

Data File : BG044055.D
Acq On : 15 Jan 2020 18:30
Operator : JU
Sample : PB126104BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126104BSD

Quant Time: Jan 16 08:11:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	85760	20.00	ng	-0.02
21) Naphthalene-d8	10.74	136	368813	20.00	ng	-0.02
39) Acenaphthene-d10	14.58	164	243432	20.00	ng	-0.02
64) Phenanthrene-d10	17.32	188	541950	20.00	ng	-0.02
76) Chrysene-d12	21.57	240	465422	20.00	ng	-0.02
87) Perylene-d12	24.68	264	525981	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	429430	91.94	ng	-0.01
7) Phenol-d6	7.11	99	568633	87.10	ng	-0.01
23) Nitrobenzene-d5	9.10	82	549318	79.68	ng	-0.02
42) 2,4,6-Tribromophenol	16.07	330	216270	84.90	ng	-0.02
45) 2-Fluorobiphenyl	13.20	172	1235806	91.98	ng	-0.02
79) Terphenyl-d14	19.93	244	1803798	96.85	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	94517	46.411	ng	95
3) Pyridine	3.80	79	225983	37.562	ng	96
4) n-Nitrosodimethylamine	3.72	42	108455	40.490	ng	94
6) Aniline	7.26	93	286175	33.372	ng	99
8) 2-Chlorophenol	7.51	128	266339	48.573	ng	97
9) Benzaldehyde	7.08	77	154190	36.900	ng	99
10) Phenol	7.14	94	328041	48.767	ng	97
11) bis(2-Chloroethyl)ether	7.36	93	240386	41.399	ng	100
12) 1,3-Dichlorobenzene	7.83	146	271225	42.269	ng	98
13) 1,4-Dichlorobenzene	7.98	146	274343	43.332	ng	100
14) 1,2-Dichlorobenzene	8.30	146	259057	42.630	ng	98
15) Benzyl Alcohol	8.18	79	219276	42.556	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.47	45	323191	35.977	ng	96
17) 2-Methylphenol	8.39	107	227631	46.762	ng	98
18) Hexachloroethane	9.03	117	101697	41.281	ng	97
19) n-Nitroso-di-n-propylamine	8.74	70	189576	38.991	ng	96
20) 3+4-Methylphenols	8.72	107	313781	46.207	ng	97
22) Acetophenone	8.76	105	353658	38.571	ng	98
24) Nitrobenzene	9.14	77	269791	39.511	ng	99
25) Isophorone	9.67	82	514076	39.745	ng	98
26) 2-Nitrophenol	9.85	139	150668	46.639	ng	97
27) 2,4-Dimethylphenol	9.92	122	254463	52.327	ng	99
28) bis(2-Chloroethoxy)methane	10.15	93	329086	38.164	ng	99
29) 2,4-Dichlorophenol	10.40	162	266809	45.997	ng	99
30) 1,2,4-Trichlorobenzene	10.61	180	260783	40.096	ng	98
31) Naphthalene	10.80	128	760340	42.602	ng	98
32) Benzoic acid	10.06	122	133205	35.510	ng	92
33) 4-Chloroaniline	10.90	127	191949	22.549	ng	98
34) Hexachlorobutadiene	11.09	225	149611	37.676	ng	97
35) Caprolactam	11.67	113	63272	29.301	ng	93
36) 4-Chloro-3-methylphenol	12.03	107	276067	44.706	ng	98
37) 2-Methylnaphthalene	12.40	142	573327	42.669	ng	96
38) 1-Methylnaphthalene	12.62	142	544819	42.782	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.77	216	271860	38.102	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	365019	98.679	ng	98
43) 2,4,6-Trichlorophenol	13.01	196	211270	43.033	ng	97
44) 2,4,5-Trichlorophenol	13.09	196	228908	45.207	ng	98
46) 1,1'-Biphenyl	13.41	154	721764	41.353	ng	97
47) 2-Chloronaphthalene	13.45	162	563696	39.968	ng	99
48) 2-Nitroaniline	13.65	65	173228	38.183	ng	95
49) Acenaphthylene	14.30	152	905590	44.674	ng	97
50) Dimethylphthalate	14.03	163	734443	42.491	ng	98
51) 2,6-Dinitrotoluene	14.14	165	168706	43.183	ng	95
52) Acenaphthene	14.64	154	562685	39.581	ng	98
53) 3-Nitroaniline	14.47	138	118283	26.662	ng	97
54) 2,4-Dinitrophenol	14.68	184	190003	94.405	ng	97
55) Dibenzofuran	14.97	168	864611	44.181	ng	98
56) 4-Nitrophenol	14.80	139	318629	93.724	ng	91
57) 2,4-Dinitrotoluene	14.93	165	234016	44.022	ng	99
58) Fluorene	15.63	166	682938	44.029	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.20	232	200108	45.959	ng	95
60) Diethylphthalate	15.40	149	745082	43.098	ng	98
61) 4-Chlorophenyl-phenylether	15.62	204	355791	42.243	ng	96
62) 4-Nitroaniline	15.64	138	169812	38.761	ng	93
63) Azobenzene	15.91	77	665408	41.503	ng	98
65) 4,6-Dinitro-2-methylphenol	15.70	198	143370	51.039	ng	93
66) n-Nitrosodiphenylamine	15.83	169	645719	40.459	ng	97
67) 4-Bromophenyl-phenylether	16.51	248	231695	38.012	ng	96
68) Hexachlorobenzene	16.64	284	253917	38.661	ng	95
69) Atrazine	16.78	200	248737	47.947	ng	99
70) Pentachlorophenol	16.98	266	291480	80.507	ng	99
71) Phenanthrene	17.36	178	1103386	42.447	ng	97
72) Anthracene	17.45	178	1132870	44.097	ng	98
73) Carbazole	17.72	167	1036193	43.665	ng	97
74) Di-n-butylphthalate	18.29	149	1270887	41.946	ng	97
75) Fluoranthene	19.37	202	1281850	43.118	ng	97
77) Benzidine	19.54	184	576574	49.285	ng	98
78) Pyrene	19.73	202	1287142	42.368	ng	96
80) Butylbenzylphthalate	20.62	149	591008	40.862	ng	97
81) Benzo(a)anthracene	21.55	228	1225234	42.455	ng	97
82) 3,3'-Dichlorobenzidine	21.47	252	342490	30.039	ng	98
83) Chrysene	21.61	228	1173226	42.784	ng	97
84) Bis(2-ethylhexyl)phthalate	21.47	149	825570	41.367	ng	98
85) Di-n-octyl phthalate	22.65	149	1429295	42.601	ng	97
86) Indeno(1,2,3-cd)pyrene	28.21	276	1482243	39.774	ng	# 93
88) Benzo(b)fluoranthene	23.70	252	1268122	40.783	ng	98
89) Benzo(k)fluoranthene	23.76	252	1259236	42.586	ng	98
90) Benzo(a)pyrene	24.53	252	1179391	40.186	ng	99
91) Dibenzo(a,h)anthracene	28.27	278	1226838	41.624	ng	99
92) Benzo(g,h,i)perylene	29.31	276	1249788	42.688	ng	97

