

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112219\
 Data File : BG043747.D
 Acq On : 22 Nov 2019 18:24
 Operator : JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 23 00:00:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 22 23:55:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	97806	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	411038	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	290904	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	673278	20.00	ng	0.00
76) Chrysene-d12	21.67	240	430485	20.00	ng	0.00
87) Perylene-d12	24.85	264	504138	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	636336	119.22	ng	0.00
7) Phenol-d6	7.19	99	913242	118.92	ng	0.00
23) Nitrobenzene-d5	9.19	82	919444	115.32	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	403260	72.84	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1992517	94.65	ng	0.00
79) Terphenyl-d14	20.02	244	2771602	120.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	137408	66.063	ng	98
3) Pyridine	3.91	79	410360	78.212	ng	98
4) n-Nitrosodimethylamine	3.83	42	218749	82.622	ng	# 97
6) Aniline	7.36	93	597887	67.586	ng	96
8) 2-Chlorophenol	7.60	128	362251	61.483	ng	97
9) Benzaldehyde	7.16	77	237195	62.851	ng	97
10) Phenol	7.21	94	475536	67.766	ng	99
11) bis(2-Chloroethyl)ether	7.45	93	392926	72.423	ng	97
12) 1,3-Dichlorobenzene	7.93	146	424757	57.539	ng	97
13) 1,4-Dichlorobenzene	8.07	146	424516	56.838	ng	97
14) 1,2-Dichlorobenzene	8.39	146	412146	56.516	ng	98
15) Benzyl Alcohol	8.27	79	395067	73.253	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	692611	87.795	ng	98
17) 2-Methylphenol	8.47	107	339810	66.426	ng	97
18) Hexachloroethane	9.12	117	166287	61.709	ng	97
19) n-Nitroso-di-n-propylamine	8.85	70	358276	72.201	ng	# 96
20) 3+4-Methylphenols	8.80	107	478432	68.203	ng	94
22) Acetophenone	8.85	105	632088	60.049	ng	99
24) Nitrobenzene	9.23	77	458576	60.378	ng	100
25) Isophorone	9.76	82	931388	63.896	ng	97
26) 2-Nitrophenol	9.94	139	185489	50.587	ng	97
27) 2,4-Dimethylphenol	10.00	122	331065	62.994	ng	96
28) bis(2-Chloroethoxy)methane	10.24	93	578941	71.962	ng	99
29) 2,4-Dichlorophenol	10.48	162	410301	60.933	ng	98
30) 1,2,4-Trichlorobenzene	10.70	180	466424	54.958	ng	98
31) Naphthalene	10.89	128	1185125	56.802	ng	98
32) Benzoic acid	10.18	122	265069	71.893	ng	96
33) 4-Chloroaniline	10.98	127	581857	68.034	ng	97
34) Hexachlorobutadiene	11.19	225	313596	49.986	ng	98
35) Caprolactam	11.78	113	117396	50.621	ng	92
36) 4-Chloro-3-methylphenol	12.10	107	442575	60.255	ng	98
37) 2-Methylnaphthalene	12.49	142	914358	57.117	ng	98
38) 1-Methylnaphthalene	12.71	142	859705	56.441	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	555727	51.619	ng	99

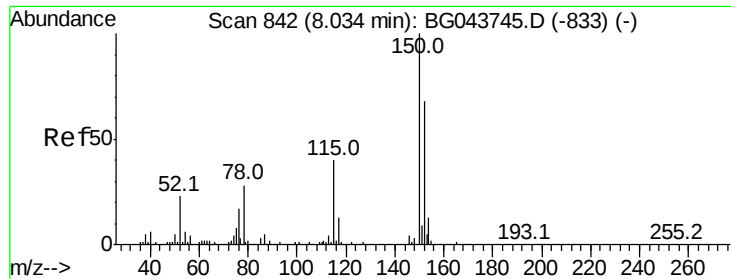
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112219\
 Data File : BG043747.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	315027	55.704	ng	100
43) 2,4,6-Trichlorophenol	13.09	196	364490	57.489	ng	99
44) 2,4,5-Trichlorophenol	13.16	196	373644	58.293	ng	98
46) 1,1'-Biphenyl	13.50	154	1182787	53.446	ng	98
47) 2-Chloronaphthalene	13.54	162	966970	57.427	ng	96
48) 2-Nitroaniline	13.73	65	306351	60.873	ng	97
49) Acenaphthylene	14.38	152	1463434	55.843	ng	95
50) Dimethylphthalate	14.12	163	1265013	56.142	ng	97
51) 2,6-Dinitrotoluene	14.22	165	268533	54.857	ng	97
52) Acenaphthene	14.72	154	958133	59.952	ng	98
53) 3-Nitroaniline	14.55	138	295710	62.569	ng	98
54) 2,4-Dinitrophenol	14.75	184	114460	44.287	ng	# 66
55) Dibenzofuran	15.06	168	1427518	55.081	ng	95
56) 4-Nitrophenol	14.85	139	239319	75.563	ng	99
57) 2,4-Dinitrotoluene	15.01	165	368623	52.693	ng	99
58) Fluorene	15.71	166	1150000	52.906	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	362063	53.166	ng	# 88
60) Diethylphthalate	15.49	149	1286867	56.840	ng	96
61) 4-Chlorophenyl-phenylether	15.70	204	660271	52.069	ng	98
62) 4-Nitroaniline	15.72	138	310913	63.699	ng	99
63) Azobenzene	15.99	77	1188600	64.868	ng	96
65) 4,6-Dinitro-2-methylphenol	15.78	198	169365	42.745	ng	97
66) n-Nitrosodiphenylamine	15.92	169	1073648	56.483	ng	97
67) 4-Bromophenyl-phenylether	16.59	248	446921	49.325	ng	97
68) Hexachlorobenzene	16.72	284	472143	45.395	ng	97
69) Atrazine	16.86	200	395080	59.815	ng	98
70) Pentachlorophenol	17.05	266	297368	62.746	ng	97
71) Phenanthrene	17.44	178	1867014	54.153	ng	94
72) Anthracene	17.54	178	1872249	54.276	ng	94
73) Carbazole	17.80	167	1721721	55.117	ng	94
74) Di-n-butylphthalate	18.38	149	2090028	55.142	ng	# 94
75) Fluoranthene	19.45	202	2202916	49.011	ng	94
77) Benzidine	19.62	184	820933	94.756	ng	97
78) Pyrene	19.81	202	2190092	82.191	ng	93
80) Butylbenzylphthalate	20.71	149	803227	79.564	ng	98
81) Benzo(a)anthracene	21.65	228	1686175	62.531	ng	99
82) 3,3'-Dichlorobenzidine	21.56	252	605759	58.081	ng	98
83) Chrysene	21.72	228	1593521	59.477	ng	99
84) Bis(2-ethylhexyl)phthalate	21.59	149	976084	68.065	ng	99
85) Di-n-octyl phthalate	22.80	149	1752416	72.028	ng	99
86) Indeno(1,2,3-cd)pyrene	28.48	276	2047329	60.877	ng	97
88) Benzo(b)fluoranthene	23.84	252	1702674	59.633	ng	97
89) Benzo(k)fluoranthene	23.92	252	1653453	57.523	ng	99
90) Benzo(a)pyrene	24.71	252	1635770	59.993	ng	98
91) Dibenzo(a,h)anthracene	28.55	278	1647076	59.058	ng	99
92) Benzo(g,h,i)perylene	29.61	276	1629561	59.236	ng	99

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

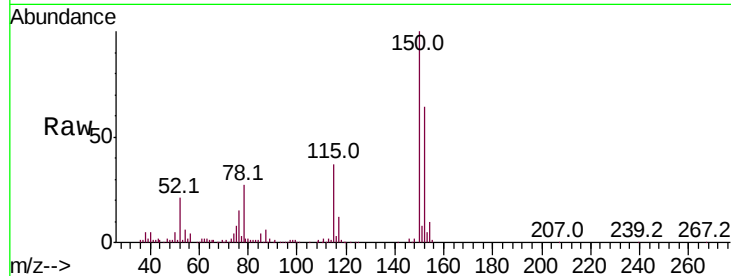


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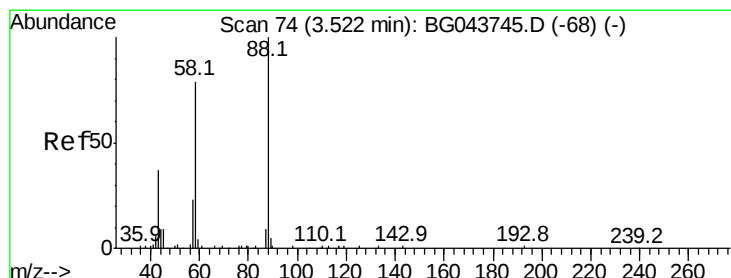
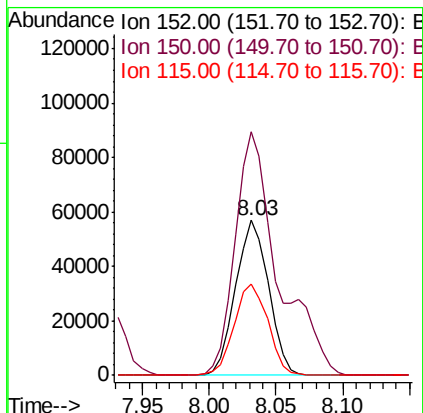
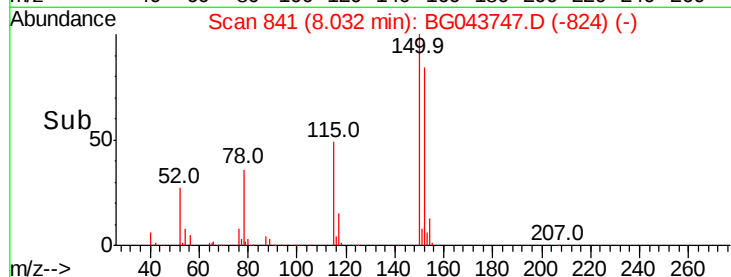
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG043747.D
Acq: 22 Nov 2019 18:24

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	117.8	176.8
115	58.8	47.0	70.4



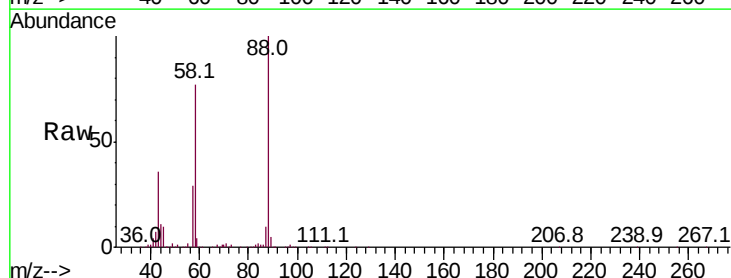
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



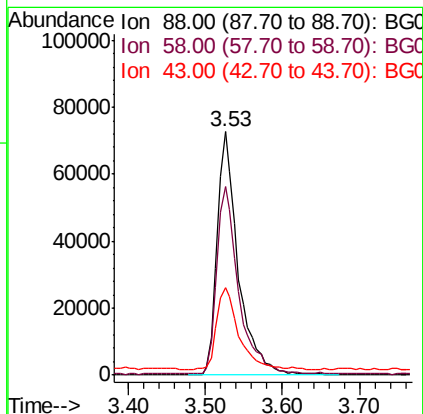
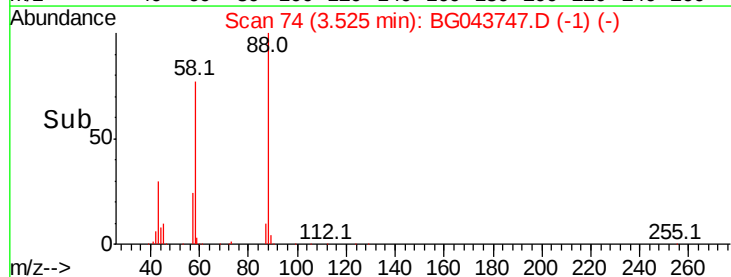
#2

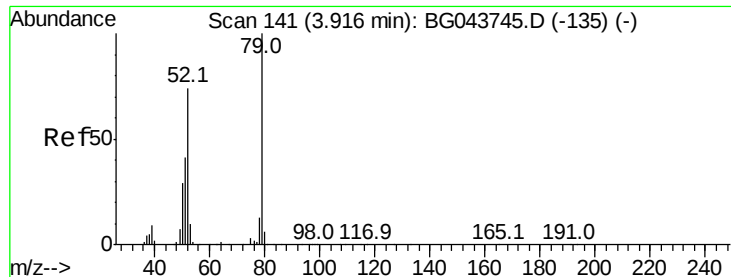
1,4-Dioxane
Concen: 66.063 ng
RT: 3.53 min Scan# 74
Delta R.T. 0.00 min
Lab File: BG043747.D
Acq: 22 Nov 2019 18:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.3	62.3	93.5
43	34.7	28.9	43.3



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: 78.212 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.00 min

Lab File: BG043747.D

Acq: 22 Nov 2019 18:24

Instrument :

BNA_G

ClientSampled :

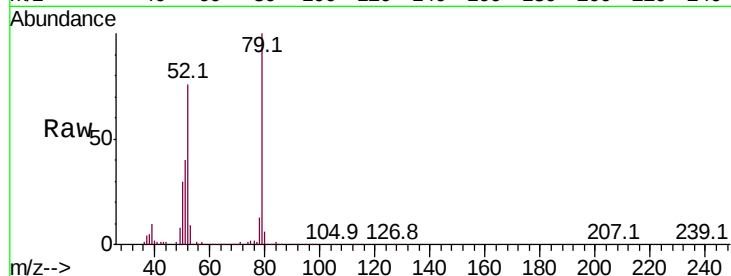
Tot Ion: 79 Resp: 410360

Ion Ratio Lower Upper

79 100

52 75.9 59.0 88.6

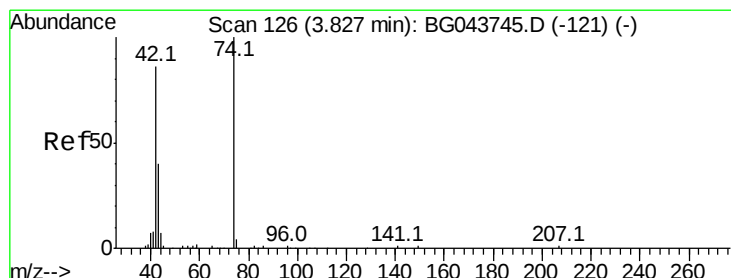
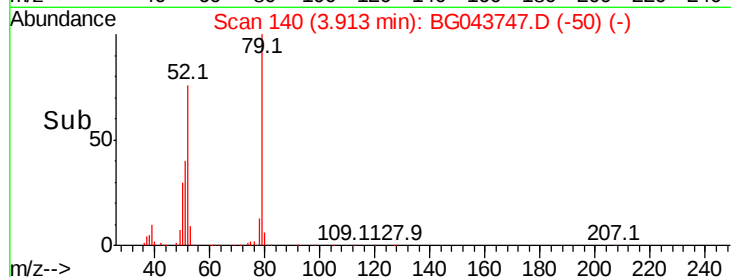
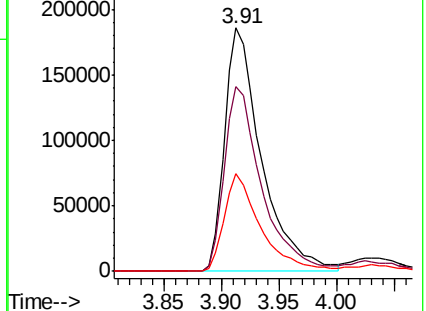
51 40.0 32.9 49.3



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: 82.622 ng

RT: 3.83 min Scan# 126

Delta R.T. 0.00 min

Lab File: BG043747.D

Acq: 22 Nov 2019 18:24

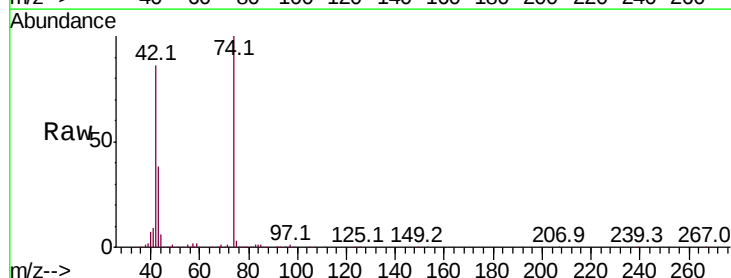
Tgt Ion: 42 Resp: 218749

Ion Ratio Lower Upper

42 100

74 116.8 91.9 137.9

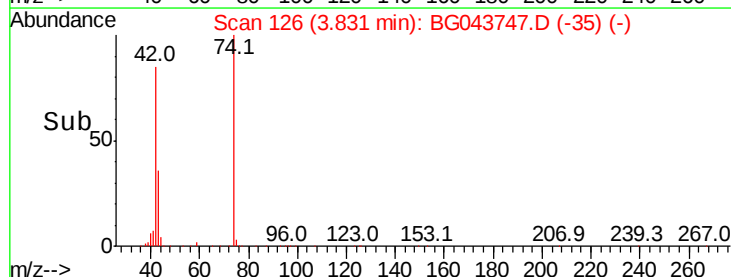
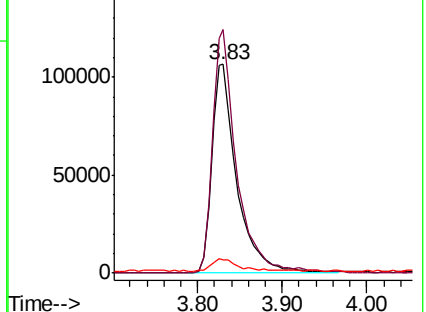
44 6.4 9.1 13.7#

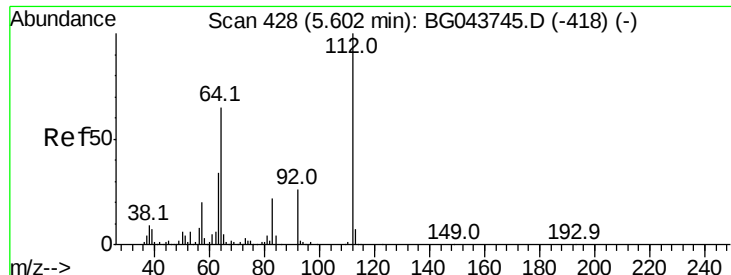


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 119.221 ng

RT: 5.61 min Scan# 428

Delta R.T. 0.00 min

Lab File: BG043747.D

Acq: 22 Nov 2019 18:24

Instrument :

BNA_G

ClientSampleId :

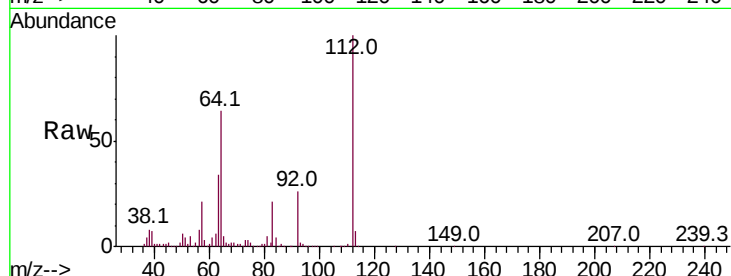
Tot Ion:112 Resp: 636336

Ion Ratio Lower Upper

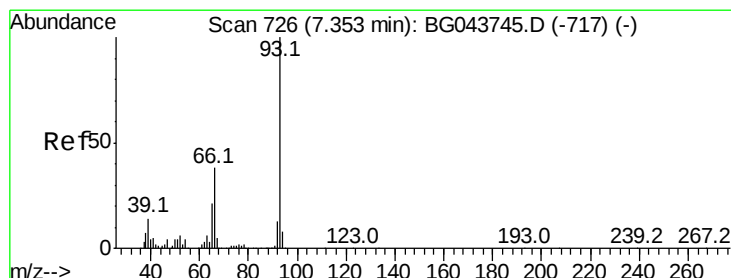
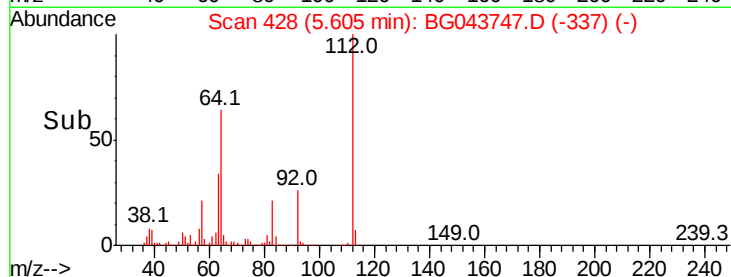
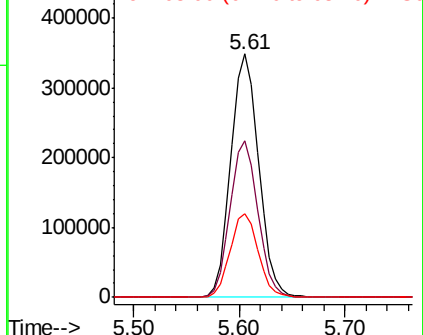
112 100

64 64.2 51.7 77.5

63 34.1 26.8 40.2



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: 67.586 ng

RT: 7.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BG043747.D

Acq: 22 Nov 2019 18:24

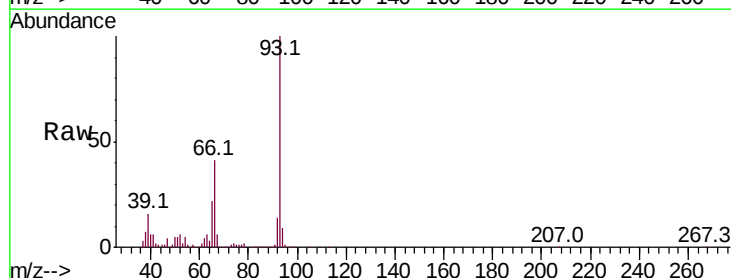
Tgt Ion: 93 Resp: 597887

Ion Ratio Lower Upper

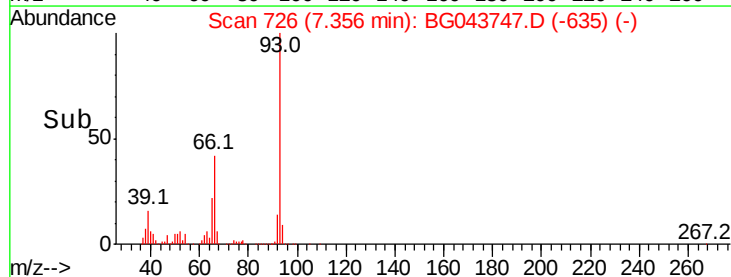
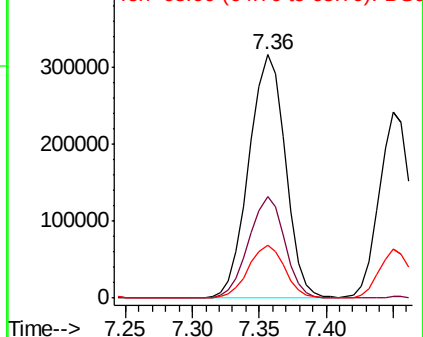
93 100

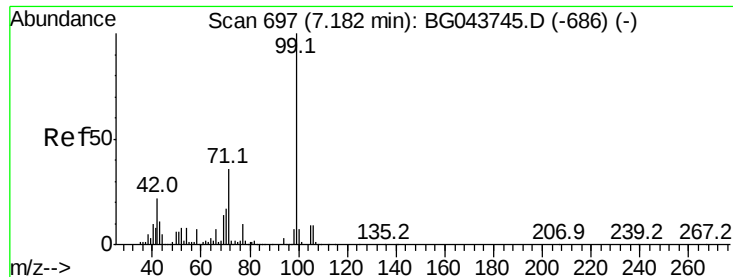
66 41.5 30.6 46.0

65 21.5 16.8 25.2



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: 118.922 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.01 min

Lab File: BG043747.D

Acq: 22 Nov 2019 18:24

Instrument :

BNA_G

ClientSampleId :

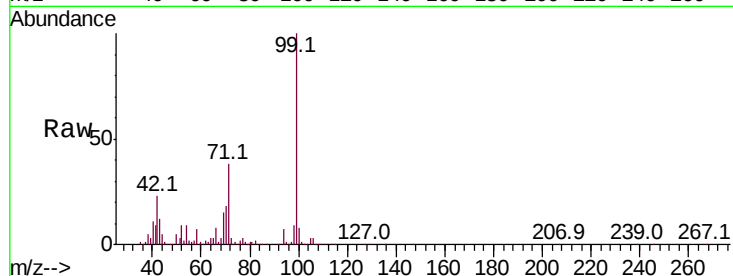
Tot Ion: 99 Resp: 913242

Ion Ratio Lower Upper

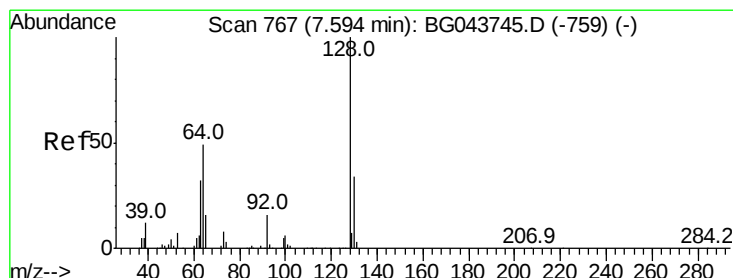
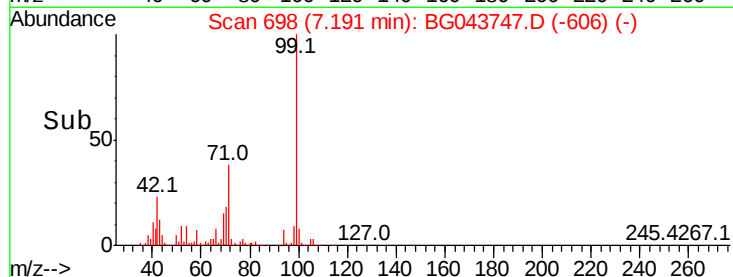
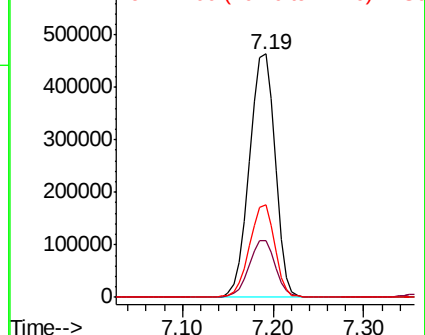
99 100

42 23.1 17.4 26.0

71 37.8 29.5 44.3



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: 61.483 ng

RT: 7.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BG043747.D

Acq: 22 Nov 2019 18:24

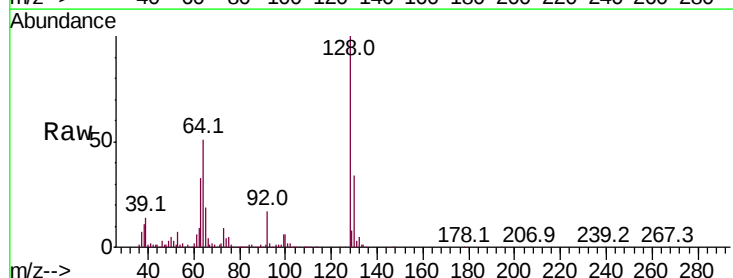
Tgt Ion: 128 Resp: 362251

Ion Ratio Lower Upper

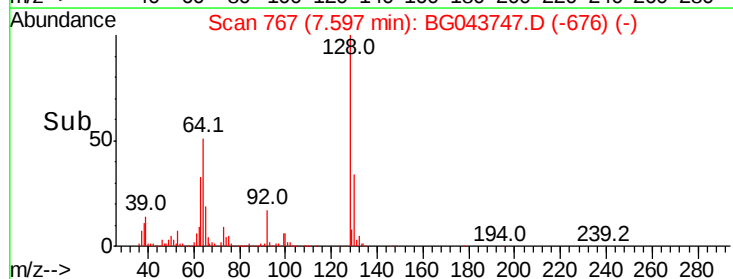
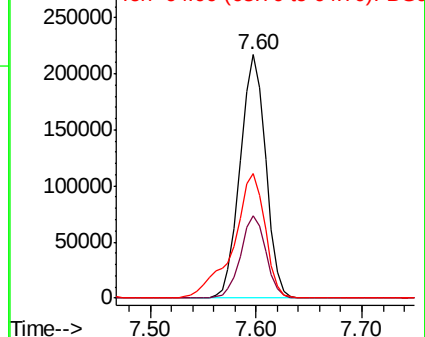
128 100

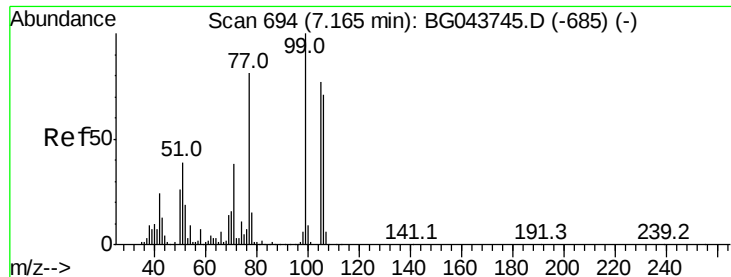
130 34.0 14.3 54.3

64 51.1 34.5 74.5



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





#9

Benzaldehyde

Concen: 62.851 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.00 min

Lab File: BG043747.D

Acq: 22 Nov 2019 18:24

Instrument :

BNA_G

ClientSampleId :

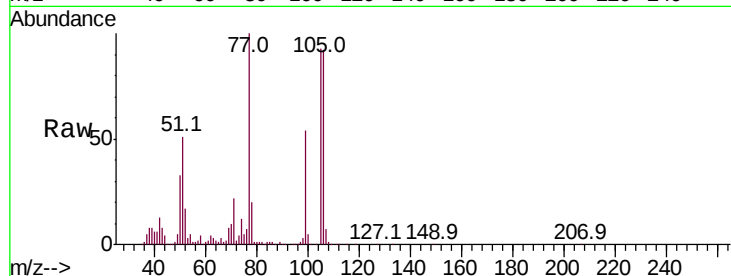
Tot Ion: 77 Resp: 237195

Ion Ratio Lower Upper

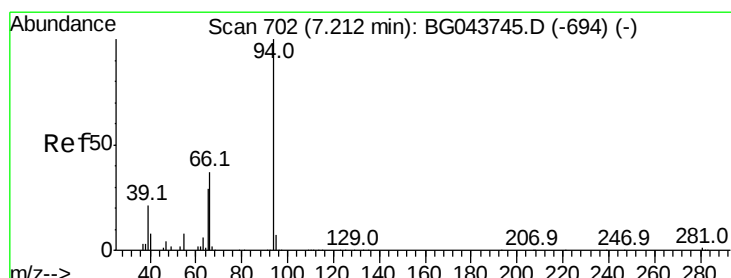
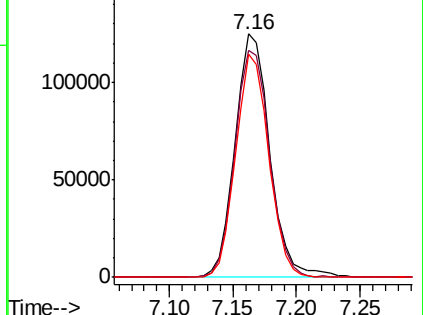
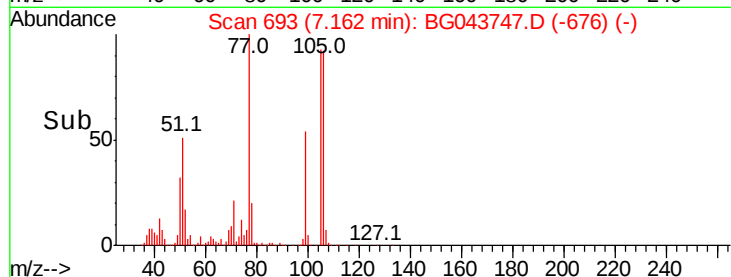
77 100

105 93.2 75.0 115.0

106 91.6 67.4 107.4



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: 67.766 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG043747.D

