

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112219\
 Data File : BG043748.D
 Acq On : 22 Nov 2019 19:03
 Operator : JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 23 00:01:14 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	84683	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	323870	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	210153	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	468903	20.00	ng	0.00
76) Chrysene-d12	21.67	240	420850	20.00	ng	0.00
87) Perylene-d12	24.85	264	491715	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	739456	160.01	ng	0.00
7) Phenol-d6	7.19	99	984661	148.09	ng	0.00
23) Nitrobenzene-d5	9.19	82	966692	153.88	ng	0.01
42) 2,4,6-Tribromophenol	16.14	330	375983	94.01	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1967137	129.34	ng	0.00
79) Terphenyl-d14	20.01	244	2701024	120.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	174882	97.109	ng	98
3) Pyridine	3.92	79	447184	98.438	ng	96
4) n-Nitrosodimethylamine	3.83	42	243371	106.167	ng	# 98
6) Aniline	7.36	93	639889	83.543	ng	96
8) 2-Chlorophenol	7.60	128	398904	78.195	ng	95
9) Benzaldehyde	7.16	77	253718	77.647	ng	97
10) Phenol	7.22	94	513294	84.482	ng	99
11) bis(2-Chloroethyl)ether	7.45	93	430109	91.562	ng	96
12) 1,3-Dichlorobenzene	7.92	146	489839	76.638	ng	98
13) 1,4-Dichlorobenzene	8.07	146	490260	75.812	ng	99
14) 1,2-Dichlorobenzene	8.39	146	459113	72.713	ng	99
15) Benzyl Alcohol	8.26	79	408630	87.509	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.56	45	736466	107.821	ng	99
17) 2-Methylphenol	8.46	107	359747	81.221	ng	98
18) Hexachloroethane	9.12	117	189224	81.103	ng	97
19) n-Nitroso-di-n-propylamine	8.85	70	363899	84.698	ng	96
20) 3+4-Methylphenols	8.80	107	492538	81.095	ng	94
22) Acetophenone	8.85	105	658218	79.361	ng	97
24) Nitrobenzene	9.23	77	481589	80.474	ng	97
25) Isophorone	9.76	82	924616	80.504	ng	96
26) 2-Nitrophenol	9.94	139	196940	68.165	ng	95
27) 2,4-Dimethylphenol	10.00	122	331722	80.108	ng	97
28) bis(2-Chloroethoxy)methane	10.24	93	583807	92.098	ng	97
29) 2,4-Dichlorophenol	10.47	162	421991	79.536	ng	98
30) 1,2,4-Trichlorobenzene	10.70	180	494924	74.012	ng	98
31) Naphthalene	10.88	128	1238011	75.307	ng	98
32) Benzoic acid	10.18	122	274088	94.348	ng	97
33) 4-Chloroaniline	10.98	127	576746	85.586	ng	99
34) Hexachlorobutadiene	11.18	225	337171	68.208	ng	99
35) Caprolactam	11.77	113	112554	61.596	ng	95
36) 4-Chloro-3-methylphenol	12.11	107	430430	74.374	ng	97
37) 2-Methylnaphthalene	12.49	142	909877	72.134	ng	98
38) 1-Methylnaphthalene	12.71	142	861697	71.798	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	559944	71.996	ng	99

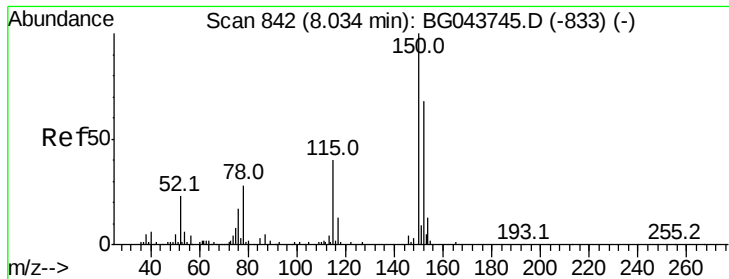
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112219\
 Data File : BG043748.D
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 Operator : JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 22 23:55:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	325208	79.600	nq	97
43) 2,4,6-Trichlorophenol	13.09	196	356722	77.883	nq	99
44) 2,4,5-Trichlorophenol	13.16	196	362865	78.364	nq	99
46) 1,1'-Biphenyl	13.49	154	1153117	72.127	nq	97
47) 2-Chloronaphthalene	13.53	162	950508	78.139	nq	95
48) 2-Nitroaniline	13.73	65	290981	80.036	nq	99
49) Acenaphthylene	14.38	152	1416452	74.818	nq	95
50) Dimethylphthalate	14.12	163	1200965	73.779	nq	97
51) 2,6-Dinitrotoluene	14.22	165	256993	72.672	nq	100
52) Acenaphthene	14.72	154	928533	80.425	nq	98
53) 3-Nitroaniline	14.55	138	281393	82.417	nq	99
54) 2,4-Dinitrophenol	14.75	184	108082	57.888	nq	# 78
55) Dibenzofuran	15.06	168	1375128	73.447	nq	94
56) 4-Nitrophenol	14.85	139	223144	97.528	nq	98
57) 2,4-Dinitrotoluene	15.01	165	350485	69.351	nq	99
58) Fluorene	15.71	166	1093169	69.615	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.20	232	348116	70.760	nq	97
60) Diethylphthalate	15.48	149	1195588	73.099	nq	98
61) 4-Chlorophenyl-phenylether	15.70	204	625592	68.291	nq	100
62) 4-Nitroaniline	15.72	138	289695	82.158	nq	98
63) Azobenzene	16.00	77	1109593	83.825	nq	96
65) 4,6-Dinitro-2-methylphenol	15.78	198	158540	57.452	nq	97
66) n-Nitrosodiphenylamine	15.91	169	1011316	76.393	nq	97
67) 4-Bromophenyl-phenylether	16.60	248	417343	66.136	nq	99
68) Hexachlorobenzene	16.71	284	439526	60.678	nq	95
69) Atrazine	16.86	200	347038	75.442	nq	98
70) Pentachlorophenol	17.05	266	272694	82.619	nq	96
71) Phenanthrene	17.45	178	1743720	72.621	nq	96
72) Anthracene	17.54	178	1730218	72.021	nq	95
73) Carbazole	17.80	167	1592326	73.192	nq	96
74) Di-n-butylphthalate	18.38	149	1929720	73.104	nq	96
75) Fluoranthene	19.45	202	2070281	66.136	nq	93
77) Benzidine	19.62	184	956822	112.969	nq	96
78) Pyrene	19.81	202	2078060	79.772	nq	95
80) Butylbenzylphthalate	20.71	149	945675	95.819	nq	97
81) Benzo(a)anthracene	21.65	228	2097414	79.563	nq	96
82) 3,3'-Dichlorobenzidine	21.56	252	797074	78.174	nq	99
83) Chrysene	21.71	228	1985440	75.802	nq	96
84) Bis(2-ethylhexyl)phthalate	21.58	149	1267272	90.393	nq	97
85) Di-n-octyl phthalate	22.80	149	2207117	92.794	nq	98
86) Indeno(1,2,3-cd)pyrene	28.49	276	2641194	80.333	nq	97
88) Benzo(b)fluoranthene	23.85	252	2182007	78.351	nq	96
89) Benzo(k)fluoranthene	23.92	252	2117623	75.532	nq	97
90) Benzo(a)pyrene	24.71	252	2110520	79.361	nq	98
91) Dibenzo(a,h)anthracene	28.56	278	2097382	77.105	nq	96
92) Benzo(g,h,i)perylene	29.62	276	2105402	78.467	nq	100

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

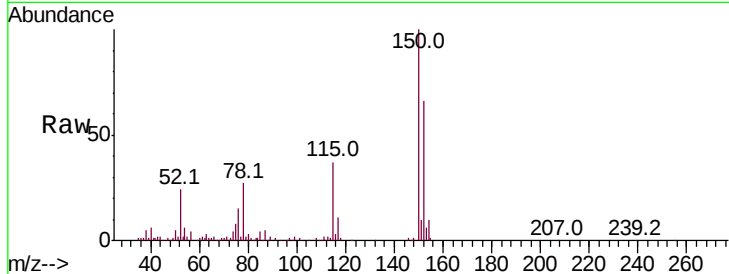


#1

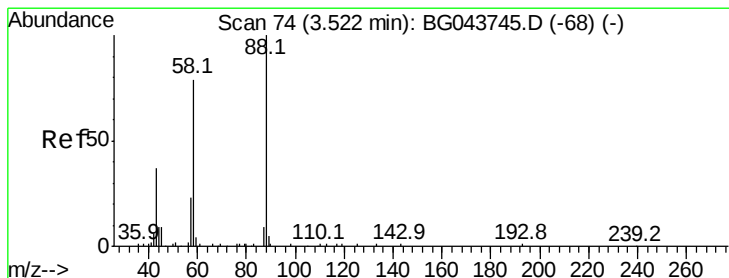
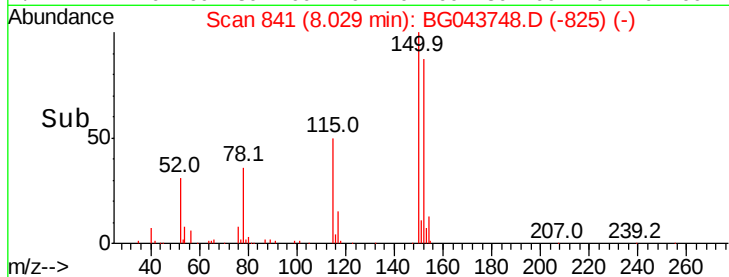
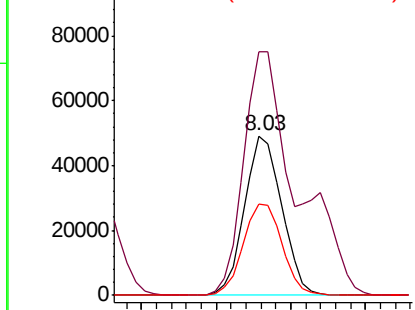
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.01 min
Lab File: BG043748.D
Acq: 22 Nov 2019 19:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 84683
Ion Ratio Lower Upper
152 100
150 152.3 117.8 176.8
115 57.1 47.0 70.4



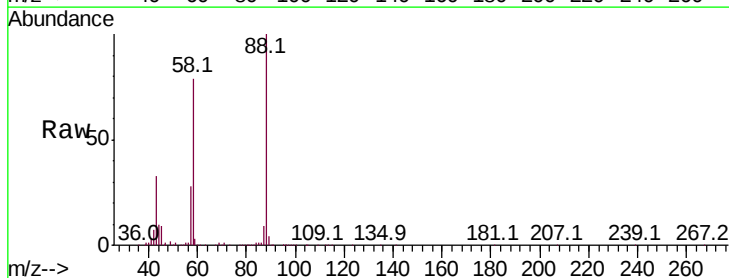
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



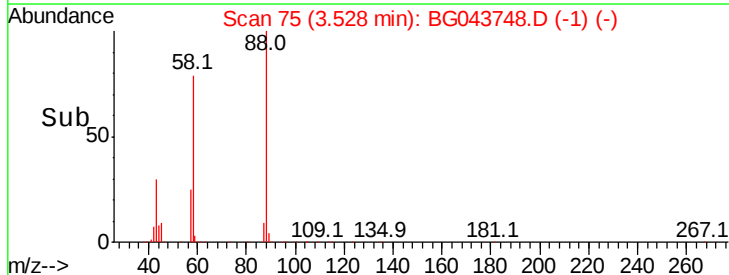
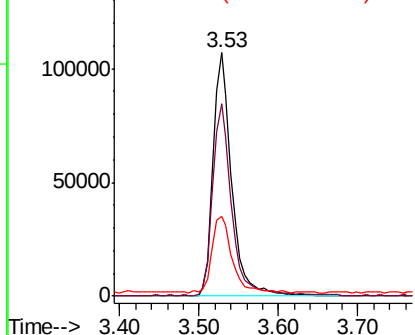
#2

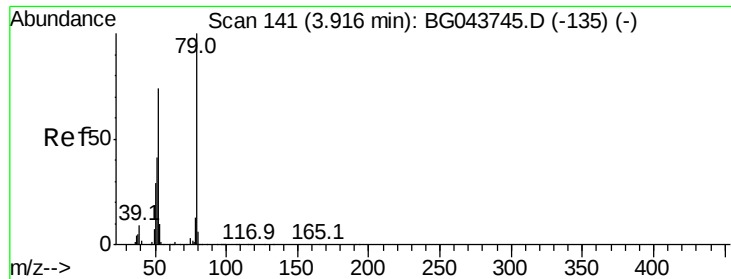
1,4-Dioxane
Concen: 97.109 ng
RT: 3.53 min Scan# 75
Delta R.T. 0.01 min
Lab File: BG043748.D
Acq: 22 Nov 2019 19:03

Tgt Ion: 88 Resp: 174882
Ion Ratio Lower Upper
88 100
58 79.2 62.3 93.5
43 34.6 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: 98.438 ng

RT: 3.92 min Scan# 141

Delta R.T. 0.00 min

Lab File: BG043748.D

Acq: 22 Nov 2019 19:03

Instrument :

BNA_G

ClientSampleId :

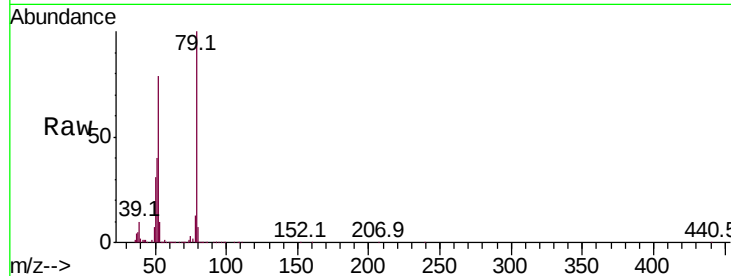
Tot Ion: 79 Resp: 447184

Ion Ratio Lower Upper

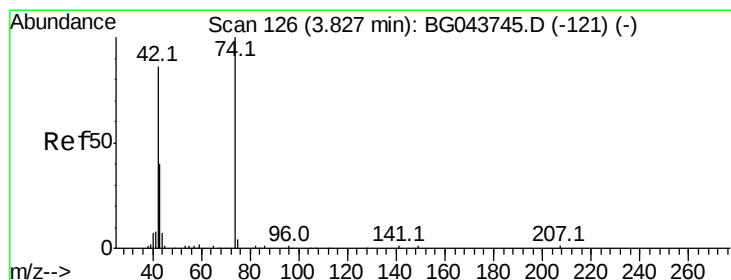
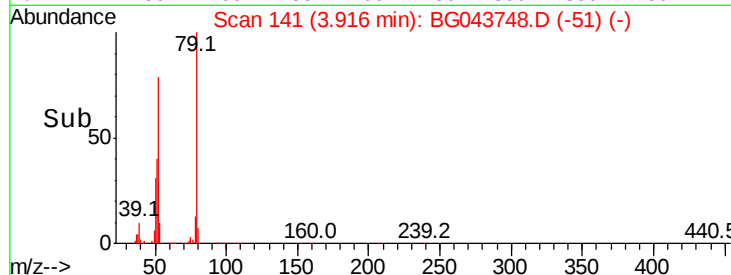
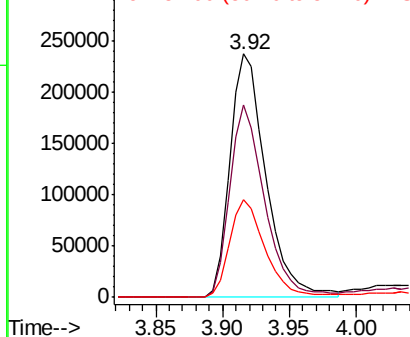
79 100

52 79.0 59.0 88.6

51 40.2 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: 106.167 ng

RT: 3.83 min Scan# 126

Delta R.T. 0.00 min

Lab File: BG043748.D

Acq: 22 Nov 2019 19:03

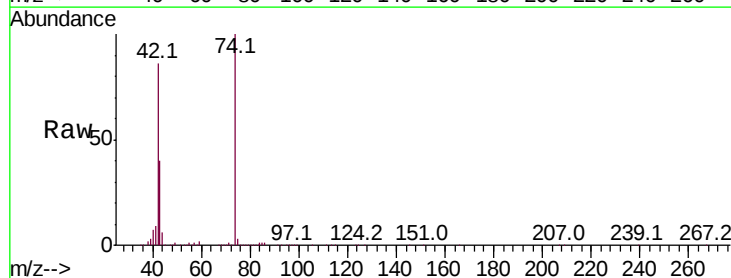
Tgt Ion: 42 Resp: 243371

Ion Ratio Lower Upper

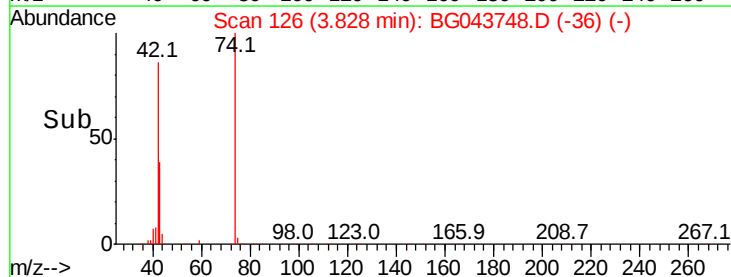
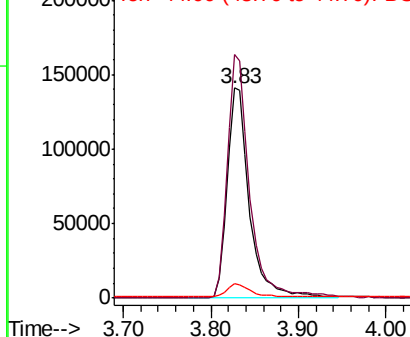
42 100

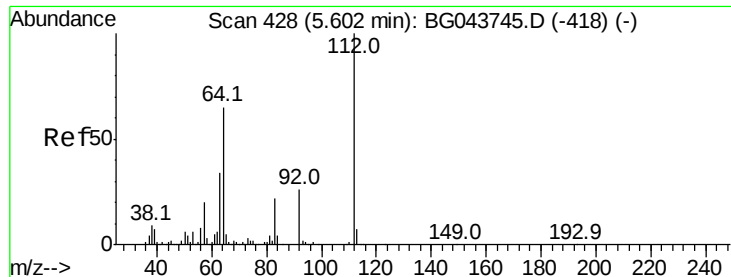
74 115.8 91.9 137.9

44 6.9 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: 160.010 ng

RT: 5.60 min Scan# 428

Delta R.T. 0.00 min

Lab File: BG043748.D

Acq: 22 Nov 2019 19:03

Instrument :

BNA_G

ClientSampled :

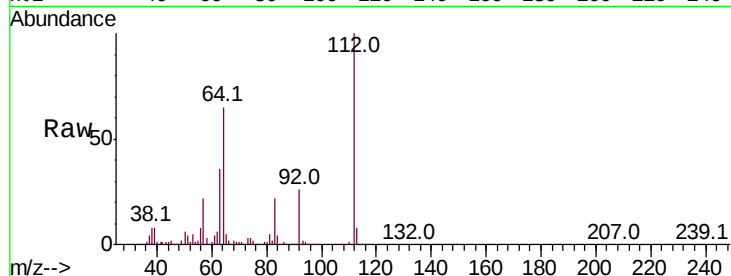
Tot Ion:112 Resp: 739456

Ion Ratio Lower Upper

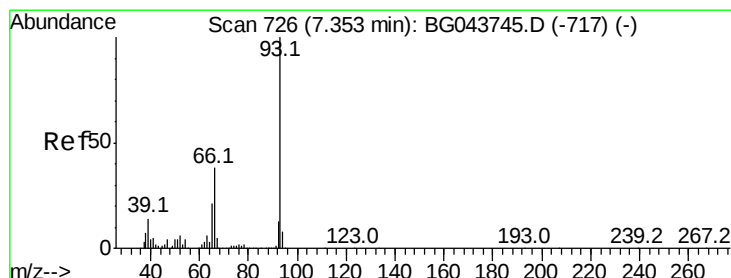
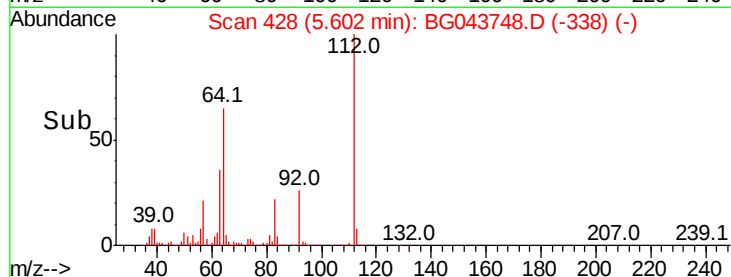
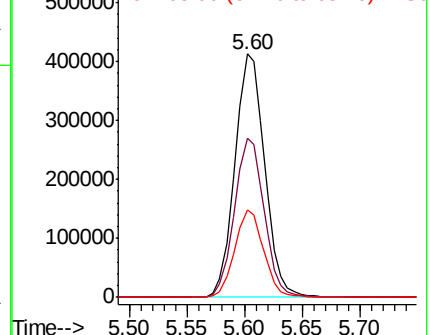
112 100

64 65.2 51.7 77.5

63 35.7 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: 83.543 ng

RT: 7.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BG043748.D

Acq: 22 Nov 2019 19:03

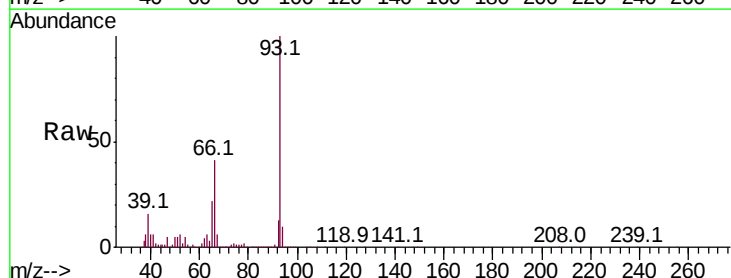
Tgt Ion: 93 Resp: 639889

Ion Ratio Lower Upper

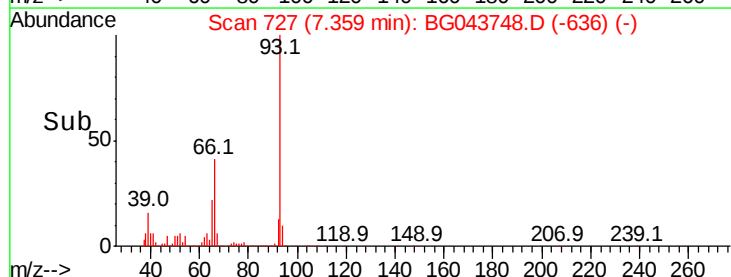
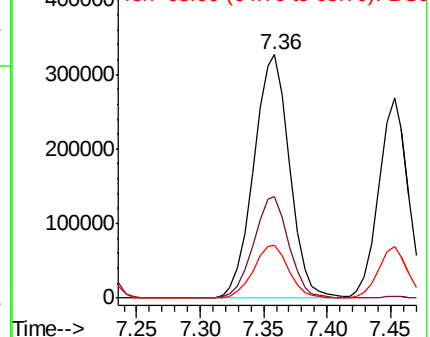
93 100

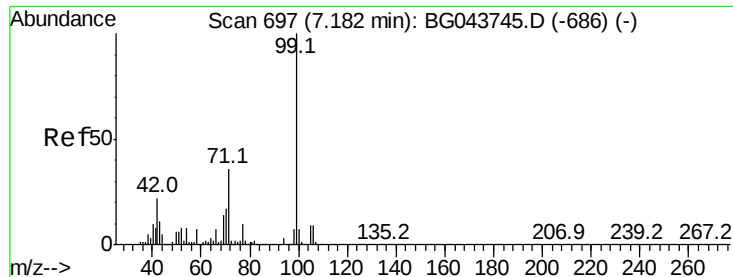
66 41.5 30.6 46.0

65 21.6 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: 148.092 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.01 min

Lab File: BG043748.D

Acq: 22 Nov 2019 19:03

Instrument :

BNA_G

ClientSampleId :

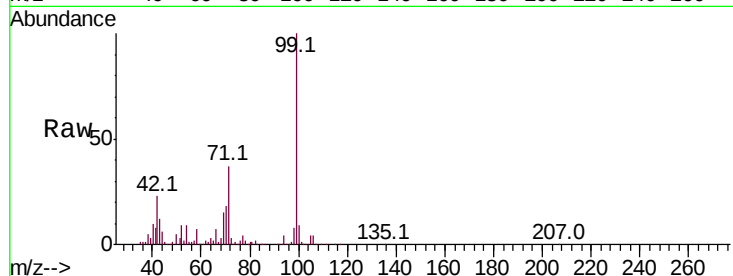
Tot Ion: 99 Resp: 984661

Ion Ratio Lower Upper

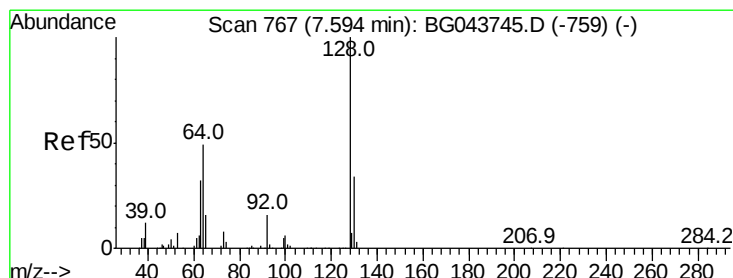
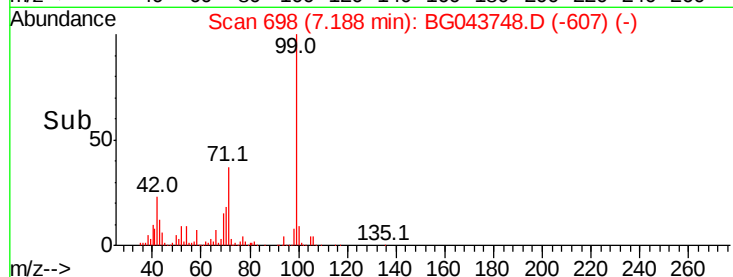
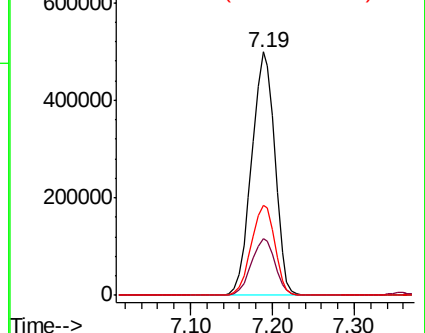
99 100

42 23.4 17.4 26.0

71 36.7 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: 78.195 ng

RT: 7.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BG043748.D

Acq: 22 Nov 2019 19:03

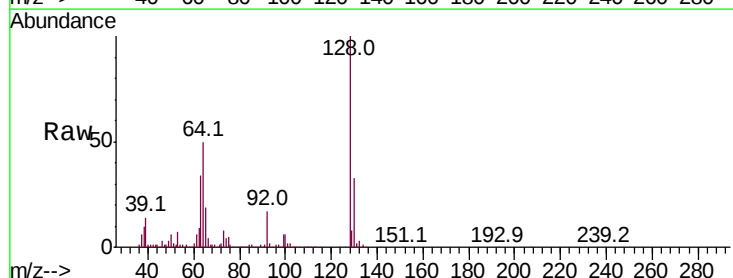
Tgt Ion: 128 Resp: 398904

Ion Ratio Lower Upper

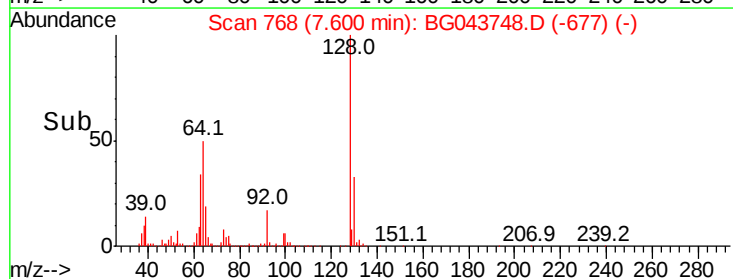
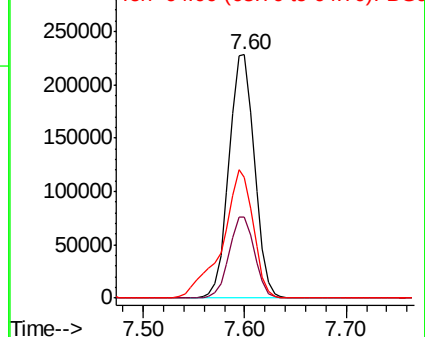
128 100

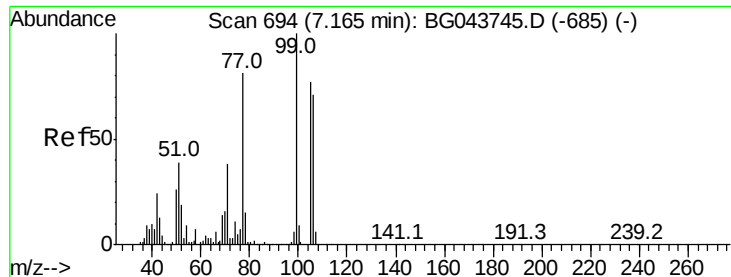
130 33.2 14.3 54.3

64 49.7 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: 77.647 ng

RT: 7.16 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG043748.D

Acq: 22 Nov 2019 19:03

Instrument :

BNA_G

ClientSampleId :

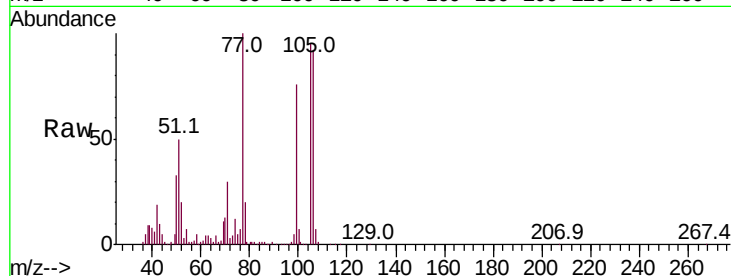
Tot Ion: 77 Resp: 253718

Ion Ratio Lower Upper

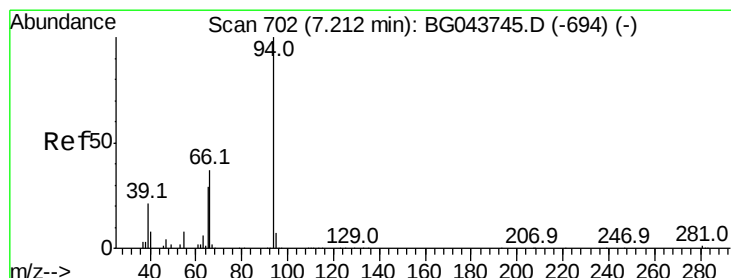
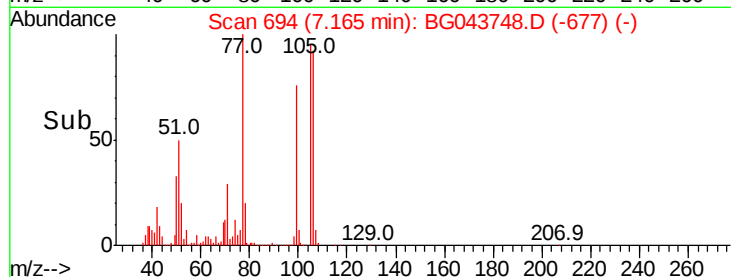
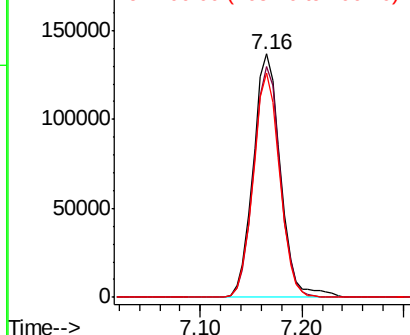
77 100

105 94.6 75.0 115.0

106 92.3 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: 84.482 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG043748.D

Acq: 22 Nov 2019 19:03

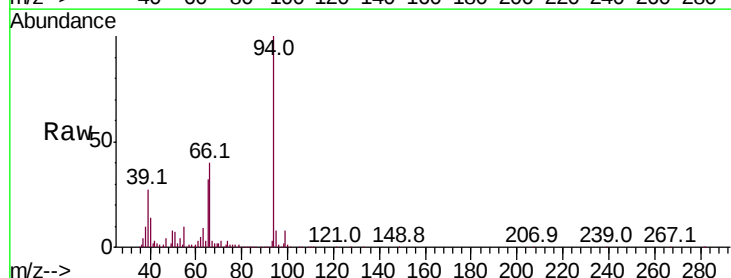
Tgt Ion: 94 Resp: 513294

Ion Ratio Lower Upper

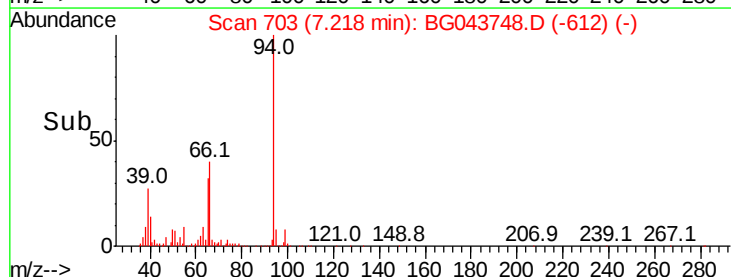
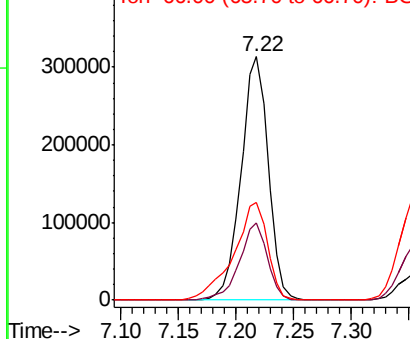
94 100

