

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
 Data File : BG043407.D
 Acq On : 30 Oct 2019 19:16
 Operator : JU
 Sample : K5543-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 31 05:09:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	39792	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	157565	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	116656	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	272299	20.00	ng	0.00
76) Chrysene-d12	21.66	240	305752	20.00	ng	0.00
87) Perylene-d12	24.85	264	358588	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	238064	109.63	ng	0.00
7) Phenol-d6	7.21	99	344780	110.35	ng	0.00
23) Nitrobenzene-d5	9.18	82	206196	67.47	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	225667	101.65	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	564731	66.89	ng	0.00
79) Terphenyl-d14	20.01	244	1160883	71.23	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.48	88	31515	37.242	ng	# 87
3) Pyridine	3.88	79	81580	38.217	ng	97
4) n-Nitrosodimethylamine	3.80	42	50171	46.577	ng	87
6) Aniline	7.35	93	138044	38.355	ng	96
8) 2-Chlorophenol	7.60	128	117807	49.145	ng	97
9) Benzaldehyde	7.16	77	61089	39.787	ng	86
10) Phenol	7.24	94	154667	54.175	ng	99
11) bis(2-Chloroethyl)ether	7.44	93	95936	43.463	ng	96
12) 1,3-Dichlorobenzene	7.91	146	129574	43.143	ng	96
13) 1,4-Dichlorobenzene	8.05	146	129542	42.631	ng	99
14) 1,2-Dichlorobenzene	8.38	146	128221	43.216	ng	98
15) Benzyl Alcohol	8.27	79	107119	48.819	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.55	45	130764	40.742	ng	94
17) 2-Methylphenol	8.48	107	99400	47.759	ng	98
18) Hexachloroethane	9.10	117	46262	42.197	ng	93
19) n-Nitroso-di-n-propylamine	8.82	70	89686	44.424	ng	100
20) 3+4-Methylphenols	8.81	107	138377	48.486	ng	93
22) Acetophenone	8.84	105	173663	43.038	ng	# 98
24) Nitrobenzene	9.22	77	135259	46.458	ng	98
25) Isophorone	9.75	82	254498	45.546	ng	97
26) 2-Nitrophenol	9.94	139	72431	51.530	ng	92
27) 2,4-Dimethylphenol	10.01	122	113229	56.204	ng	99
28) bis(2-Chloroethoxy)methane	10.23	93	134840	43.723	ng	95
29) 2,4-Dichlorophenol	10.49	162	130316	50.486	ng	90
30) 1,2,4-Trichlorobenzene	10.69	180	139728	42.949	ng	98
31) Naphthalene	10.87	128	368371	46.058	ng	99
32) Benzoic acid	10.18	122	64672	43.165	ng	93
33) 4-Chloroaniline	11.00	127	75377	22.992	ng	96
34) Hexachlorobutadiene	11.16	225	103244	42.930	ng	90
35) Caprolactam	11.81	113	21293	23.952	ng	90
36) 4-Chloro-3-methylphenol	12.13	107	140420	49.872	ng	97
37) 2-Methylnaphthalene	12.48	142	290024	47.261	ng	96
38) 1-Methylnaphthalene	12.70	142	270822	46.383	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	184131	42.650	ng	# 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	231758	102.191	ng	98
43) 2,4,6-Trichlorophenol	13.09	196	124937	49.140	ng	95
44) 2,4,5-Trichlorophenol	13.17	196	127788	49.715	ng	96
46) 1,1'-Biphenyl	13.48	154	393322	44.320	ng	98
47) 2-Chloronaphthalene	13.52	162	300143	44.450	ng	99
48) 2-Nitroaniline	13.74	65	93181	46.172	ng	99
49) Acenaphthylene	14.37	152	495625	47.161	ng	98
50) Dimethylphthalate	14.11	163	464852	51.445	ng	98
51) 2,6-Dinitrotoluene	14.22	165	92906	47.328	ng	95
52) Acenaphthene	14.71	154	293496	45.796	ng	99
53) 3-Nitroaniline	14.56	138	58643	30.942	ng	94
54) 2,4-Dinitrophenol	14.76	184	99921	81.377	ng	96
55) Dibenzofuran	15.05	168	482539	46.430	ng	100
56) 4-Nitrophenol	14.89	139	133824	105.368	ng	100
57) 2,4-Dinitrotoluene	15.01	165	131218	46.774	ng	97
58) Fluorene	15.70	166	404825	46.442	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.28	232	132302	48.446	ng	# 97
60) Diethylphthalate	15.46	149	403638	44.458	ng	99
61) 4-Chlorophenyl-phenylether	15.69	204	230836	45.394	ng	95
62) 4-Nitroaniline	15.73	138	86298	44.090	ng	94
63) Azobenzene	15.98	77	342500	46.612	ng	97
65) 4,6-Dinitro-2-methylphenol	15.78	198	81730	51.002	ng	91
66) n-Nitrosodiphenylamine	15.90	169	360684	46.917	ng	99
67) 4-Bromophenyl-phenylether	16.58	248	164187	44.804	ng	96
68) Hexachlorobenzene	16.70	284	186197	44.265	ng	99
69) Atrazine	16.85	200	154362	57.785	ng	97
70) Pentachlorophenol	17.06	266	203474	106.158	ng	95
71) Phenanthrene	17.44	178	640284	45.919	ng	100
72) Anthracene	17.53	178	662327	47.475	ng	99
73) Carbazole	17.80	167	600479	47.530	ng	98
74) Di-n-butylphthalate	18.35	149	703533	45.895	ng	98
75) Fluoranthene	19.45	202	866922	47.690	ng	99
77) Benzidine	19.63	184	338114	54.948	ng	98
78) Pyrene	19.81	202	861508	45.521	ng	99
80) Butylbenzylphthalate	20.69	149	332037	46.308	ng	99
81) Benzo(a)anthracene	21.64	228	900894	47.039	ng	99
82) 3,3'-Dichlorobenzidine	21.56	252	248544	33.552	ng	95
83) Chrysene	21.71	228	876216	46.046	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	481582	47.282	ng	98
85) Di-n-octyl phthalate	22.74	149	833637	48.242	ng	100
86) Indeno(1,2,3-cd)pyrene	28.50	276	1166550	48.838	ng	# 96
88) Benzo(b)fluoranthene	23.84	252	957848	47.163	ng	98
89) Benzo(k)fluoranthene	23.91	252	963718	47.136	ng	98
90) Benzo(a)pyrene	24.71	252	901144	46.465	ng	99
91) Dibenzo(a,h)anthracene	28.55	278	980379	49.421	ng	98
92) Benzo(g,h,i)perylene	29.64	276	975467	49.852	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.02 min Scan# 839

Delta R.T. -0.01 min

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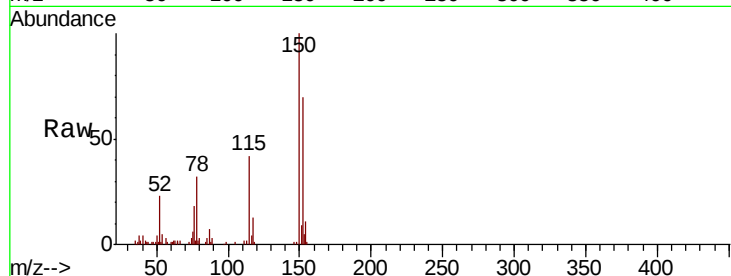
Tot Ion:152 Resp: 39792

Ion Ratio Lower Upper

152 100

150 143.7 113.6 170.4

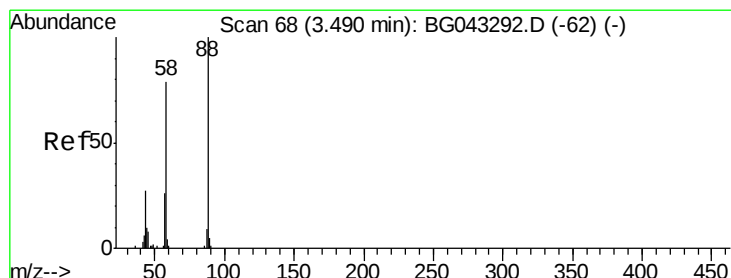
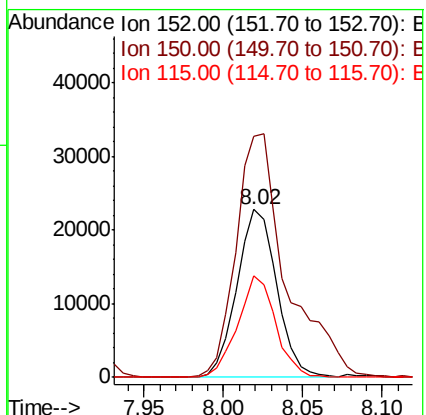
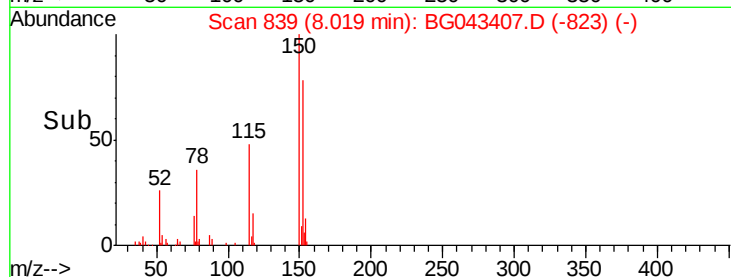
115 60.8 45.9 68.9



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: 37.242 ng

RT: 3.48 min Scan# 67

Delta R.T. -0.01 min

Lab File: BG043407.D

Acq: 30 Oct 2019 19:16

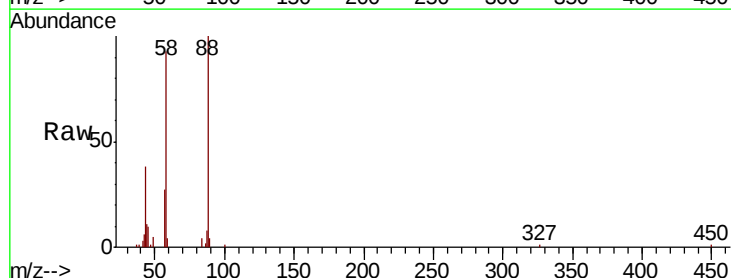
Tgt Ion: 88 Resp: 31515

Ion Ratio Lower Upper

88 100

58 85.4 60.2 90.2

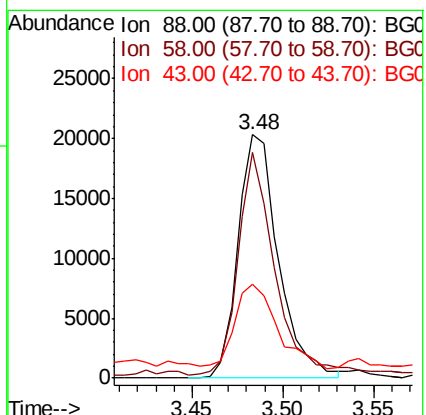
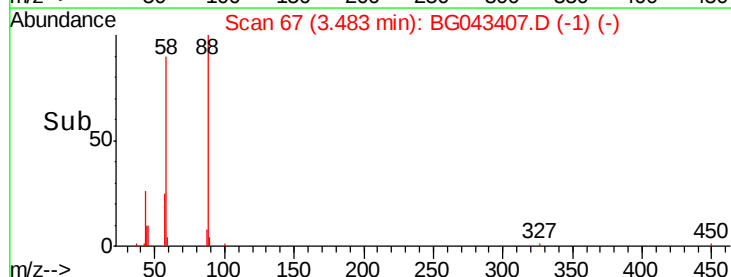
43 35.8 22.7 34.1#

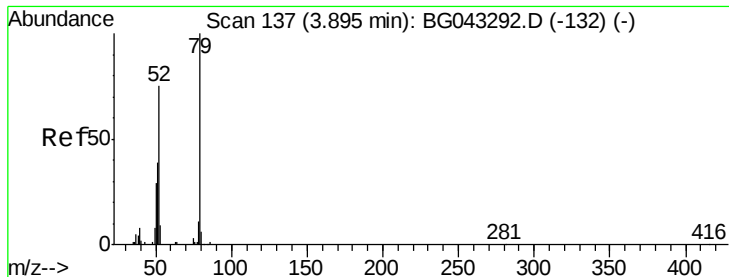


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 38.217 ng

RT: 3.88 min Scan# 135

Delta R.T. -0.01 min

Lab File: BG043407.D

Acq: 30 Oct 2019 19:16

Instrument :

BNA_G

ClientSampleId :

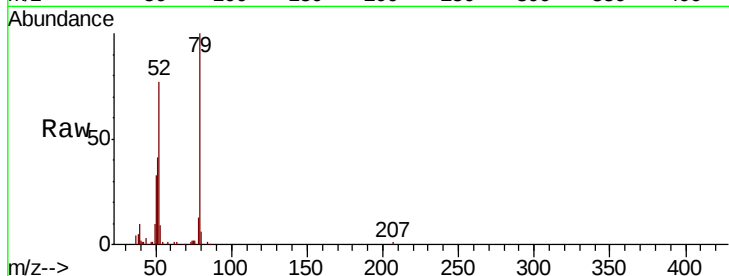
Tot Ion: 79 Resp: 81580

Ion Ratio Lower Upper

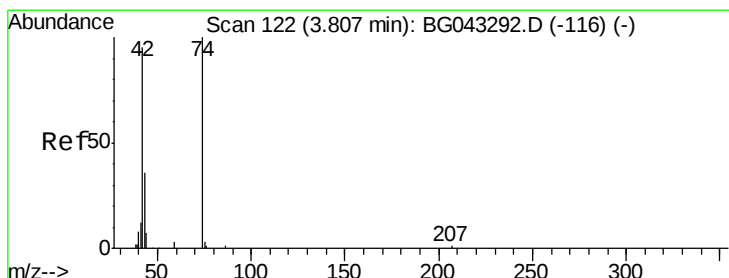
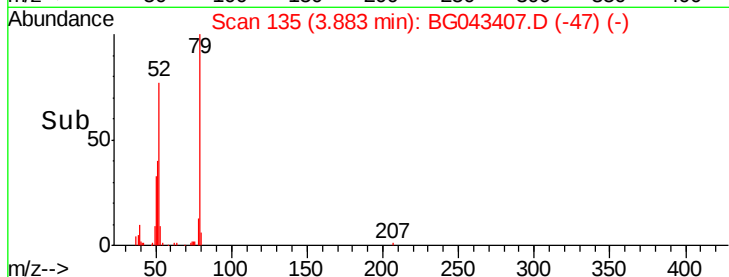
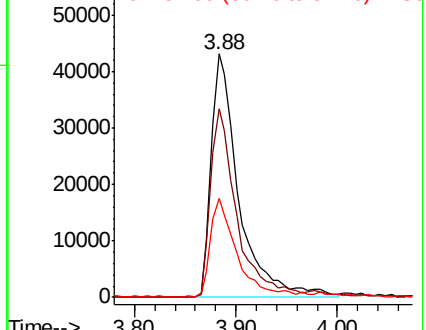
79 100

52 77.5 59.7 89.5

51 40.6 31.8 47.6



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: 46.577 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.01 min

Lab File: BG043407.D

Acq: 30 Oct 2019 19:16

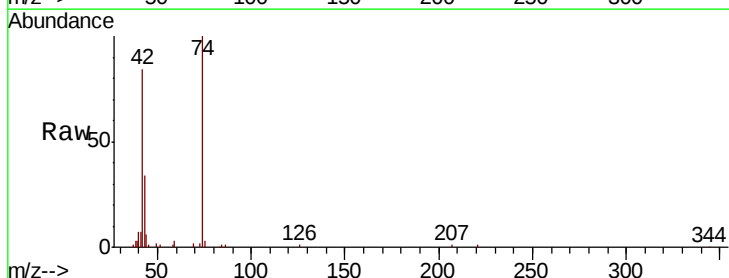
Tgt Ion: 42 Resp: 50171

Ion Ratio Lower Upper

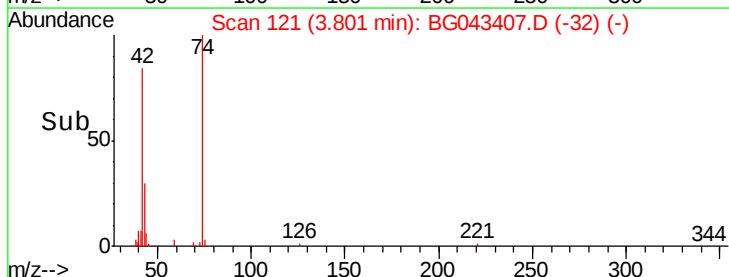
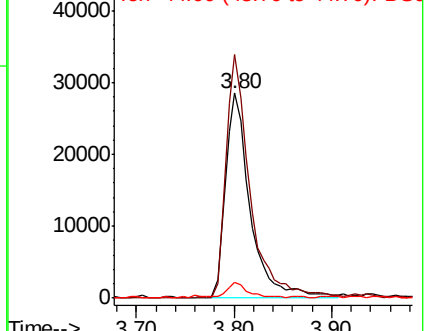
42 100

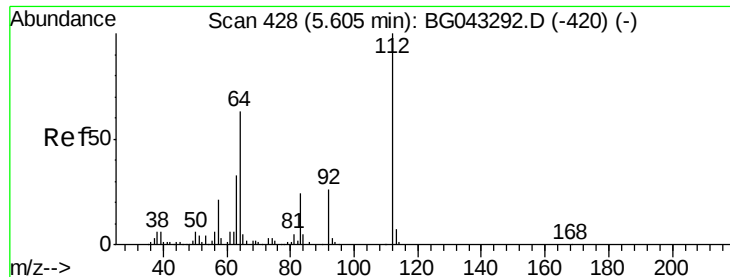
74 119.0 84.2 126.2

44 7.4 6.0 9.0



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: 109.630 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG043407.D

Acq: 30 Oct 2019 19:16

Instrument :

BNA_G

ClientSampleId :

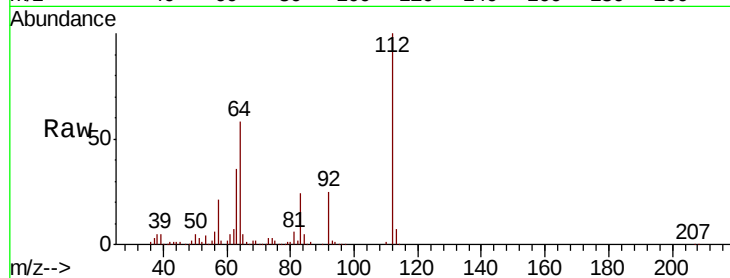
Tot Ion:112 Resp: 238064

Ion Ratio Lower Upper

112 100

64 58.2 50.2 75.2

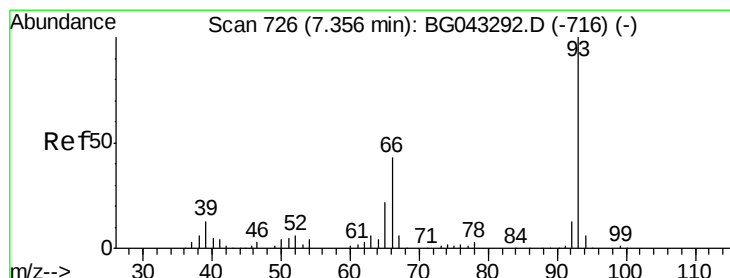
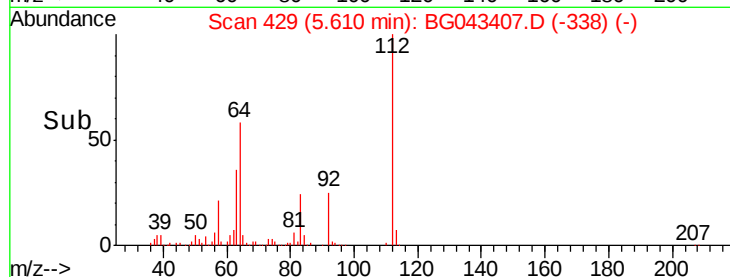
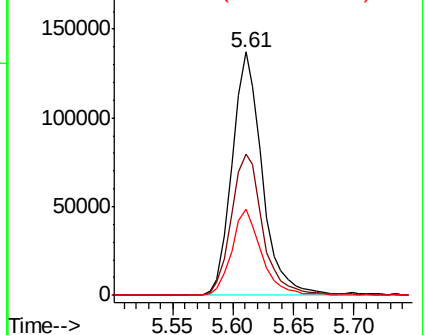
63 35.6 26.7 40.1



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: 38.355 ng

RT: 7.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BG043407.D

Acq: 30 Oct 2019 19:16

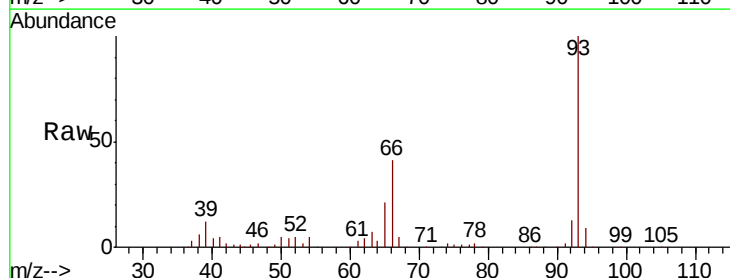
Tgt Ion: 93 Resp: 138044

Ion Ratio Lower Upper

93 100

66 40.6 34.5 51.7

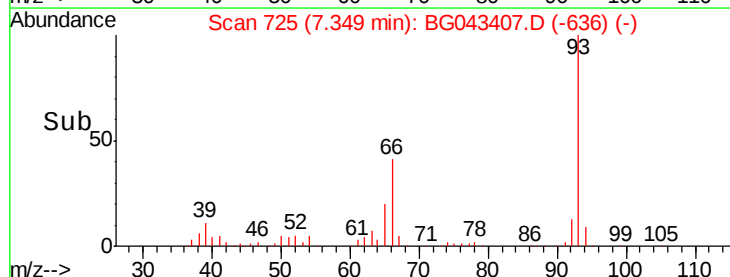
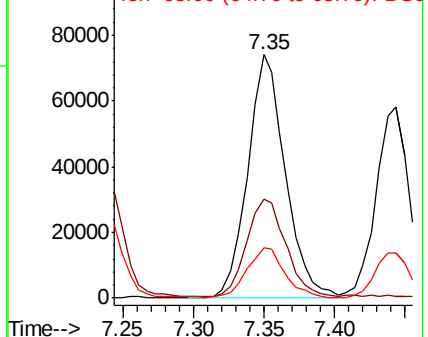
65 20.8 18.0 27.0

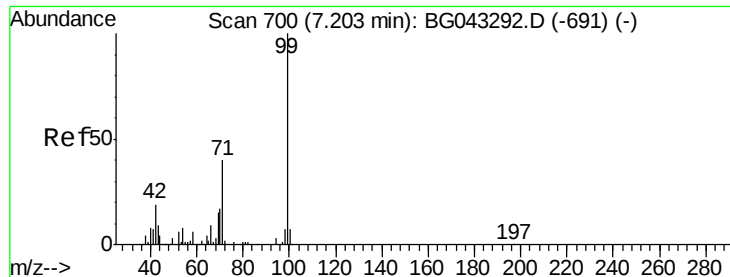


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 110.354 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG043407.D

Acq: 30 Oct 2019 19:16

Instrument :

BNA_G

ClientSampleId :

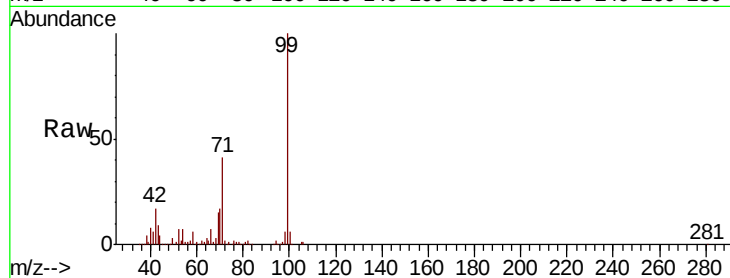
Tot Ion: 99 Resp: 344780

Ion Ratio Lower Upper

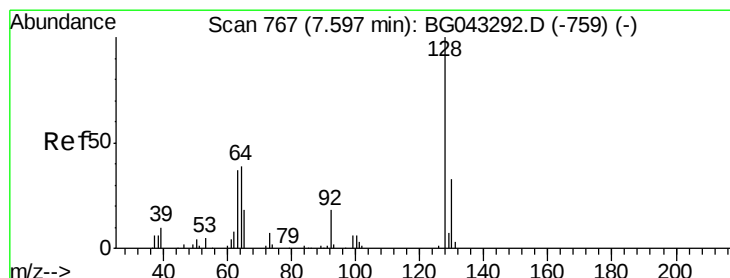
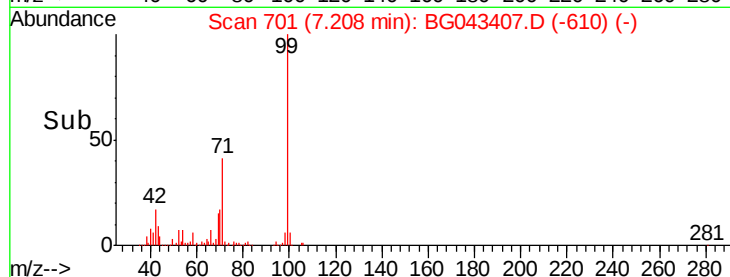
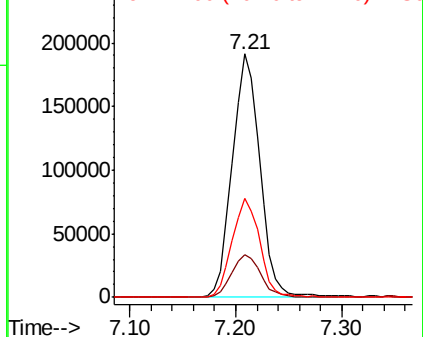
99 100

42 17.3 14.9 22.3

71 40.6 32.2 48.2



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: 49.145 ng

RT: 7.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BG043407.D

Acq: 30 Oct 2019 19:16

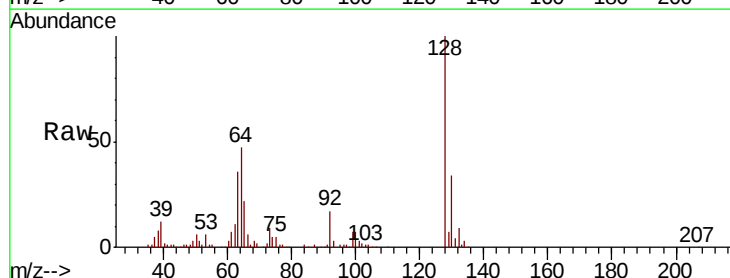
Tgt Ion: 128 Resp: 117807

Ion Ratio Lower Upper

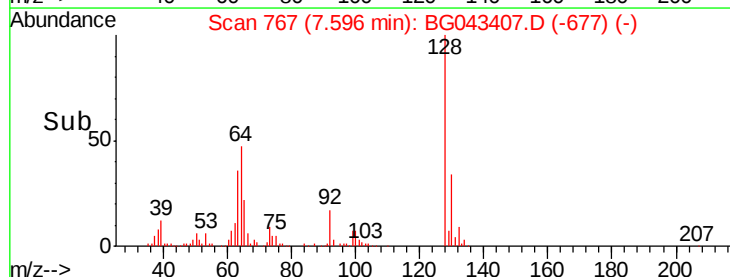
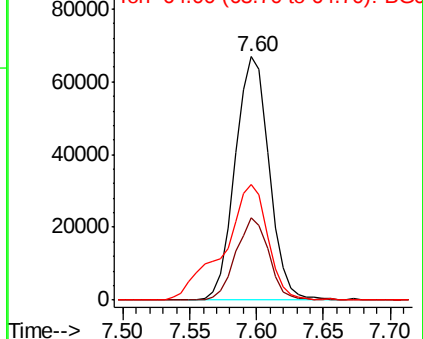
128 100

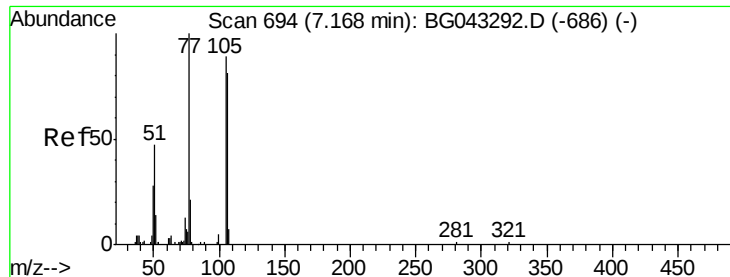
130 34.0 12.9 52.9

64 47.4 24.9 64.9



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: 39.787 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG043407.D

Acq: 30 Oct 2019 19:16

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ClientSampleId :

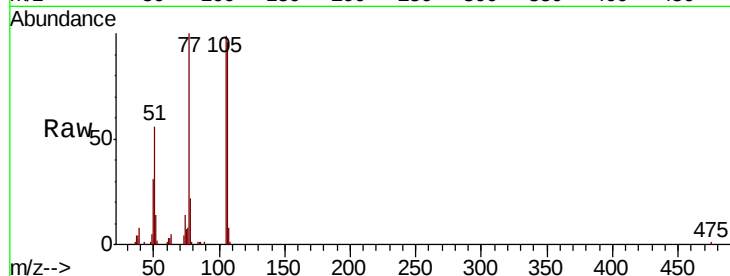
Tot Ion: 77 Resp: 61089

Ion Ratio Lower Upper

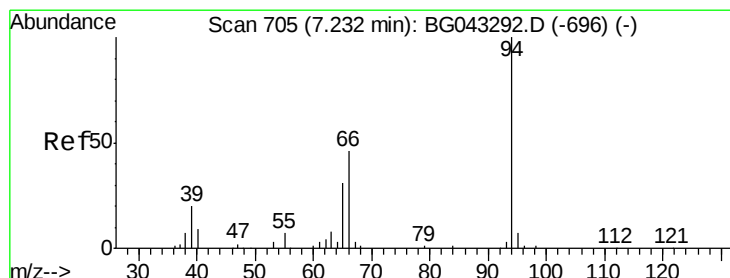
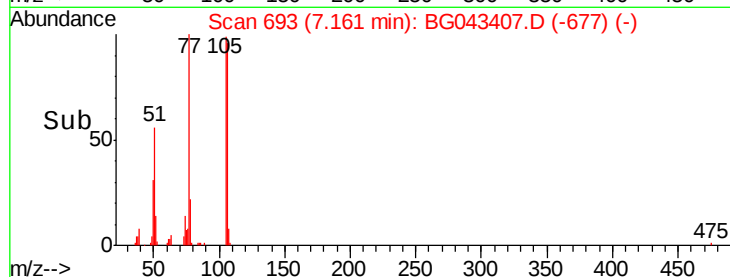
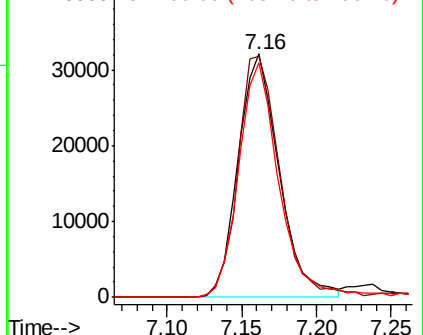
77 100