Acq: 22 Nov 2019 18:24

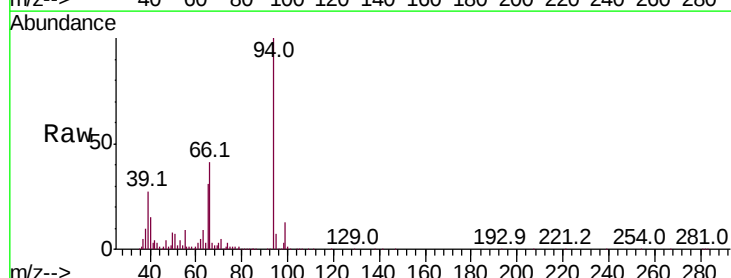
Tgt Ion: 94 Resp: 475536

Ion Ratio Lower Upper

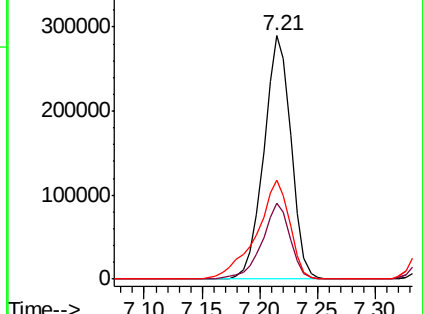
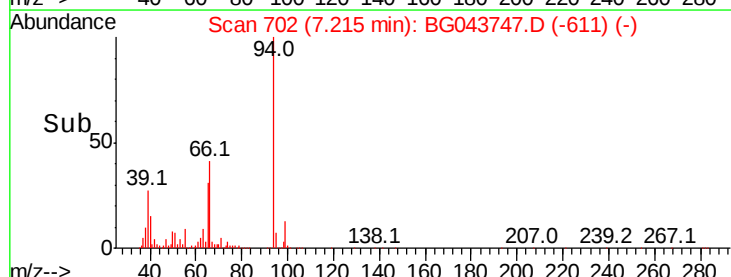
94 100

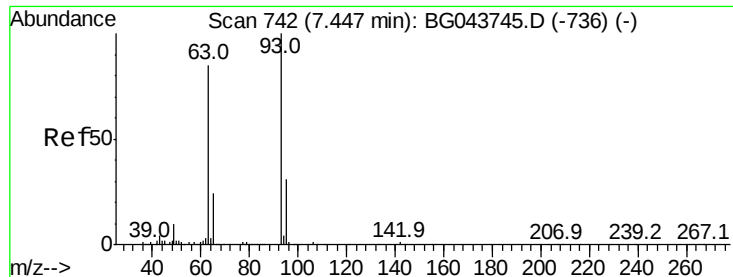
65 31.1 10.3 50.3

66 40.7 20.5 60.5



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

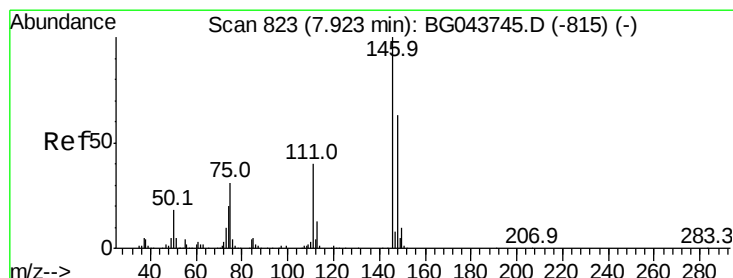
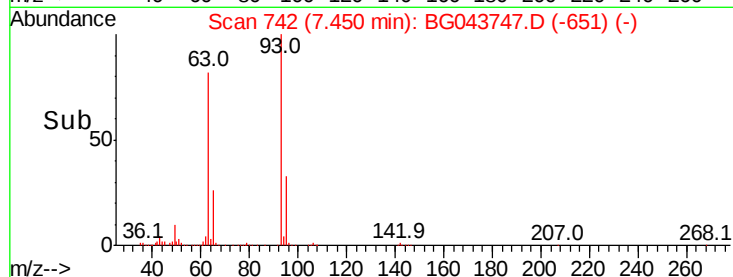
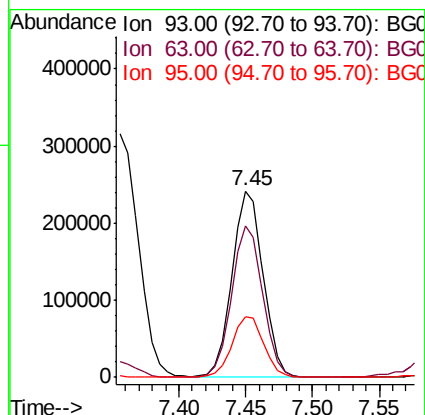
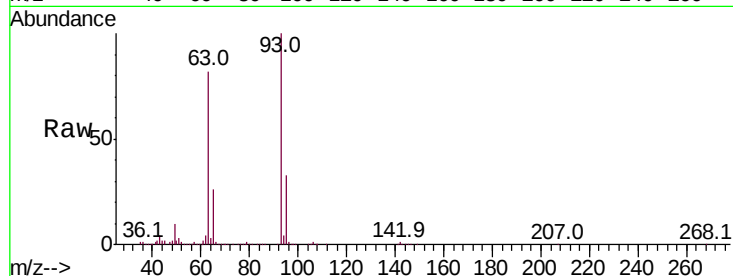




#11
bis(2-Chloroethyl)ether
Concen: 72.423 ng
RT: 7.45 min Scan# 742
Delta R.T. 0.00 min
Lab File: BG043747.D
Acq: 22 Nov 2019 18:24

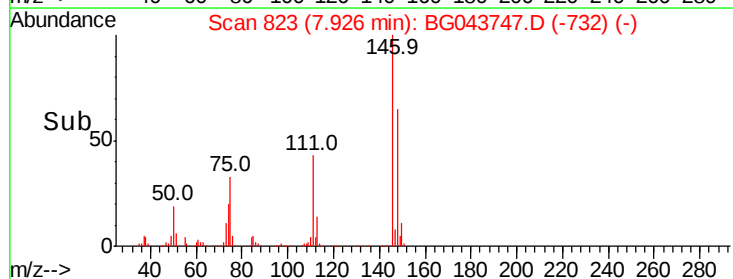
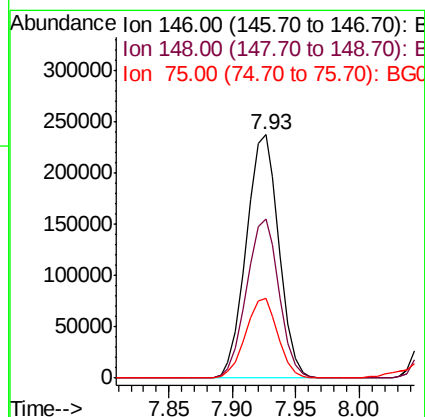
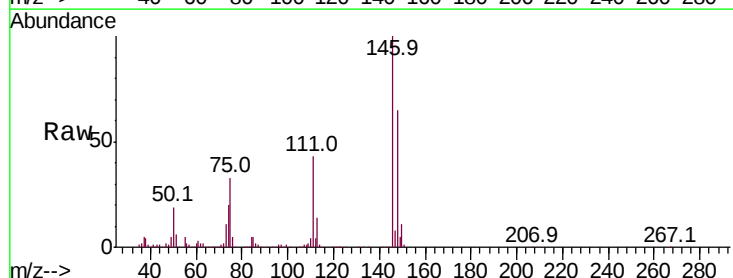
Instrument :
BNA_G
ClientSampleId :

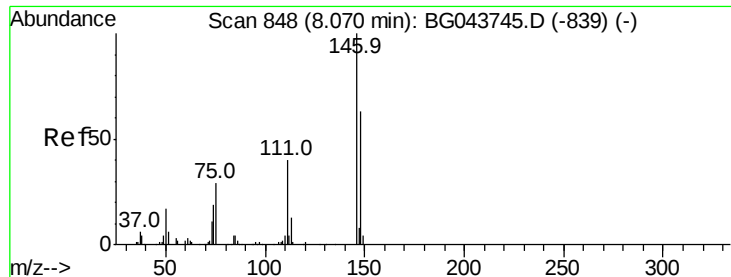
Tot Ion	Ratio	Lower	Upper
93	100		
63	81.5	64.4	104.4
95	32.7	11.3	51.3



#12
1,3-Dichlorobenzene
Concen: 57.539 ng
RT: 7.93 min Scan# 823
Delta R.T. 0.00 min
Lab File: BG043747.D
Acq: 22 Nov 2019 18:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	50.6	75.8
75	32.8	25.2	37.8





#13

1,4-Dichlorobenzene

Concen: 56.838 ng

RT: 8.07 min Scan# 847

Delta R.T. -0.00 min

Lab File: BG043747.D

Acq: 22 Nov 2019 18:24

Instrument :

BNA_G

ClientSampleId :

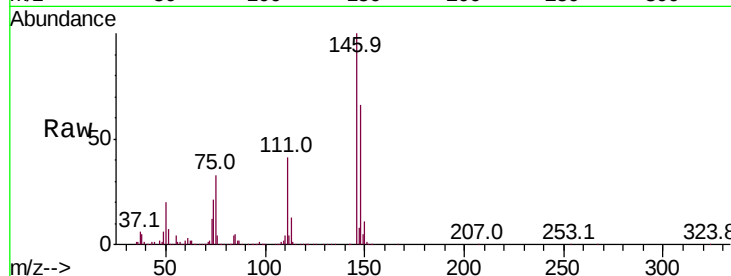
Tot Ion:146 Resp: 424516

Ion Ratio Lower Upper

146 100

148 65.6 50.1 75.1

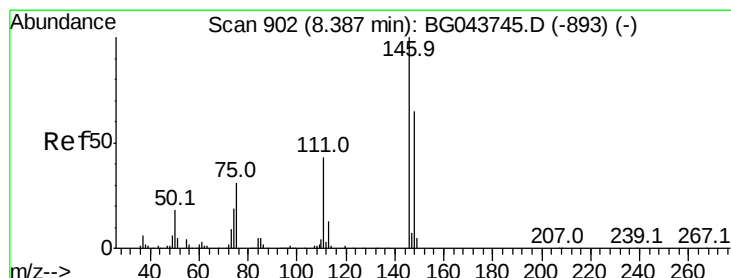
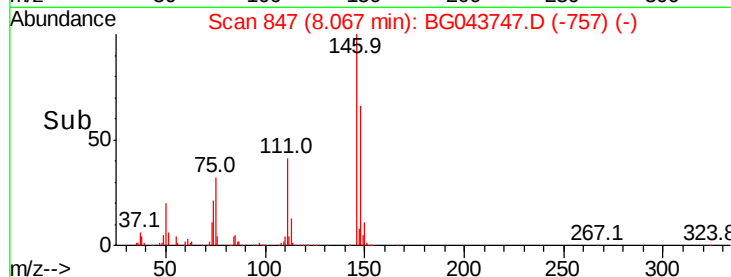
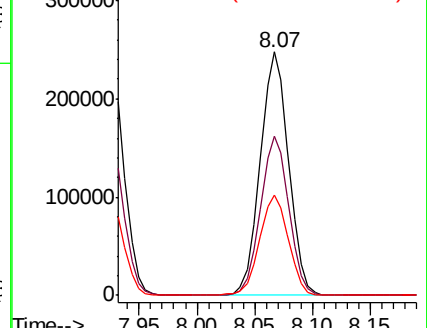
111 41.4 32.1 48.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 56.516 ng

RT: 8.39 min Scan# 902

Delta R.T. 0.00 min

Lab File: BG043747.D

Acq: 22 Nov 2019 18:24

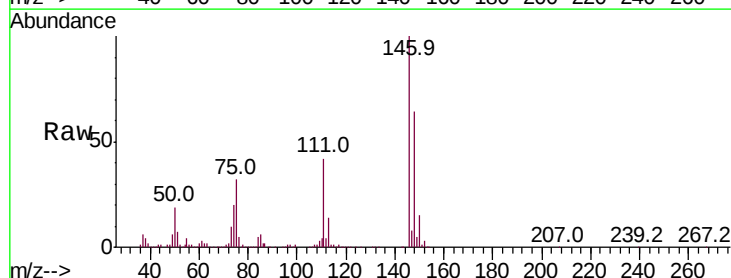
Tgt Ion:146 Resp: 412146

Ion Ratio Lower Upper

146 100

148 64.0 52.1 78.1

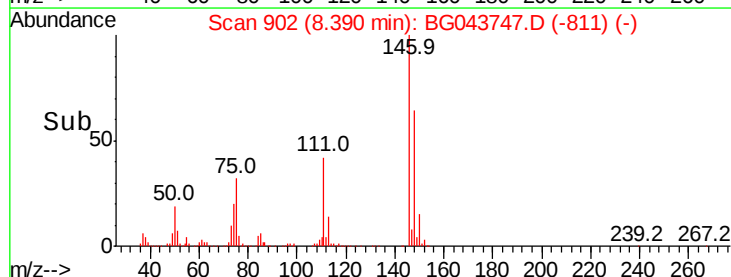
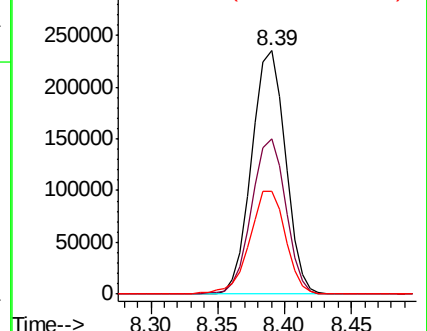
111 42.1 34.7 52.1

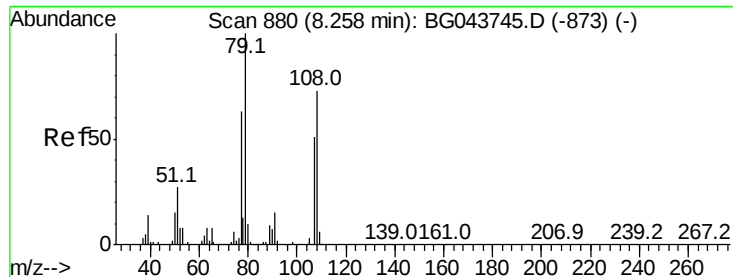


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 73.253 ng

RT: 8.27 min Scan# 881

Delta R.T. 0.01 min

Lab File: BG043747.D

Acq: 22 Nov 2019 18:24

Instrument :

BNA_G

ClientSampleId :

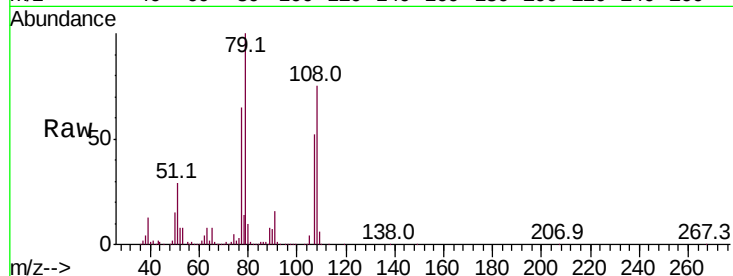
Tot Ion: 79 Resp: 395067

Ion Ratio Lower Upper

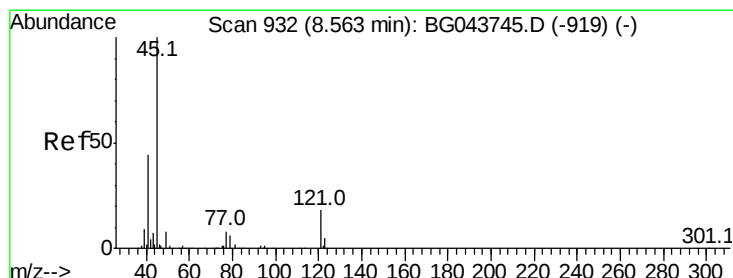
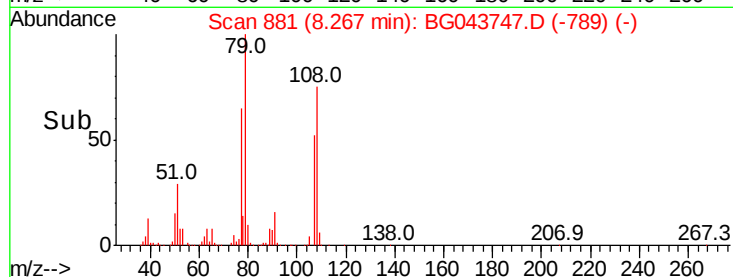
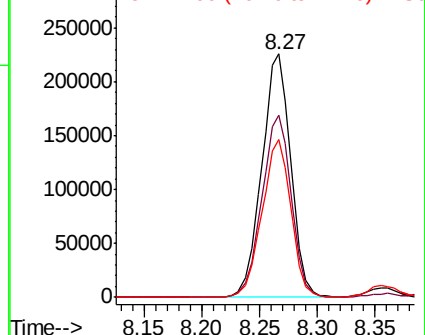
79 100

108 74.9 58.2 87.2

77 64.7 50.2 75.4



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: 87.795 ng

RT: 8.57 min Scan# 932

Delta R.T. 0.00 min

Lab File: BG043747.D

Acq: 22 Nov 2019 18:24

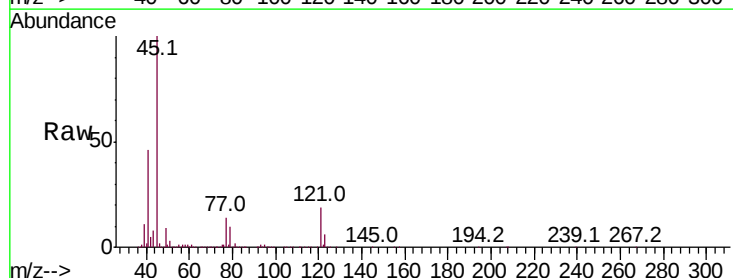
Tgt Ion: 45 Resp: 692611

Ion Ratio Lower Upper

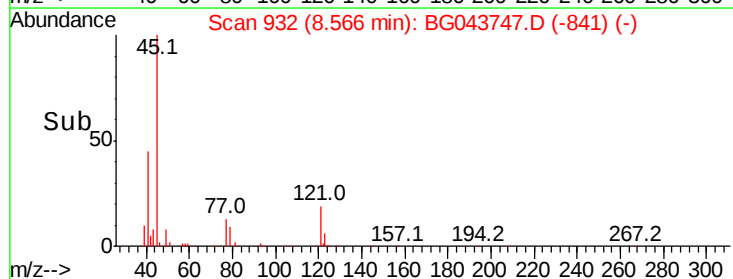
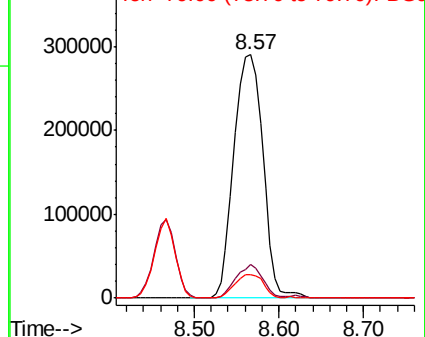
45 100

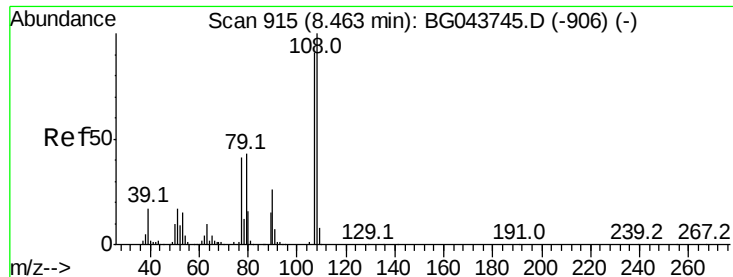
77 13.7 0.0 32.2

79 9.7 0.0 29.9



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: 66.426 ng

RT: 8.47 min Scan# 915

Delta R.T. 0.00 min

Lab File: BG043747.D

Acq: 22 Nov 2019 18:24

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 339810

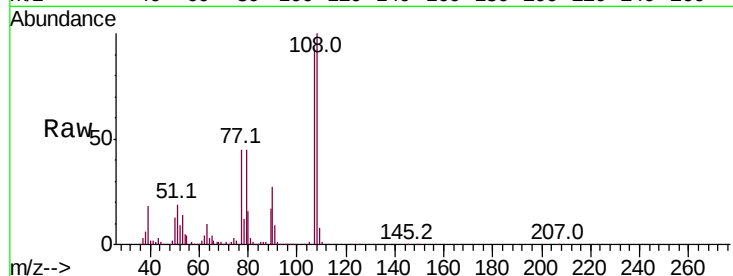
Ion Ratio Lower Upper

107 100

108 108.0 88.0 132.0

77 48.8 35.9 53.9

79 48.9 38.2 57.2

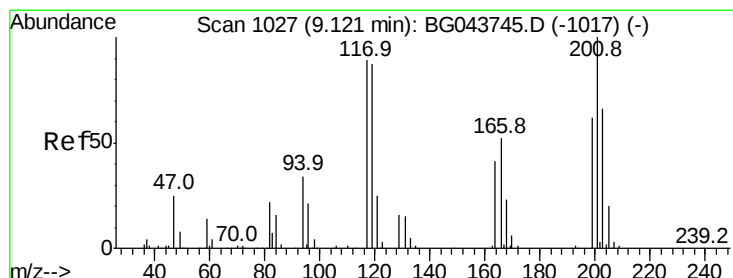
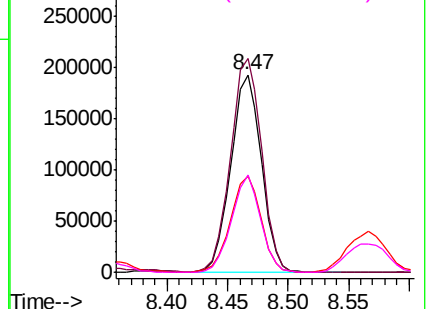
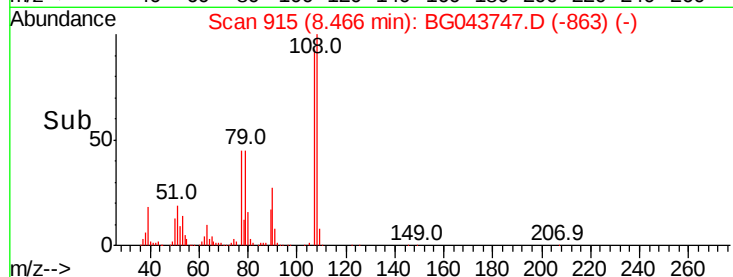


Abundance Ion 107.00 (106.70 to 107.70): E

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: 61.709 ng

RT: 9.12 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BG043747.D

Acq: 22 Nov 2019 18:24

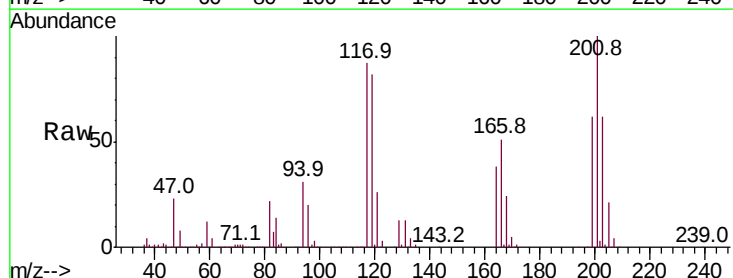
Tgt Ion:117 Resp: 166287

Ion Ratio Lower Upper

117 100

119 93.7 77.7 116.5

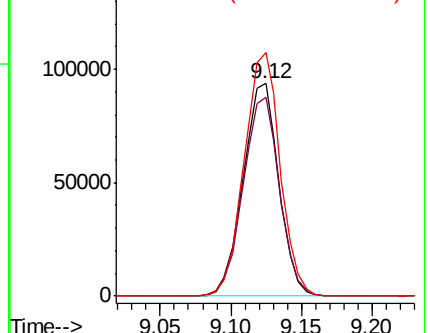
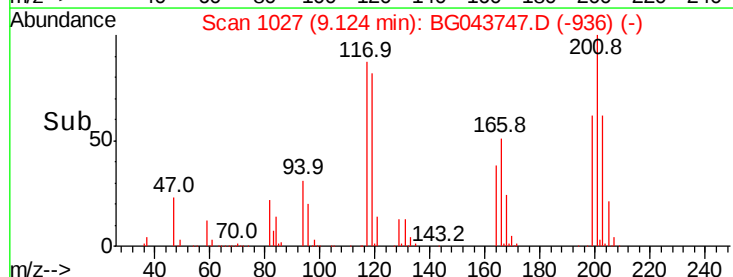
201 114.5 89.4 134.0

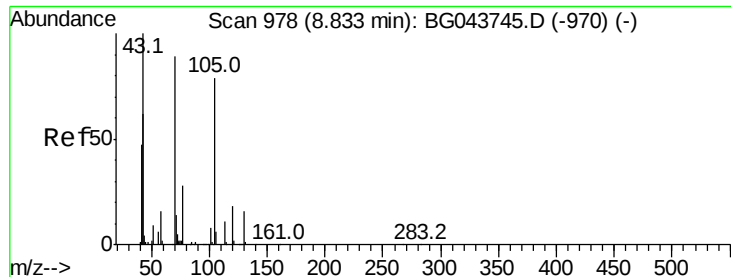


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

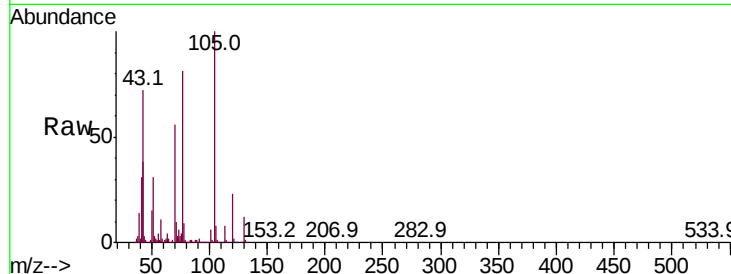




#19
n-Nitroso-di-n-propylamine
Concen: 72.201 ng
RT: 8.85 min Scan# 980
Delta R.T. 0.02 min
Lab File: BG043747.D
Acq: 22 Nov 2019 18:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	358276
Ion	Ratio	Lower	Upper
70	100		
42	68.2	56.4	84.6
101	10.1	6.7	10.1#
130	21.2	14.7	22.1



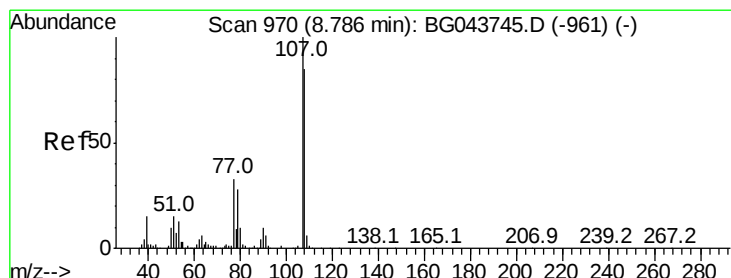
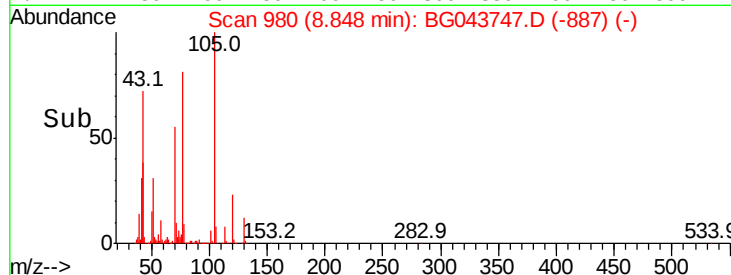
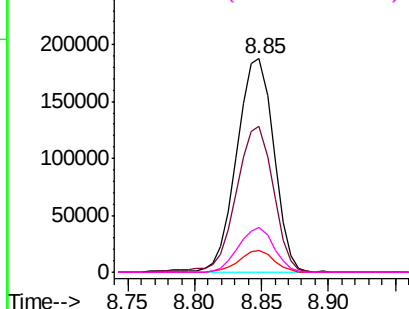
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

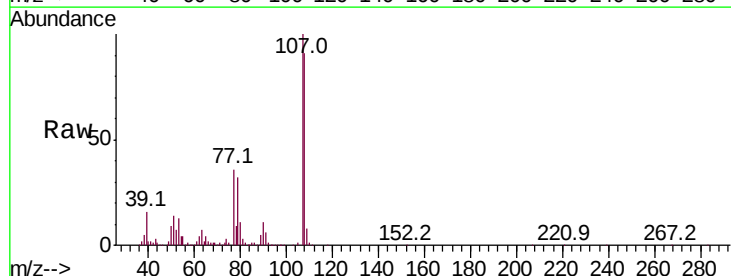
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 68.203 ng
RT: 8.80 min Scan# 972
Delta R.T. 0.01 min
Lab File: BG043747.D
Acq: 22 Nov 2019 18:24

Tgt Ion:	107	Resp:	478432
Ion	Ratio	Lower	Upper
107	100		
108	90.7	64.6	104.6
77	35.7	13.7	53.7
79	31.8	8.5	48.5



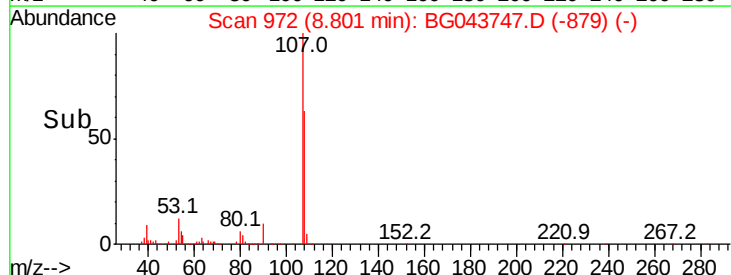
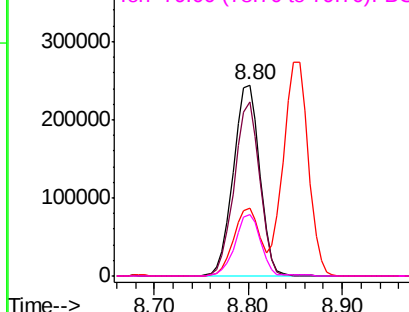
Abundance

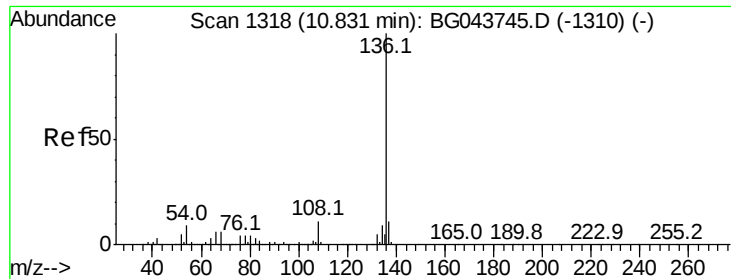
Ion 107.00 (106.70 to 107.70): BGC

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

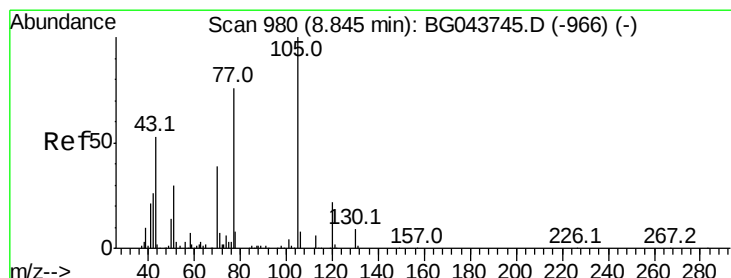
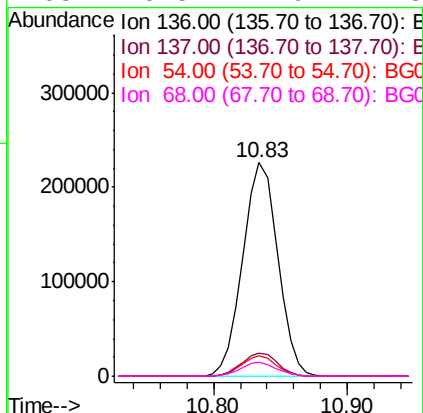
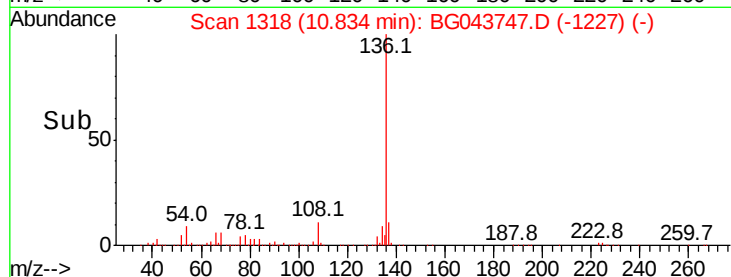
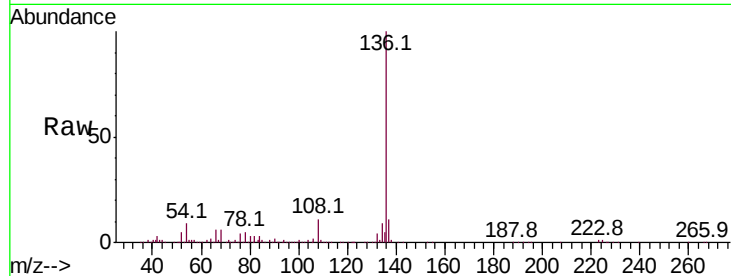