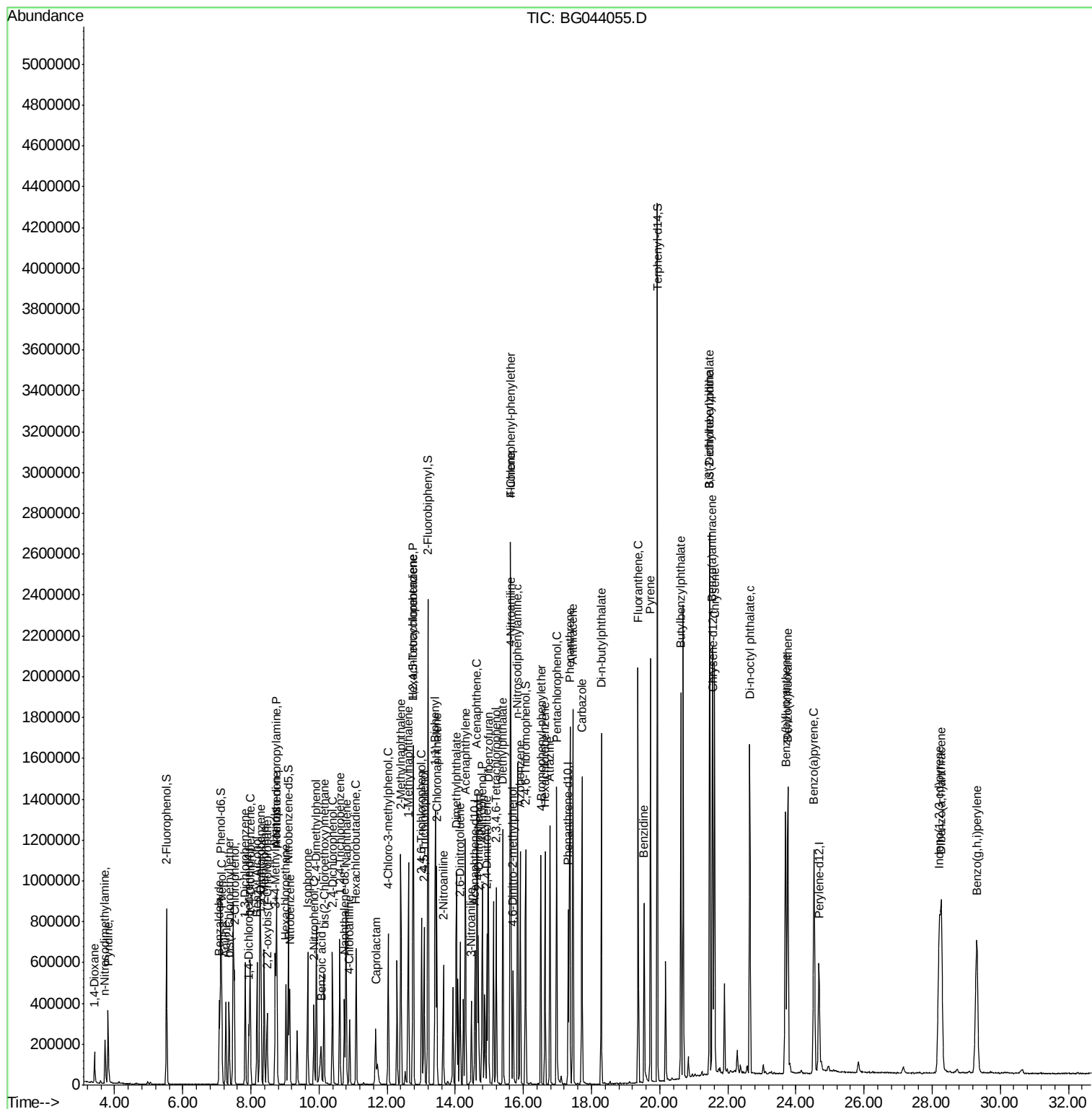
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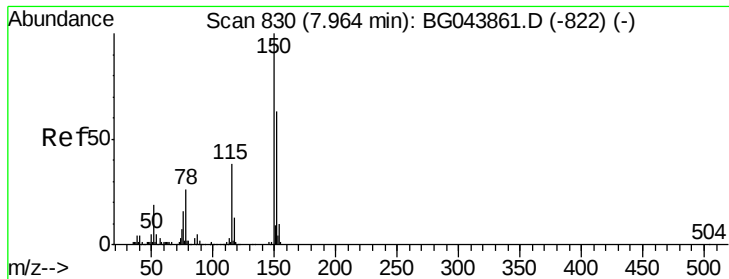
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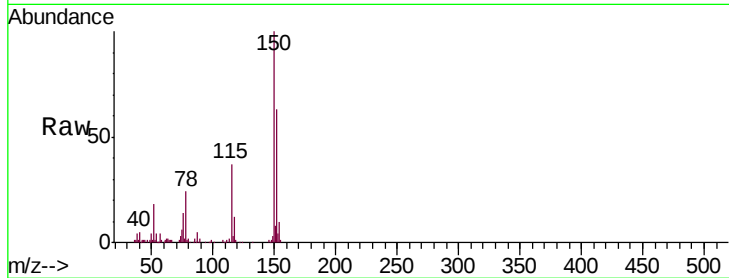


