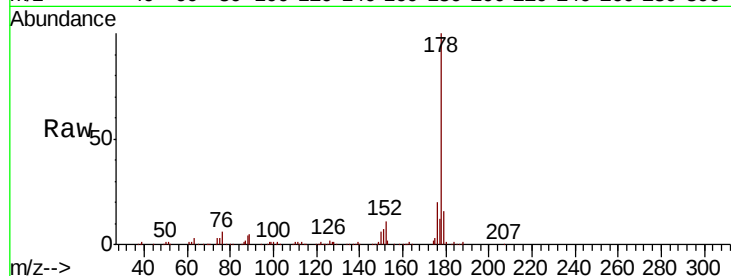




#71
Phenanthrene
Concen: 38.960 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.02 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

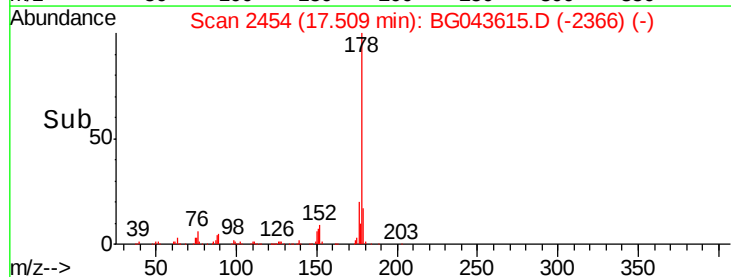
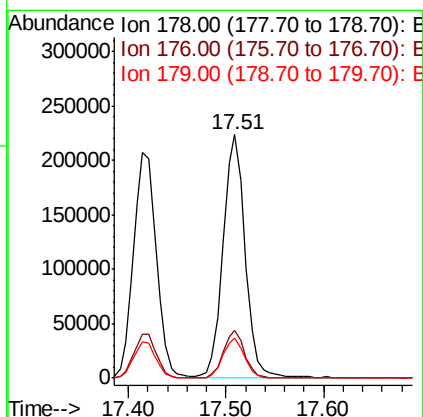
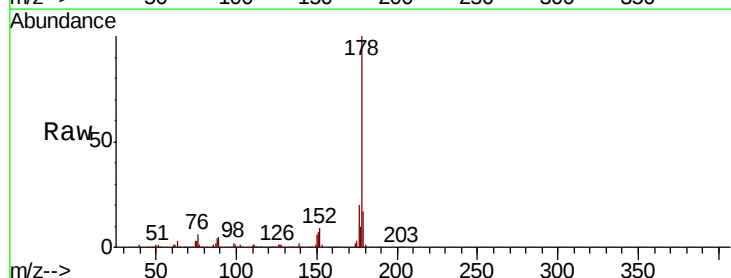
Instrument :
BNA_G
ClientSampled :

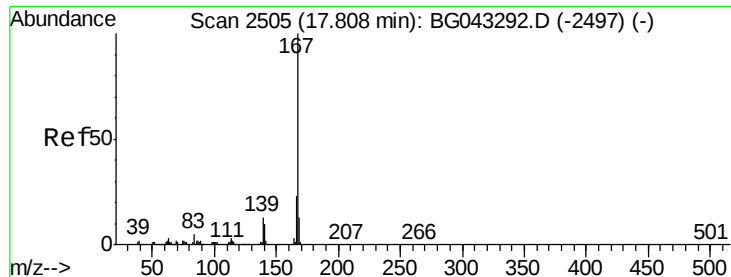
Tot Ion:178 Resp: 338988
Ion Ratio Lower Upper
178 100
176 19.8 15.4 23.0
179 16.2 13.0 19.6



#72
Anthracene
Concen: 40.146 ng
RT: 17.51 min Scan# 2454
Delta R.T. -0.01 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Tgt Ion:178 Resp: 349494
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 16.7 13.7 20.5





#73

Carbazole

Concen: 40.380 ng

RT: 17.79 min Scan# 2501

Delta R.T. -0.01 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

Instrument :

BNA_G

ClientSampleId :

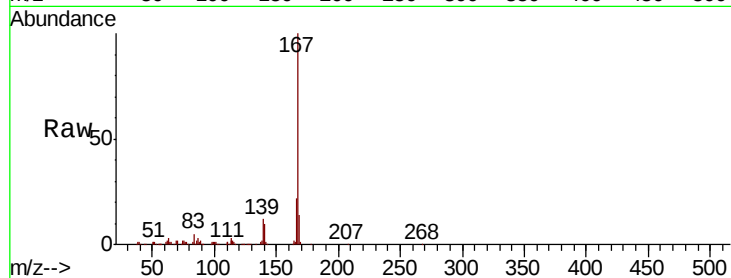
Tot Ion:167 Resp: 318338

Ion Ratio Lower Upper

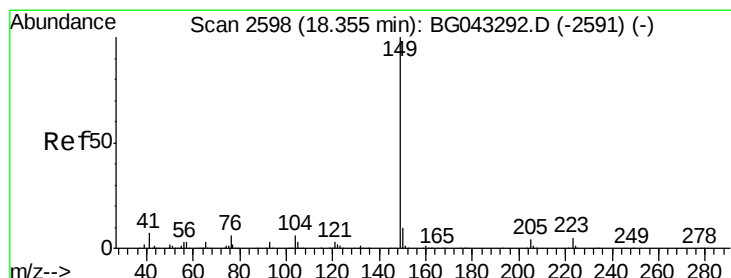
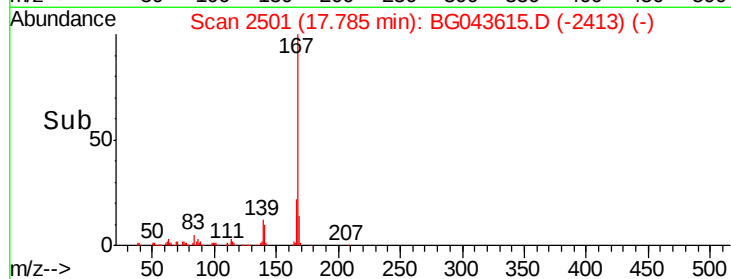
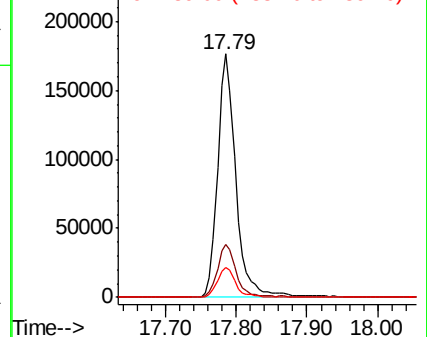
167 100