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG043747.D
Acq: 22 Nov 2019 18:24

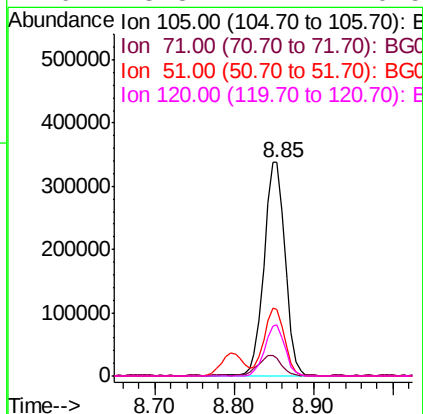
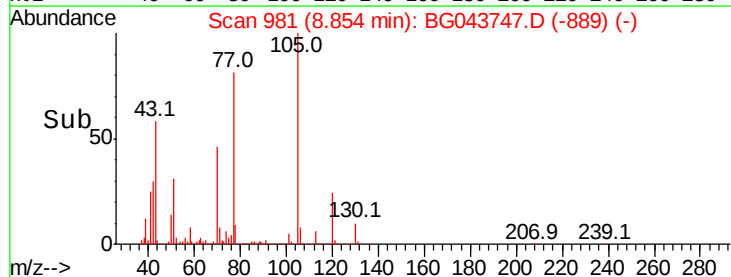
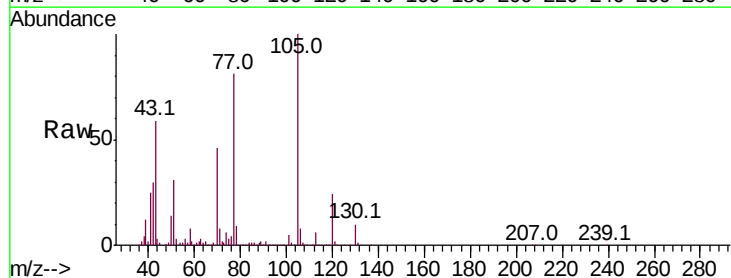
Instrument :
BNA_G
ClientSampleId :

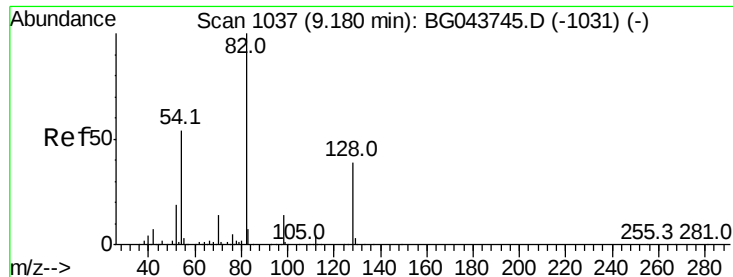
Tot Ion:	136	Resp:	411038
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	9.4	7.5	11.3
68	6.5	4.9	7.3



#22
Acetophenone
Concen: 60.049 ng
RT: 8.85 min Scan# 981
Delta R.T. 0.01 min
Lab File: BG043747.D
Acq: 22 Nov 2019 18:24

Tgt Ion:	105	Resp:	632088
Ion	Ratio	Lower	Upper
105	100		
71	8.2	6.3	9.5
51	30.9	24.7	37.1
120	23.8	17.7	26.5





#23

Nitrobenzene-d5

Concen: 115.321 ng

RT: 9.19 min Scan# 1038

Delta R.T. 0.01 min

Lab File: BG043747.D

Acq: 22 Nov 2019 18:24

Instrument :

BNA_G

ClientSampleId :

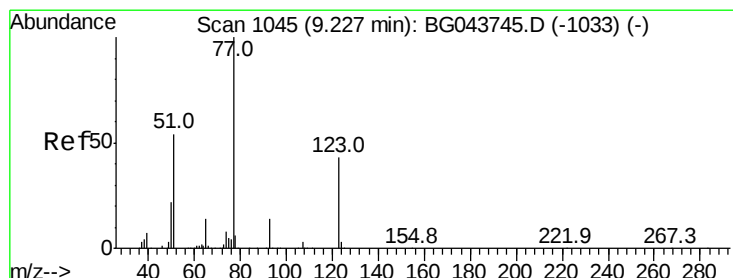
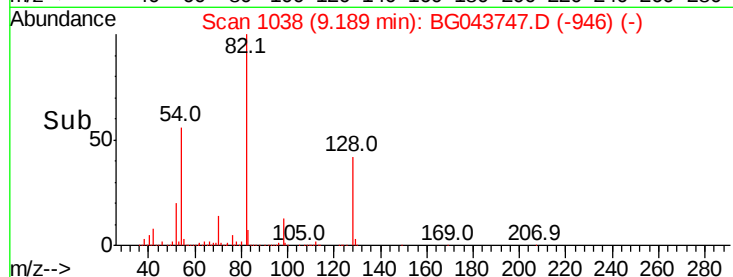
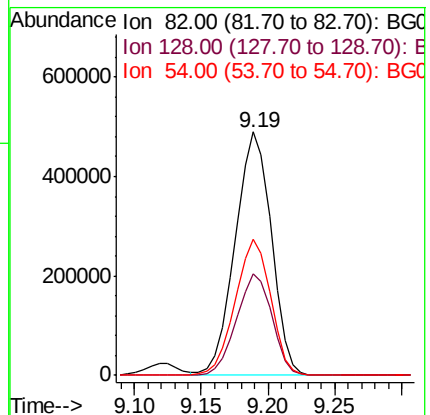
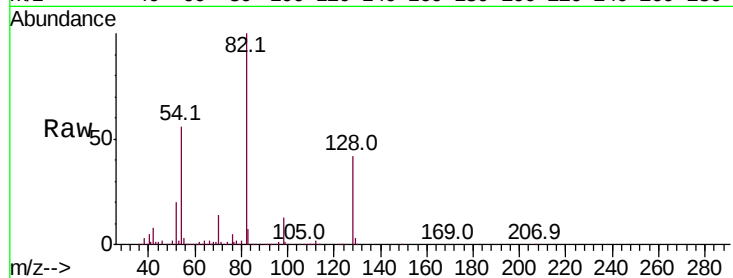
Tot Ion: 82 Resp: 919444

Ion Ratio Lower Upper

82 100

128 41.8 31.3 46.9

54 55.7 42.7 64.1



#24

Nitrobenzene

Concen: 60.378 ng

RT: 9.23 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BG043747.D

Acq: 22 Nov 2019 18:24

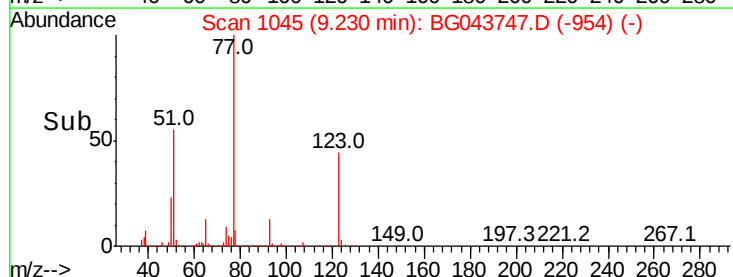
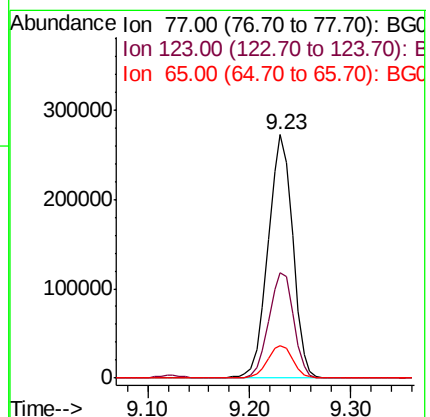
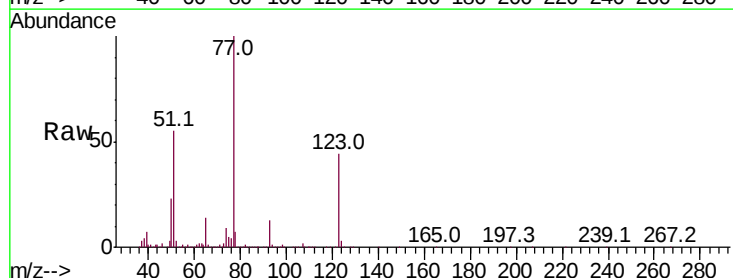
Tgt Ion: 77 Resp: 458576

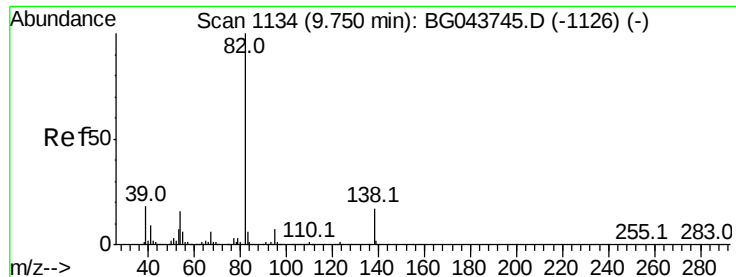
Ion Ratio Lower Upper

77 100

123 43.5 34.7 52.1

65 13.5 11.0 16.6





#25

Isophorone

Concen: 63.896 ng

RT: 9.76 min Scan# 1135

Delta R.T. 0.01 min

Lab File: BG043747.D

Acq: 22 Nov 2019 18:24

Instrument :

BNA_G

ClientSampleId :

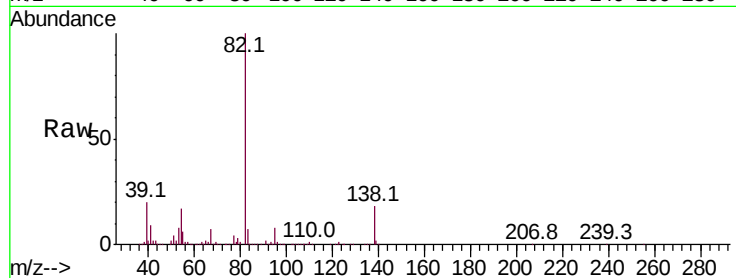
Tot Ion: 82 Resp: 931388

Ion Ratio Lower Upper

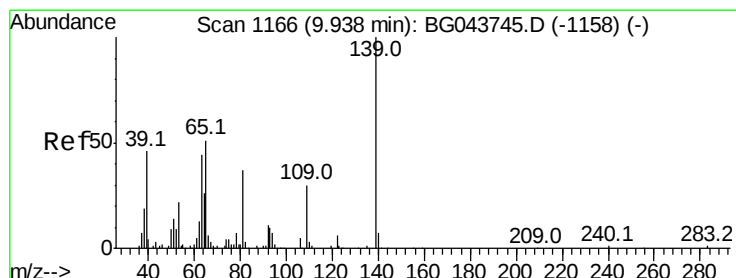
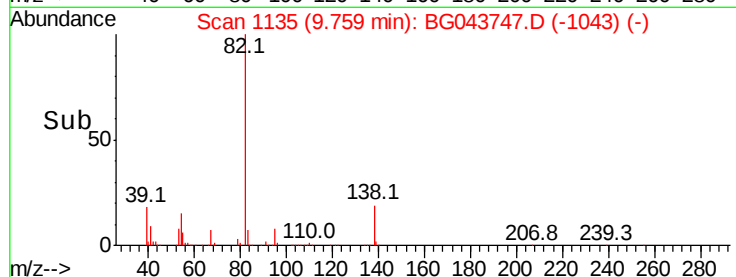
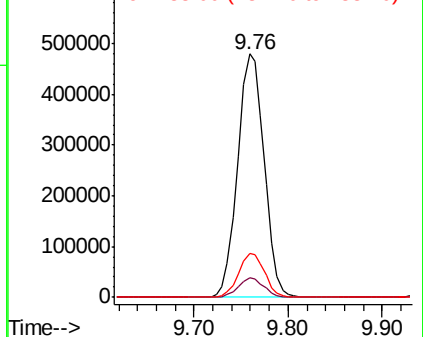
82 100

95 7.9 5.9 8.9

138 18.1 13.3 19.9



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: 50.587 ng

RT: 9.94 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BG043747.D

Acq: 22 Nov 2019 18:24

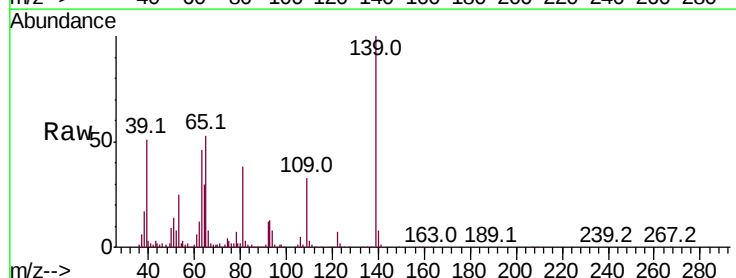
Tgt Ion: 139 Resp: 185489

Ion Ratio Lower Upper

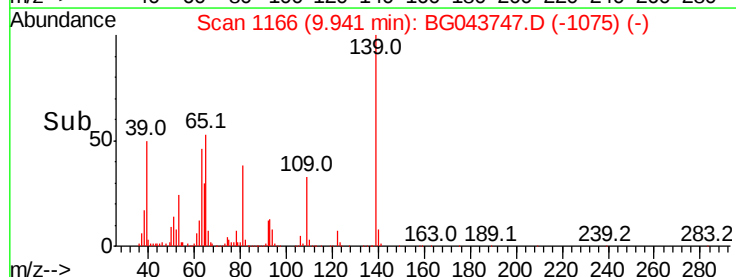
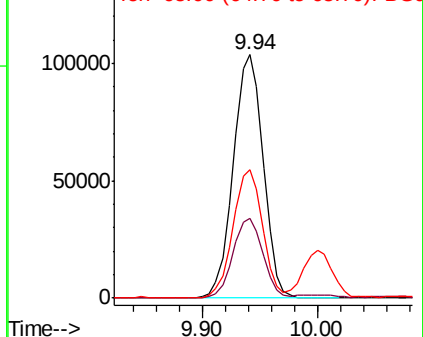
139 100

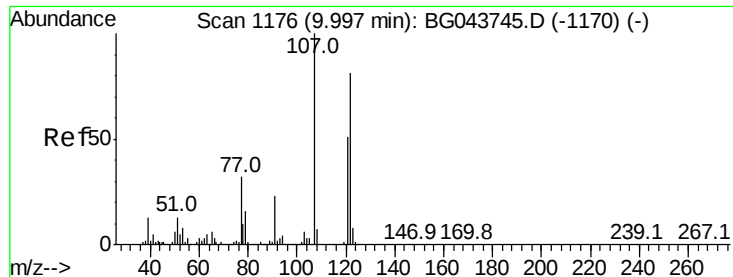
109 33.0 24.1 36.1

65 52.7 41.1 61.7



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

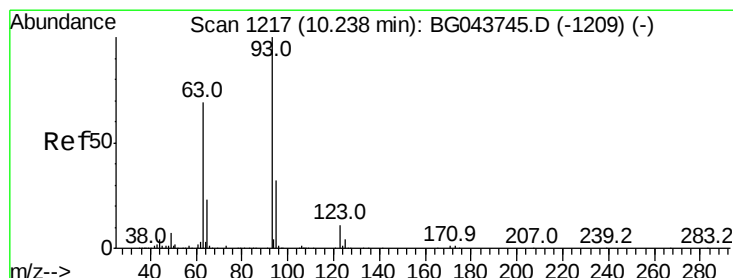
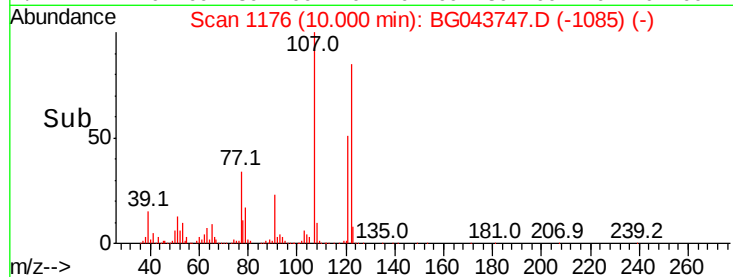
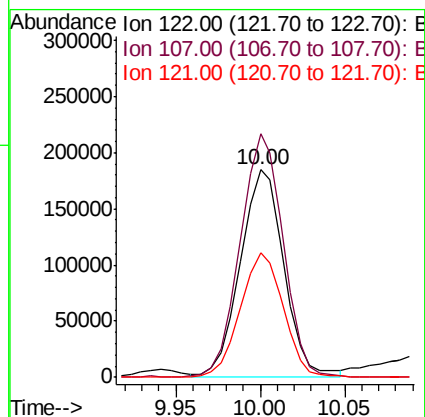
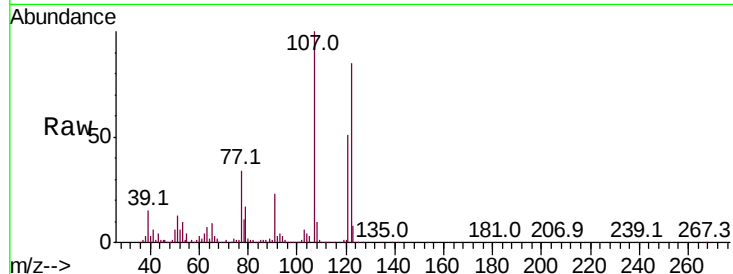




#27
2,4-Dimethylphenol
Concen: 62.994 ng
RT: 10.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BG043747.D
Acq: 22 Nov 2019 18:24

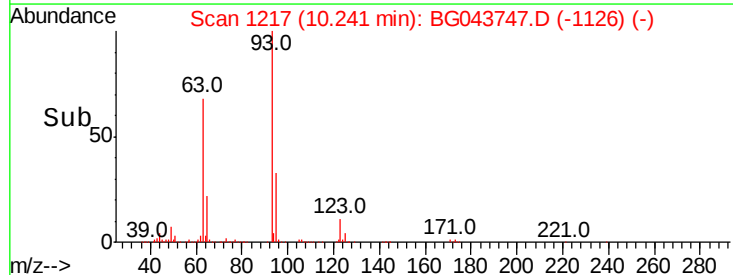
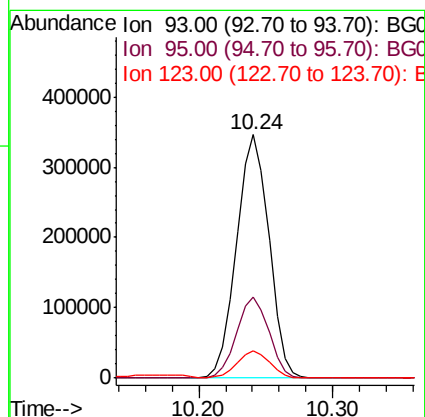
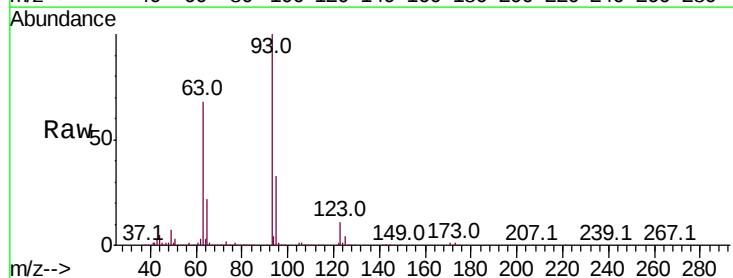
Instrument :
BNA_G
ClientSampled :

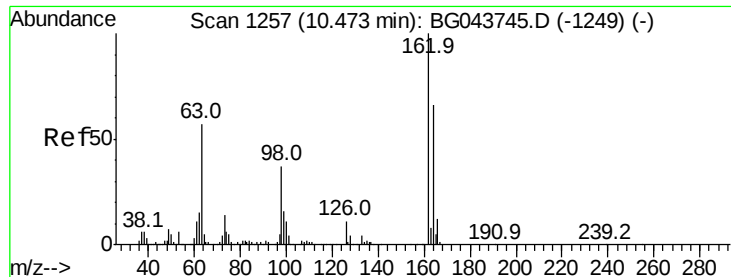
Tot Ion	Ratio	Lower	Upper
122	100		
107	117.3	98.5	147.7
121	59.9	49.6	74.4



#28
bis(2-Chloroethoxy)methane
Concen: 71.962 ng
RT: 10.24 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BG043747.D
Acq: 22 Nov 2019 18:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.0	39.0
123	11.3	8.7	13.1





#29

2,4-Dichlorophenol

Concen: 60.933 ng

RT: 10.48 min Scan# 1257

Delta R.T. 0.00 min

Lab File: BG043747.D

Acq: 22 Nov 2019 18:24

Instrument :

BNA_G

ClientSampled :

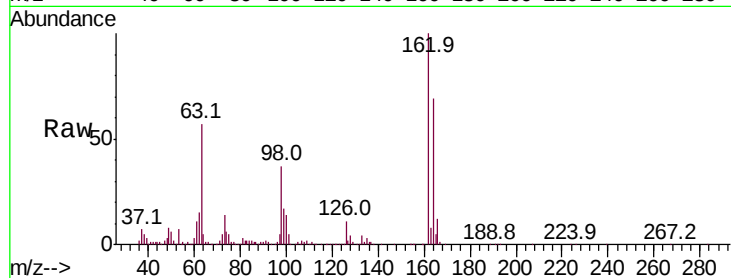
Tot Ion:162 Resp: 410301

Ion Ratio Lower Upper

162 100

164 68.9 46.4 86.4

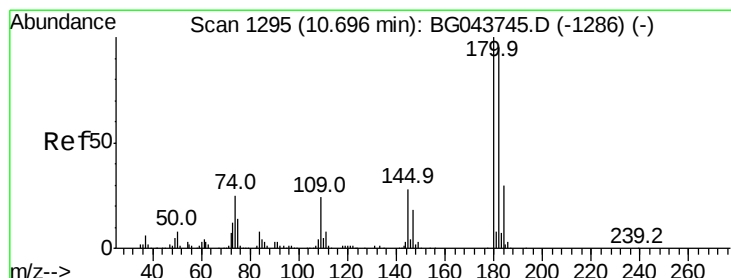
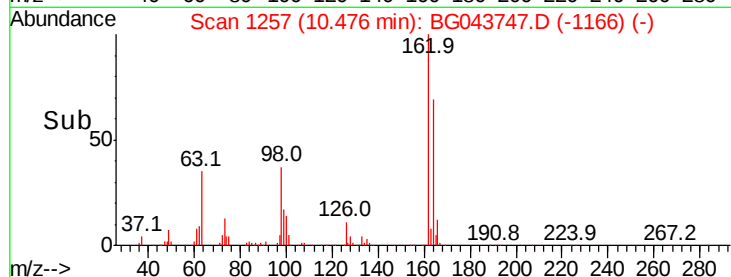
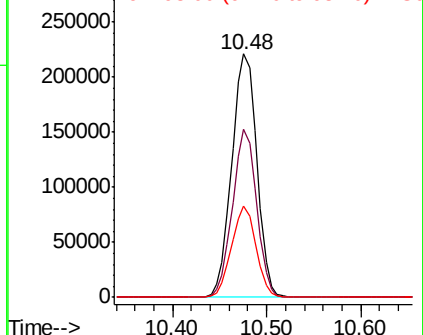
98 37.3 17.3 57.3



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: 54.958 ng

RT: 10.70 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BG043747.D

Acq: 22 Nov 2019 18:24

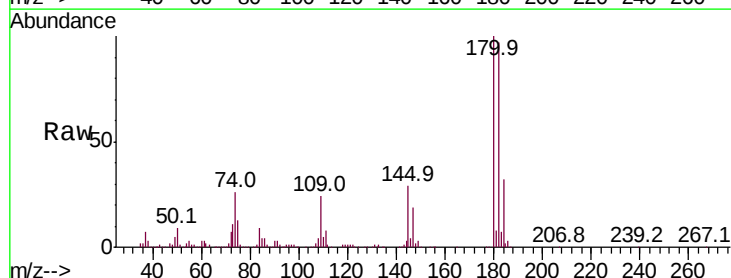
Tgt Ion:180 Resp: 466424

Ion Ratio Lower Upper

180 100

182 96.7 75.8 113.6

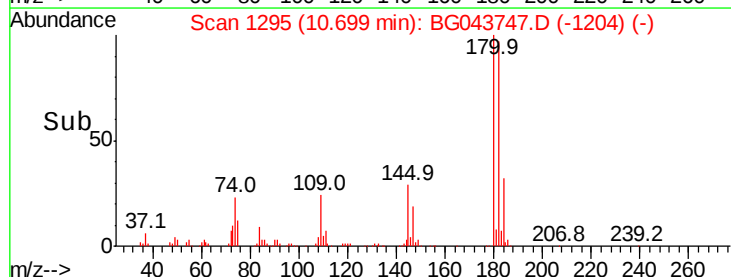
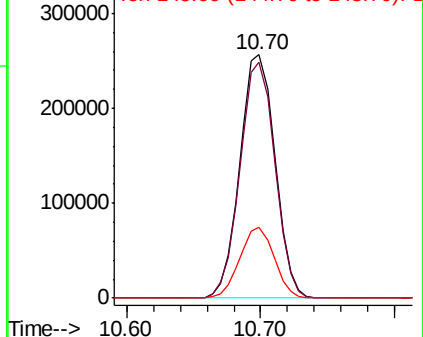
145 29.1 22.5 33.7

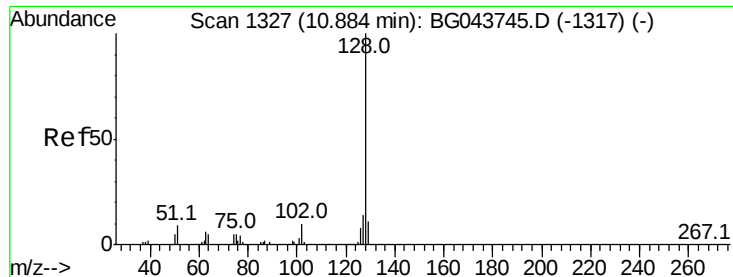


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

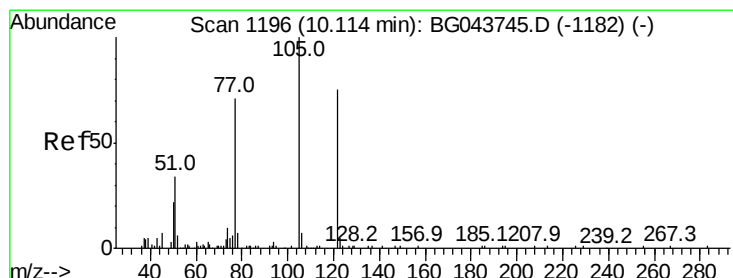
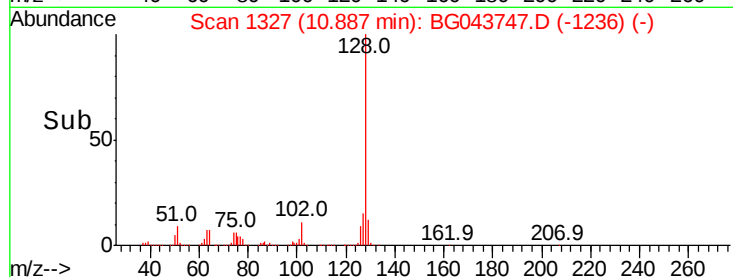
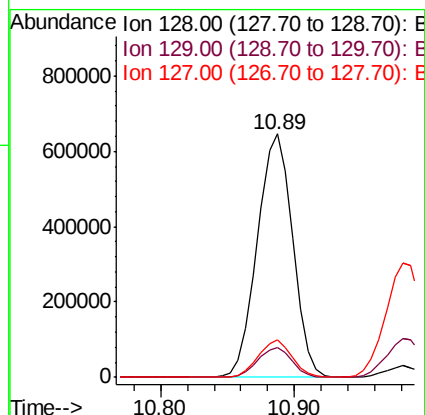
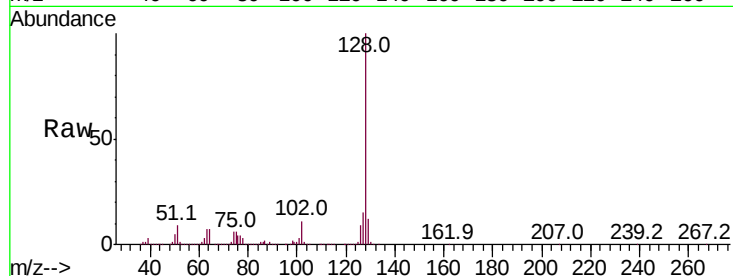




#31
Naphthalene
Concen: 56.802 ng
RT: 10.89 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG043747.D
Acq: 22 Nov 2019 18:24

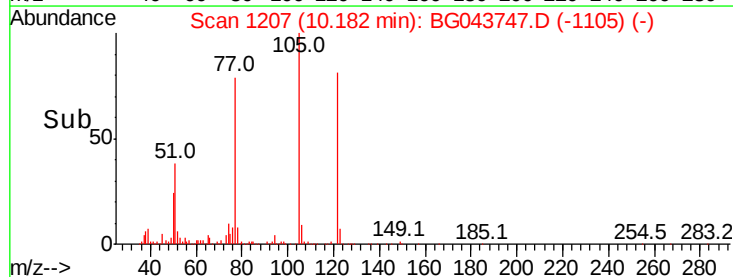
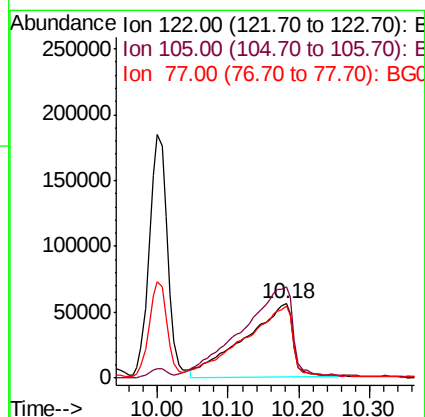
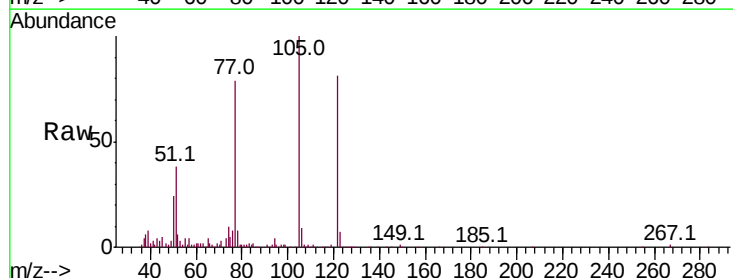
Instrument :
BNA_G
ClientSampleId :

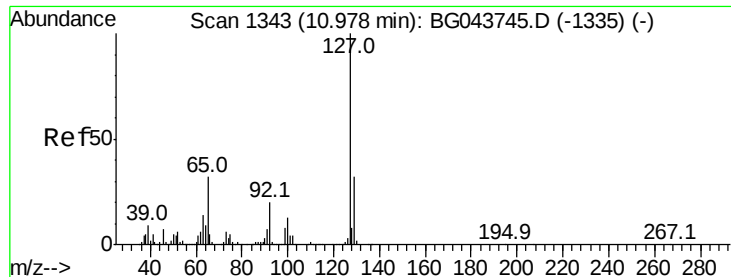
Tot Ion:128 Resp: 1185125
Ion Ratio Lower Upper
128 100
129 12.0 9.1 13.7
127 15.2 11.4 17.0



#32
Benzoic acid
Concen: 71.893 ng
RT: 10.18 min Scan# 1207
Delta R.T. 0.07 min
Lab File: BG043747.D
Acq: 22 Nov 2019 18:24

Tgt Ion:122 Resp: 265069
Ion Ratio Lower Upper
122 100
105 123.4 109.3 149.3
77 98.0 76.1 116.1