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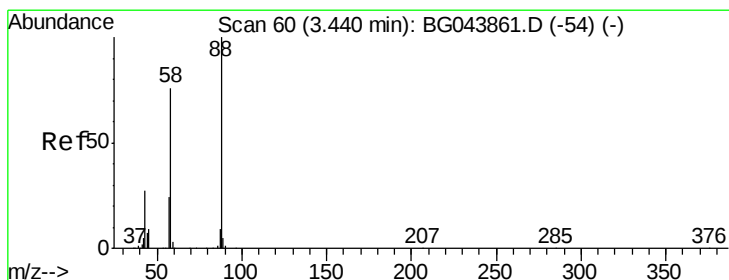
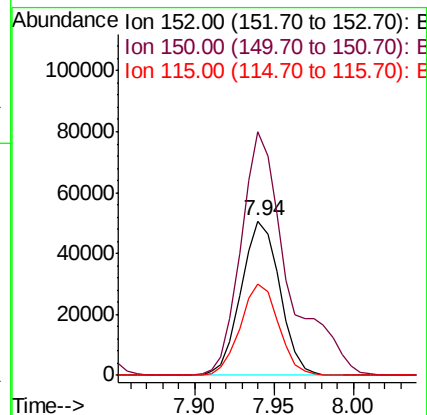
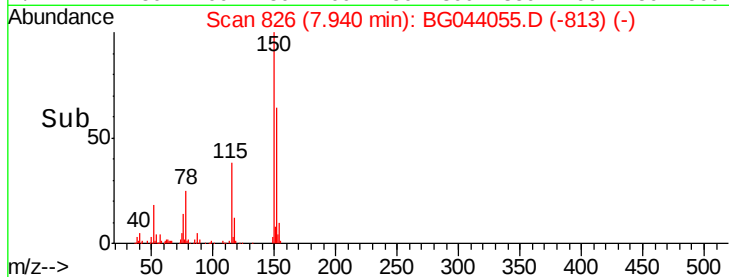
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.02 min
Lab File: BG044055.D
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Instrument :
BNA_G
ClientSampleId :
PB126104BSD

Tgt Ion:152 Resp: 85760
Ion Ratio Lower Upper
152 100
150 157.9 127.0 190.4
115 59.1 47.8 71.8



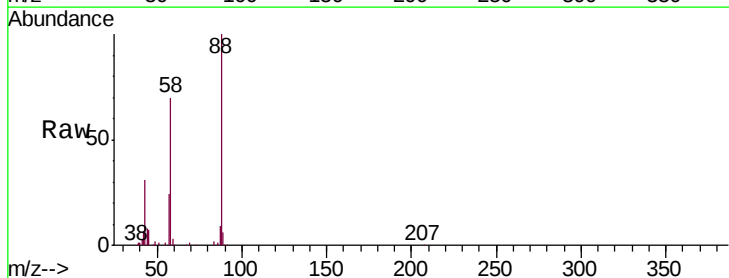
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



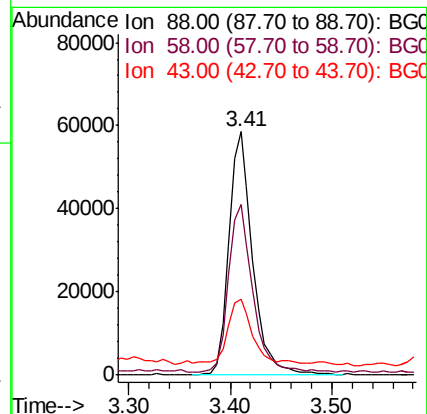
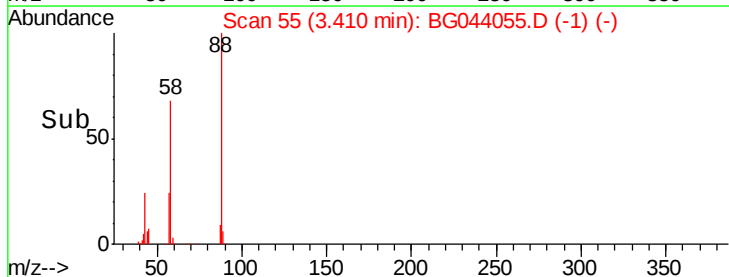
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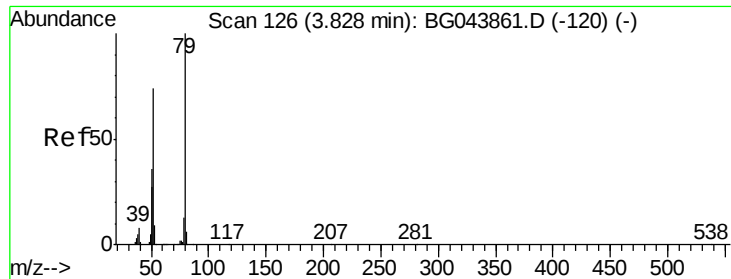
1,4-Dioxane
Concen: 46.411 ng
RT: 3.41 min Scan# 55
Delta R.T. -0.03 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Tgt Ion: 88 Resp: 94517
Ion Ratio Lower Upper
88 100
58 69.0 59.8 89.8
43 29.1 22.9 34.3



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





#3

Pyridine

Concen: 37.562 ng

RT: 3.80 min Scan# 122

Delta R.T. -0.02 min

Lab File: BG044055.D

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Instrument :

BNA_G

ClientSampleId :