105 99.3 68.7 108.7

106 96.3 60.5 100.5



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: 54.175 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.01 min

Lab File: BG043407.D

Acq: 30 Oct 2019 19:16

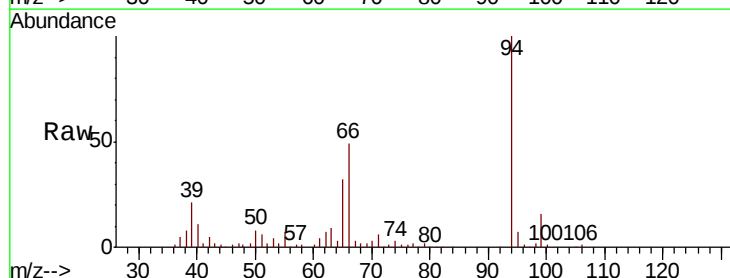
Tgt Ion: 94 Resp: 154667

Ion Ratio Lower Upper

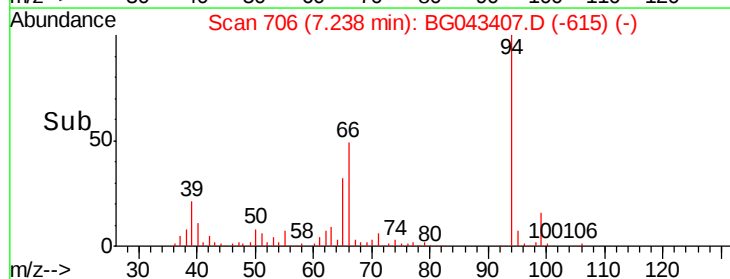
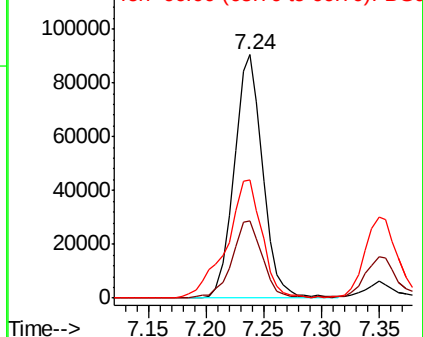
94 100

65 31.6 11.1 51.1

66 48.7 27.8 67.8



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

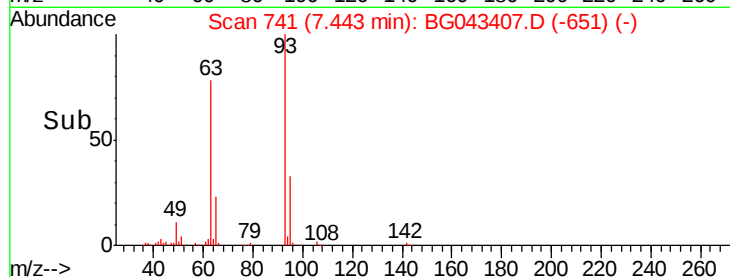
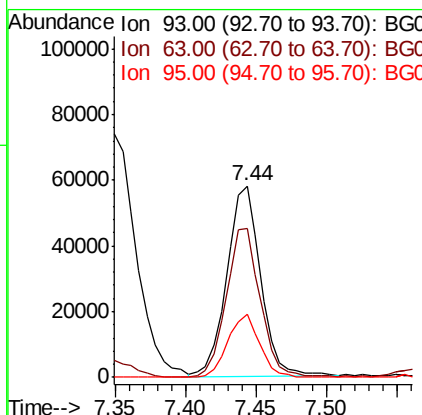
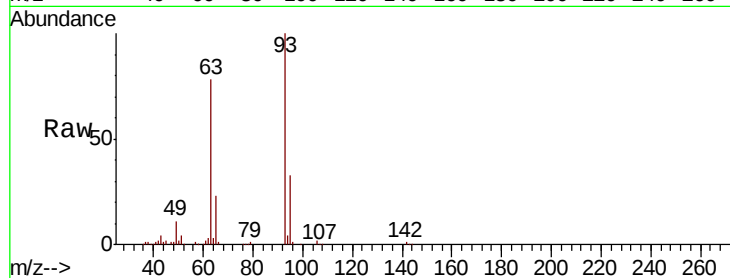




#11
 bis(2-Chloroethyl)ether
 Concen: 43.463 ng
 RT: 7.44 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BG043407.D
 Acq: 30 Oct 2019 19:16

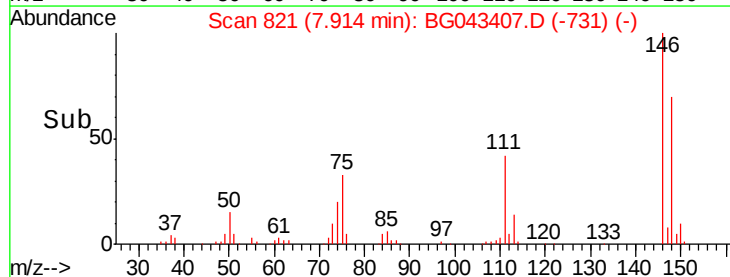
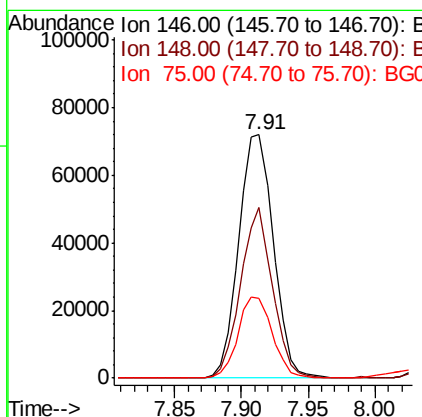
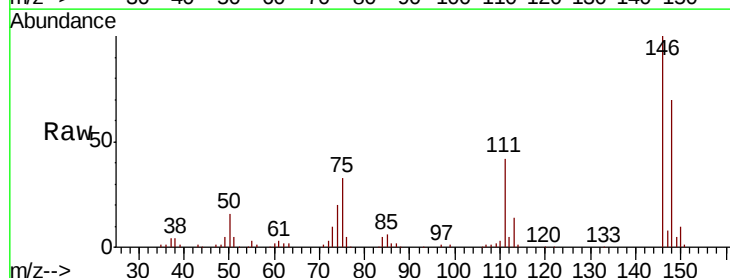
Instrument :
 BNA_G
 ClientSampled :

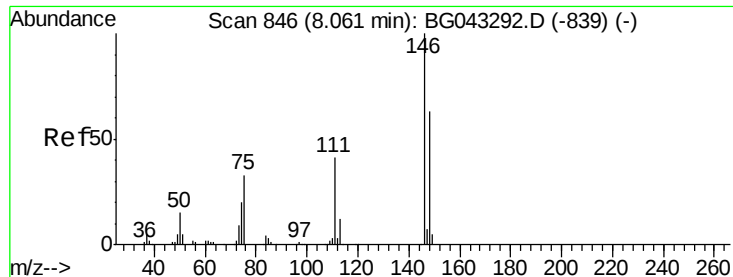
Tot Ion: 93 Resp: 95936
 Ion Ratio Lower Upper
 93 100
 63 77.7 54.6 94.6
 95 32.7 9.7 49.7



#12
 1,3-Dichlorobenzene
 Concen: 43.143 ng
 RT: 7.91 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BG043407.D
 Acq: 30 Oct 2019 19:16

Tgt Ion: 146 Resp: 129574
 Ion Ratio Lower Upper
 146 100
 148 70.2 53.4 80.2
 75 32.5 27.0 40.4





#13

1,4-Dichlorobenzene

Concen: 42.631 ng

RT: 8.05 min Scan# 845

Delta R.T. -0.01 min

Lab File: BG043407.D

Acq: 30 Oct 2019 19:16

Instrument :

BNA_G

ClientSampled :

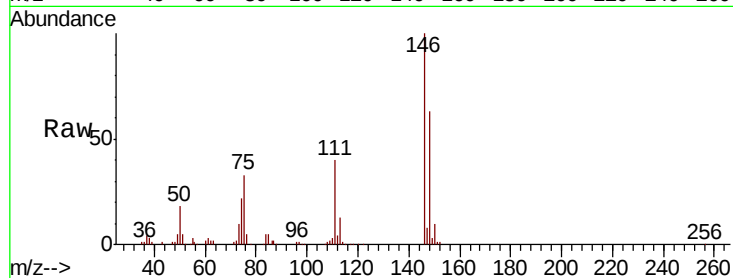
Tot Ion:146 Resp: 129542

Ion Ratio Lower Upper

146 100

148 62.9 50.7 76.1

111 39.8 33.0 49.6

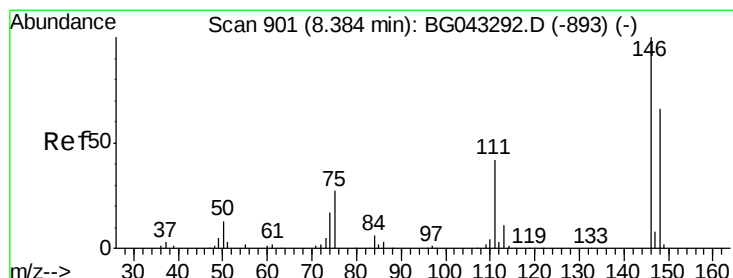
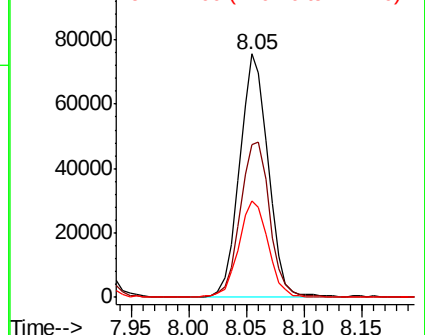
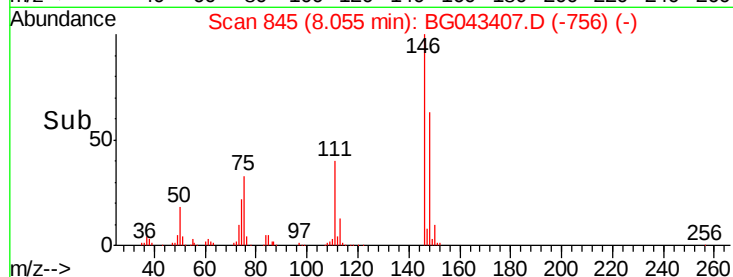


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.216 ng

RT: 8.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BG043407.D

Acq: 30 Oct 2019 19:16

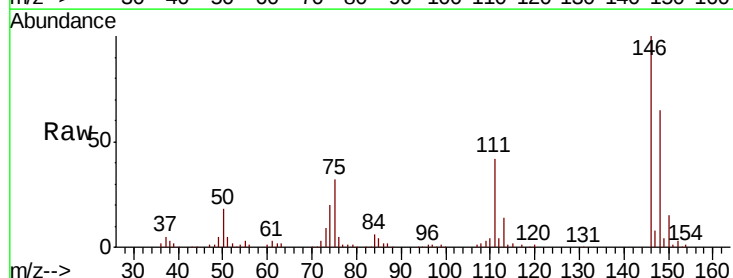
Tgt Ion:146 Resp: 128221

Ion Ratio Lower Upper

146 100

148 65.1 53.0 79.4

111 42.0 34.5 51.7

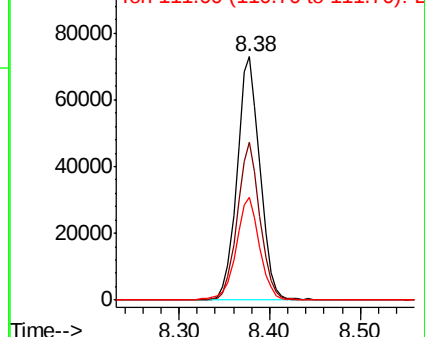
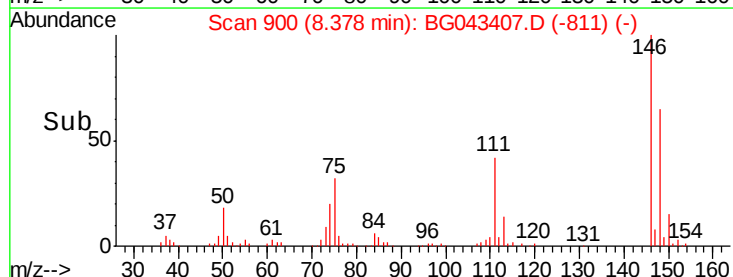


Abundance

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: 48.819 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG043407.D

Acq: 30 Oct 2019 19:16

Instrument :

BNA_G

ClientSampleId :

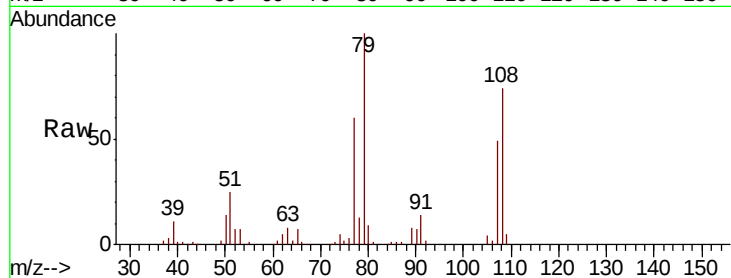
Tot Ion: 79 Resp: 107119

Ion Ratio Lower Upper

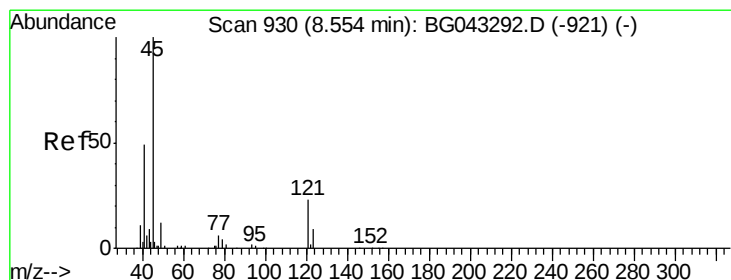
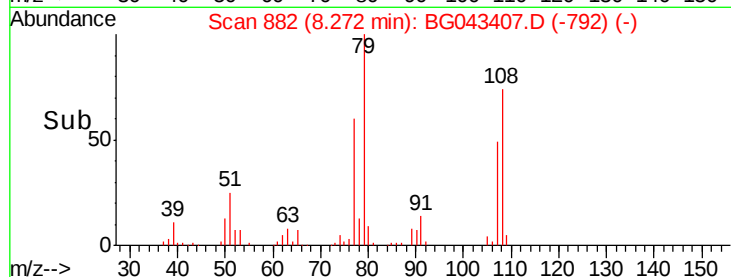
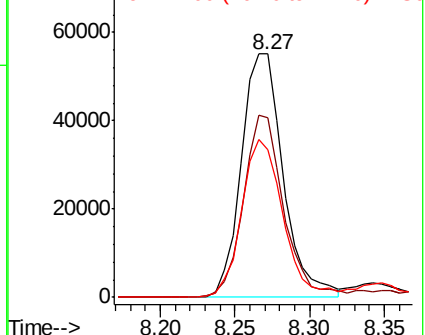
79 100

108 73.9 57.3 85.9

77 60.5 54.6 81.8



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: 40.742 ng

RT: 8.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BG043407.D

Acq: 30 Oct 2019 19:16

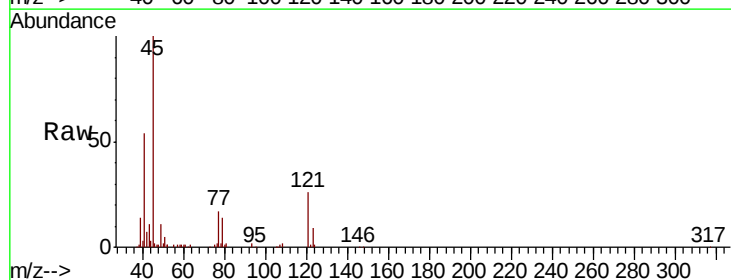
Tgt Ion: 45 Resp: 130764

Ion Ratio Lower Upper

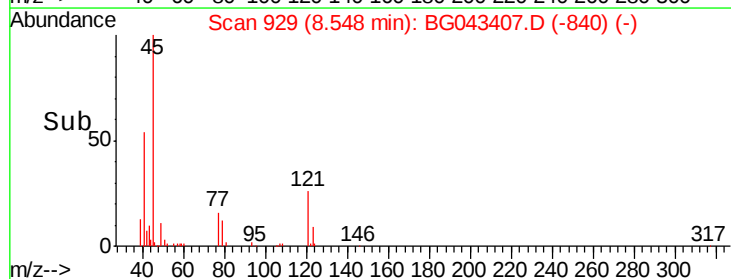
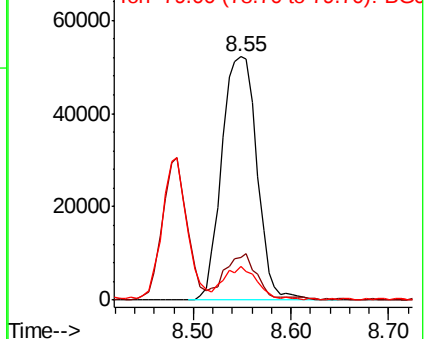
45 100

77 17.3 0.0 34.2

79 13.6 0.0 32.3



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: 47.759 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.00 min

Lab File: BG043407.D

Acq: 30 Oct 2019 19:16

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 99400

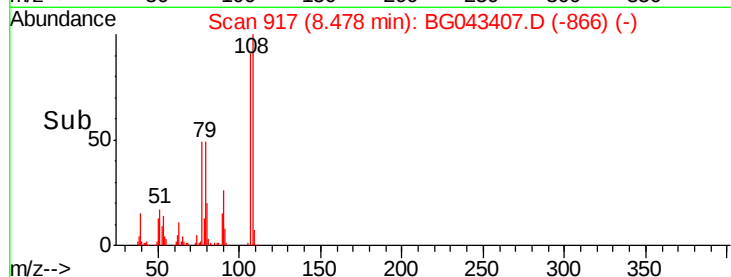
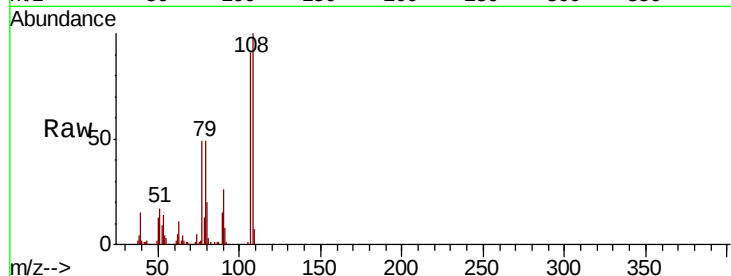
Ion Ratio Lower Upper

107 100

108 110.2 91.3 136.9

77 54.1 43.0 64.6

79 54.4 43.4 65.2

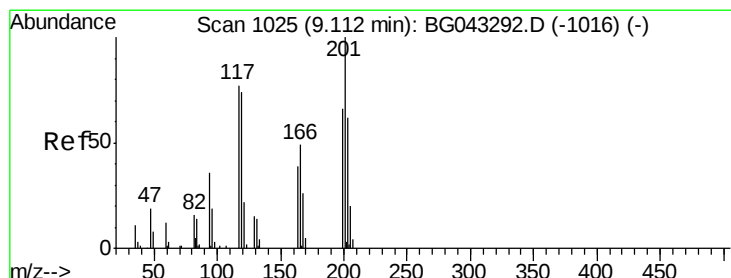
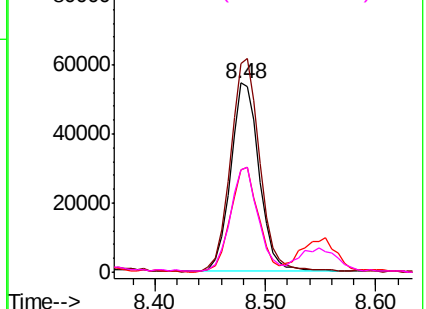


Abundance Ion 107.00 (106.70 to 107.70): E

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: 42.197 ng

RT: 9.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BG043407.D

Acq: 30 Oct 2019 19:16

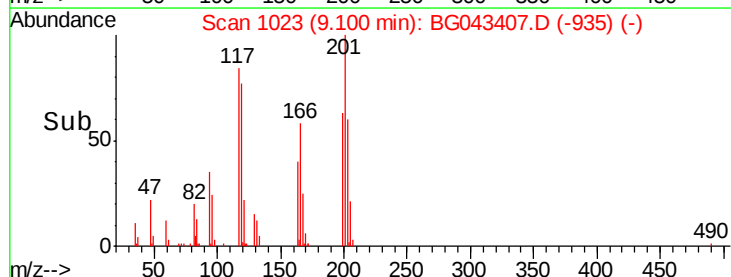
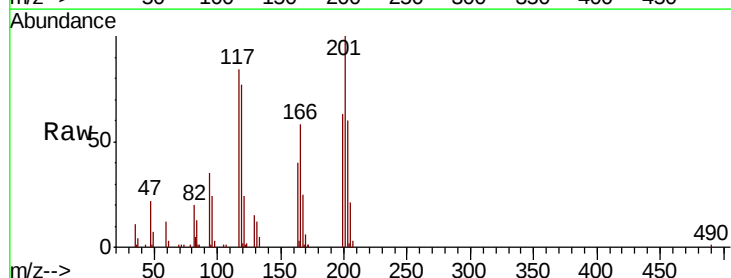
Tgt Ion:117 Resp: 46262

Ion Ratio Lower Upper

117 100

119 92.6 77.3 115.9

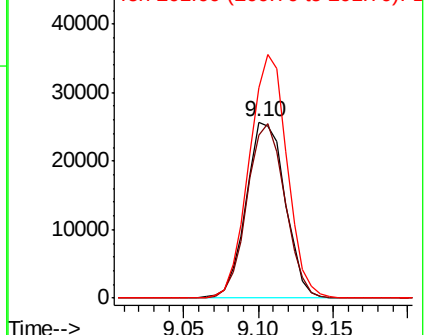
201 119.6 104.2 156.4

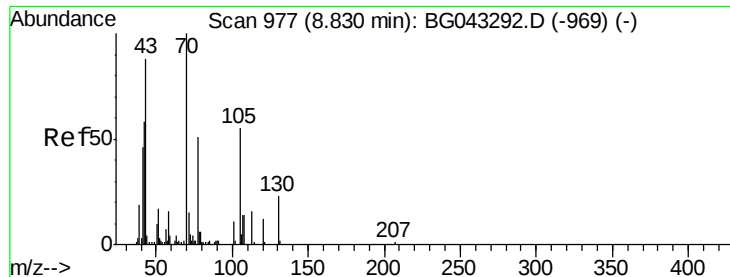


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

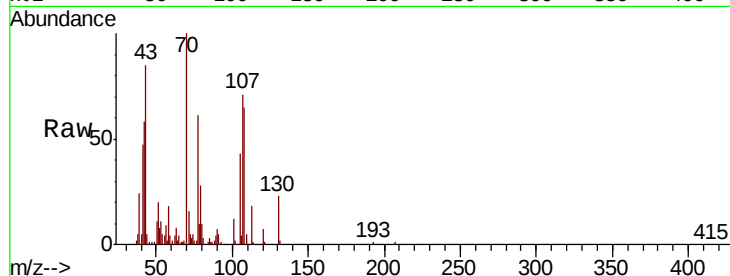




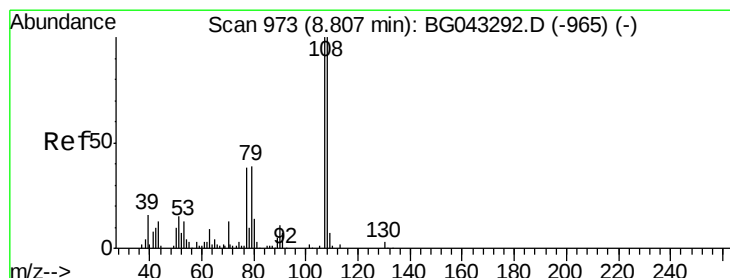
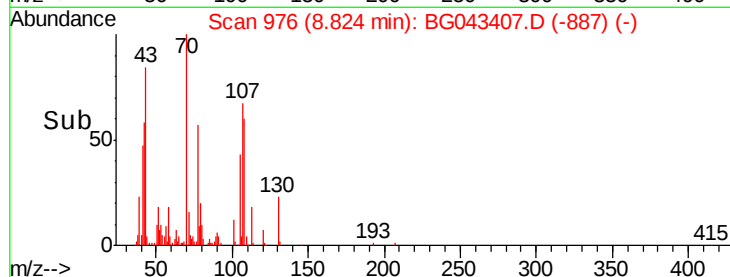
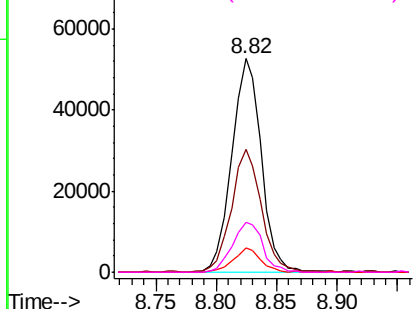
#19
n-Nitroso-di-n-propylamine
Concen: 44.424 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG043407.D
Acq: 30 Oct 2019 19:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	89686
Ion	Ratio	Lower	Upper
70	100		
42	57.6	46.2	69.2
101	11.7	8.6	13.0
130	23.2	18.6	27.8

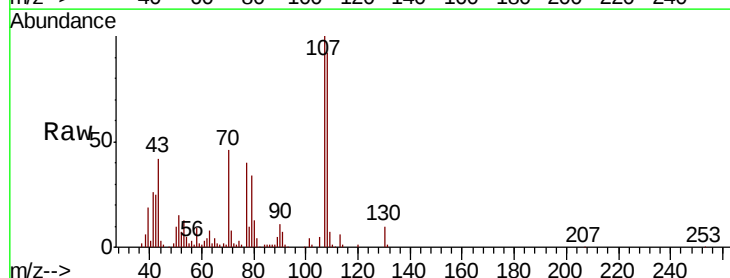


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

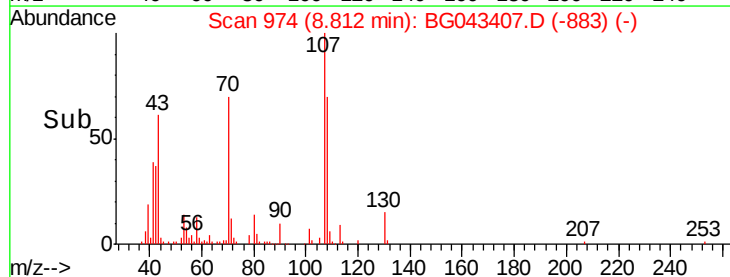
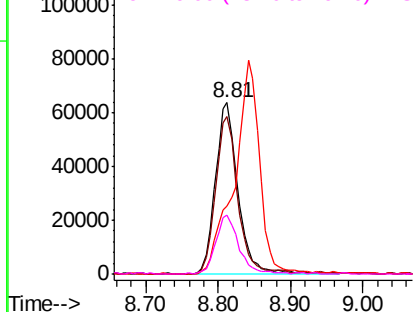


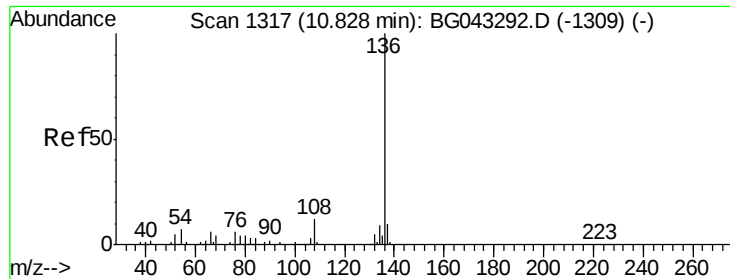
#20
3+4-Methylphenols
Concen: 48.486 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.01 min
Lab File: BG043407.D
Acq: 30 Oct 2019 19:16

Tgt Ion:	107	Resp:	138377
Ion	Ratio	Lower	Upper
107	100		
108	92.4	80.3	120.3
77	39.7	18.2	58.2
79	34.3	18.8	58.8



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

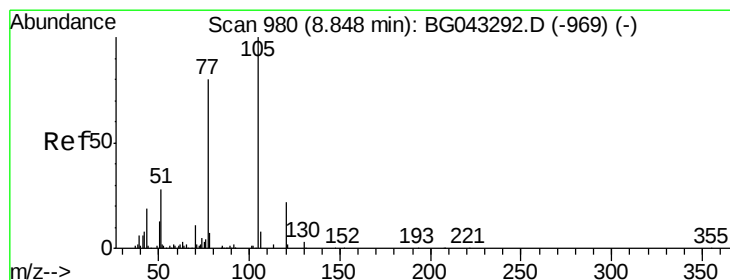
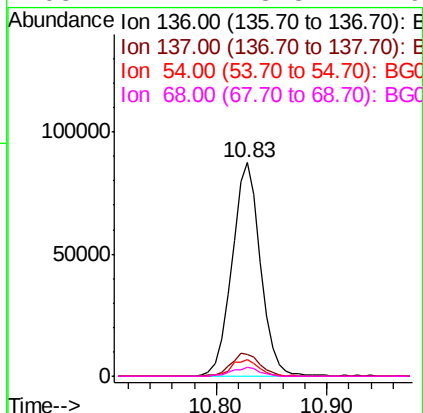
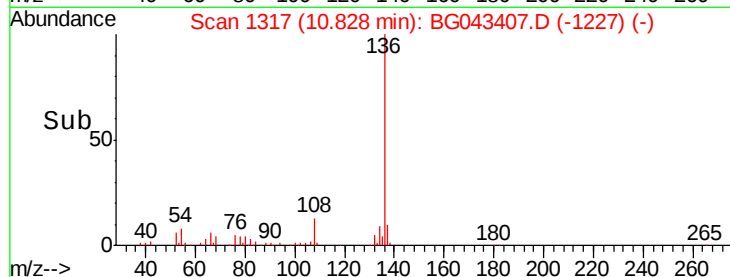
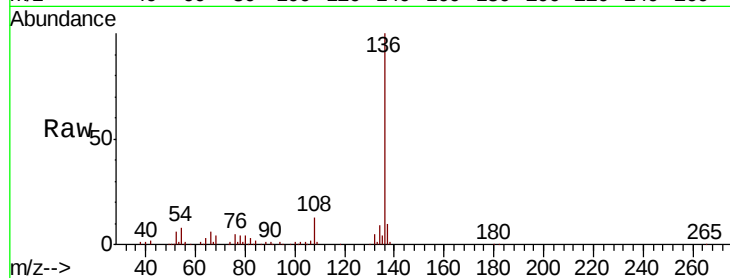




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG043407.D
Acq: 30 Oct 2019 19:16