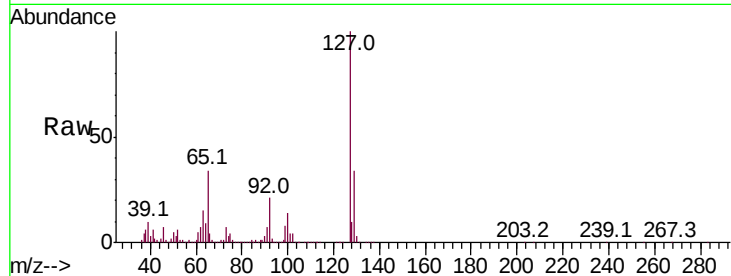




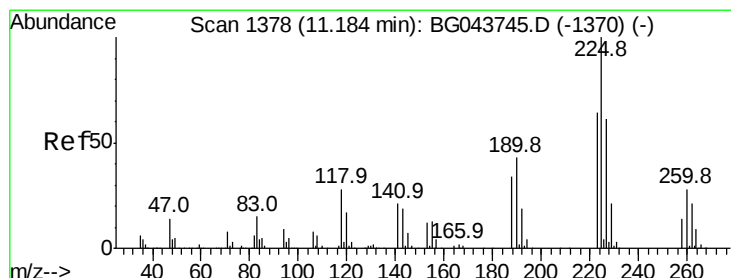
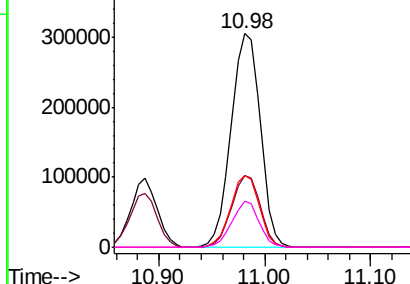
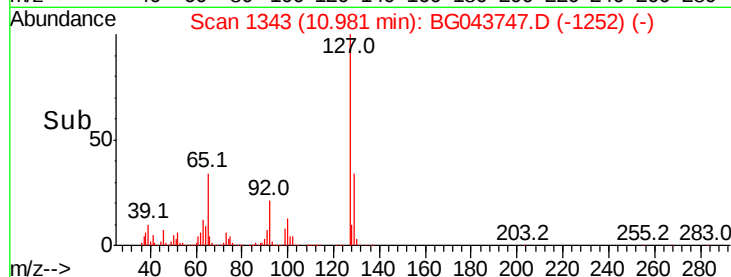
#33
4-Chloroaniline
Concen: 68.034 ng
RT: 10.98 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BG043747.D
Acq: 22 Nov 2019 18:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	581857
Ion Ratio	Lower	Upper	
127	100		
129	33.7	25.9	38.9
65	33.7	25.8	38.8
92	21.5	15.8	23.6

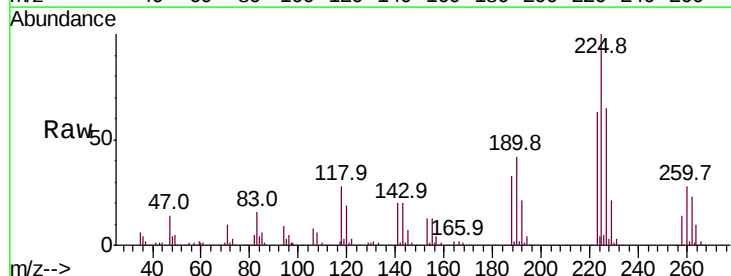


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

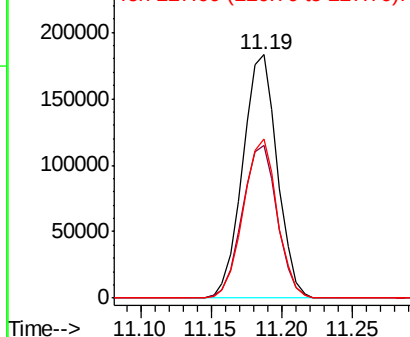
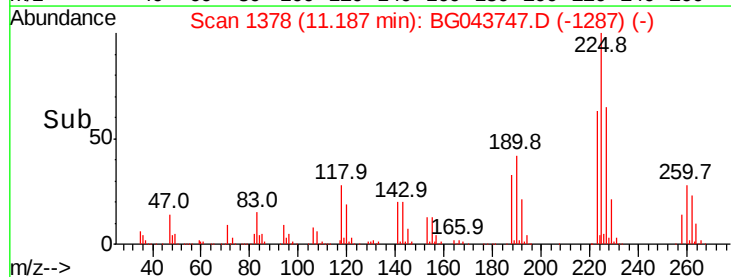


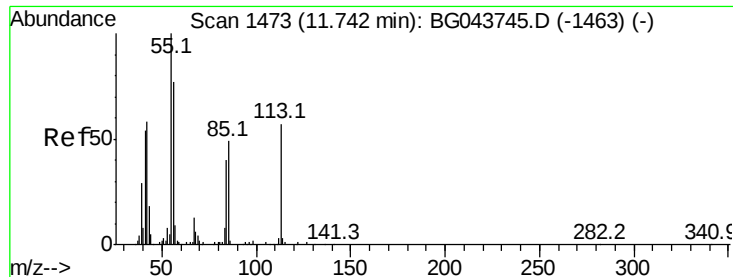
#34
Hexachlorobutadiene
Concen: 49.986 ng
RT: 11.19 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BG043747.D
Acq: 22 Nov 2019 18:24

Tgt Ion:	225	Resp:	313596
Ion Ratio	Lower	Upper	
225	100		
223	62.8	51.2	76.8
227	65.3	51.0	76.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 50.621 ng

RT: 11.78 min Scan# 1479

Delta R.T. 0.04 min

Lab File: BG043747.D

Acq: 22 Nov 2019 18:24

Instrument :

BNA_G

ClientSampleId :

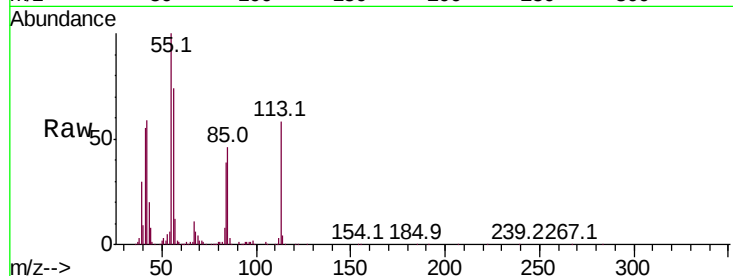
Tot Ion:113 Resp: 117396

Ion Ratio Lower Upper

113 100

55 171.0 160.9 200.9

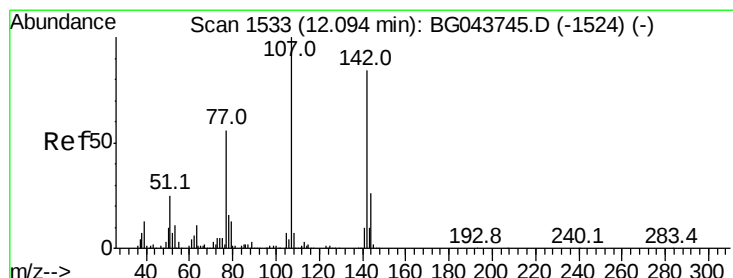
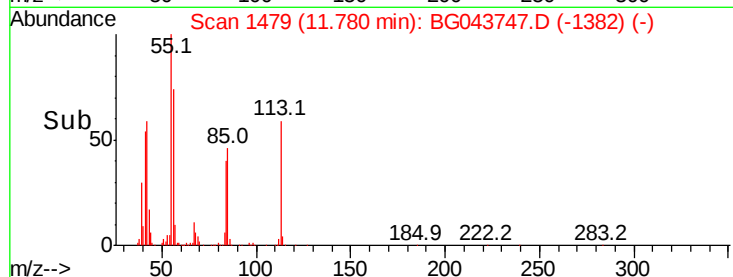
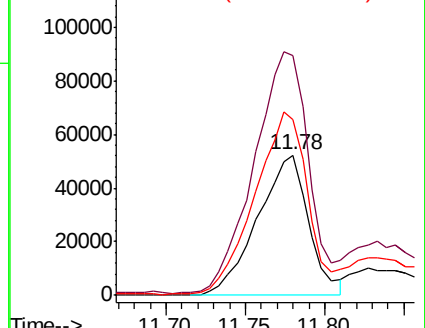
56 125.8 116.8 156.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 60.255 ng

RT: 12.10 min Scan# 1534

Delta R.T. 0.01 min

Lab File: BG043747.D

Acq: 22 Nov 2019 18:24

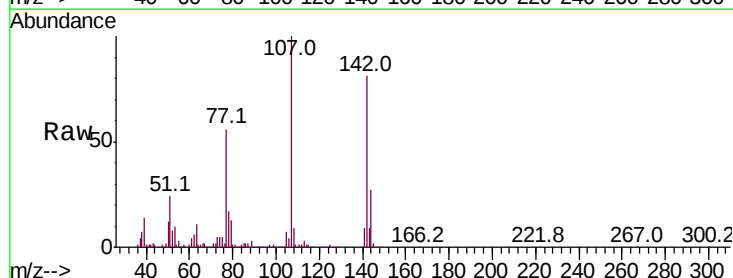
Tgt Ion:107 Resp: 442575

Ion Ratio Lower Upper

107 100

144 26.6 21.0 31.4

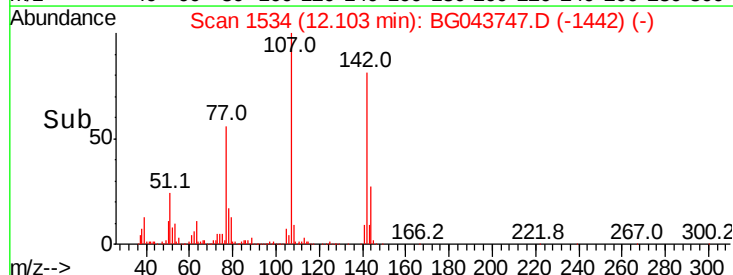
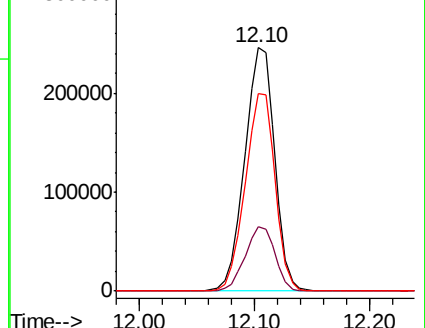
142 81.0 67.0 100.4

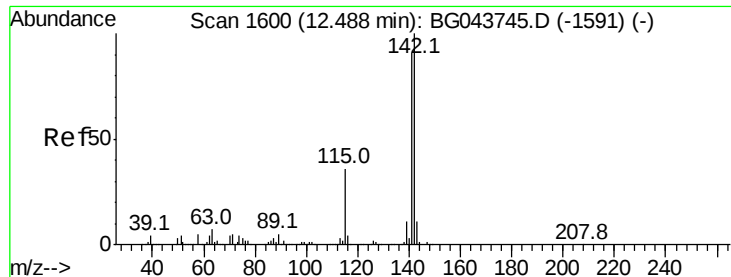


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

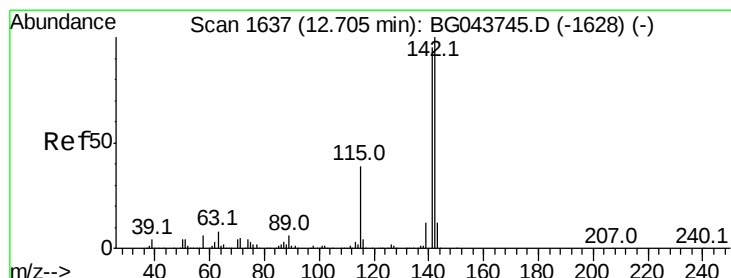
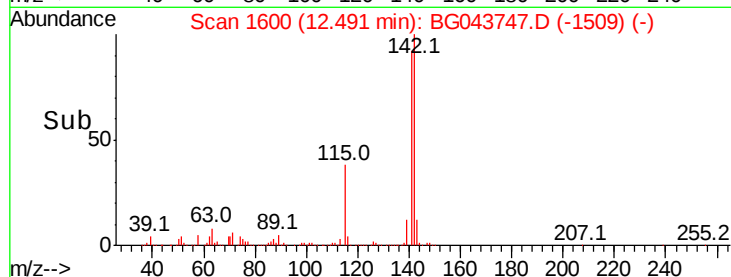
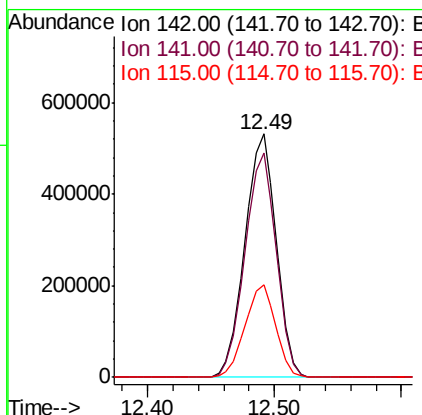
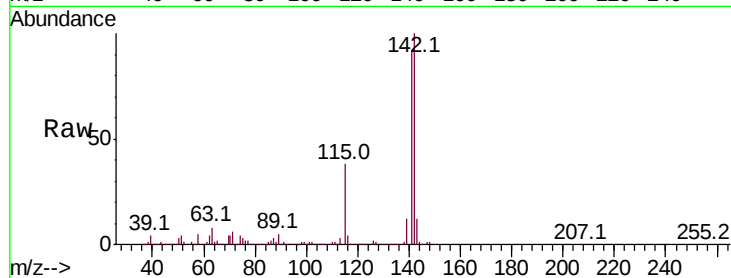




#37
2-Methylnaphthalene
Concen: 57.117 ng
RT: 12.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BG043747.D
Acq: 22 Nov 2019 18:24

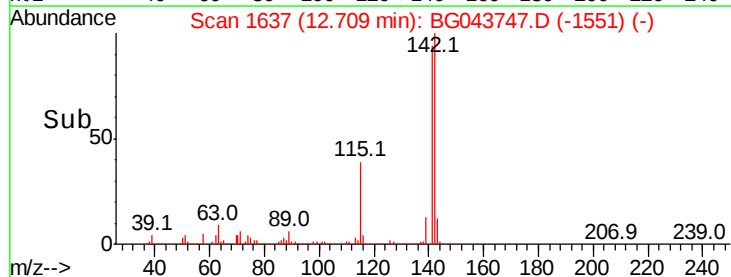
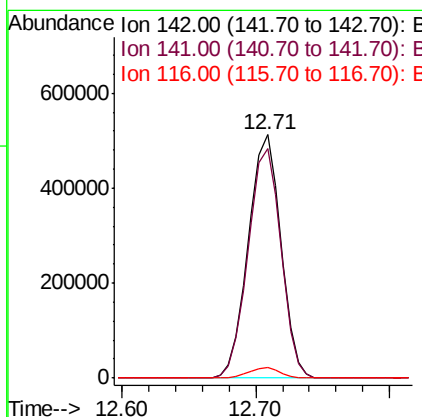
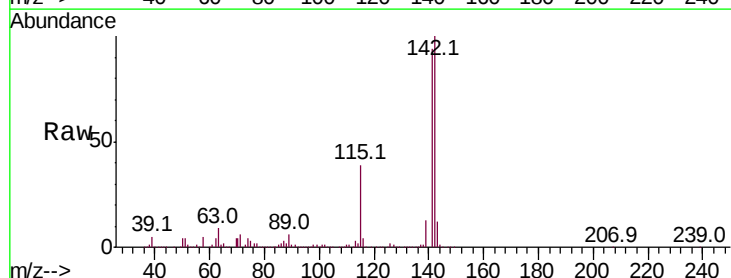
Instrument :
BNA_G
ClientSampleId :

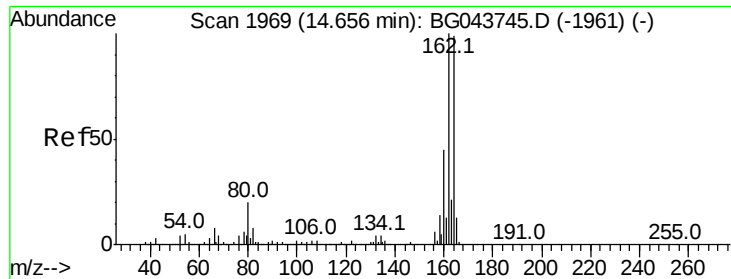
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.2	72.8	109.2
115	38.0	28.9	43.3



#38
1-Methylnaphthalene
Concen: 56.441 ng
RT: 12.71 min Scan# 1637
Delta R.T. 0.00 min
Lab File: BG043747.D
Acq: 22 Nov 2019 18:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.4	75.8	113.8
116	4.2	3.4	5.0

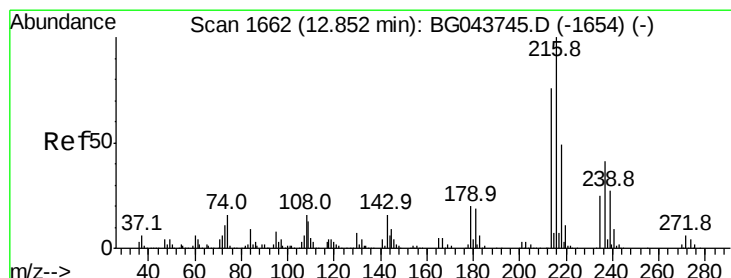
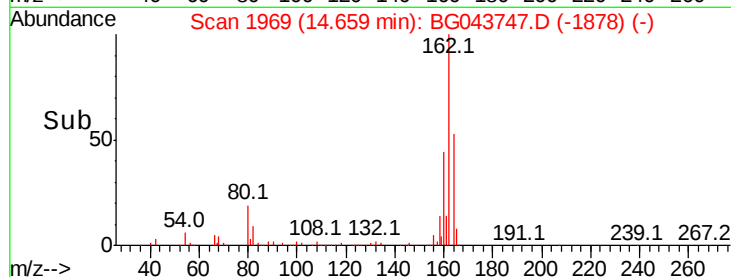
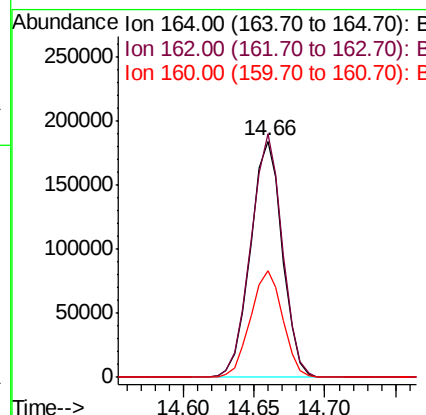
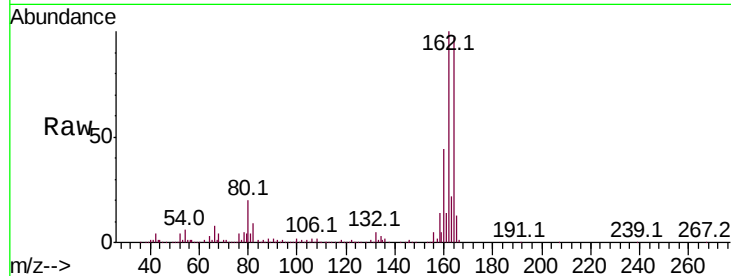




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: BG043747.D
 Acq: 22 Nov 2019 18:24

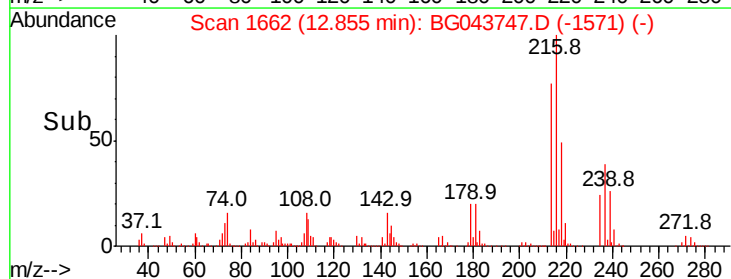
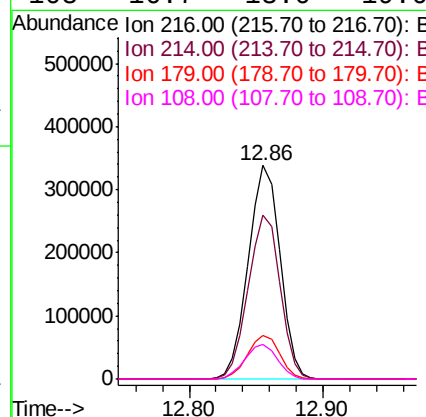
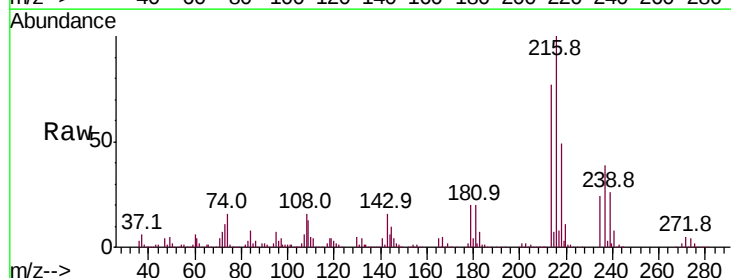
Instrument :
 BNA_G
 ClientSampleId :

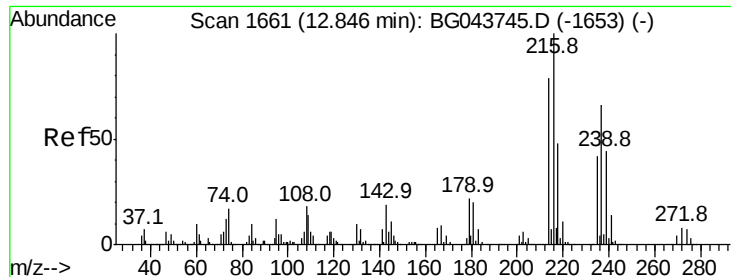
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.1	80.6	121.0
160	45.3	36.3	54.5



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 51.619 ng
 RT: 12.86 min Scan# 1662
 Delta R.T. 0.00 min
 Lab File: BG043747.D
 Acq: 22 Nov 2019 18:24

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.0	62.0	93.0
179	20.4	16.3	24.5
108	16.7	13.0	19.6





#41

Hexachlorocyclopentadiene

Concen: 55.704 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.00 min

Lab File: BG043747.D

Acq: 22 Nov 2019 18:24

Instrument :

BNA_G

ClientSampleId :

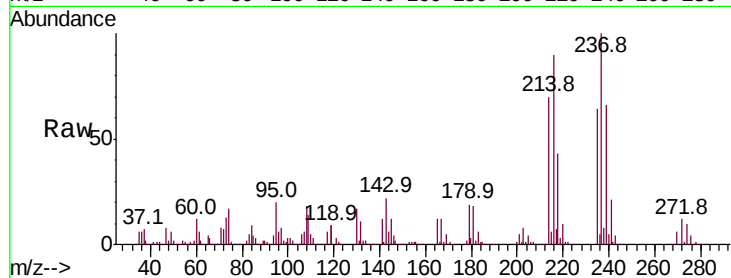
Tot Ion:237 Resp: 315027

Ion Ratio Lower Upper

237 100

235 64.1 43.8 83.8

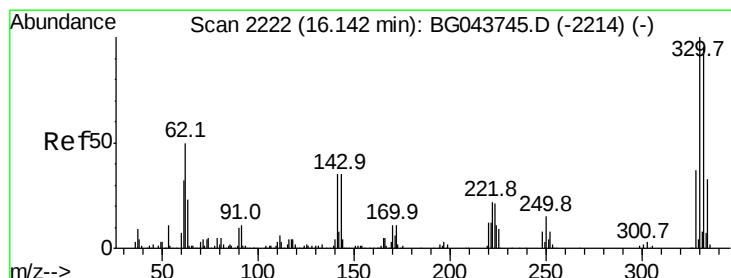
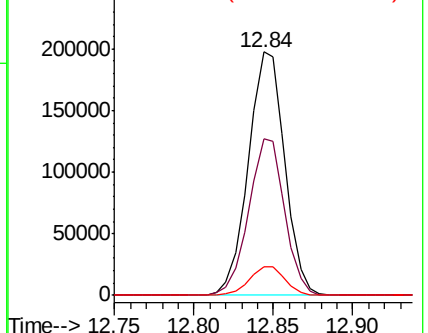
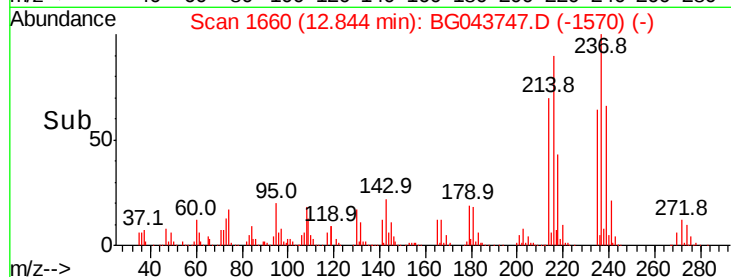
272 11.8 0.0 31.8



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: 72.844 ng

RT: 16.15 min Scan# 2222

Delta R.T. 0.00 min

Lab File: BG043747.D

Acq: 22 Nov 2019 18:24

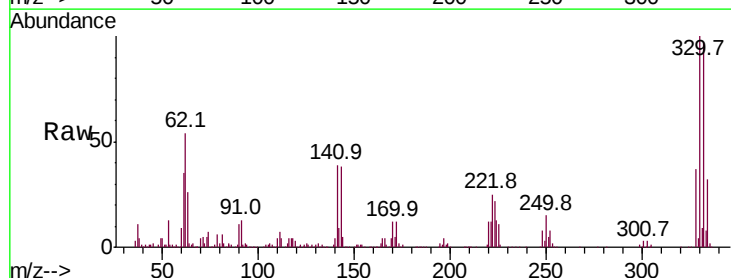
Tgt Ion:330 Resp: 403260

Ion Ratio Lower Upper

330 100

332 96.2 77.3 115.9

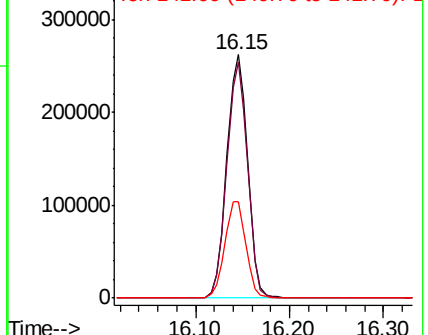
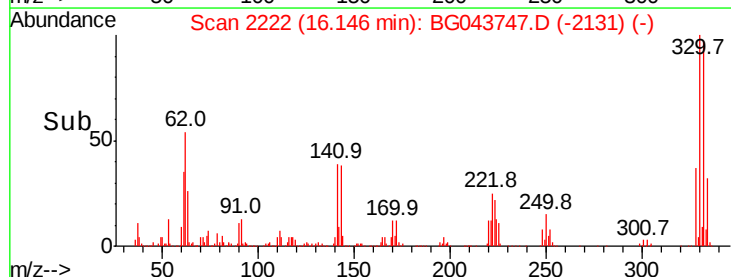
141 40.0 31.4 47.2

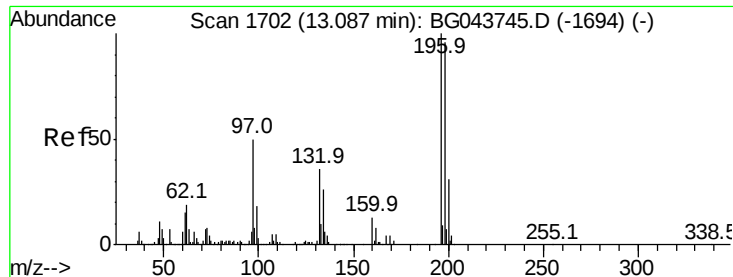


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

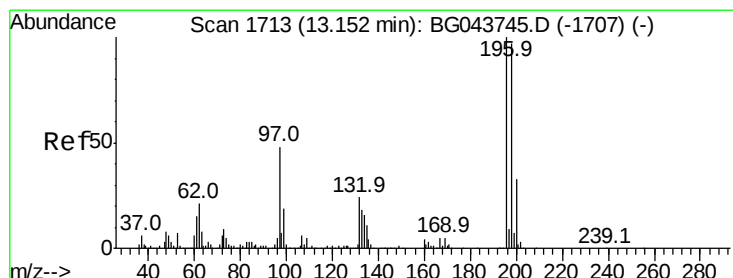
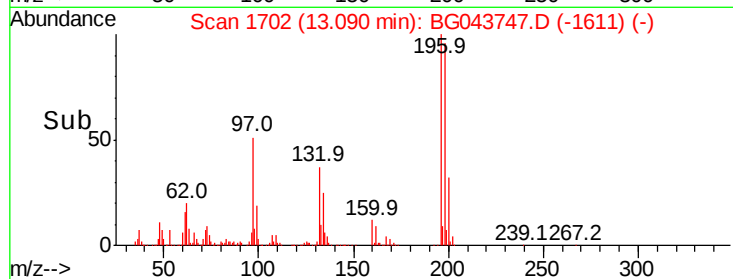
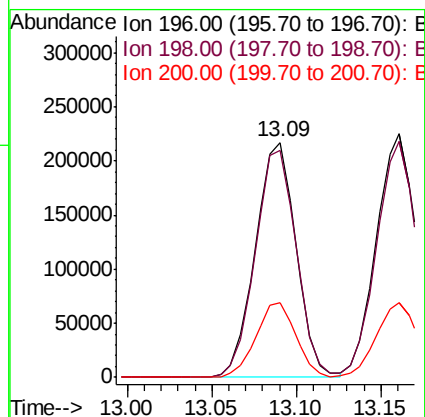
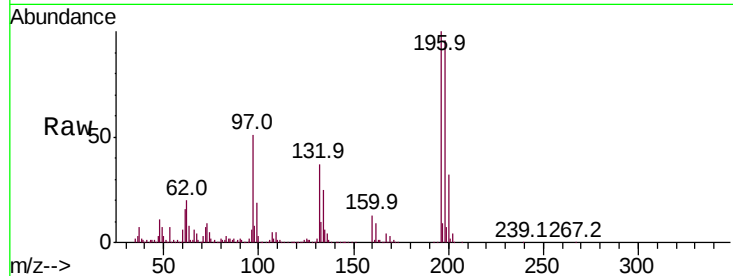




#43
2,4,6-Trichlorophenol
Concen: 57.489 ng
RT: 13.09 min Scan# 1702
Delta R.T. 0.00 min
Lab File: BG043747.D
Acq: 22 Nov 2019 18:24

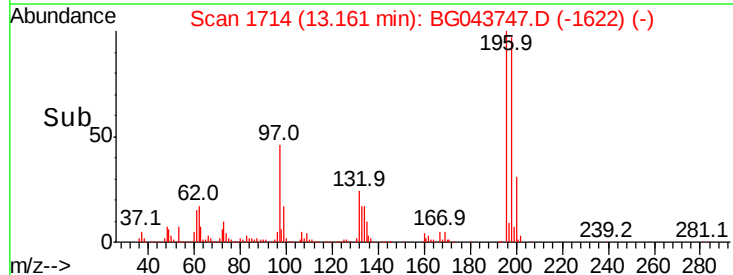
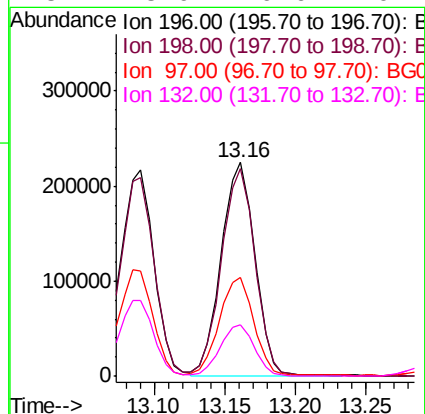
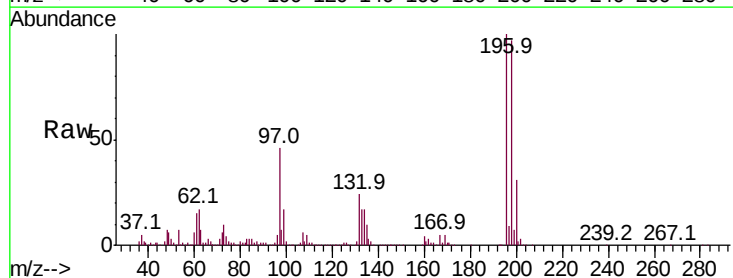
Instrument :
BNA_G
ClientSampleId :

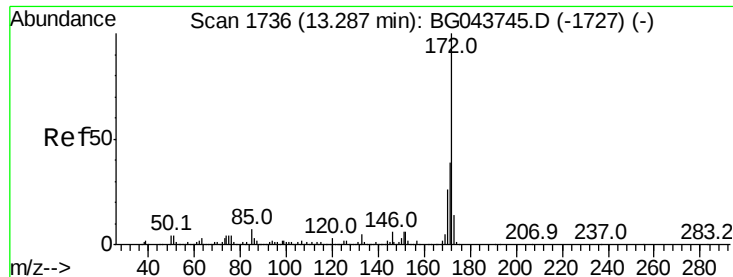
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.4	76.5	114.7
200	31.5	24.6	36.8



#44
2,4,5-Trichlorophenol
Concen: 58.293 ng
RT: 13.16 min Scan# 1714
Delta R.T. 0.01 min
Lab File: BG043747.D
Acq: 22 Nov 2019 18:24

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.9	78.2	117.2
97	46.2	39.1	58.7
132	23.9	19.6	29.4