PB126104BSD

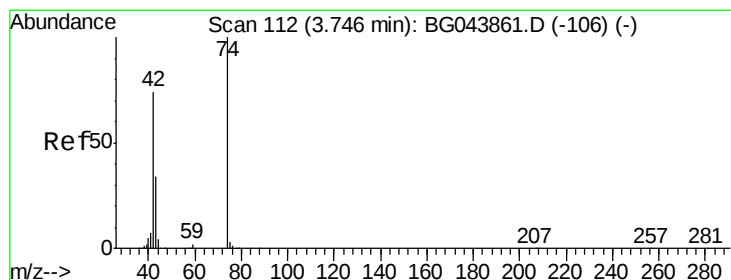
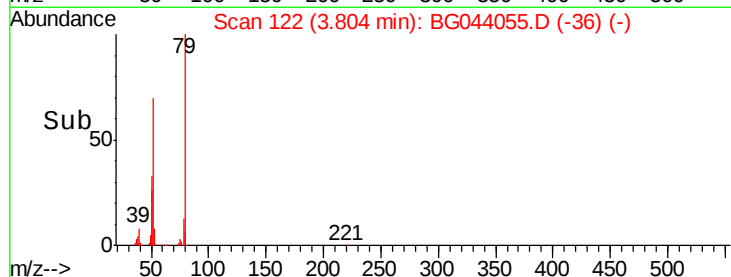
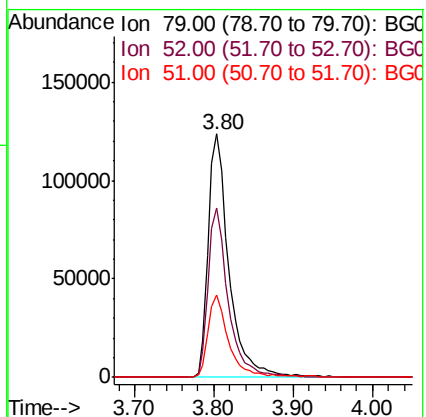
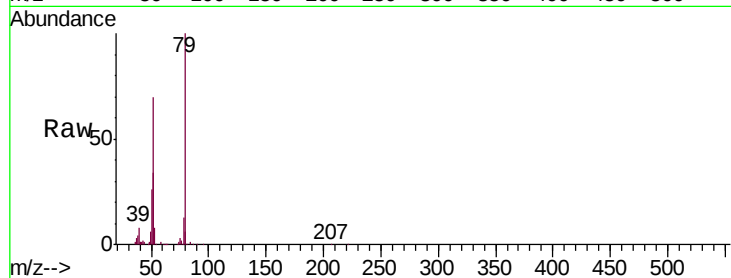
Tgt Ion: 79 Resp: 225983

Ion Ratio Lower Upper

79 100

52 69.7 58.9 88.3

51 33.7 28.6 43.0



#4

n-Nitrosodimethylamine

Concen: 40.490 ng

RT: 3.72 min Scan# 107

Delta R.T. -0.03 min

Lab File: BG044055.D

Acq: 15 Jan 2020 18:30

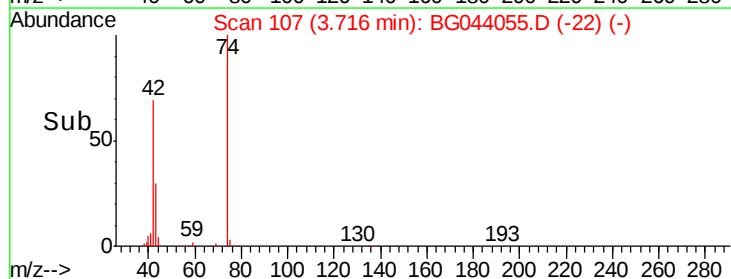
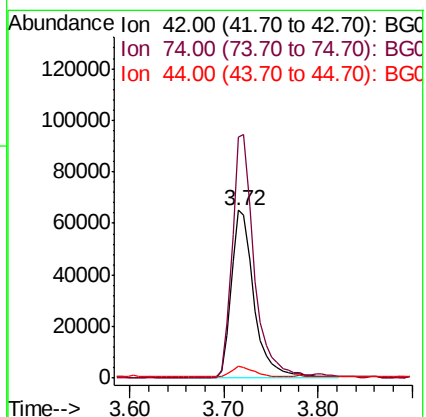
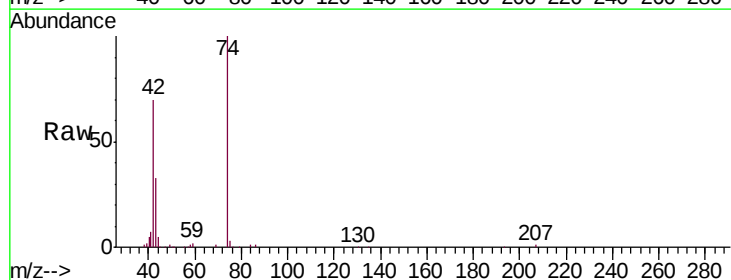
Tgt Ion: 42 Resp: 108455

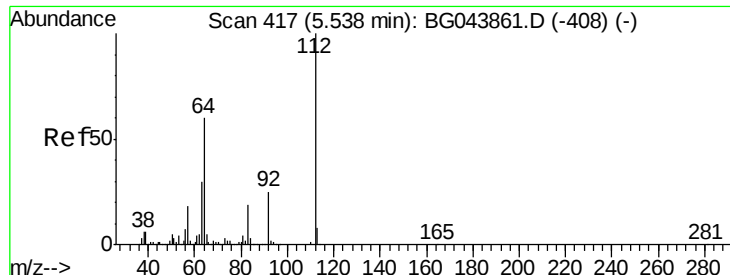
Ion Ratio Lower Upper

42 100

74 143.2 108.6 162.8

44 7.0 5.0 7.6





#5

2-Fluorophenol

Concen: 91.941 ng

RT: 5.53 min Scan# 415

Delta R.T. -0.01 min

Lab File: BG044055.D

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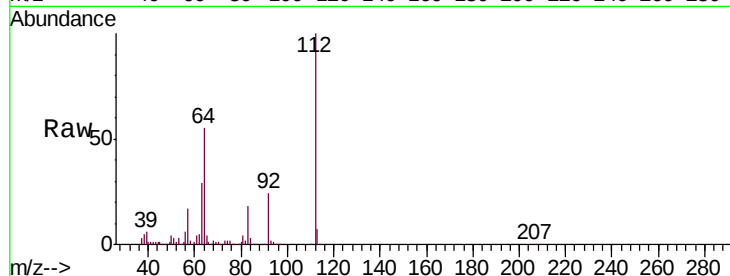
Tgt Ion: 112 Resp: 429430