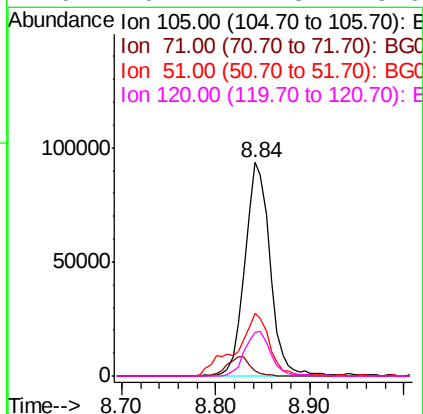
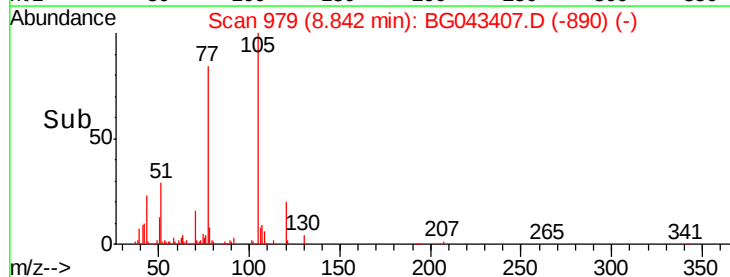
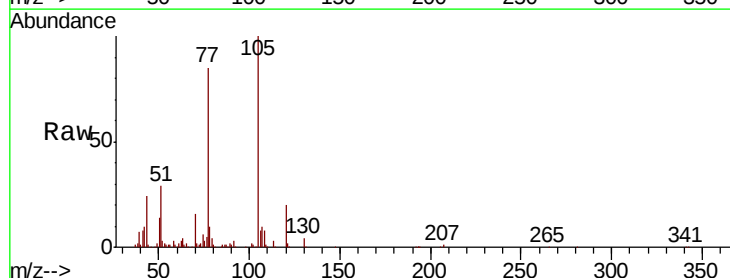
Instrument :
BNA_G
ClientSampleId :

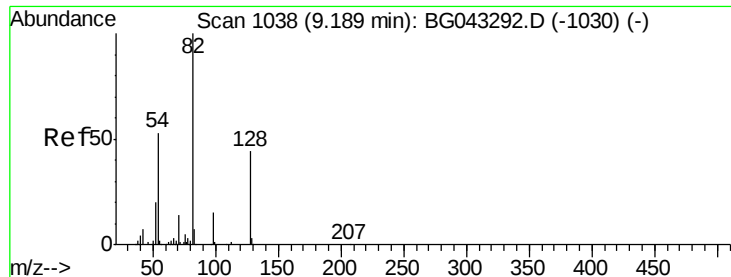
Tot Ion:136	Resp:	157565
Ion Ratio	Lower	Upper
136 100		
137 10.5	8.2	12.2
54 7.7	5.4	8.2
68 4.4	3.3	4.9



#22
Acetophenone
Concen: 43.038 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.01 min
Lab File: BG043407.D
Acq: 30 Oct 2019 19:16

Tgt	Ion:105	Resp:	173663
Ion	Ratio	Lower	Upper
105	100		
71	2.3	1.5	2.3#
51	29.4	23.9	35.9
120	20.4	17.3	25.9

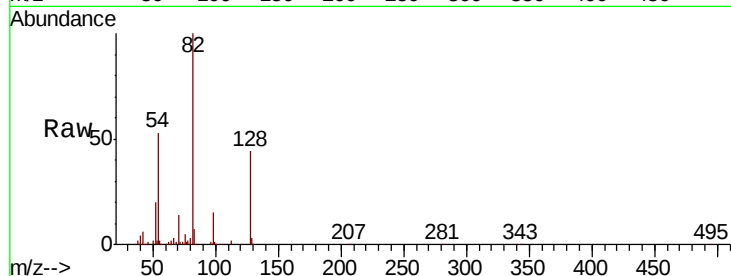




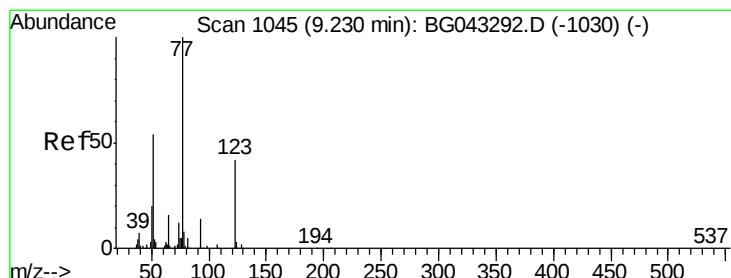
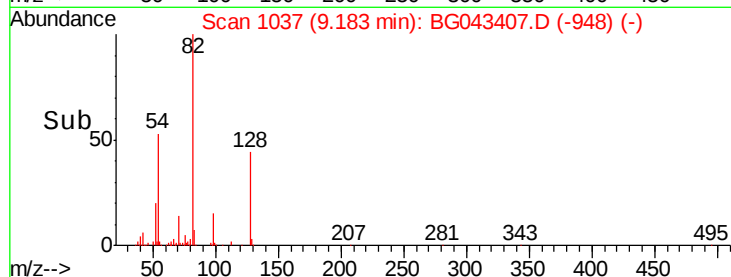
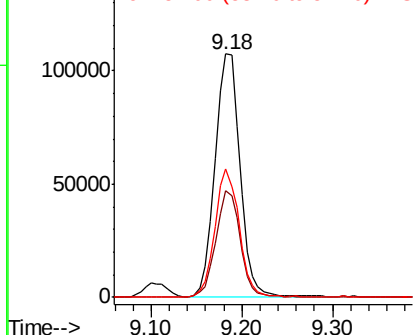
#23
Nitrobenzene-d5
Concen: 67.466 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG043407.D
Acq: 30 Oct 2019 19:16

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.6	35.3	52.9
54	52.6	42.3	63.5

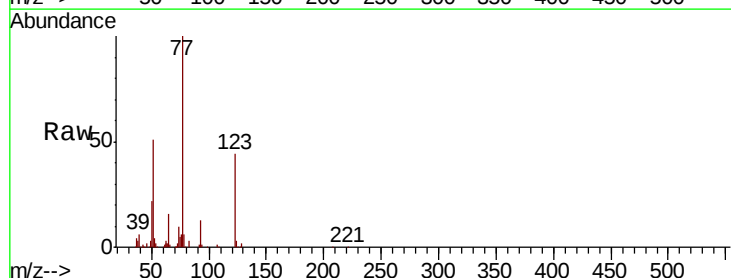


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

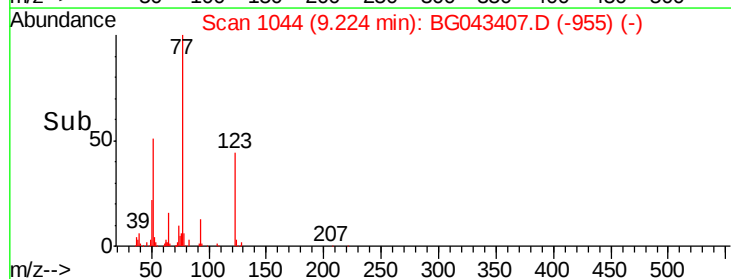
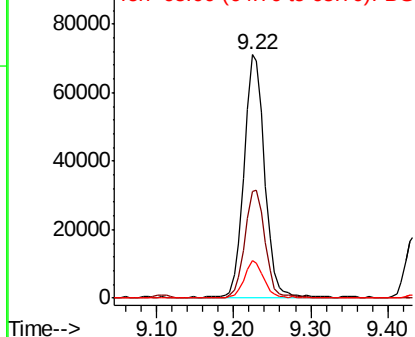


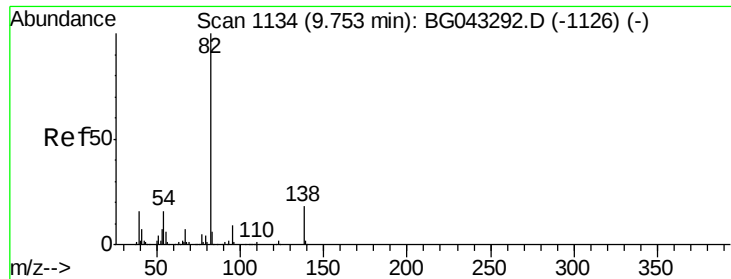
#24
Nitrobenzene
Concen: 46.458 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BG043407.D
Acq: 30 Oct 2019 19:16

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.6	33.8	50.8
65	15.6	13.0	19.4



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 45.546 ng

RT: 9.75 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BG043407.D

Acq: 30 Oct 2019 19:16

Instrument :

BNA_G

ClientSampleId :

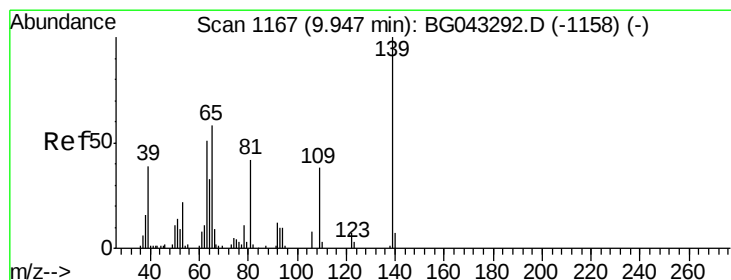
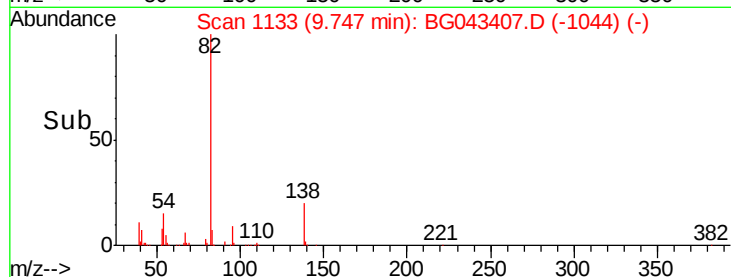
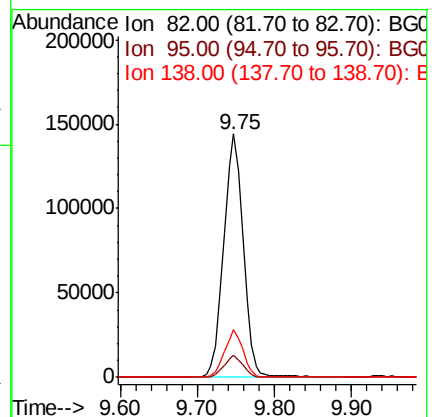
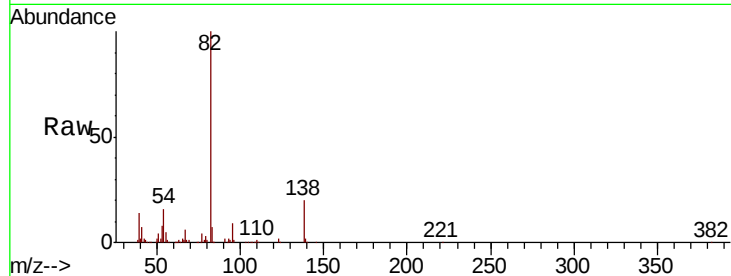
Tot Ion: 82 Resp: 254498

Ion Ratio Lower Upper

82 100

95 8.9 6.9 10.3

138 19.6 14.2 21.2



#26

2-Nitrophenol

Concen: 51.530 ng

RT: 9.94 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BG043407.D

Acq: 30 Oct 2019 19:16

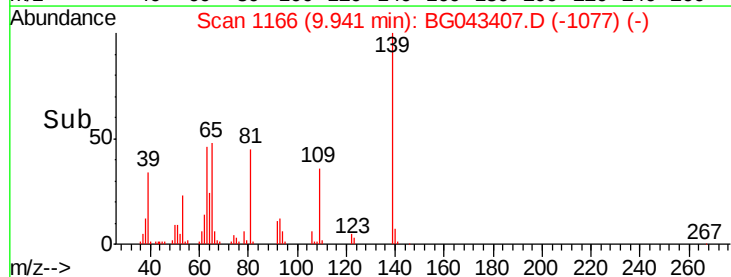
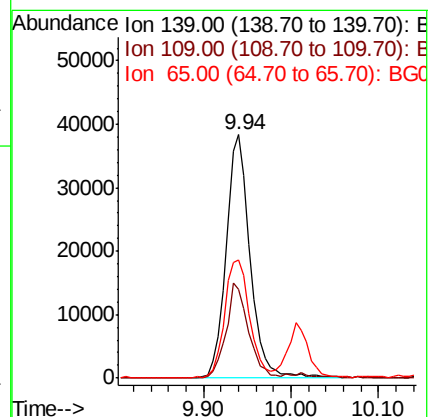
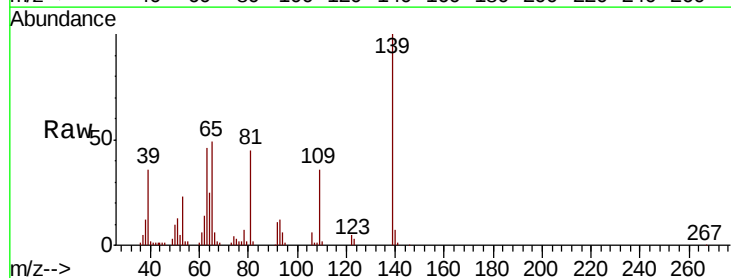
Tgt Ion: 139 Resp: 72431

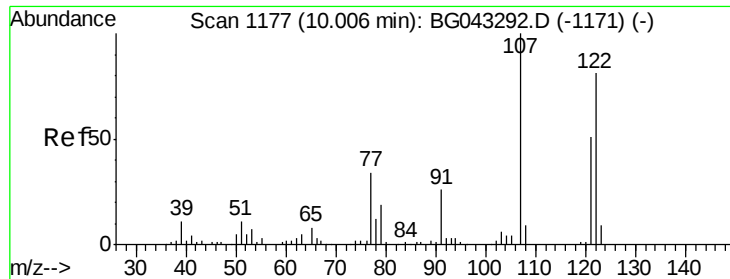
Ion Ratio Lower Upper

139 100

109 36.5 30.1 45.1

65 48.6 46.1 69.1

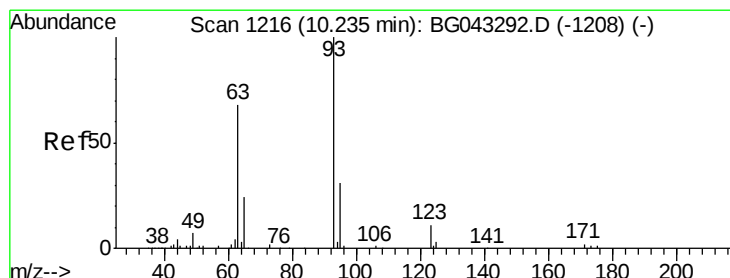
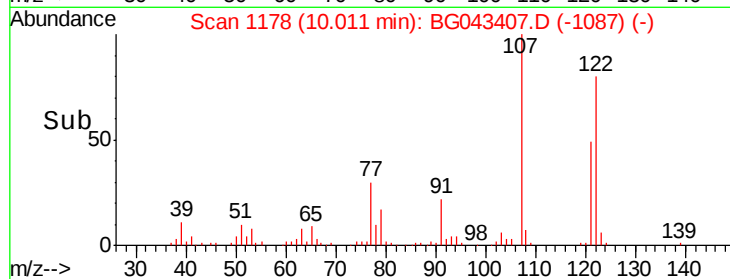
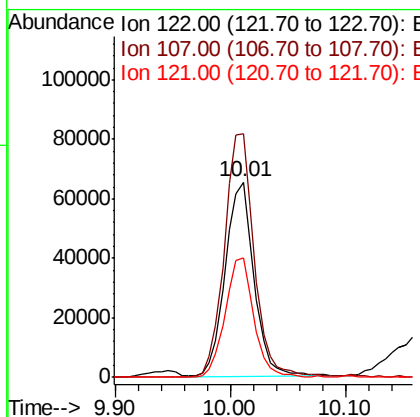
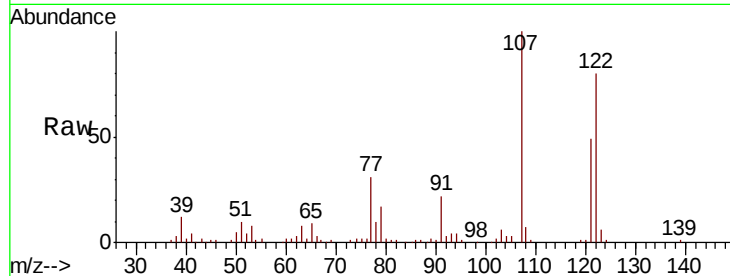




#27
 2,4-Dimethylphenol
 Concen: 56.204 ng
 RT: 10.01 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BG043407.D
 Acq: 30 Oct 2019 19:16

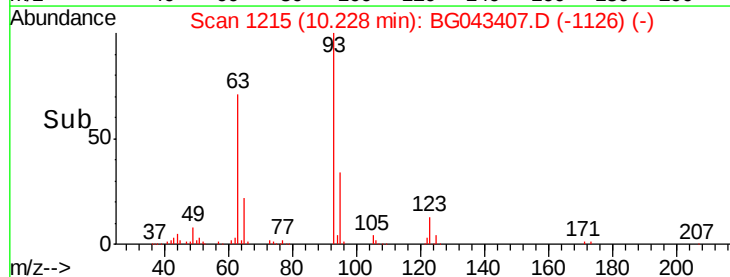
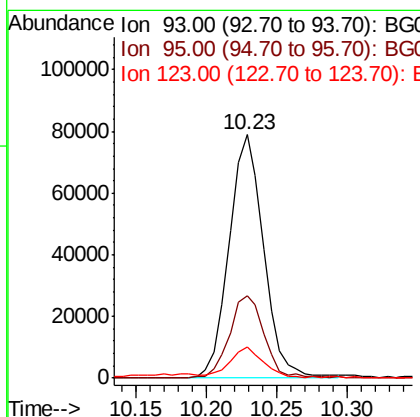
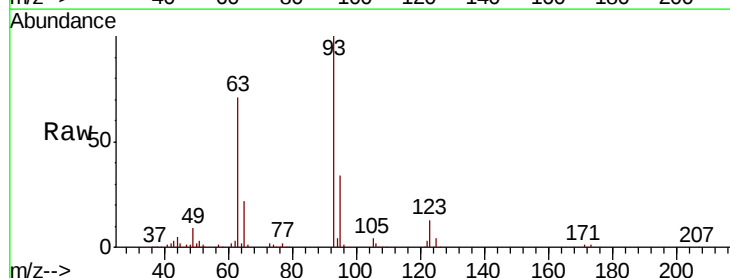
Instrument :
 BNA_G
 ClientSampled :

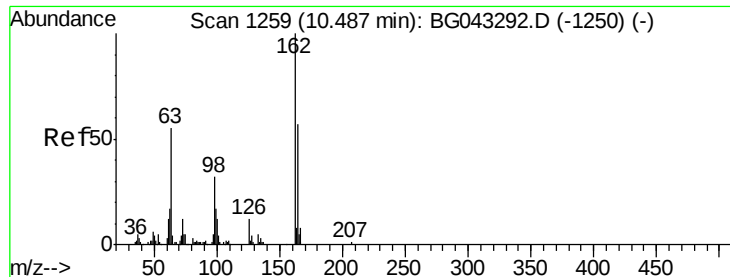
Tot Ion:122 Resp: 113229
 Ion Ratio Lower Upper
 122 100
 107 124.9 98.6 147.8
 121 61.5 50.1 75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.723 ng
 RT: 10.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BG043407.D
 Acq: 30 Oct 2019 19:16

Tgt Ion: 93 Resp: 134840
 Ion Ratio Lower Upper
 93 100
 95 33.9 24.9 37.3
 123 12.9 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 50.486 ng

RT: 10.49 min Scan# 1259

Delta R.T. -0.00 min

Lab File: BG043407.D

Acq: 30 Oct 2019 19:16

Instrument :

BNA_G

ClientSampleId :

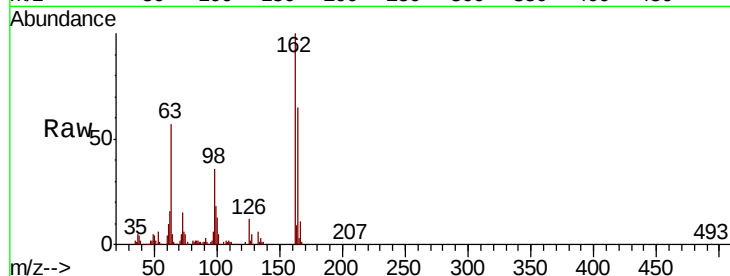
Tot Ion:162 Resp: 130316

Ion Ratio Lower Upper

162 100

164 65.5 37.3 77.3

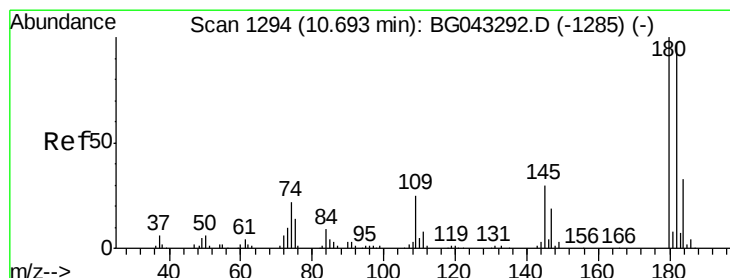
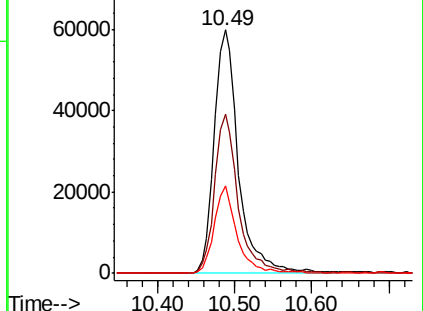
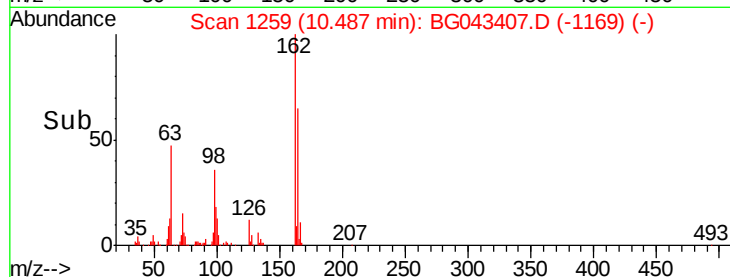
98 36.0 11.8 51.8



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: 42.949 ng

RT: 10.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BG043407.D

Acq: 30 Oct 2019 19:16

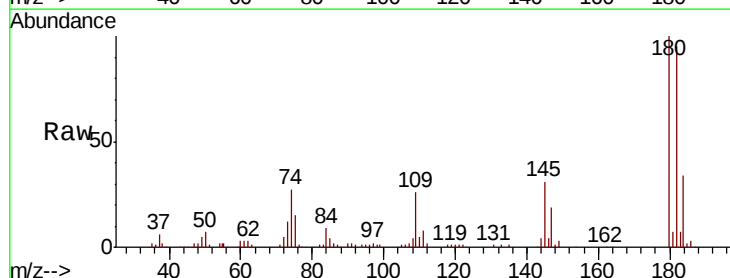
Tgt Ion:180 Resp: 139728

Ion Ratio Lower Upper

180 100

182 95.2 77.8 116.8

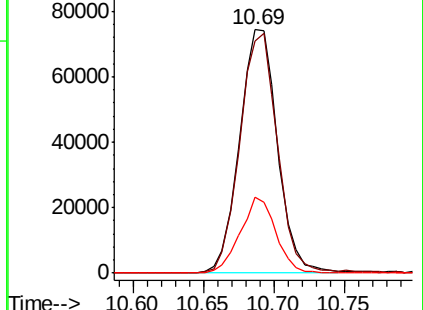
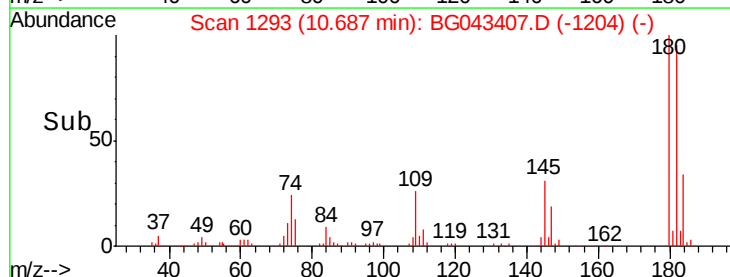
145 31.3 23.6 35.4



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

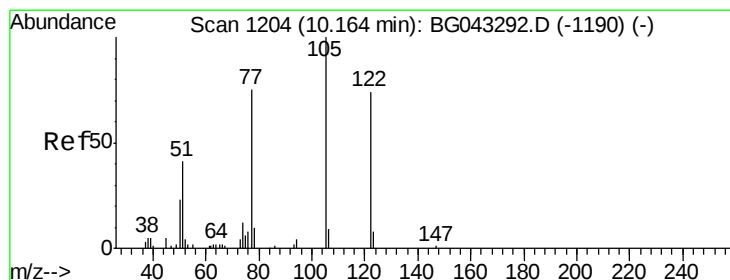
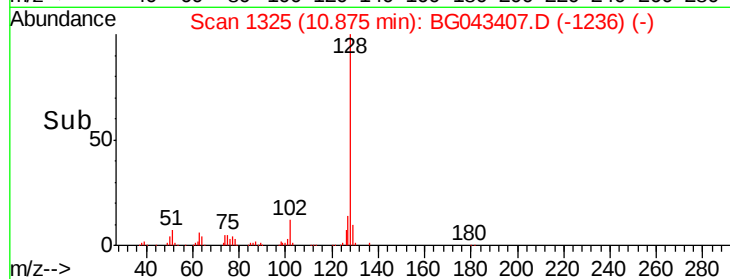
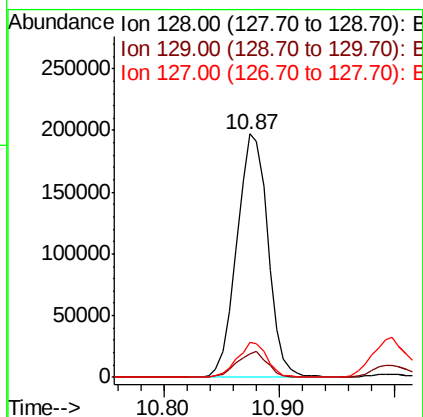
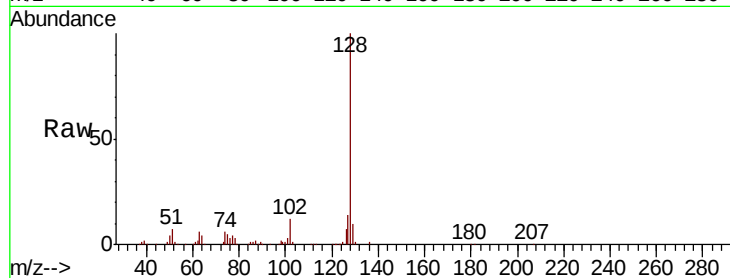




#31
Naphthalene
Concen: 46.058 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG043407.D
Acq: 30 Oct 2019 19:16

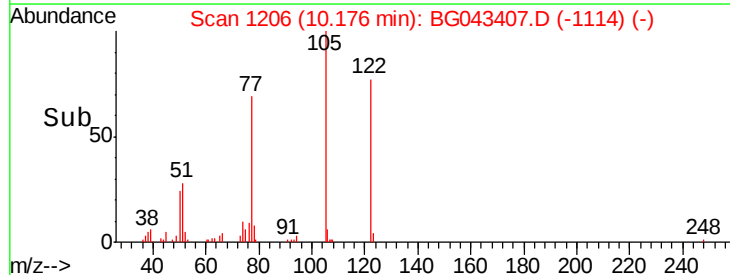
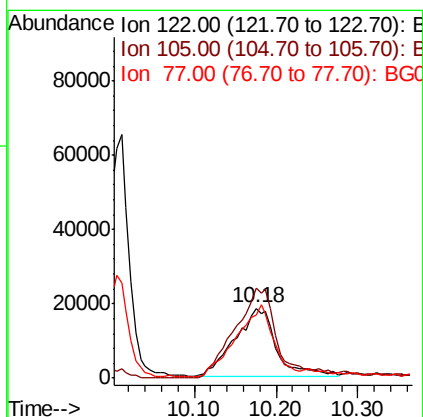
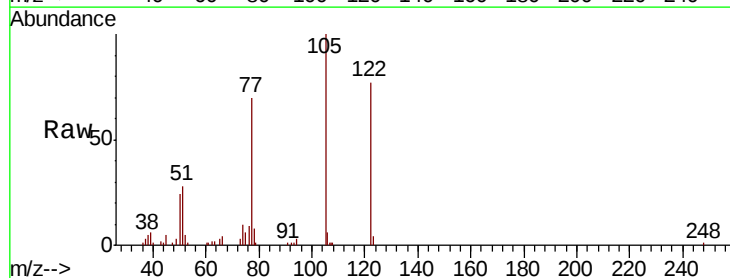
Instrument :
BNA_G
ClientSampled :

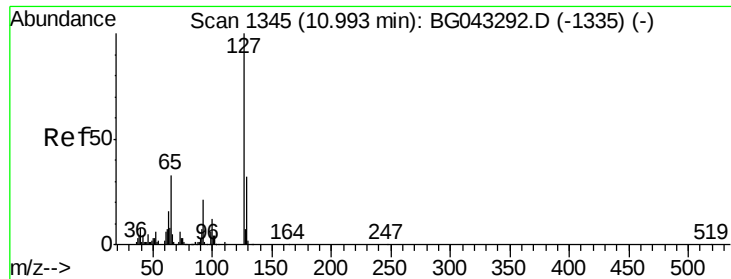
Tot Ion:128 Resp: 368371
Ion Ratio Lower Upper
128 100
129 9.8 8.6 12.8
127 14.2 11.5 17.3



#32
Benzoic acid
Concen: 43.165 ng
RT: 10.18 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BG043407.D
Acq: 30 Oct 2019 19:16

Tgt Ion:122 Resp: 64672
Ion Ratio Lower Upper
122 100
105 129.4 112.4 152.4
77 90.7 82.7 122.7

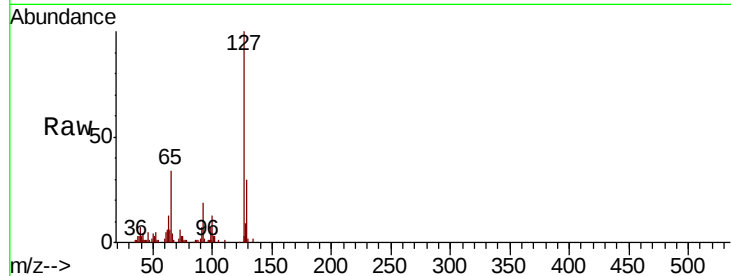




#33
4-Chloroaniline
Concen: 22.992 ng
RT: 11.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BG043407.D
Acq: 30 Oct 2019 19:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	75377	
Ion Ratio	Lower	Upper	
127 100			
129 29.6	25.8	38.8	
65 34.3	26.2	39.2	
92 19.4	17.0	25.4	