166 21.6 18.7 28.1

139 12.4 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 38.937 ng

RT: 18.33 min Scan# 2594

Delta R.T. -0.01 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

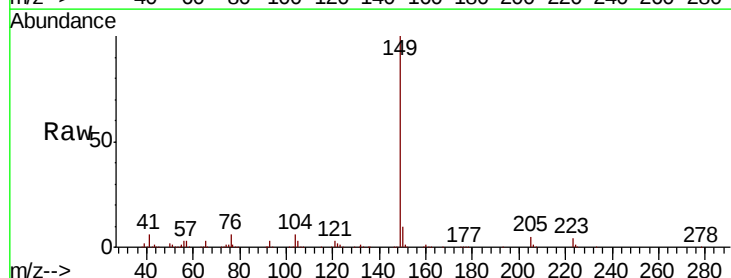
Tgt Ion:149 Resp: 372455

Ion Ratio Lower Upper

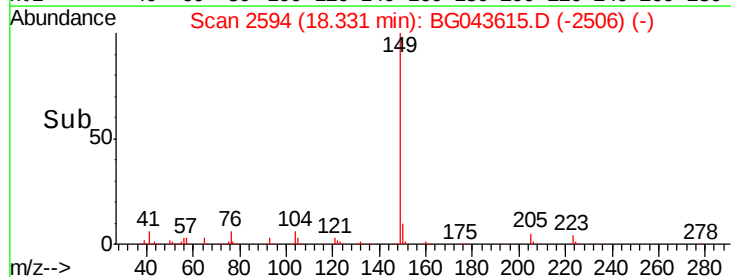
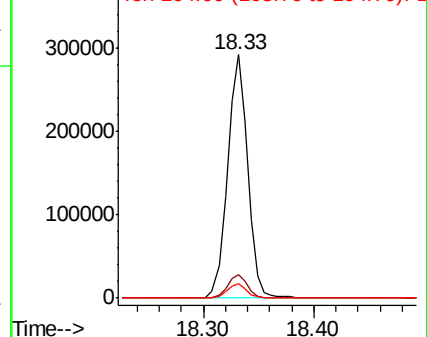
149 100

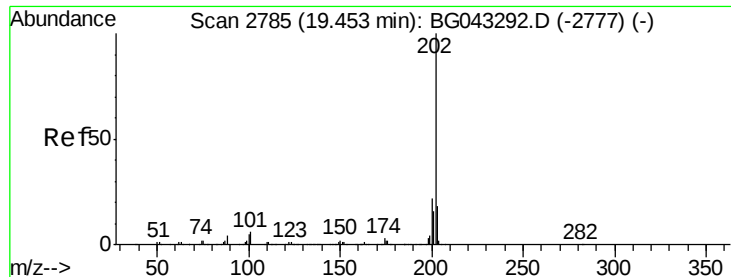
150 9.8 8.0 12.0

104 5.9 4.4 6.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.991 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.02 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

Instrument :

BNA_G

ClientSampleId :

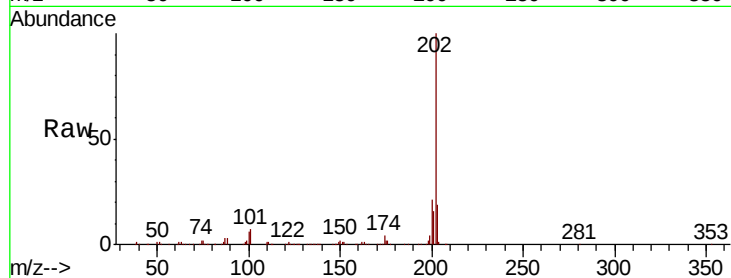
Tot Ion:202 Resp: 453631

Ion Ratio Lower Upper

202 100

101 6.6 0.0 26.3

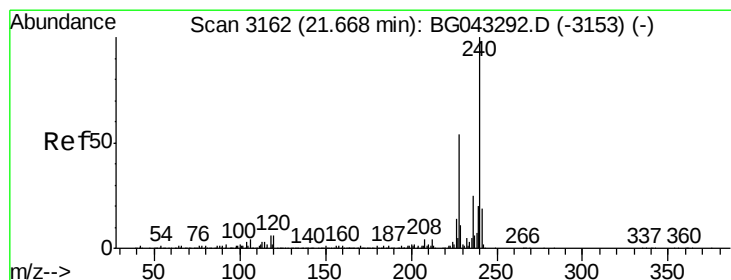
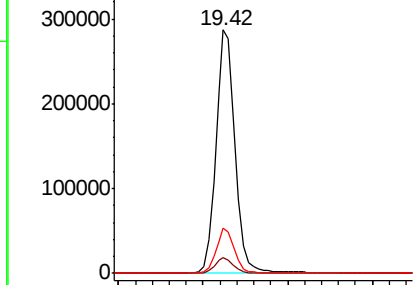
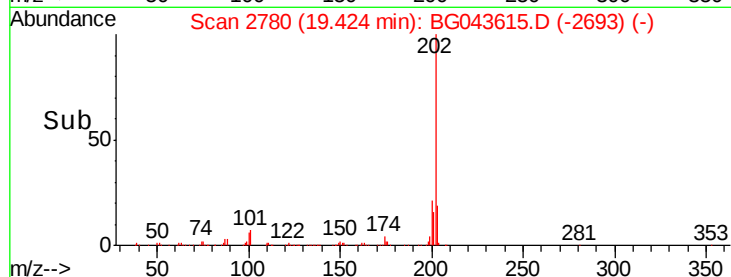
203 18.6 0.0 37.9



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: BG043615.D

Acq: 13 Nov 2019 16:44

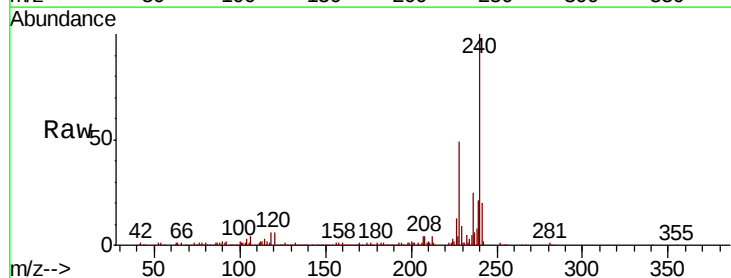
Tgt Ion:240 Resp: 190161

Ion Ratio Lower Upper

240 100

120 5.7 4.6 6.8

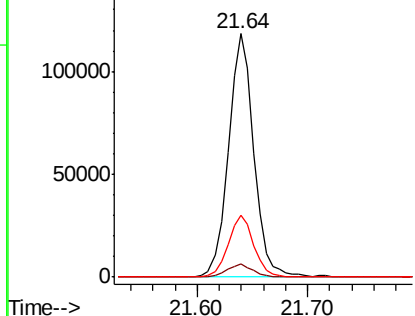
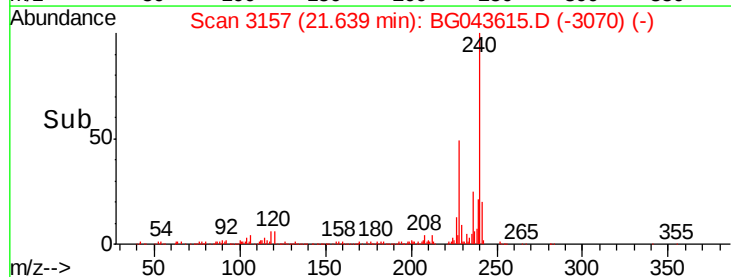
236 25.2 19.8 29.8

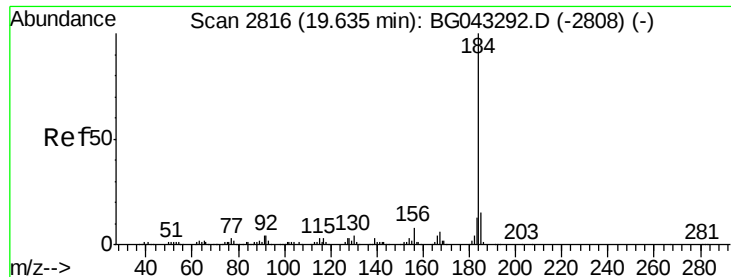


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 44.935 ng

RT: 19.61 min Scan# 2812

Delta R.T. -0.01 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

Instrument :