Ion Ratio Lower Upper

112 100

64 55.1 47.8 71.6

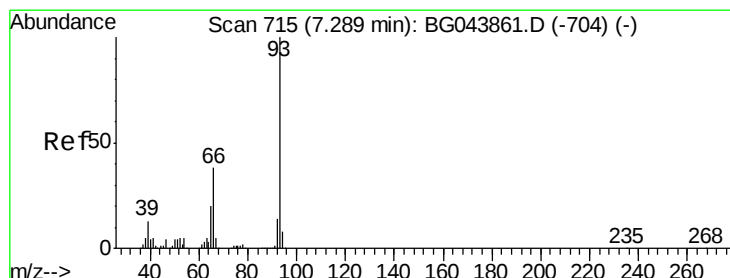
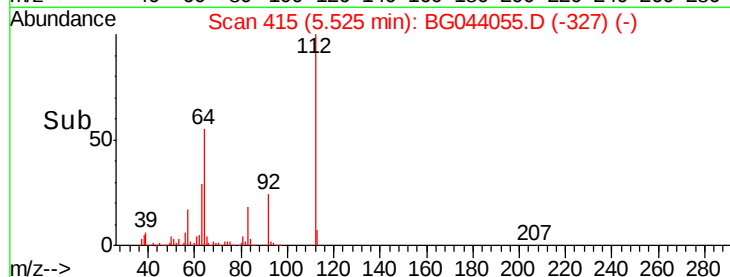
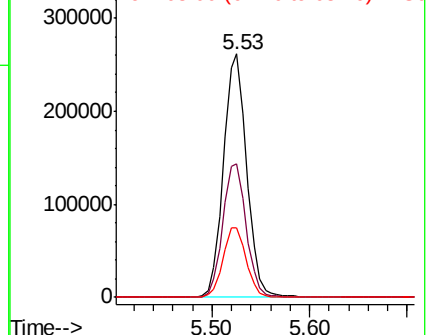
63 28.5 24.3 36.5



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: 33.372 ng

RT: 7.26 min Scan# 711

Delta R.T. -0.02 min

Lab File: BG044055.D

Acq: 15 Jan 2020 18:30

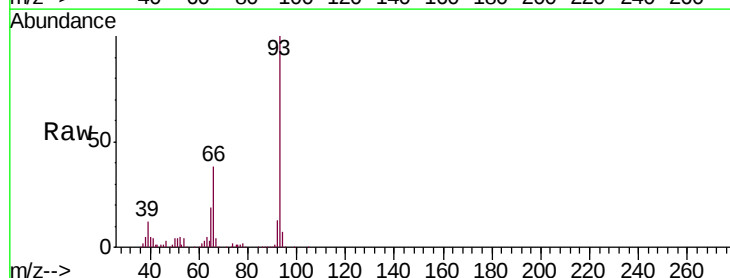
Tgt Ion: 93 Resp: 286175

Ion Ratio Lower Upper

93 100

66 37.9 30.8 46.2

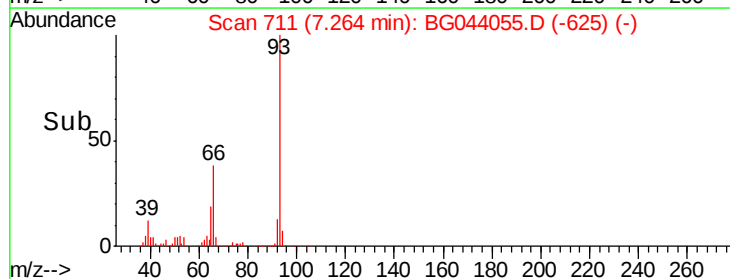
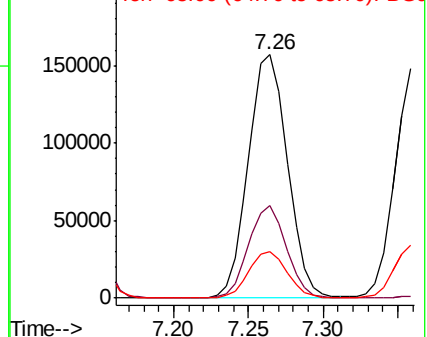
65 19.2 16.0 24.0

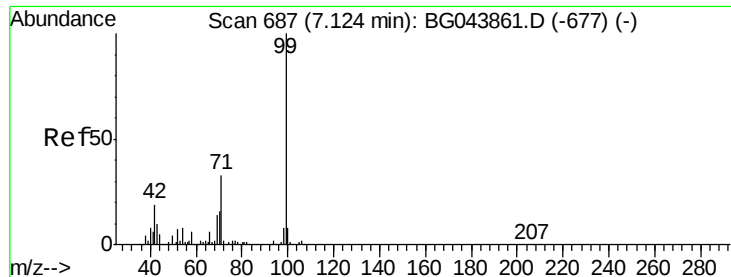


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 87.096 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.01 min

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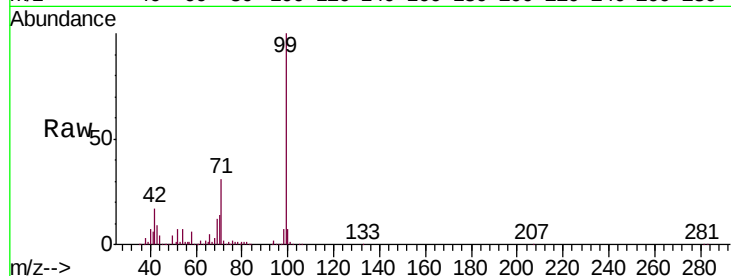
Tgt Ion: 99 Resp: 568633