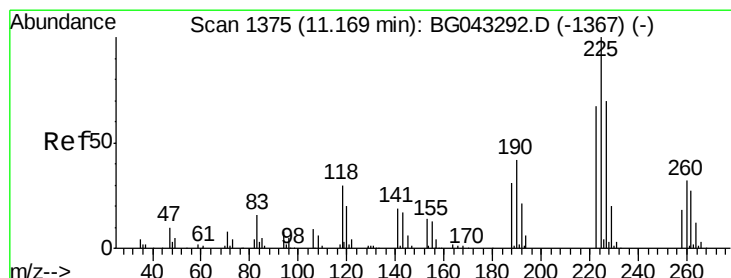
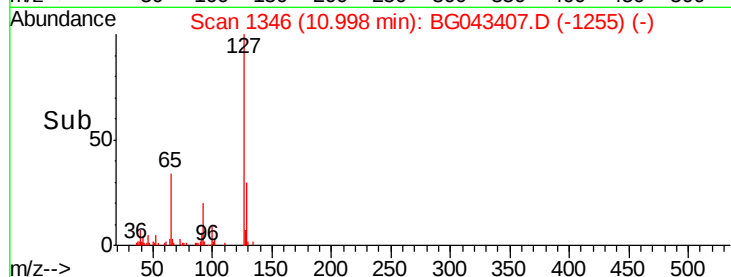
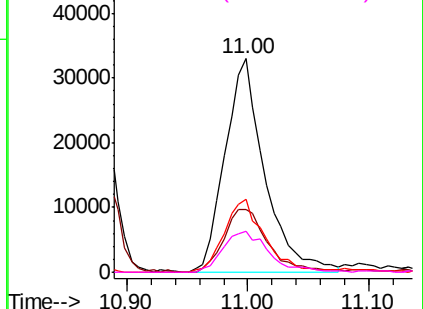
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

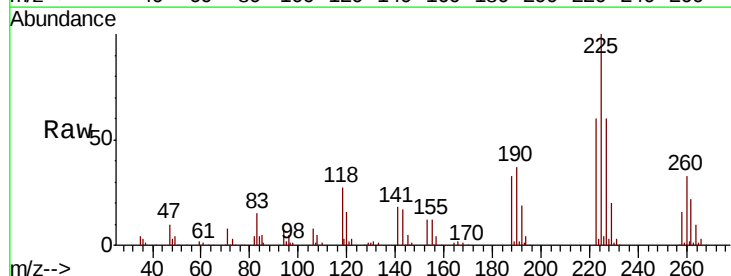
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 42.930 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG043407.D
Acq: 30 Oct 2019 19:16

Tgt Ion	225	Resp:	103244
Ion	Ratio	Lower	Upper
225	100		
223	59.8	53.2	79.8
227	60.0	56.2	84.2

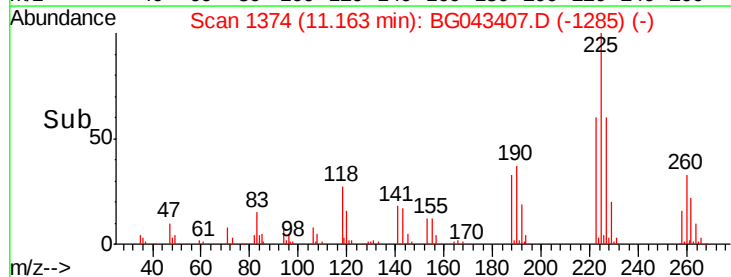
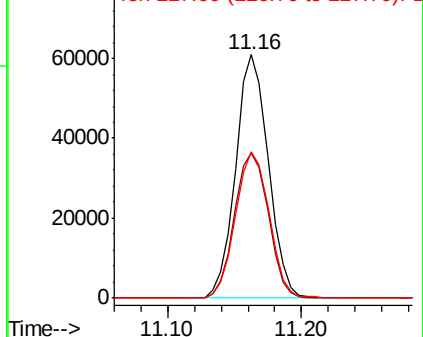


Abundance

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: 23.952 ng

RT: 11.81 min Scan# 1485

Delta R.T. 0.05 min

Lab File: BG043407.D

Acq: 30 Oct 2019 19:16

Instrument :

BNA_G

ClientSampleId :

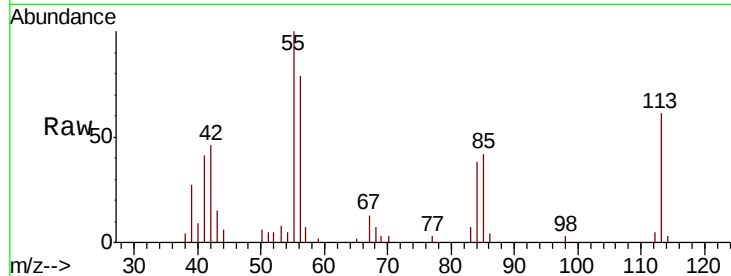
Tot Ion:113 Resp: 21293

Ion Ratio Lower Upper

113 100

55 164.3 158.9 198.9

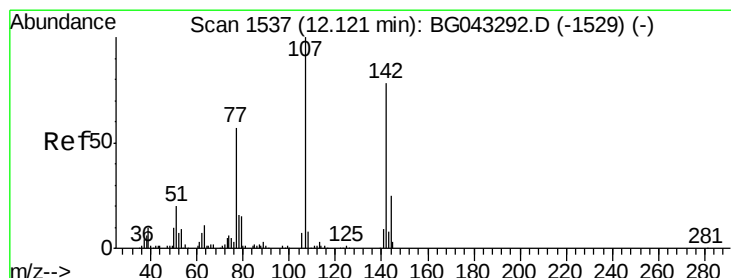
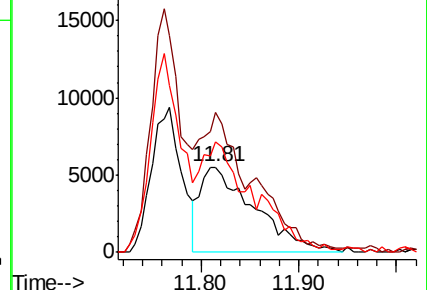
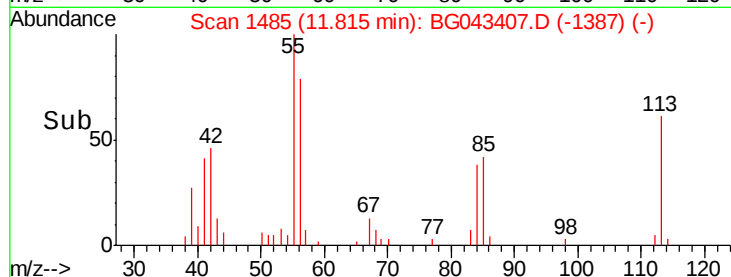
56 129.5 121.4 161.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 49.872 ng

RT: 12.13 min Scan# 1538

Delta R.T. 0.01 min

Lab File: BG043407.D

Acq: 30 Oct 2019 19:16

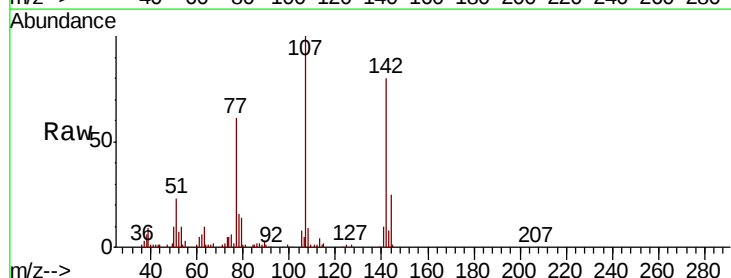
Tgt Ion:107 Resp: 140420

Ion Ratio Lower Upper

107 100

144 25.3 19.9 29.9

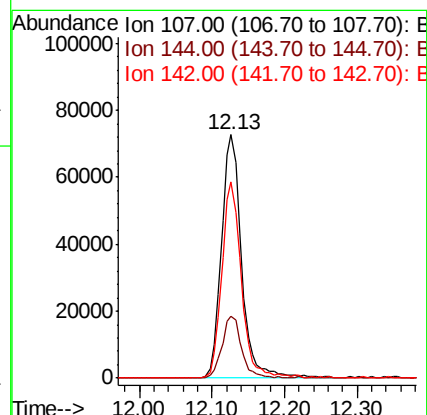
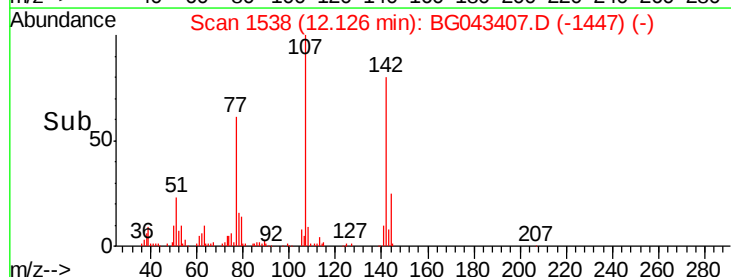
142 80.4 62.1 93.1



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

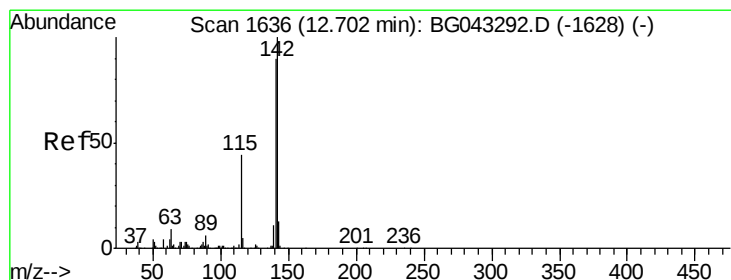
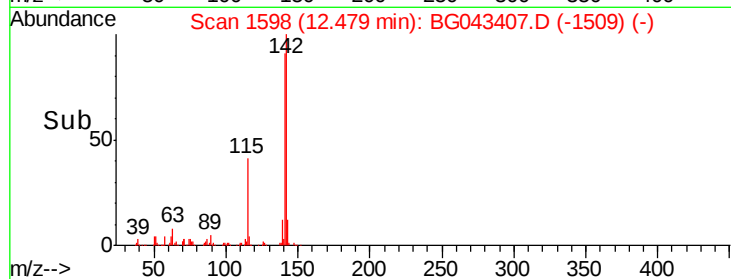
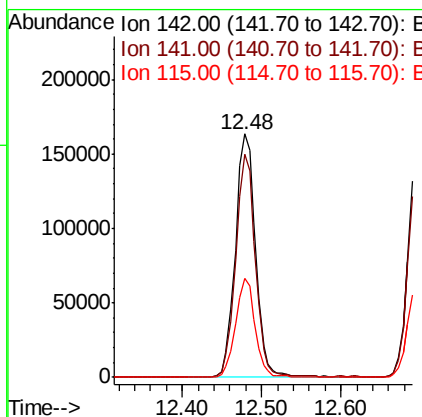
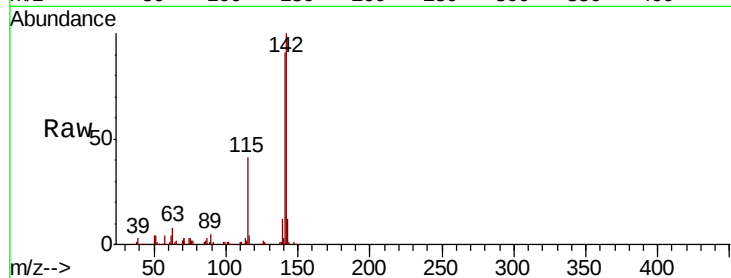




#37
 2-Methylnaphthalene
 Concen: 47.261 ng
 RT: 12.48 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BG043407.D
 Acq: 30 Oct 2019 19:16

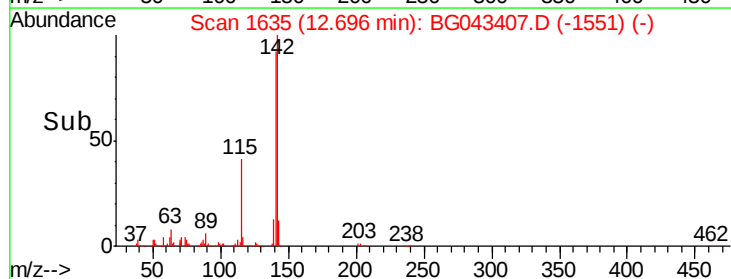
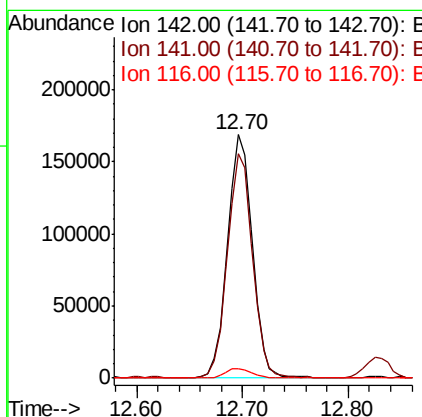
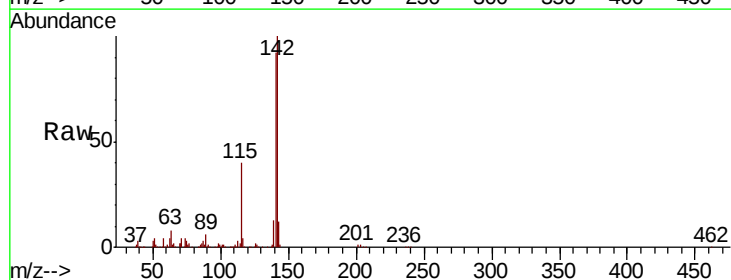
Instrument :
 BNA_G
 ClientSampleId :

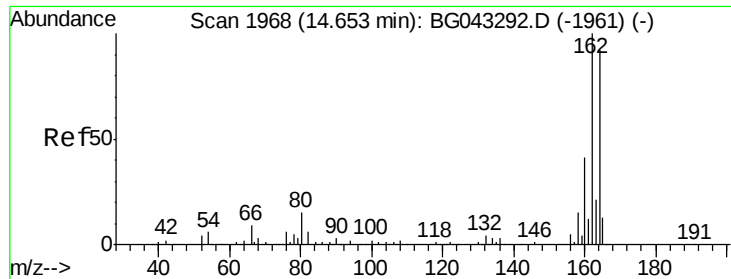
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.4	69.7	104.5
115	40.6	30.6	46.0



#38
 1-Methylnaphthalene
 Concen: 46.383 ng
 RT: 12.70 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BG043407.D
 Acq: 30 Oct 2019 19:16

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	72.3	108.5
116	4.0	3.8	5.6

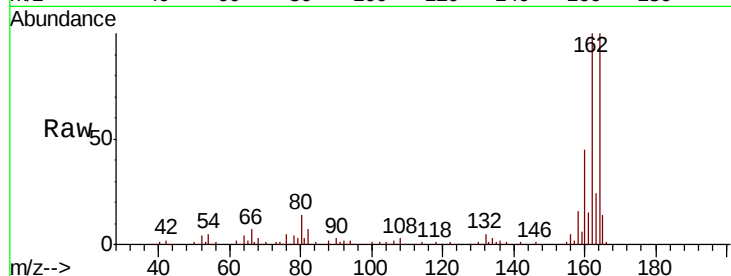




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG043407.D
Acq: 30 Oct 2019 19:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.5	87.0	130.4
160	45.6	35.5	53.3

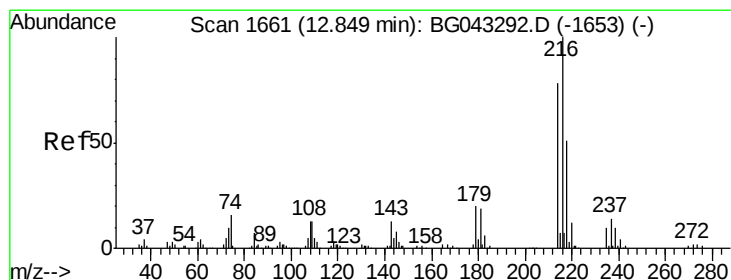
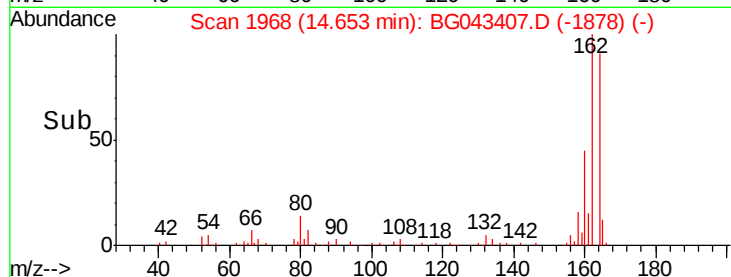
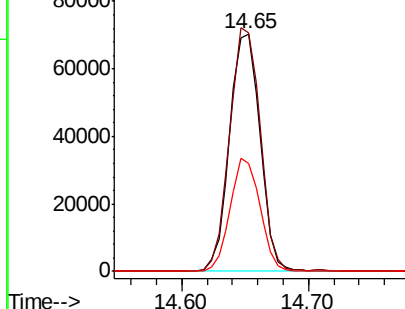


Abundance

Ion 164.00 (163.70 to 164.70): E

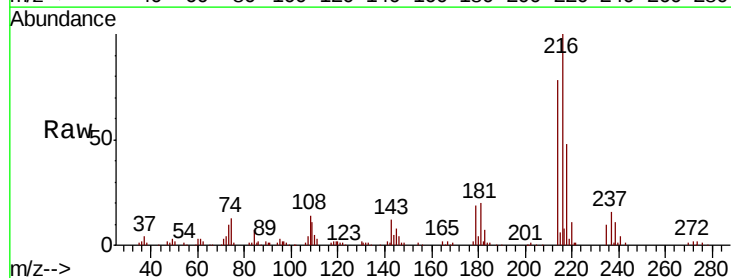
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.650 ng
RT: 12.85 min Scan# 1661
Delta R.T. -0.00 min
Lab File: BG043407.D
Acq: 30 Oct 2019 19:16

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.8	63.5	95.3
179	19.2	16.2	24.2
108	17.0	11.2	16.8#



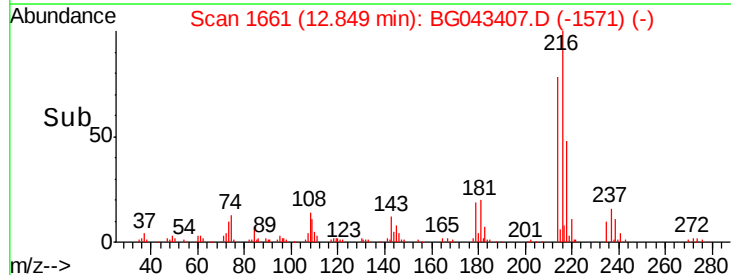
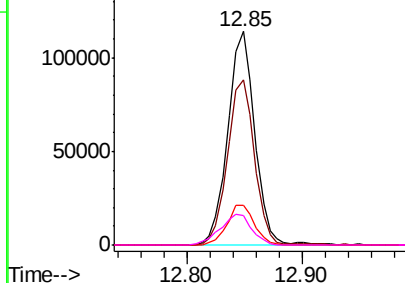
Abundance

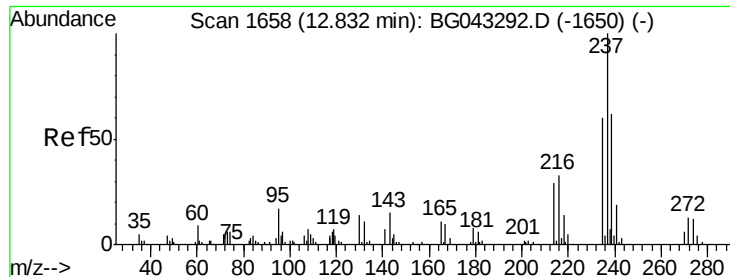
Ion 216.00 (215.70 to 216.70): E

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: 102.191 ng

RT: 12.83 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BG043407.D

Acq: 30 Oct 2019 19:16

Instrument :

BNA_G

ClientSampleId :

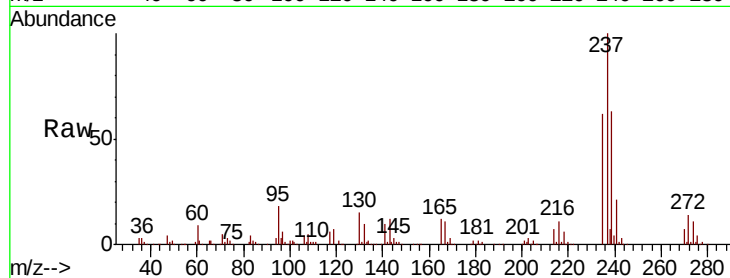
Tot Ion:237 Resp: 231758

Ion Ratio Lower Upper

237 100

235 61.7 40.3 80.3

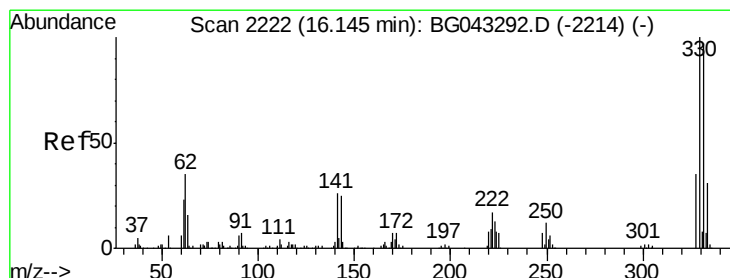
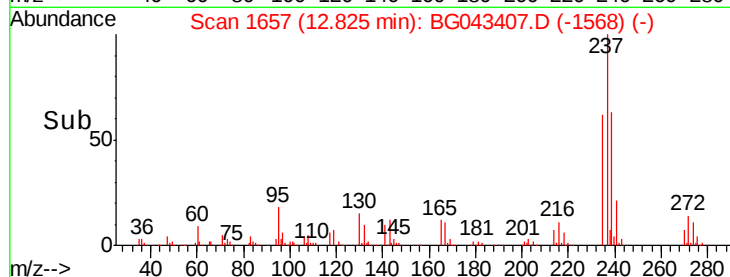
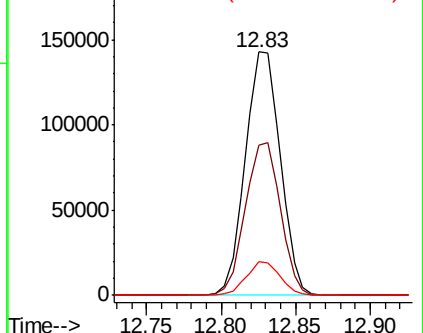
272 13.8 0.0 32.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 101.653 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.01 min

Lab File: BG043407.D

Acq: 30 Oct 2019 19:16

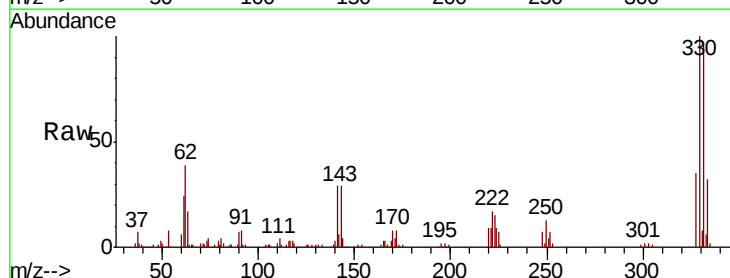
Tgt Ion:330 Resp: 225667

Ion Ratio Lower Upper

330 100

332 95.5 76.4 114.6

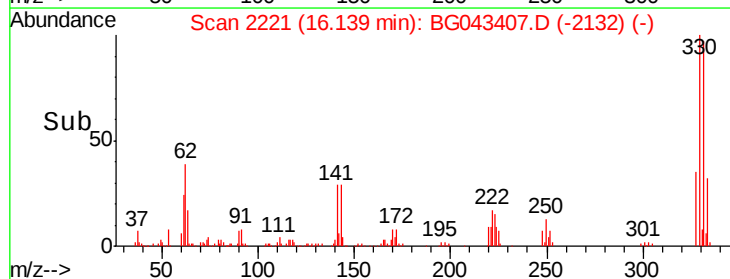
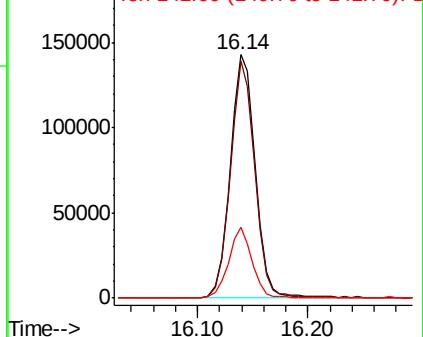
141 27.3 21.4 32.0

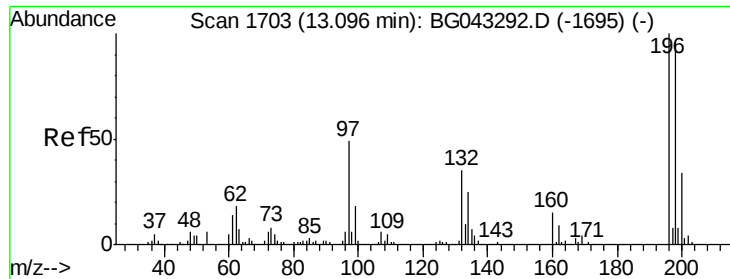


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

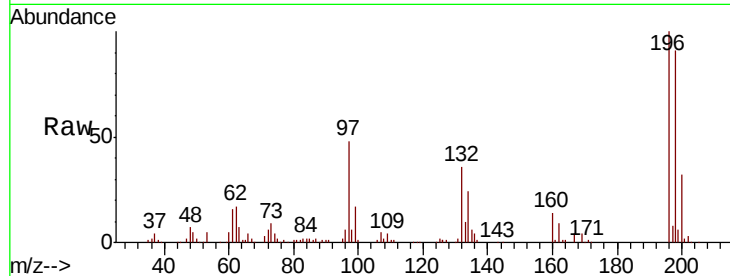




#43
 2,4,6-Trichlorophenol
 Concen: 49.140 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG043407.D
 Acq: 30 Oct 2019 19:16

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	124937
Ion Ratio	Lower	Upper	
196	100		
198	91.2	77.0	115.4
200	31.6	27.4	41.2

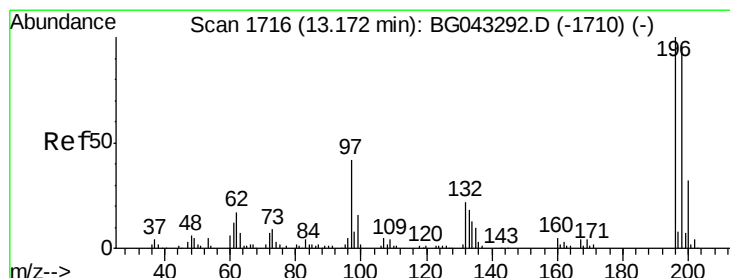
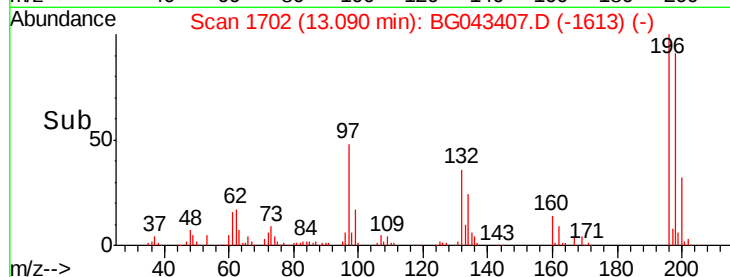
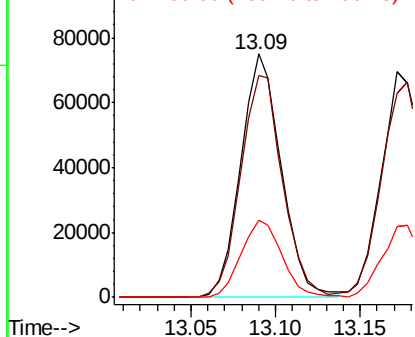


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 49.715 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG043407.D
 Acq: 30 Oct 2019 19:16

Tgt Ion	196	Resp	127788
Ion Ratio	Lower	Upper	
196	100		
198	90.4	76.6	114.8
97	40.9	34.1	51.1
132	23.0	18.2	27.4

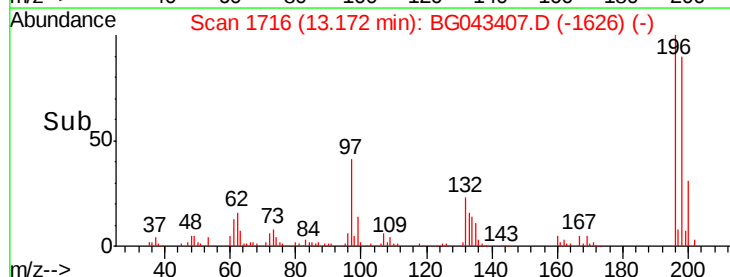
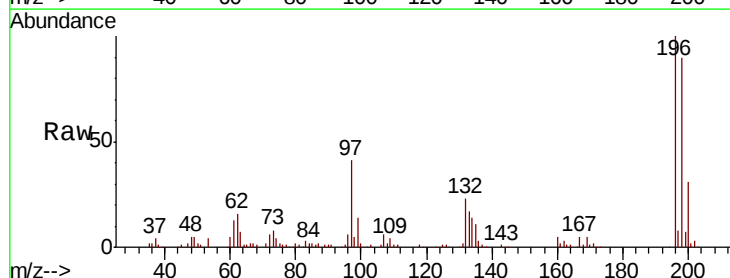
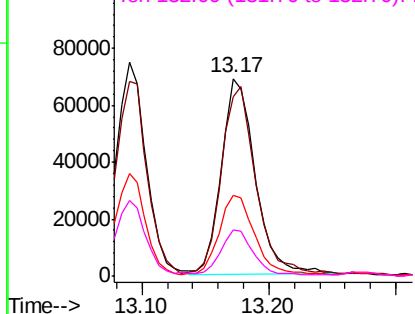
Abundance

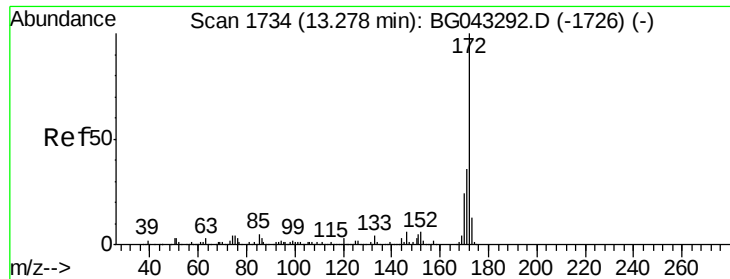
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