BNA_G

ClientSampled :

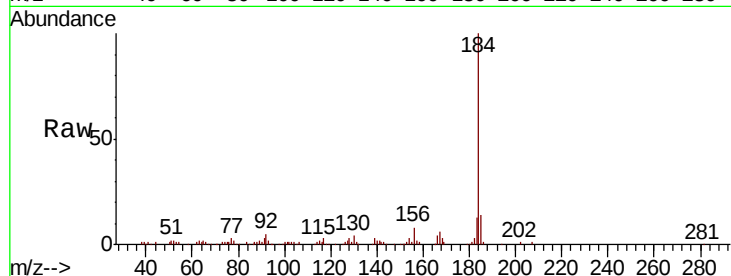
Tot Ion:184 Resp: 171967

Ion Ratio Lower Upper

184 100

185 13.9 11.0 16.4

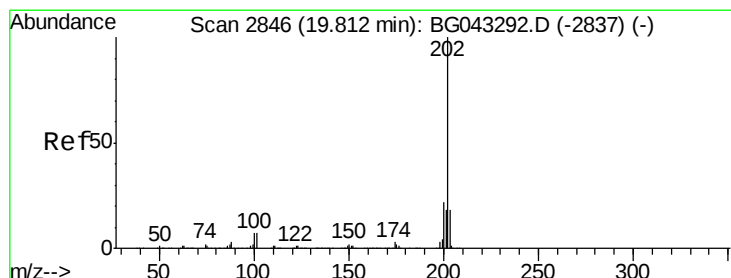
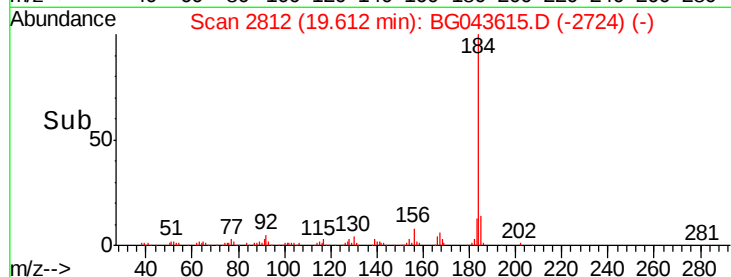
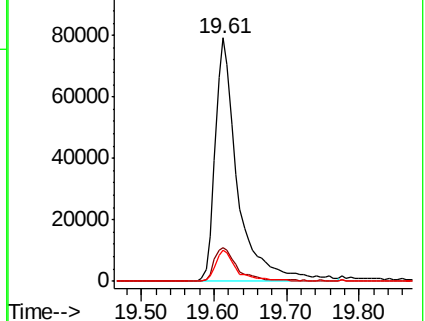
183 12.9 10.0 15.0



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: 39.445 ng

RT: 19.79 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

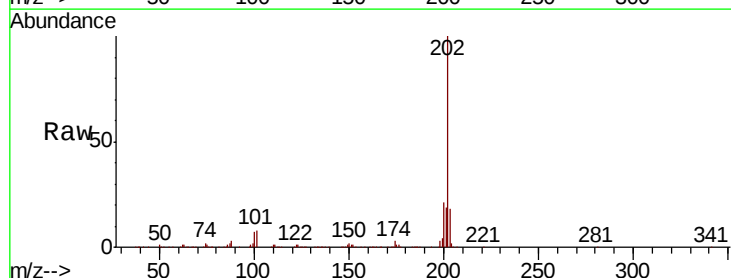
Tgt Ion:202 Resp: 464293

Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.4

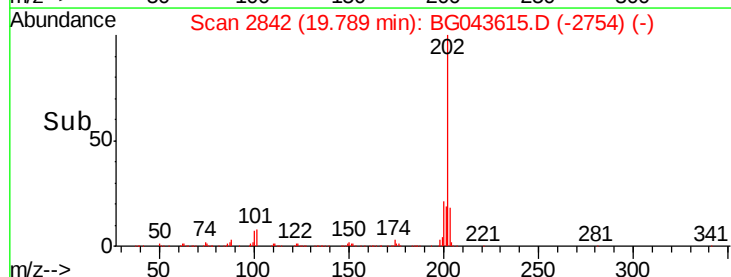
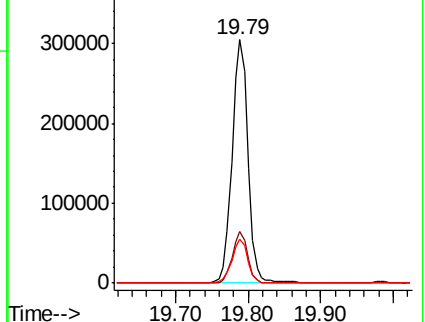
203 18.0 14.7 22.1

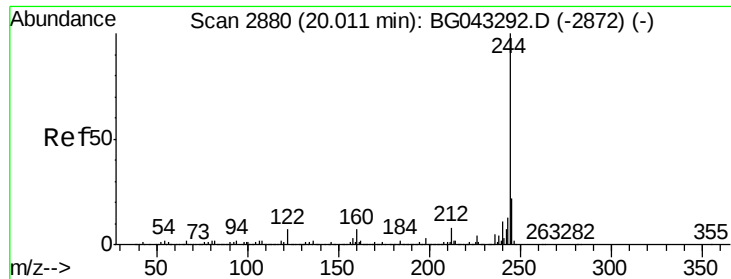


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 61.823 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.02 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

Instrument :

BNA_G

ClientSampleId :

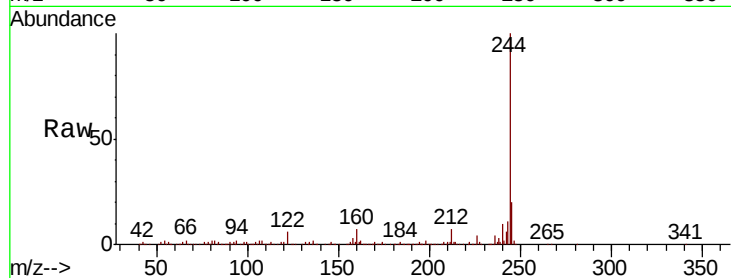
Tot Ion:244 Resp: 626652

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

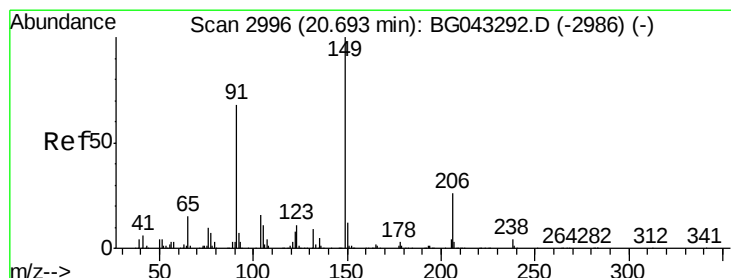
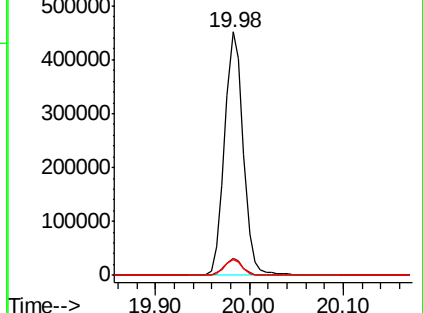
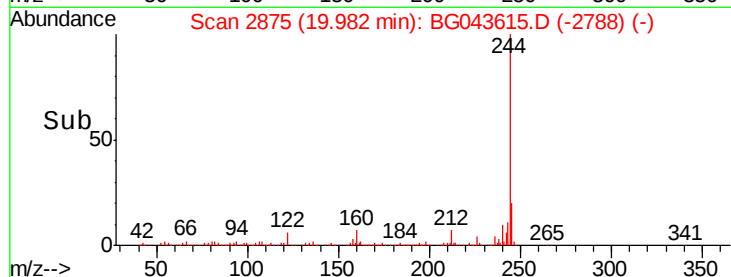
122 6.2 5.4 8.2