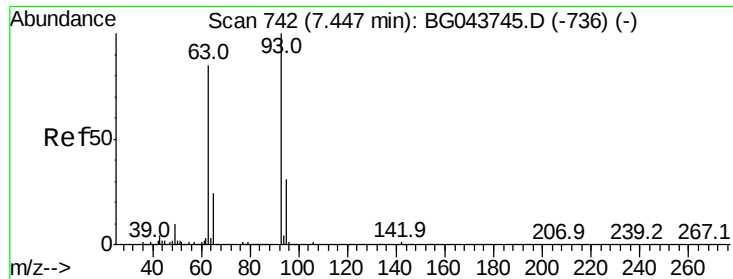
65 31.7 10.3 50.3

66 40.2 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

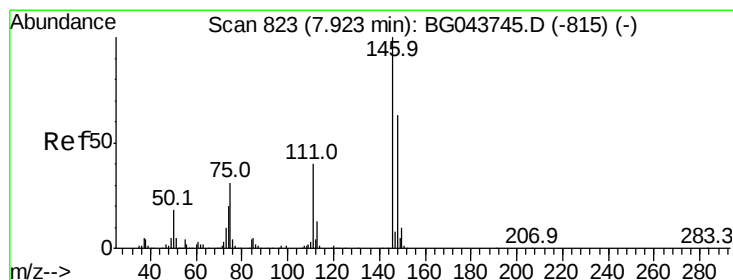
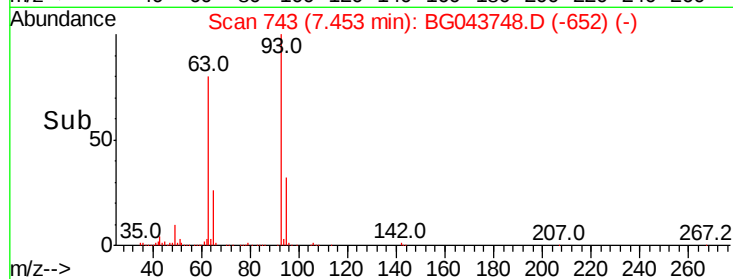
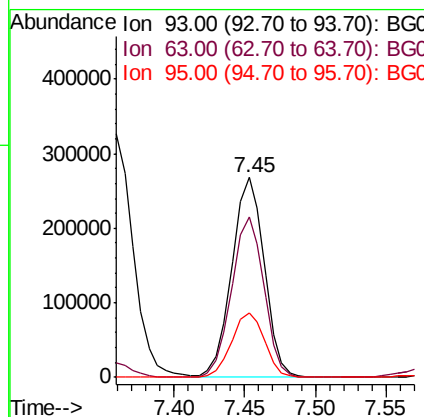
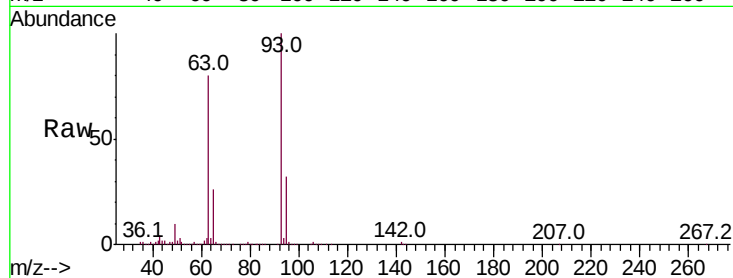




#11
bis(2-Chloroethyl)ether
Concen: 91.562 ng
RT: 7.45 min Scan# 743
Delta R.T. 0.01 min
Lab File: BG043748.D
Acq: 22 Nov 2019 19:03

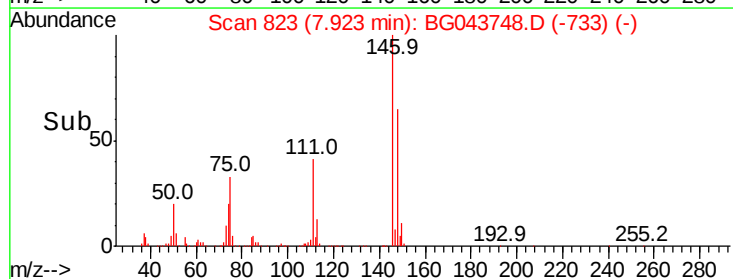
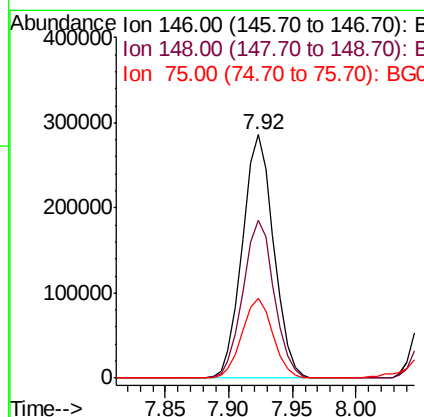
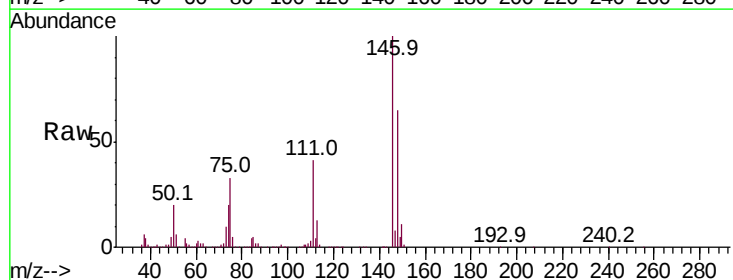
Instrument :
BNA_G
ClientSampleId :

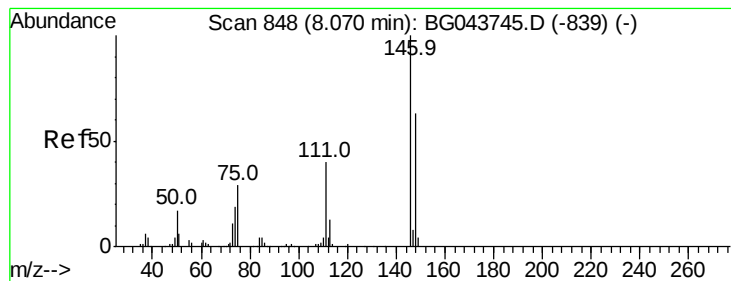
Tot Ion	Ratio	Lower	Upper
93	100		
63	80.1	64.4	104.4
95	32.1	11.3	51.3



#12
1,3-Dichlorobenzene
Concen: 76.638 ng
RT: 7.92 min Scan# 823
Delta R.T. 0.00 min
Lab File: BG043748.D
Acq: 22 Nov 2019 19:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.6	75.8
75	33.0	25.2	37.8





#13

1,4-Dichlorobenzene

Concen: 75.812 ng

RT: 8.07 min Scan# 848

Delta R.T. 0.00 min

Lab File: BG043748.D

Acq: 22 Nov 2019 19:03

Instrument :

BNA_G

ClientSampleId :

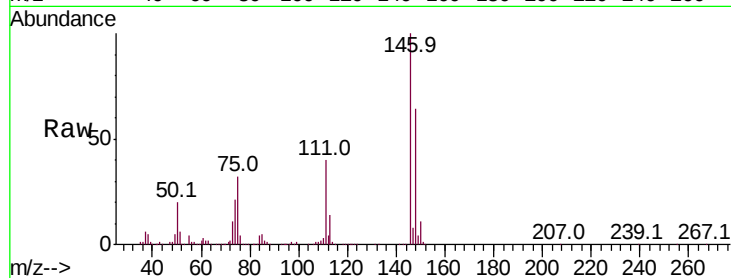
Tot Ion:146 Resp: 490260

Ion Ratio Lower Upper

146 100

148 63.9 50.1 75.1

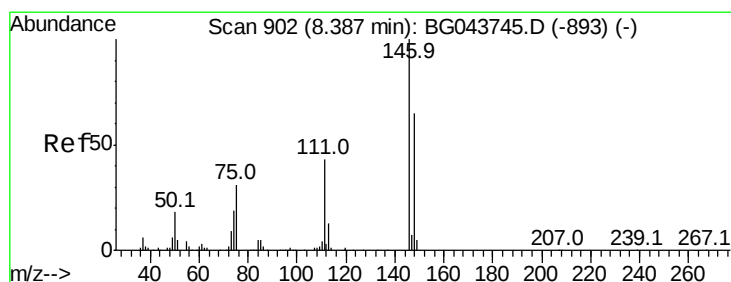
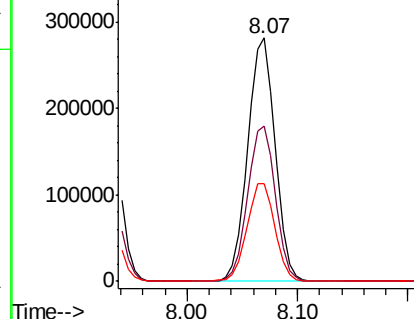
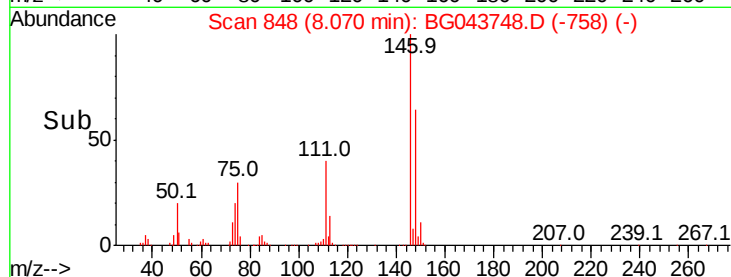
111 40.2 32.1 48.1



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: 72.713 ng

RT: 8.39 min Scan# 902

Delta R.T. 0.00 min

Lab File: BG043748.D

Acq: 22 Nov 2019 19:03

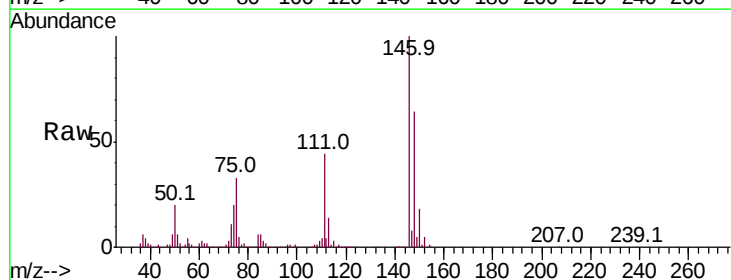
Tgt Ion:146 Resp: 459113

Ion Ratio Lower Upper

146 100

148 64.3 52.1 78.1

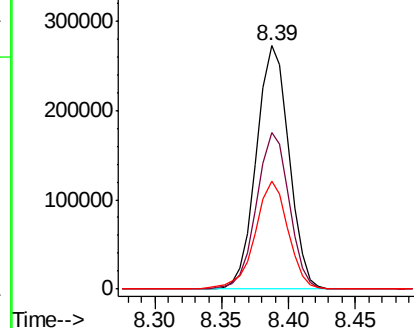
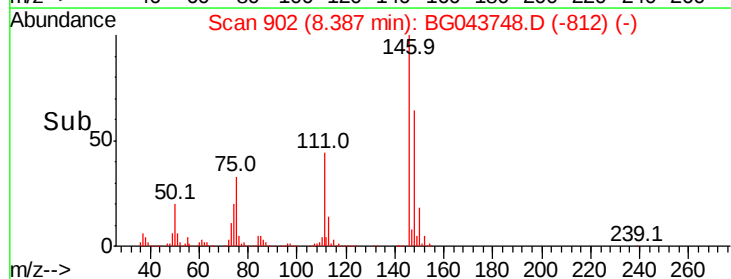
111 44.3 34.7 52.1

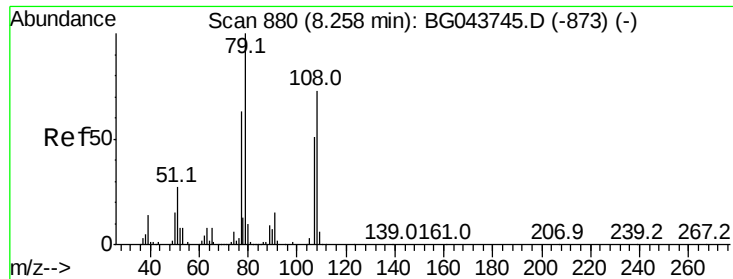


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 87.509 ng

RT: 8.26 min Scan# 881

Delta R.T. 0.01 min

Lab File: BG043748.D

Acq: 22 Nov 2019 19:03

Instrument :

BNA_G

ClientSampleId :

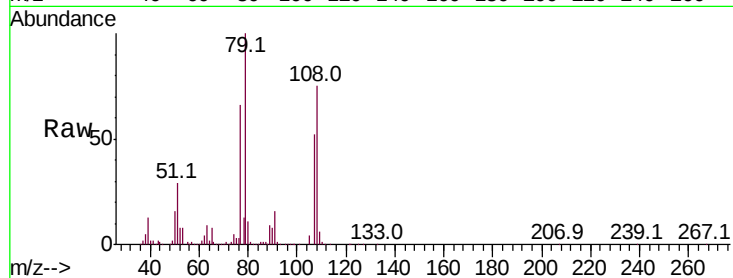
Tot Ion: 79 Resp: 408630

Ion Ratio Lower Upper

79 100

108 75.1 58.2 87.2

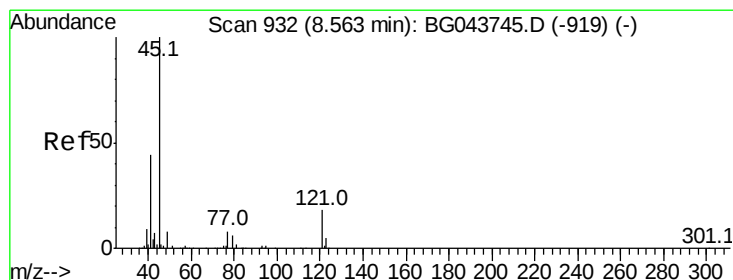
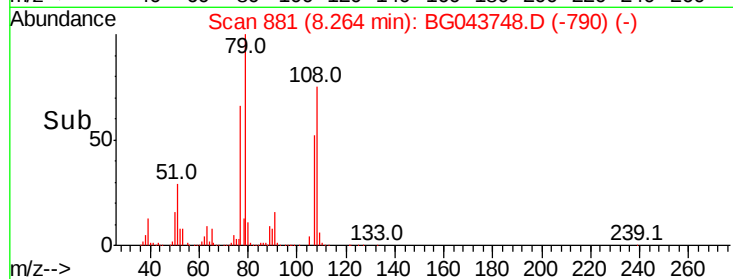
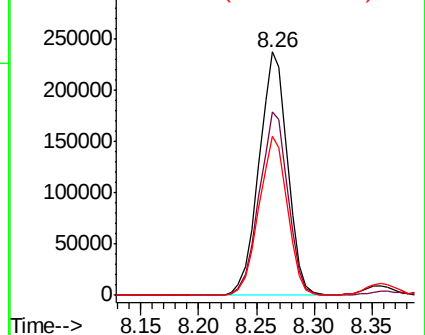
77 65.5 50.2 75.4



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: 107.821 ng

RT: 8.56 min Scan# 932

Delta R.T. 0.00 min

Lab File: BG043748.D

Acq: 22 Nov 2019 19:03

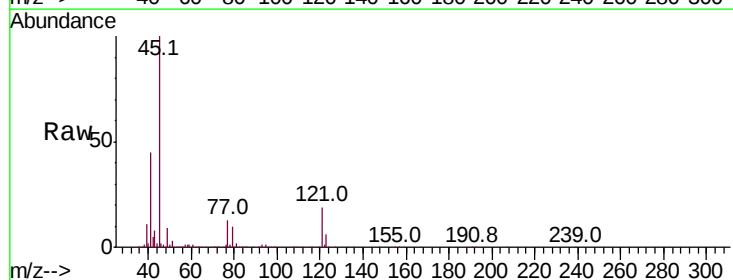
Tgt Ion: 45 Resp: 736466

Ion Ratio Lower Upper

45 100

77 12.9 0.0 32.2

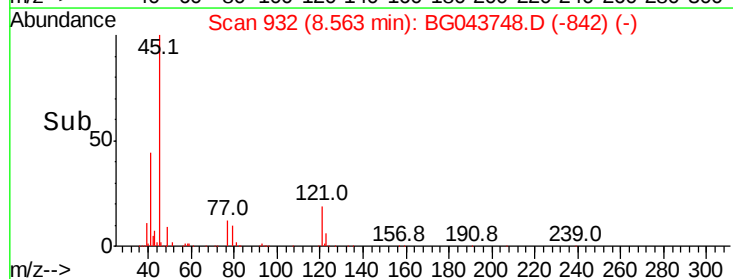
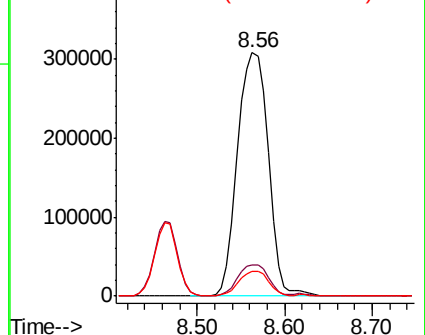
79 10.2 0.0 29.9

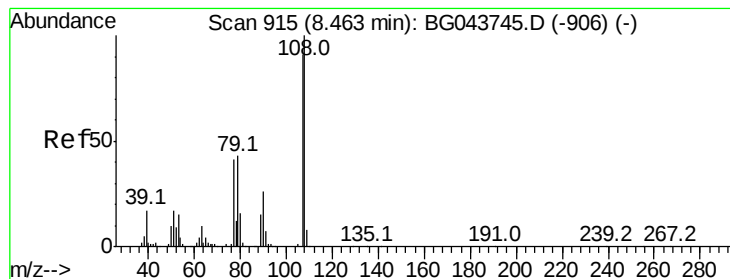


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 81.221 ng

RT: 8.46 min Scan# 915

Delta R.T. 0.00 min

Lab File: BG043748.D

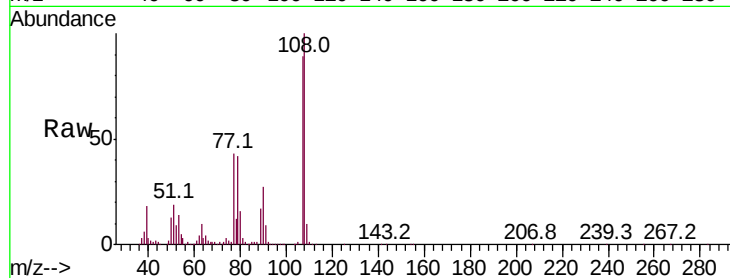
Acq: 22 Nov 2019 19:03

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	107	Resp:	359747
Ion	Ratio	Lower	Upper
107	100		
108	112.0	88.0	132.0
77	48.1	35.9	53.9
79	46.9	38.2	57.2



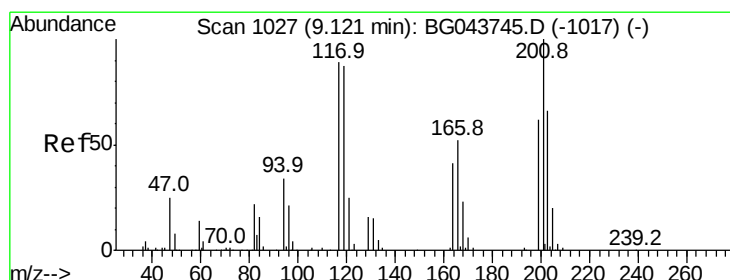
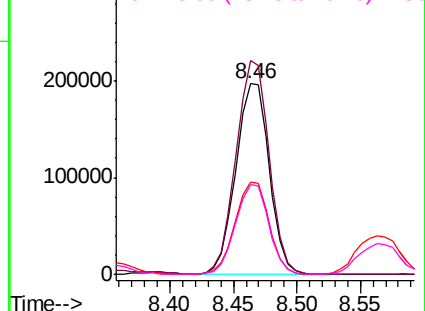
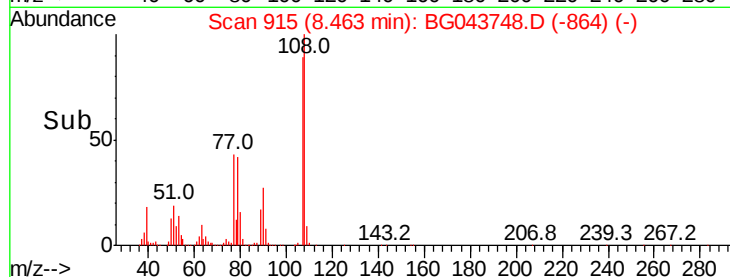
Abundance

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: 81.103 ng

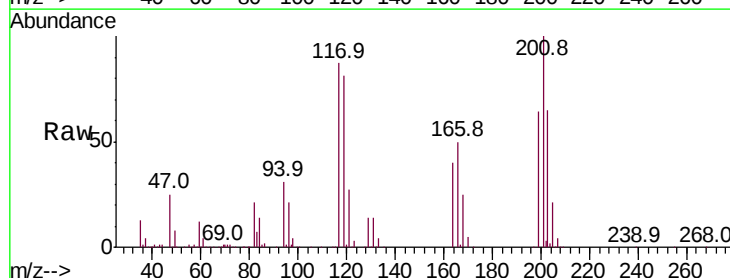
RT: 9.12 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BG043748.D

Acq: 22 Nov 2019 19:03

Tgt Ion:	117	Resp:	189224
Ion	Ratio	Lower	Upper
117	100		
119	93.5	77.7	116.5
201	115.2	89.4	134.0

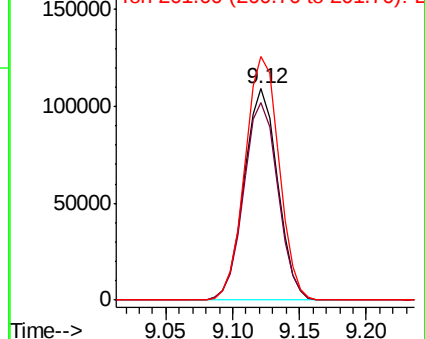
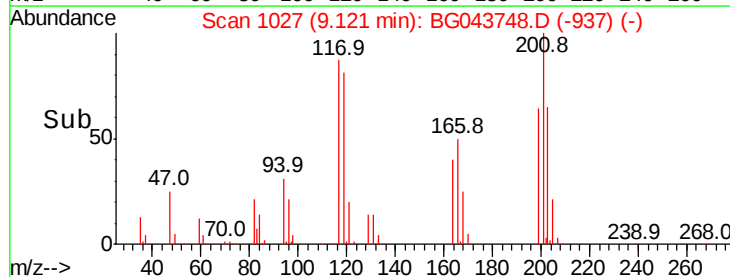


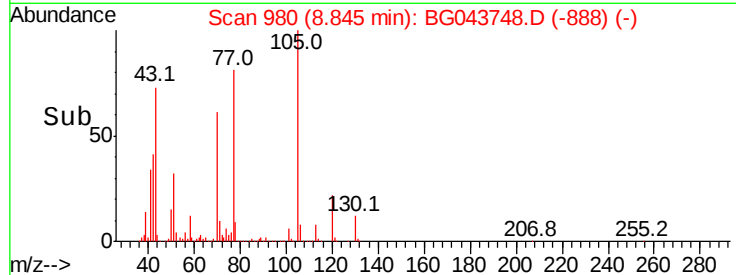
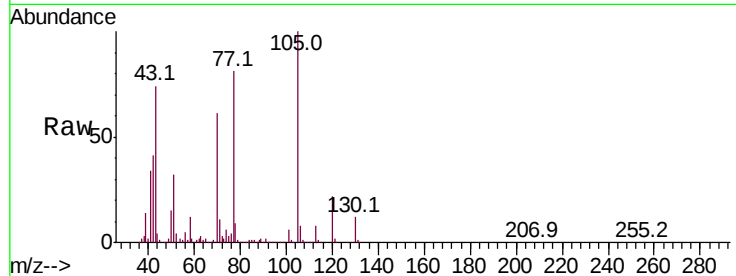
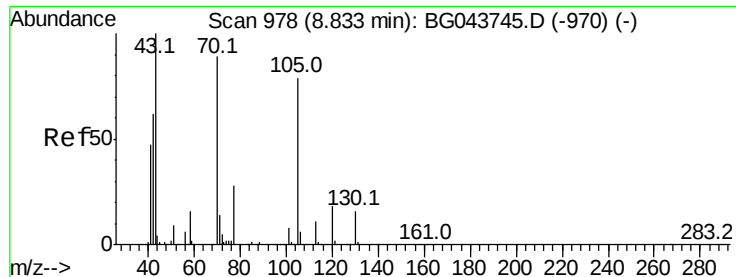
Abundance

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

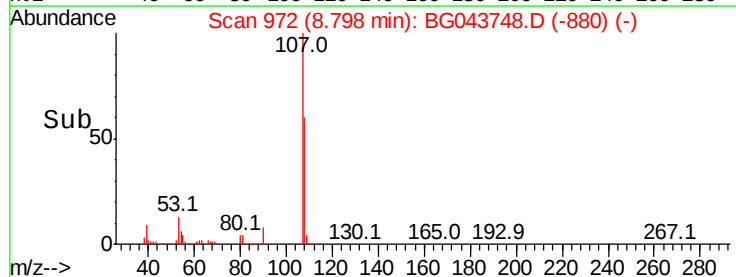
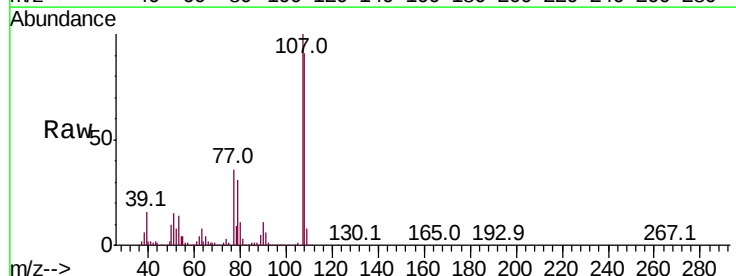
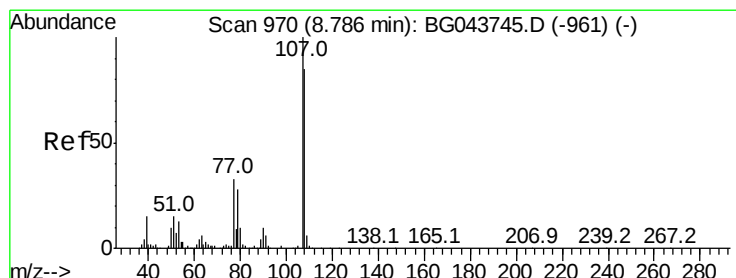
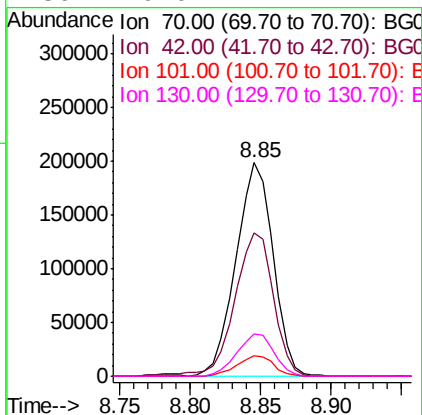




#19
n-Nitroso-di-n-propylamine
Concen: 84.698 ng
RT: 8.85 min Scan# 980
Delta R.T. 0.01 min
Lab File: BG043748.D
Acq: 22 Nov 2019 19:03

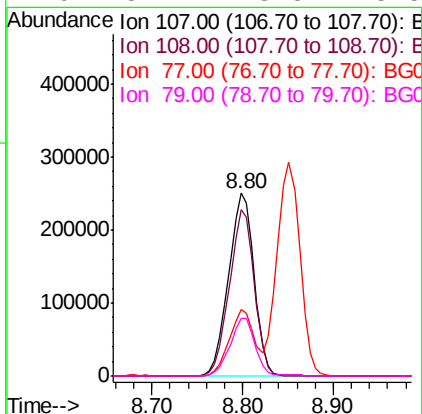
Instrument :
BNA_G
ClientSampleId :

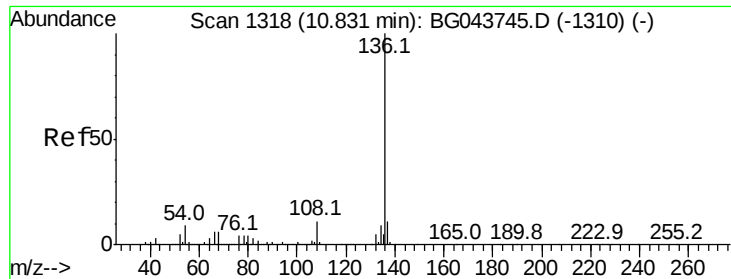
Tot Ion:	70	Resp:	363899
Ion	Ratio	Lower	Upper
70	100		
42	66.9	56.4	84.6
101	9.5	6.7	10.1
130	20.0	14.7	22.1



#20
3+4-Methylphenols
Concen: 81.095 ng
RT: 8.80 min Scan# 972
Delta R.T. 0.01 min
Lab File: BG043748.D
Acq: 22 Nov 2019 19:03

Tgt Ion:	107	Resp:	492538
Ion	Ratio	Lower	Upper
107	100		
108	91.4	64.6	104.6
77	36.4	13.7	53.7
79	31.4	8.5	48.5

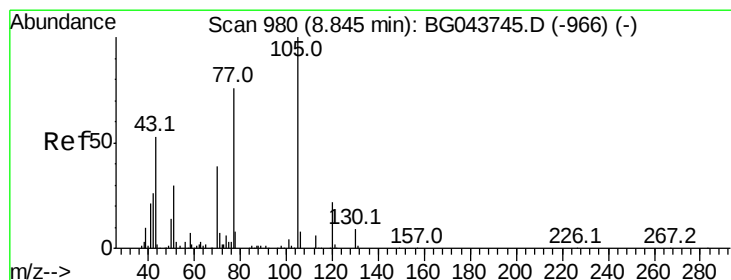
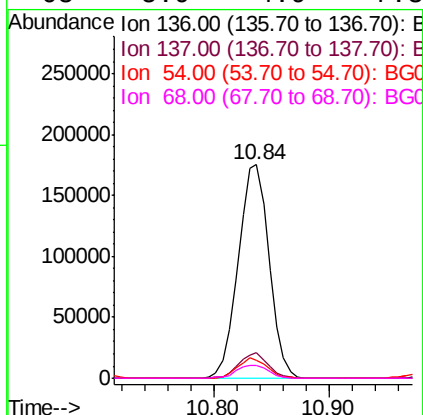
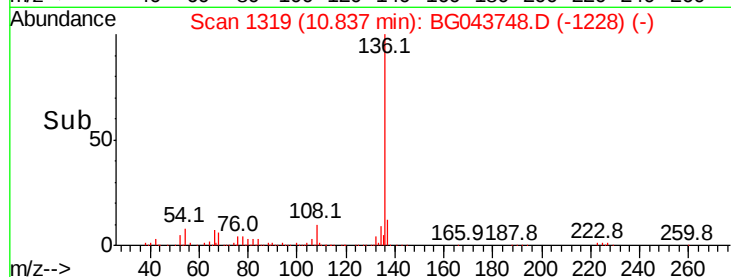
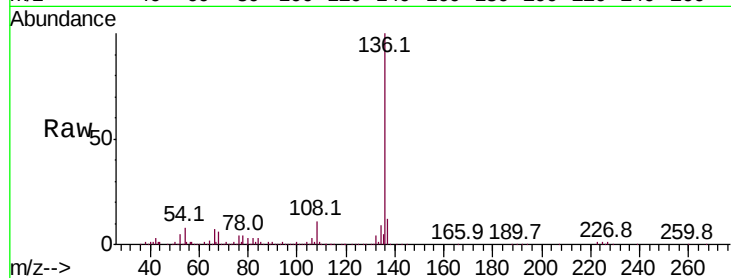




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BG043748.D
Acq: 22 Nov 2019 19:03