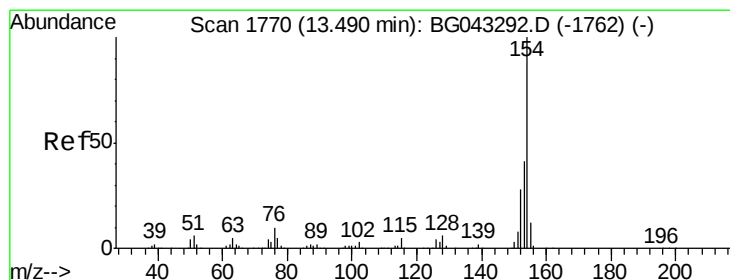
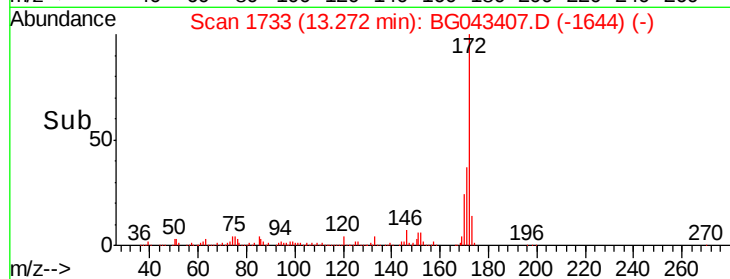
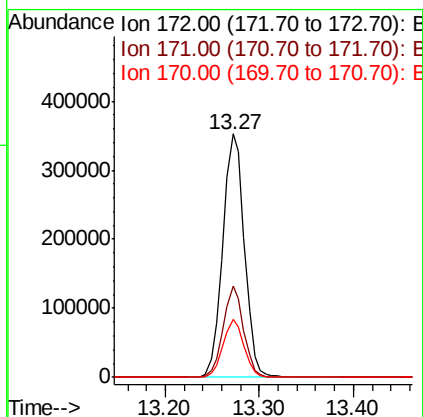
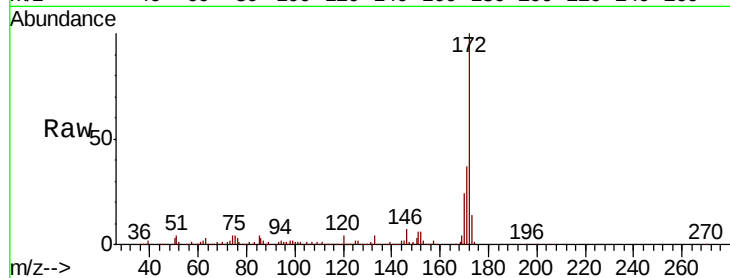




#45
2-Fluorobiphenyl
Concen: 66.893 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BG043407.D
Acq: 30 Oct 2019 19:16

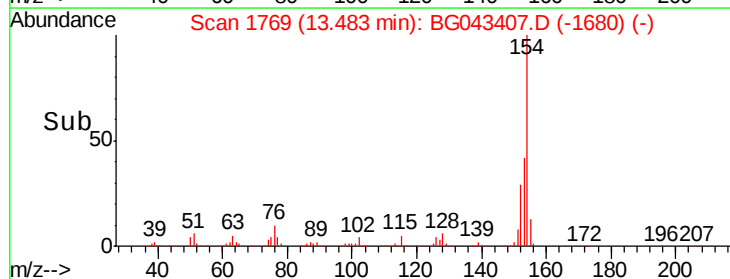
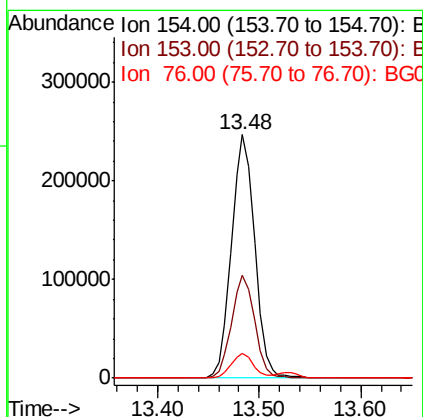
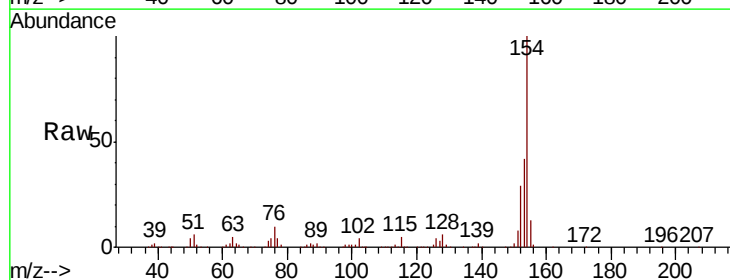
Instrument :
BNA_G
ClientSampleId :

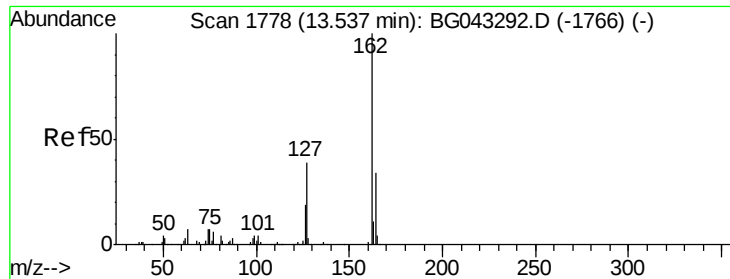
Tot Ion:172 Resp: 564731
Ion Ratio Lower Upper
172 100
171 37.5 28.5 42.7
170 24.0 18.8 28.2



#46
1,1'-Biphenyl
Concen: 44.320 ng
RT: 13.48 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BG043407.D
Acq: 30 Oct 2019 19:16

Tgt Ion:154 Resp: 393322
Ion Ratio Lower Upper
154 100
153 42.3 21.0 61.0
76 10.2 0.0 29.8





#47

2-Chloronaphthalene

Concen: 44.450 ng

RT: 13.52 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BG043407.D

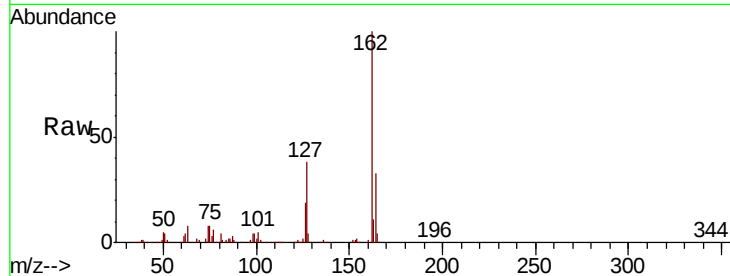
Acq: 30 Oct 2019 19:16

Instrument :

BNA_G

ClientSampled :

Tot Ion:	162	Resp:	300143
Ion	Ratio	Lower	Upper
162	100		
127	38.3	31.3	46.9
164	33.4	26.8	40.2

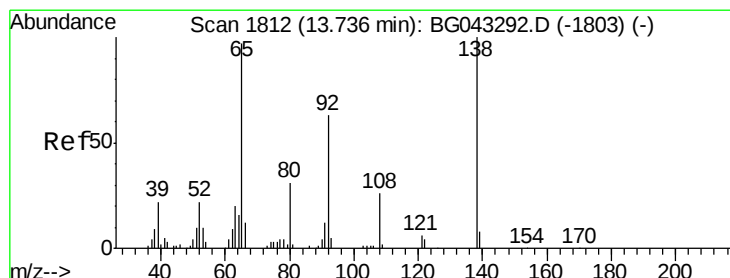
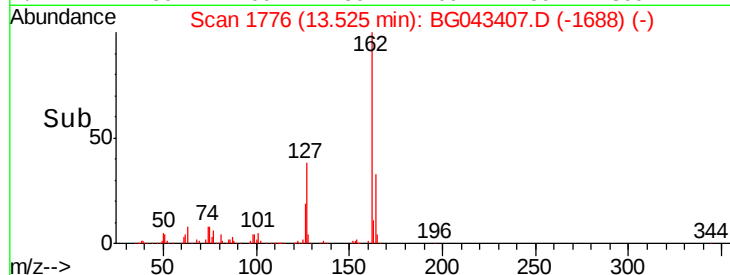
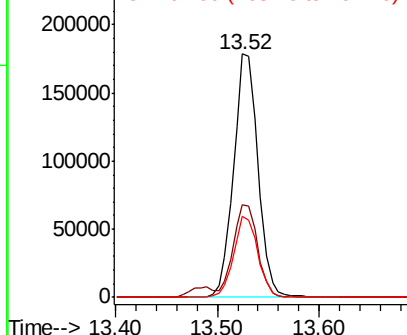


Abundance

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: 46.172 ng

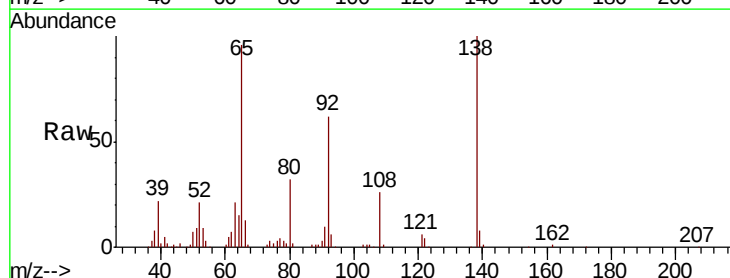
RT: 13.74 min Scan# 1812

Delta R.T. -0.00 min

Lab File: BG043407.D

Acq: 30 Oct 2019 19:16

Tgt Ion:	65	Resp:	93181
Ion	Ratio	Lower	Upper
65	100		
92	64.9	52.6	79.0
138	104.1	82.9	124.3

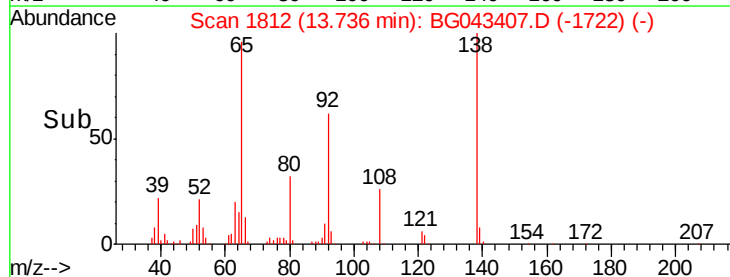
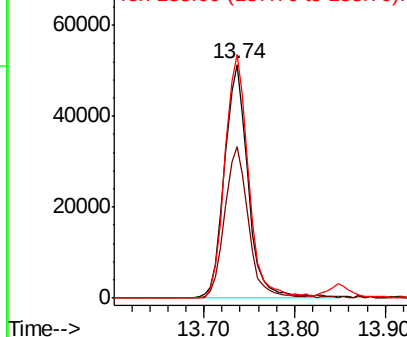


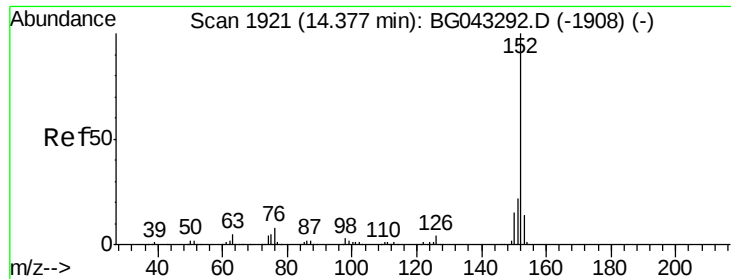
Abundance

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: 47.161 ng

RT: 14.37 min Scan# 1920

Delta R.T. -0.01 min

Lab File: BG043407.D

Acq: 30 Oct 2019 19:16

Instrument :

BNA_G

ClientSampleId :

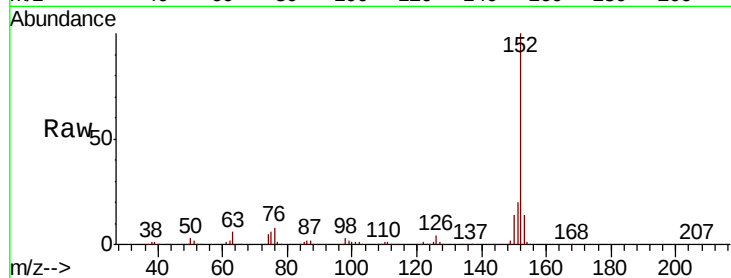
Tot Ion:152 Resp: 495625

Ion Ratio Lower Upper

152 100

151 19.9 17.2 25.8

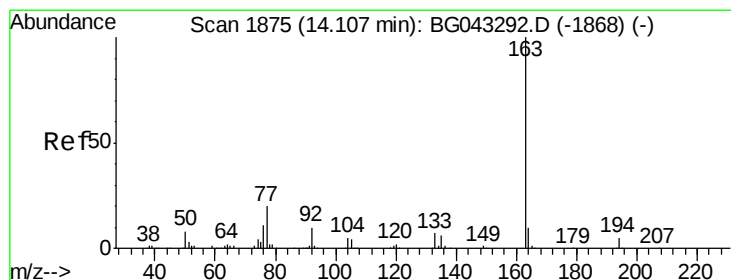
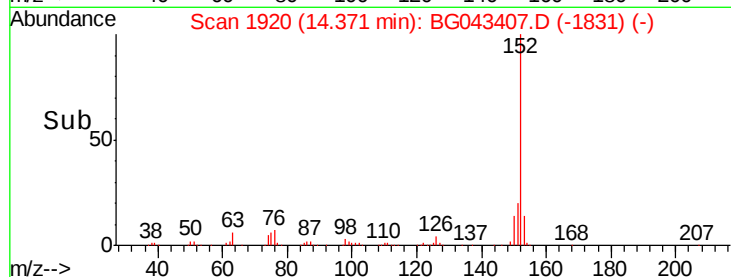
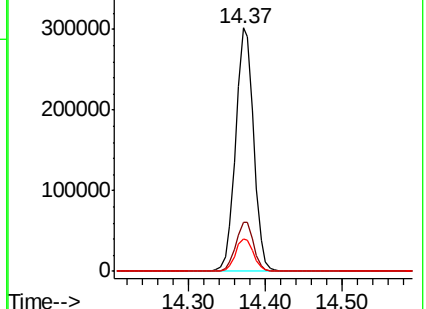
153 13.5 11.0 16.6



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: 51.445 ng

RT: 14.11 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BG043407.D

Acq: 30 Oct 2019 19:16

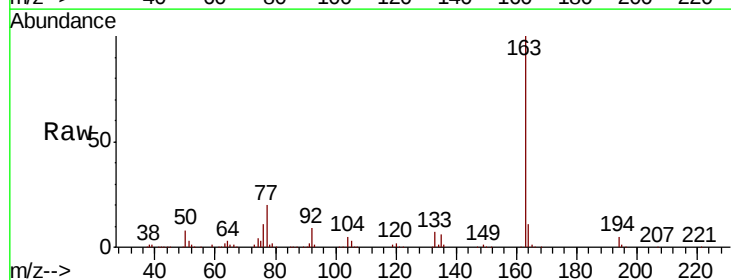
Tgt Ion:163 Resp: 464852

Ion Ratio Lower Upper

163 100

194 4.7 3.7 5.5

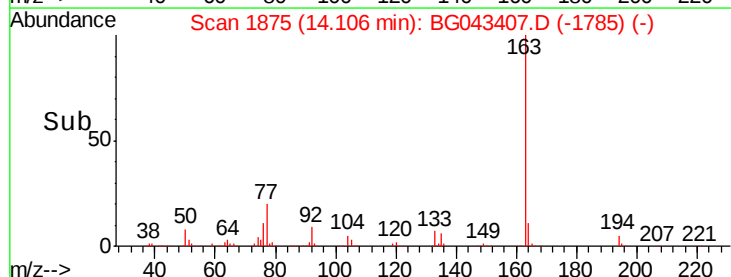
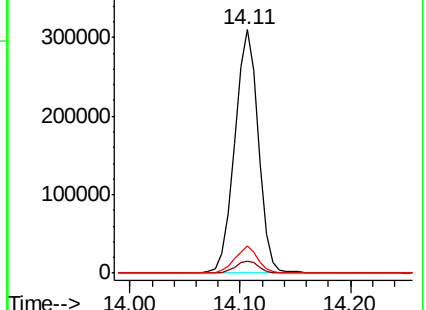
164 11.0 8.1 12.1

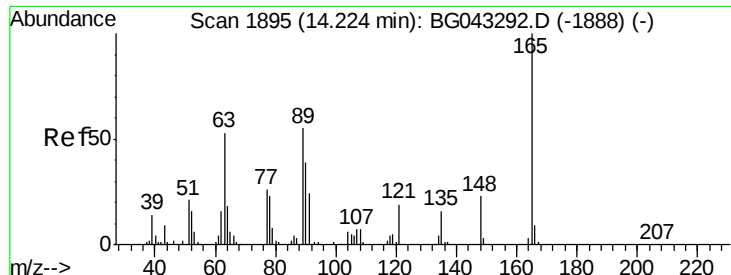


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

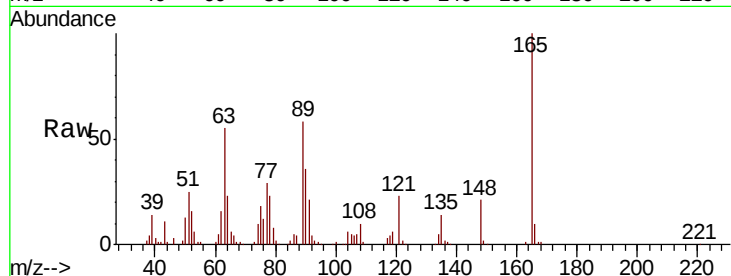




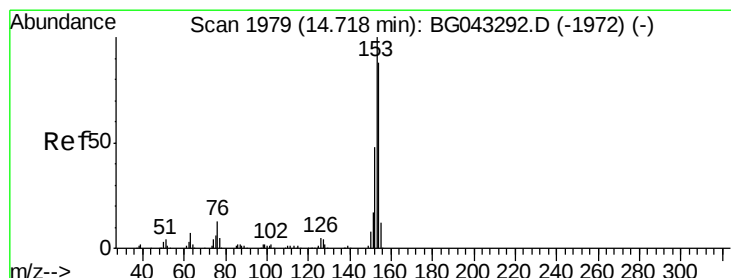
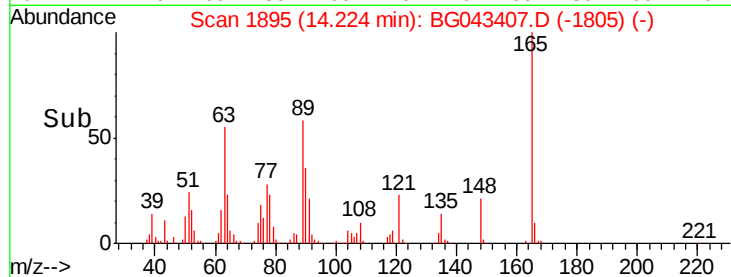
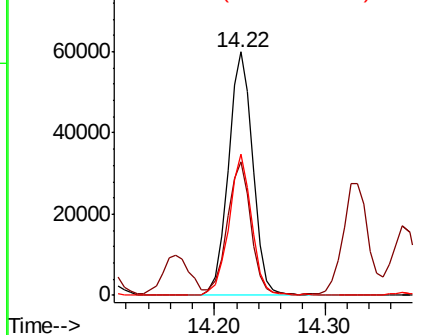
#51
 2,6-Dinitrotoluene
 Concen: 47.328 ng
 RT: 14.22 min Scan# 1895
 Delta R.T. -0.00 min
 Lab File: BG043407.D
 Acq: 30 Oct 2019 19:16

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	55.0	47.1	70.7
89	58.0	43.7	65.5

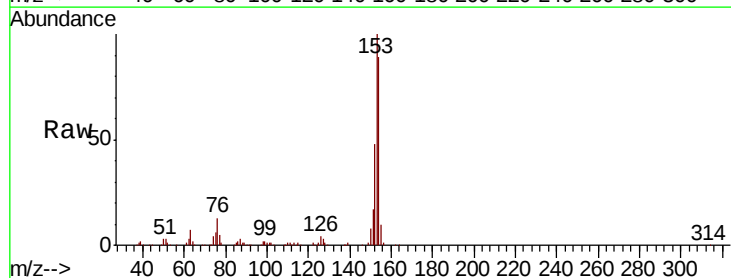


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

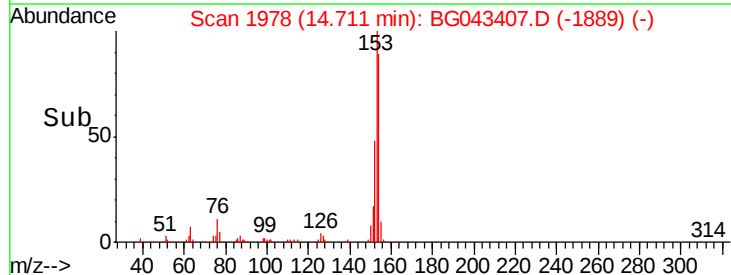
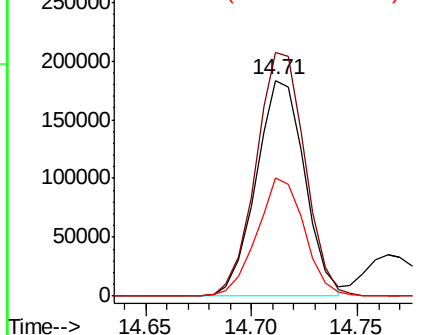


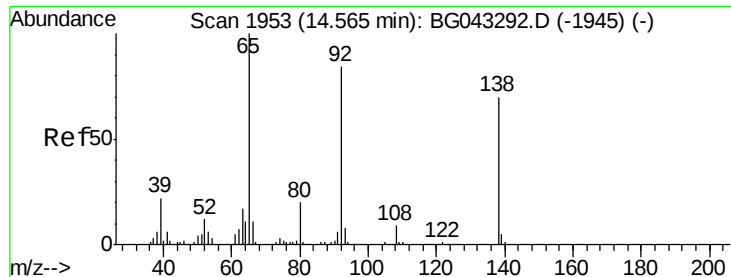
#52
 Acenaphthene
 Concen: 45.796 ng
 RT: 14.71 min Scan# 1978
 Delta R.T. -0.01 min
 Lab File: BG043407.D
 Acq: 30 Oct 2019 19:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.8	90.9	136.3
152	54.6	43.9	65.9



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

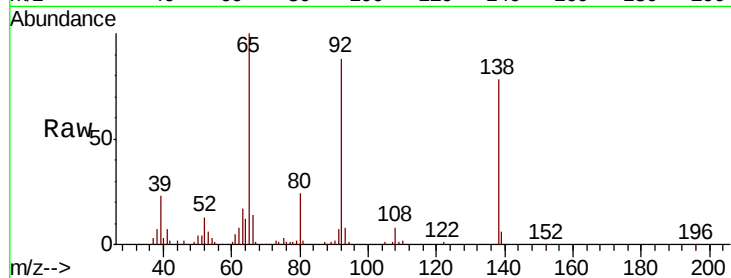




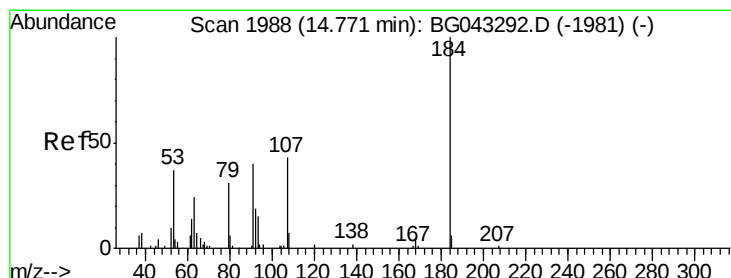
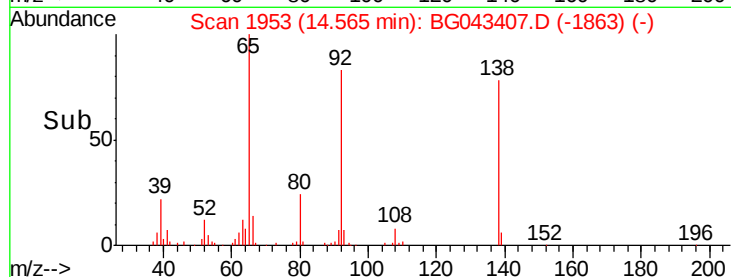
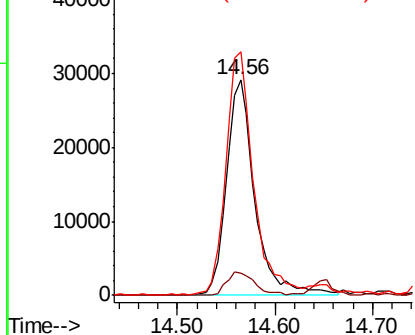
#53
 3-Nitroaniline
 Concen: 30.942 ng
 RT: 14.56 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: BG043407.D
 Acq: 30 Oct 2019 19:16

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:138 Resp: 58643
 Ion Ratio Lower Upper
 138 100
 108 10.2 9.8 14.6
 92 113.0 95.8 143.6

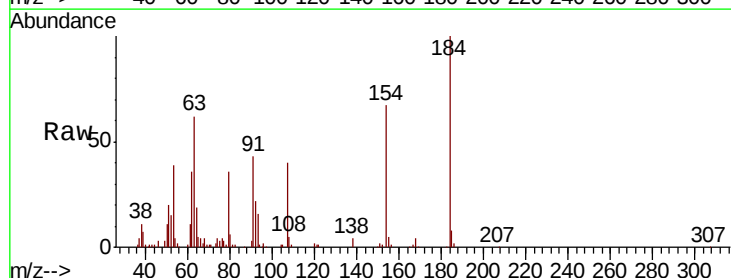


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BGC

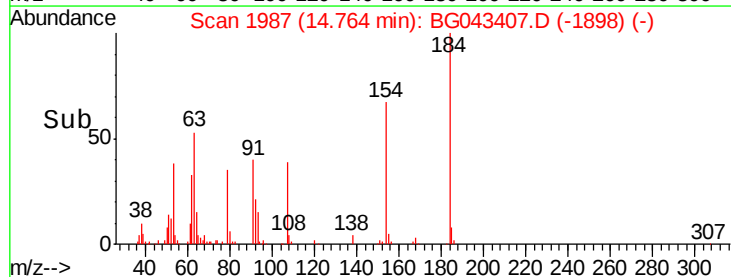
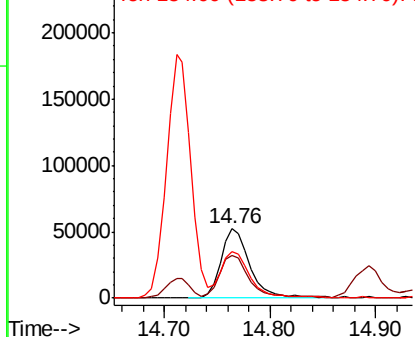


#54
 2,4-Dinitrophenol
 Concen: 81.377 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. -0.01 min
 Lab File: BG043407.D
 Acq: 30 Oct 2019 19:16

Tgt Ion:184 Resp: 99921
 Ion Ratio Lower Upper
 184 100
 63 62.4 48.8 73.2
 154 66.5 49.4 74.0



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

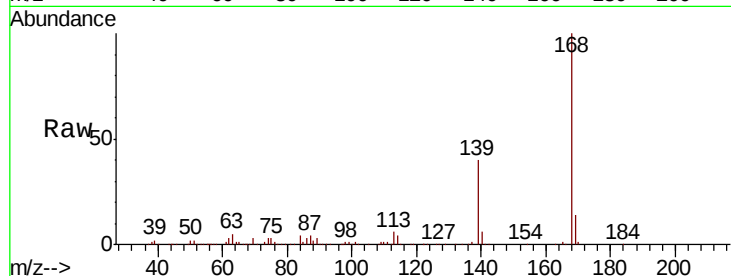




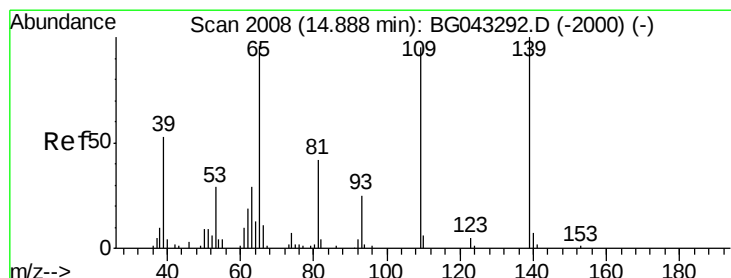
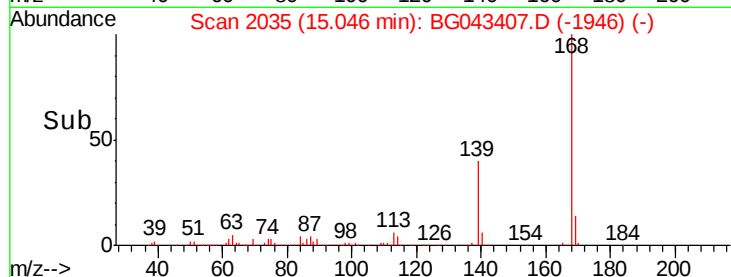
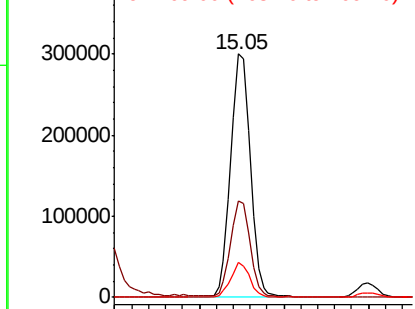
#55
Dibenzenofuran
Concen: 46.430 ng
RT: 15.05 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG043407.D
Acq: 30 Oct 2019 19:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 482539
Ion Ratio Lower Upper
168 100
139 39.6 31.7 47.5
169 14.1 11.0 16.4

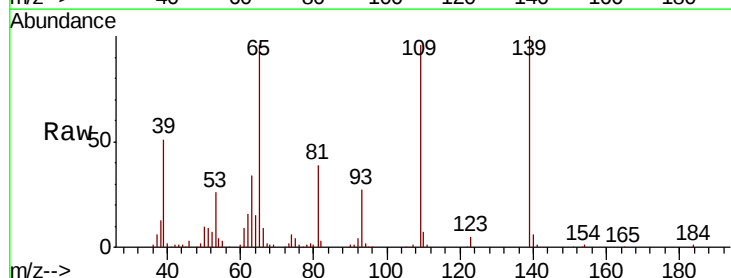


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

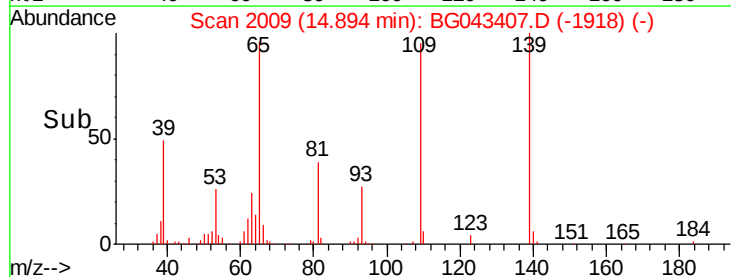
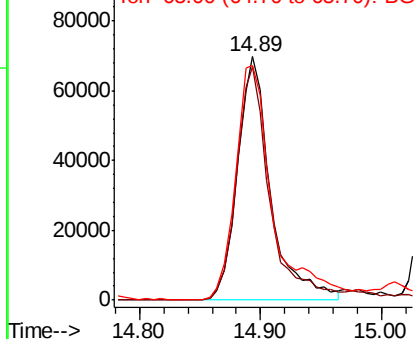