Ion Ratio Lower Upper

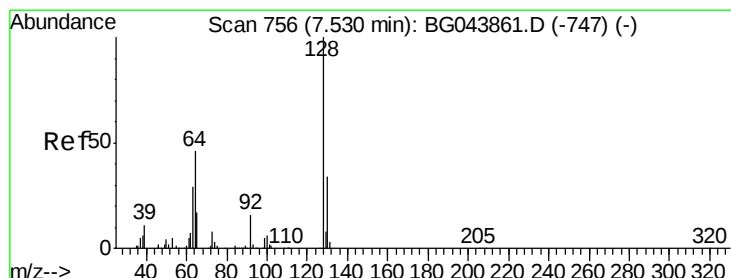
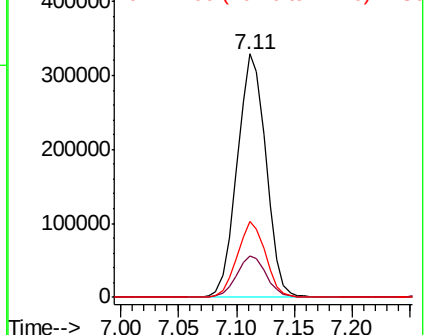
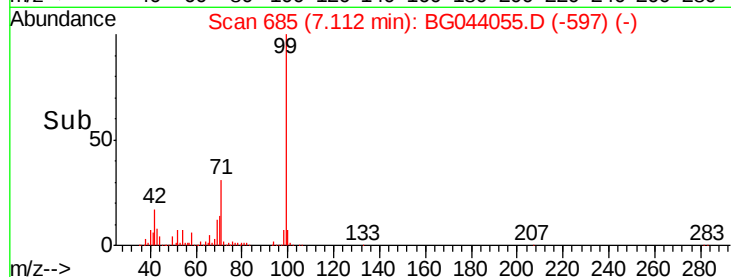
99 100

42 16.8 14.9 22.3

71 31.3 26.4 39.6



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: 48.573 ng

RT: 7.51 min Scan# 753

Delta R.T. -0.02 min

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Acq: 15 Jan 2020 18:30

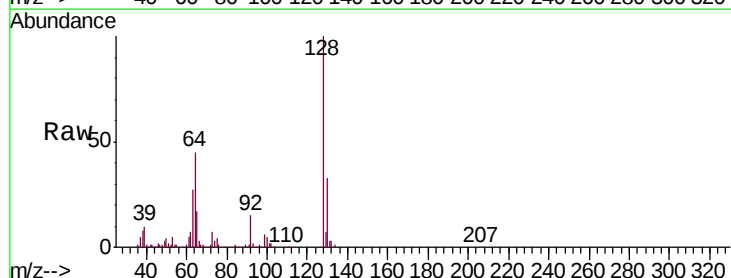
Tgt Ion: 128 Resp: 266339

Ion Ratio Lower Upper

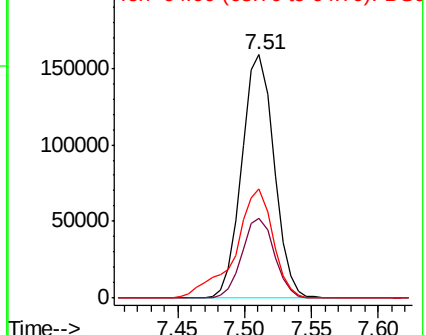
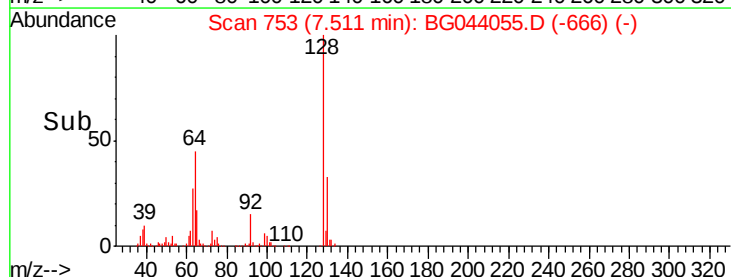
128 100

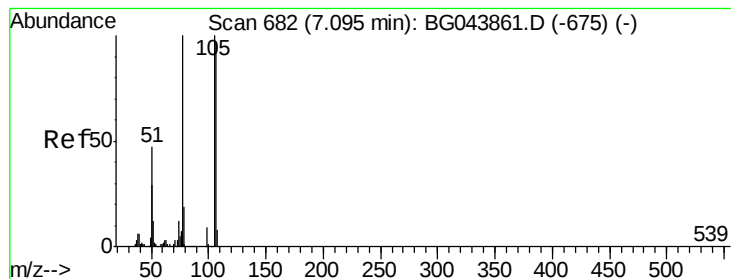
130 33.0 13.8 53.8

64 44.8 27.6 67.6



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: 36.900 ng

RT: 7.08 min Scan# 679

Delta R.T. -0.02 min

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PB126104BSD

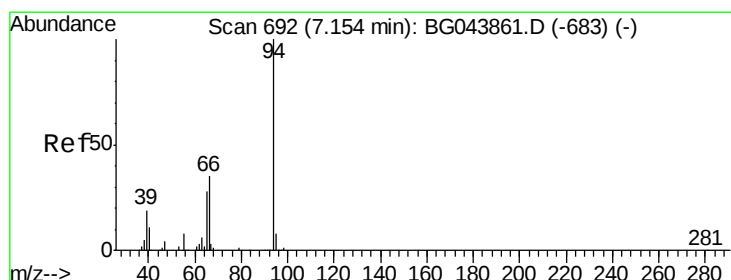
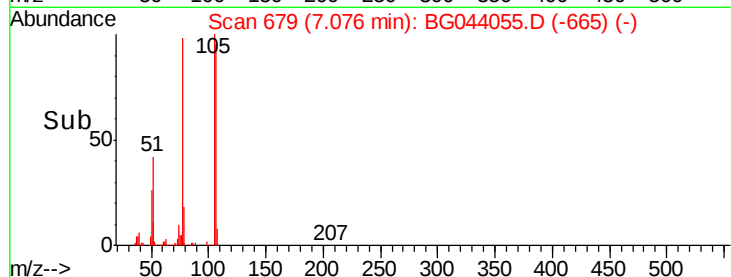
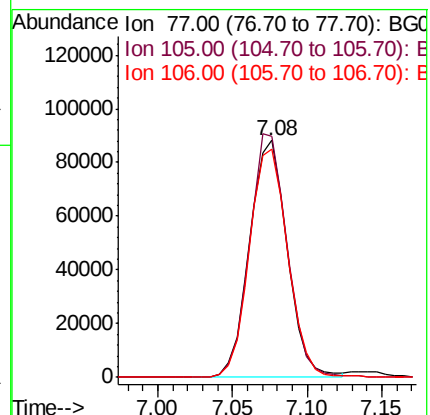
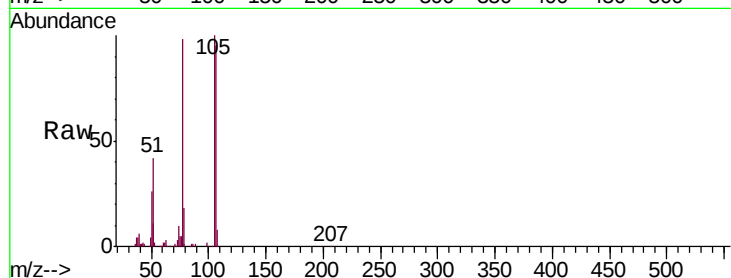
Tgt Ion: 77 Resp: 154190