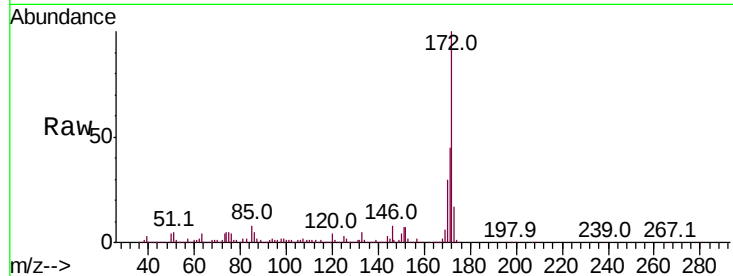




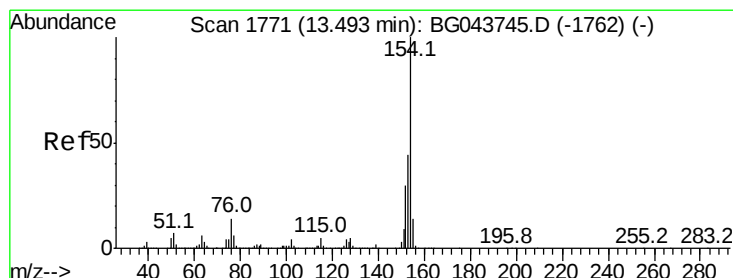
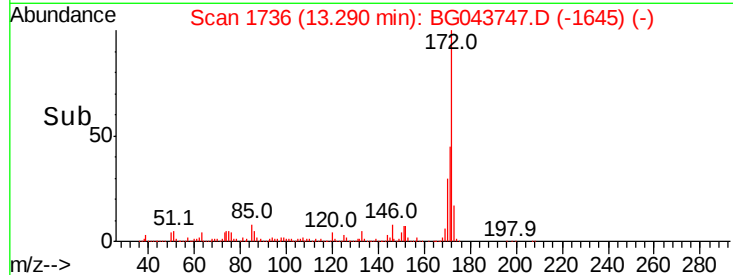
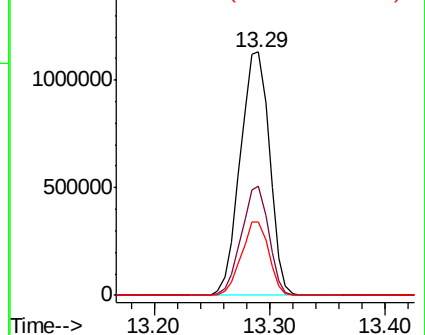
#45
2-Fluorobiphenyl
Concen: 94.645 ng
RT: 13.29 min Scan# 1736
Delta R.T. 0.00 min
Lab File: BG043747.D
Acq: 22 Nov 2019 18:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 1992517
Ion Ratio Lower Upper
172 100
171 45.0 31.0 46.6
170 30.1 21.0 31.4

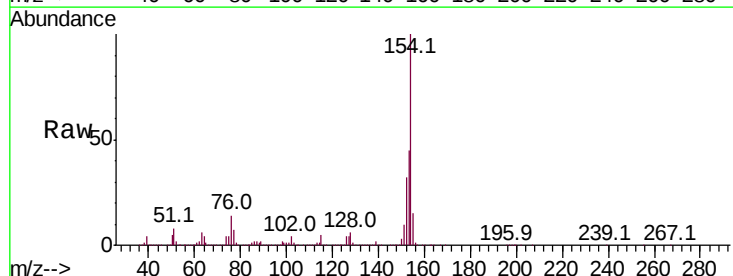


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

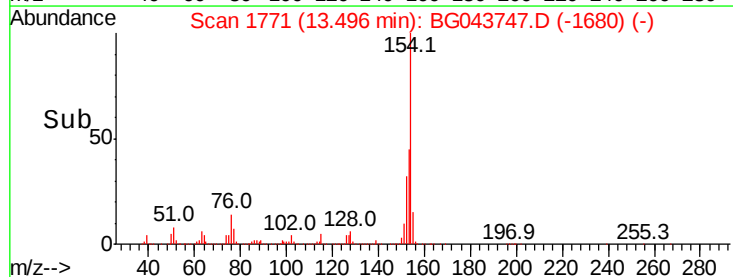
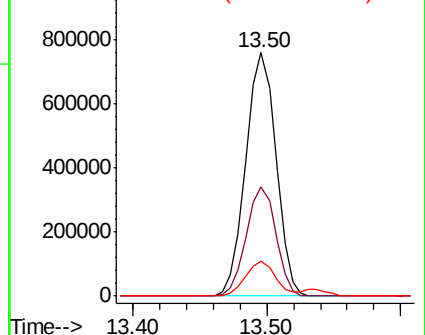


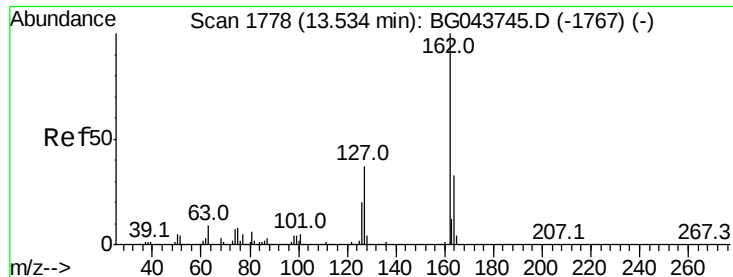
#46
1,1'-Biphenyl
Concen: 53.446 ng
RT: 13.50 min Scan# 1771
Delta R.T. 0.00 min
Lab File: BG043747.D
Acq: 22 Nov 2019 18:24

Tgt Ion:154 Resp: 1182787
Ion Ratio Lower Upper
154 100
153 44.8 23.5 63.5
76 14.3 0.0 33.6



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG

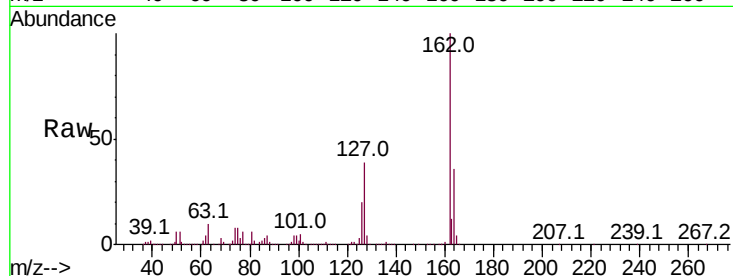




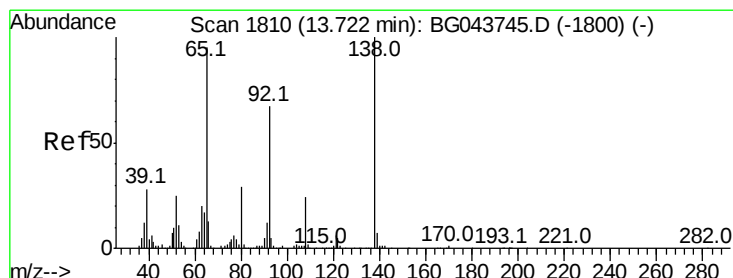
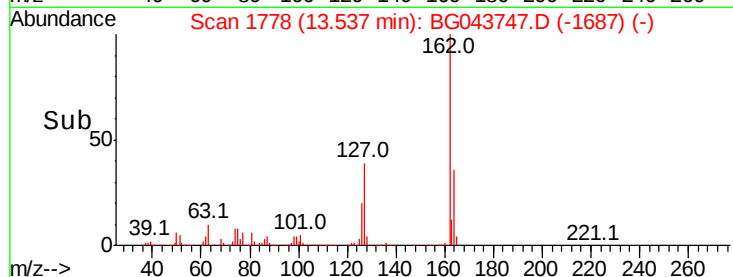
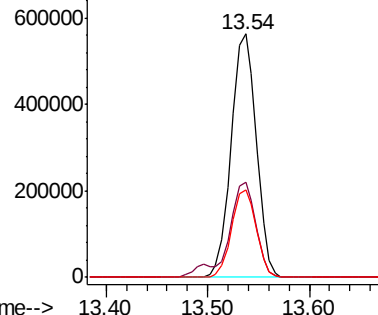
#47
2-Chloronaphthalene
Concen: 57.427 ng
RT: 13.54 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BG043747.D
Acq: 22 Nov 2019 18:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.3	30.0	45.0
164	36.1	26.4	39.6

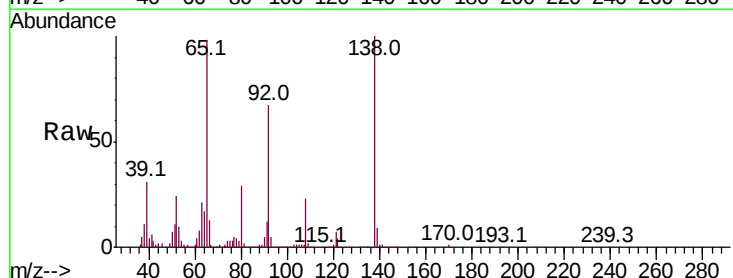


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

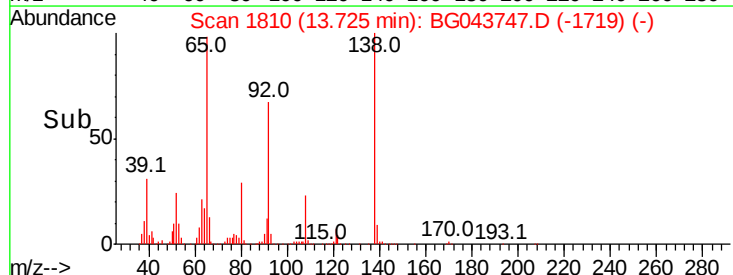
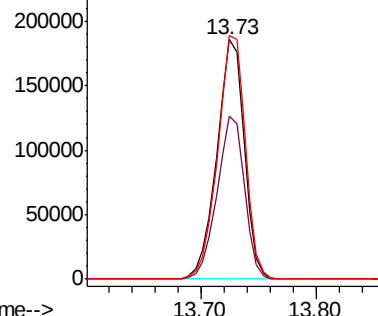


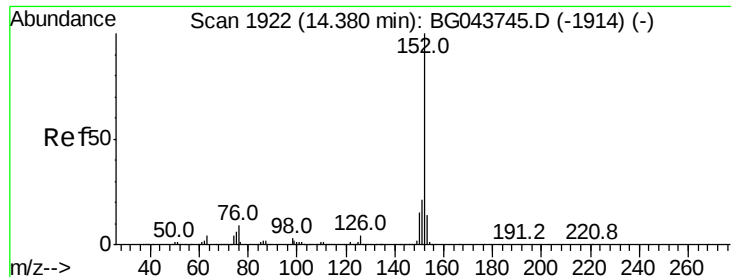
#48
2-Nitroaniline
Concen: 60.873 ng
RT: 13.73 min Scan# 1810
Delta R.T. 0.00 min
Lab File: BG043747.D
Acq: 22 Nov 2019 18:24

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.9	56.1	84.1
138	101.7	84.2	126.4



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: 55.843 ng

RT: 14.38 min Scan# 1922

Delta R.T. 0.00 min

Lab File: BG043747.D

Acq: 22 Nov 2019 18:24

Instrument :

BNA_G

ClientSampleId :

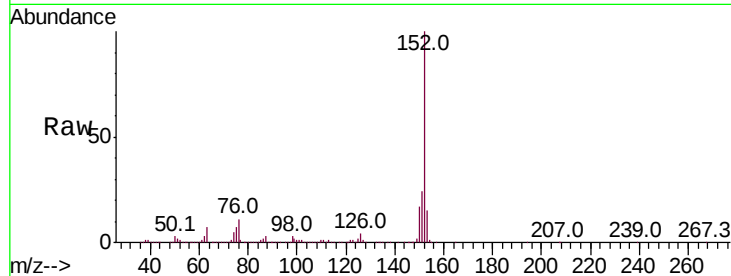
Tot Ion:152 Resp: 1463434

Ion Ratio Lower Upper

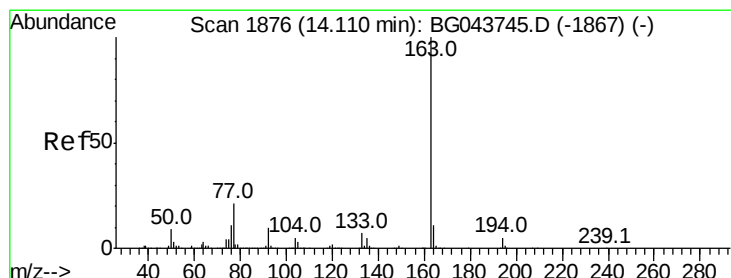
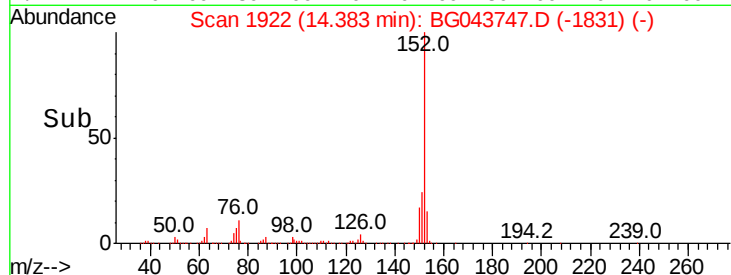
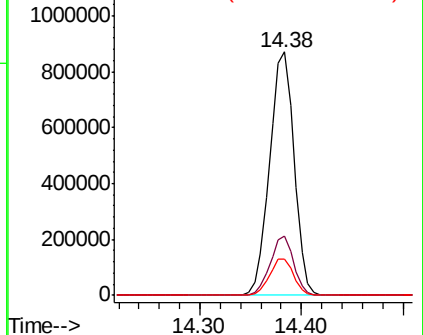
152 100

151 24.4 17.0 25.6

153 14.7 10.8 16.2



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



#50

Dimethylphthalate

Concen: 56.142 ng

RT: 14.12 min Scan# 1877

Delta R.T. 0.01 min

Lab File: BG043747.D

Acq: 22 Nov 2019 18:24

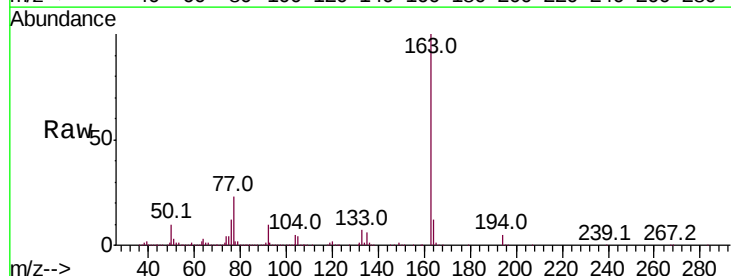
Tgt Ion:163 Resp: 1265013

Ion Ratio Lower Upper

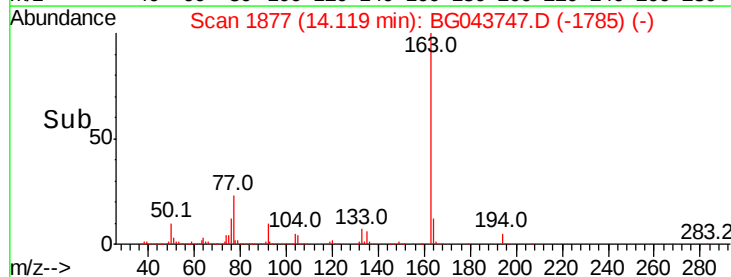
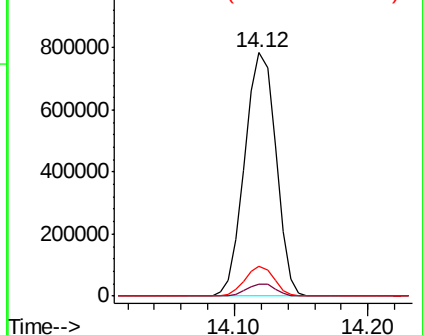
163 100

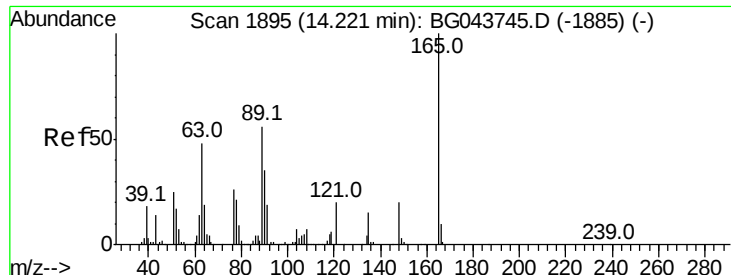
194 5.0 3.7 5.5

164 12.4 8.7 13.1



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

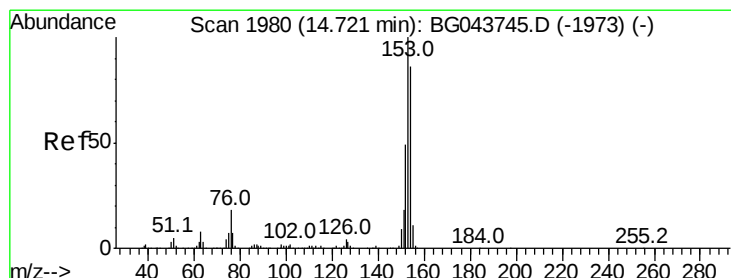
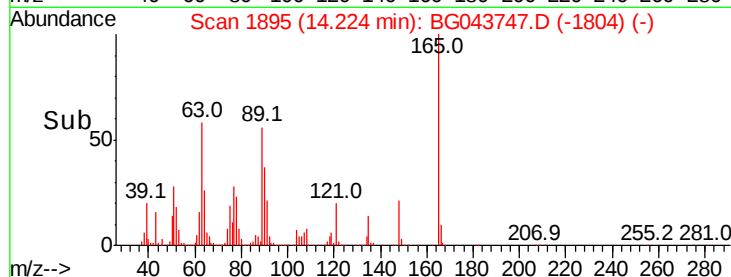
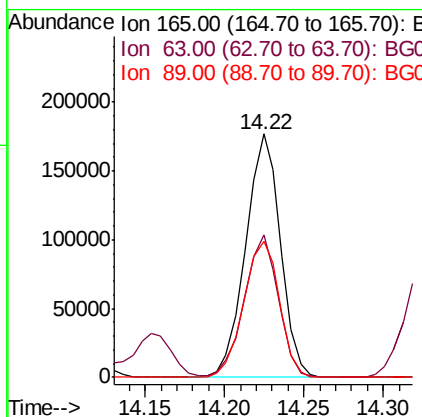
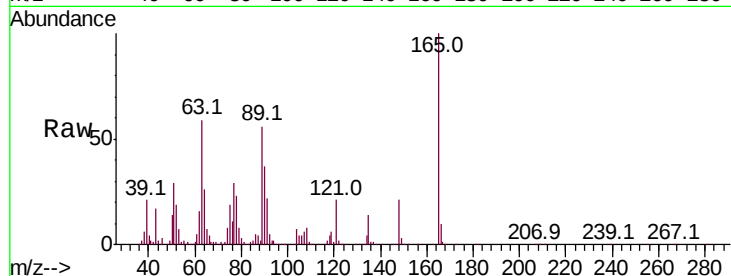




#51
 2,6-Dinitrotoluene
 Concen: 54.857 ng
 RT: 14.22 min Scan# 1895
 Delta R.T. 0.00 min
 Lab File: BG043747.D
 Acq: 22 Nov 2019 18:24

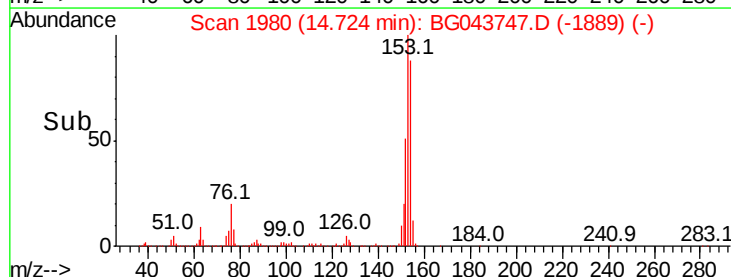
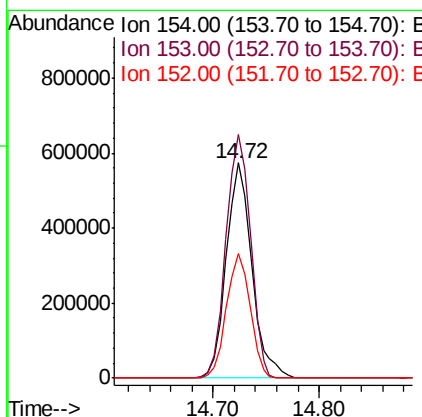
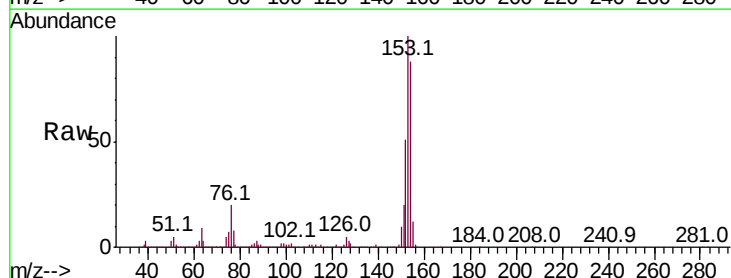
Instrument :
 BNA_G
 ClientSampled :

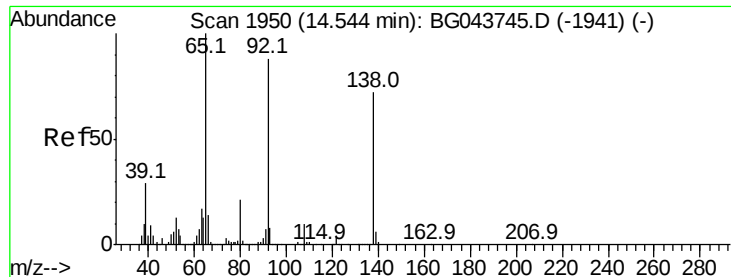
Tot Ion	Ratio	Lower	Upper
165	100		
63	58.6	43.4	65.2
89	55.7	44.6	67.0



#52
 Acenaphthene
 Concen: 59.952 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. 0.00 min
 Lab File: BG043747.D
 Acq: 22 Nov 2019 18:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.3	92.9	139.3
152	58.2	45.2	67.8

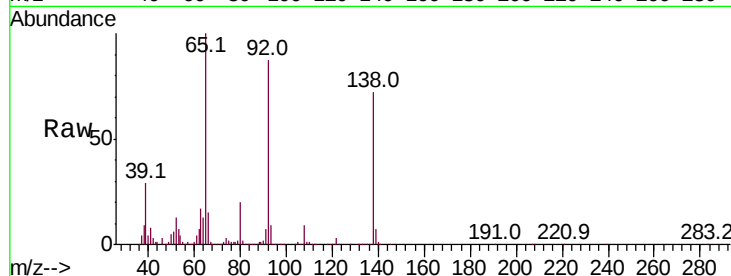




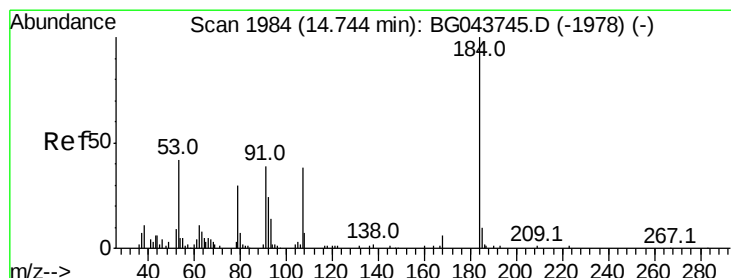
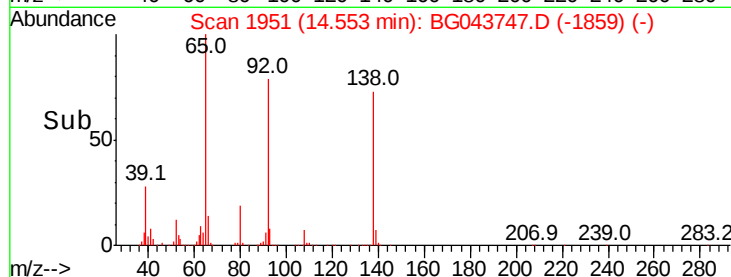
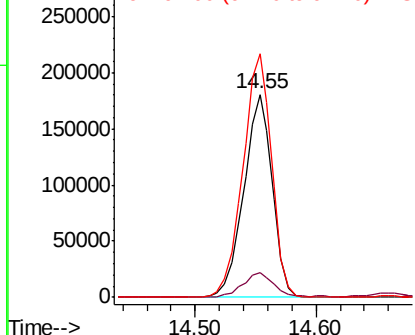
#53
3-Nitroaniline
Concen: 62.569 ng
RT: 14.55 min Scan# 1951
Delta R.T. 0.01 min
Lab File: BG043747.D
Acq: 22 Nov 2019 18:24

Instrument :
BNA_G
ClientSampled :

Tot Ion:138 Resp: 295710
Ion Ratio Lower Upper
138 100
108 12.4 11.7 17.5
92 120.0 97.2 145.8

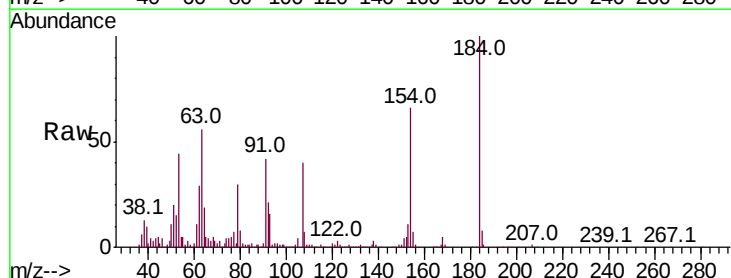


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

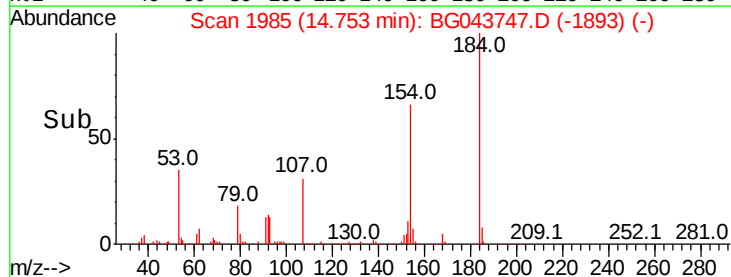
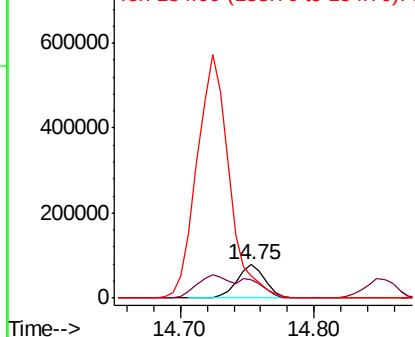


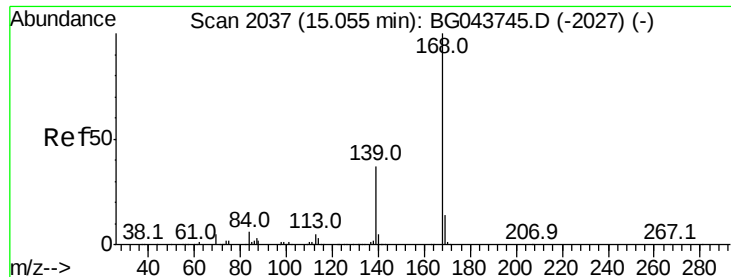
#54
2,4-Dinitrophenol
Concen: 44.287 ng
RT: 14.75 min Scan# 1985
Delta R.T. 0.01 min
Lab File: BG043747.D
Acq: 22 Nov 2019 18:24

Tgt Ion:184 Resp: 114460
Ion Ratio Lower Upper
184 100
63 56.0 52.4 78.6
154 66.2 92.8 139.2#



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

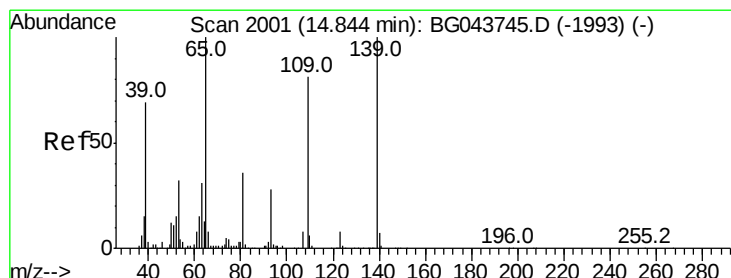
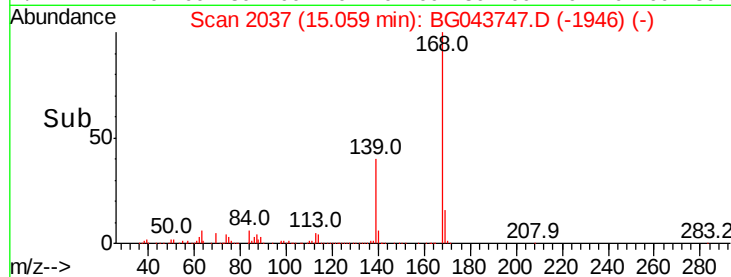
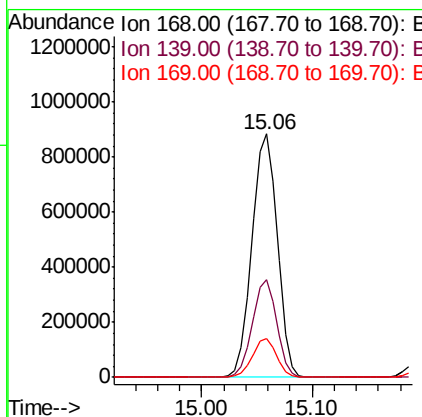
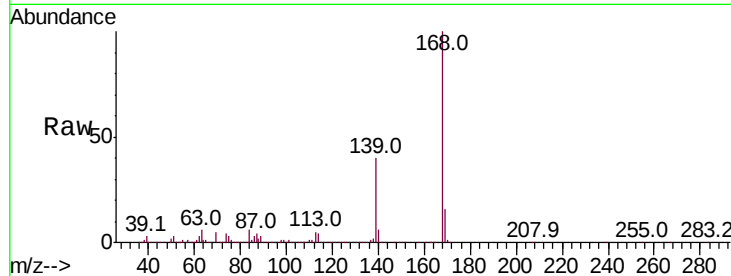




#55
Dibenzofuran
Concen: 55.081 ng
RT: 15.06 min Scan# 2037
Delta R.T. 0.00 min
Lab File: BG043747.D
Acq: 22 Nov 2019 18:24

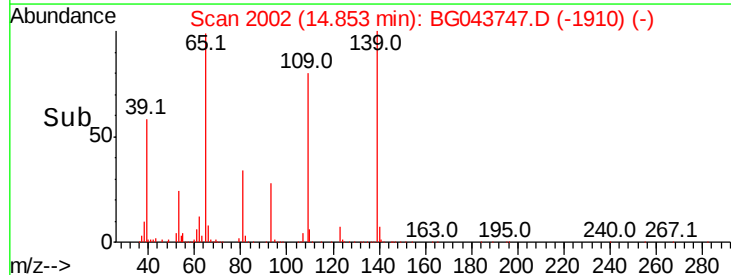
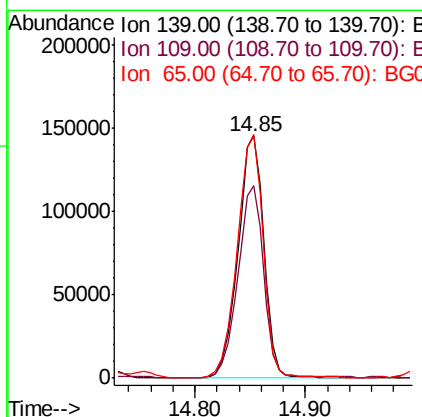
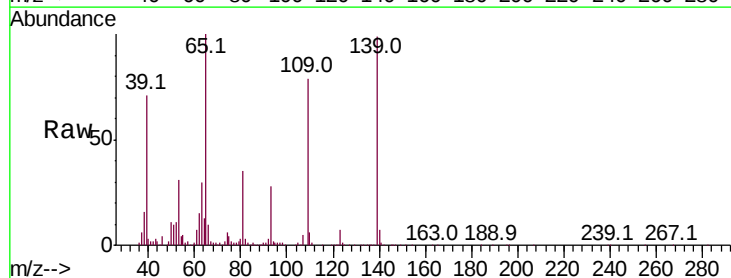
Instrument :
BNA_G
ClientSampled :

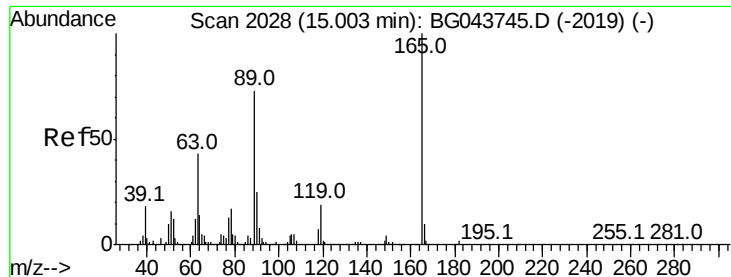
Tot Ion:168 Resp: 1427518
Ion Ratio Lower Upper
168 100
139 40.2 29.4 44.2
169 15.8 11.3 16.9