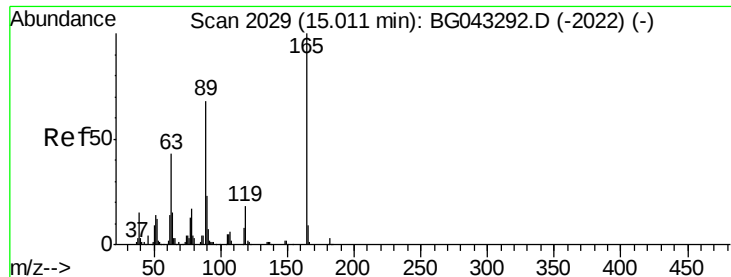
#56
4-Nitrophenol
Concen: 105.368 ng
RT: 14.89 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BG043407.D
Acq: 30 Oct 2019 19:16

Tgt Ion:139 Resp: 133824
Ion Ratio Lower Upper
139 100
109 95.6 75.4 115.4
65 96.2 76.6 116.6



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

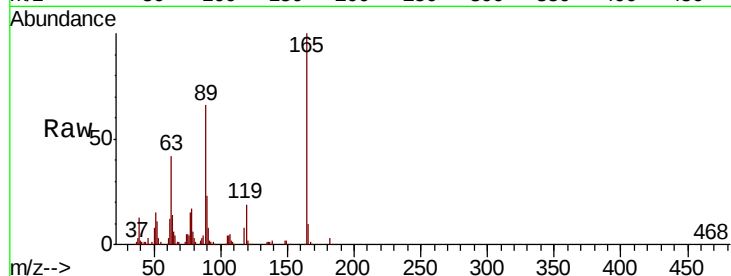




#57
 2,4-Dinitrotoluene
 Concen: 46.774 ng
 RT: 15.01 min Scan# 2029
 Delta R.T. -0.00 min
 Lab File: BG043407.D
 Acq: 30 Oct 2019 19:16

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.8	35.0	52.6
89	65.6	54.1	81.1
182	2.8	2.2	3.2



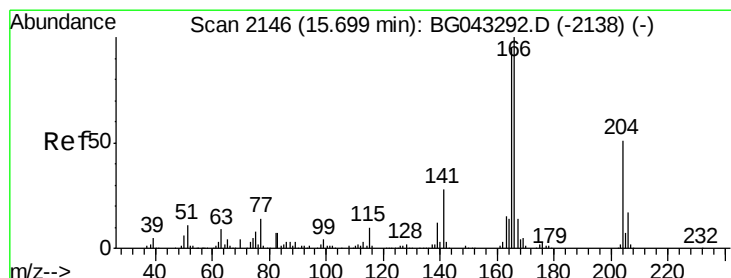
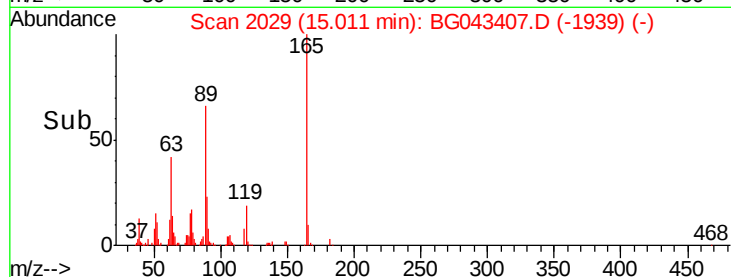
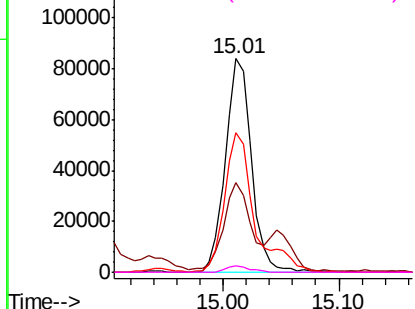
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

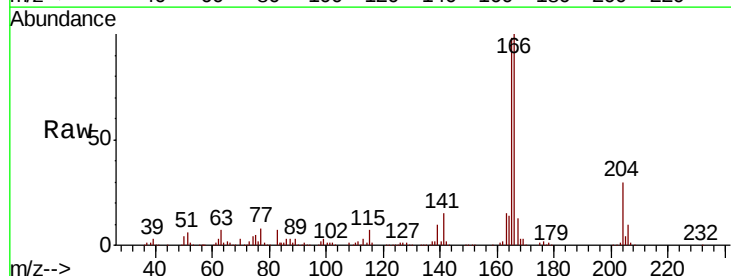
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 46.442 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.00 min
 Lab File: BG043407.D
 Acq: 30 Oct 2019 19:16

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.9	76.4	114.6
167	13.1	11.1	16.7

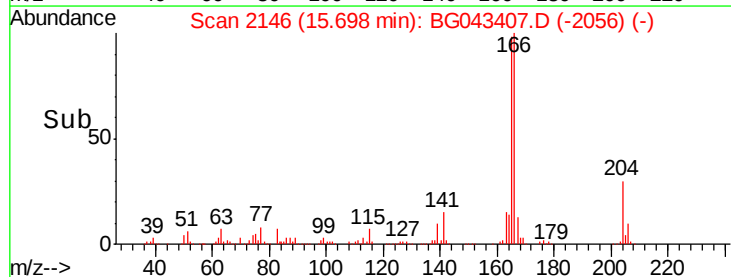
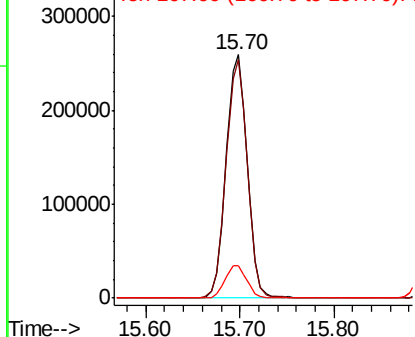


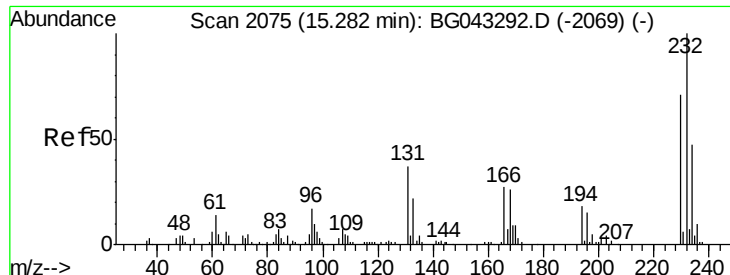
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

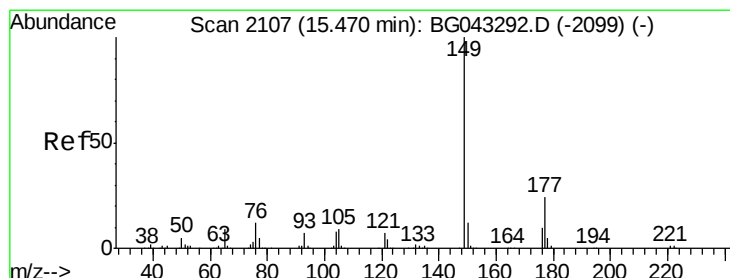
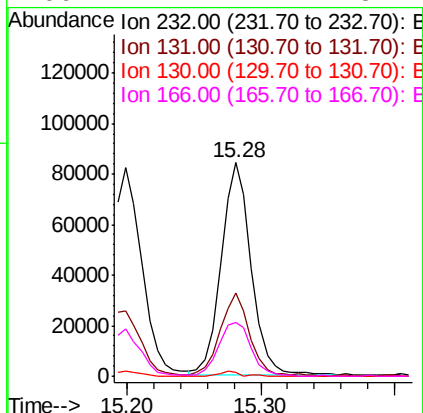
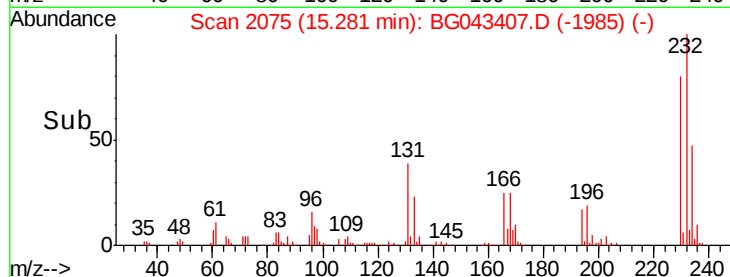
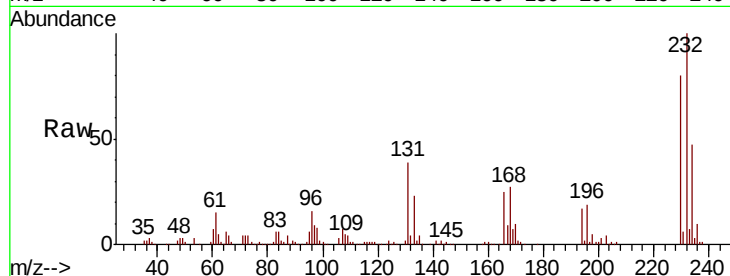




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.446 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. -0.00 min
 Lab File: BG043407.D
 Acq: 30 Oct 2019 19:16

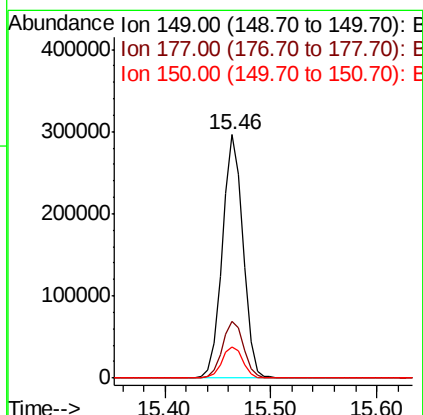
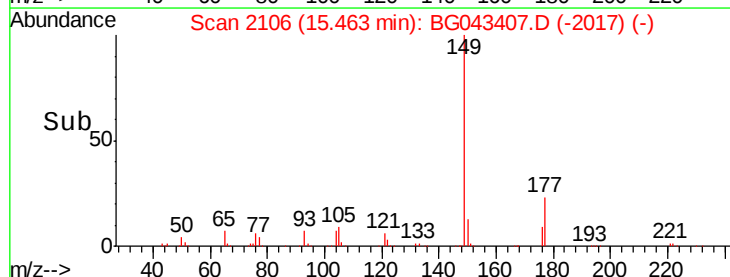
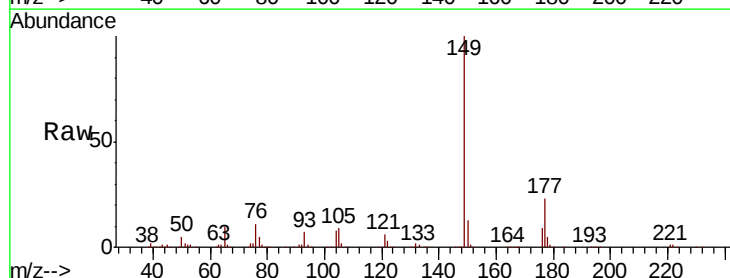
Instrument :
 BNA_G
 ClientSampleId :

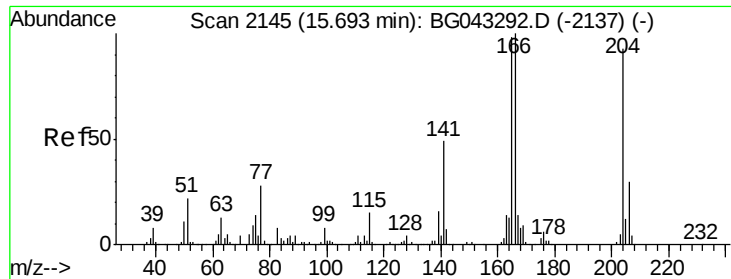
Tot Ion:232 Resp: 132302
 Ion Ratio Lower Upper
 232 100
 131 38.4 28.7 43.1
 130 1.7 0.6 0.8#
 166 27.4 21.1 31.7



#60
 Diethylphthalate
 Concen: 44.458 ng
 RT: 15.46 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: BG043407.D
 Acq: 30 Oct 2019 19:16

Tgt Ion:149 Resp: 403638
 Ion Ratio Lower Upper
 149 100
 177 23.4 19.0 28.4
 150 12.6 9.4 14.0

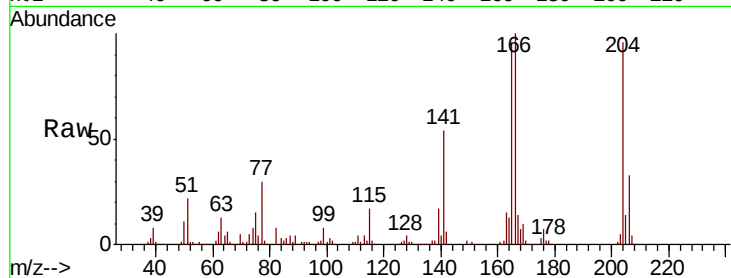




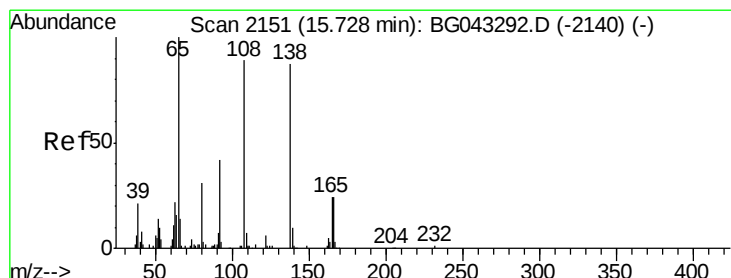
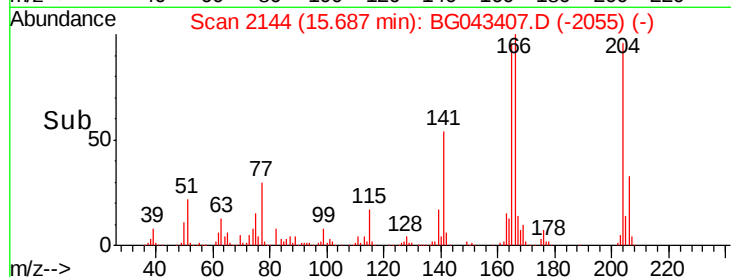
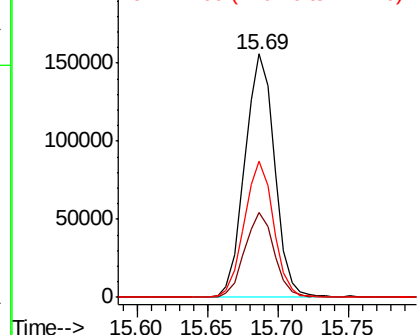
#61
4-Chlorophenyl-phenylether
Concen: 45.394 ng
RT: 15.69 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BG043407.D
Acq: 30 Oct 2019 19:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 230836
Ion Ratio Lower Upper
204 100
206 34.9 25.7 38.5
141 56.1 42.3 63.5

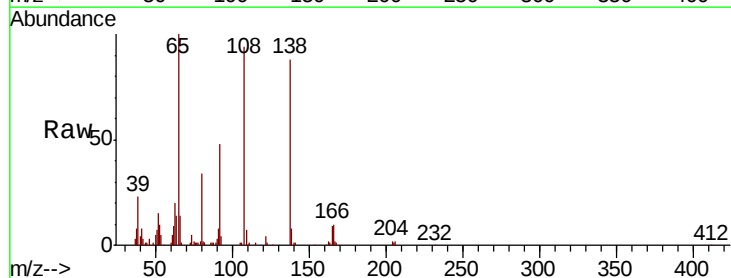


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

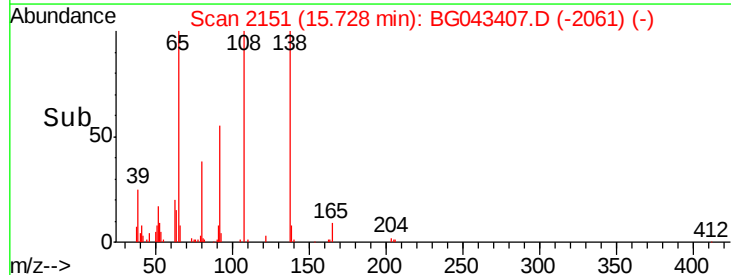
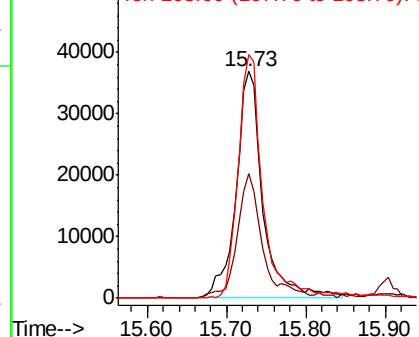


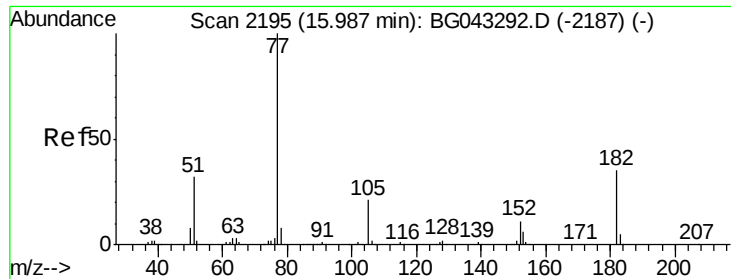
#62
4-Nitroaniline
Concen: 44.090 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG043407.D
Acq: 30 Oct 2019 19:16

Tgt Ion:138 Resp: 86298
Ion Ratio Lower Upper
138 100
92 54.7 28.8 68.8
108 107.5 82.7 122.7



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

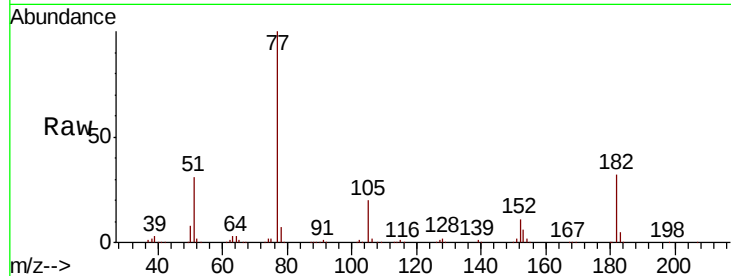




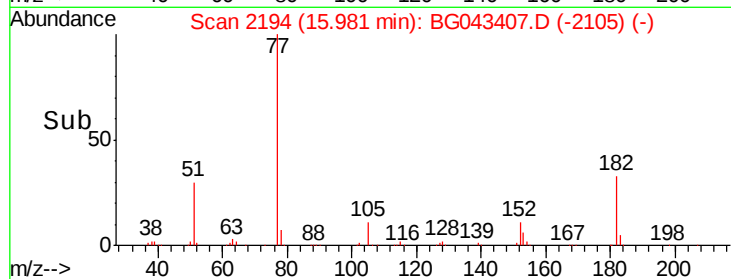
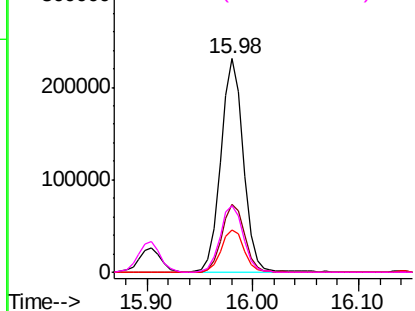
#63
Azobenzene
Concen: 46.612 ng
RT: 15.98 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BG043407.D
Acq: 30 Oct 2019 19:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	31.7	14.9	54.9
105	20.1	0.6	40.6
51	31.4	12.5	52.5

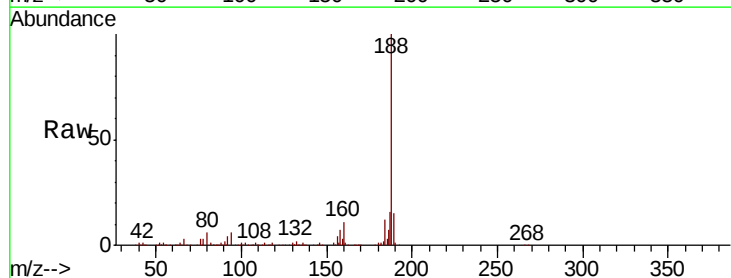


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

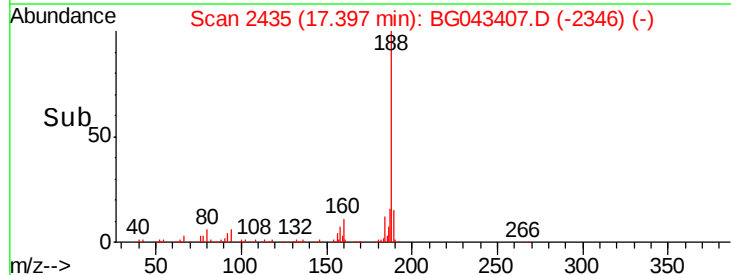
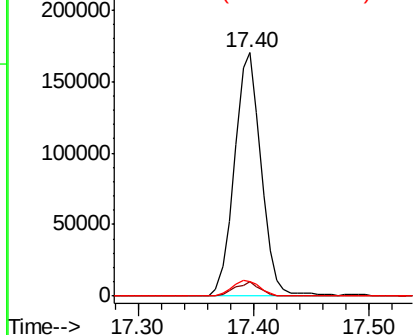


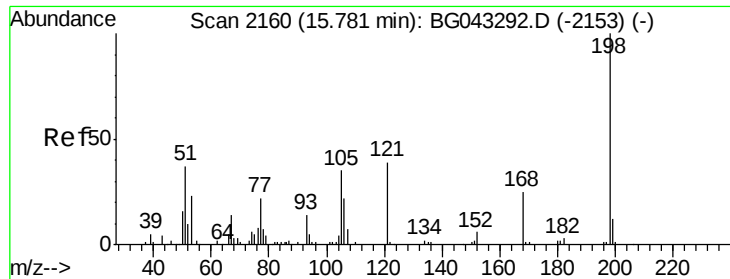
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043407.D
Acq: 30 Oct 2019 19:16

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.2	4.2	6.2
80	6.0	5.2	7.8



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: 51.002 ng

RT: 15.78 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG043407.D

Acq: 30 Oct 2019 19:16

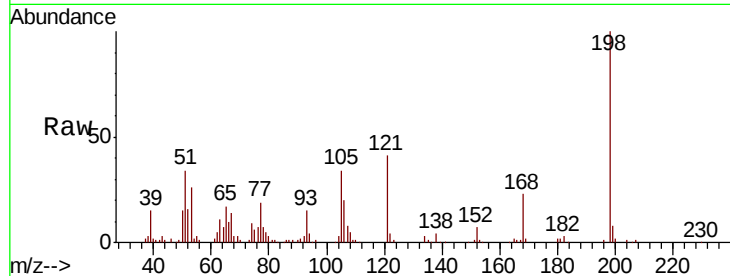
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 81730

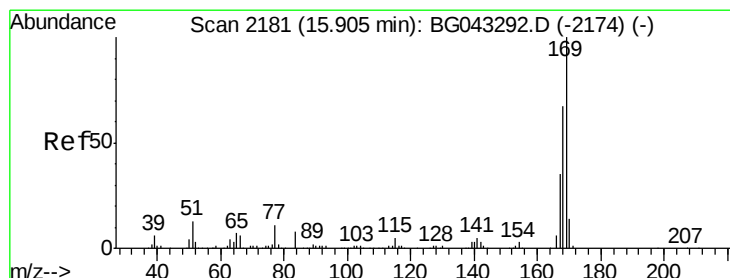
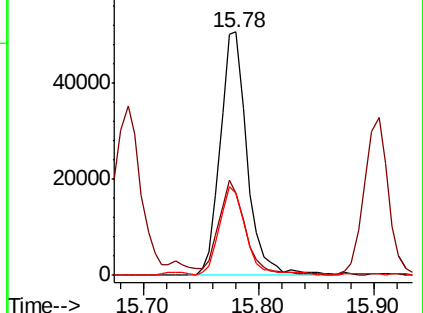
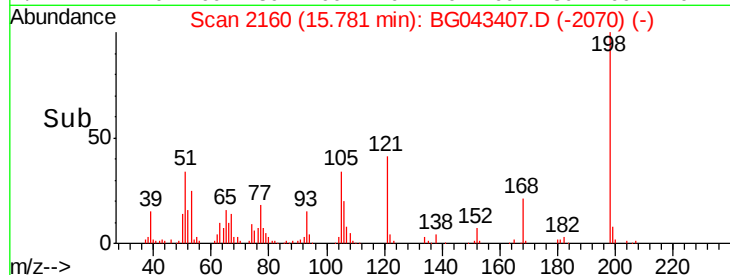
Ion	Ratio	Lower	Upper
198	100		
51	33.6	21.4	61.4
105	33.9	16.5	56.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG043407.D (-2091) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 46.917 ng

RT: 15.90 min Scan# 2181

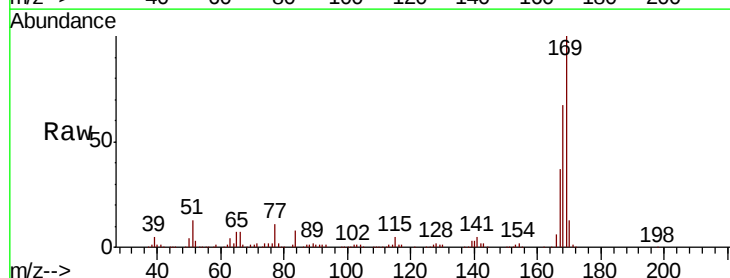
Delta R.T. -0.00 min

Lab File: BG043407.D

Acq: 30 Oct 2019 19:16

Tgt Ion:169 Resp: 360684

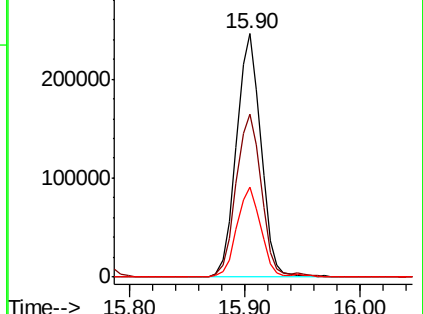
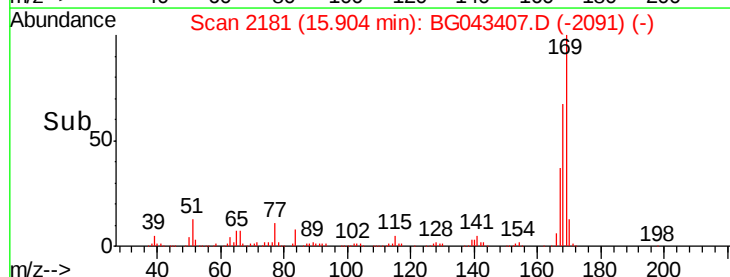
Ion	Ratio	Lower	Upper
169	100		
168	66.9	53.9	80.9
167	36.9	28.3	42.5



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

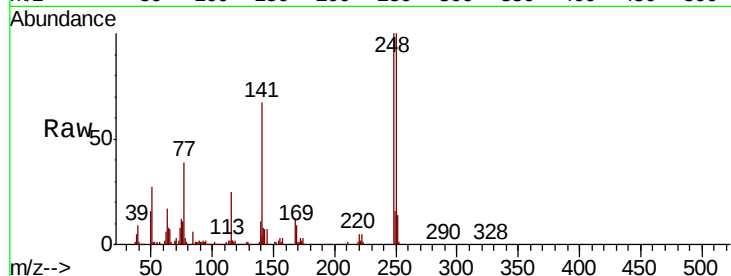




#67
4-Bromophenyl-phenylether
Concen: 44.804 ng
RT: 16.58 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BG043407.D
Acq: 30 Oct 2019 19:16

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.9	79.3	118.9
141	66.6	47.9	71.9

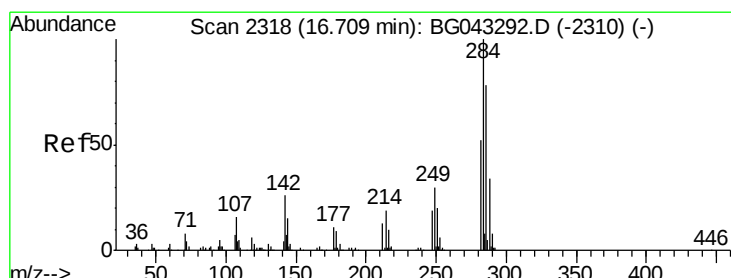
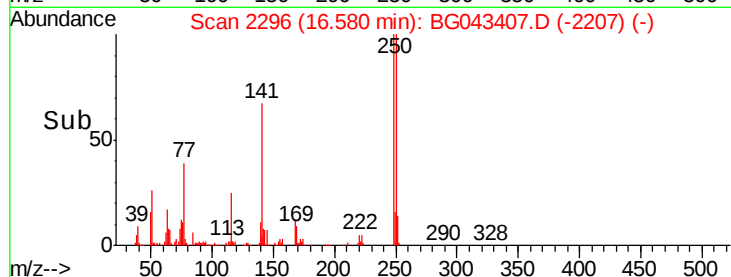
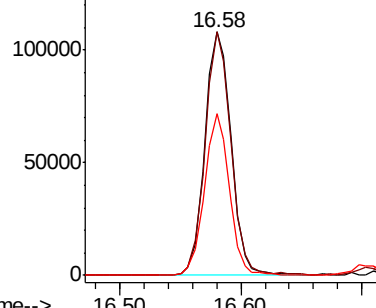


Abundance

Ion 248.00 (247.70 to 248.70): E

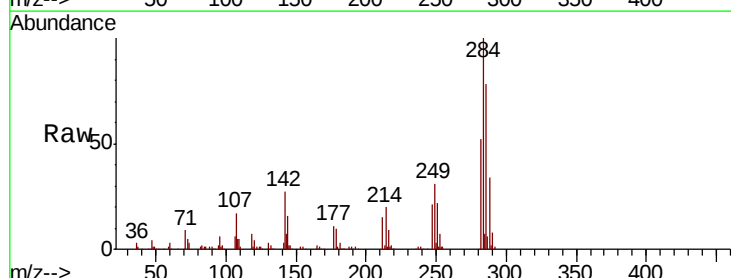
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 44.265 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.01 min
Lab File: BG043407.D
Acq: 30 Oct 2019 19:16

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.0	21.1	31.7
249	31.3	24.4	36.6

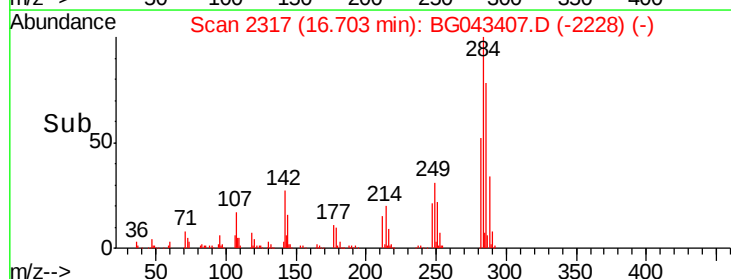
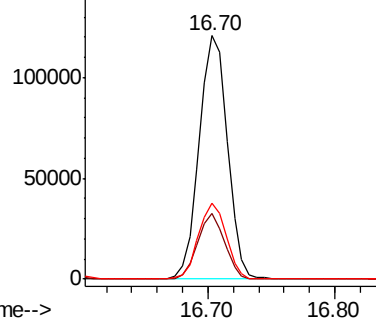