Ion Ratio Lower Upper

77 100

105 101.8 80.2 120.2

106 96.6 77.2 117.2



#10

Phenol

Concen: 48.767 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

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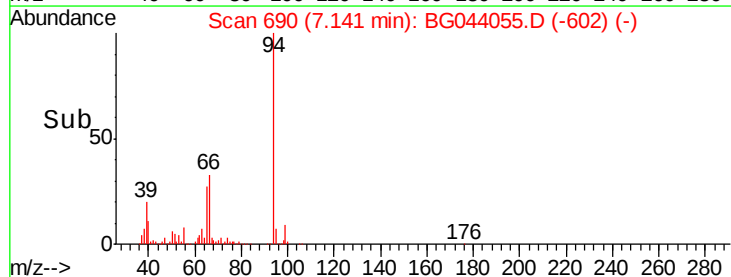
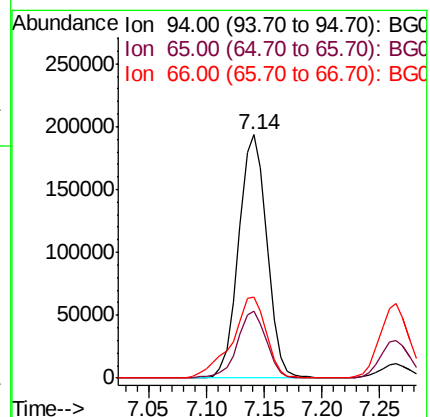
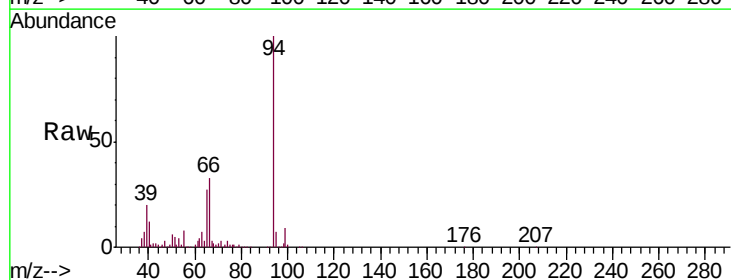
Tgt Ion: 94 Resp: 328041

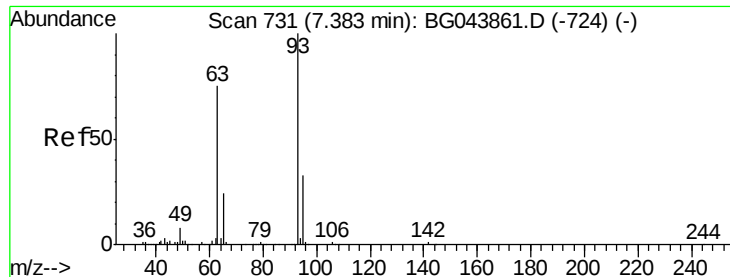
Ion Ratio Lower Upper

94 100

65 27.5 8.1 48.1

66 33.1 15.6 55.6

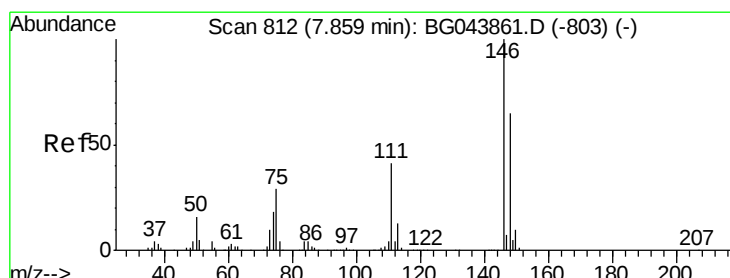
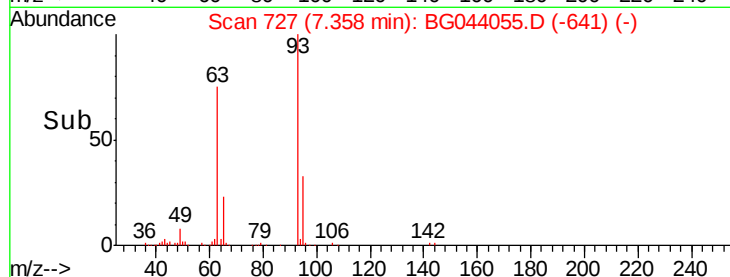
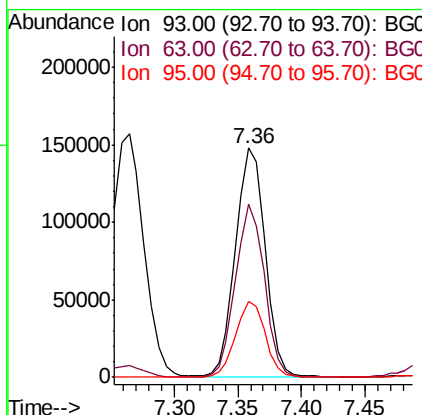
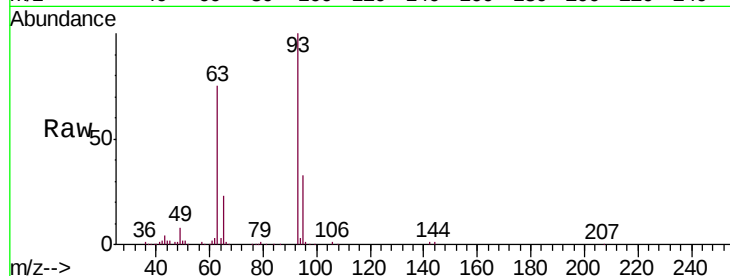