#56
4-Nitrophenol
Concen: 75.563 ng
RT: 14.85 min Scan# 2002
Delta R.T. 0.01 min
Lab File: BG043747.D
Acq: 22 Nov 2019 18:24

Tgt Ion:139 Resp: 239319
Ion Ratio Lower Upper
139 100
109 79.6 61.4 101.4
65 100.6 80.3 120.3





#57

2,4-Dinitrotoluene

Concen: 52.693 ng

RT: 15.01 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BG043747.D

Acq: 22 Nov 2019 18:24

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 368623

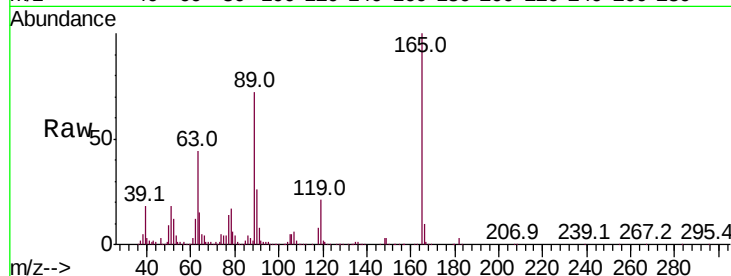
Ion Ratio Lower Upper

165 100

63 44.2 34.6 51.8

89 72.0 58.3 87.5

182 2.8 1.9 2.9

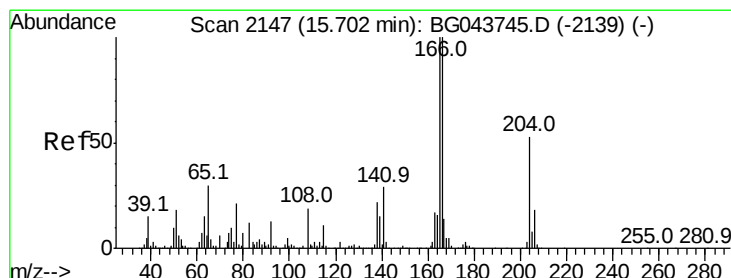
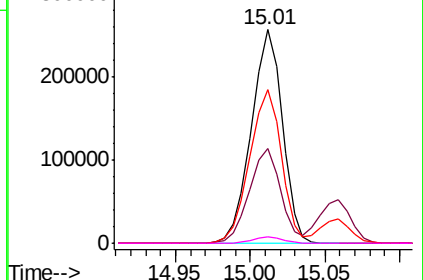
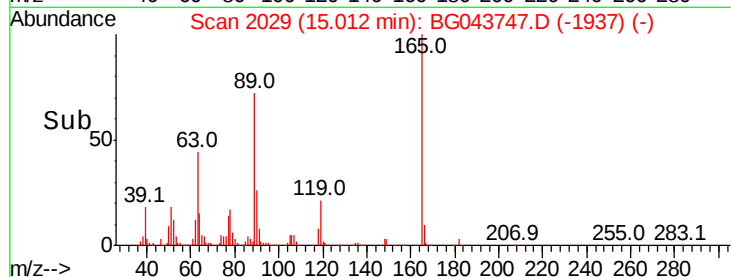


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 52.906 ng

RT: 15.71 min Scan# 2147

Delta R.T. 0.00 min

Lab File: BG043747.D

Acq: 22 Nov 2019 18:24

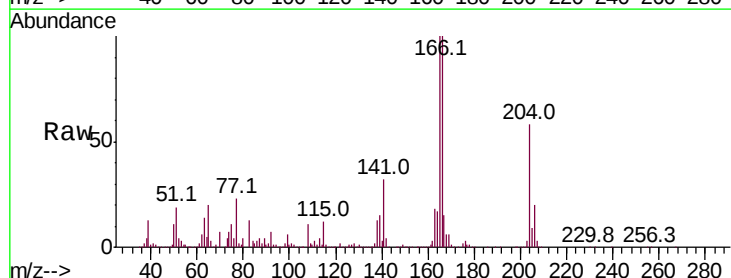
Tgt Ion:166 Resp: 1150000

Ion Ratio Lower Upper

166 100

165 99.7 79.9 119.9

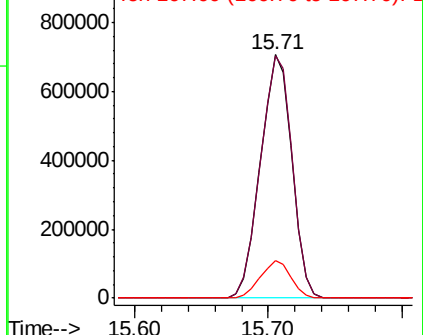
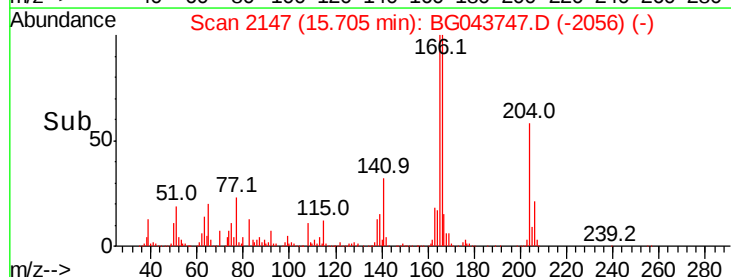
167 15.3 11.4 17.0

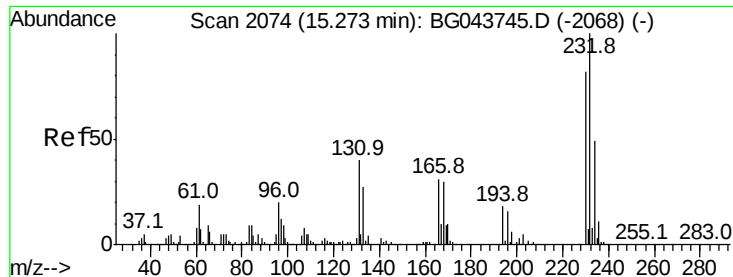


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

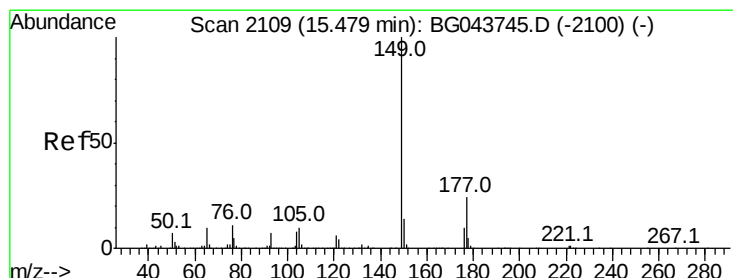
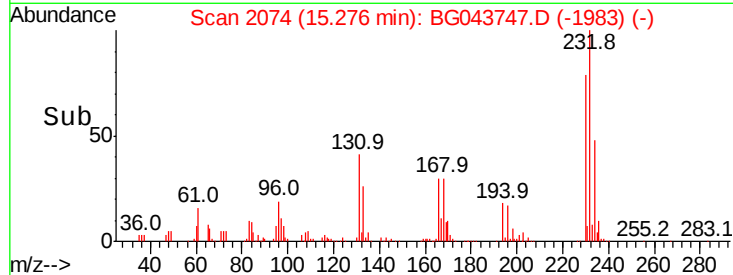
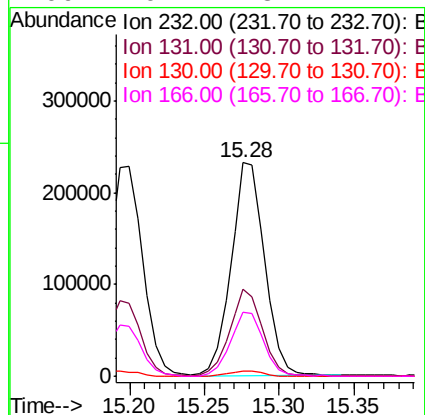
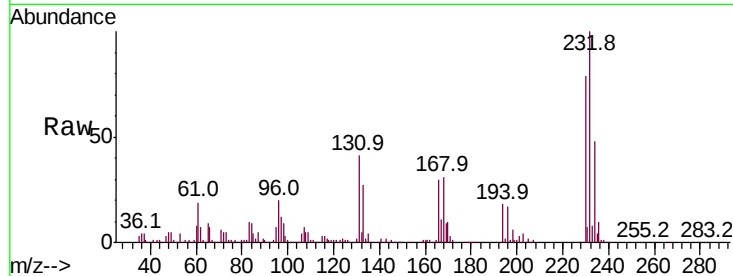




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 53.166 ng
 RT: 15.28 min Scan# 2074
 Delta R.T. 0.00 min
 Lab File: BG043747.D
 Acq: 22 Nov 2019 18:24

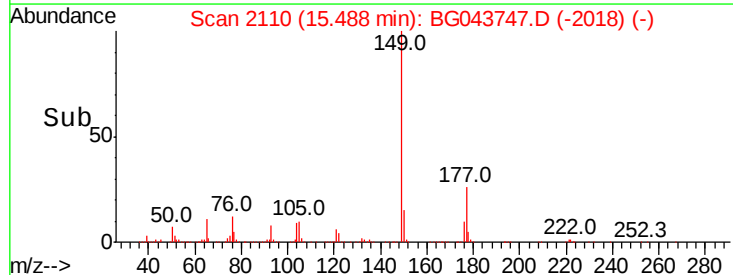
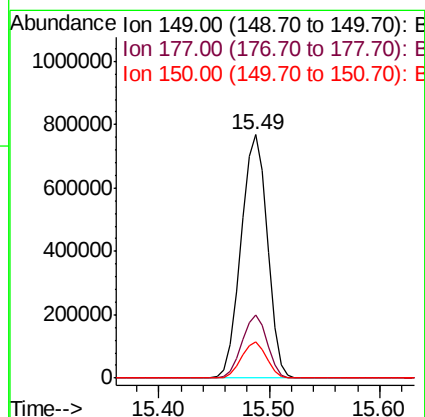
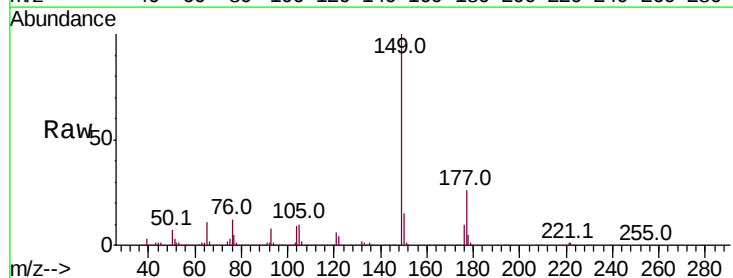
Instrument :
 BNA_G
 ClientSampleId :

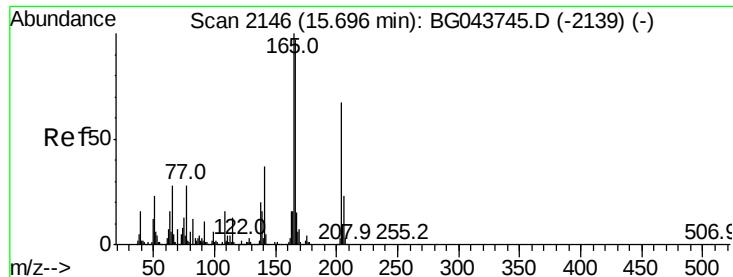
Tot Ion:	232	Resp:	362063
Ion	Ratio	Lower	Upper
232	100		
131	39.7	27.0	40.6
130	2.4	1.6	2.4#
166	29.7	18.2	27.2#



#60
 Diethylphthalate
 Concen: 56.840 ng
 RT: 15.49 min Scan# 2110
 Delta R.T. 0.01 min
 Lab File: BG043747.D
 Acq: 22 Nov 2019 18:24

Tgt Ion:	149	Resp:	1286867
Ion	Ratio	Lower	Upper
149	100		
177	26.1	19.3	28.9
150	14.9	11.1	16.7

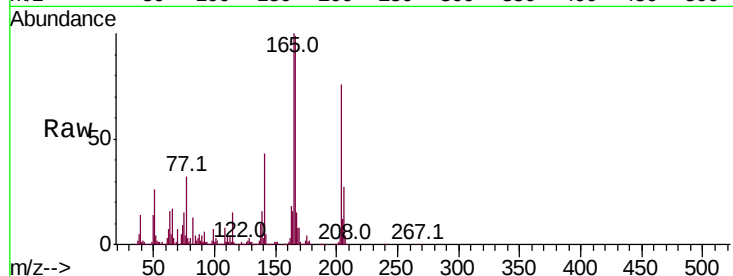




#61
4-Chlorophenyl-phenylether
Concen: 52.069 ng
RT: 15.70 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BG043747.D
Acq: 22 Nov 2019 18:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	36.2	27.4	41.0
141	56.6	44.3	66.5

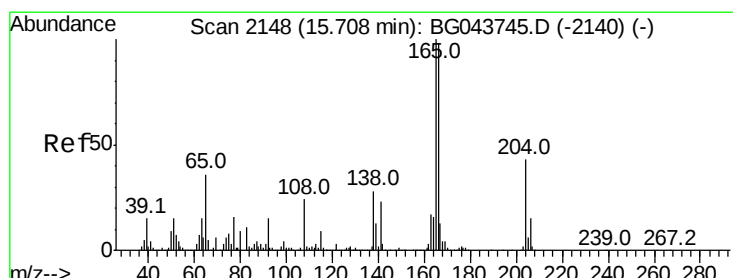
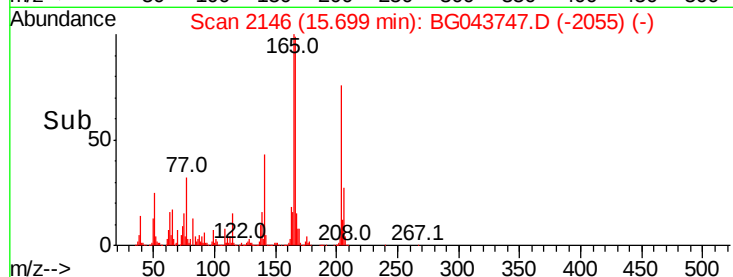
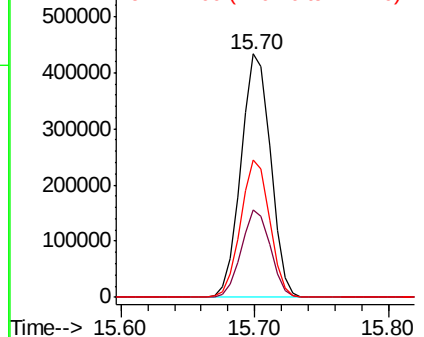


Abundance

Ion 204.00 (203.70 to 204.70): E

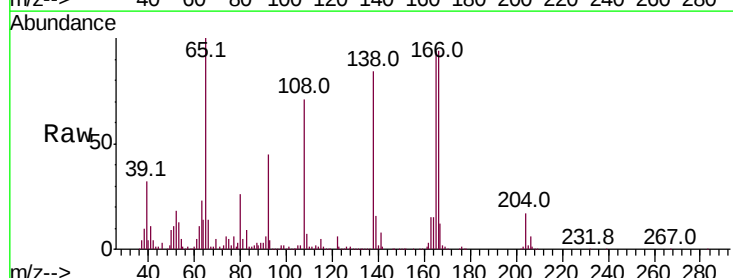
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 63.699 ng
RT: 15.72 min Scan# 2150
Delta R.T. 0.02 min
Lab File: BG043747.D
Acq: 22 Nov 2019 18:24

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.4	34.6	74.6
108	84.4	65.7	105.7

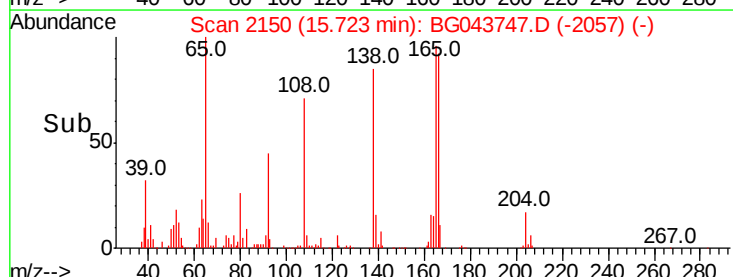
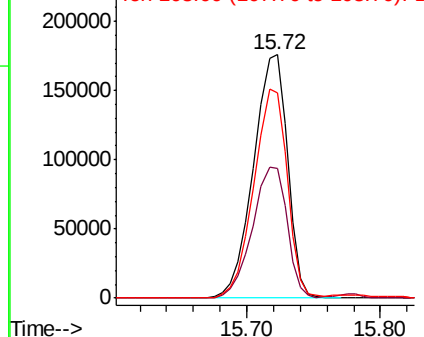


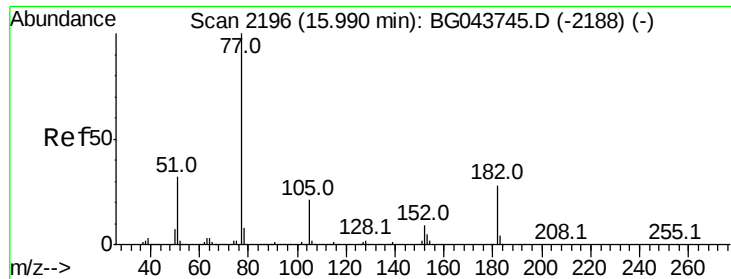
Abundance

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: 64.868 ng

RT: 15.99 min Scan# 2196

Delta R.T. 0.00 min

Lab File: BG043747.D

Acq: 22 Nov 2019 18:24

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 1188600

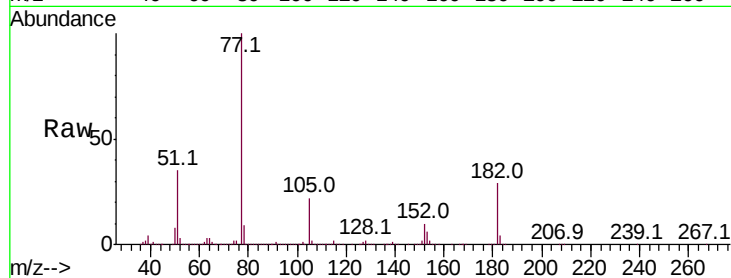
Ion	Ratio	Lower	Upper
77	100		
182	28.9	7.6	47.6
105	22.2	0.7	40.7
51	35.3	12.1	52.1

77 100

182 28.9 7.6 47.6

105 22.2 0.7 40.7

51 35.3 12.1 52.1

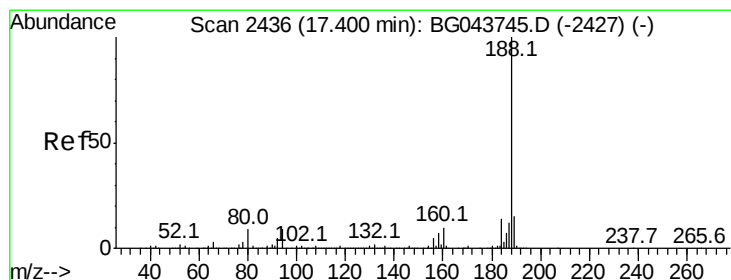
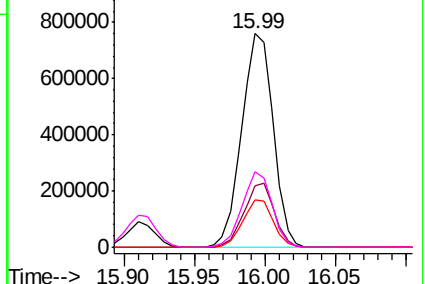
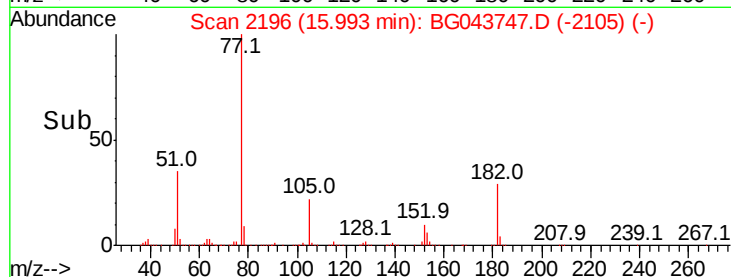


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.40 min Scan# 2436

Delta R.T. 0.00 min

Lab File: BG043747.D

Acq: 22 Nov 2019 18:24

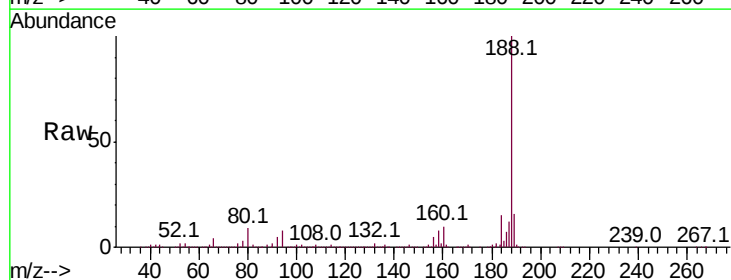
Tgt Ion: 188 Resp: 673278

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.9	10.3
80	9.3	7.5	11.3

188 100

94 8.2 6.9 10.3

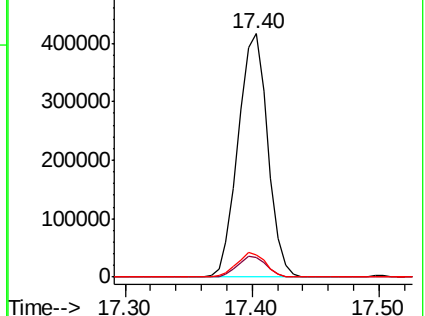
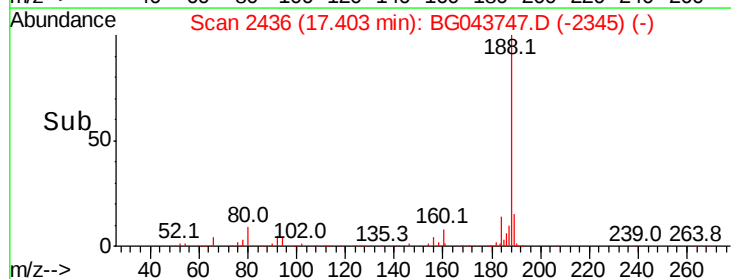
80 9.3 7.5 11.3

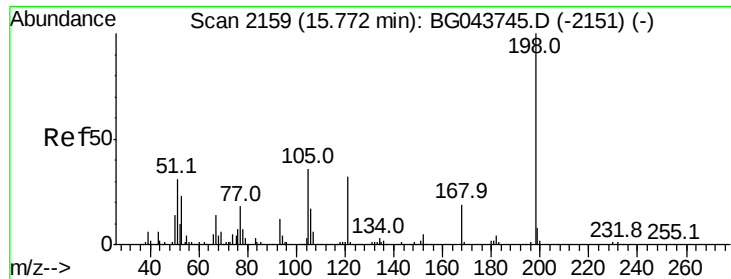


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

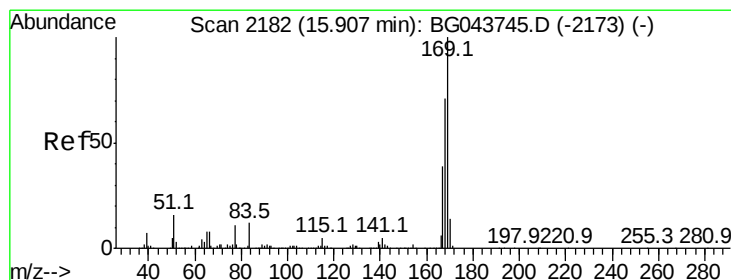
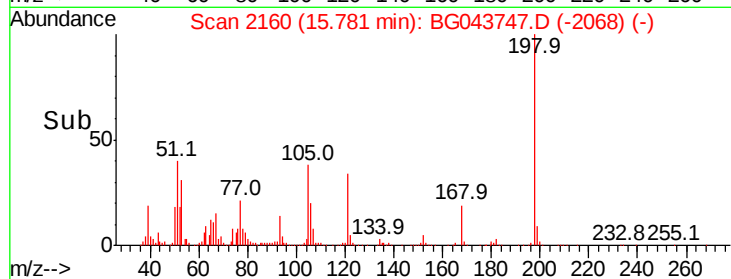
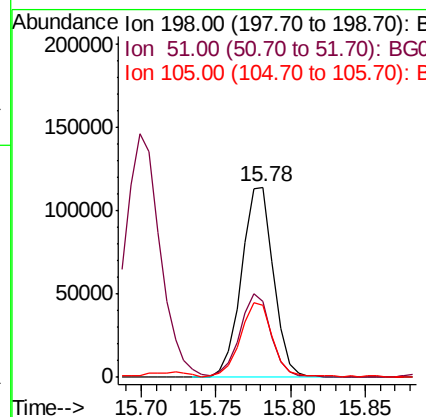
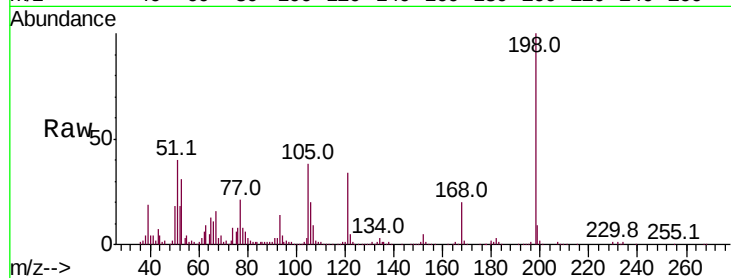




#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.745 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. 0.01 min
 Lab File: BG043747.D
 Acq: 22 Nov 2019 18:24

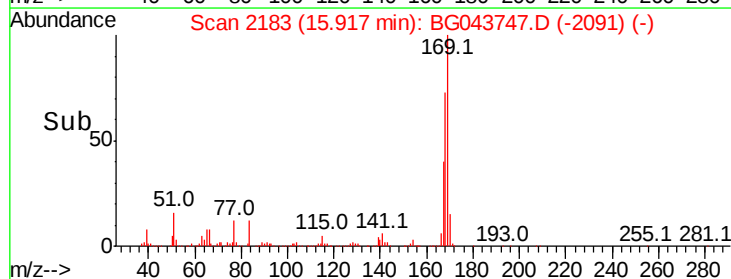
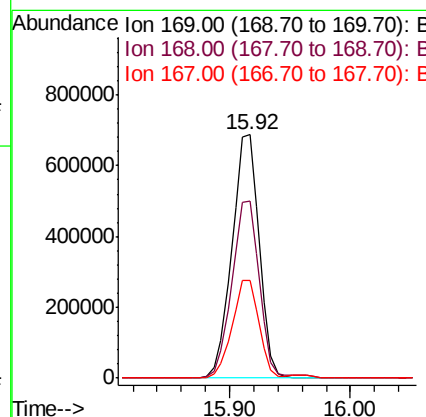
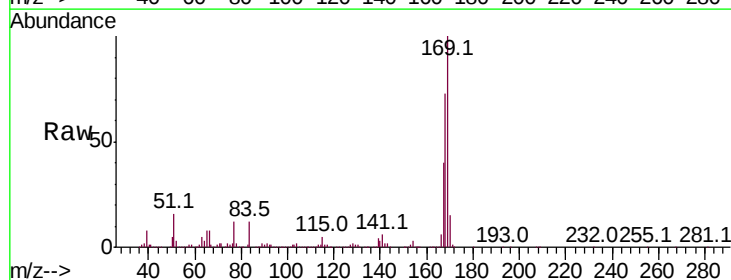
Instrument :
 BNA_G
 ClientSampleId :

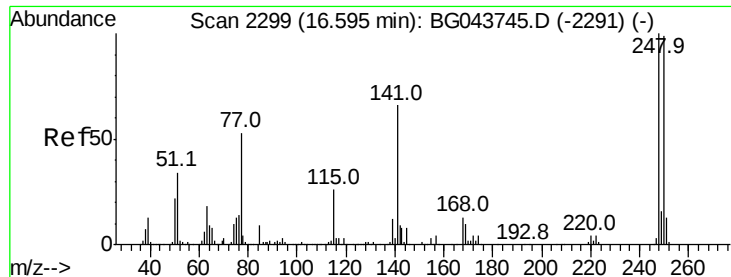
Tot Ion	Ratio	Lower	Upper
198	100		
51	39.7	16.8	56.8
105	38.1	17.3	57.3



#66
 n-Nitrosodiphenylamine
 Concen: 56.483 ng
 RT: 15.92 min Scan# 2183
 Delta R.T. 0.01 min
 Lab File: BG043747.D
 Acq: 22 Nov 2019 18:24

Tgt Ion	Ratio	Lower	Upper
169	100		
168	72.7	56.6	85.0
167	40.3	30.8	46.2





#67

4-Bromophenyl-phenylether

Concen: 49.325 ng

RT: 16.59 min Scan# 2298

Delta R.T. -0.00 min

Lab File: BG043747.D

Acq: 22 Nov 2019 18:24

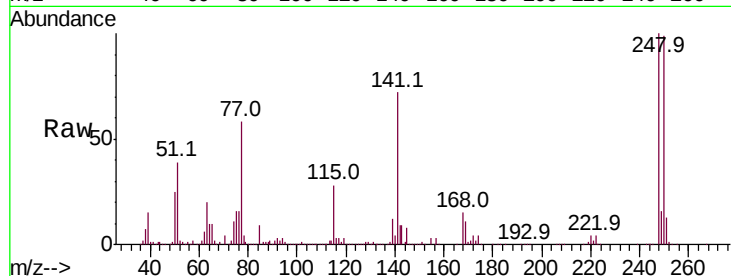
Instrument :

BNA_G

ClientSampleId :

Tot Ion:248 Resp: 446921

Ion	Ratio	Lower	Upper
248	100		
250	99.3	79.3	118.9
141	71.7	53.0	79.6

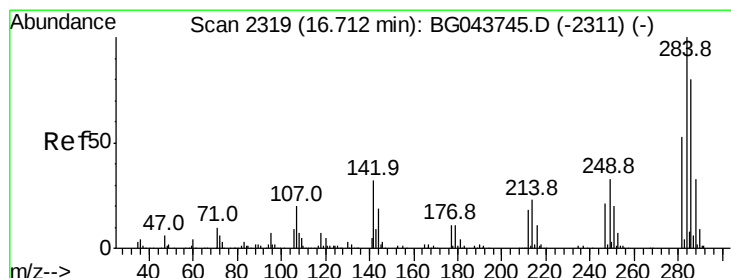
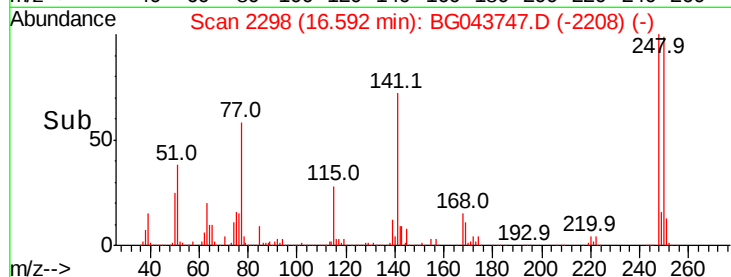
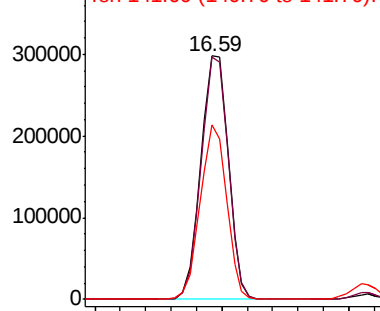


Abundance

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: 45.395 ng

RT: 16.72 min Scan# 2319

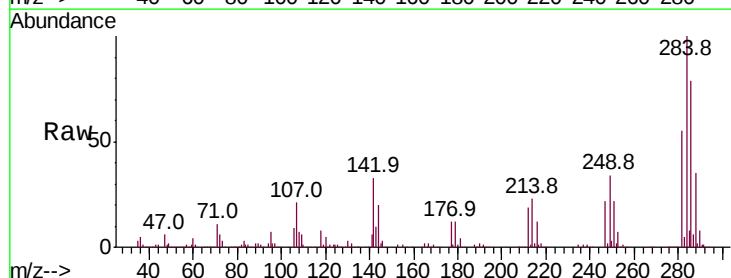
Delta R.T. 0.00 min

Lab File: BG043747.D

Acq: 22 Nov 2019 18:24

Tgt Ion:284 Resp: 472143

Ion	Ratio	Lower	Upper
284	100		
142	33.2	25.4	38.0
249	34.2	26.2	39.4

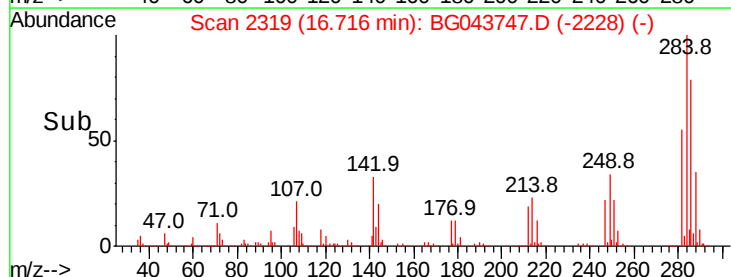
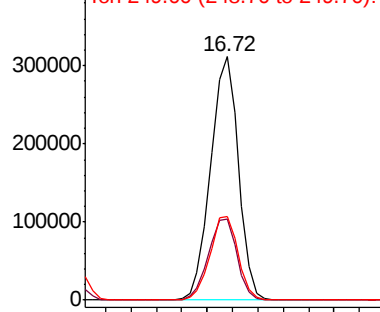