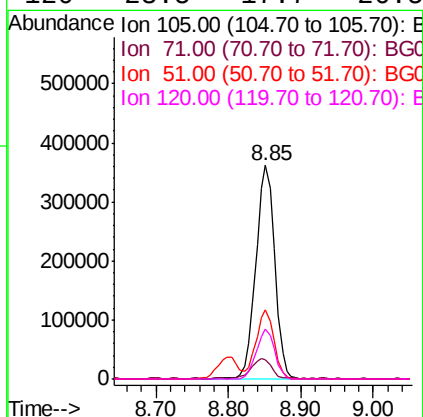
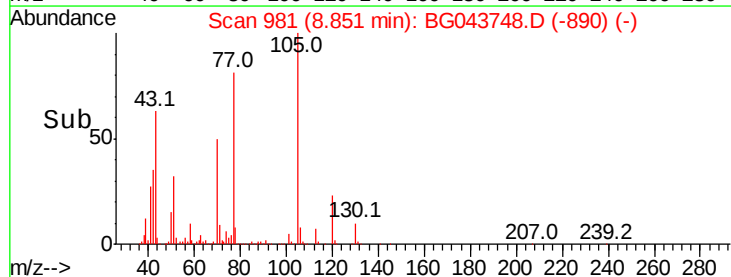
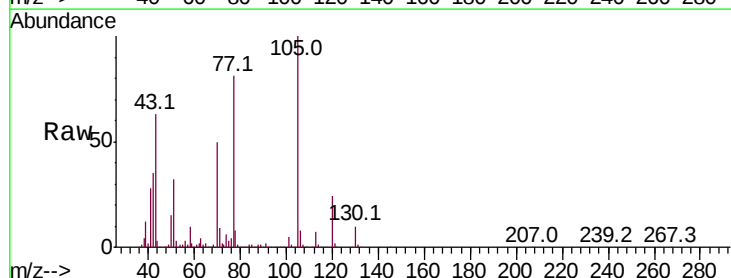
Instrument :
BNA_G
ClientSampleId :

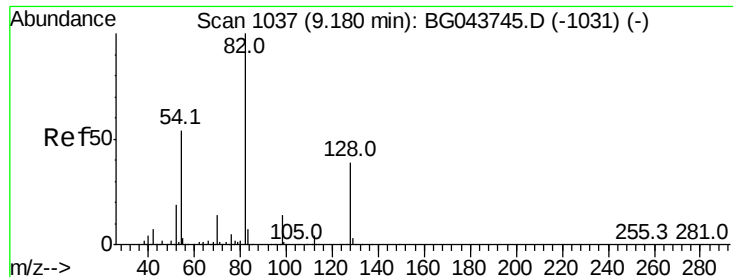
Tot Ion:136	Resp:	323870
Ion Ratio	Lower	Upper
136 100		
137 11.7	8.8	13.2
54 8.5	7.5	11.3
68 5.9	4.9	7.3



#22
Acetophenone
Concen: 79.361 ng
RT: 8.85 min Scan# 981
Delta R.T. 0.01 min
Lab File: BG043748.D
Acq: 22 Nov 2019 19:03

Tgt	Ion:105	Resp:	658218
Ion	Ratio	Lower	Upper
105	100		
71	9.2	6.3	9.5
51	32.4	24.7	37.1
120	23.5	17.7	26.5

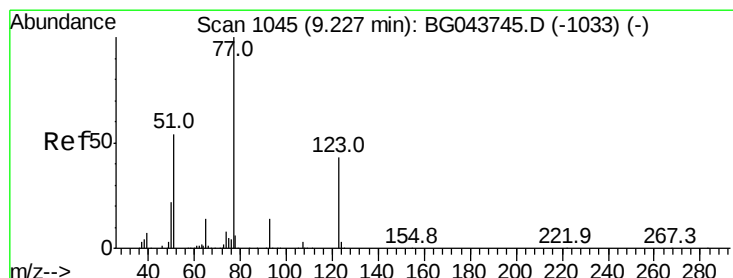
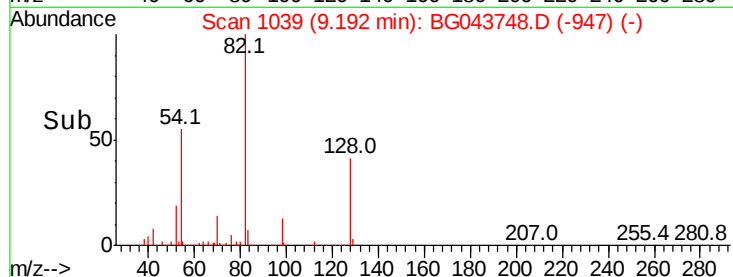
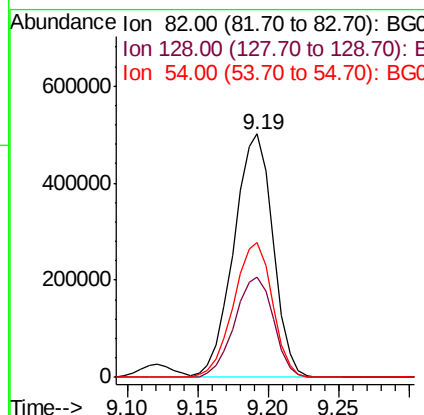
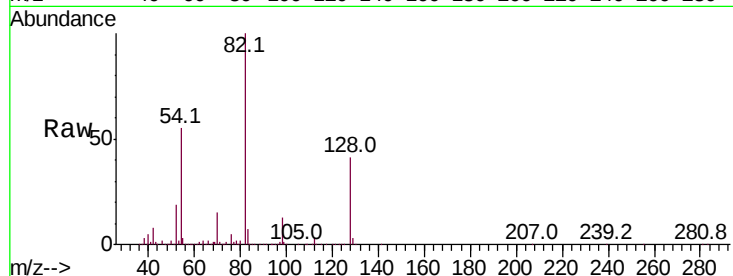




#23
 Nitrobenzene-d5
 Concen: 153.881 ng
 RT: 9.19 min Scan# 1039
 Delta R.T. 0.01 min
 Lab File: BG043748.D
 Acq: 22 Nov 2019 19:03

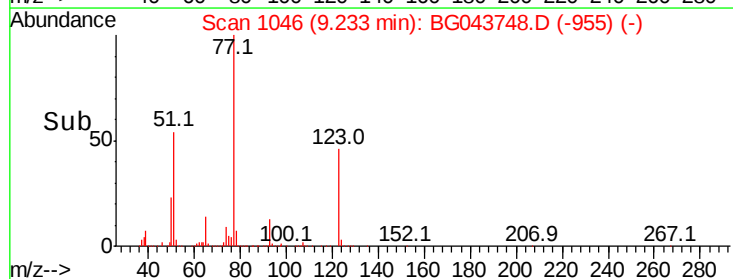
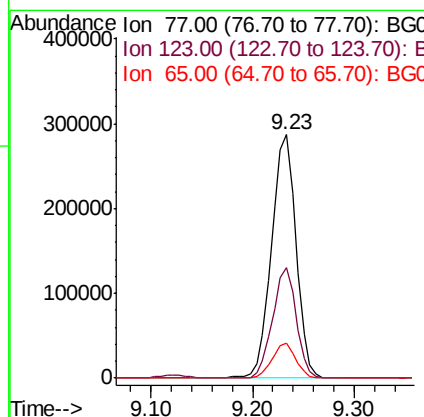
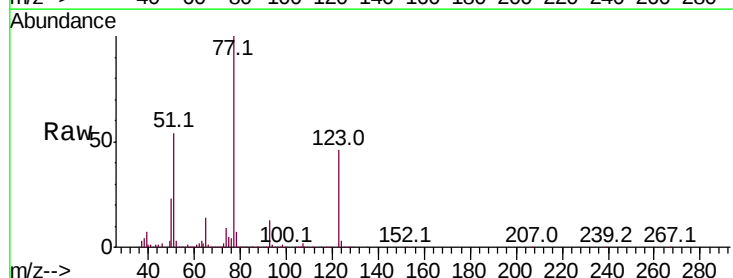
Instrument :
 BNA_G
 ClientSampleId :

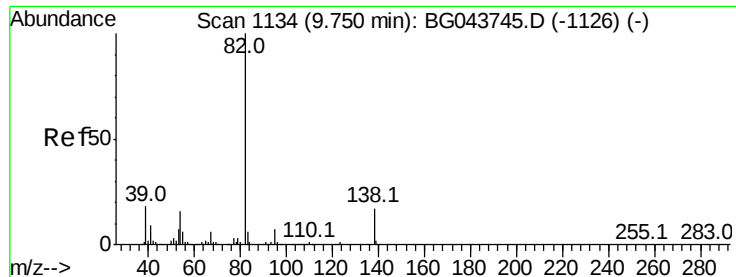
Tot Ion	82	Resp	966692
Ion Ratio	Lower	Upper	
82	100		
128	41.4	31.3	46.9
54	55.3	42.7	64.1



#24
 Nitrobenzene
 Concen: 80.474 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. 0.01 min
 Lab File: BG043748.D
 Acq: 22 Nov 2019 19:03

Tgt Ion	77	Resp	481589
Ion Ratio	Lower	Upper	
77	100		
123	45.6	34.7	52.1
65	14.2	11.0	16.6





#25

Isophorone

Concen: 80.504 ng

RT: 9.76 min Scan# 1136

Delta R.T. 0.01 min

Lab File: BG043748.D

Acq: 22 Nov 2019 19:03

Instrument :

BNA_G

ClientSampleId :

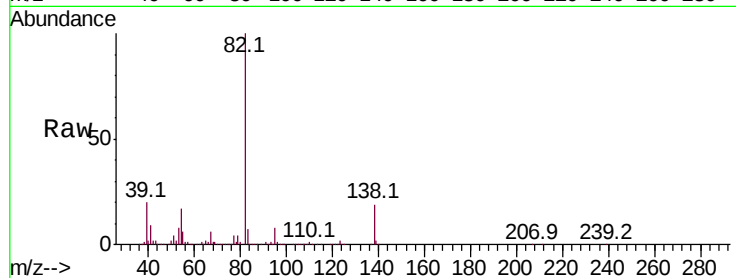
Tot Ion: 82 Resp: 924616

Ion Ratio Lower Upper

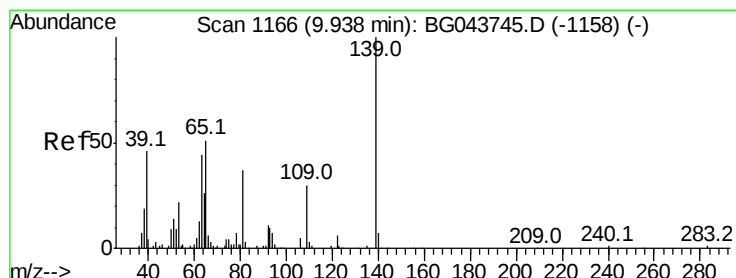
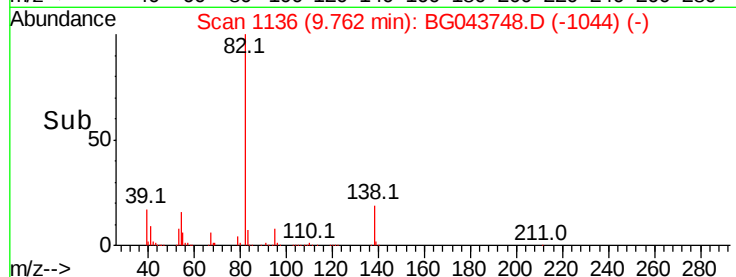
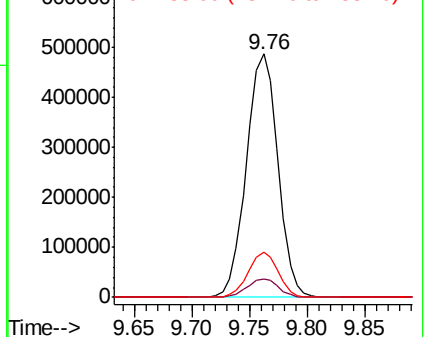
82 100

95 7.7 5.9 8.9

138 18.7 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: 68.165 ng

RT: 9.94 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BG043748.D

Acq: 22 Nov 2019 19:03

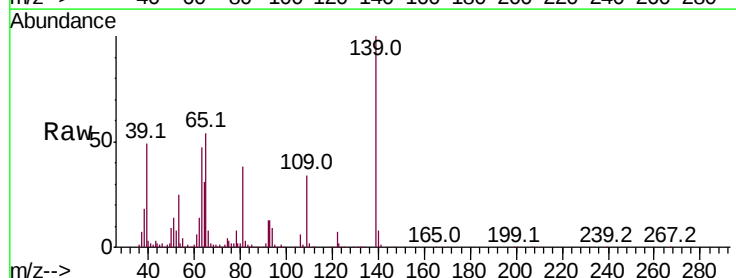
Tgt Ion: 139 Resp: 196940

Ion Ratio Lower Upper

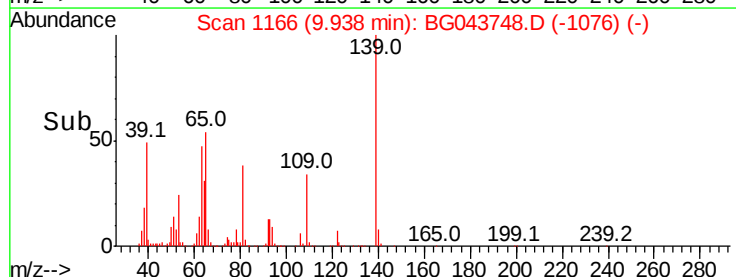
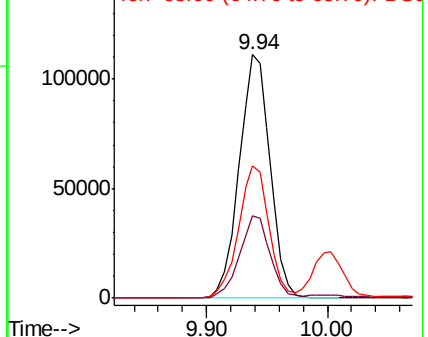
139 100

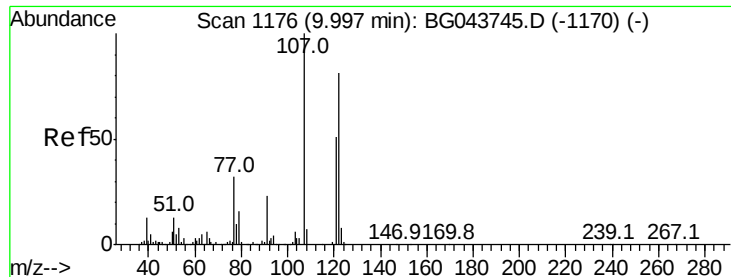
109 33.9 24.1 36.1

65 54.2 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

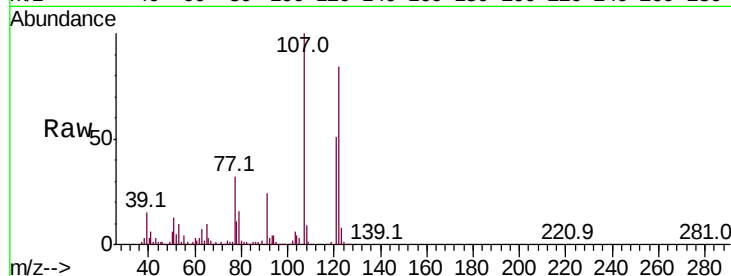




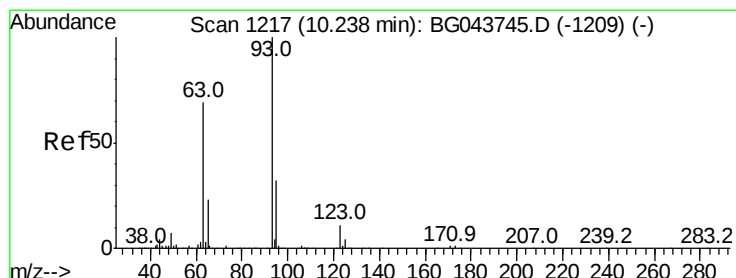
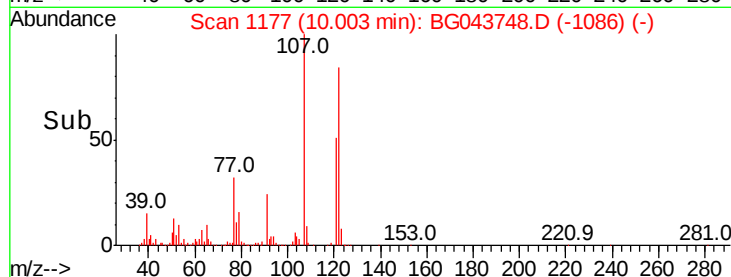
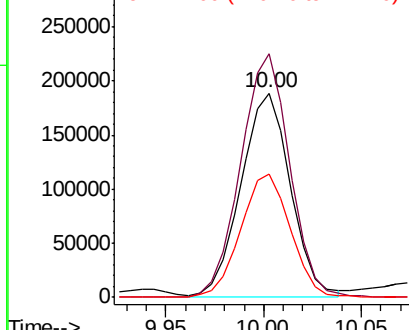
#27
2,4-Dimethylphenol
Concen: 80.108 ng
RT: 10.00 min Scan# 1177
Delta R.T. 0.01 min
Lab File: BG043748.D
Acq: 22 Nov 2019 19:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 331722
Ion Ratio Lower Upper
122 100
107 119.1 98.5 147.7
121 60.3 49.6 74.4

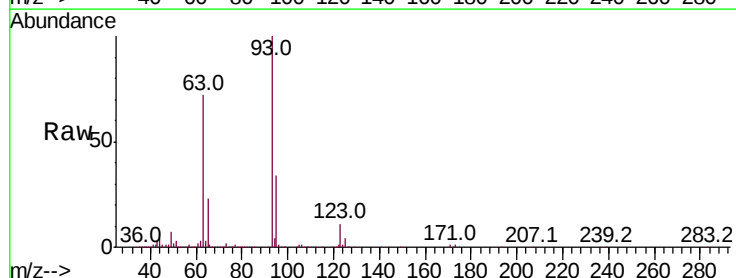


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

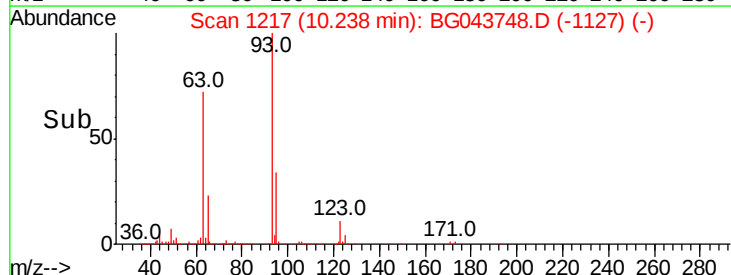
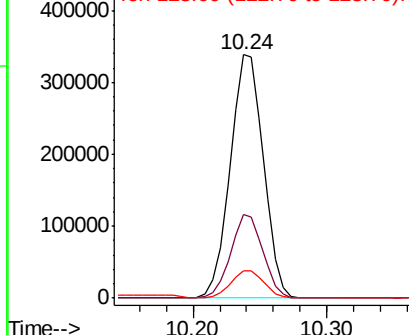


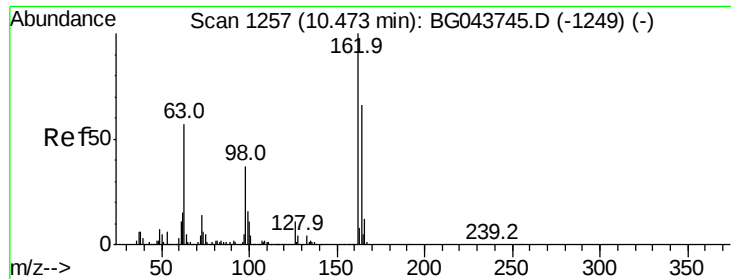
#28
bis(2-Chloroethoxy)methane
Concen: 92.098 ng
RT: 10.24 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BG043748.D
Acq: 22 Nov 2019 19:03

Tgt Ion: 93 Resp: 583807
Ion Ratio Lower Upper
93 100
95 34.1 26.0 39.0
123 11.5 8.7 13.1



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





#29

2,4-Dichlorophenol

Concen: 79.536 ng

RT: 10.47 min Scan# 1257

Delta R.T. 0.00 min

Lab File: BG043748.D

Acq: 22 Nov 2019 19:03

Instrument :

BNA_G

ClientSampleId :

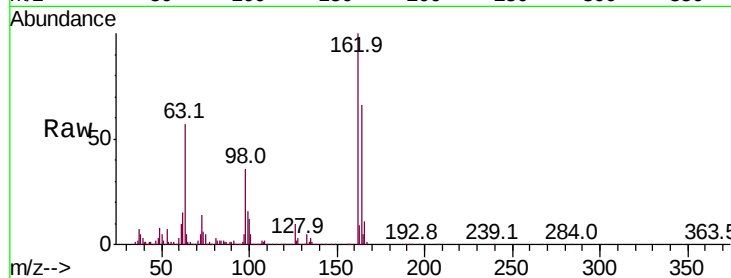
Tot Ion:162 Resp: 421991

Ion Ratio Lower Upper

162 100

164 65.5 46.4 86.4

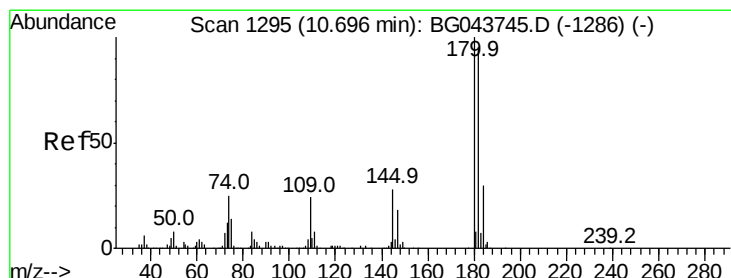
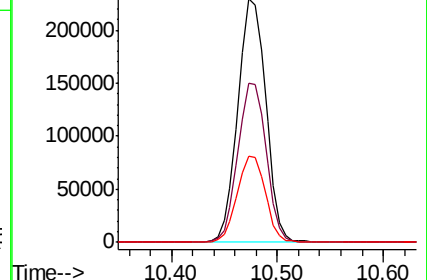
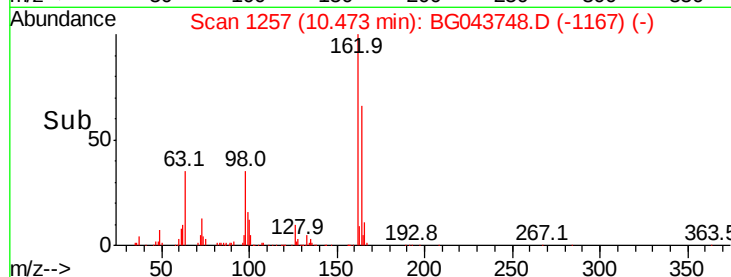
98 35.6 17.3 57.3



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: 74.012 ng

RT: 10.70 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BG043748.D

Acq: 22 Nov 2019 19:03

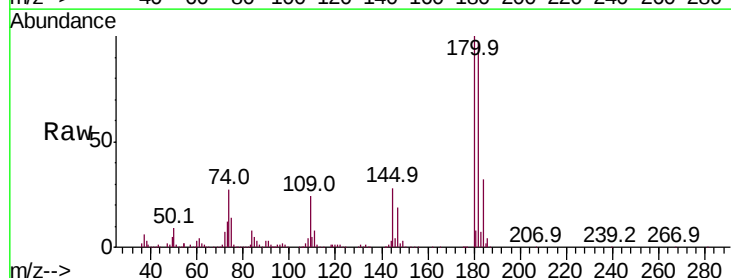
Tgt Ion:180 Resp: 494924

Ion Ratio Lower Upper

180 100

182 96.9 75.8 113.6

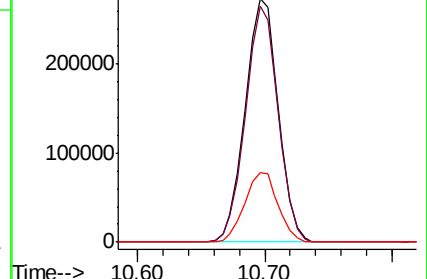
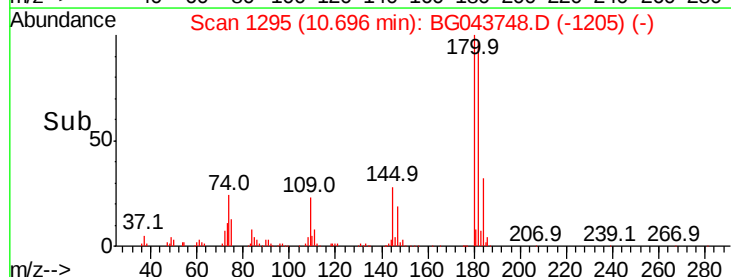
145 28.3 22.5 33.7

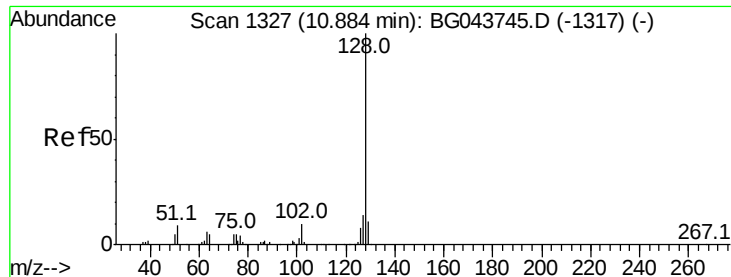


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 75.307 ng

RT: 10.88 min Scan# 1327

Delta R.T. 0.00 min

Lab File: BG043748.D

Acq: 22 Nov 2019 19:03

Instrument :

BNA_G

ClientSampleId :

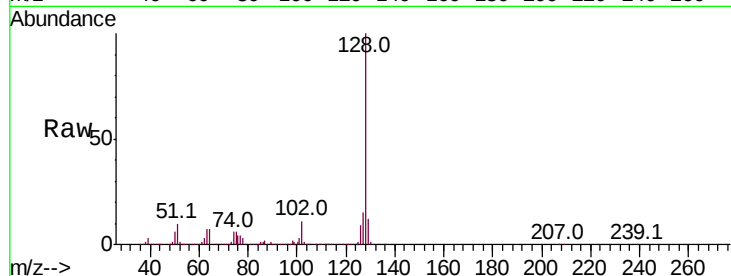
Tot Ion:128 Resp: 1238011

Ion Ratio Lower Upper

128 100

129 12.1 9.1 13.7

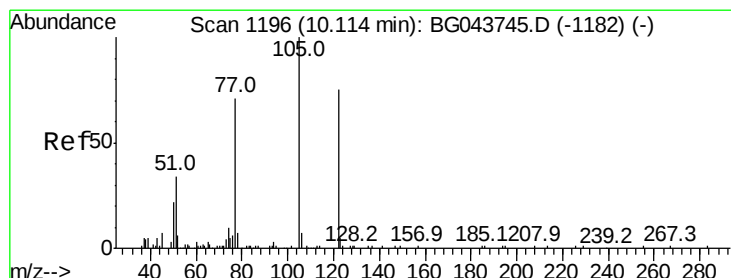
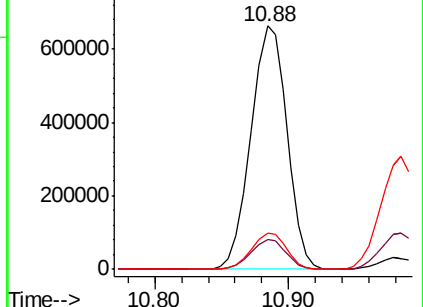
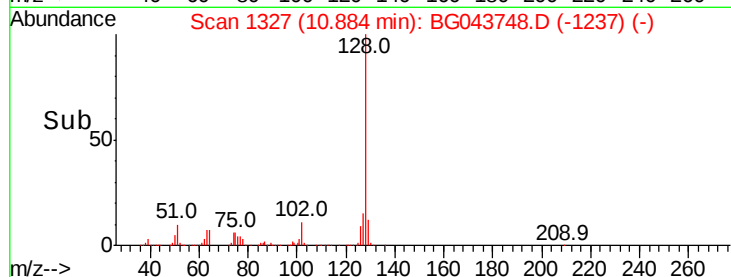
127 14.9 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 94.348 ng

RT: 10.18 min Scan# 1207

Delta R.T. 0.06 min

Lab File: BG043748.D

Acq: 22 Nov 2019 19:03

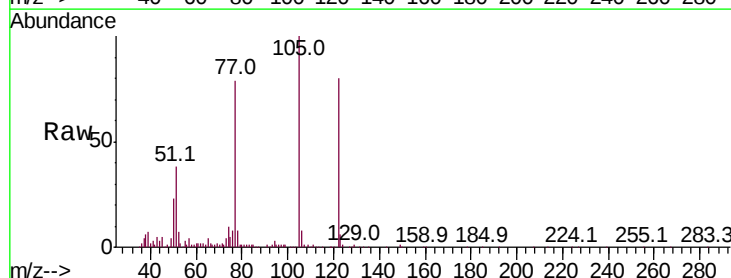
Tgt Ion:122 Resp: 274088

Ion Ratio Lower Upper

122 100

105 125.7 109.3 149.3

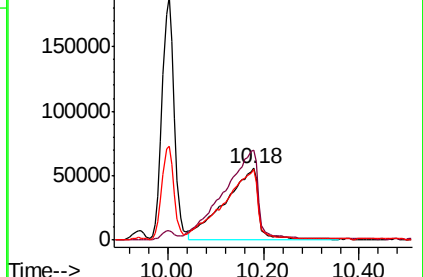
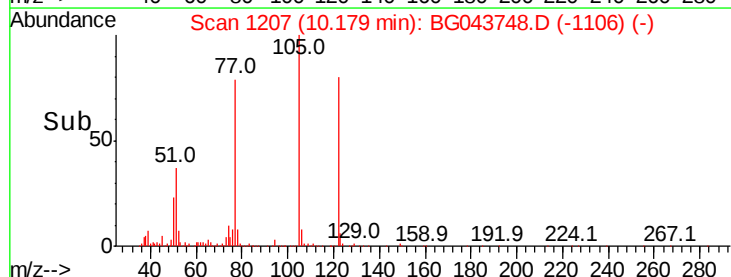
77 99.1 76.1 116.1

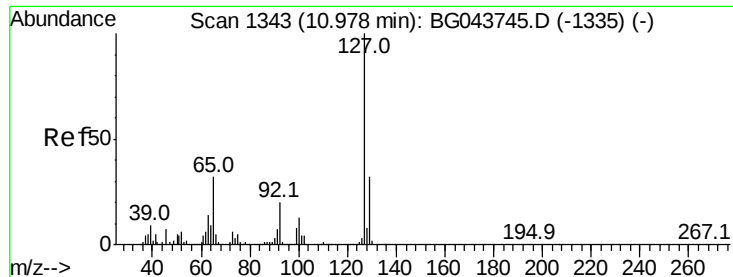


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E

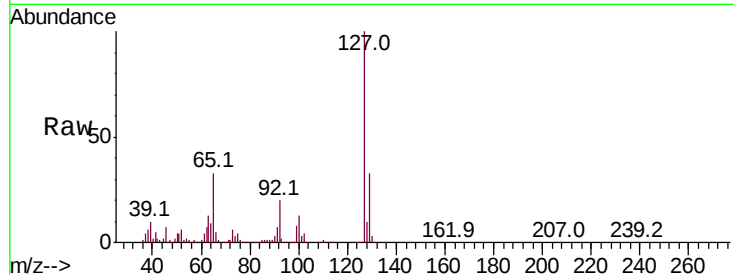




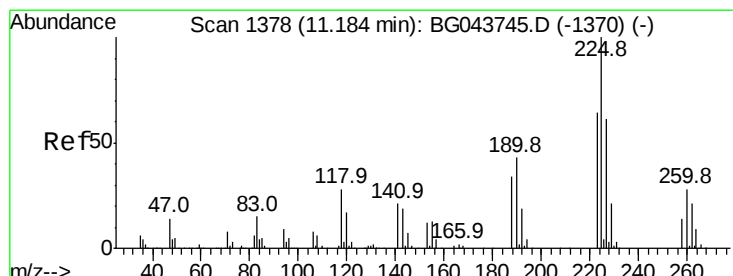
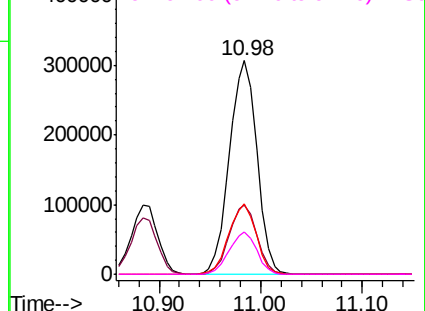
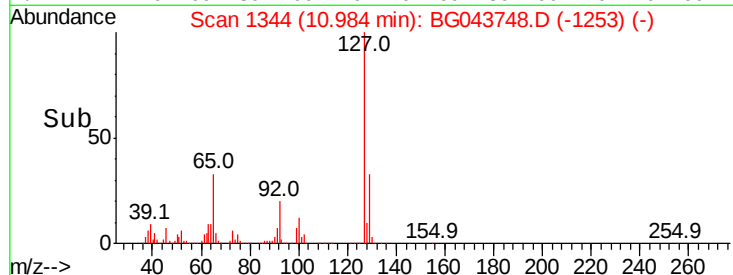
#33
4-Chloroaniline
Concen: 85.586 ng
RT: 10.98 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BG043748.D
Acq: 22 Nov 2019 19:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	576746
Ion Ratio	Lower	Upper
127	100	
129	32.6	25.9 38.9
65	32.9	25.8 38.8
92	19.7	15.8 23.6