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: 39.239 ng

RT: 20.67 min Scan# 2992

Delta R.T. -0.02 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

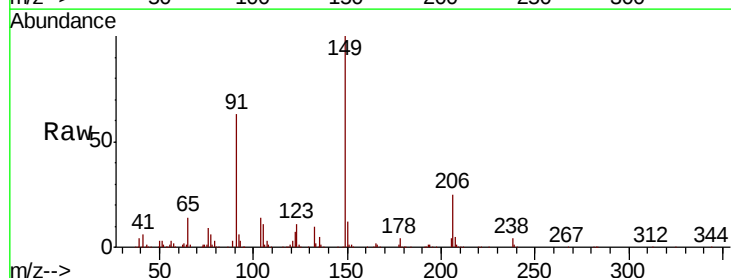
Tgt Ion:149 Resp: 174983

Ion Ratio Lower Upper

149 100

91 62.7 51.2 76.8

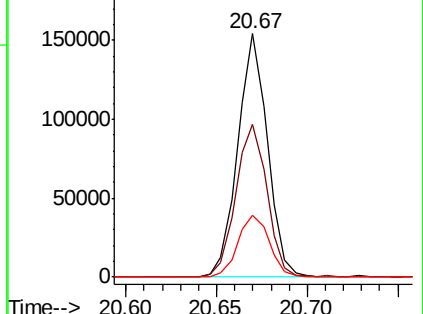
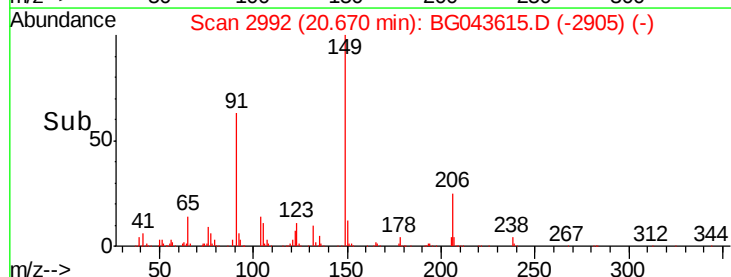
206 25.3 22.5 33.7

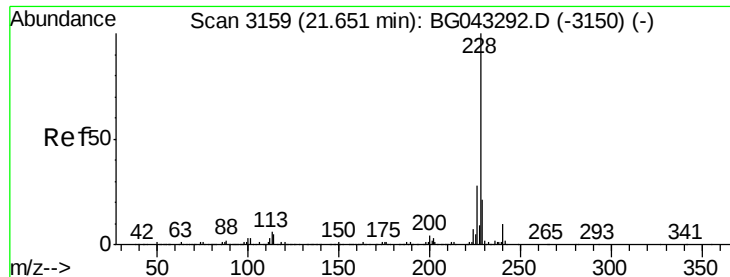


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

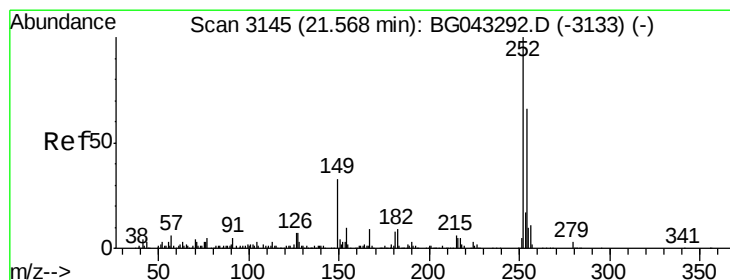
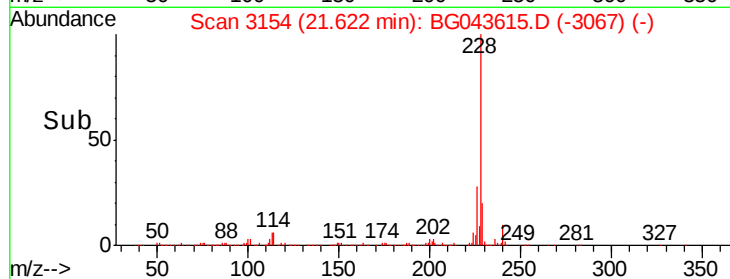
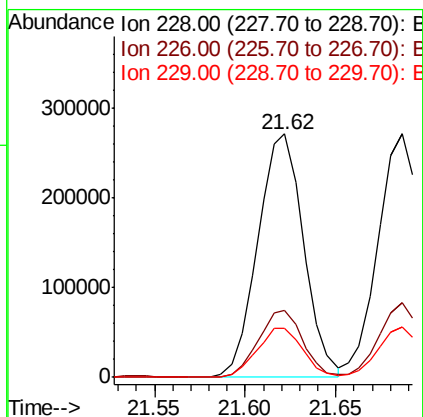
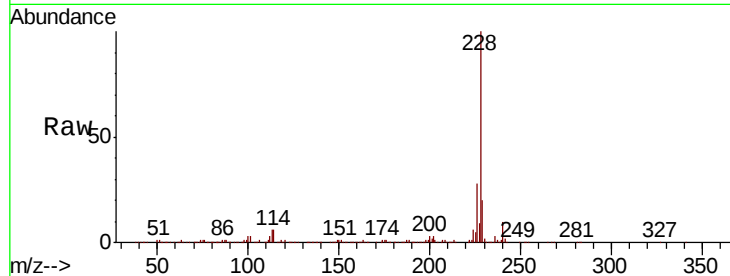




#81
Benzo(a)anthracene
Concen: 39.923 ng
RT: 21.62 min Scan# 3154
Delta R.T. -0.02 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