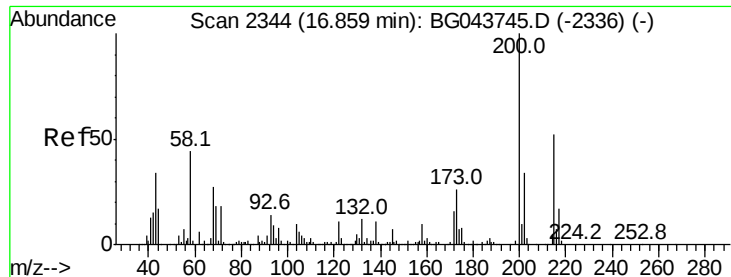
Abundance

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

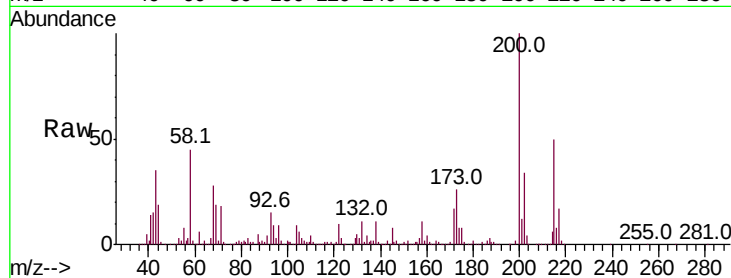




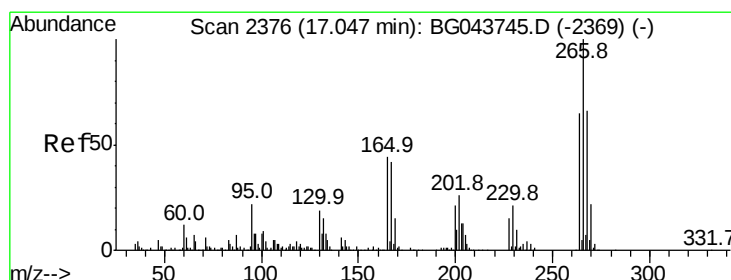
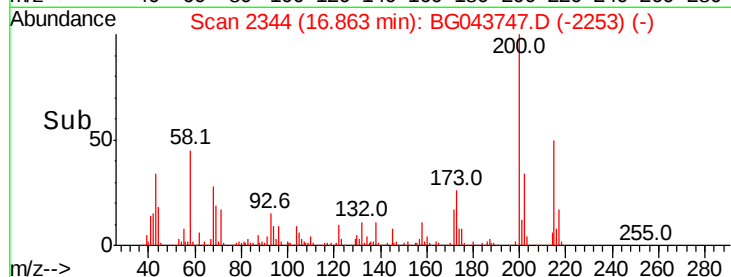
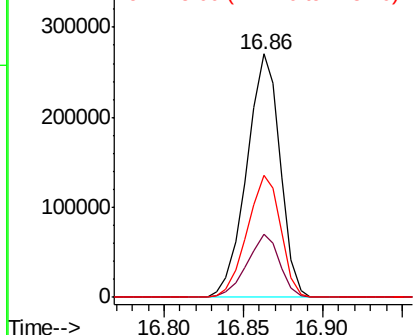
#69
 Atrazine
 Concen: 59.815 ng
 RT: 16.86 min Scan# 2344
 Delta R.T. 0.00 min
 Lab File: BG043747.D
 Acq: 22 Nov 2019 18:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.0	6.0	46.0
215	50.2	32.4	72.4

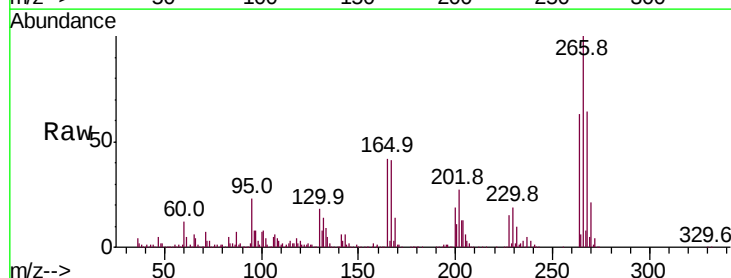


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

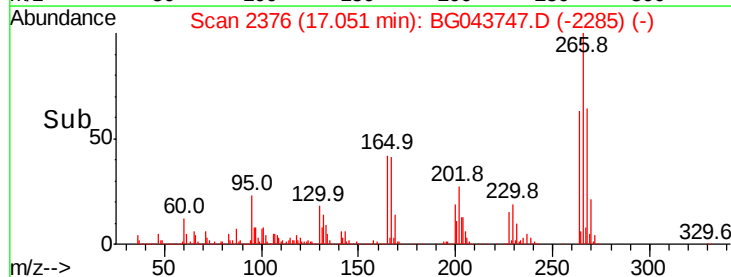
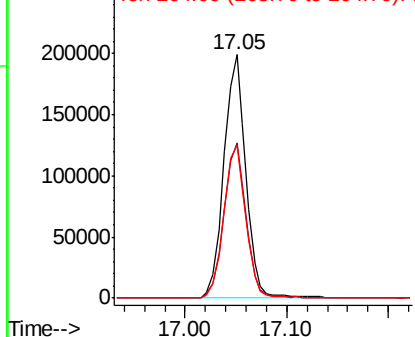


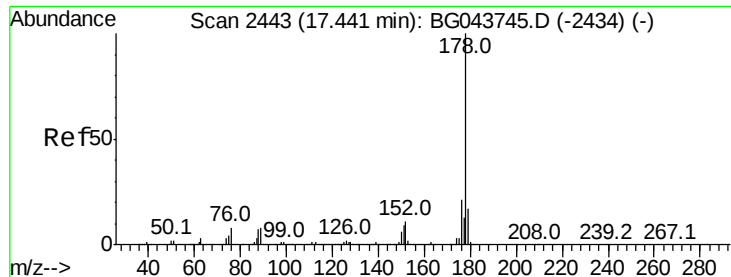
#70
 Pentachlorophenol
 Concen: 62.746 ng
 RT: 17.05 min Scan# 2376
 Delta R.T. 0.00 min
 Lab File: BG043747.D
 Acq: 22 Nov 2019 18:24

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	52.9	79.3
264	62.5	51.6	77.4



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

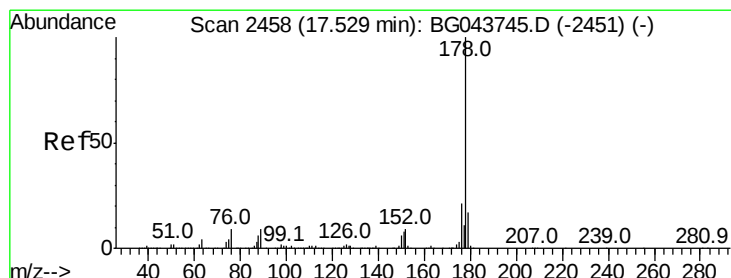
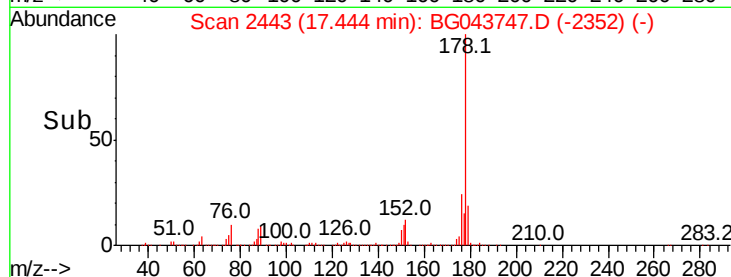
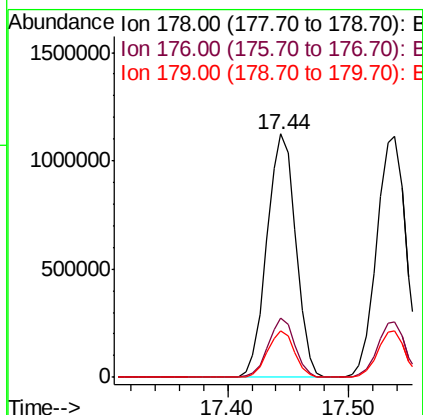
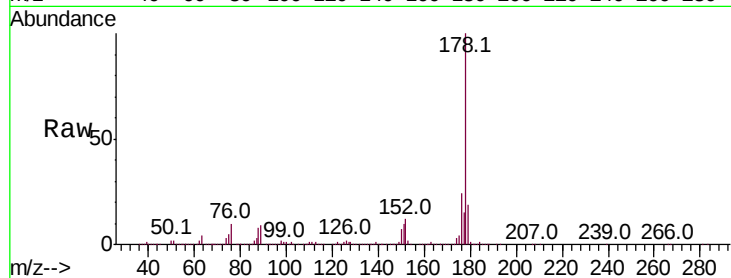




#71
Phenanthrene
Concen: 54.153 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG043747.D
Acq: 22 Nov 2019 18:24

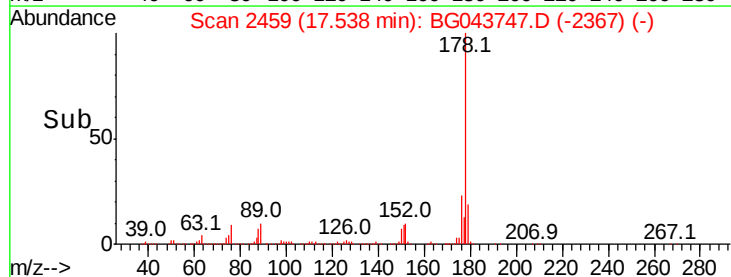
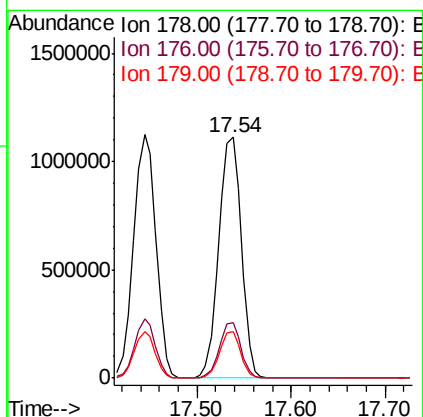
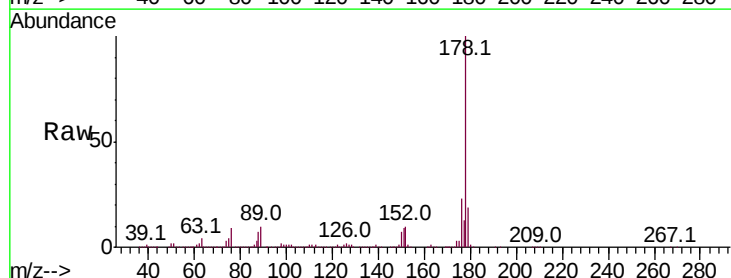
Instrument :
BNA_G
ClientSampleId :

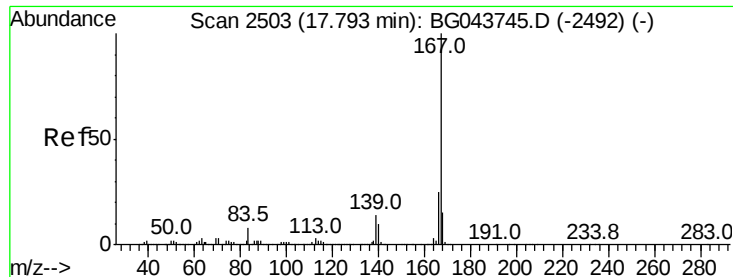
Tot Ion:178 Resp: 1867014
Ion Ratio Lower Upper
178 100
176 24.3 16.9 25.3
179 19.3 13.5 20.3



#72
Anthracene
Concen: 54.276 ng
RT: 17.54 min Scan# 2459
Delta R.T. 0.01 min
Lab File: BG043747.D
Acq: 22 Nov 2019 18:24

Tgt Ion:178 Resp: 1872249
Ion Ratio Lower Upper
178 100
176 23.2 16.5 24.7
179 19.2 13.4 20.2





#73

Carbazole

Concen: 55.117 ng

RT: 17.80 min Scan# 2503

Delta R.T. 0.00 min

Lab File: BG043747.D

Acq: 22 Nov 2019 18:24

Instrument :

BNA_G

ClientSampleId :

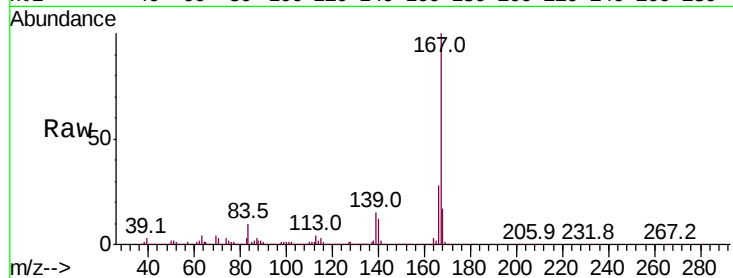
Tot Ion:167 Resp: 1721721

Ion Ratio Lower Upper

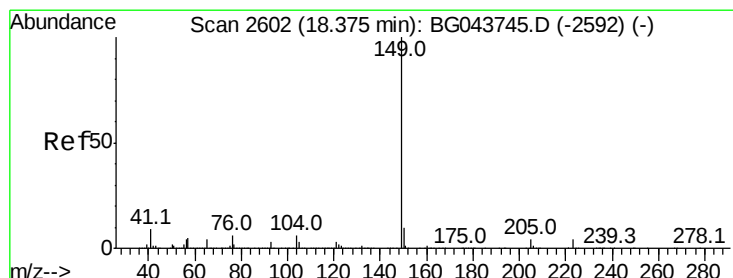
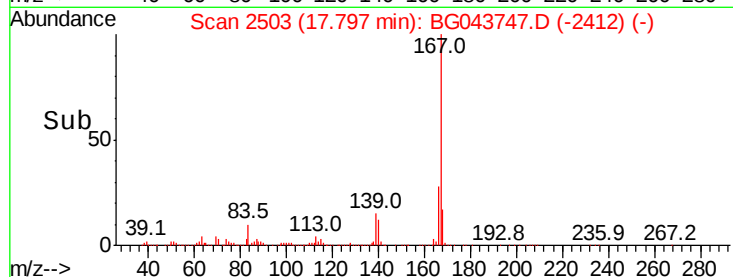
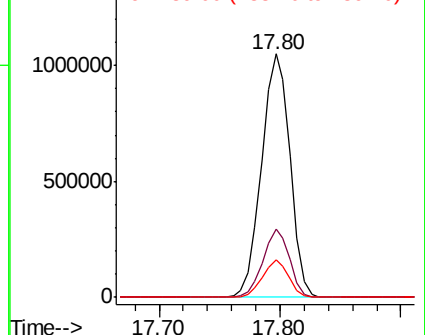
167 100

166 27.9 19.8 29.6

139 15.2 10.9 16.3



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: 55.142 ng

RT: 18.38 min Scan# 2602

Delta R.T. 0.00 min

Lab File: BG043747.D

Acq: 22 Nov 2019 18:24

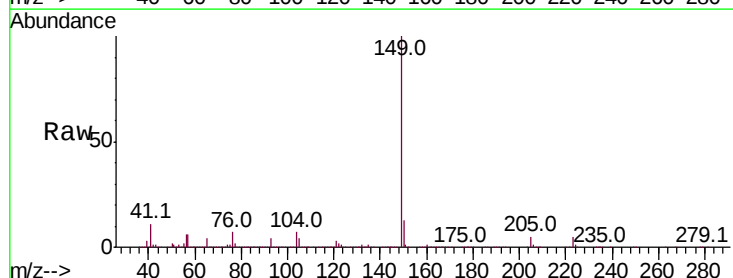
Tgt Ion:149 Resp: 2090028

Ion Ratio Lower Upper

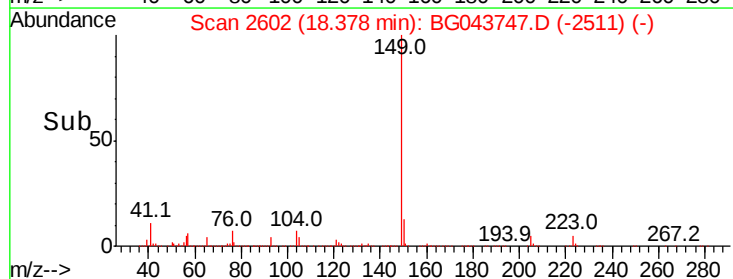
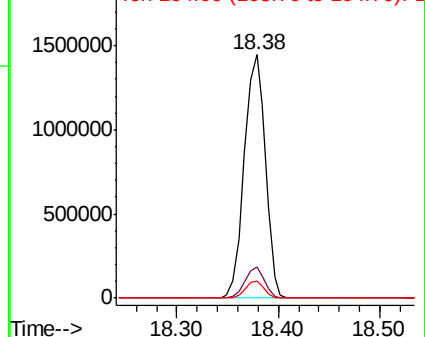
149 100

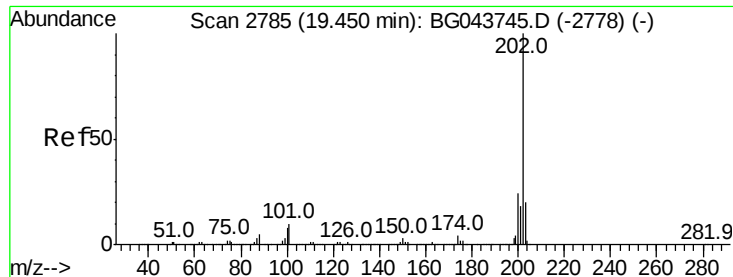
150 13.0 8.4 12.6#

104 7.2 4.6 7.0#



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: 49.011 ng

RT: 19.45 min Scan# 2785

Delta R.T. 0.00 min

Lab File: BG043747.D

Acq: 22 Nov 2019 18:24

Instrument :

BNA_G

ClientSampleId :

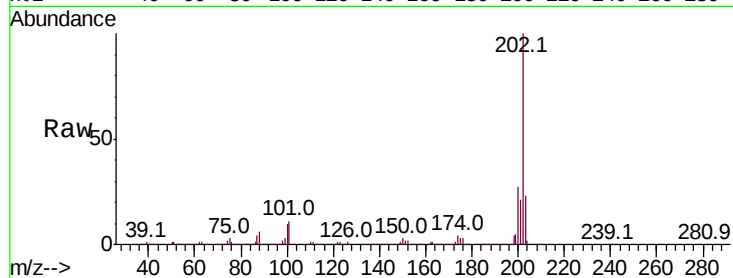
Tot Ion:202 Resp: 2202916

Ion Ratio Lower Upper

202 100

101 11.4 0.0 30.1

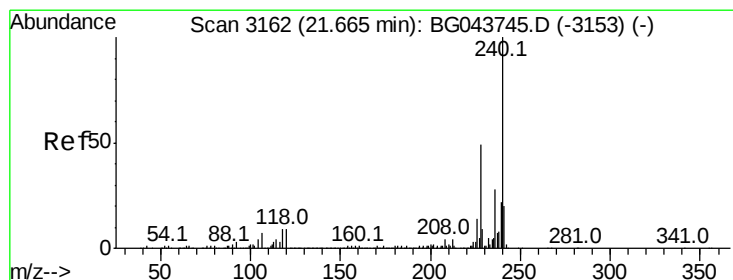
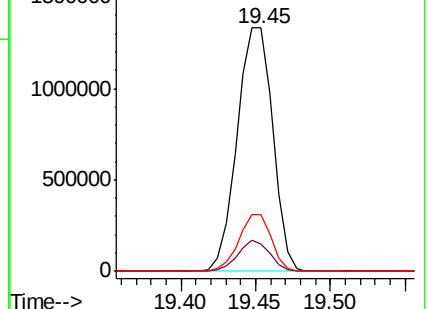
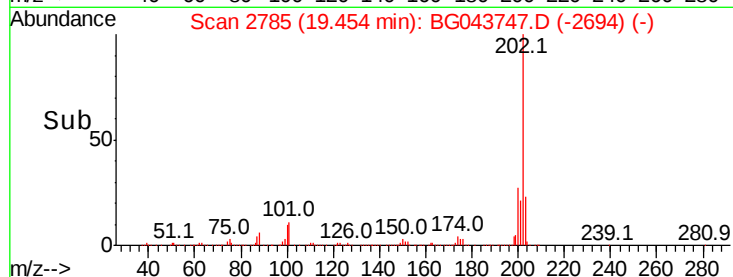
203 23.1 0.0 39.7



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: 21.67 min Scan# 3162

Delta R.T. 0.00 min

Lab File: BG043747.D

Acq: 22 Nov 2019 18:24

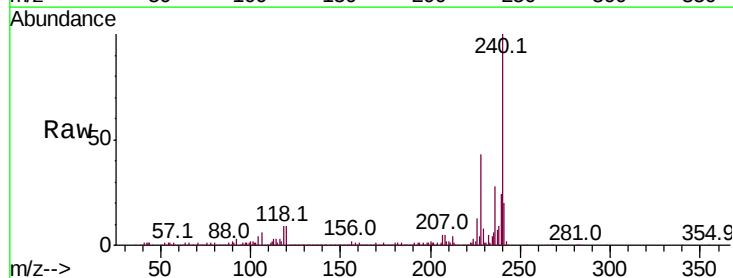
Tgt Ion:240 Resp: 430485

Ion Ratio Lower Upper

240 100

120 8.7 7.5 11.3

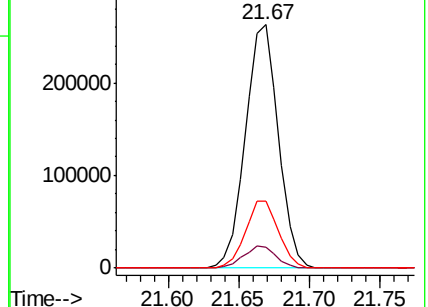
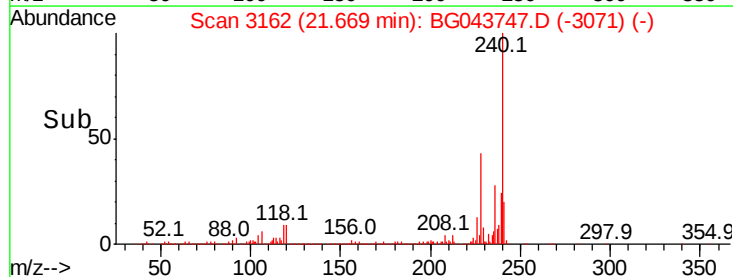
236 27.7 22.6 34.0

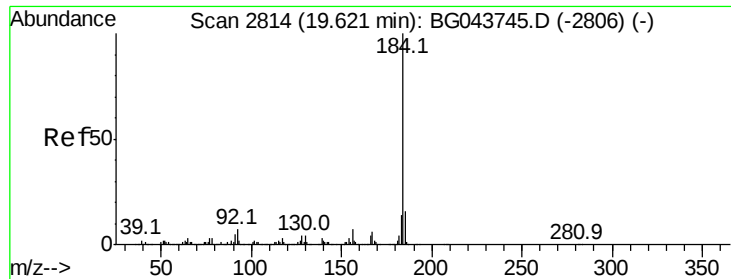


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 94.756 ng

RT: 19.62 min Scan# 2814

Delta R.T. 0.00 min

Lab File: BG043747.D

Acq: 22 Nov 2019 18:24

Instrument :

BNA_G

ClientSampleId :

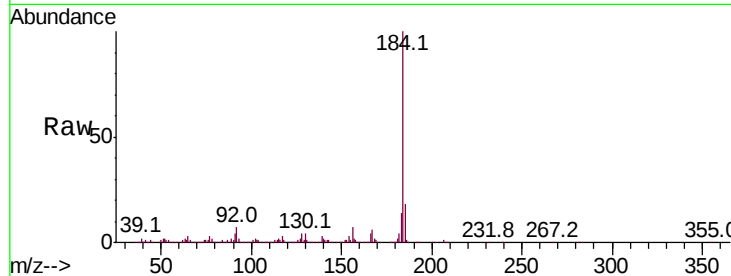
Tot Ion:184 Resp: 820933

Ion Ratio Lower Upper

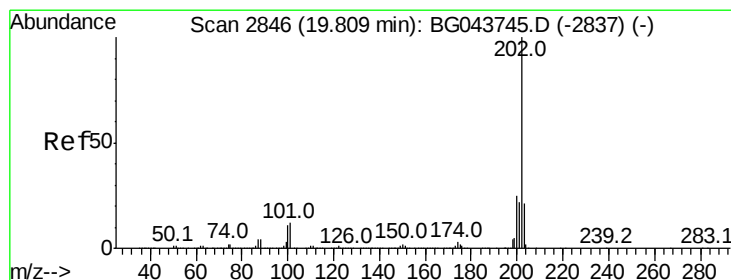
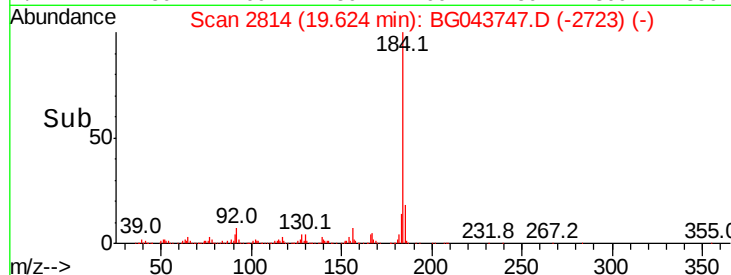
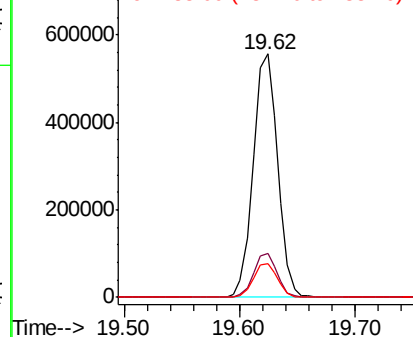
184 100

185 17.9 12.8 19.2

183 14.0 11.3 16.9



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: 82.191 ng

RT: 19.81 min Scan# 2846

Delta R.T. 0.00 min

Lab File: BG043747.D

Acq: 22 Nov 2019 18:24

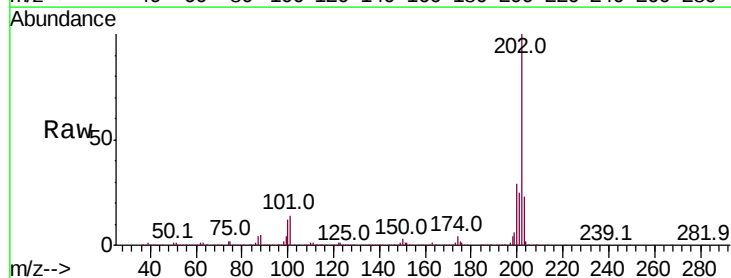
Tgt Ion:202 Resp: 2190092

Ion Ratio Lower Upper

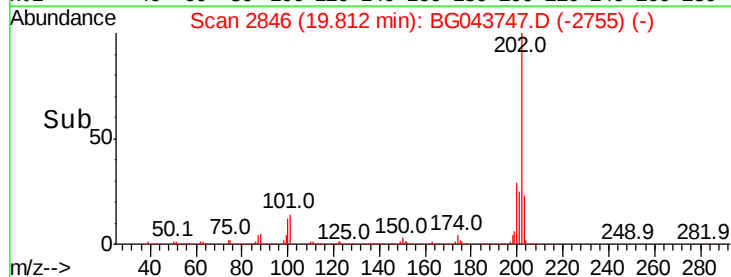
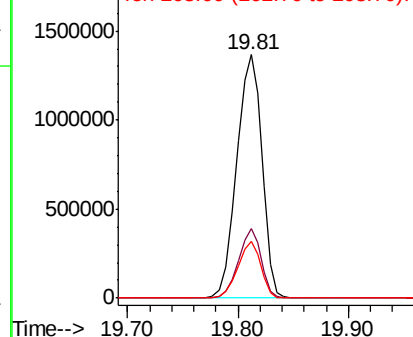
202 100

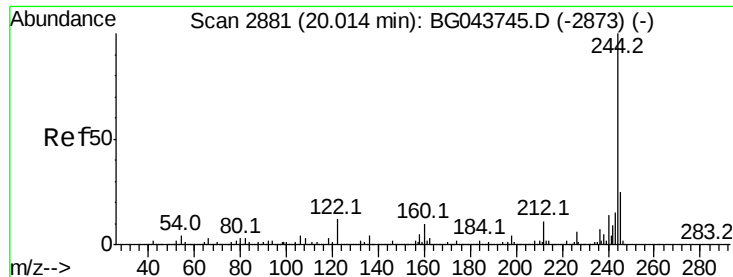
200 28.7 19.8 29.6

203 23.5 16.6 24.8



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: 120.787 ng

RT: 20.02 min Scan# 2881

Delta R.T. 0.00 min

Lab File: BG043747.D

Acq: 22 Nov 2019 18:24

Instrument :

BNA_G

ClientSampleId :

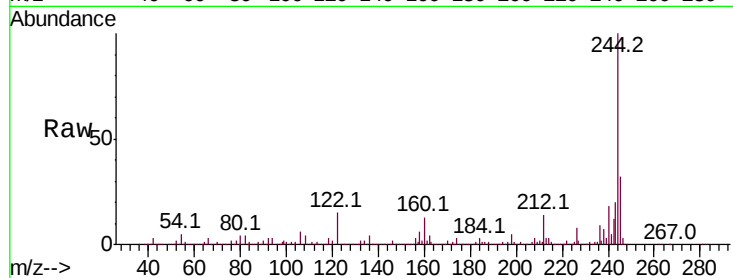
Tot Ion:244 Resp: 2771602

Ion Ratio Lower Upper

244 100

212 13.8 8.5 12.7#

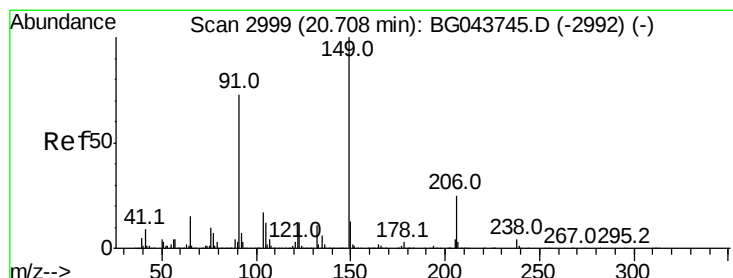
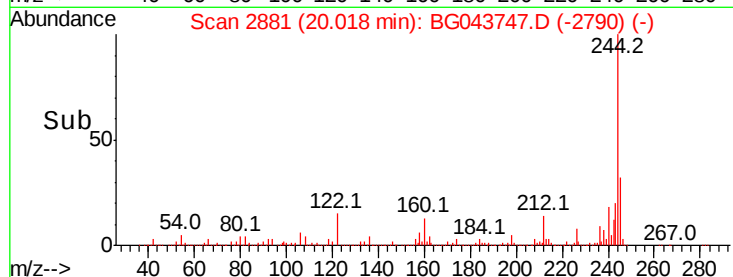
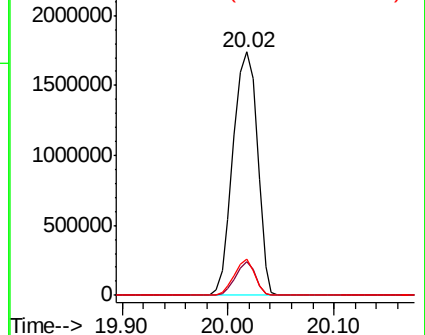
122 14.7 9.5 14.3#