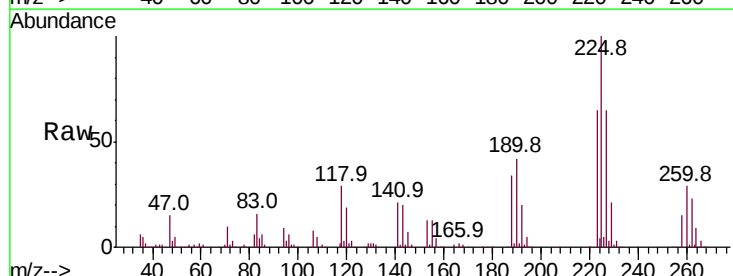


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

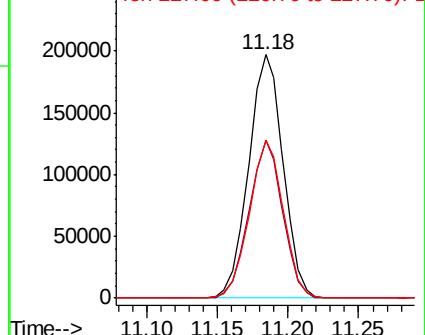
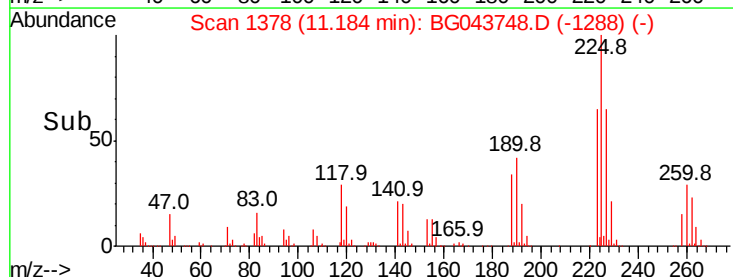


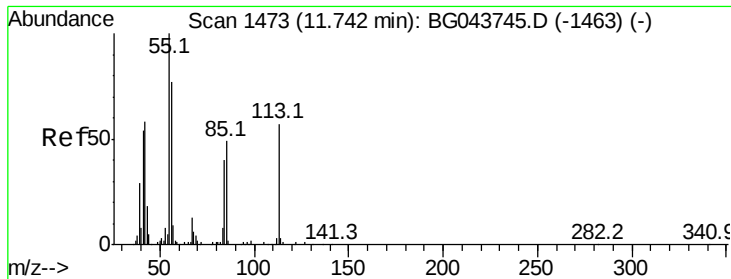
#34
Hexachlorobutadiene
Concen: 68.208 ng
RT: 11.18 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BG043748.D
Acq: 22 Nov 2019 19:03

Tgt Ion:225	Resp:	337171
Ion Ratio	Lower	Upper
225	100	
223	65.0	51.2 76.8
227	64.7	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: 61.596 ng

RT: 11.77 min Scan# 1478

Delta R.T. 0.03 min

Lab File: BG043748.D

Acq: 22 Nov 2019 19:03

Instrument :

BNA_G

ClientSampled :

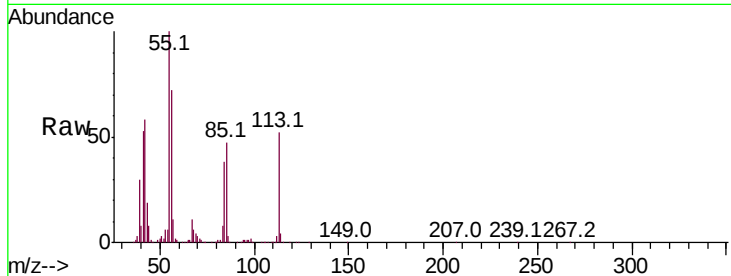
Tot Ion:113 Resp: 112554

Ion Ratio Lower Upper

113 100

55 191.0 160.9 200.9

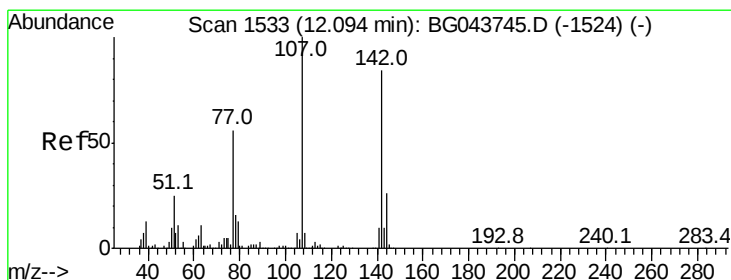
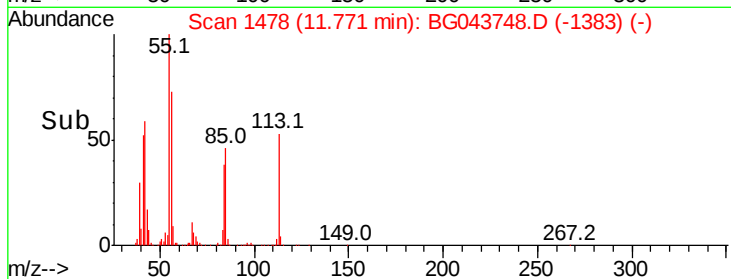
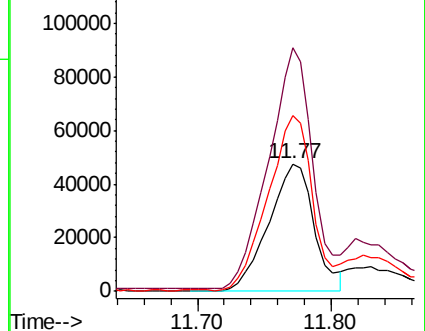
56 138.2 116.8 156.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG043745.D (-1463) (-)

Ion 56.00 (55.70 to 56.70): BG043745.D (-1463) (-)



#36

4-Chloro-3-methylphenol

Concen: 74.374 ng

RT: 12.11 min Scan# 1535

Delta R.T. 0.01 min

Lab File: BG043748.D

Acq: 22 Nov 2019 19:03

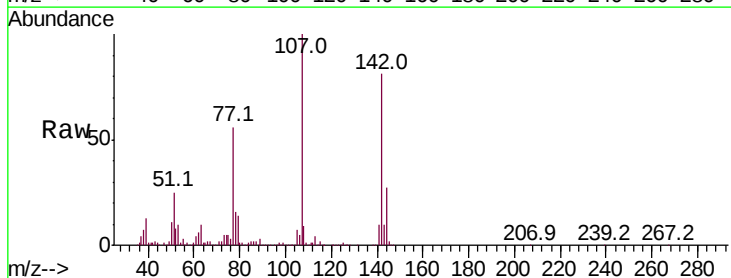
Tgt Ion:107 Resp: 430430

Ion Ratio Lower Upper

107 100

144 27.1 21.0 31.4

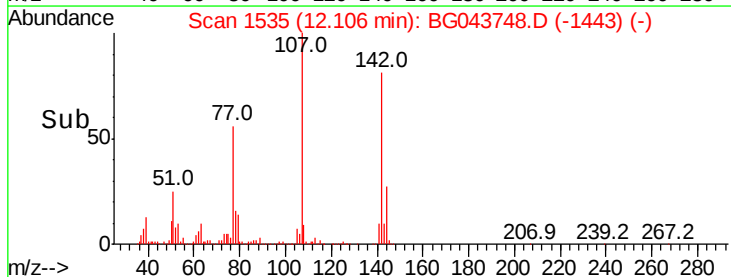
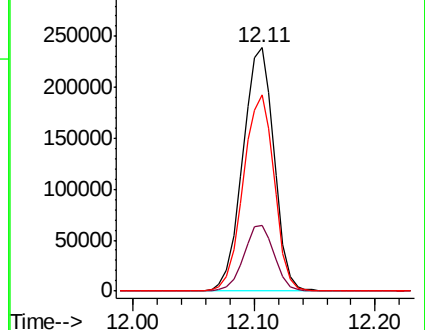
142 80.6 67.0 100.4

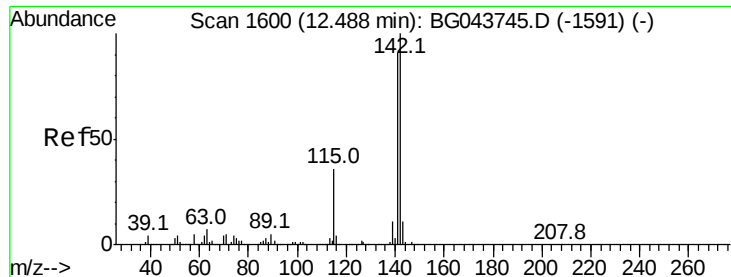


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

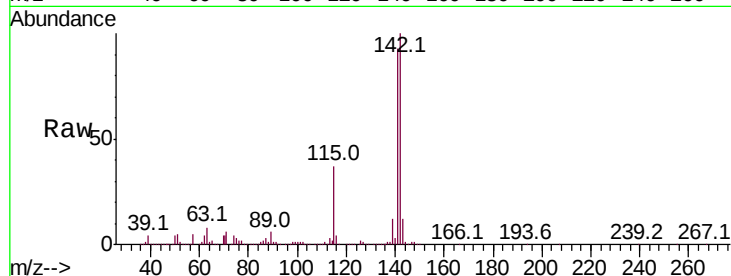




#37
2-Methylnaphthalene
Concen: 72.134 ng
RT: 12.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BG043748.D
Acq: 22 Nov 2019 19:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.9	72.8	109.2
115	37.3	28.9	43.3

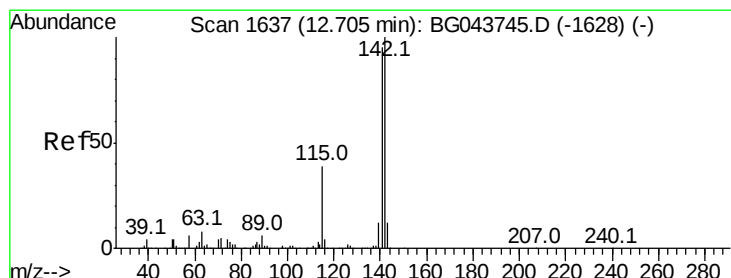
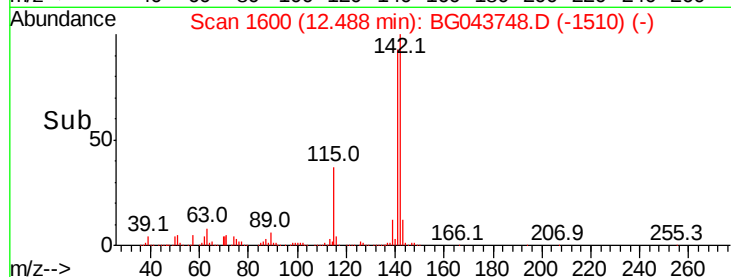
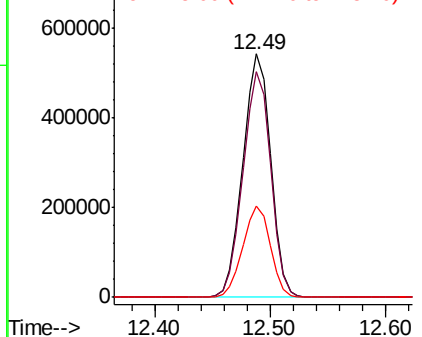


Abundance

Ion 142.00 (141.70 to 142.70): E

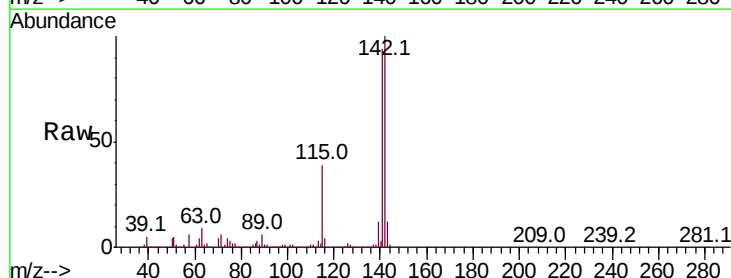
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 71.798 ng
RT: 12.71 min Scan# 1637
Delta R.T. 0.00 min
Lab File: BG043748.D
Acq: 22 Nov 2019 19:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.3	75.8	113.8
116	4.3	3.4	5.0

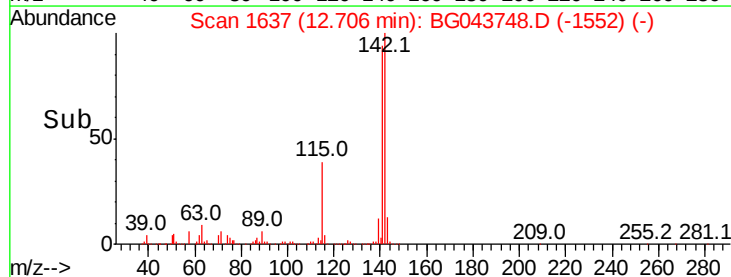
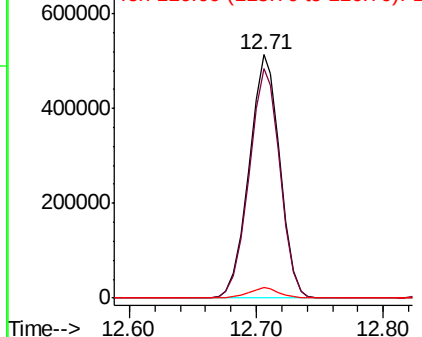


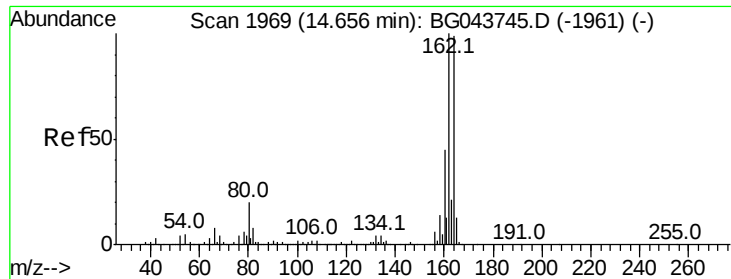
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. 0.00 min

Lab File: BG043748.D

Acq: 22 Nov 2019 19:03

Instrument :

BNA_G

ClientSampleId :

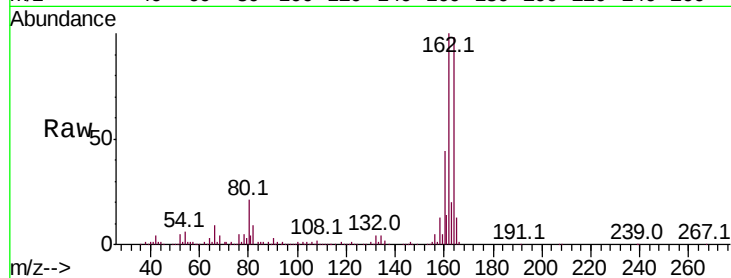
Tot Ion:164 Resp: 210153

Ion Ratio Lower Upper

164 100

162 102.3 80.6 121.0

160 44.6 36.3 54.5

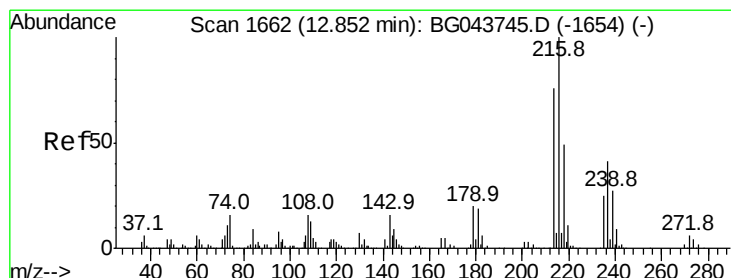
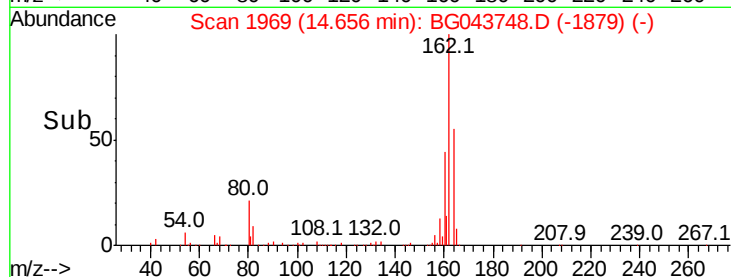
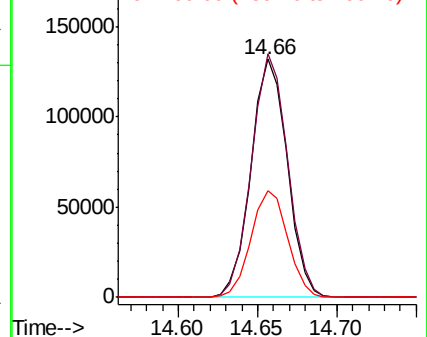


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 71.996 ng

RT: 12.86 min Scan# 1663

Delta R.T. 0.01 min

Lab File: BG043748.D

Acq: 22 Nov 2019 19:03

Tgt Ion:216 Resp: 559944

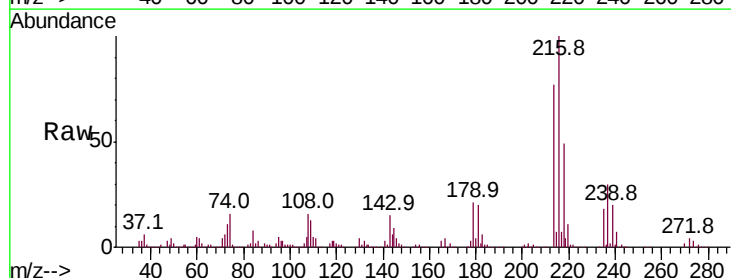
Ion Ratio Lower Upper

216 100

214 76.7 62.0 93.0

179 20.5 16.3 24.5

108 16.5 13.0 19.6



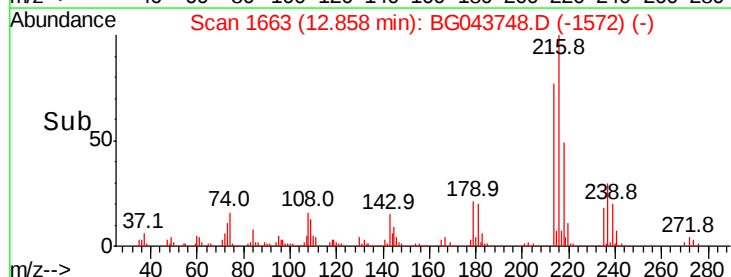
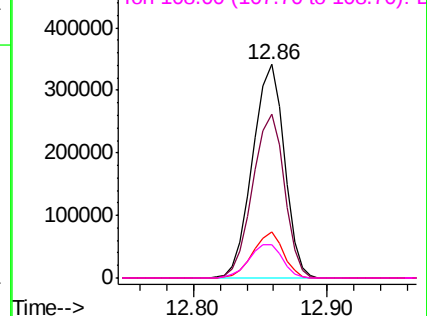
Abundance

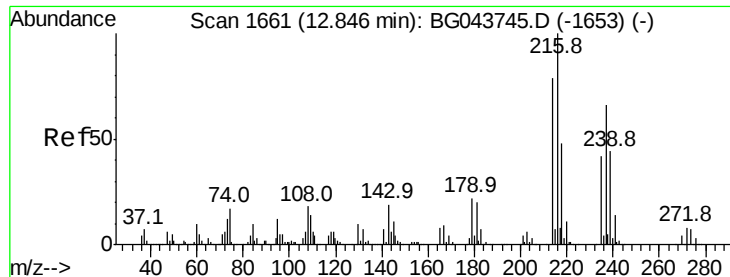
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 79.600 ng

RT: 12.85 min Scan# 1661

Delta R.T. 0.00 min

Lab File: BG043748.D

Acq: 22 Nov 2019 19:03

Instrument :

BNA_G

ClientSampleId :

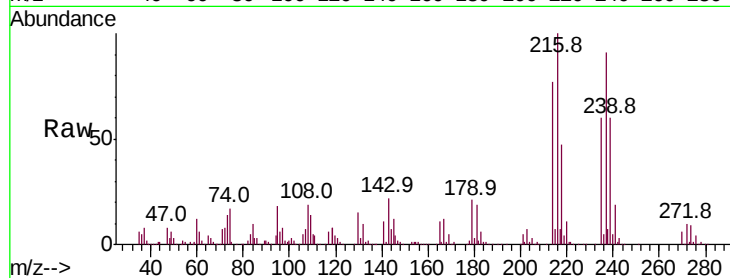
Tot Ion:237 Resp: 325208

Ion Ratio Lower Upper

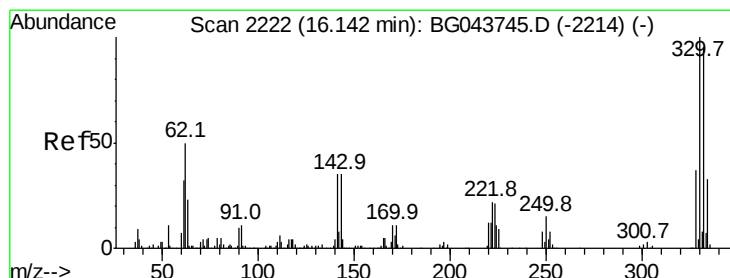
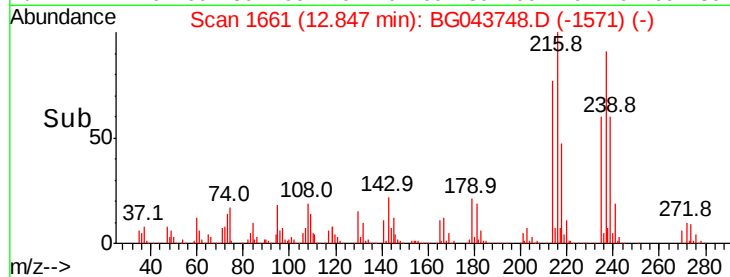
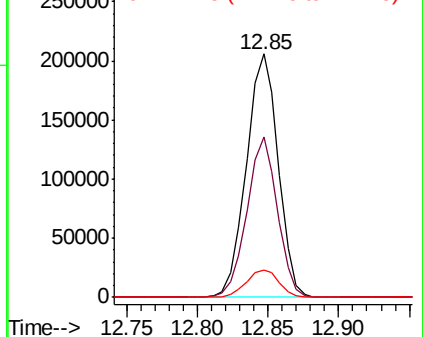
237 100

235 65.9 43.8 83.8

272 11.1 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: 94.014 ng

RT: 16.14 min Scan# 2222

Delta R.T. 0.00 min

Lab File: BG043748.D

Acq: 22 Nov 2019 19:03

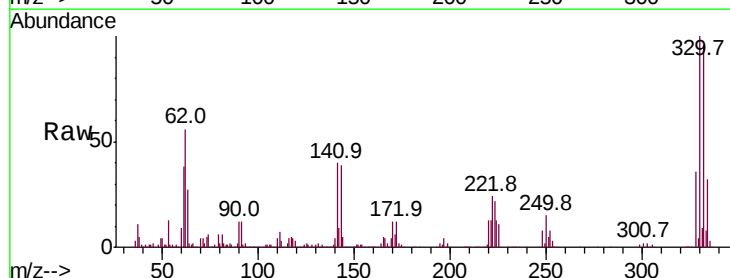
Tgt Ion:330 Resp: 375983

Ion Ratio Lower Upper

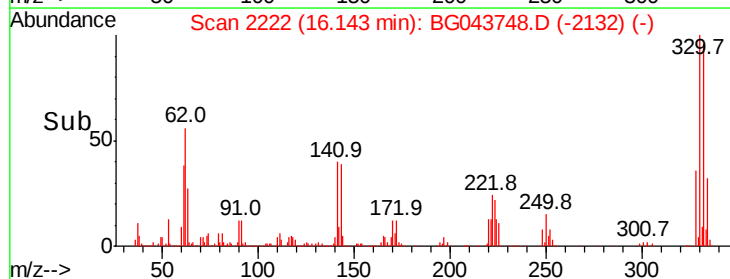
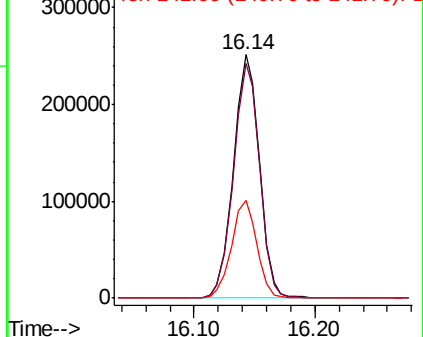
330 100

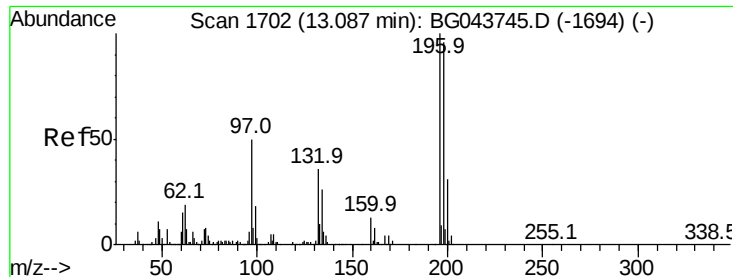
332 96.8 77.3 115.9

141 39.4 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

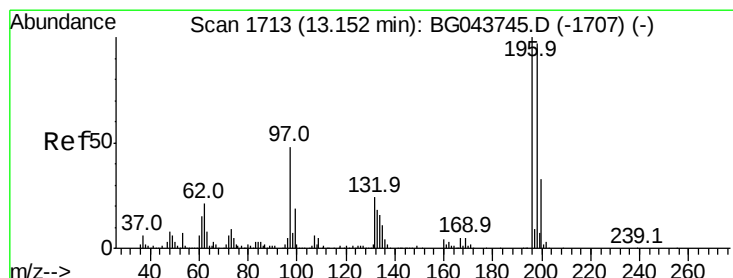
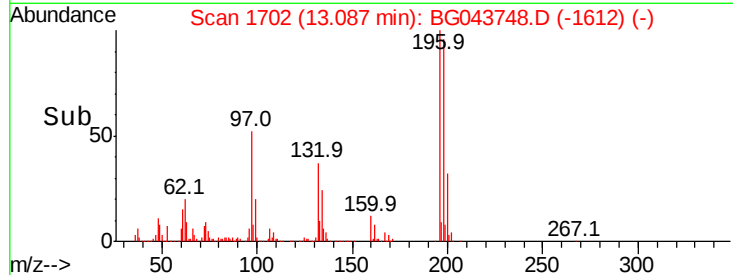
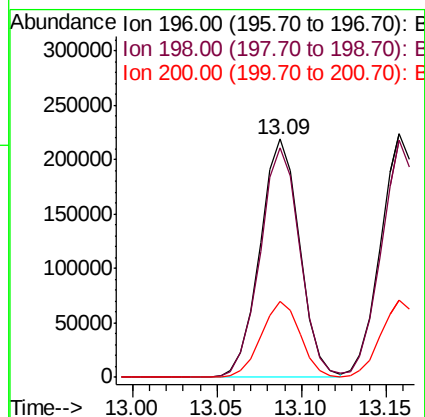
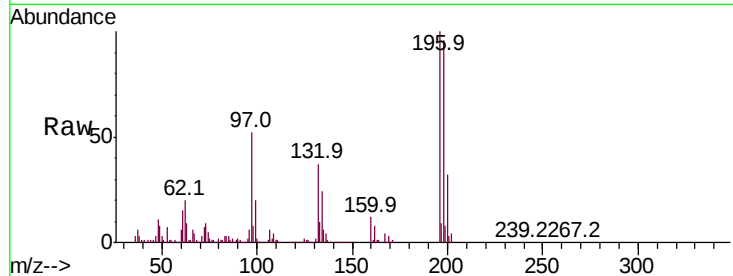




#43
 2,4,6-Trichlorophenol
 Concen: 77.883 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: BG043748.D
 Acq: 22 Nov 2019 19:03

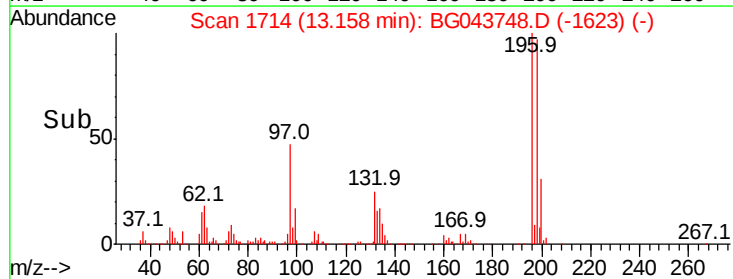
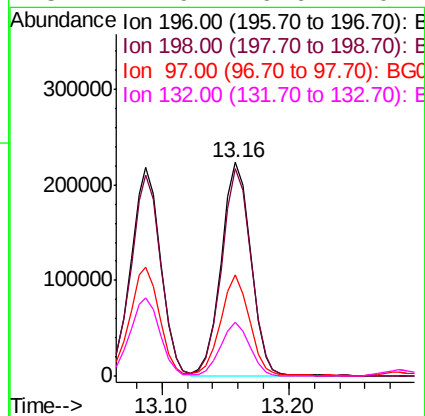
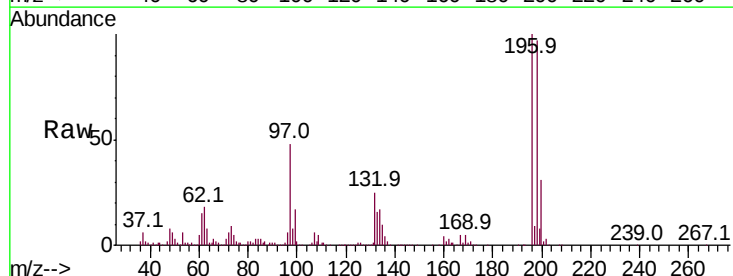
Instrument :
 BNA_G
 ClientSampled :

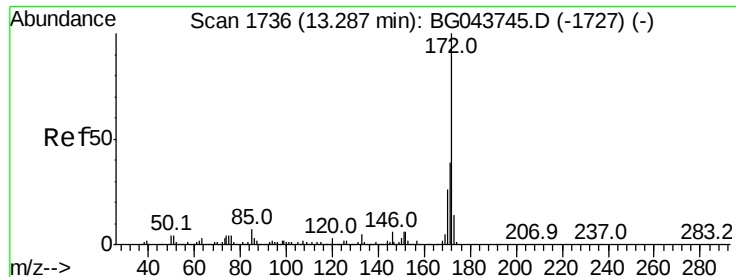
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.5	76.5	114.7
200	31.7	24.6	36.8



#44
 2,4,5-Trichlorophenol
 Concen: 78.364 ng
 RT: 13.16 min Scan# 1714
 Delta R.T. 0.01 min
 Lab File: BG043748.D
 Acq: 22 Nov 2019 19:03

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.3	78.2	117.2
97	47.5	39.1	58.7
132	24.9	19.6	29.4

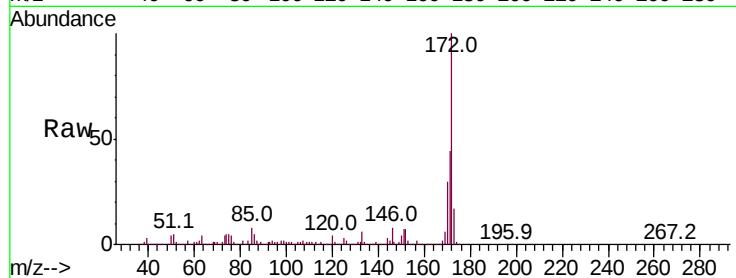




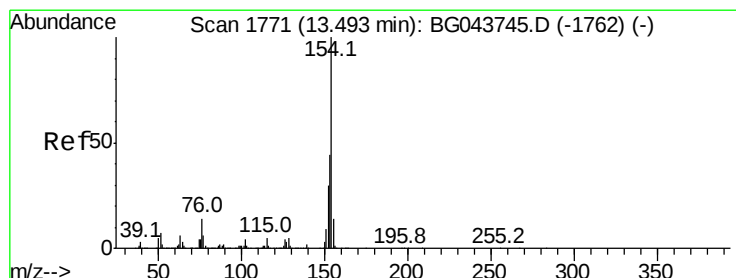
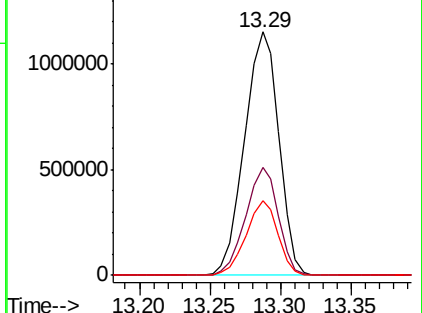
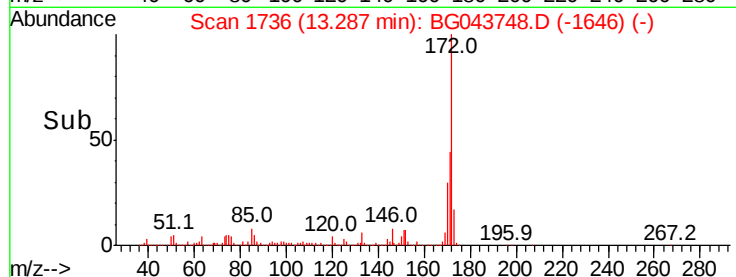
#45
2-Fluorobiphenyl
Concen: 129.344 ng
RT: 13.29 min Scan# 1736
Delta R.T. 0.00 min
Lab File: BG043748.D
Acq: 22 Nov 2019 19:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 1967137
Ion Ratio Lower Upper
172 100
171 44.1 31.0 46.6
170 30.5 21.0 31.4