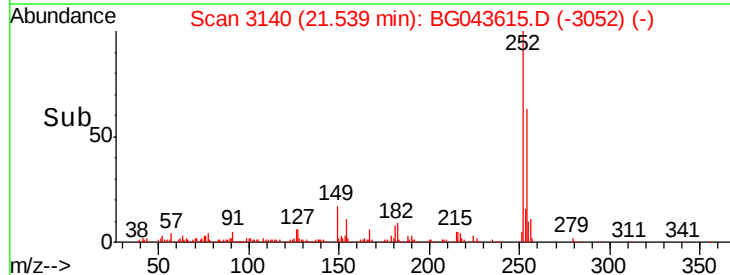
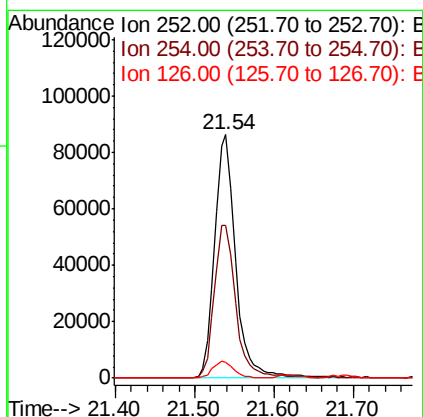
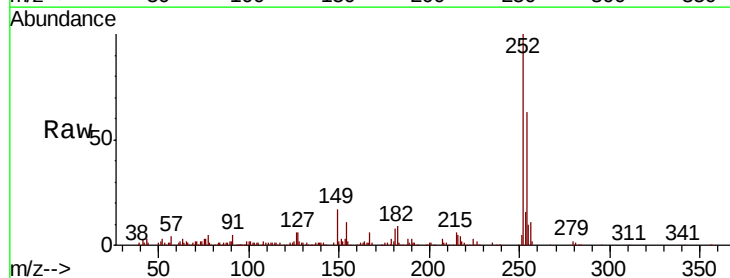
Instrument :
BNA_G
ClientSampleId :

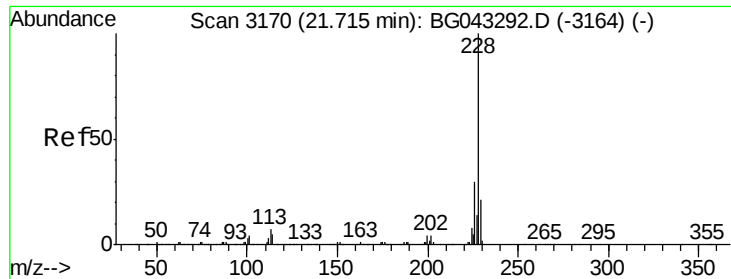
Tot Ion:228 Resp: 475548
Ion Ratio Lower Upper
228 100
226 27.6 22.2 33.2
229 20.1 17.0 25.4



#82
3,3'-Dichlorobenzidine
Concen: 34.576 ng
RT: 21.54 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Tgt Ion:252 Resp: 159298
Ion Ratio Lower Upper
252 100
254 62.8 50.8 76.2
126 6.3 6.1 9.1





#83

Chrysene

Concen: 39.255 ng

RT: 21.69 min Scan# 3165

Delta R.T. -0.02 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

Instrument :

BNA_G

ClientSampleId :

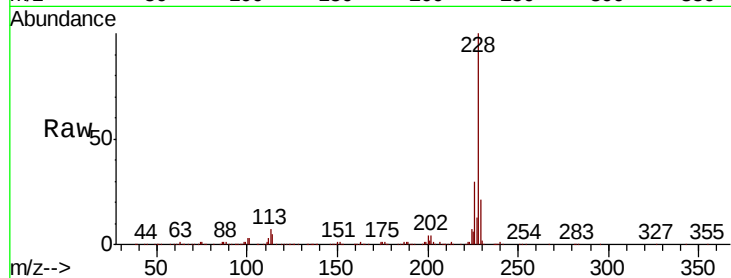
Tot Ion:228 Resp: 464582

Ion Ratio Lower Upper

228 100

226 30.4 25.1 37.7

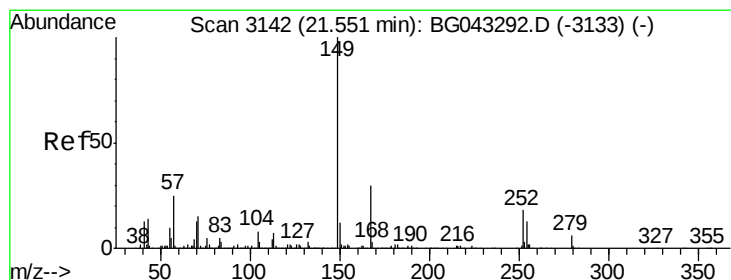
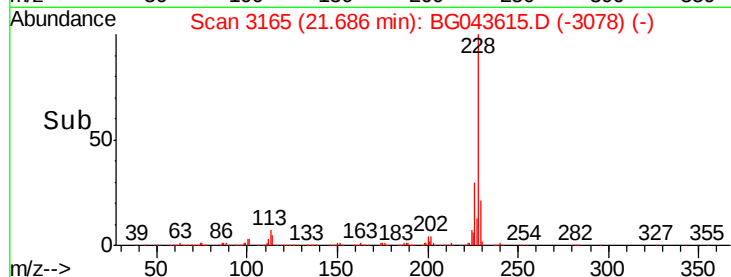
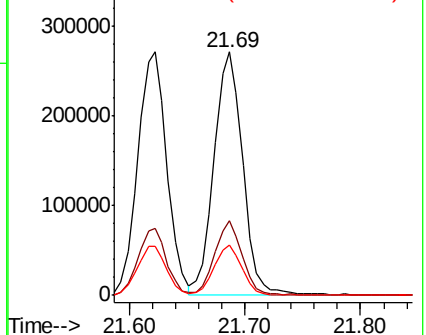
229 20.8 17.0 25.4



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: 40.076 ng

RT: 21.52 min Scan# 3137

Delta R.T. -0.02 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

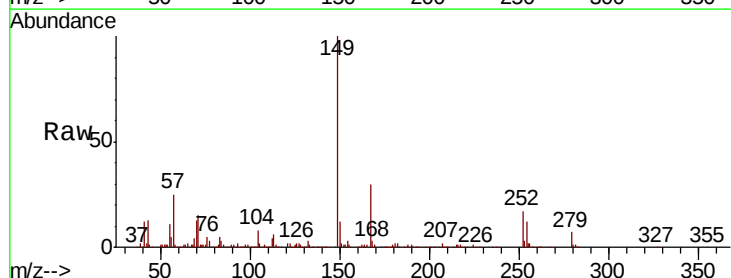
Tgt Ion:149 Resp: 253872

Ion Ratio Lower Upper

149 100

167 29.7 24.0 36.0

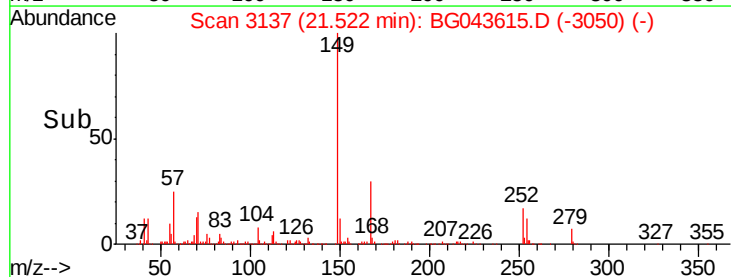
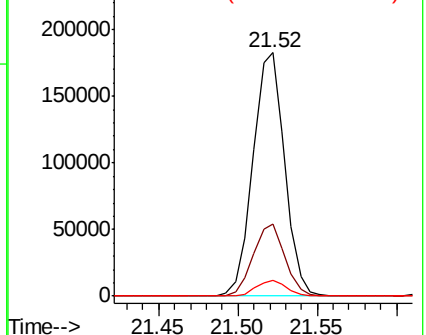
279 6.5 5.4 8.2