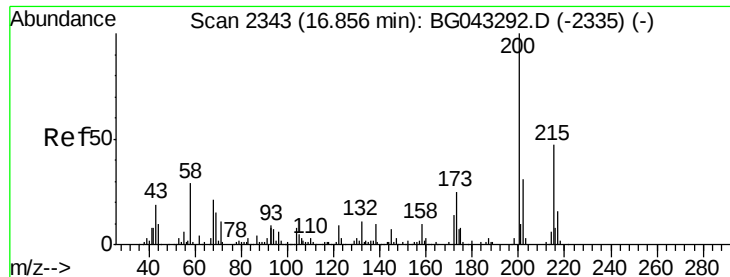
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

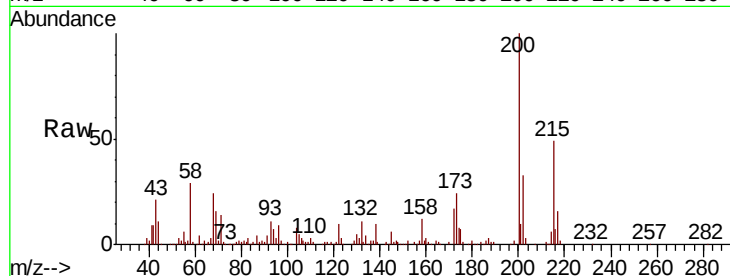




#69
 Atrazine
 Concen: 57.785 ng
 RT: 16.85 min Scan# 2342
 Delta R.T. -0.01 min
 Lab File: BG043407.D
 Acq: 30 Oct 2019 19:16

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.9	5.1	45.1
215	49.2	26.6	66.6

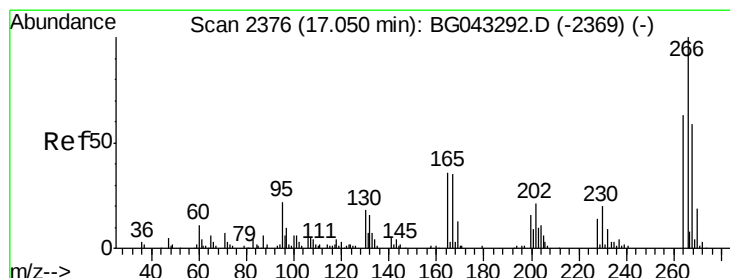
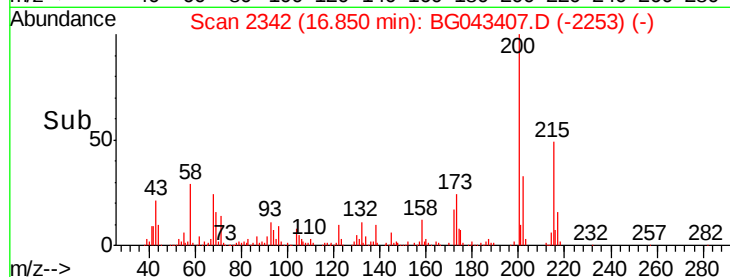
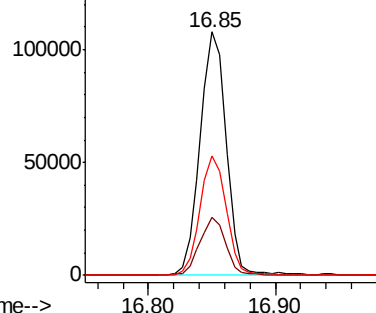


Abundance

Ion 200.00 (199.70 to 200.70): E

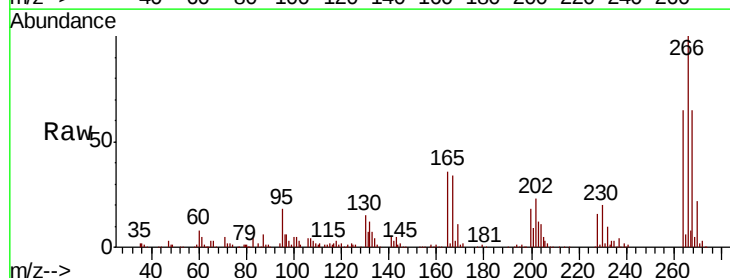
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 106.158 ng
 RT: 17.06 min Scan# 2377
 Delta R.T. 0.01 min
 Lab File: BG043407.D
 Acq: 30 Oct 2019 19:16

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.5	47.1	70.7
264	65.1	50.4	75.6

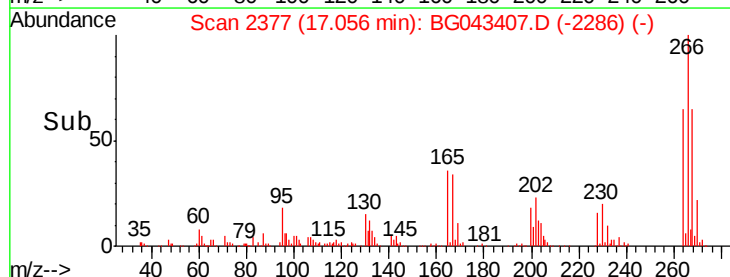
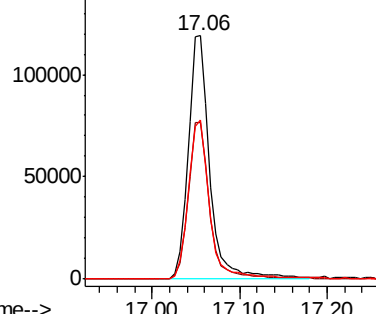


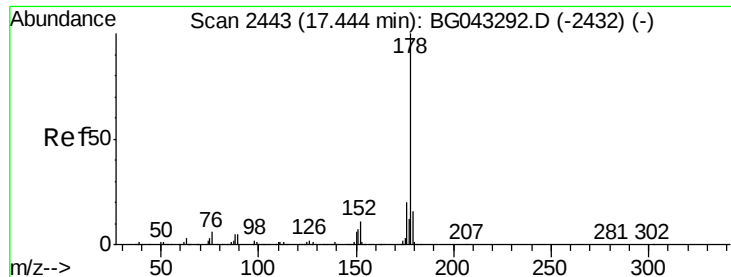
Abundance

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: 45.919 ng

RT: 17.44 min Scan# 2442

Delta R.T. -0.01 min

Lab File: BG043407.D

Acq: 30 Oct 2019 19:16

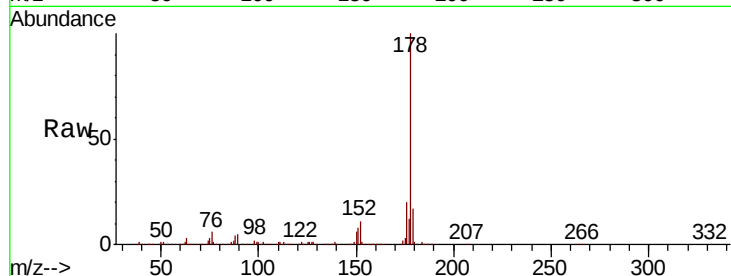
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 640284

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	16.5	13.1	19.7

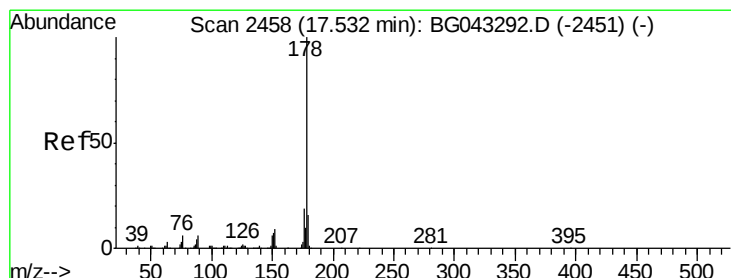
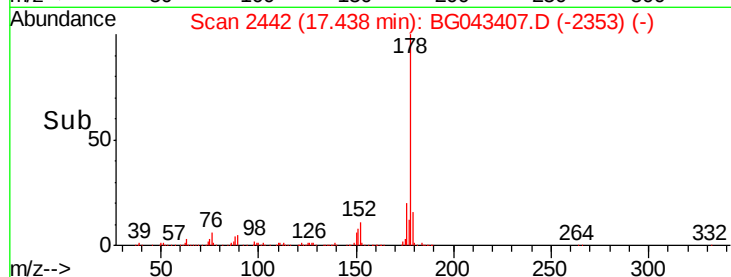
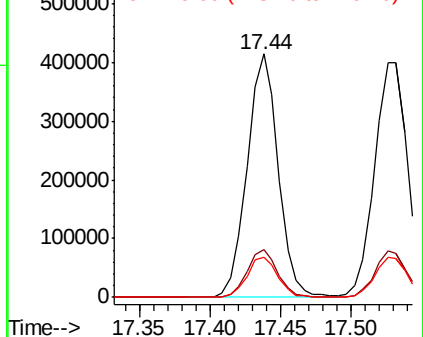


Abundance

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: 47.475 ng

RT: 17.53 min Scan# 2458

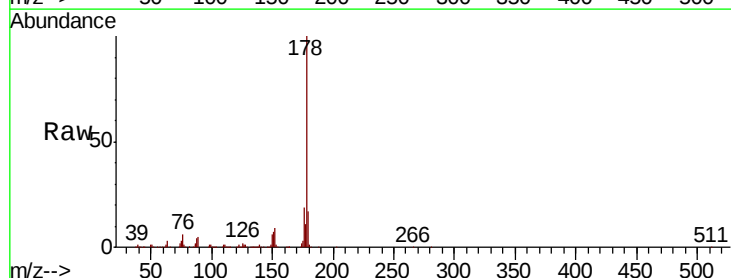
Delta R.T. -0.00 min

Lab File: BG043407.D

Acq: 30 Oct 2019 19:16

Tgt Ion:178 Resp: 662327

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.1	22.7
179	16.6	13.0	19.6

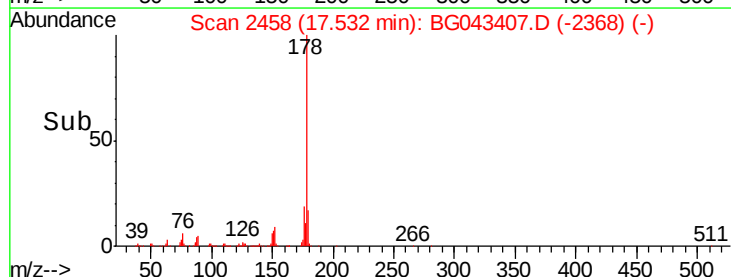
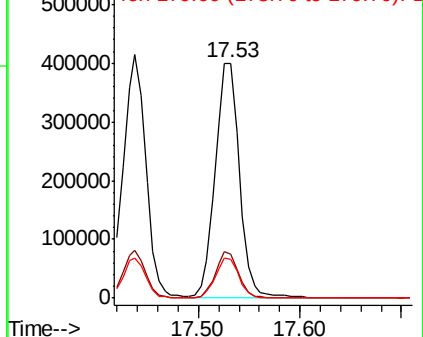


Abundance

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

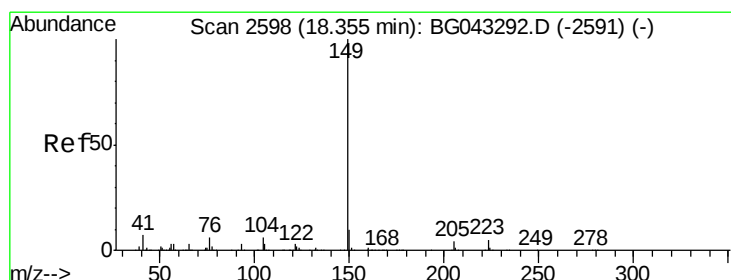
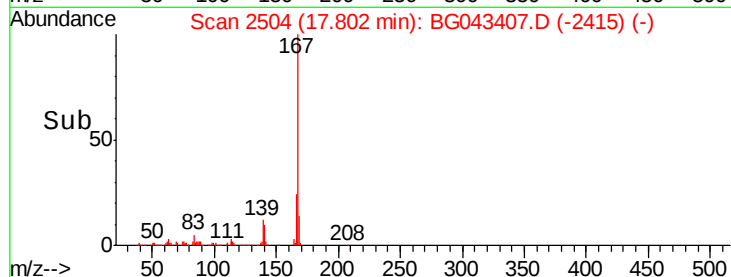
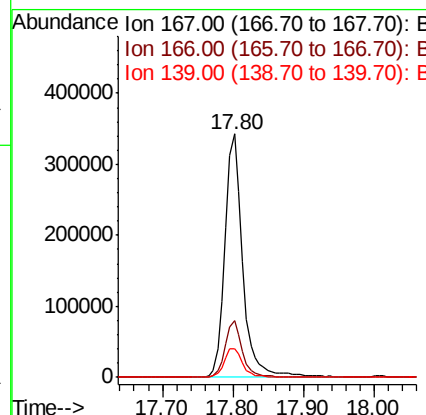
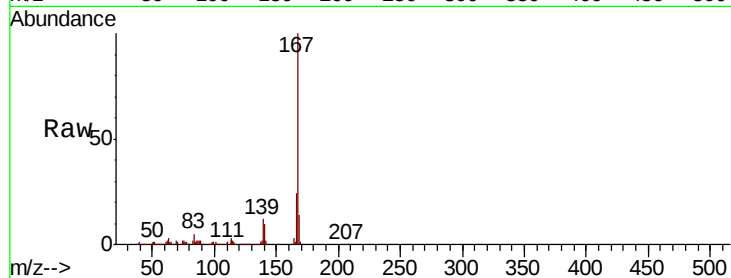




#73
 Carbazole
 Concen: 47.530 ng
 RT: 17.80 min Scan# 2504
 Delta R.T. -0.01 min
 Lab File: BG043407.D
 Acq: 30 Oct 2019 19:16

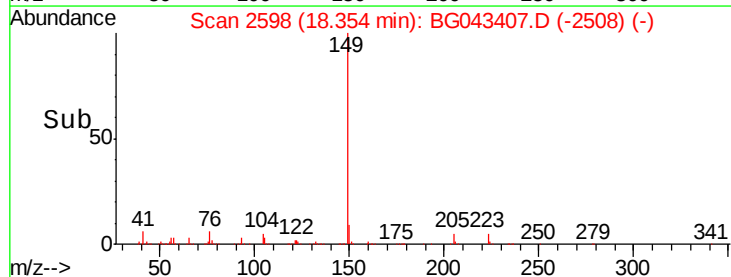
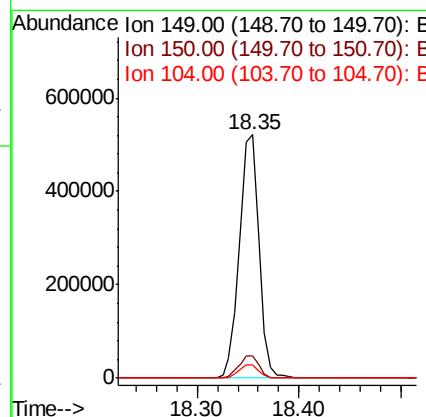
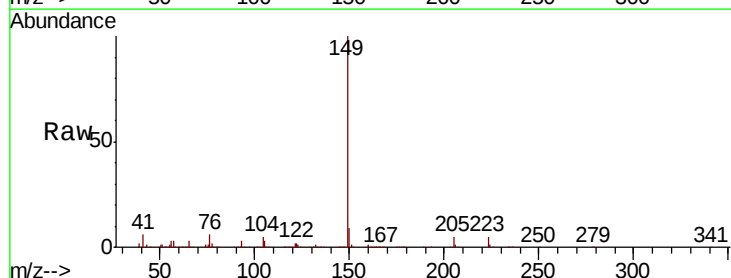
Instrument :
 BNA_G
 ClientSampleId :

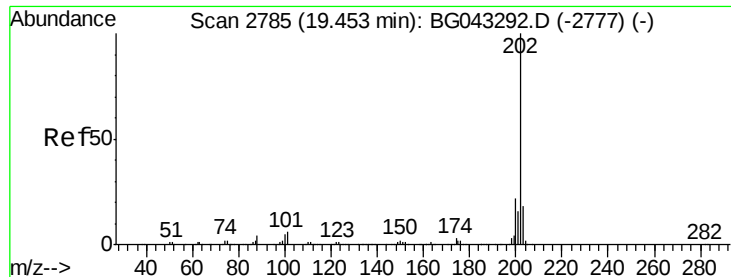
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.5	18.4	27.6
139	11.7	10.2	15.4



#74
 Di-n-butylphthalate
 Concen: 45.895 ng
 RT: 18.35 min Scan# 2598
 Delta R.T. -0.00 min
 Lab File: BG043407.D
 Acq: 30 Oct 2019 19:16

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	8.0	12.0
104	5.3	4.7	7.1





#75

Fluoranthene

Concen: 47.690 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG043407.D

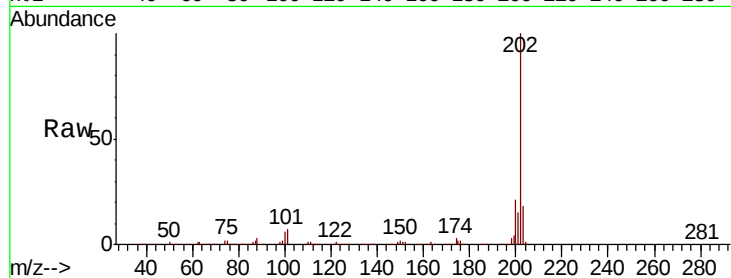
Acq: 30 Oct 2019 19:16

Instrument :

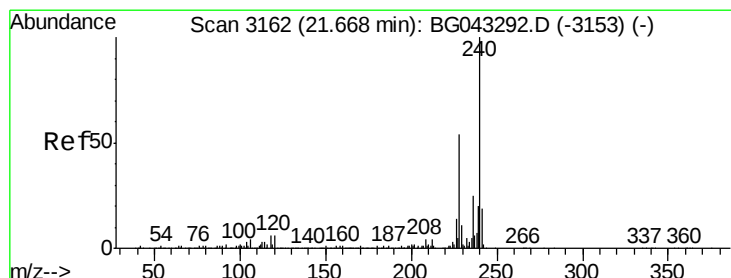
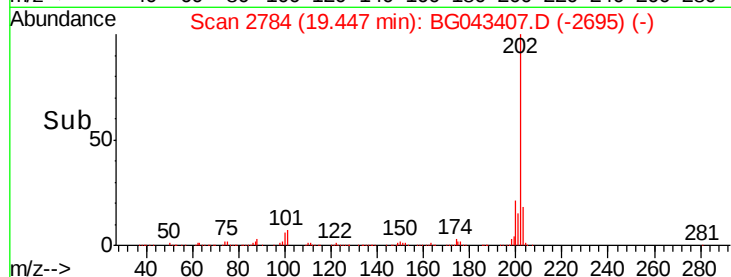
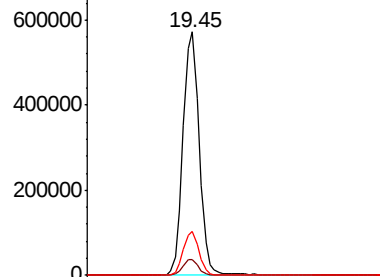
BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	866922
Ion	Ratio	Lower	Upper
202	100		
101	6.7	0.0	26.0
203	18.3	0.0	38.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

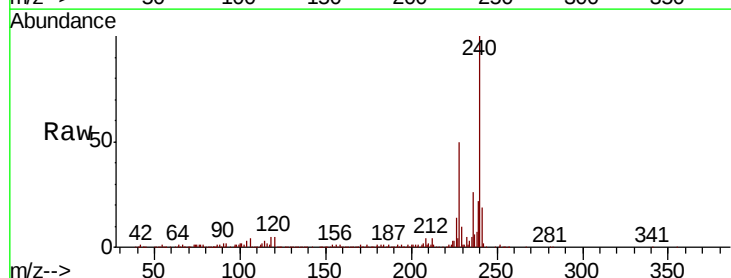
RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

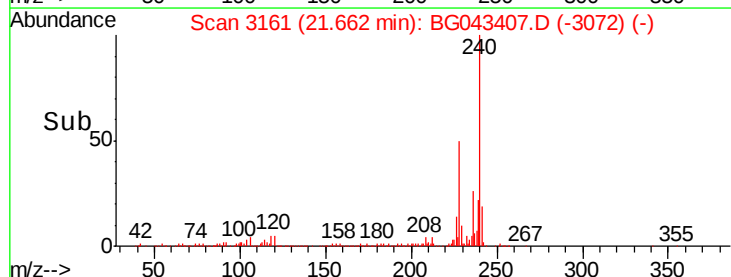
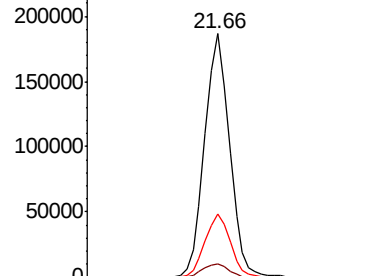
Lab File: BG043407.D

Acq: 30 Oct 2019 19:16

Tgt Ion:	240	Resp:	305752
Ion	Ratio	Lower	Upper
240	100		
120	5.5	4.6	7.0
236	25.9	20.2	30.4



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: 54.948 ng

RT: 19.63 min Scan# 2815

Delta R.T. -0.01 min

Lab File: BG043407.D

Acq: 30 Oct 2019 19:16

Instrument :

BNA_G

ClientSampleId :

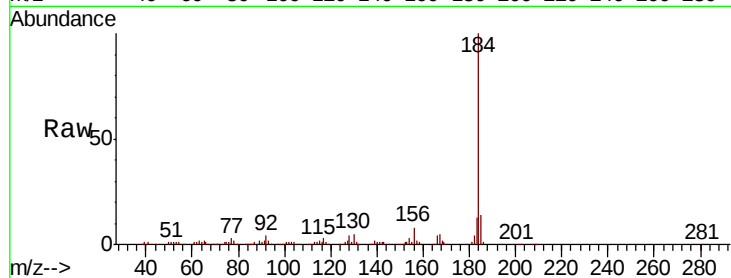
Tot Ion:184 Resp: 338114

Ion Ratio Lower Upper

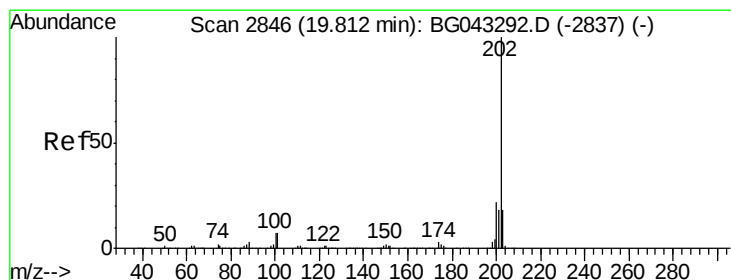
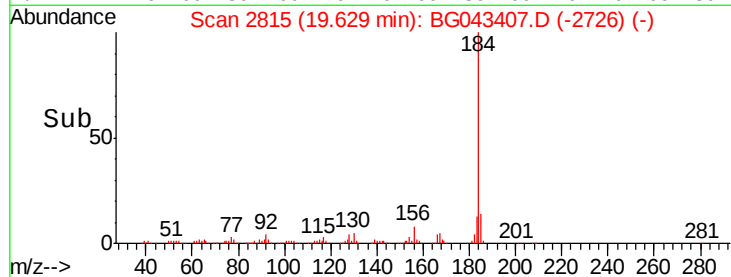
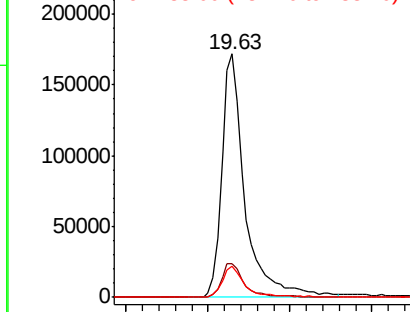
184 100

185 13.9 11.8 17.6

183 12.6 10.6 16.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.521 ng

RT: 19.81 min Scan# 2845

Delta R.T. -0.01 min

Lab File: BG043407.D

Acq: 30 Oct 2019 19:16

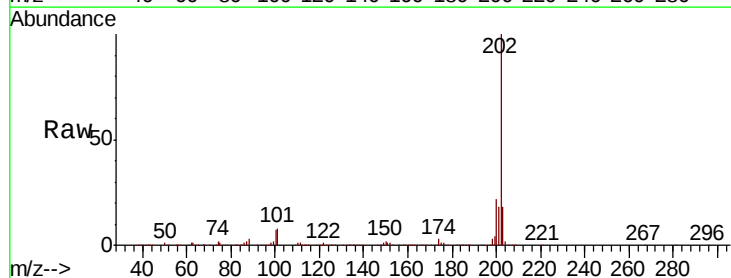
Tgt Ion:202 Resp: 861508

Ion Ratio Lower Upper

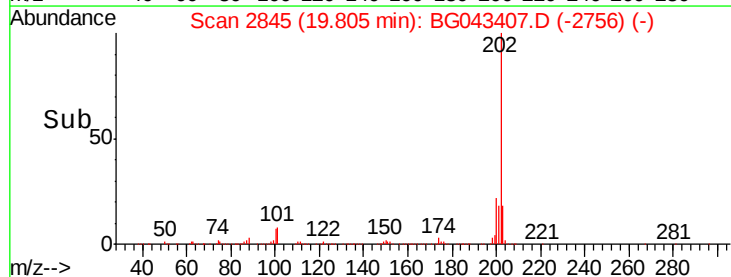
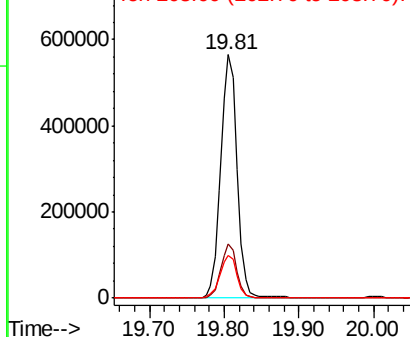
202 100

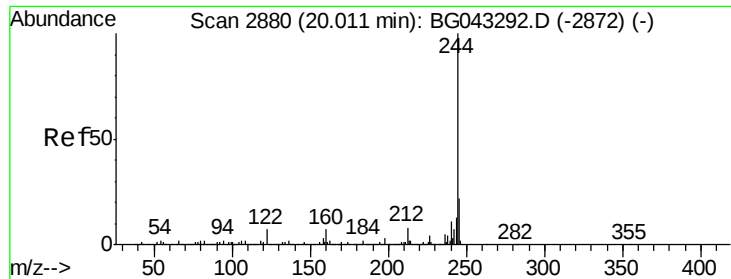
200 22.4 17.3 25.9

203 17.7 14.5 21.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 71.230 ng

RT: 20.01 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043407.D

Acq: 30 Oct 2019 19:16

Instrument :

BNA_G

ClientSampleId :

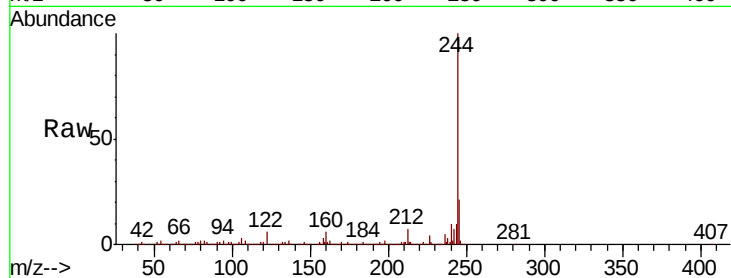
Tot Ion:244 Resp: 1160883

Ion Ratio Lower Upper

244 100

212 7.1 6.4 9.6

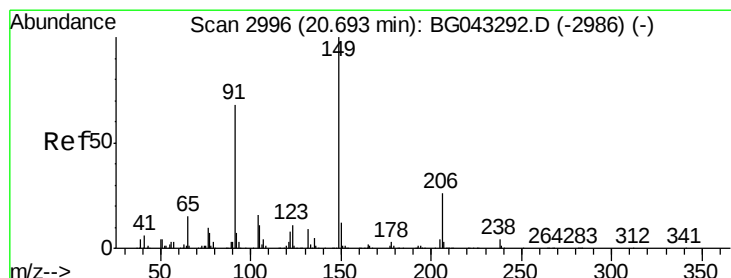
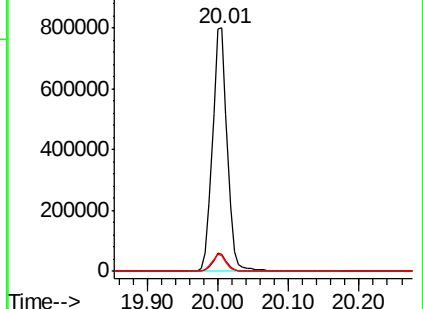
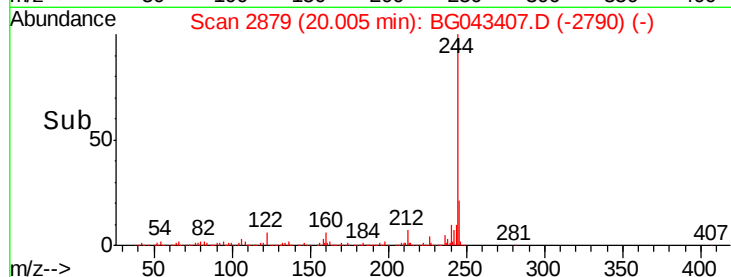
122 6.3 5.3 7.9



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: 46.308 ng

RT: 20.69 min Scan# 2995

Delta R.T. -0.01 min

Lab File: BG043407.D

Acq: 30 Oct 2019 19:16

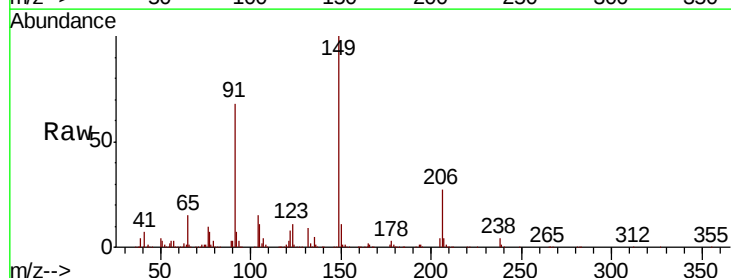
Tgt Ion:149 Resp: 332037

Ion Ratio Lower Upper

149 100

91 67.8 54.6 82.0

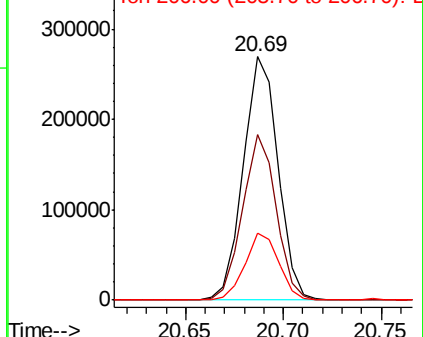
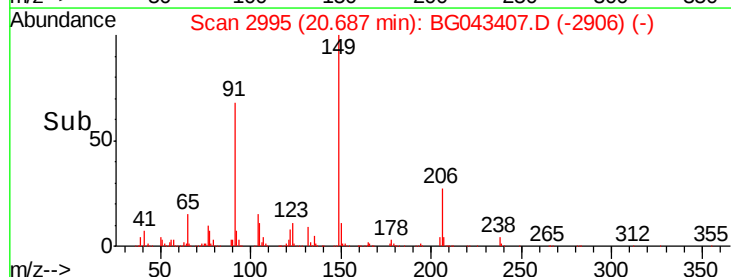
206 27.3 20.5 30.7