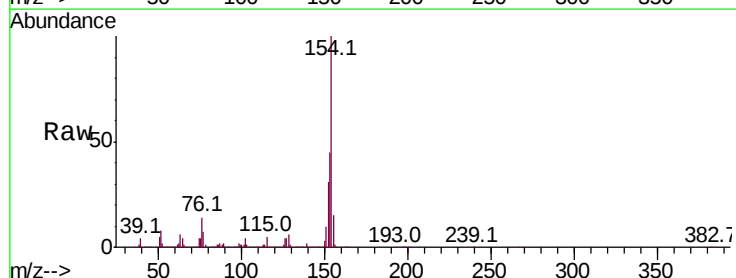


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

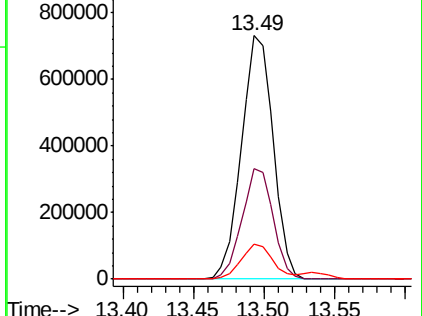
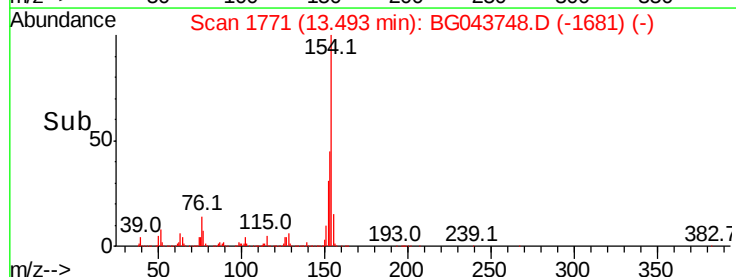


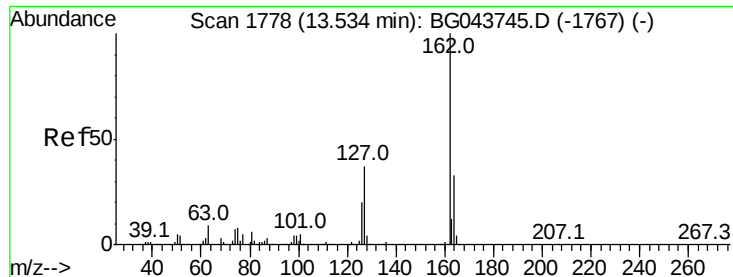
#46
1,1'-Biphenyl
Concen: 72.127 ng
RT: 13.49 min Scan# 1771
Delta R.T. 0.00 min
Lab File: BG043748.D
Acq: 22 Nov 2019 19:03

Tgt Ion:154 Resp: 1153117
Ion Ratio Lower Upper
154 100
153 45.4 23.5 63.5
76 14.5 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): BGC





#47

2-Chloronaphthalene

Concen: 78.139 ng

RT: 13.53 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BG043748.D

Acq: 22 Nov 2019 19:03

Instrument :

BNA_G

ClientSampleId :

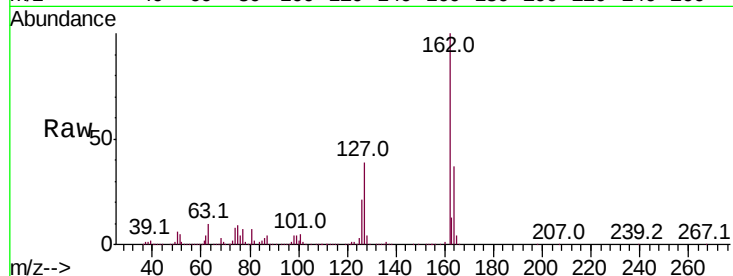
Tot Ion:162 Resp: 950508

Ion Ratio Lower Upper

162 100

127 39.3 30.0 45.0

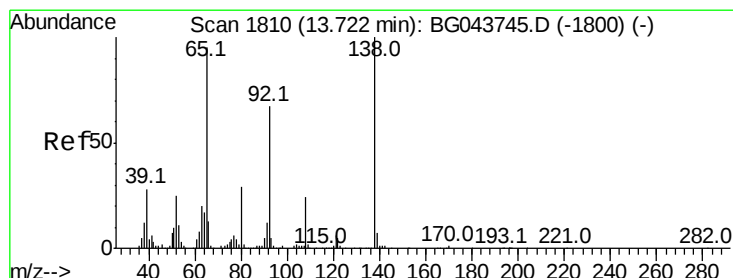
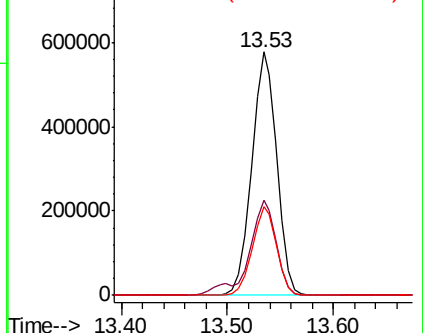
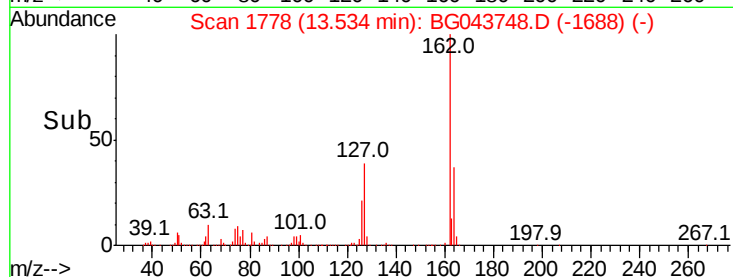
164 36.7 26.4 39.6



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: 80.036 ng

RT: 13.73 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BG043748.D

Acq: 22 Nov 2019 19:03

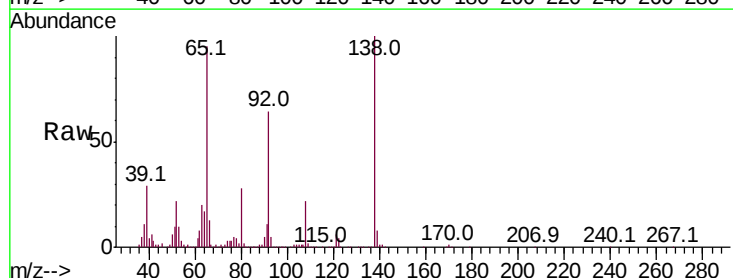
Tgt Ion: 65 Resp: 290981

Ion Ratio Lower Upper

65 100

92 67.7 56.1 84.1

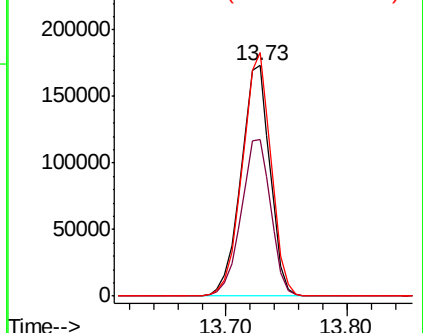
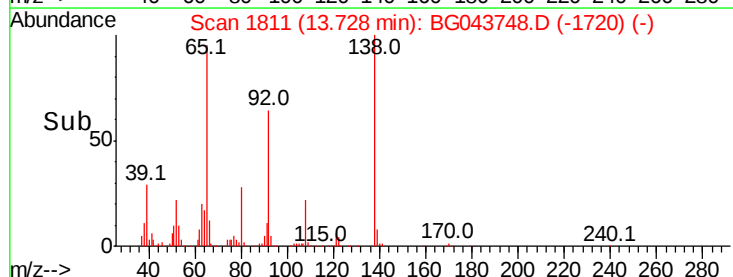
138 105.7 84.2 126.4

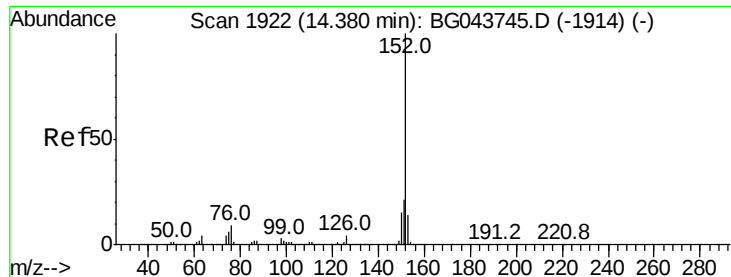


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 74.818 ng

RT: 14.38 min Scan# 1922

Delta R.T. 0.00 min

Lab File: BG043748.D

Acq: 22 Nov 2019 19:03

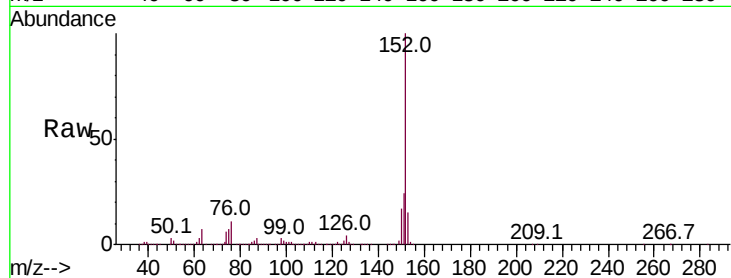
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 1416452

Ion	Ratio	Lower	Upper
152	100		
151	23.9	17.0	25.6
153	14.9	10.8	16.2

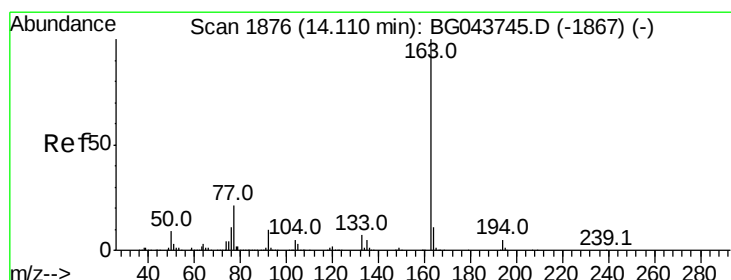
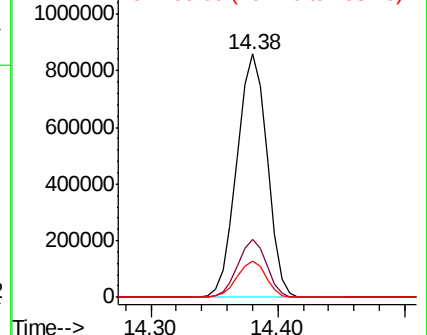
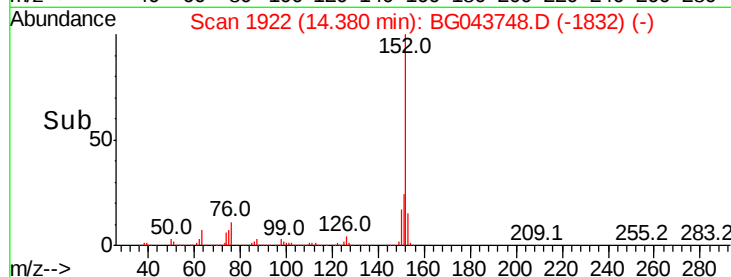


Abundance

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: 73.779 ng

RT: 14.12 min Scan# 1877

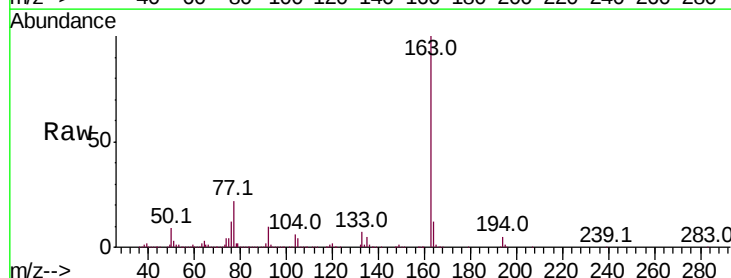
Delta R.T. 0.01 min

Lab File: BG043748.D

Acq: 22 Nov 2019 19:03

Tgt Ion:163 Resp: 1200965

Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.7	5.5
164	12.1	8.7	13.1

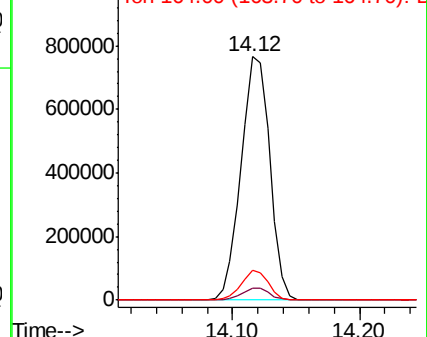
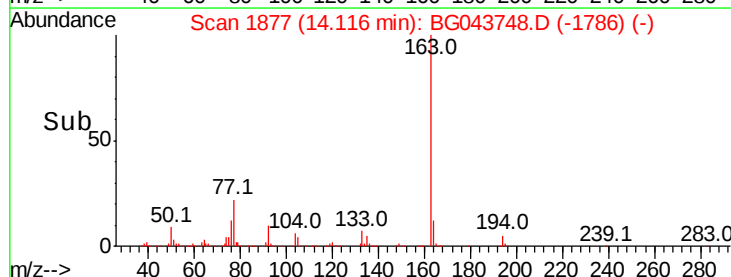


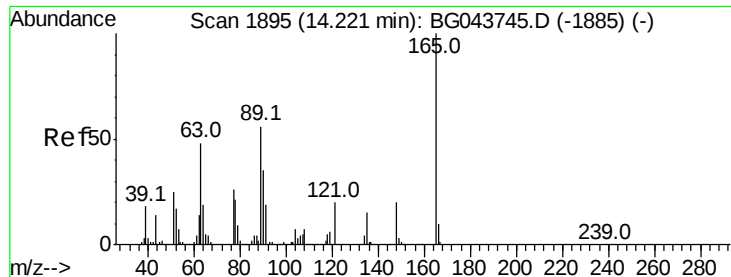
Abundance

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

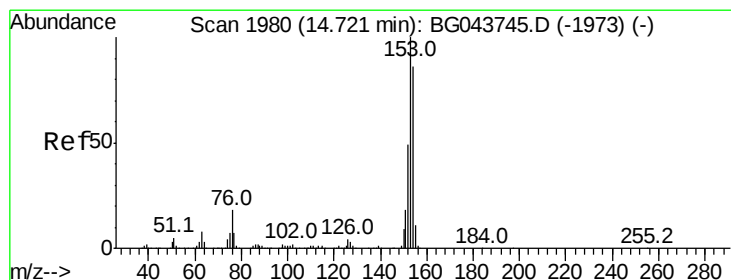
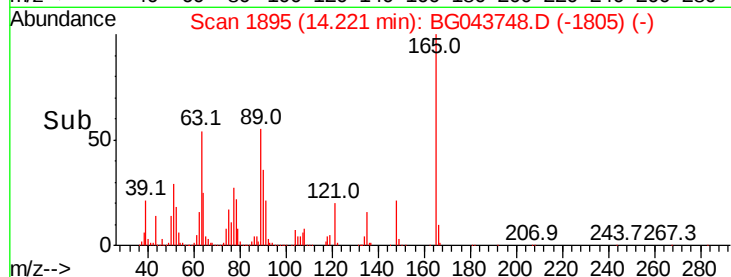
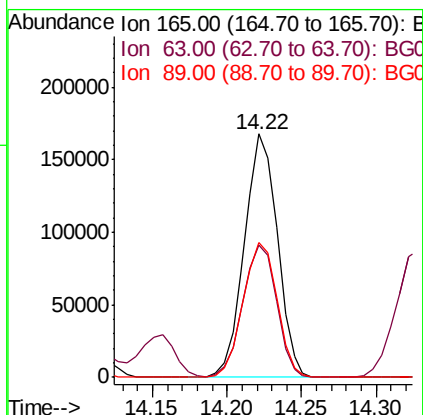
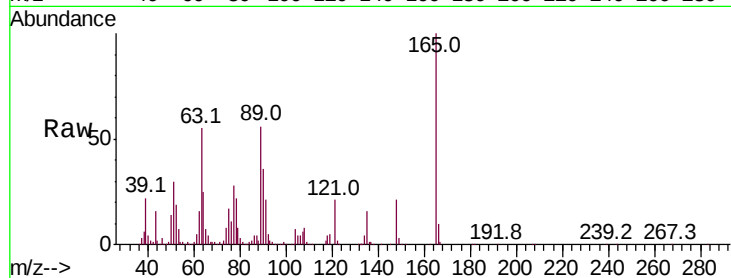




#51
2,6-Dinitrotoluene
Concen: 72.672 ng
RT: 14.22 min Scan# 1895
Delta R.T. 0.00 min
Lab File: BG043748.D
Acq: 22 Nov 2019 19:03

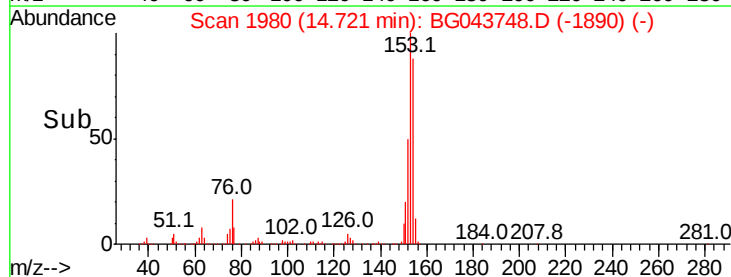
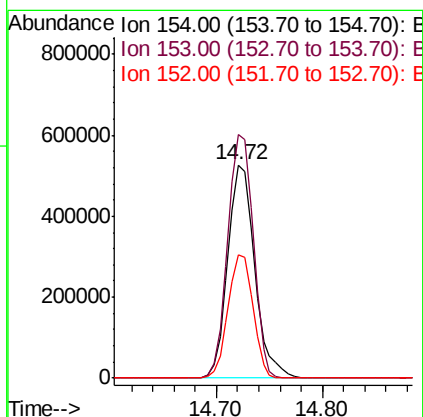
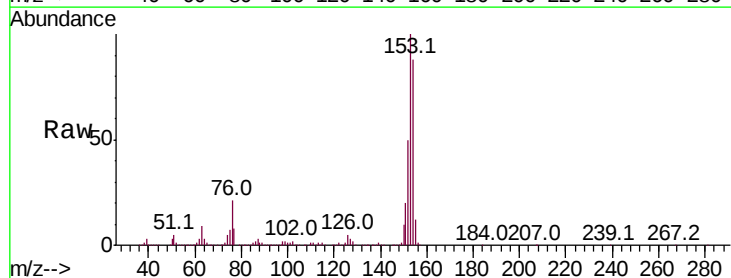
Instrument :
BNA_G
ClientSampled :

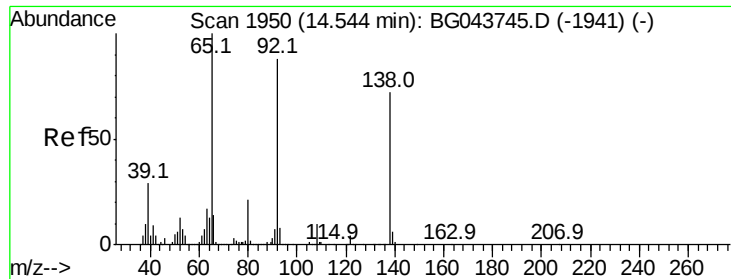
Tot Ion	Ratio	Lower	Upper
165	100		
63	54.5	43.4	65.2
89	55.6	44.6	67.0



#52
Acenaphthene
Concen: 80.425 ng
RT: 14.72 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BG043748.D
Acq: 22 Nov 2019 19:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.0	92.9	139.3
152	57.6	45.2	67.8

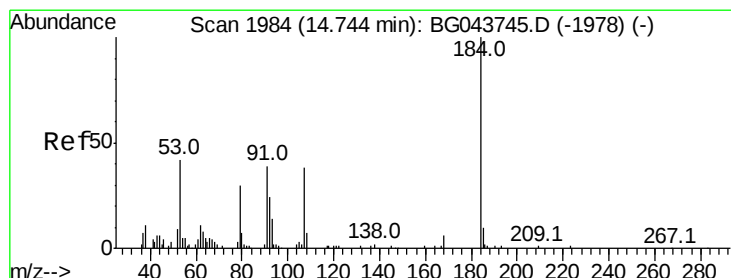
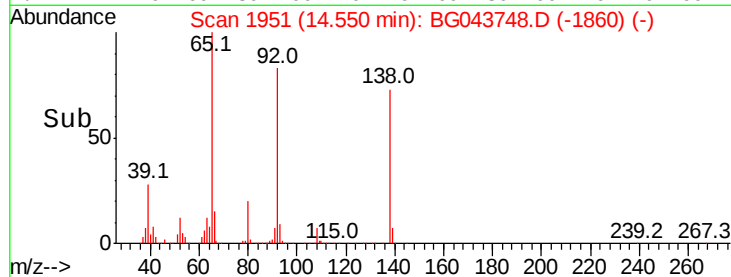
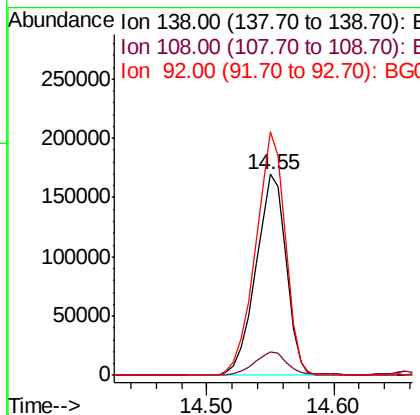
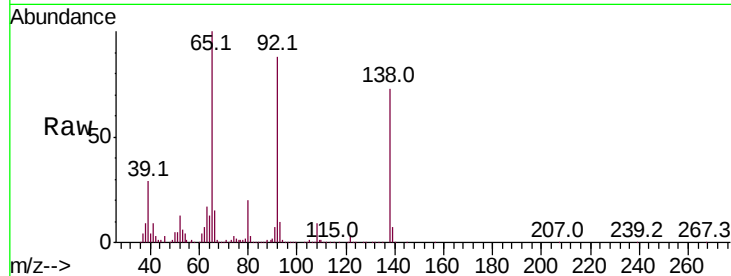




#53
 3-Nitroaniline
 Concen: 82.417 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. 0.01 min
 Lab File: BG043748.D
 Acq: 22 Nov 2019 19:03

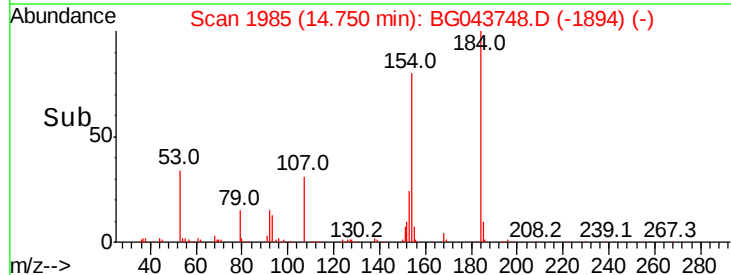
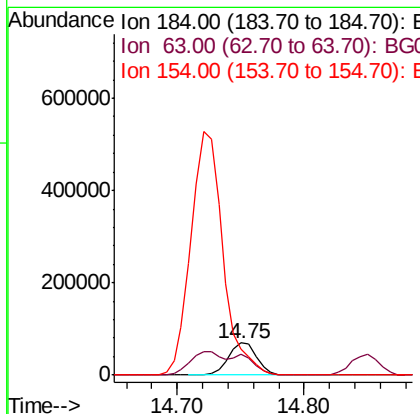
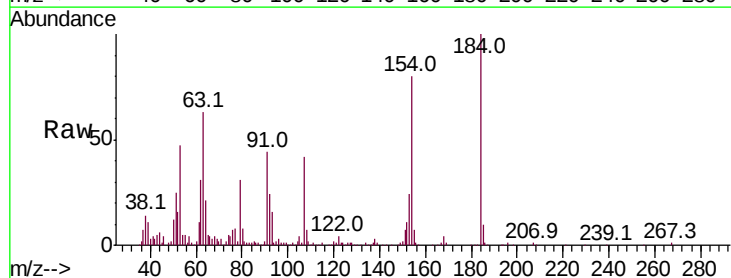
Instrument :
 BNA_G
 ClientSampled :

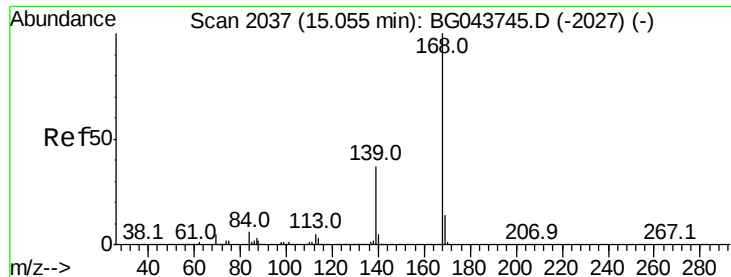
Tot Ion:138 Resp: 281393
 Ion Ratio Lower Upper
 138 100
 108 11.7 11.7 17.5
 92 121.0 97.2 145.8



#54
 2,4-Dinitrophenol
 Concen: 57.888 ng
 RT: 14.75 min Scan# 1985
 Delta R.T. 0.01 min
 Lab File: BG043748.D
 Acq: 22 Nov 2019 19:03

Tgt Ion:184 Resp: 108082
 Ion Ratio Lower Upper
 184 100
 63 62.9 52.4 78.6
 154 80.3 92.8 139.2#

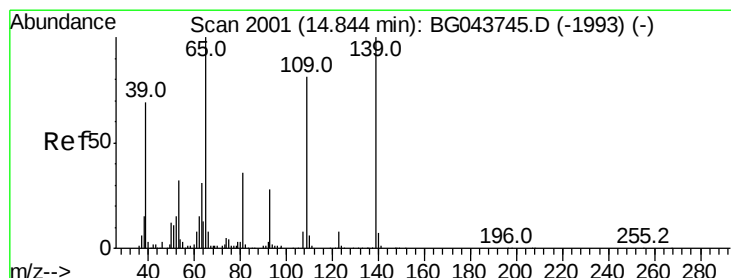
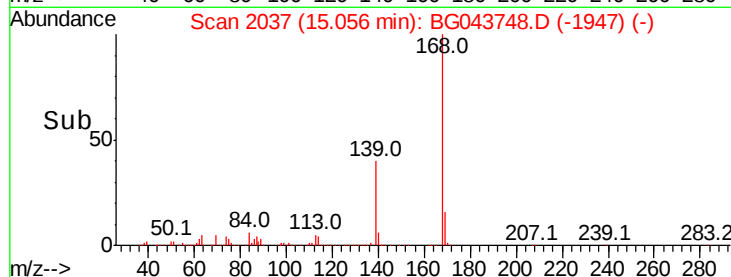
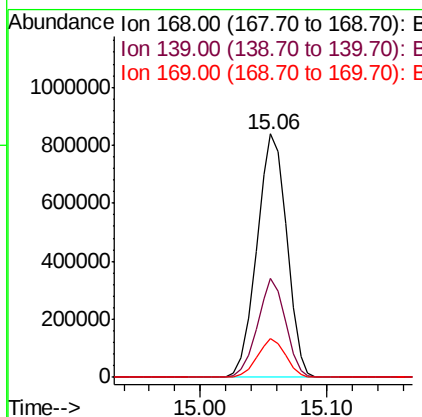
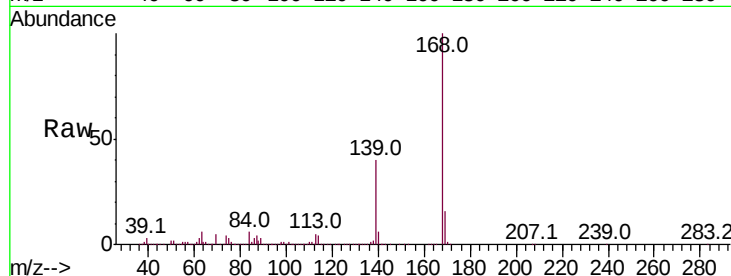




#55
Dibenzofuran
Concen: 73.447 ng
RT: 15.06 min Scan# 2037
Delta R.T. 0.00 min
Lab File: BG043748.D
Acq: 22 Nov 2019 19:03

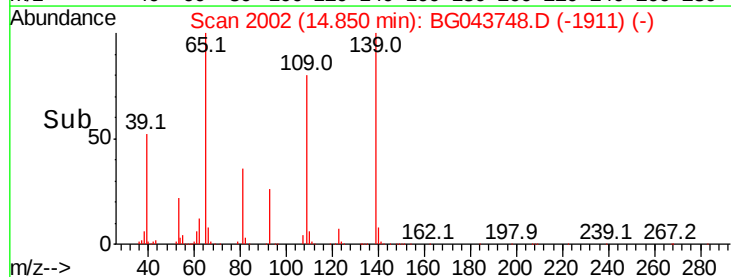
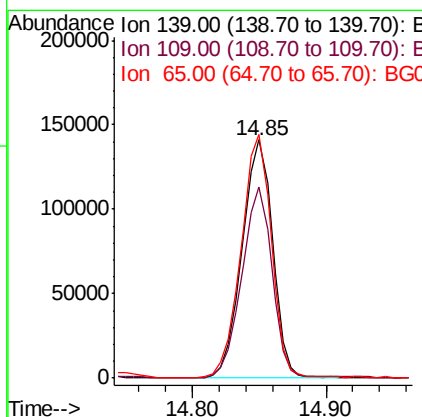
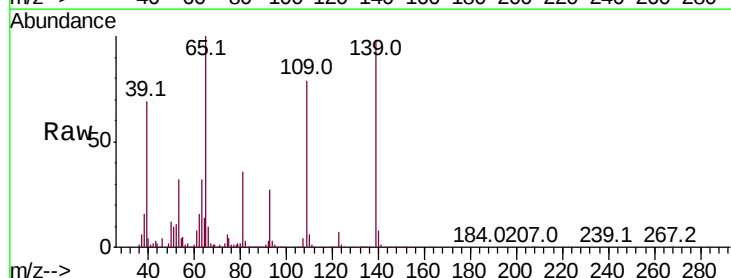
Instrument :
BNA_G
ClientSampleId :

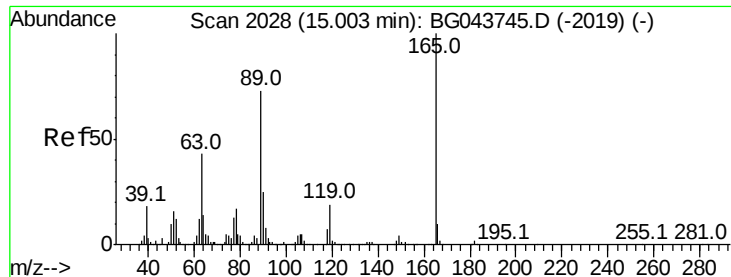
Tot Ion:168 Resp: 1375128
Ion Ratio Lower Upper
168 100
139 40.5 29.4 44.2
169 15.7 11.3 16.9



#56
4-Nitrophenol
Concen: 97.528 ng
RT: 14.85 min Scan# 2002
Delta R.T. 0.01 min
Lab File: BG043748.D
Acq: 22 Nov 2019 19:03

Tgt Ion:139 Resp: 223144
Ion Ratio Lower Upper
139 100
109 80.5 61.4 101.4
65 102.3 80.3 120.3