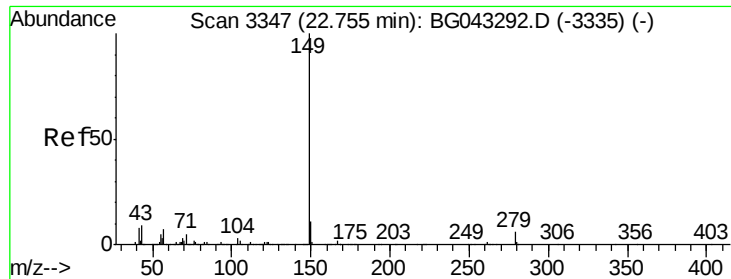


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

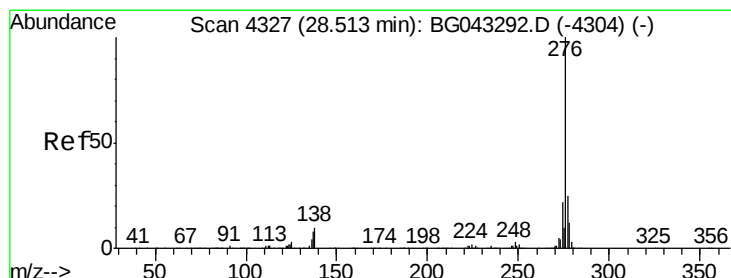
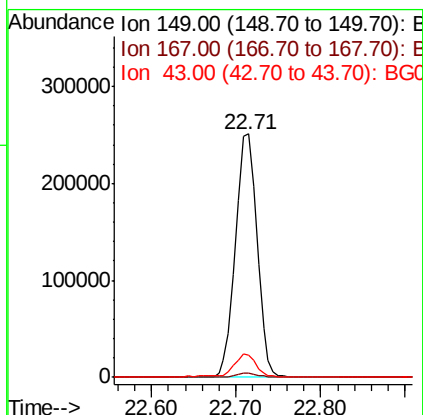
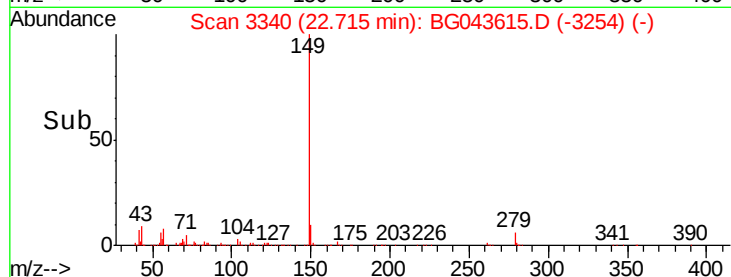
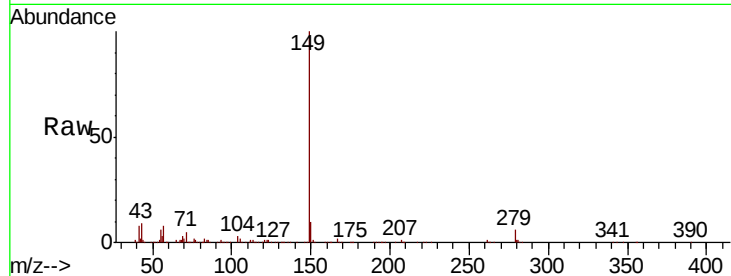




#85
Di-n-octyl phthalate
Concen: 41.160 ng
RT: 22.71 min Scan# 3340
Delta R.T. -0.02 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

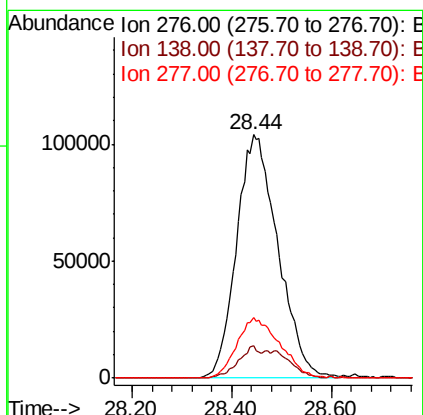
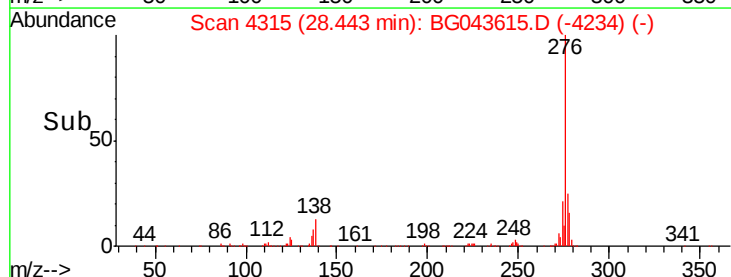
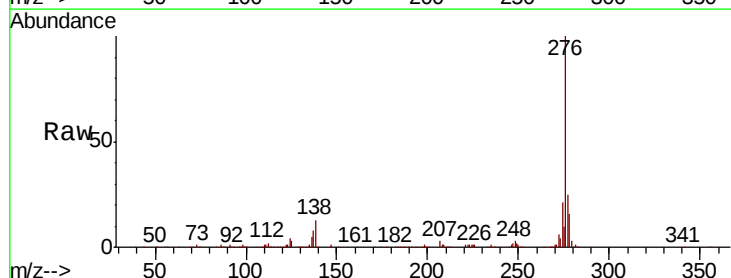
Instrument :
BNA_G
ClientSampleId :

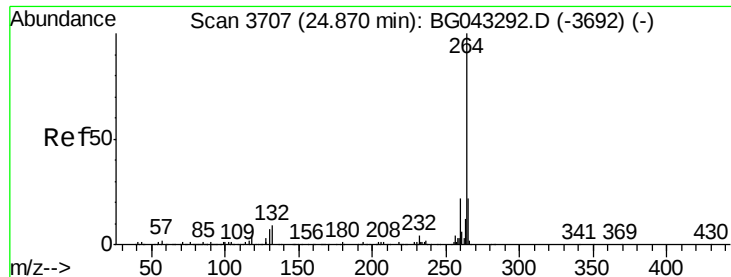
Tot Ion:149 Resp: 442360
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.2
43 10.1 7.0 10.6



#86
Indeno(1,2,3-cd)pyrene
Concen: 40.434 ng
RT: 28.44 min Scan# 4315
Delta R.T. -0.05 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Tgt Ion:276 Resp: 600680
Ion Ratio Lower Upper
276 100
138 7.1 6.8 10.2
277 25.7 20.9 31.3





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.82 min Scan# 3698

Delta R.T. -0.03 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

Instrument :

BNA_G

ClientSampleId :