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: 79.564 ng

RT: 20.71 min Scan# 2998

Delta R.T. -0.00 min

Lab File: BG043747.D

Acq: 22 Nov 2019 18:24

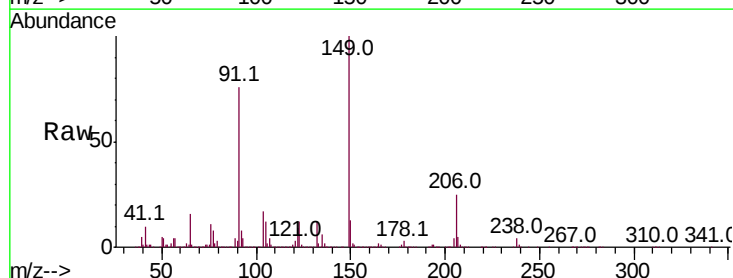
Tgt Ion:149 Resp: 803227

Ion Ratio Lower Upper

149 100

91 76.0 58.8 88.2

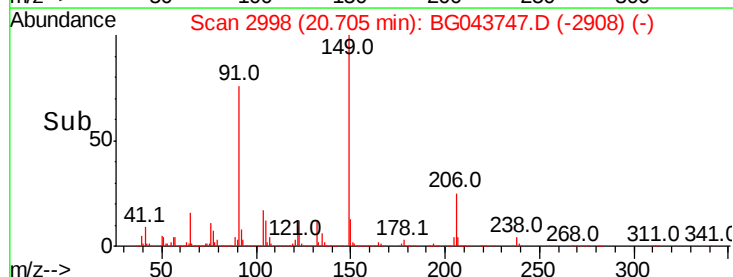
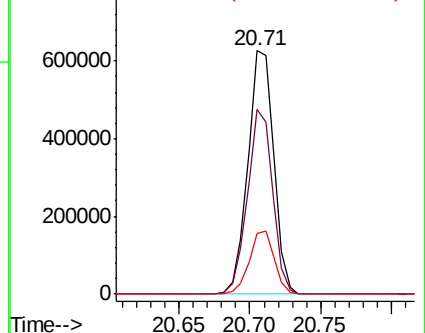
206 24.8 19.8 29.6

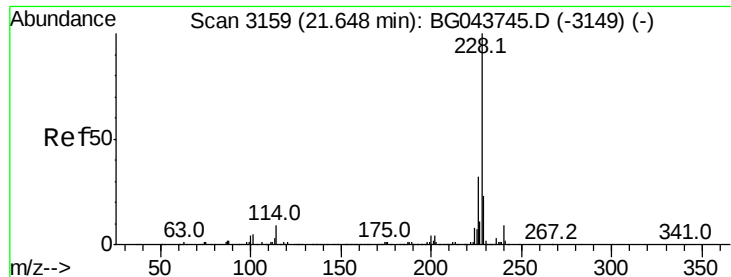


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 62.531 ng

RT: 21.65 min Scan# 3158

Delta R.T. -0.00 min

Lab File: BG043747.D

Acq: 22 Nov 2019 18:24

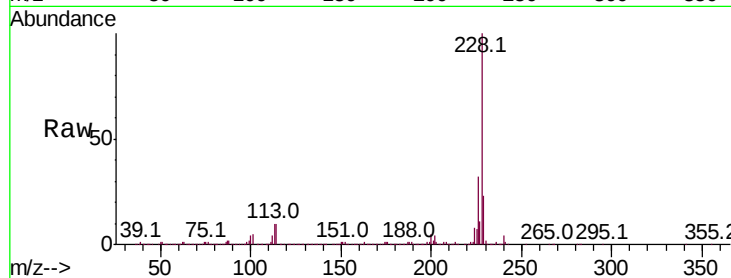
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1686175

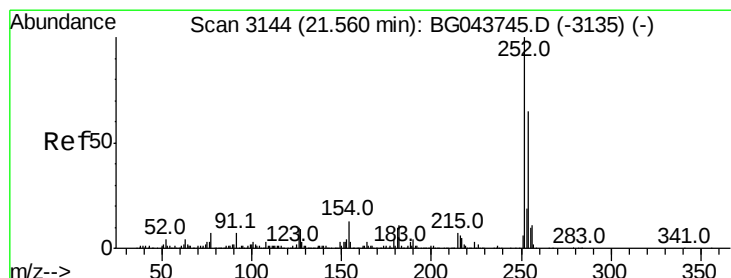
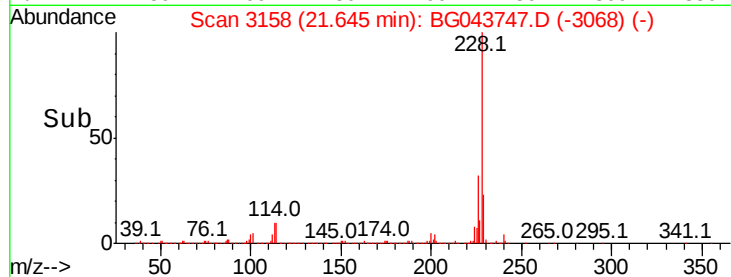
Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.4	38.2
229	23.2	18.1	27.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 58.081 ng

RT: 21.56 min Scan# 3144

Delta R.T. 0.00 min

Lab File: BG043747.D

Acq: 22 Nov 2019 18:24

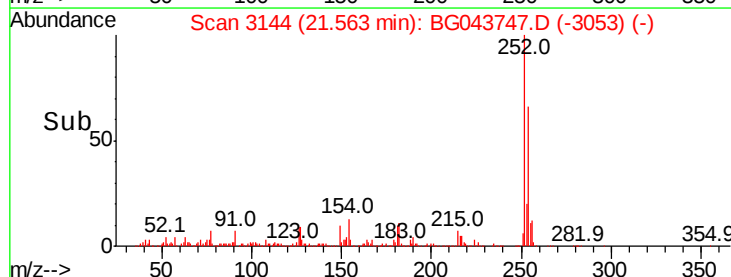
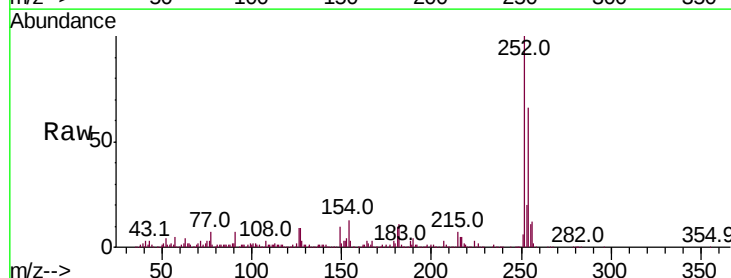
Tgt Ion:252 Resp: 605759

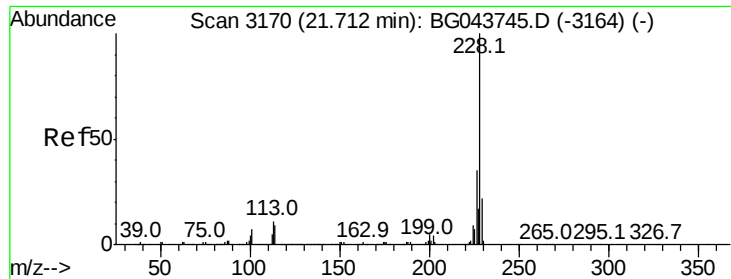
Ion	Ratio	Lower	Upper
252	100		
254	66.3	52.1	78.1
126	9.1	7.8	11.6

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

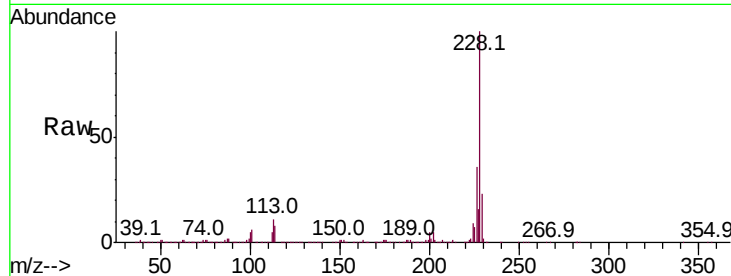




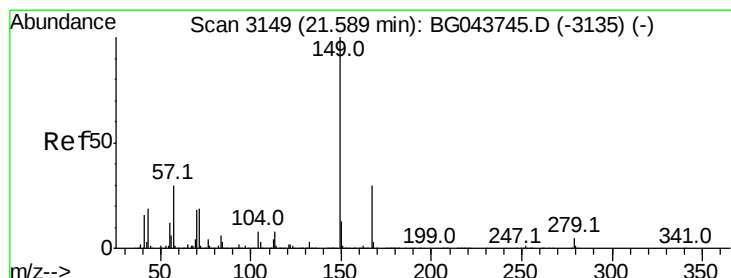
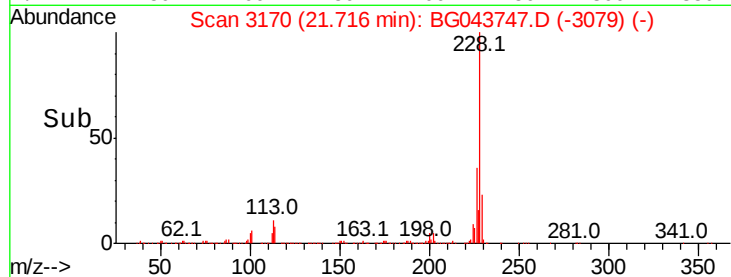
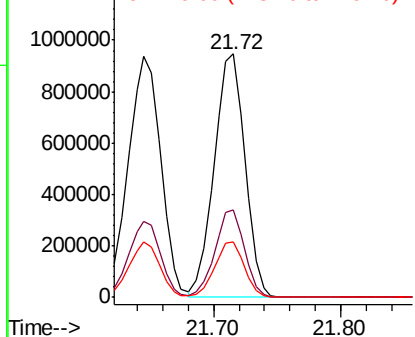
#83
 Chrvsene
 Concen: 59.477 ng
 RT: 21.72 min Scan# 3170
 Delta R.T. 0.00 min
 Lab File: BG043747.D
 Acq: 22 Nov 2019 18:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:228 Resp: 1593521
 Ion Ratio Lower Upper
 228 100
 226 35.8 27.8 41.8
 229 22.9 17.9 26.9

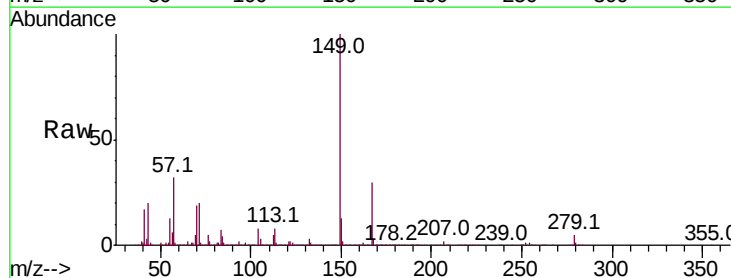


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

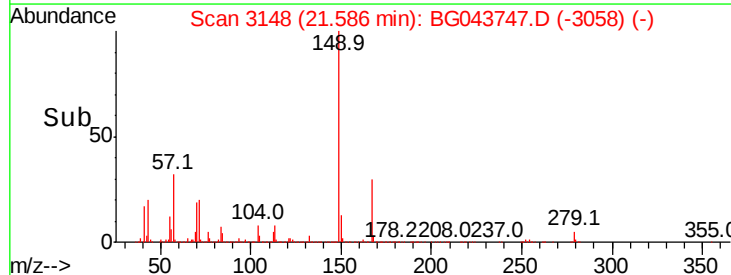
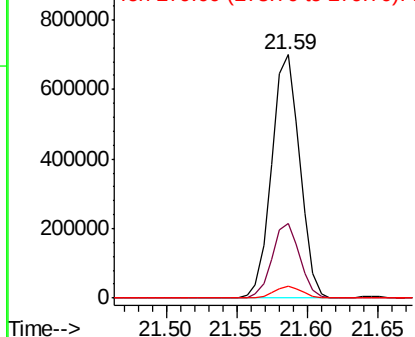


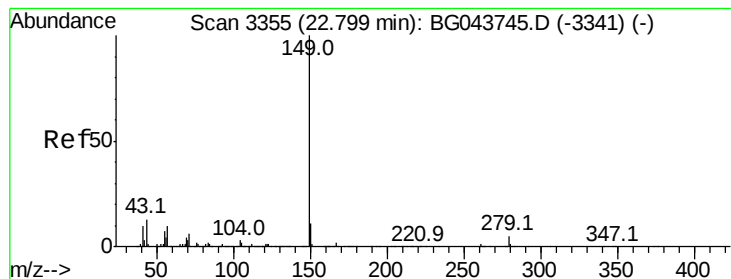
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 68.065 ng
 RT: 21.59 min Scan# 3148
 Delta R.T. -0.00 min
 Lab File: BG043747.D
 Acq: 22 Nov 2019 18:24

Tgt Ion:149 Resp: 976084
 Ion Ratio Lower Upper
 149 100
 167 30.5 23.8 35.6
 279 5.1 4.0 6.0



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: 72.028 ng

RT: 22.80 min Scan# 3355

Delta R.T. 0.00 min

Lab File: BG043747.D

Acq: 22 Nov 2019 18:24

Instrument :

BNA_G

ClientSampleId :

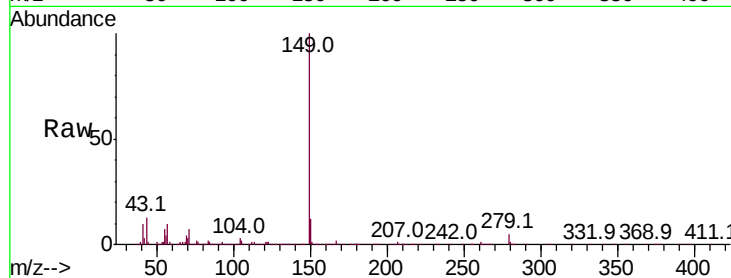
Tot Ion:149 Resp: 1752416

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

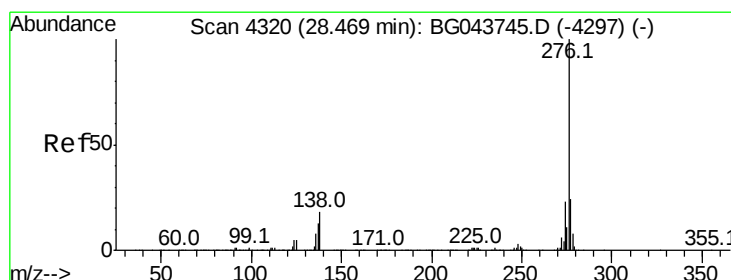
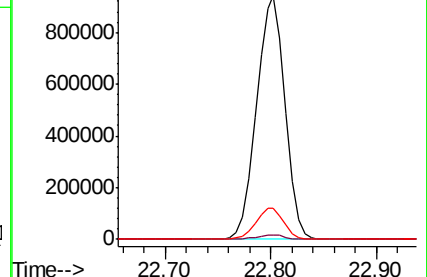
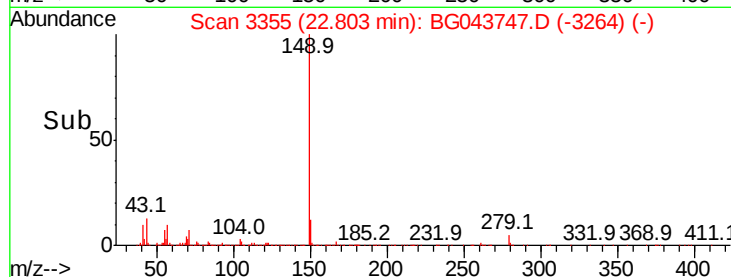
43 12.5 9.8 14.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 60.877 ng

RT: 28.48 min Scan# 4321

Delta R.T. 0.01 min

Lab File: BG043747.D

Acq: 22 Nov 2019 18:24

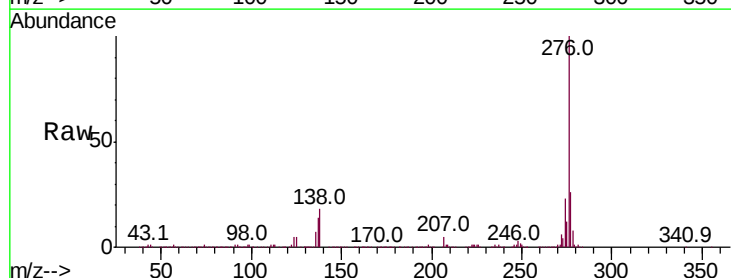
Tgt Ion:276 Resp: 2047329

Ion Ratio Lower Upper

276 100

138 15.5 14.5 21.7

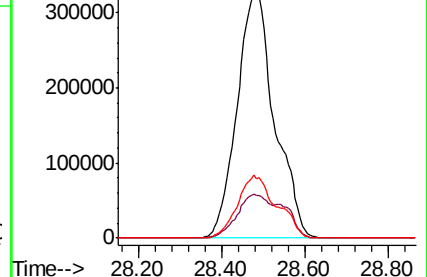
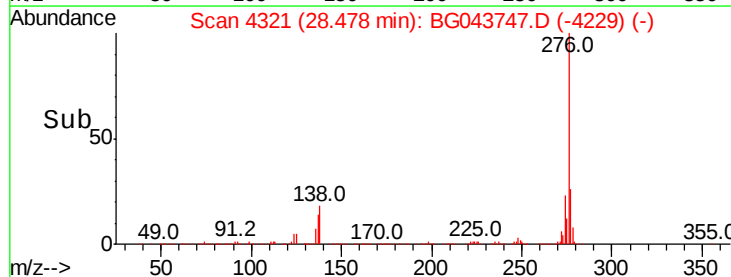
277 26.7 21.1 31.7

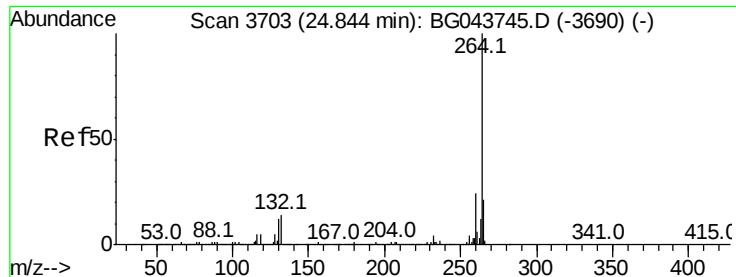


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3703

Delta R.T. 0.00 min

Lab File: BG043747.D

Acq: 22 Nov 2019 18:24

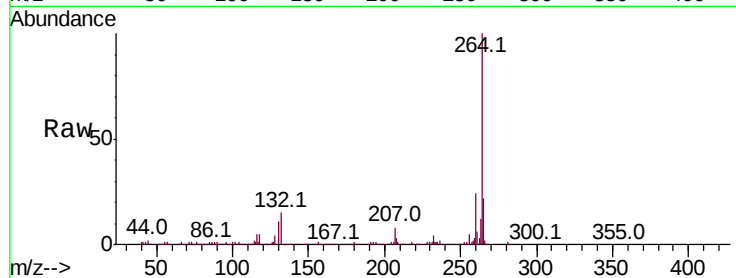
Instrument :

BNA_G

ClientSampled :

Tot Ion:264 Resp: 504138

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	22.2	17.0	25.6

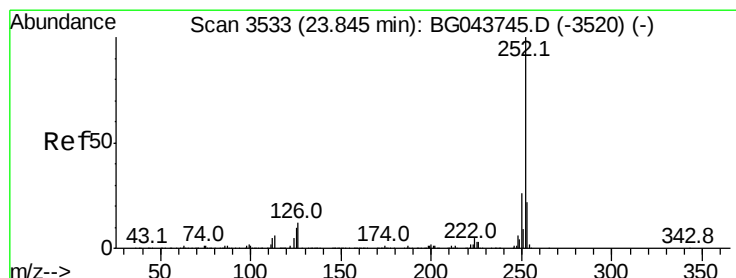
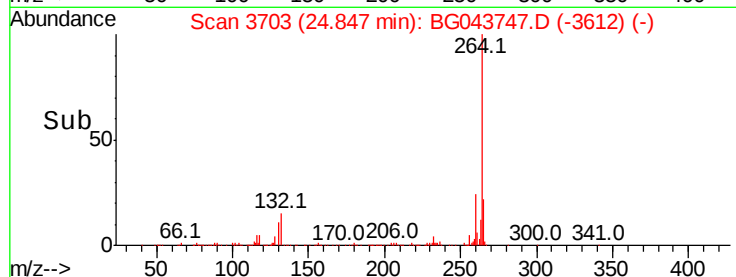
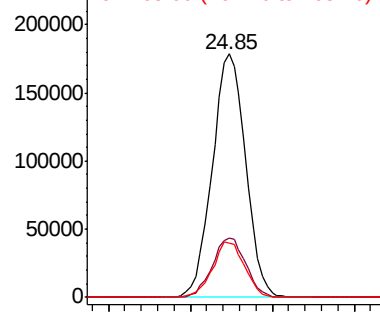


Abundance

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: 59.633 ng

RT: 23.84 min Scan# 3532

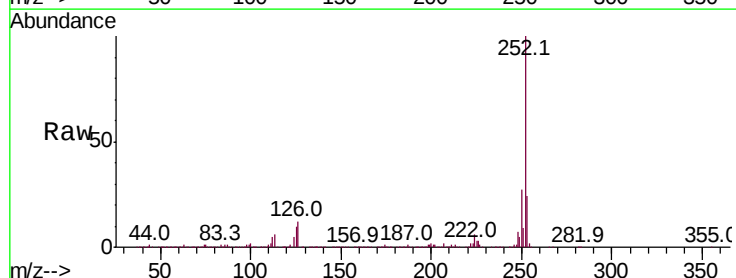
Delta R.T. -0.00 min

Lab File: BG043747.D

Acq: 22 Nov 2019 18:24

Tgt Ion:252 Resp: 1702674

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.7	26.5
125	9.7	8.0	12.0

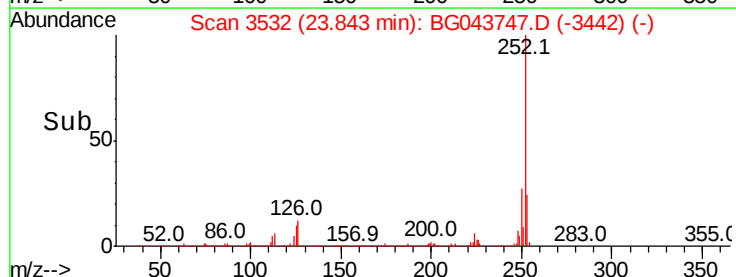
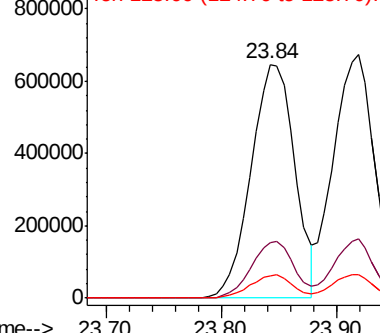


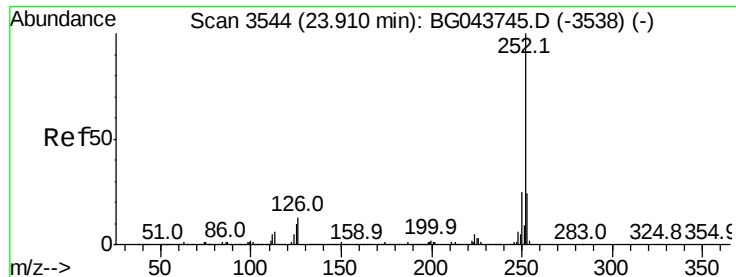
Abundance

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

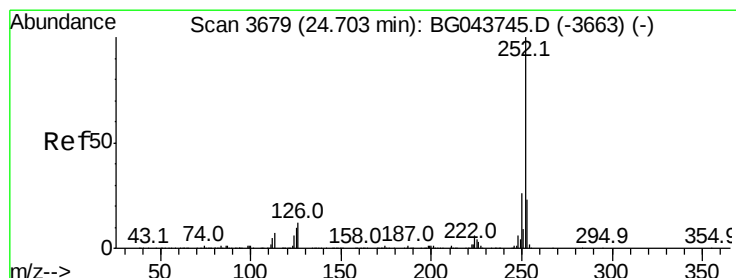
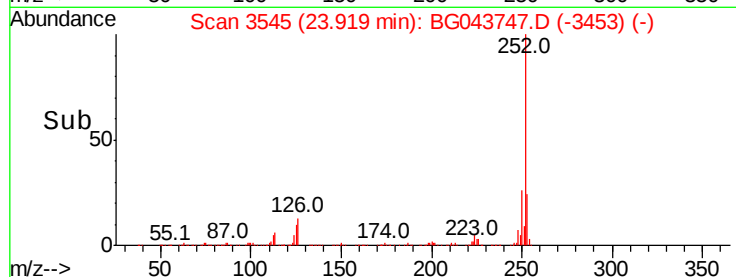
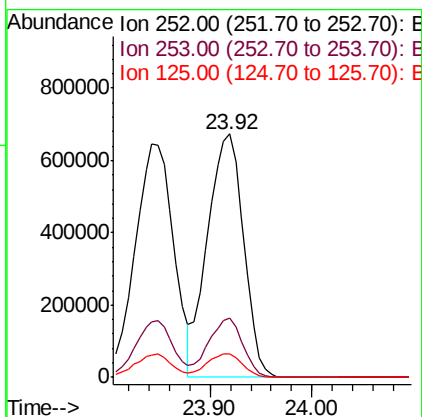
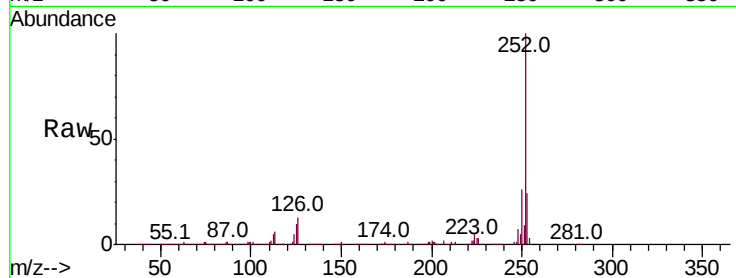




#89
Benzo(k)fluoranthene
Concen: 57.523 ng
RT: 23.92 min Scan# 3545
Delta R.T. 0.01 min
Lab File: BG043747.D
Acq: 22 Nov 2019 18:24

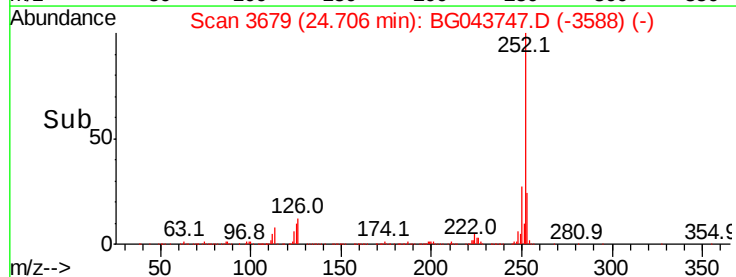
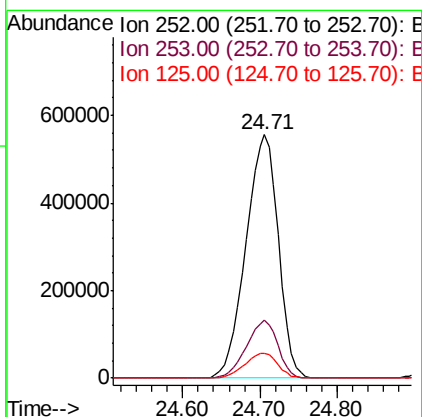
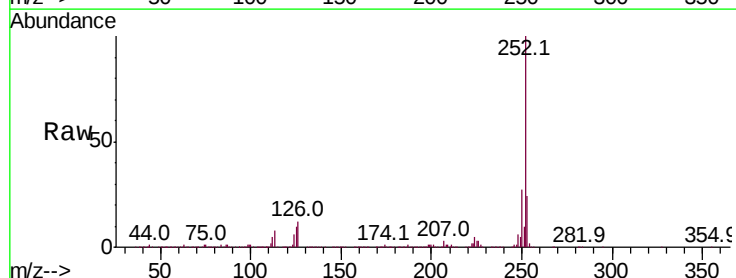
Instrument :
BNA_G
ClientSampled :

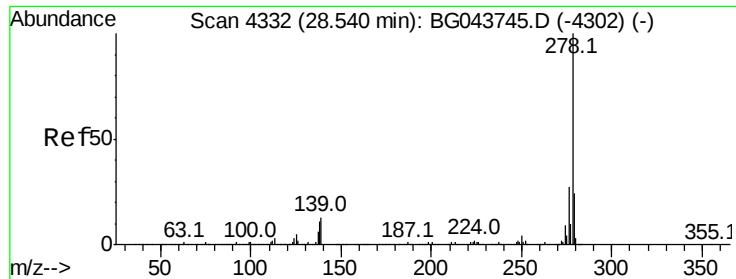
Tot Ion:252 Resp: 1653453
Ion Ratio Lower Upper
252 100
253 24.3 18.8 28.2
125 9.6 7.7 11.5



#90
Benzo(a)pyrene
Concen: 59.993 ng
RT: 24.71 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BG043747.D
Acq: 22 Nov 2019 18:24

Tgt Ion:252 Resp: 1635770
Ion Ratio Lower Upper
252 100
253 23.7 18.2 27.4
125 10.2 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 59.058 ng

RT: 28.55 min Scan# 4333

Delta R.T. 0.01 min

Lab File: BG043747.D

Acq: 22 Nov 2019 18:24

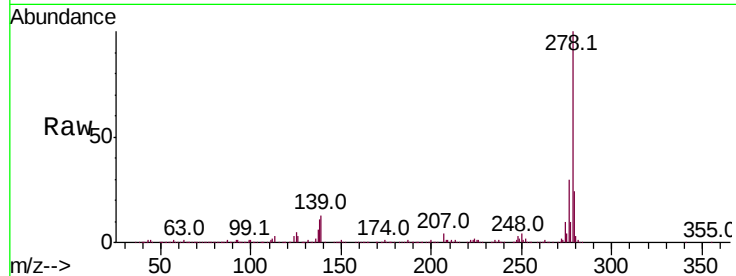
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 1647076

Ion	Ratio	Lower	Upper
278	100		
139	13.3	10.4	15.6
279	24.4	19.3	28.9

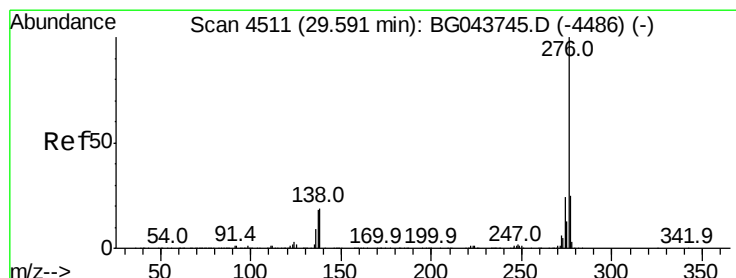
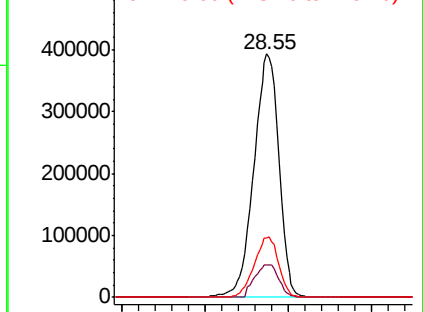
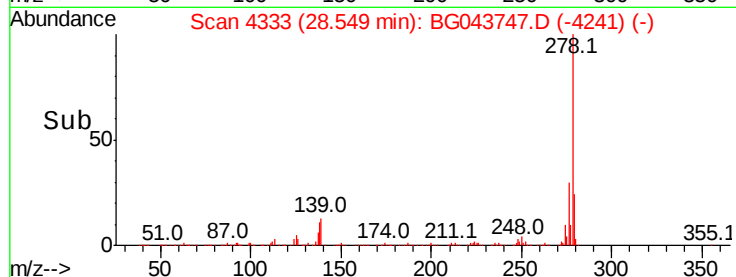


Abundance

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: 59.236 ng

RT: 29.61 min Scan# 4513

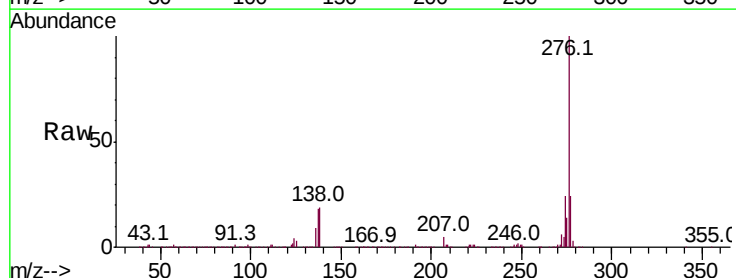
Delta R.T. 0.02 min

Lab File: BG043747.D

Acq: 22 Nov 2019 18:24

Tgt Ion:276 Resp: 1629561

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.7	29.5
138	18.8	14.9	22.3



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