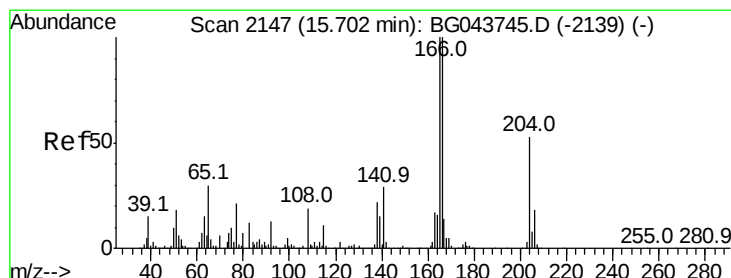
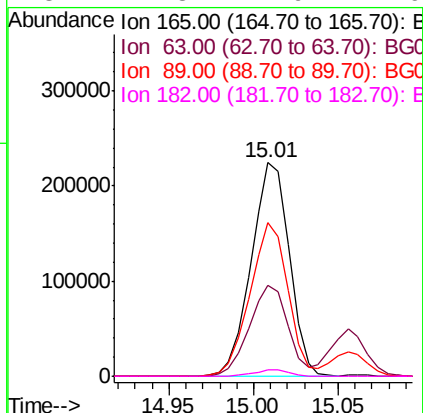
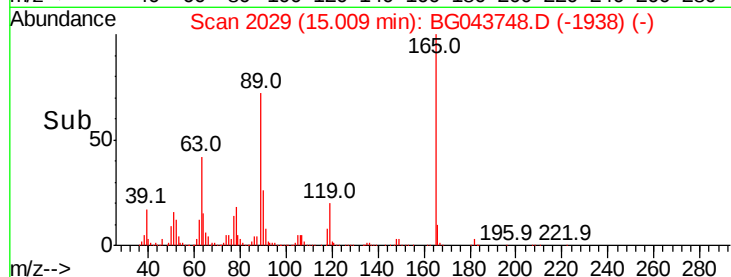
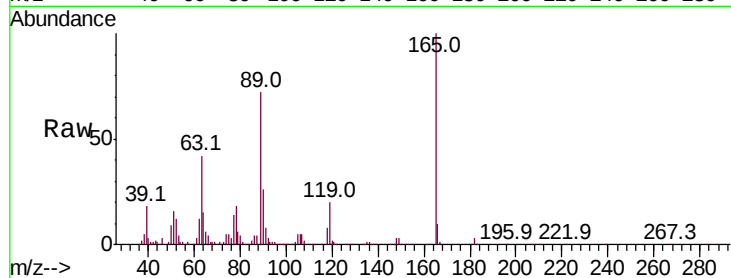




#57
2,4-Dinitrotoluene
Concen: 69.351 ng
RT: 15.01 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BG043748.D
Acq: 22 Nov 2019 19:03

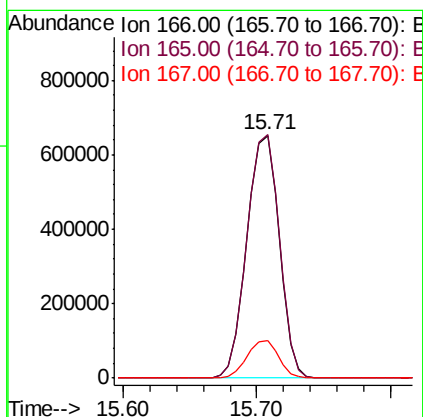
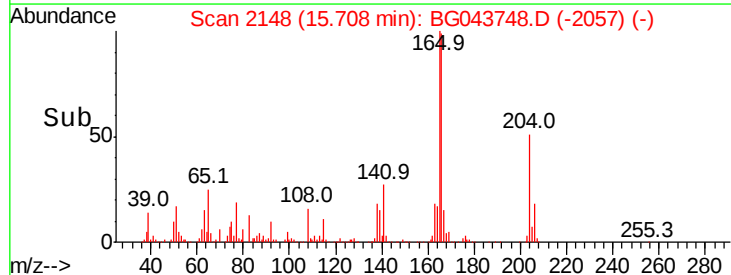
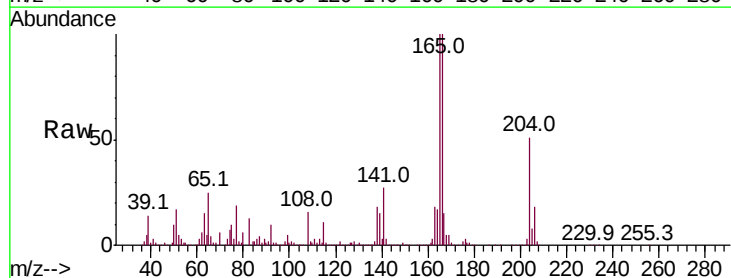
Instrument :
BNA_G
ClientSampleId :

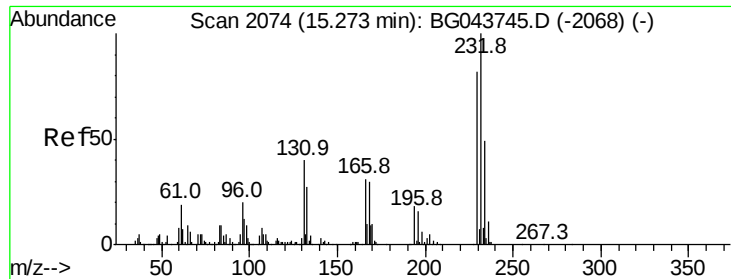
Tot Ion:	165	Resp:	350485
Ion	Ratio	Lower	Upper
165	100		
63	42.5	34.6	51.8
89	71.7	58.3	87.5
182	2.8	1.9	2.9



#58
Fluorene
Concen: 69.615 ng
RT: 15.71 min Scan# 2148
Delta R.T. 0.01 min
Lab File: BG043748.D
Acq: 22 Nov 2019 19:03

Tgt Ion:	166	Resp:	1093169
Ion	Ratio	Lower	Upper
166	100		
165	100.3	79.9	119.9
167	15.4	11.4	17.0

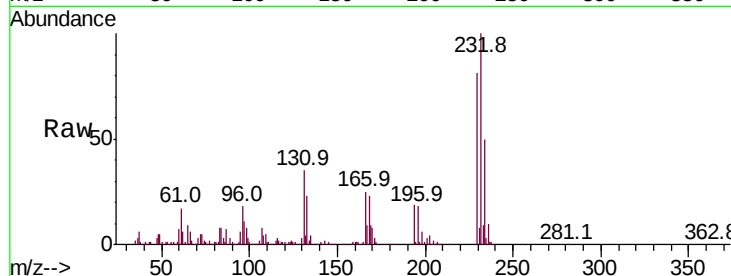




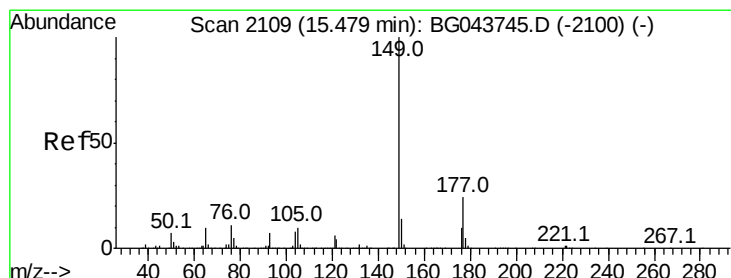
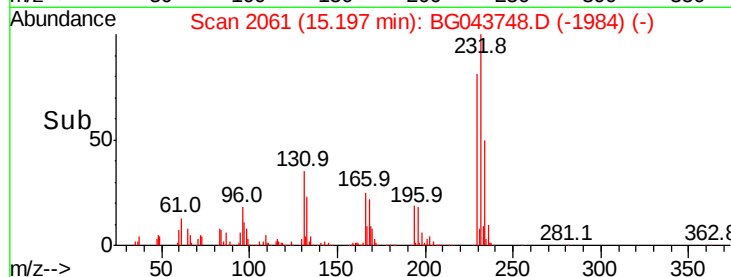
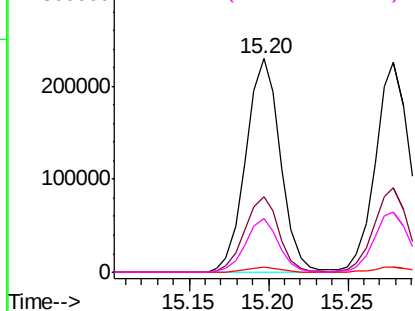
#59
2,3,4,6-Tetrachlorophenol
Concen: 70.760 ng
RT: 15.20 min Scan# 2061
Delta R.T. -0.08 min
Lab File: BG043748.D
Acq: 22 Nov 2019 19:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	232	Resp:	348116
Ion	Ratio	Lower	Upper
232	100		
131	35.4	27.0	40.6
130	2.3	1.6	2.4
166	24.1	18.2	27.2

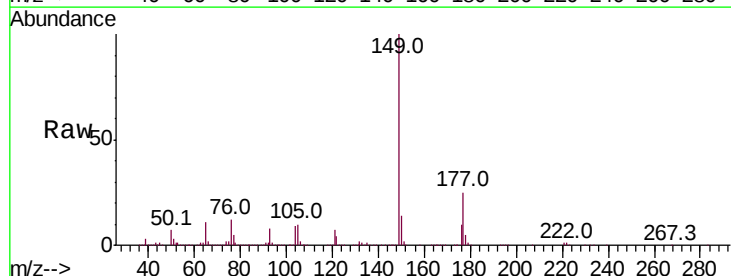


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

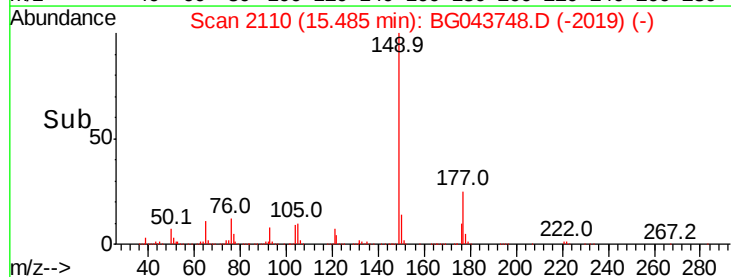
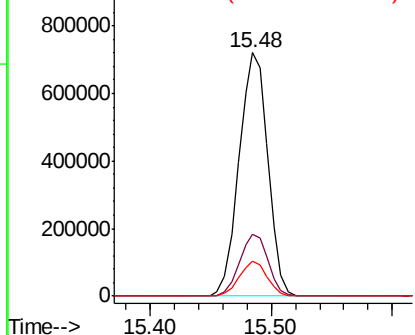


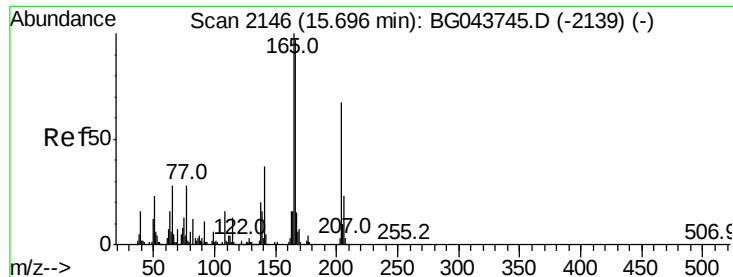
#60
Diethylphthalate
Concen: 73.099 ng
RT: 15.48 min Scan# 2110
Delta R.T. 0.01 min
Lab File: BG043748.D
Acq: 22 Nov 2019 19:03

Tgt Ion:	149	Resp:	1195588
Ion	Ratio	Lower	Upper
149	100		
177	25.2	19.3	28.9
150	14.3	11.1	16.7



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

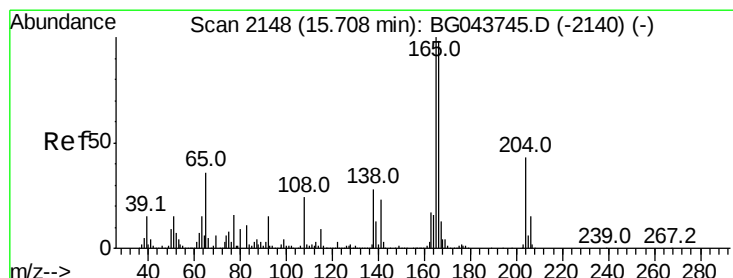
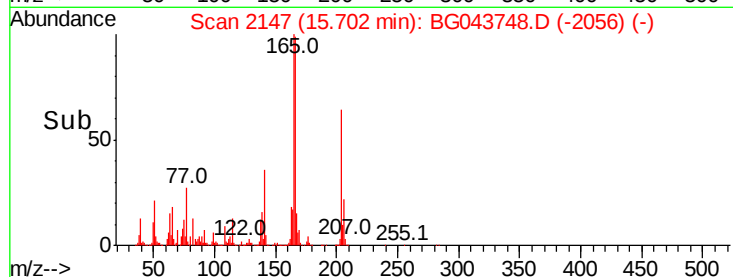
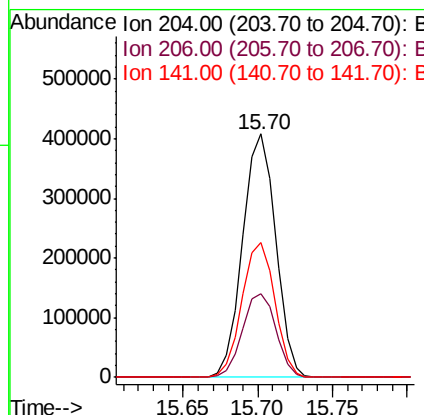
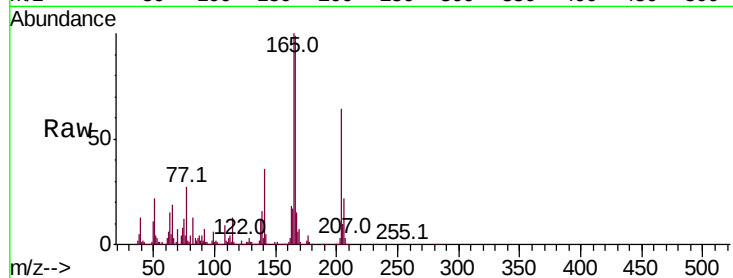




#61
4-Chlorophenyl-phenylether
Concen: 68.291 ng
RT: 15.70 min Scan# 2147
Delta R.T. 0.01 min
Lab File: BG043748.D
Acq: 22 Nov 2019 19:03

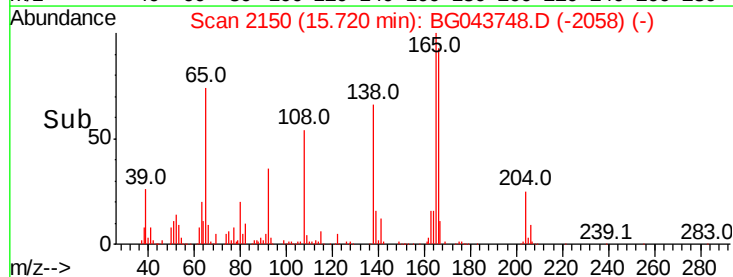
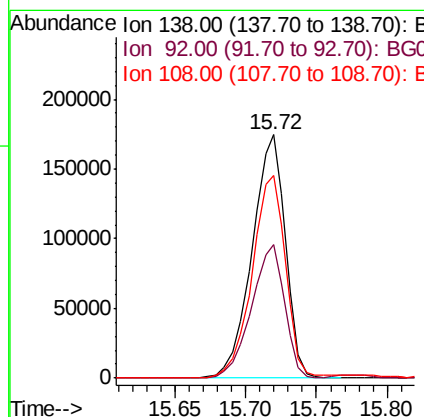
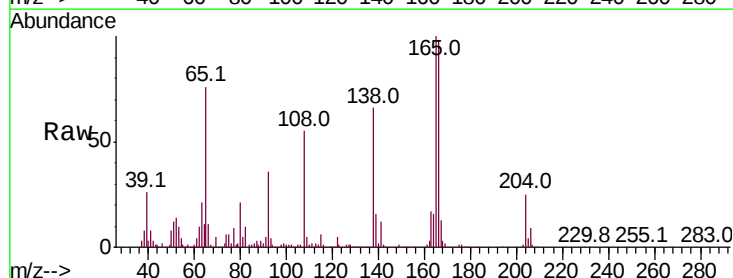
Instrument :
BNA_G
ClientSampled :

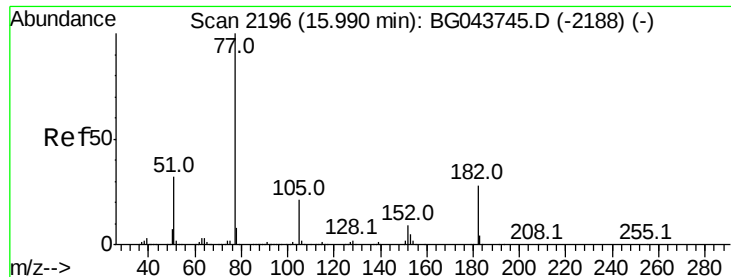
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.5	27.4	41.0
141	55.2	44.3	66.5



#62
4-Nitroaniline
Concen: 82.158 ng
RT: 15.72 min Scan# 2150
Delta R.T. 0.01 min
Lab File: BG043748.D
Acq: 22 Nov 2019 19:03

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.6	34.6	74.6
108	83.3	65.7	105.7





#63

Azobenzene

Concen: 83.825 ng

RT: 16.00 min Scan# 2197

Delta R.T. 0.01 min

Lab File: BG043748.D

Acq: 22 Nov 2019 19:03

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 1109593

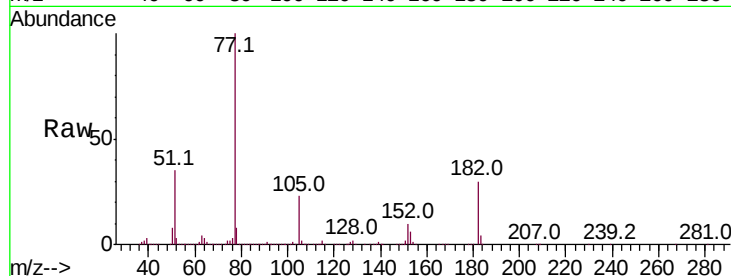
Ion Ratio Lower Upper

77 100

182 29.6 7.6 47.6

105 22.6 0.7 40.7

51 34.8 12.1 52.1

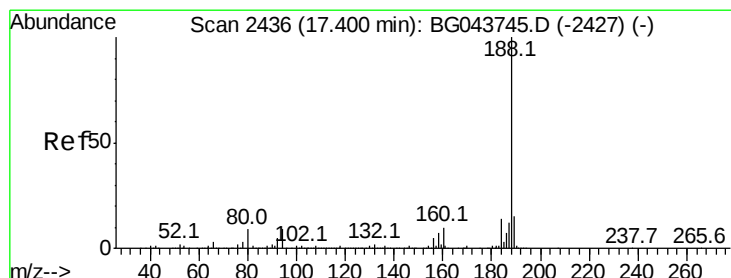
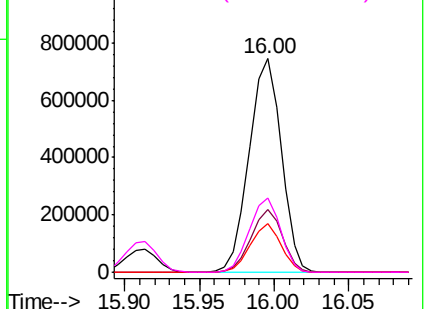
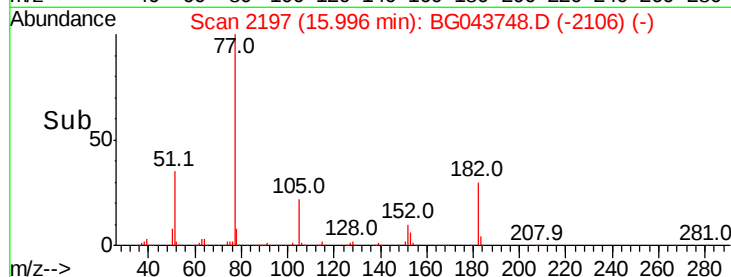


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG043748.D

Acq: 22 Nov 2019 19:03

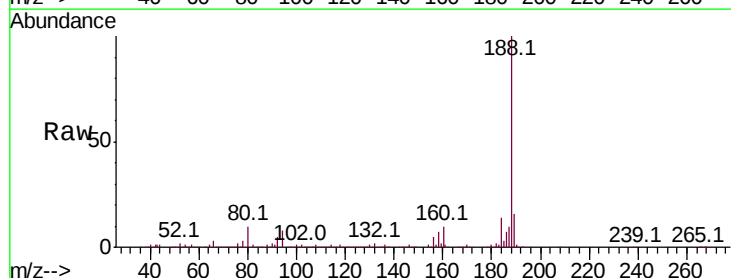
Tgt Ion: 188 Resp: 468903

Ion Ratio Lower Upper

188 100

94 8.3 6.9 10.3

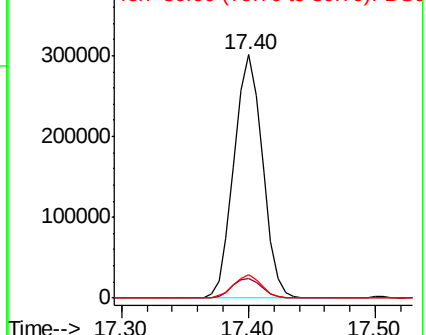
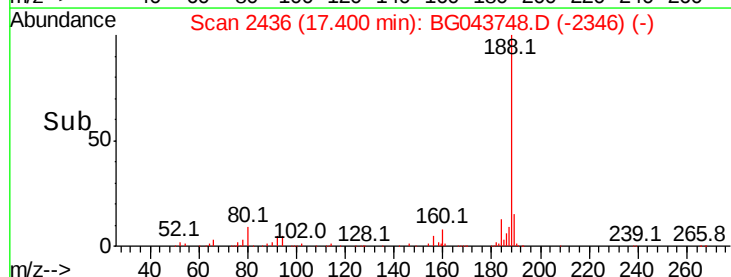
80 9.5 7.5 11.3

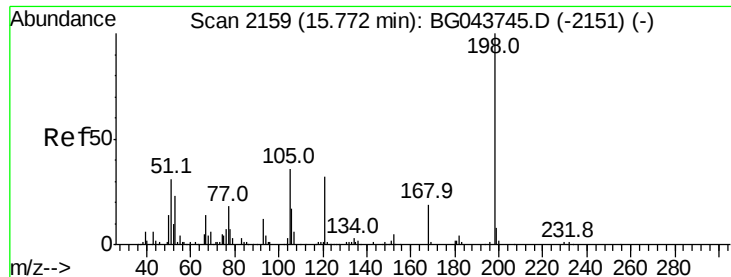


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

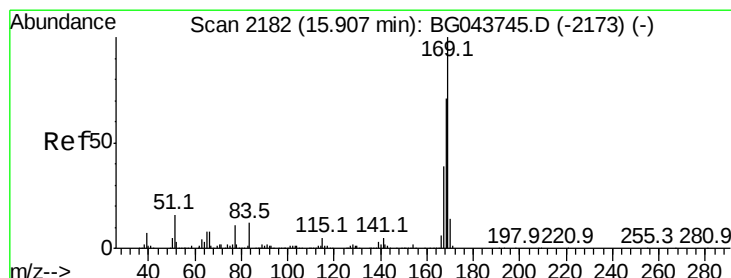
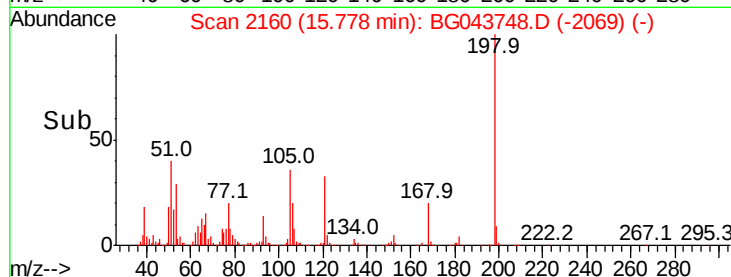
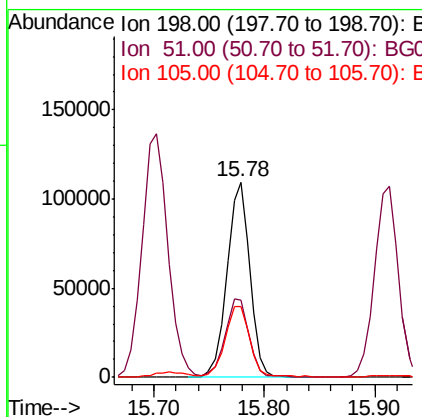
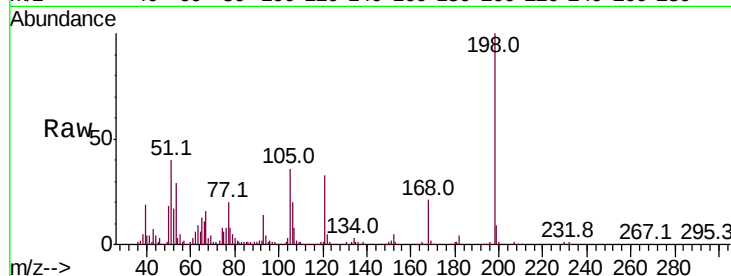




#65
4,6-Dinitro-2-methylphenol
Concen: 57.452 ng
RT: 15.78 min Scan# 2160
Delta R.T. 0.01 min
Lab File: BG043748.D
Acq: 22 Nov 2019 19:03

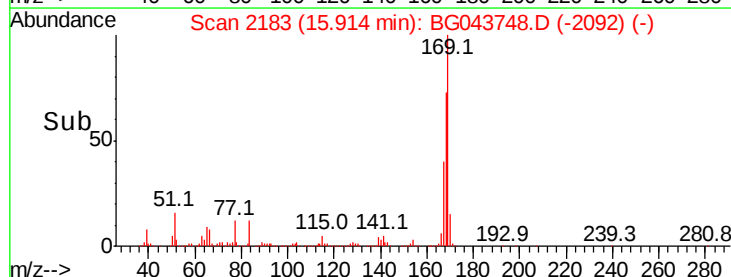
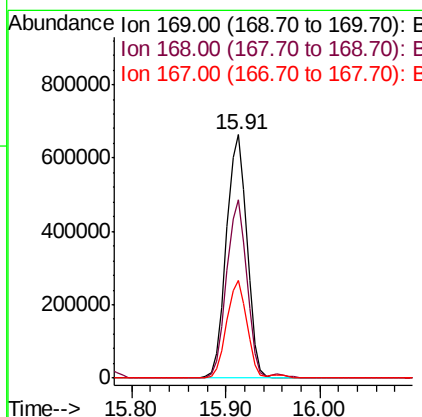
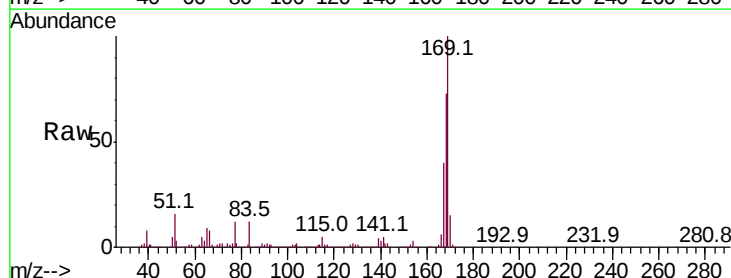
Instrument :
BNA_G
ClientSampleId :

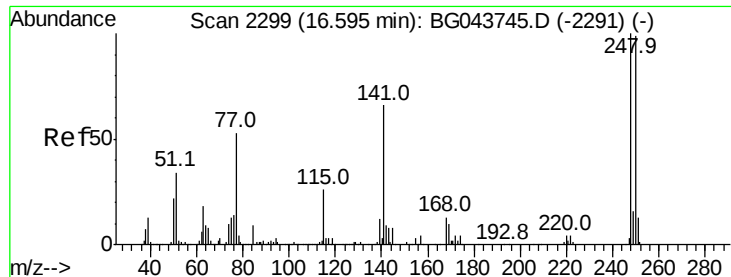
Tot Ion	Ratio	Lower	Upper
198	100		
51	39.8	16.8	56.8
105	36.2	17.3	57.3



#66
n-Nitrosodiphenylamine
Concen: 76.393 ng
RT: 15.91 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BG043748.D
Acq: 22 Nov 2019 19:03

Tgt Ion	Ratio	Lower	Upper
169	100		
168	73.1	56.6	85.0
167	40.1	30.8	46.2

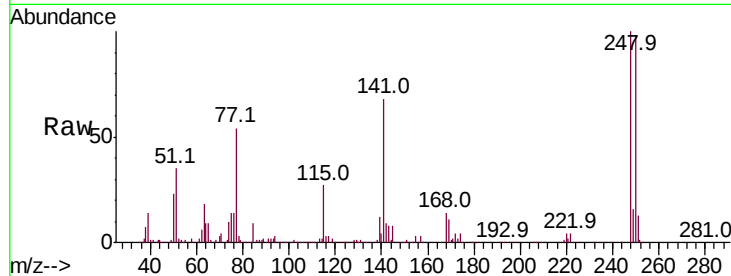




#67
 4-Bromophenyl-phenylether
 Concen: 66.136 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. 0.00 min
 Lab File: BG043748.D
 Acq: 22 Nov 2019 19:03

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.5	79.3	118.9
141	68.5	53.0	79.6

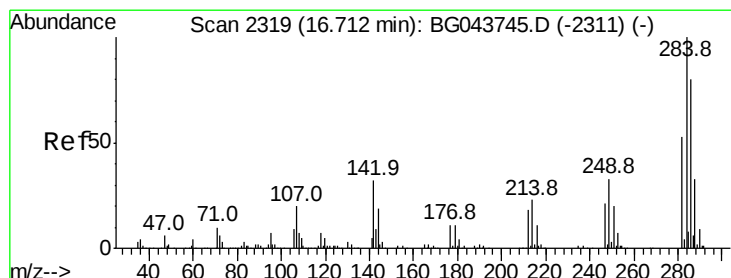
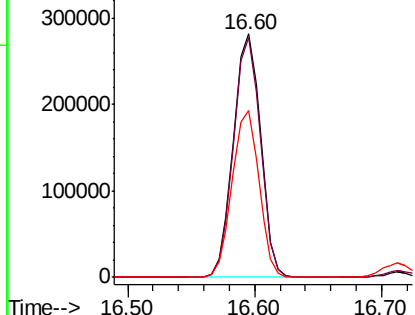
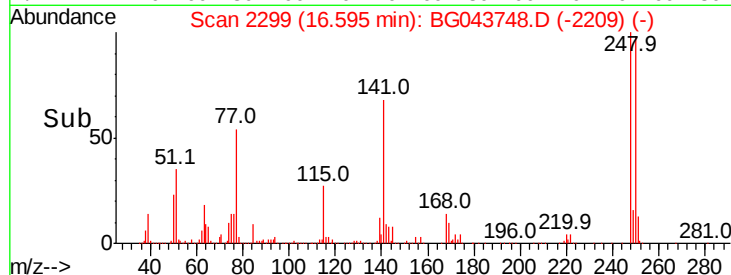


Abundance

Ion 248.00 (247.70 to 248.70): E

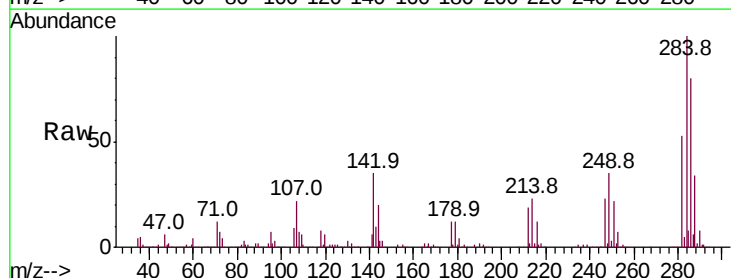
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 60.678 ng
 RT: 16.71 min Scan# 2319
 Delta R.T. 0.00 min
 Lab File: BG043748.D
 Acq: 22 Nov 2019 19:03

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.4	25.4	38.0
249	34.7	26.2	39.4

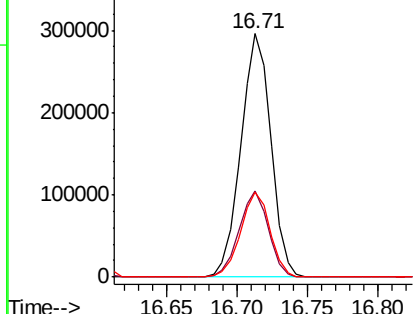
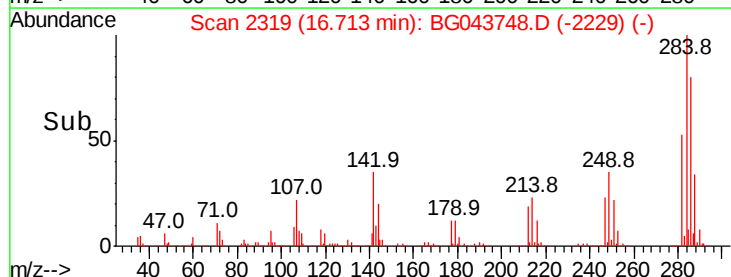


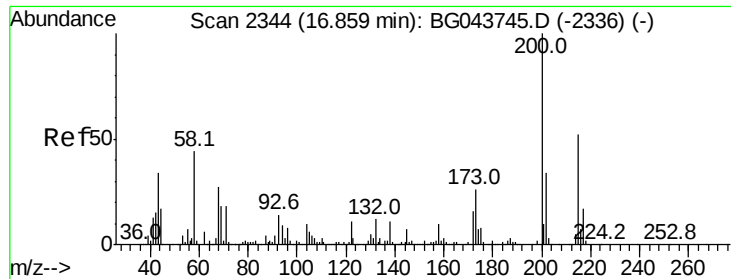
Abundance

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: 75.442 ng

RT: 16.86 min Scan# 2344

Delta R.T. 0.00 min

Lab File: BG043748.D

Acq: 22 Nov 2019 19:03

Instrument :