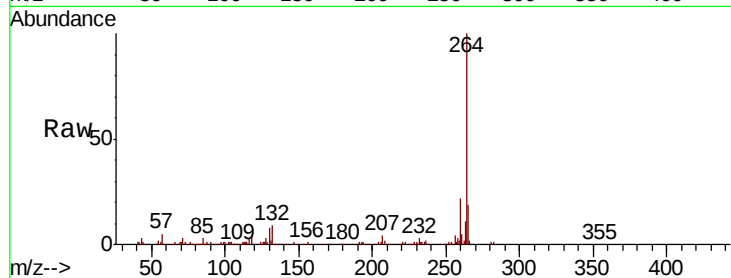
Tot Ion:264 Resp: 215812

Ion Ratio Lower Upper

264 100

260 22.3 17.5 26.3

265 19.1 17.4 26.0

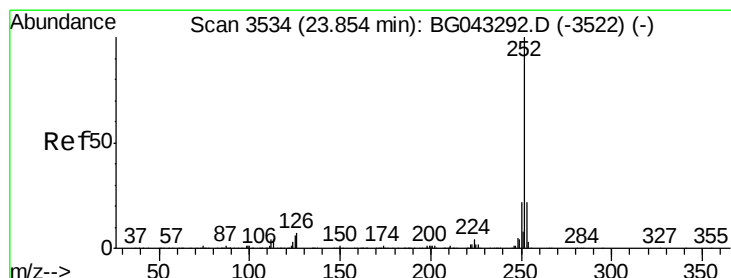
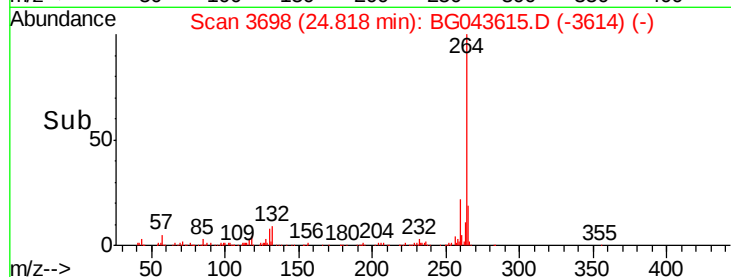
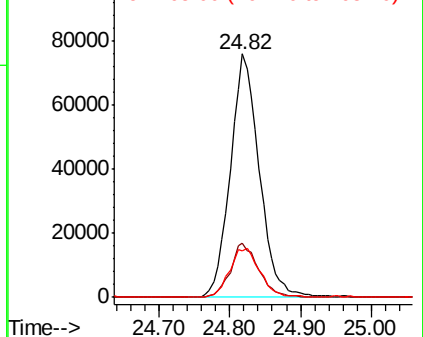


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.591 ng

RT: 23.81 min Scan# 3527

Delta R.T. -0.03 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

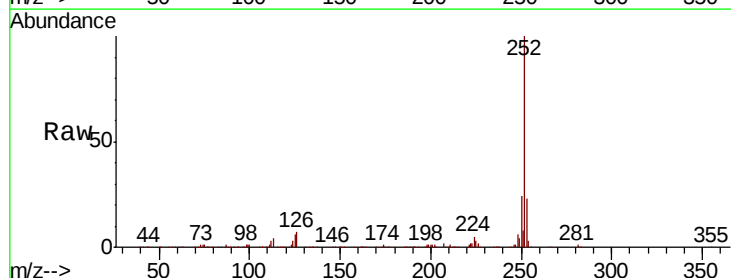
Tgt Ion:252 Resp: 496141

Ion Ratio Lower Upper

252 100

253 22.6 17.7 26.5

125 5.7 4.5 6.7

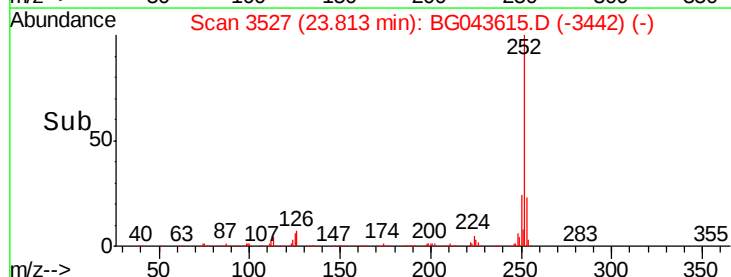
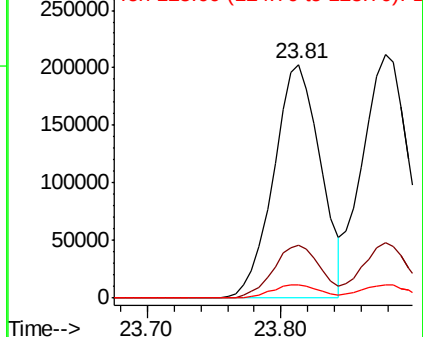


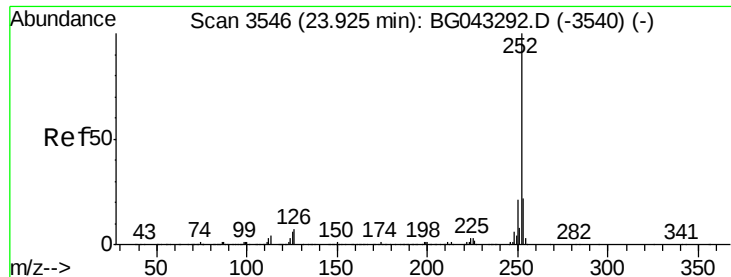
Abundance

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

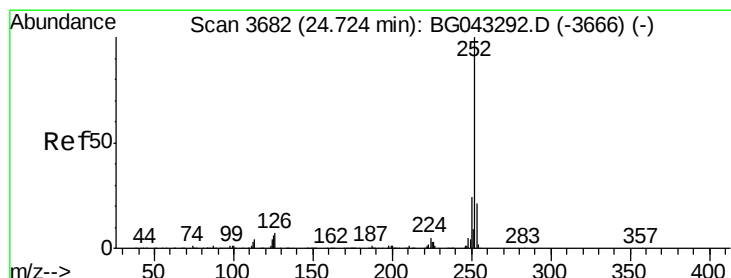
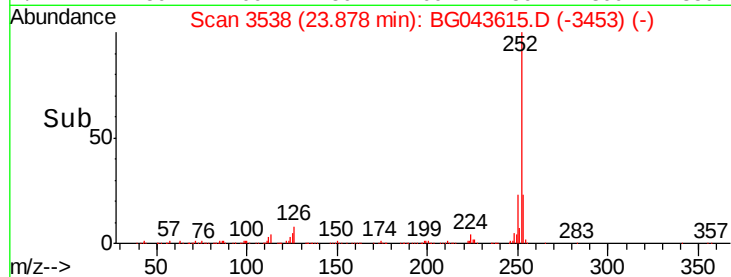
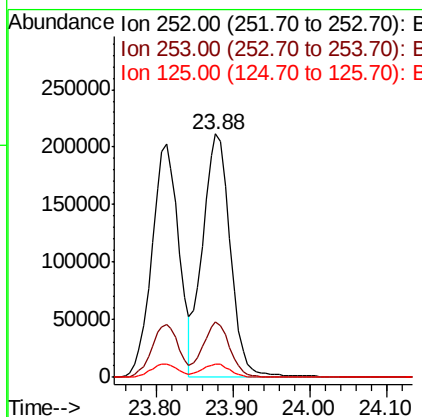
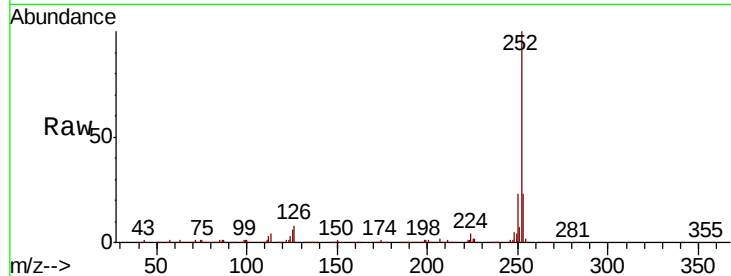