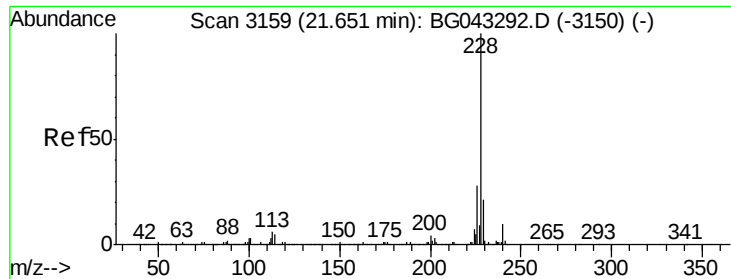


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

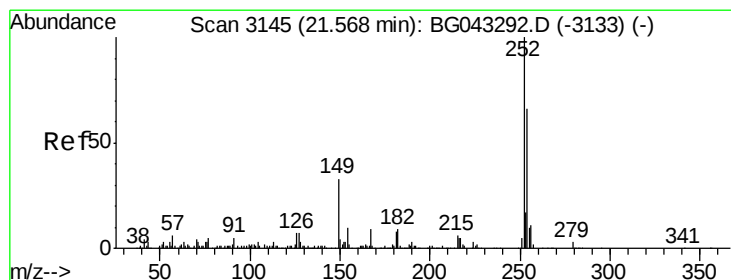
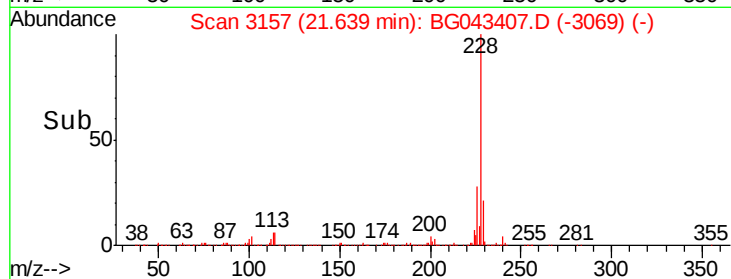
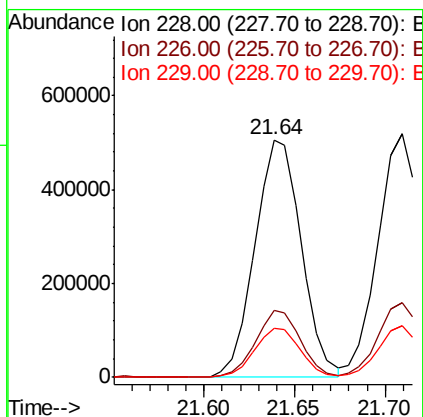
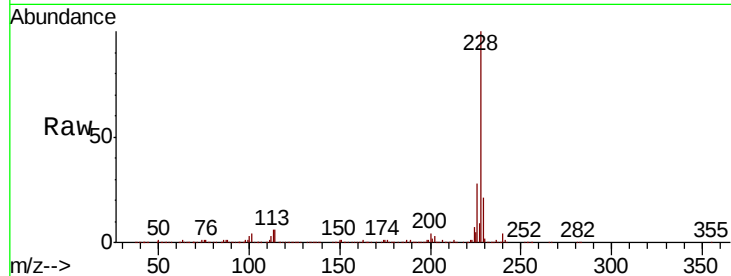




#81
Benzo(a)anthracene
Concen: 47.039 ng
RT: 21.64 min Scan# 3157
Delta R.T. -0.01 min
Lab File: BG043407.D
Acq: 30 Oct 2019 19:16

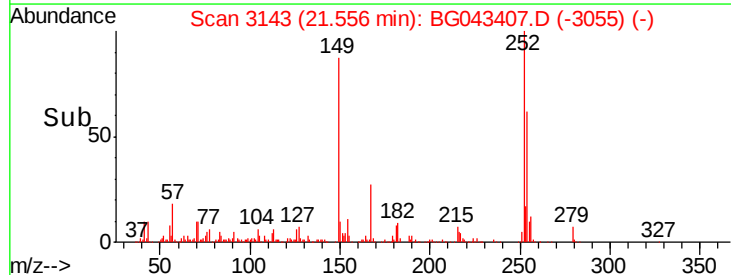
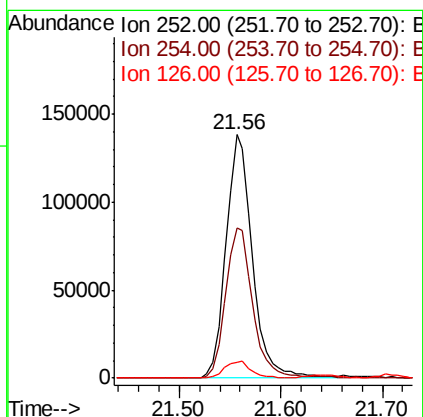
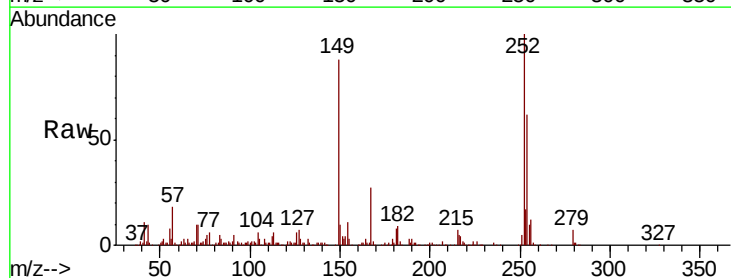
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.2	33.4
229	20.5	16.9	25.3



#82
3,3'-Dichlorobenzidine
Concen: 33.552 ng
RT: 21.56 min Scan# 3143
Delta R.T. -0.01 min
Lab File: BG043407.D
Acq: 30 Oct 2019 19:16

Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.5	52.7	79.1
126	6.5	5.6	8.4

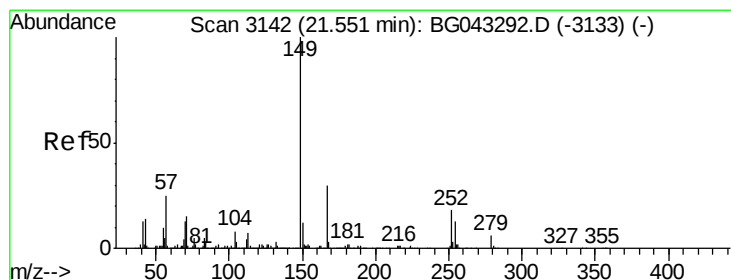
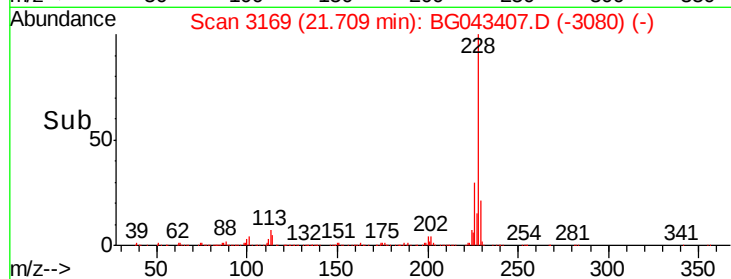
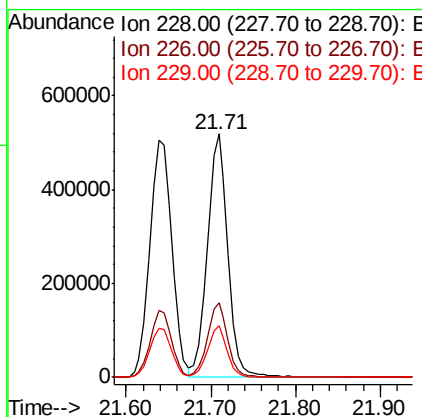
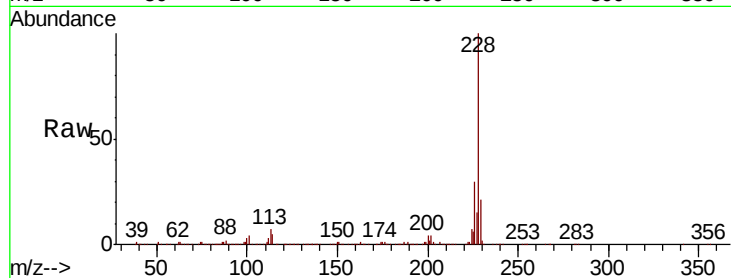




#83
 Chrvsene
 Concen: 46.046 ng
 RT: 21.71 min Scan# 3169
 Delta R.T. -0.01 min
 Lab File: BG043407.D
 Acq: 30 Oct 2019 19:16

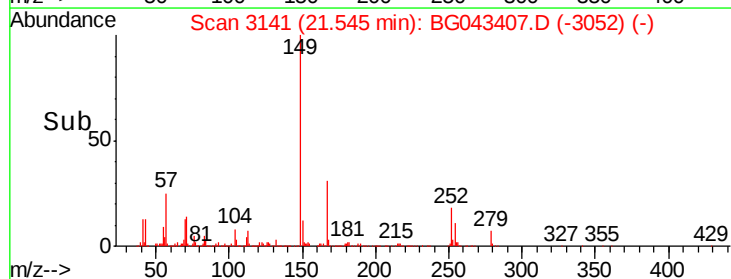
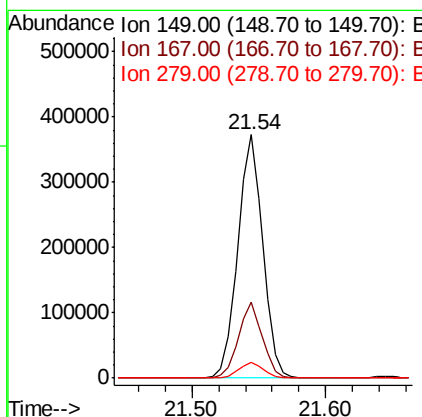
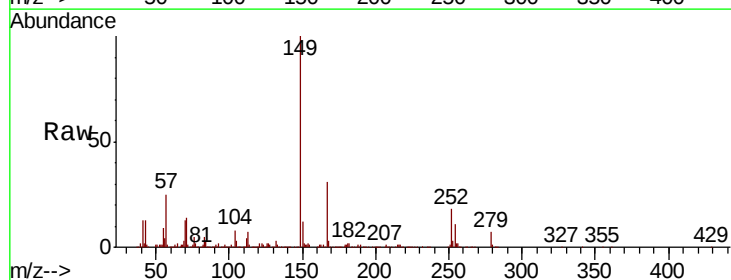
Instrument :
 BNA_G
 ClientSampleId :

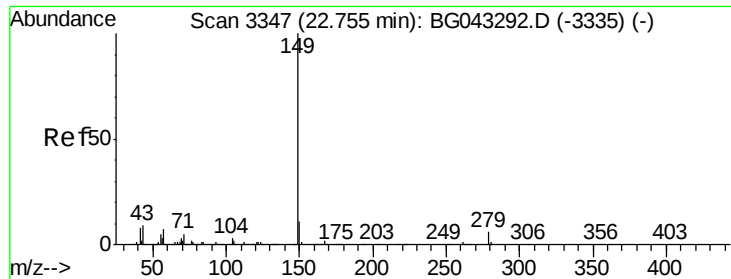
Tot Ion:228 Resp: 876216
 Ion Ratio Lower Upper
 228 100
 226 30.5 23.8 35.8
 229 21.2 16.3 24.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.282 ng
 RT: 21.54 min Scan# 3141
 Delta R.T. -0.01 min
 Lab File: BG043407.D
 Acq: 30 Oct 2019 19:16

Tgt Ion:149 Resp: 481582
 Ion Ratio Lower Upper
 149 100
 167 31.2 23.9 35.9
 279 6.6 4.8 7.2





#85

Di-n-octyl phthalate

Concen: 48.242 ng

RT: 22.74 min Scan# 3345

Delta R.T. -0.01 min

Lab File: BG043407.D

Acq: 30 Oct 2019 19:16

Instrument :

BNA_G

ClientSampleId :

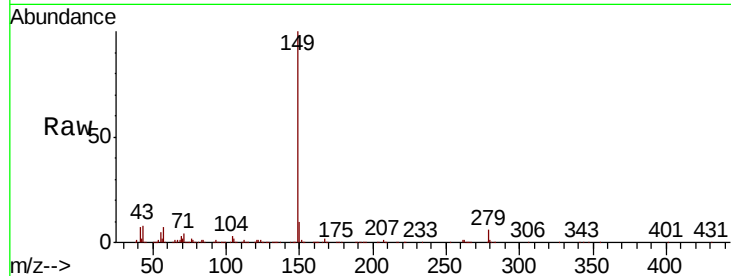
Tot Ion:149 Resp: 833637

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

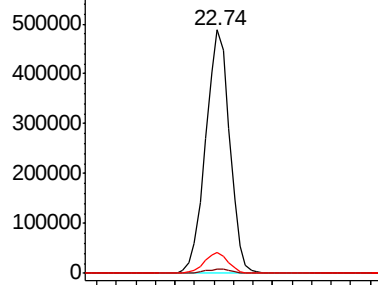
43 8.5 6.9 10.3



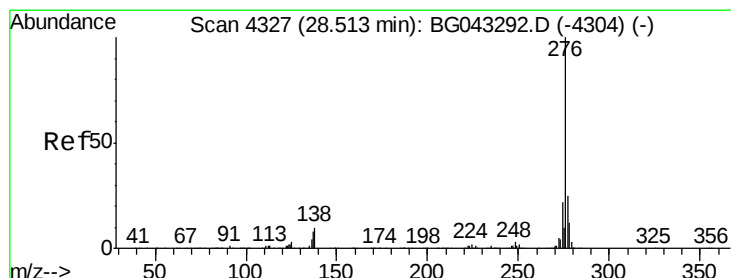
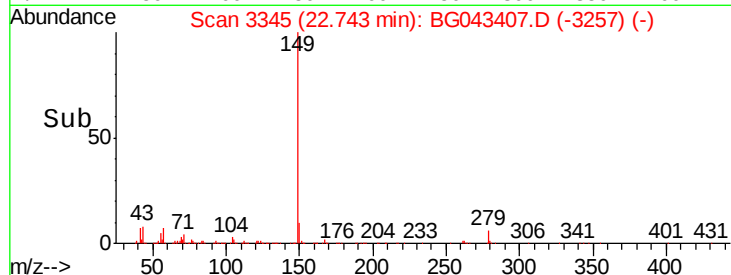
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 48.838 ng

RT: 28.50 min Scan# 4324

Delta R.T. -0.02 min

Lab File: BG043407.D

Acq: 30 Oct 2019 19:16

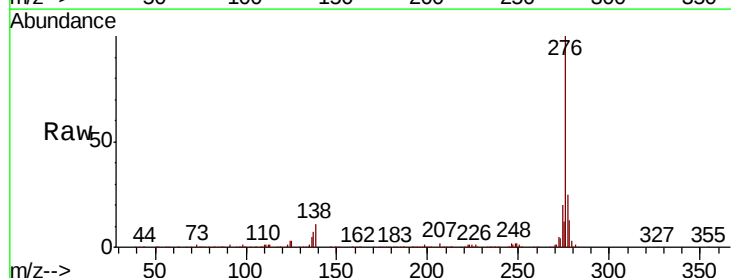
Tgt Ion:276 Resp: 1166550

Ion Ratio Lower Upper

276 100

138 14.2 7.2 10.8#

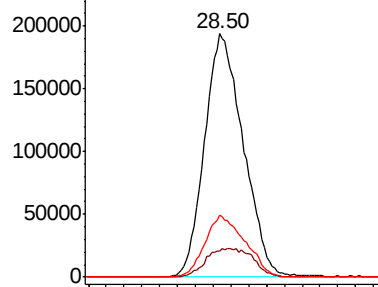
277 26.4 20.9 31.3



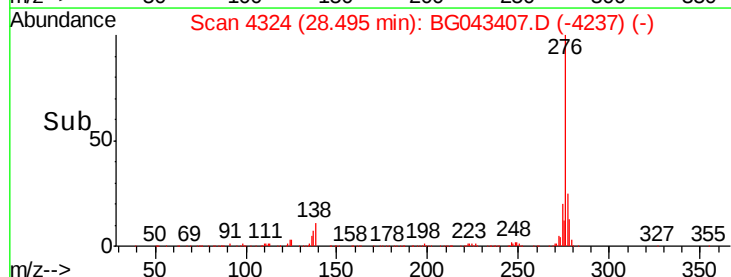
Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3704

Delta R.T. -0.02 min

Lab File: BG043407.D

Acq: 30 Oct 2019 19:16

Instrument :

BNA_G

ClientSampleId :

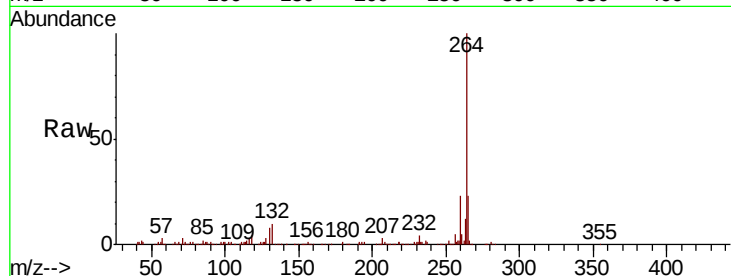
Tot Ion:264 Resp: 358588

Ion Ratio Lower Upper

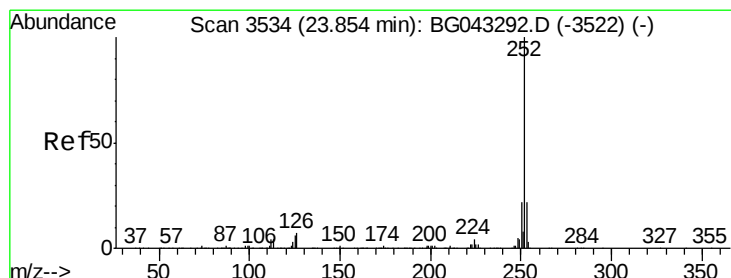
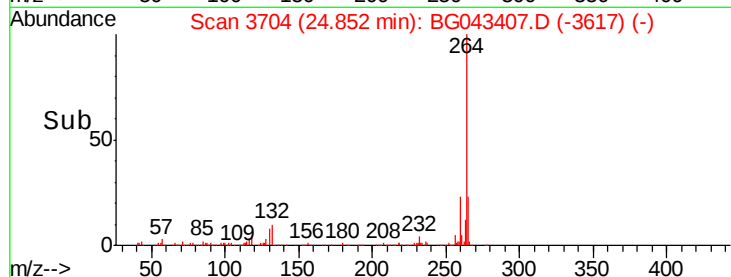
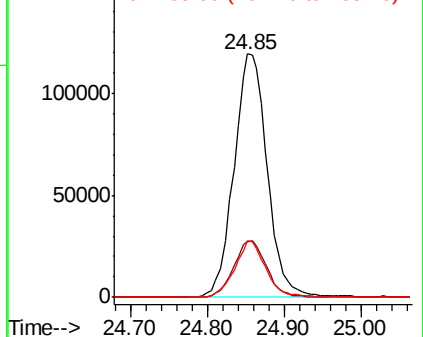
264 100

260 22.8 17.9 26.9

265 23.2 17.4 26.2



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: 47.163 ng

RT: 23.84 min Scan# 3532

Delta R.T. -0.01 min

Lab File: BG043407.D

Acq: 30 Oct 2019 19:16

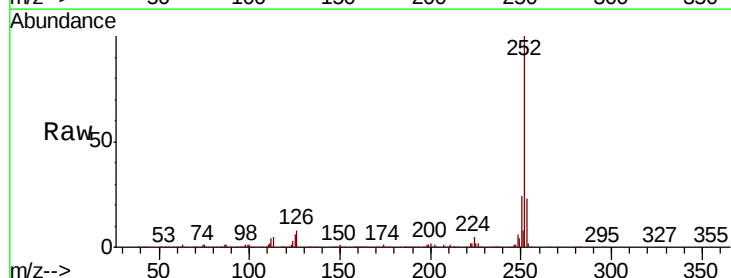
Tgt Ion:252 Resp: 957848

Ion Ratio Lower Upper

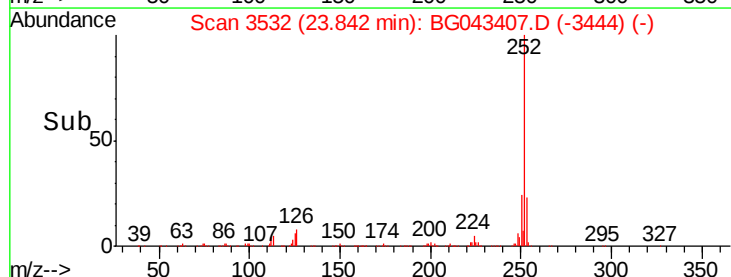
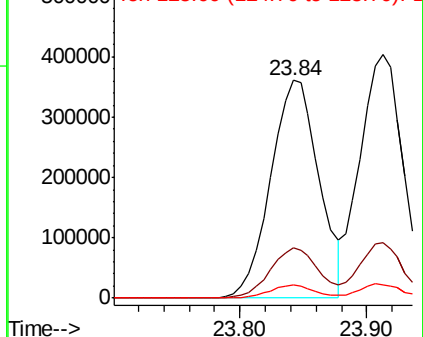
252 100

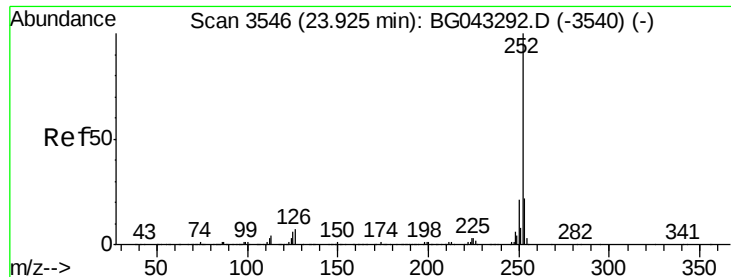
253 23.2 17.4 26.2

125 6.3 5.0 7.6



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

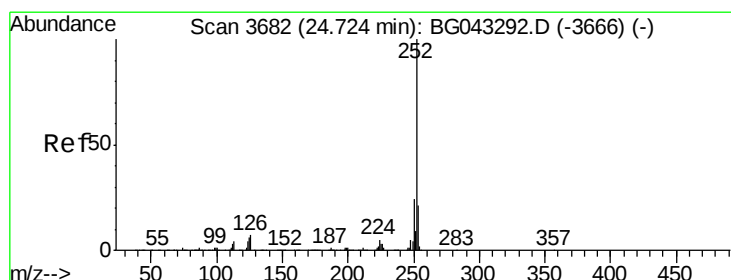
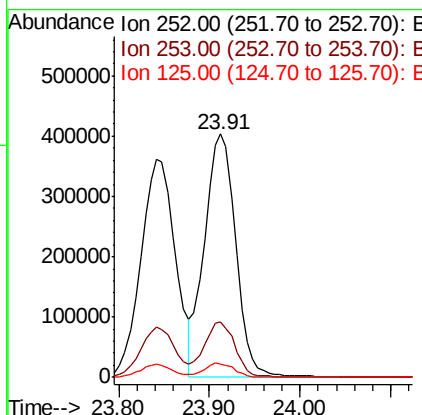
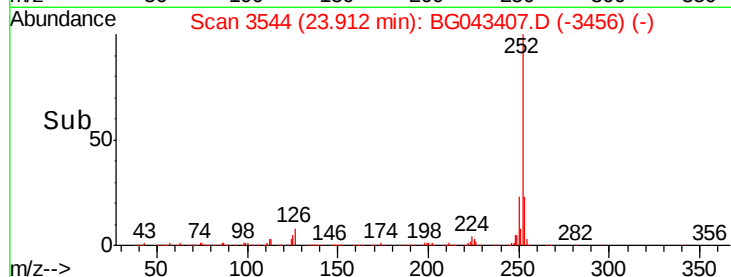
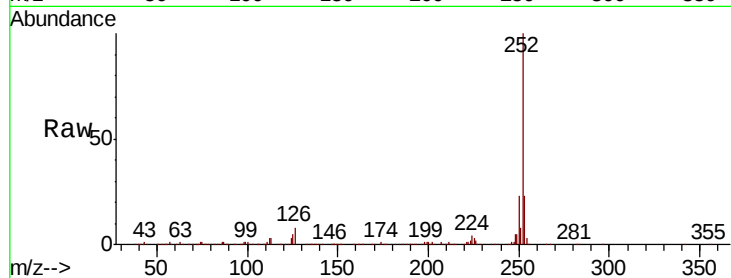




#89
Benzo(k)fluoranthene
Concen: 47.136 ng
RT: 23.91 min Scan# 3544
Delta R.T. -0.01 min
Lab File: BG043407.D
Acq: 30 Oct 2019 19:16

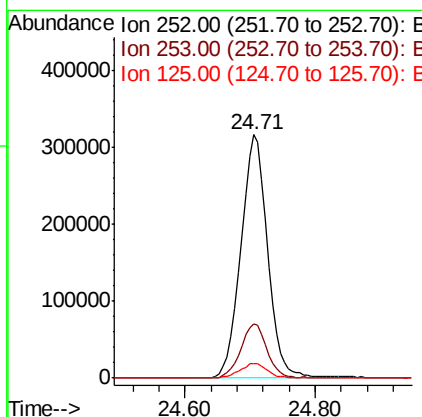
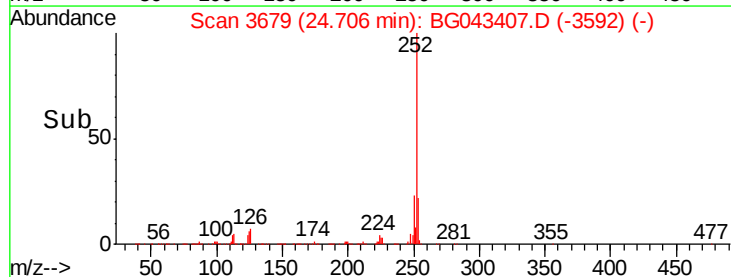
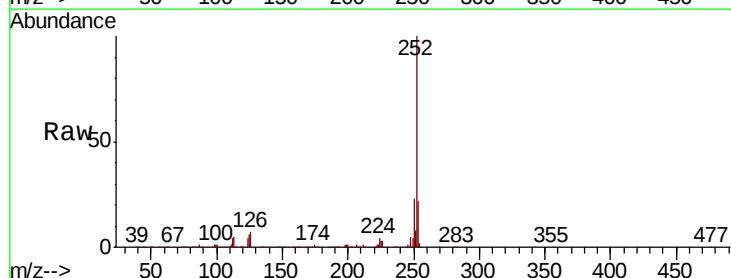
Instrument :
BNA_G
ClientSampleId :

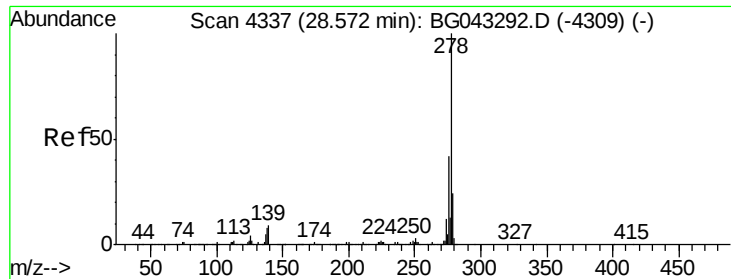
Tot Ion:252 Resp: 963718
Ion Ratio Lower Upper
252 100
253 22.8 17.6 26.4
125 5.3 4.5 6.7



#90
Benzo(a)pyrene
Concen: 46.465 ng
RT: 24.71 min Scan# 3679
Delta R.T. -0.02 min
Lab File: BG043407.D
Acq: 30 Oct 2019 19:16

Tgt Ion:252 Resp: 901144
Ion Ratio Lower Upper
252 100
253 22.3 17.2 25.8
125 6.1 5.0 7.6



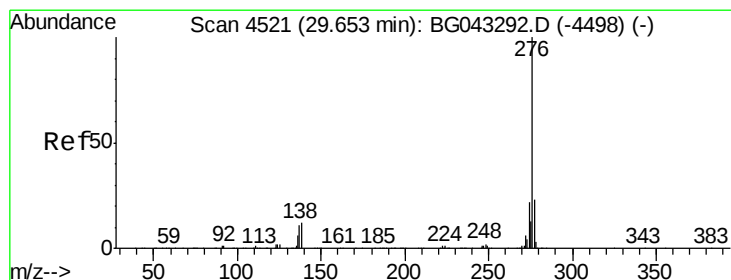
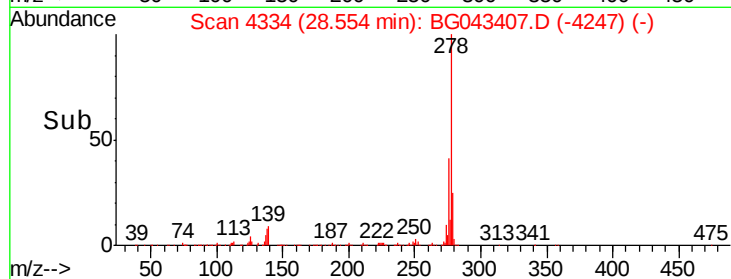
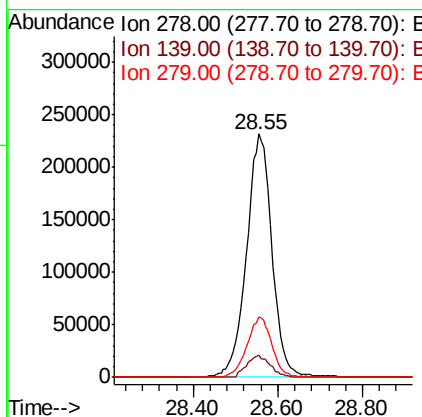
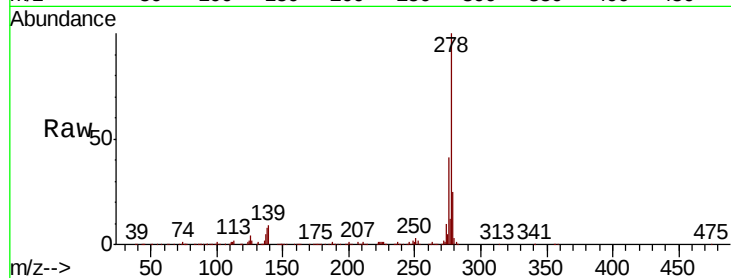


#91
Dibenzo(a,h)anthracene
Concen: 49.421 ng
RT: 28.55 min Scan# 4334
Delta R.T. -0.02 min
Lab File: BG043407.D
Acq: 30 Oct 2019 19:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 980379

Ion	Ratio	Lower	Upper
278	100		
139	9.1	6.8	10.2
279	24.8	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 49.852 ng
RT: 29.64 min Scan# 4519
Delta R.T. -0.01 min
Lab File: BG043407.D
Acq: 30 Oct 2019 19:16

Tgt Ion:276 Resp: 975467

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.3	27.5
138	13.4	9.3	13.9