BNA_G

ClientSampleId :

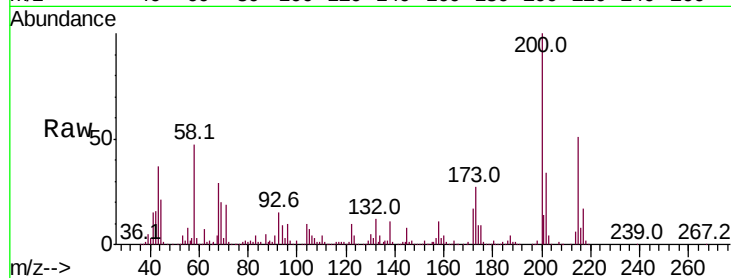
Tot Ion:200 Resp: 347038

Ion Ratio Lower Upper

200 100

173 27.2 6.0 46.0

215 50.6 32.4 72.4

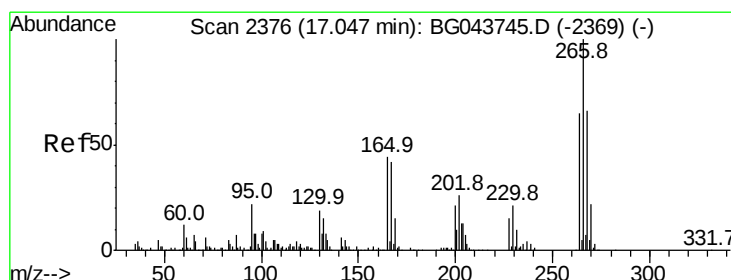
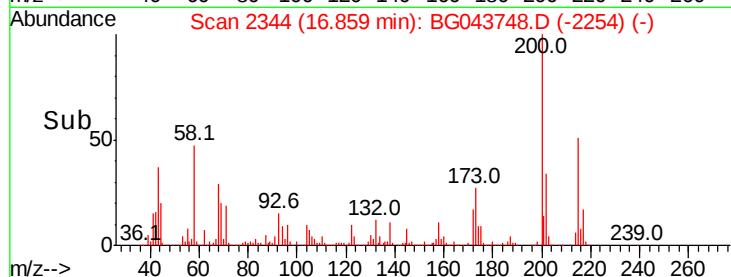
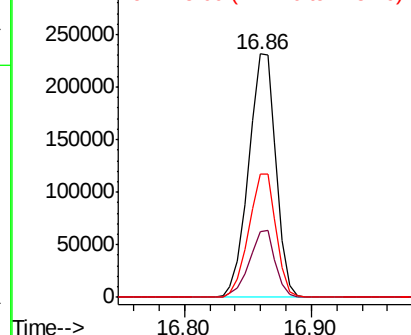


Abundance

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: 82.619 ng

RT: 17.05 min Scan# 2376

Delta R.T. 0.00 min

Lab File: BG043748.D

Acq: 22 Nov 2019 19:03

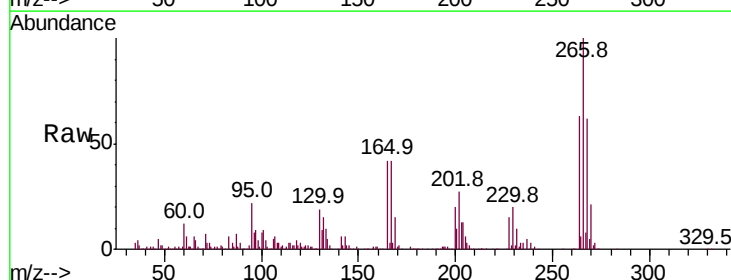
Tgt Ion:266 Resp: 272694

Ion Ratio Lower Upper

266 100

268 62.2 52.9 79.3

264 62.6 51.6 77.4

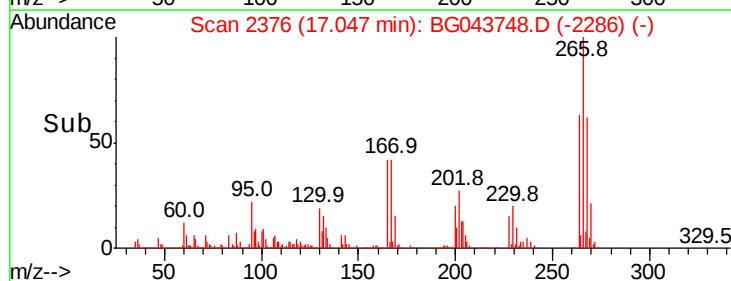
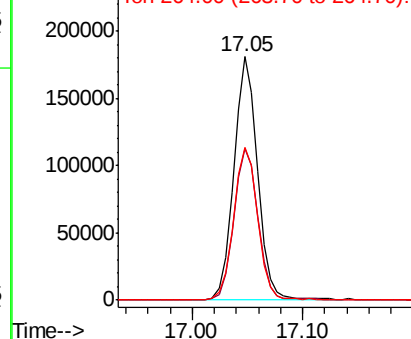


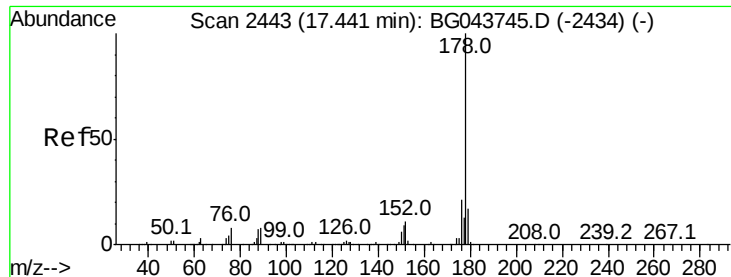
Abundance

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

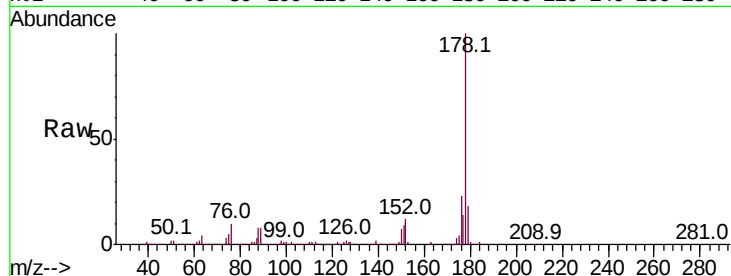




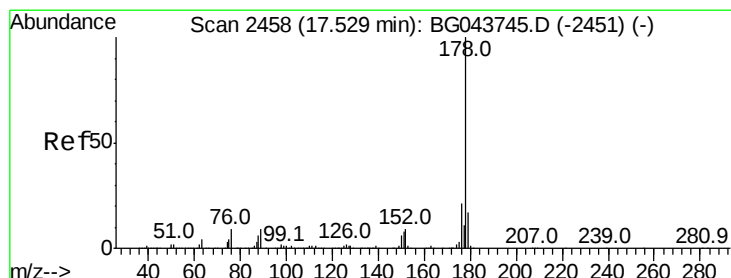
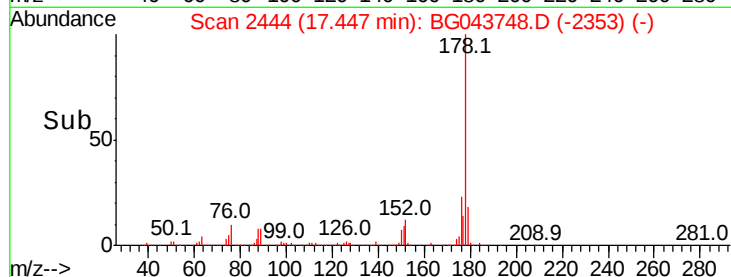
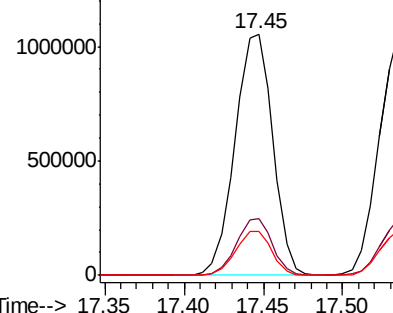
#71
Phenanthrene
Concen: 72.621 ng
RT: 17.45 min Scan# 2444
Delta R.T. 0.01 min
Lab File: BG043748.D
Acq: 22 Nov 2019 19:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 1743720
Ion Ratio Lower Upper
178 100
176 23.4 16.9 25.3
179 18.3 13.5 20.3

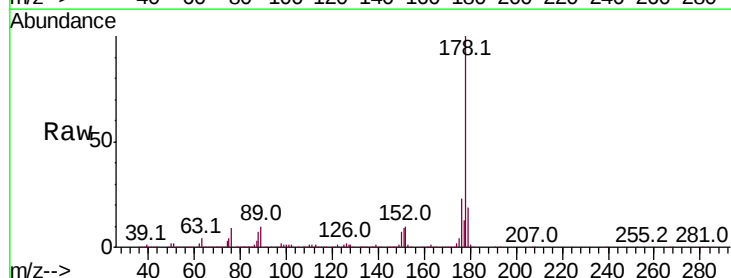


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

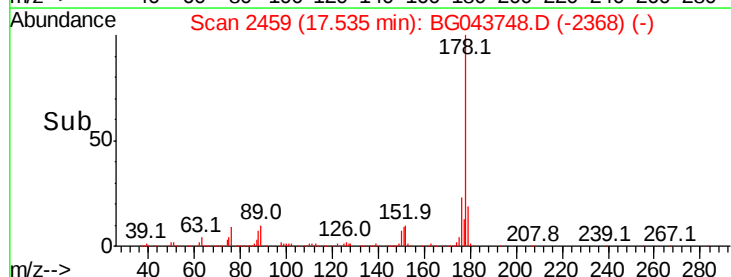
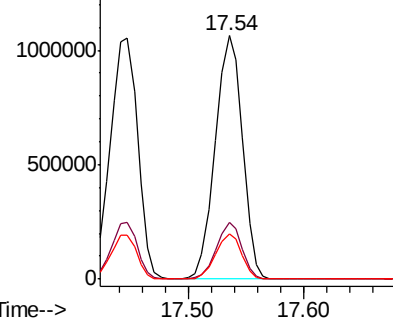


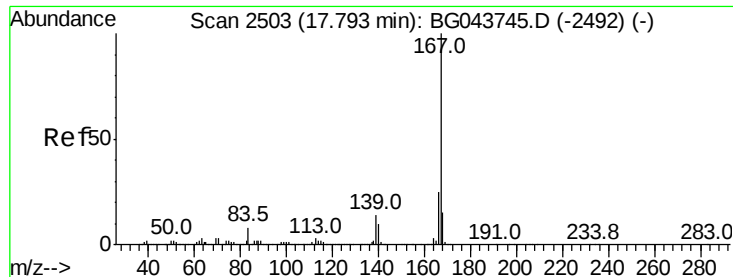
#72
Anthracene
Concen: 72.021 ng
RT: 17.54 min Scan# 2459
Delta R.T. 0.01 min
Lab File: BG043748.D
Acq: 22 Nov 2019 19:03

Tgt Ion:178 Resp: 1730218
Ion Ratio Lower Upper
178 100
176 23.2 16.5 24.7
179 18.7 13.4 20.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



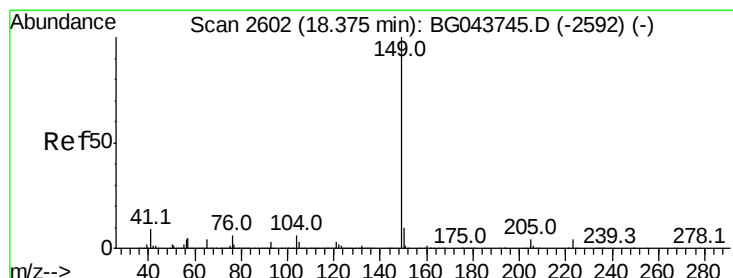
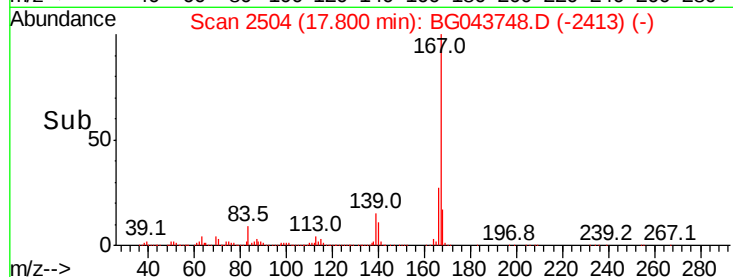
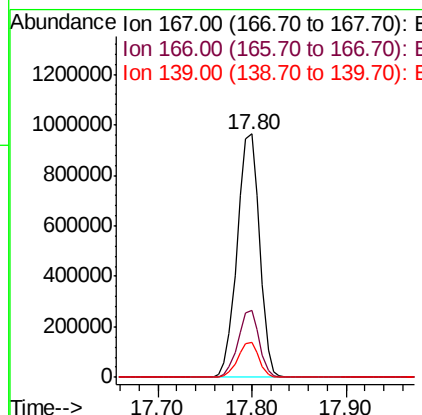
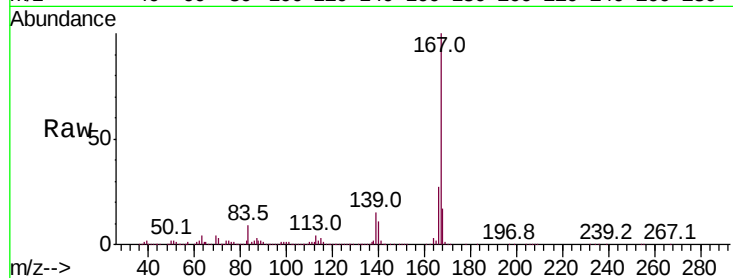


#73
 Carbazole
 Concen: 73.192 ng
 RT: 17.80 min Scan# 2504
 Delta R.T. 0.01 min
 Lab File: BG043748.D
 Acq: 22 Nov 2019 19:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:167 Resp: 1592326

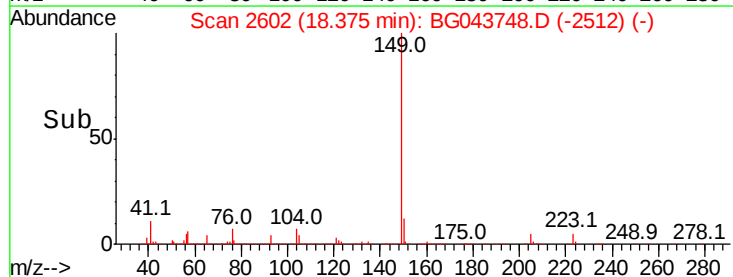
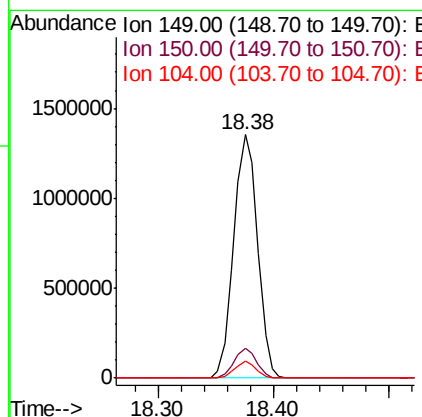
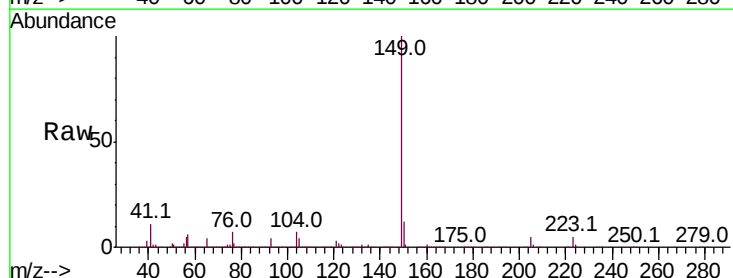
Ion	Ratio	Lower	Upper
167	100		
166	27.3	19.8	29.6
139	14.6	10.9	16.3

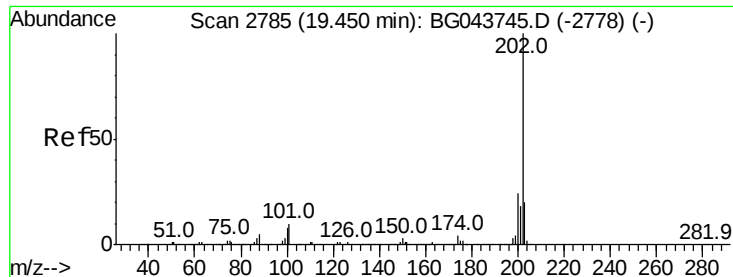


#74
 Di-n-butylphthalate
 Concen: 73.104 ng
 RT: 18.38 min Scan# 2602
 Delta R.T. 0.00 min
 Lab File: BG043748.D
 Acq: 22 Nov 2019 19:03

Tgt Ion:149 Resp: 1929720

Ion	Ratio	Lower	Upper
149	100		
150	12.5	8.4	12.6
104	6.8	4.6	7.0





#75

Fluoranthene

Concen: 66.136 ng

RT: 19.45 min Scan# 2785

Delta R.T. 0.00 min

Lab File: BG043748.D

Acq: 22 Nov 2019 19:03

Instrument :

BNA_G

ClientSampleId :

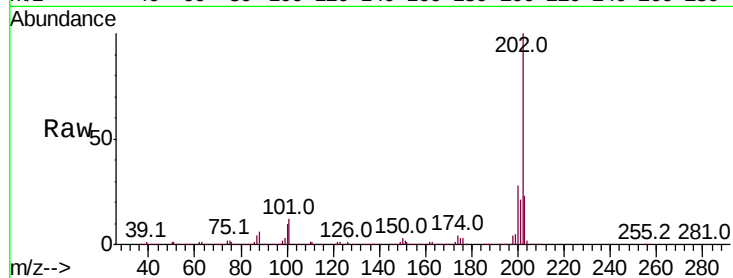
Tot Ion:202 Resp: 2070281

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	30.1
203	23.2	0.0	39.7

202 100

101 12.1 0.0 30.1

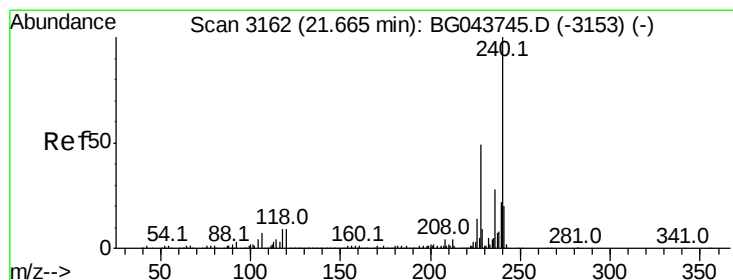
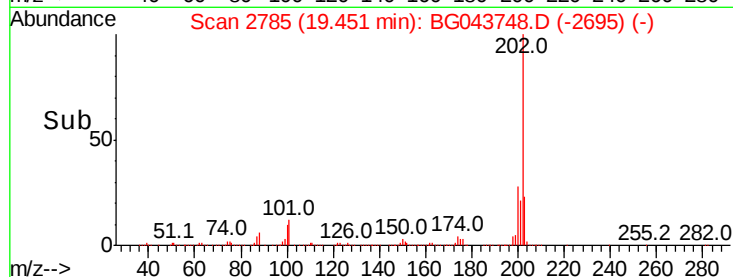
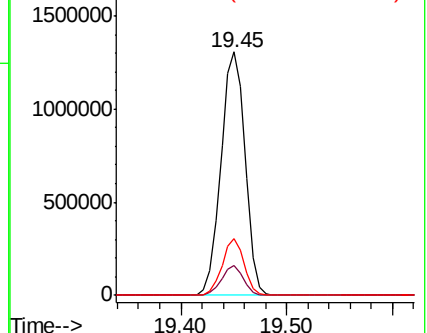
203 23.2 0.0 39.7



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: BG043748.D

Acq: 22 Nov 2019 19:03

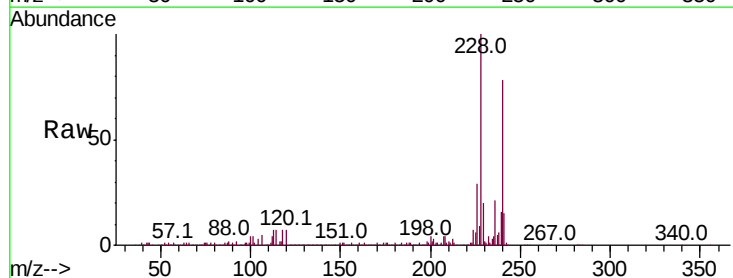
Tgt Ion:240 Resp: 420850

Ion	Ratio	Lower	Upper
240	100		
120	9.0	7.5	11.3
236	26.6	22.6	34.0

240 100

120 9.0 7.5 11.3

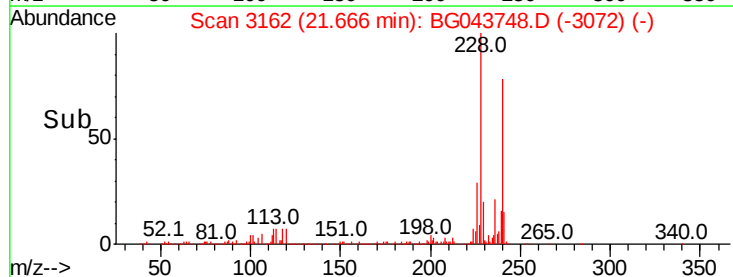
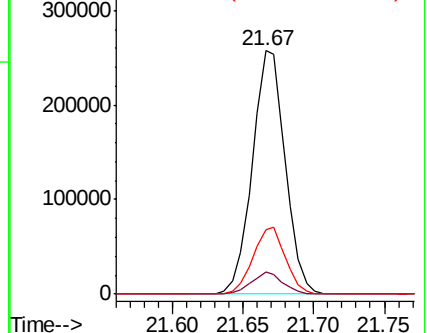
236 26.6 22.6 34.0

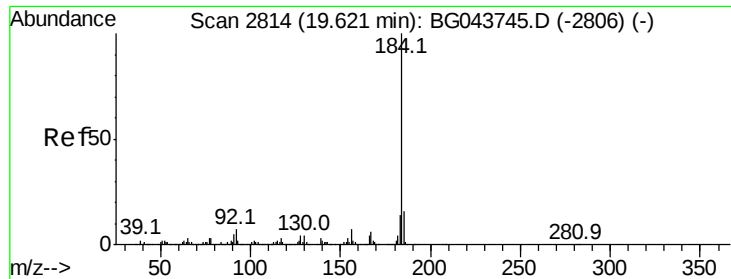


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

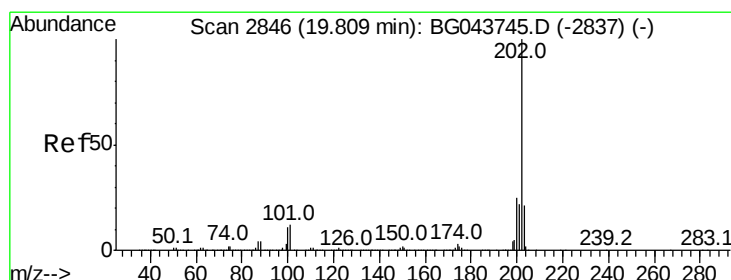
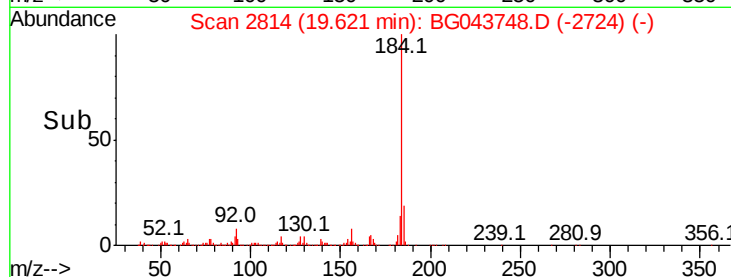
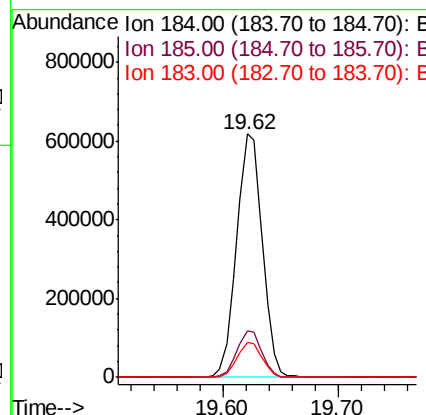
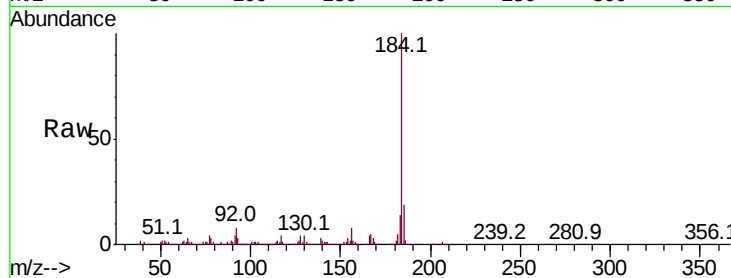




#77
Benzidine
Concen: 112.969 ng
RT: 19.62 min Scan# 2814
Delta R.T. 0.00 min
Lab File: BG043748.D
Acq: 22 Nov 2019 19:03

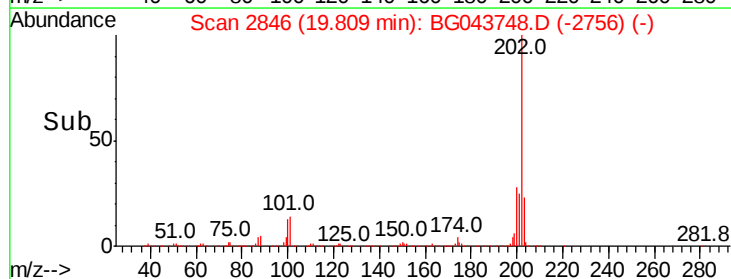
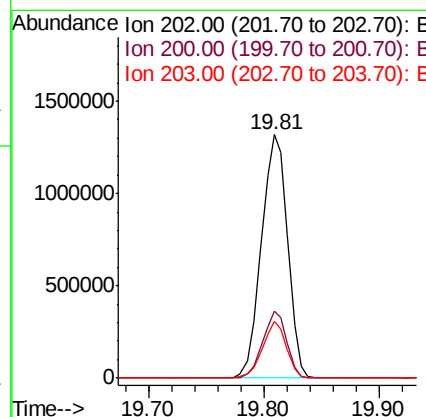
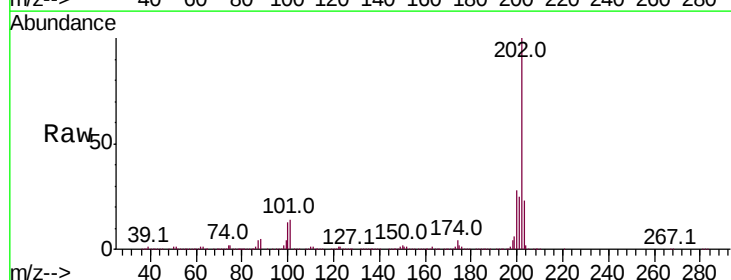
Instrument :
BNA_G
ClientSampleId :

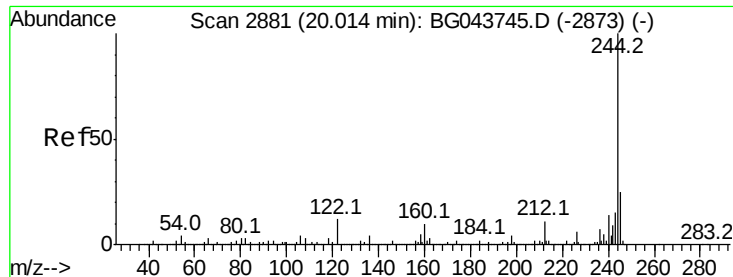
Tot Ion	Ratio	Lower	Upper
184	100		
185	19.1	12.8	19.2
183	14.4	11.3	16.9



#78
Pyrene
Concen: 79.772 ng
RT: 19.81 min Scan# 2846
Delta R.T. 0.00 min
Lab File: BG043748.D
Acq: 22 Nov 2019 19:03

Tgt Ion	Ratio	Lower	Upper
202	100		
200	27.5	19.8	29.6
203	23.2	16.6	24.8





#79

Terphenyl-d14

Concen: 120.406 ng

RT: 20.01 min Scan# 2881

Delta R.T. 0.00 min

Lab File: BG043748.D

Acq: 22 Nov 2019 19:03

Instrument :

BNA_G

ClientSampleId :

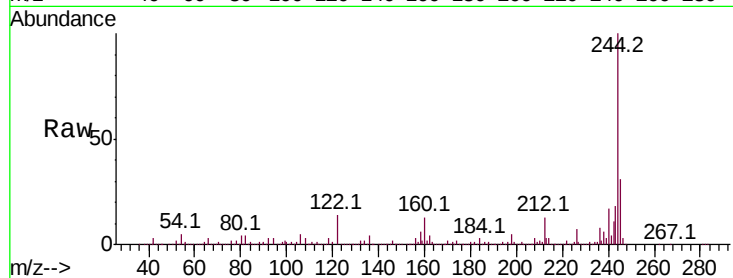
Tot Ion:244 Resp: 2701024

Ion Ratio Lower Upper

244 100

212 13.1 8.5 12.7#

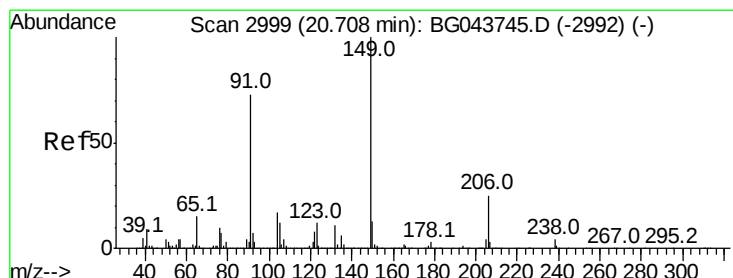
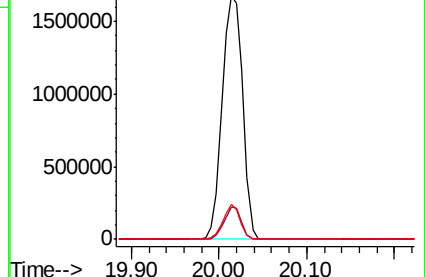
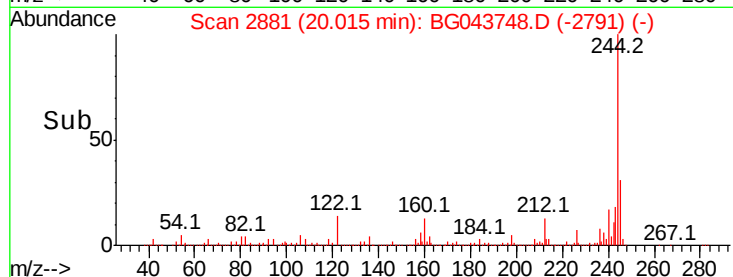
122 14.3 9.5 14.3#



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: 95.819 ng

RT: 20.71 min Scan# 2999

Delta R.T. 0.00 min

Lab File: BG043748.D

Acq: 22 Nov 2019 19:03

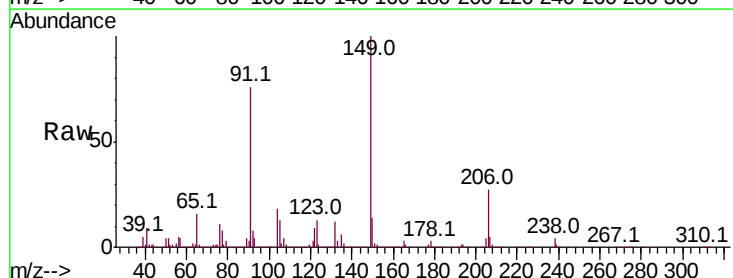
Tgt Ion:149 Resp: 945675

Ion Ratio Lower Upper

149 100

91 75.8 58.8 88.2

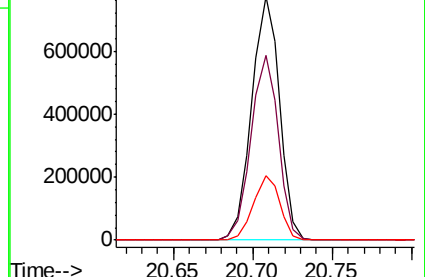
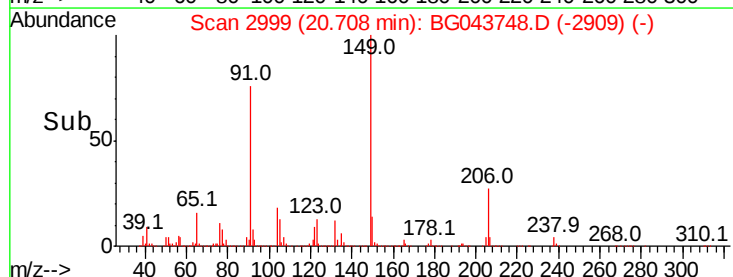
206 26.6 19.8 29.6