#89
Benzo(k)fluoranthene
Concen: 42.397 ng
RT: 23.88 min Scan# 3538
Delta R.T. -0.03 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

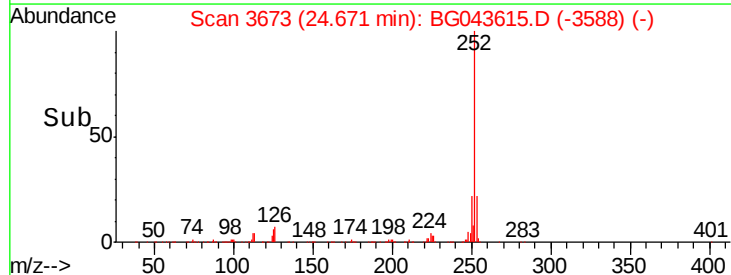
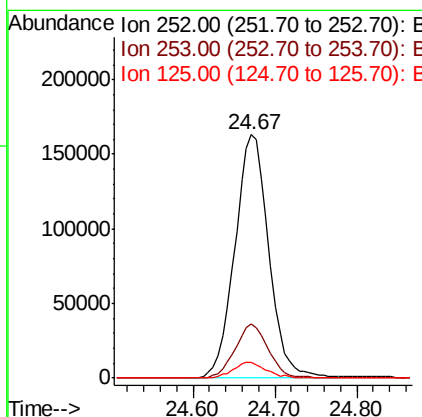
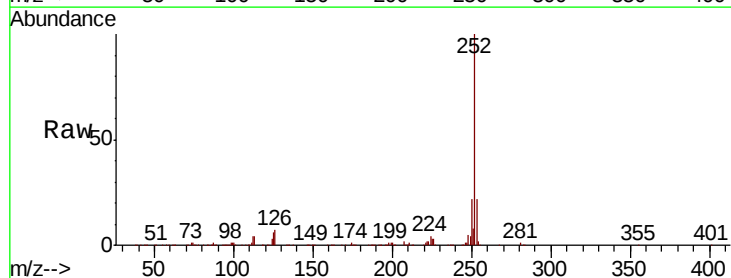
Instrument :
BNA_G
ClientSampled :

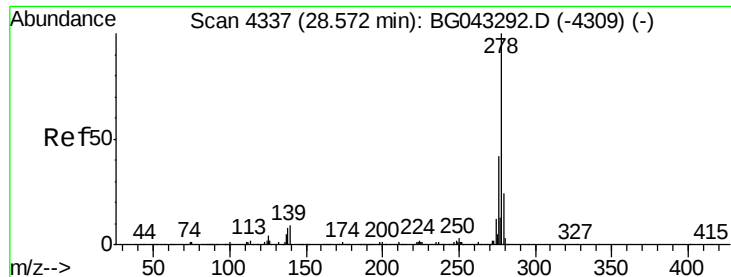
Tot Ion:252 Resp: 521689
Ion Ratio Lower Upper
252 100
253 22.7 17.3 25.9
125 5.5 4.6 6.8



#90
Benzo(a)pyrene
Concen: 40.339 ng
RT: 24.67 min Scan# 3673
Delta R.T. -0.03 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Tgt Ion:252 Resp: 470839
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 6.3 5.4 8.2





#91

Dibenzo(a,h)anthracene

Concen: 42.322 ng

RT: 28.50 min Scan# 4325

Delta R.T. -0.05 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

Instrument :

BNA_G

ClientSampleId :

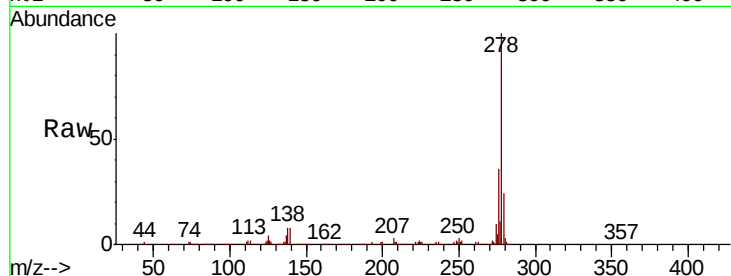
Tot Ion:278 Resp: 505268

Ion Ratio Lower Upper

278 100

139 8.4 7.4 11.0

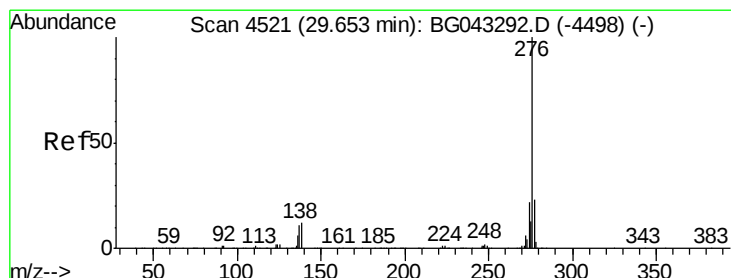
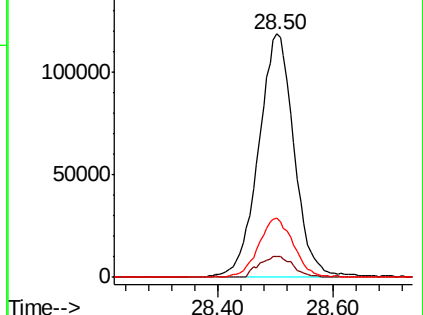
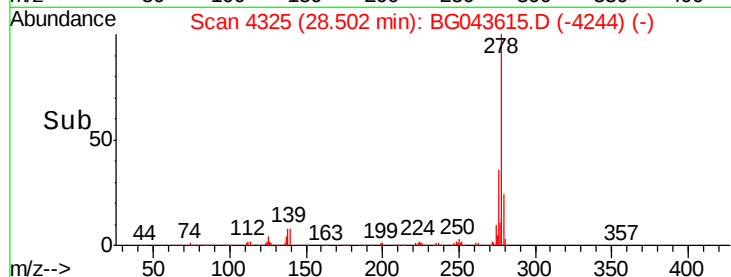
279 24.4 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 42.931 ng

RT: 29.58 min Scan# 4508

Delta R.T. -0.05 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

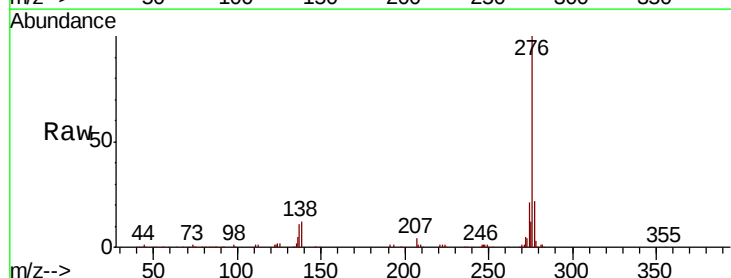
Tgt Ion:276 Resp: 505569

Ion Ratio Lower Upper

276 100

277 21.8 18.9 28.3

138 11.9 8.9 13.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