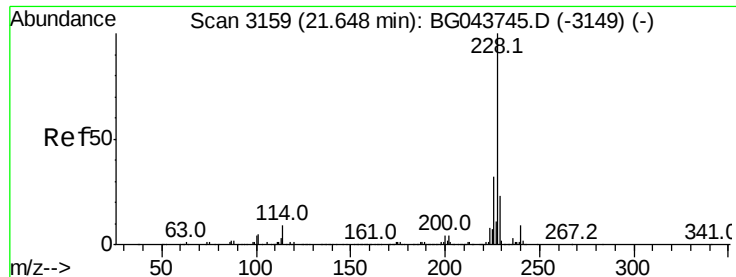


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 79.563 ng

RT: 21.65 min Scan# 3159

Delta R.T. 0.00 min

Lab File: BG043748.D

Acq: 22 Nov 2019 19:03

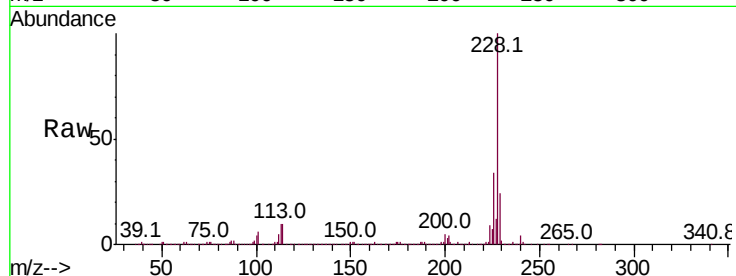
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 2097414

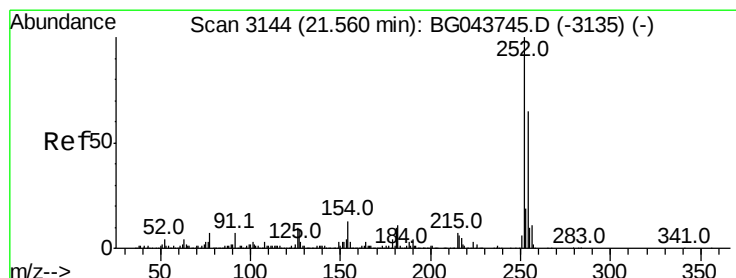
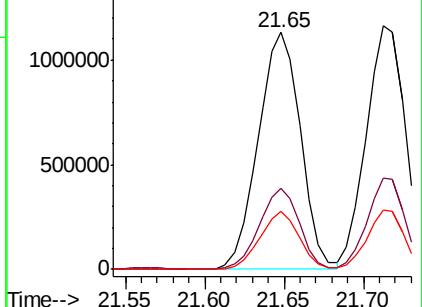
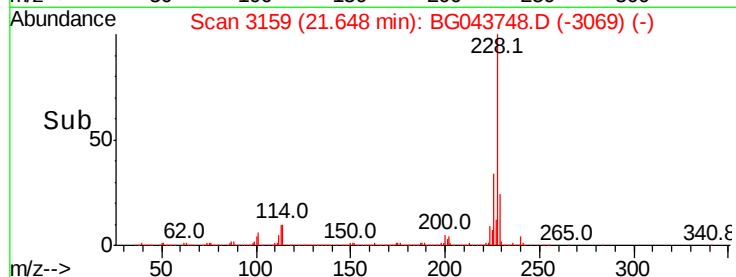
Ion	Ratio	Lower	Upper
228	100		
226	34.4	25.4	38.2
229	24.4	18.1	27.1



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: 78.174 ng

RT: 21.56 min Scan# 3144

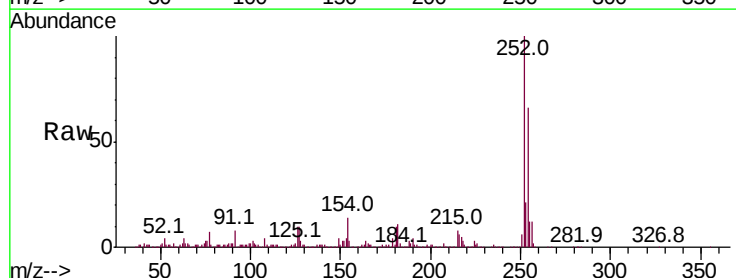
Delta R.T. 0.00 min

Lab File: BG043748.D

Acq: 22 Nov 2019 19:03

Tgt Ion:252 Resp: 797074

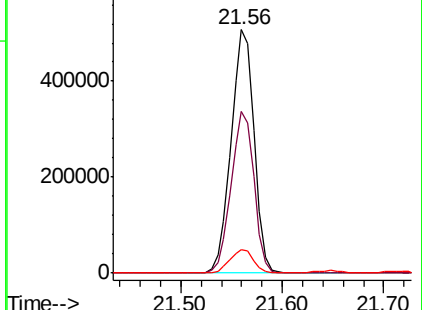
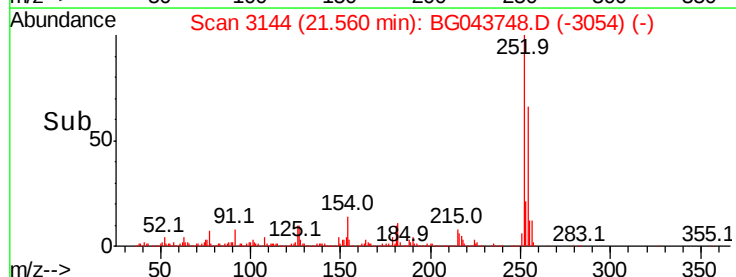
Ion	Ratio	Lower	Upper
252	100		
254	66.2	52.1	78.1
126	9.9	7.8	11.6

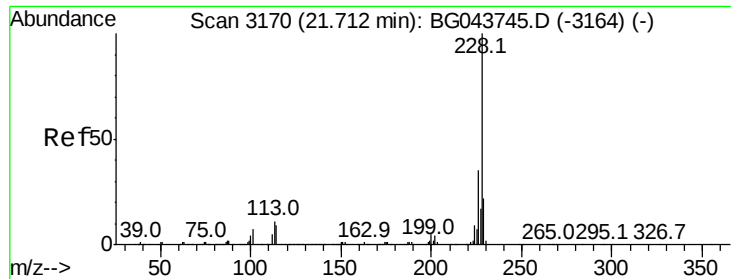


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



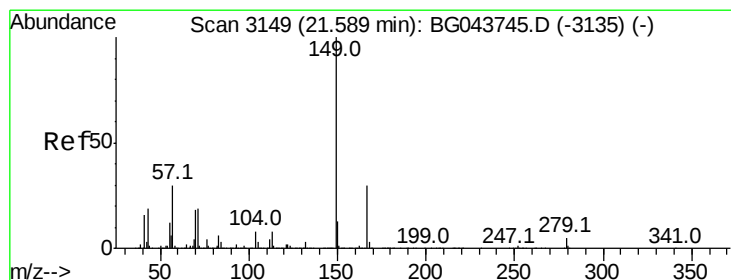
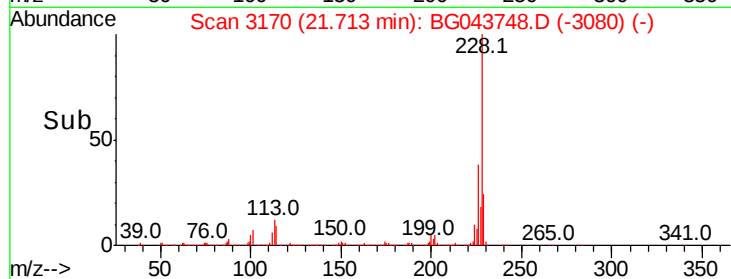
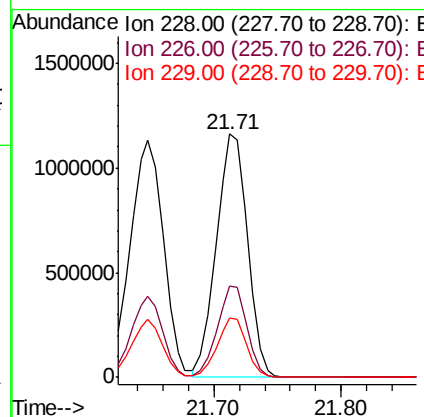
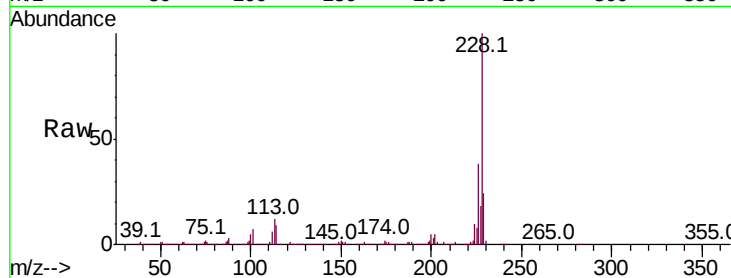


#83
 Chrvsene
 Concen: 75.802 ng
 RT: 21.71 min Scan# 3170
 Delta R.T. 0.00 min
 Lab File: BG043748.D
 Acq: 22 Nov 2019 19:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:228 Resp: 1985440

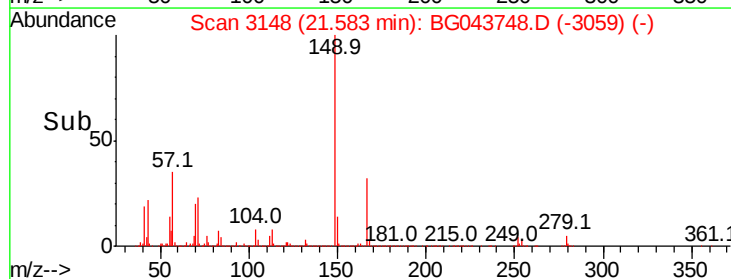
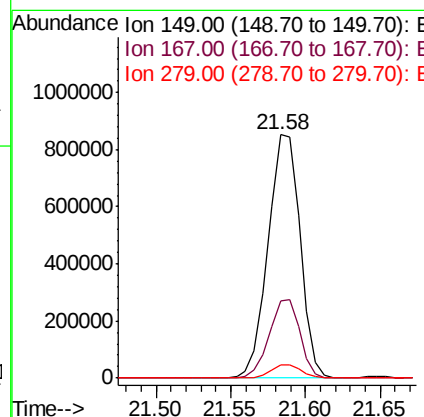
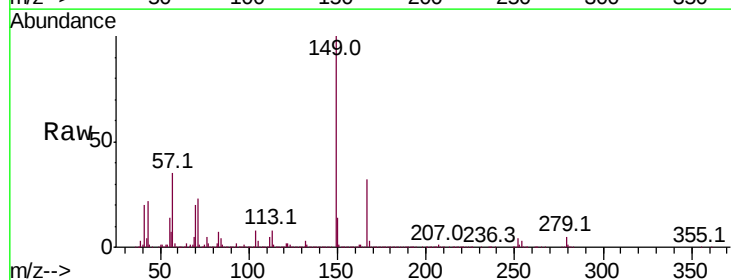
Ion	Ratio	Lower	Upper
228	100		
226	37.5	27.8	41.8
229	24.3	17.9	26.9

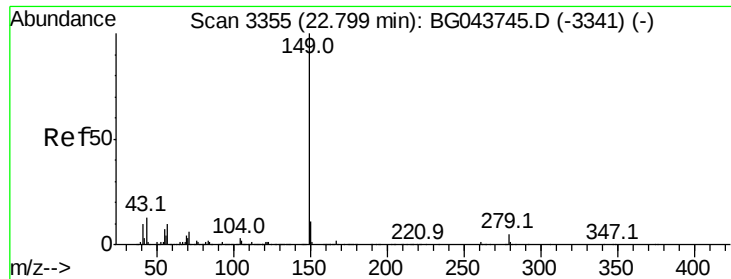


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 90.393 ng
 RT: 21.58 min Scan# 3148
 Delta R.T. -0.01 min
 Lab File: BG043748.D
 Acq: 22 Nov 2019 19:03

Tgt Ion:149 Resp: 1267272

Ion	Ratio	Lower	Upper
149	100		
167	31.7	23.8	35.6
279	5.2	4.0	6.0





#85

Di-n-octyl phthalate

Concen: 92.794 ng

RT: 22.80 min Scan# 3355

Delta R.T. 0.00 min

Lab File: BG043748.D

Acq: 22 Nov 2019 19:03

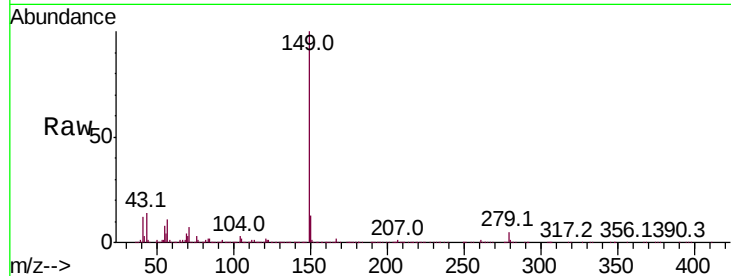
Instrument :

BNA_G

ClientSampleId :

Tot Ion:149 Resp: 2207117

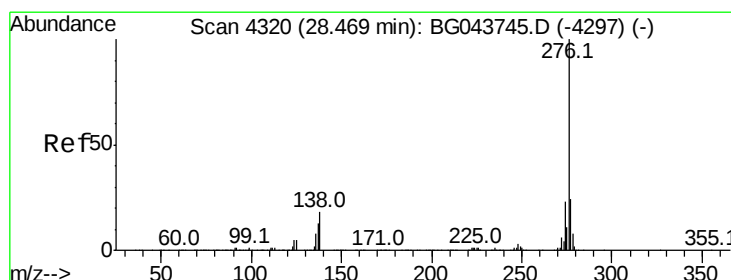
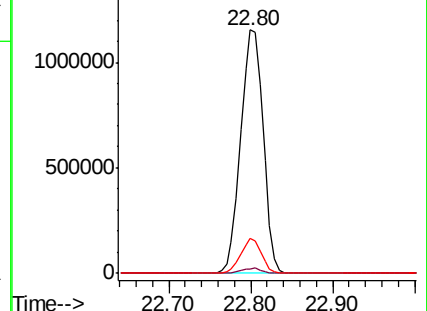
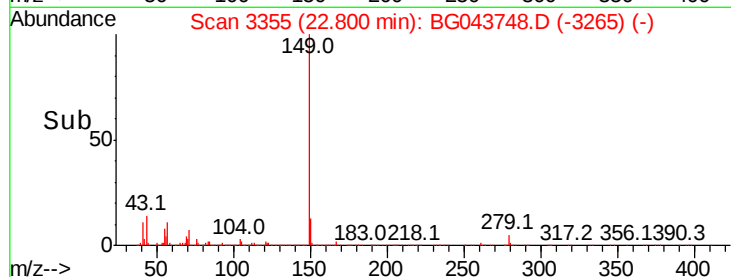
Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.0
43	12.9	9.8	14.6



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: 80.333 ng

RT: 28.49 min Scan# 4324

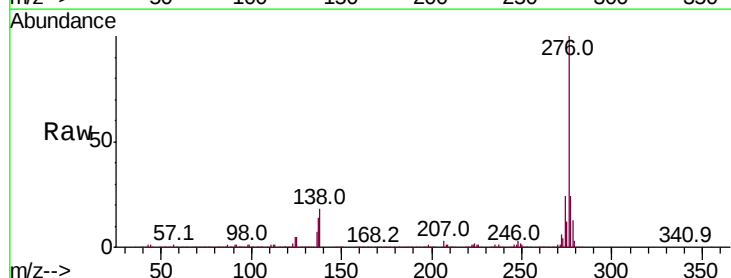
Delta R.T. 0.02 min

Lab File: BG043748.D

Acq: 22 Nov 2019 19:03

Tgt Ion:276 Resp: 2641194

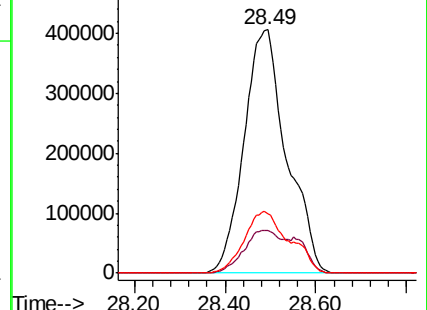
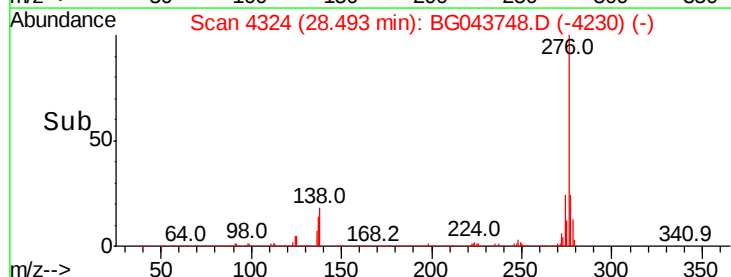
Ion	Ratio	Lower	Upper
276	100		
138	15.7	14.5	21.7
277	26.8	21.1	31.7

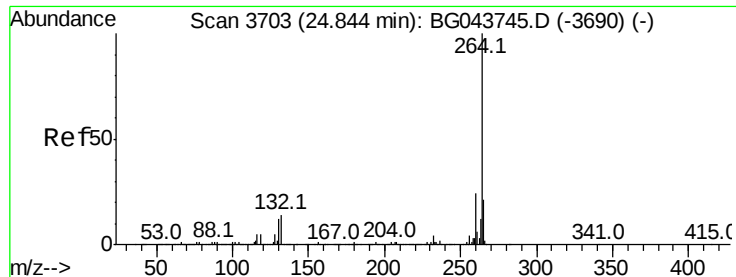


Abundance Ion 276.00 (275.70 to 276.70): E

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# 3704

Delta R.T. 0.01 min

Lab File: BG043748.D

Acq: 22 Nov 2019 19:03

Instrument :

BNA_G

ClientSampleId :

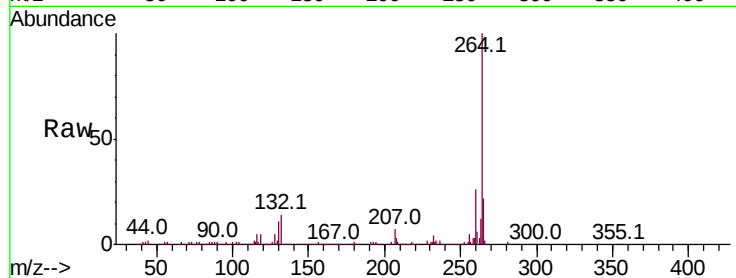
Tot Ion:264 Resp: 491715

Ion Ratio Lower Upper

264 100

260 25.9 19.4 29.2

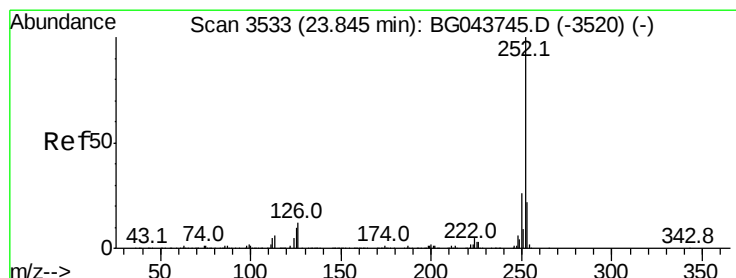
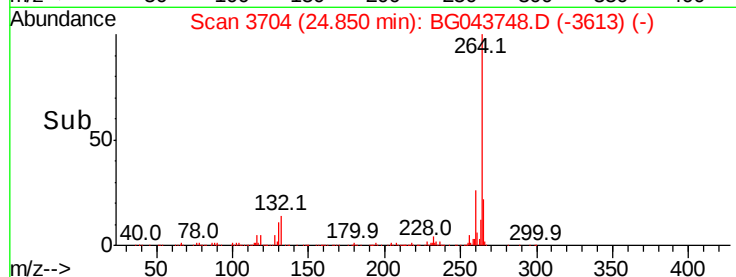
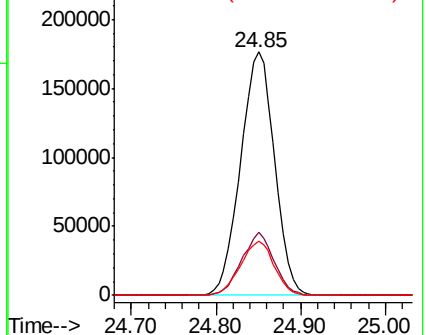
265 22.2 17.0 25.6



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: 78.351 ng

RT: 23.85 min Scan# 3534

Delta R.T. 0.01 min

Lab File: BG043748.D

Acq: 22 Nov 2019 19:03

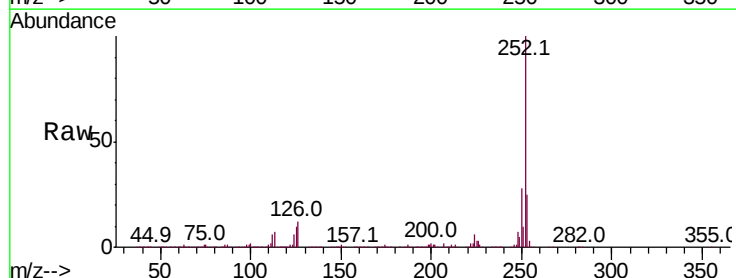
Tgt Ion:252 Resp: 2182007

Ion Ratio Lower Upper

252 100

253 24.7 17.7 26.5

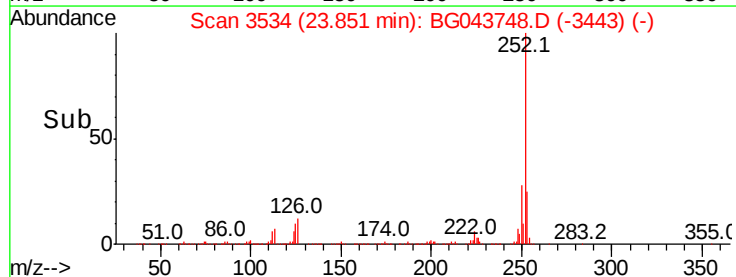
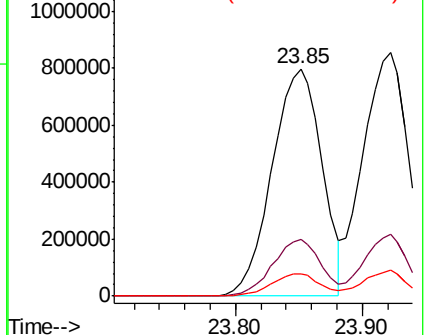
125 9.9 8.0 12.0

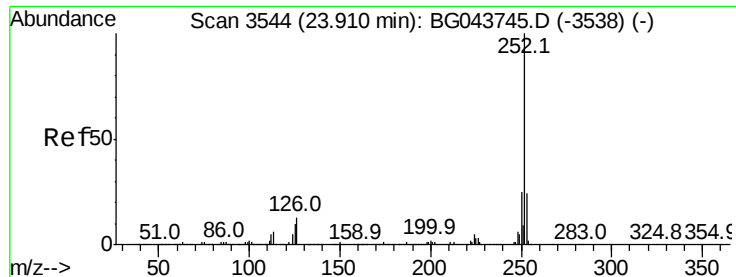


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

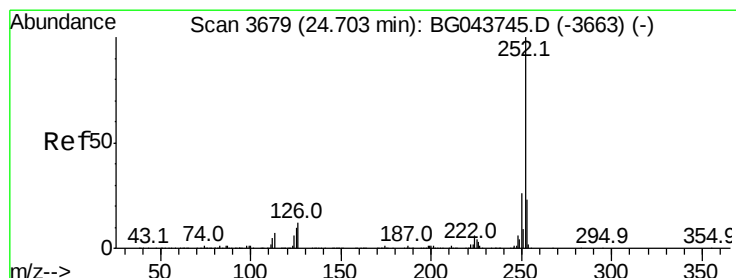
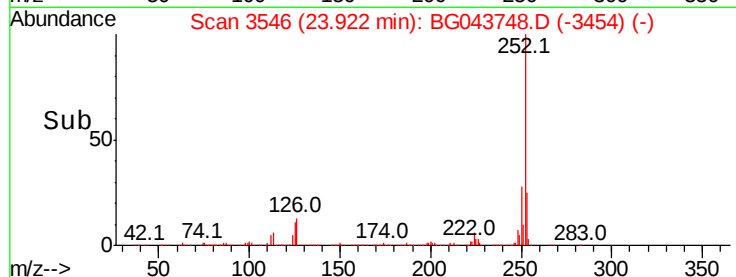
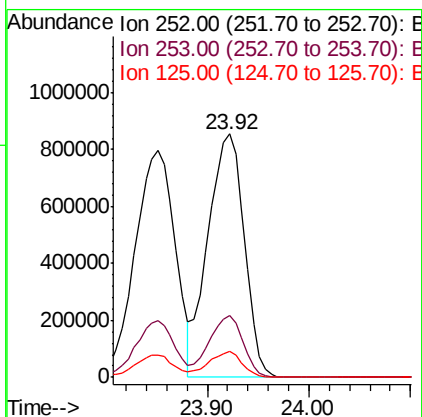
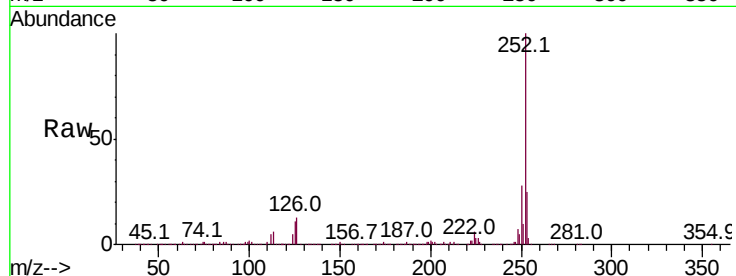




#89
Benzo(k)fluoranthene
Concen: 75.532 ng
RT: 23.92 min Scan# 3546
Delta R.T. 0.01 min
Lab File: BG043748.D
Acq: 22 Nov 2019 19:03

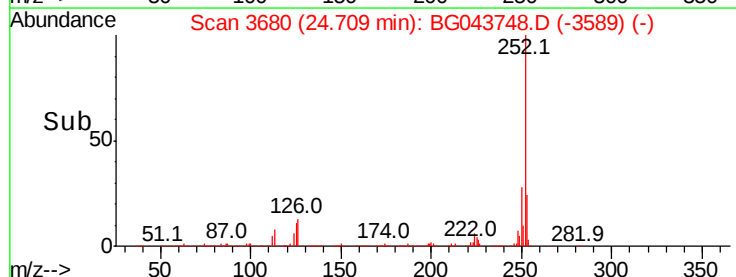
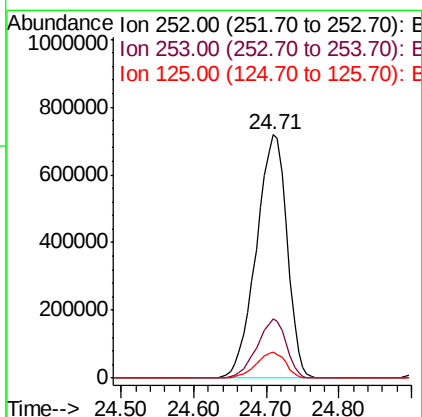
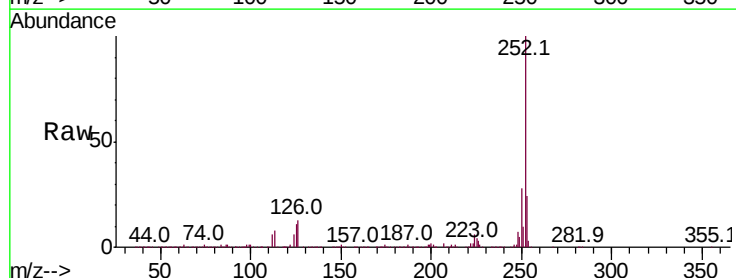
Instrument :
BNA_G
ClientSampleId :

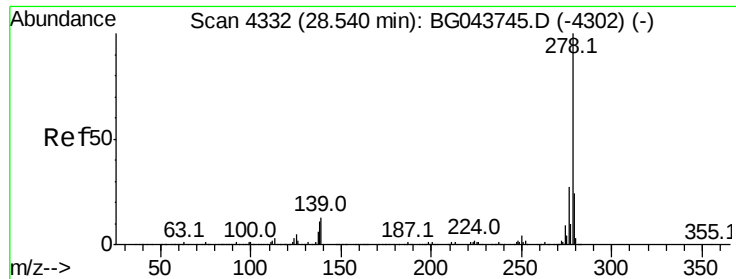
Tot Ion:252 Resp: 2117623
Ion Ratio Lower Upper
252 100
253 25.2 18.8 28.2
125 10.5 7.7 11.5



#90
Benzo(a)pyrene
Concen: 79.361 ng
RT: 24.71 min Scan# 3680
Delta R.T. 0.01 min
Lab File: BG043748.D
Acq: 22 Nov 2019 19:03

Tgt Ion:252 Resp: 2110520
Ion Ratio Lower Upper
252 100
253 24.3 18.2 27.4
125 10.7 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 77.105 ng

RT: 28.56 min Scan# 4335

Delta R.T. 0.02 min

Lab File: BG043748.D

Acq: 22 Nov 2019 19:03

Instrument :

BNA_G

ClientSampleId :

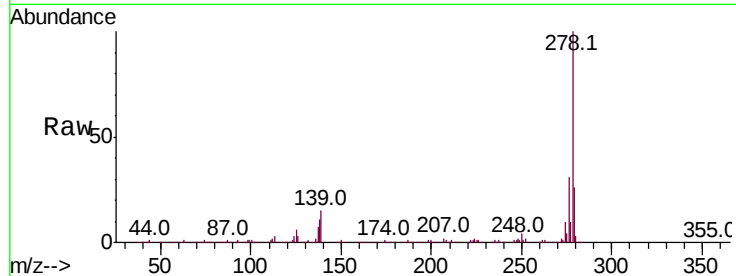
Tot Ion:278 Resp: 2097382

Ion Ratio Lower Upper

278 100

139 14.9 10.4 15.6

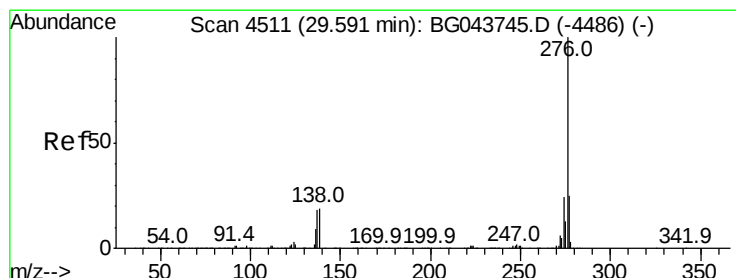
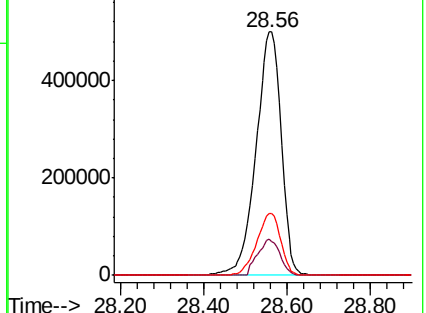
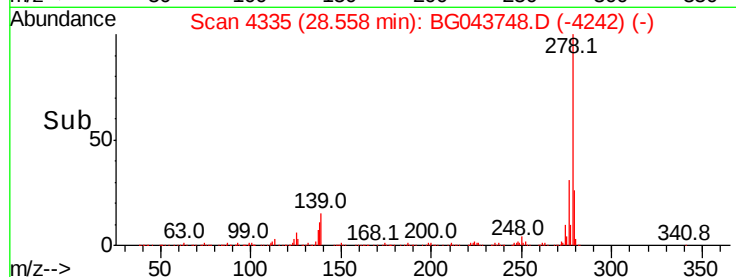
279 25.6 19.3 28.9



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: 78.467 ng

RT: 29.62 min Scan# 4516

Delta R.T. 0.03 min

Lab File: BG043748.D

Acq: 22 Nov 2019 19:03

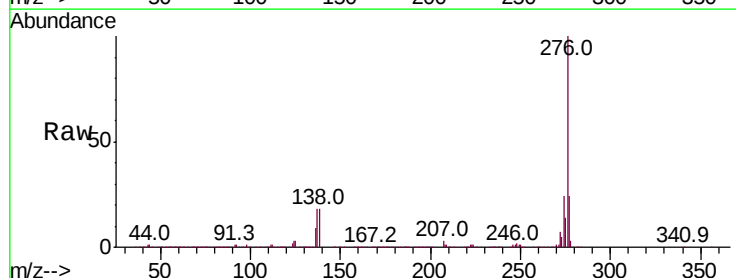
Tgt Ion:276 Resp: 2105402

Ion Ratio Lower Upper

276 100

277 24.5 19.7 29.5

138 18.4 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