#11
bis(2-Chloroethyl)ether
Concen: 41.399 ng
RT: 7.36 min Scan# 727
Delta R.T. -0.02 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

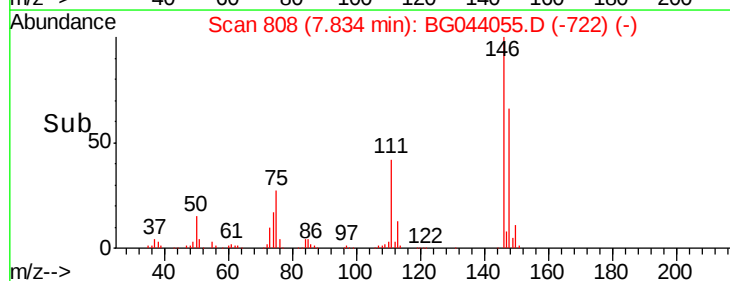
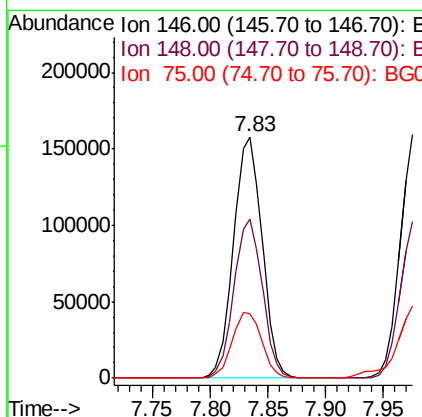
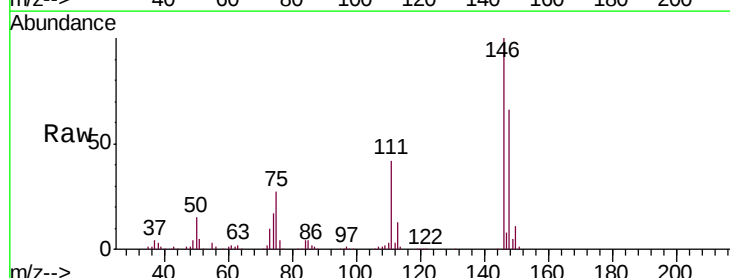
Instrument :
BNA_G
ClientSampleId :
PB126104BSD

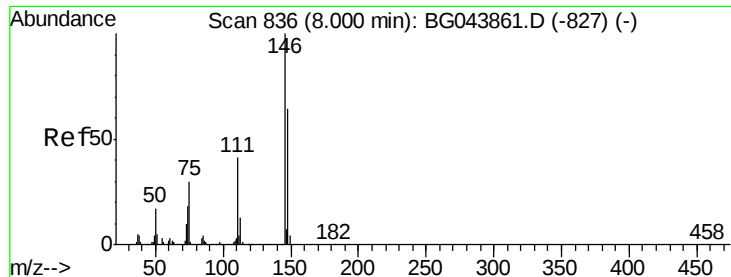
Tgt Ion	Ratio	Lower	Upper
93	100		
63	75.4	55.0	95.0
95	33.2	13.3	53.3



#12
1,3-Dichlorobenzene
Concen: 42.269 ng
RT: 7.83 min Scan# 808
Delta R.T. -0.02 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	52.1	78.1
75	26.6	23.0	34.4

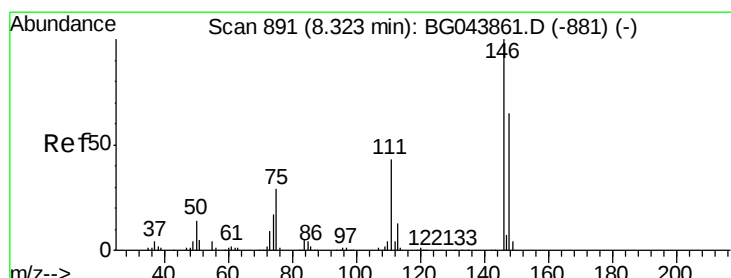
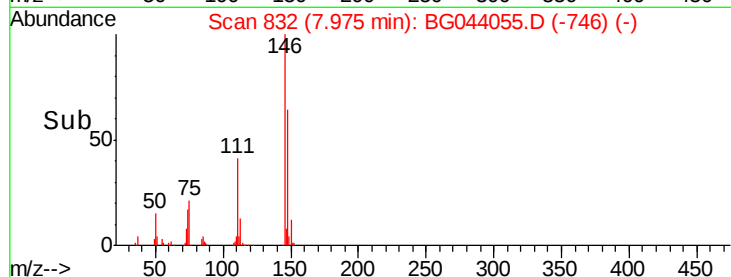
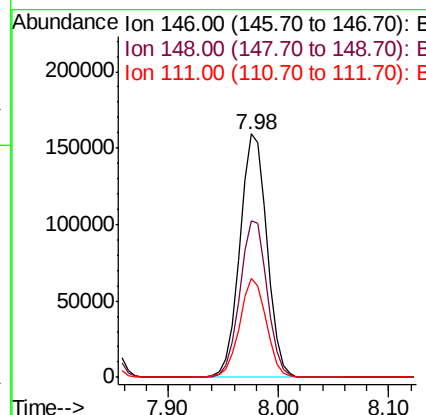
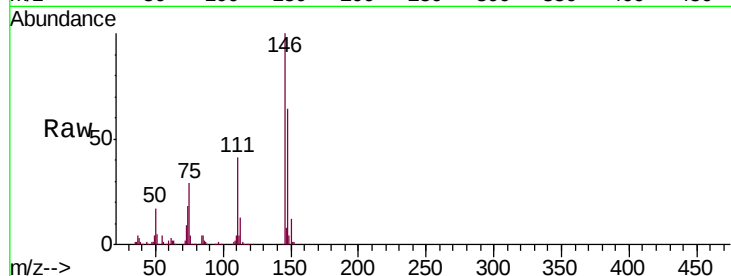




#13
 1,4-Dichlorobenzene
 Concen: 43.332 ng
 RT: 7.98 min Scan# 832
 Delta R.T. -0.02 min
 Lab File: BG044055.D
 Acq: 15 Jan 2020 18:30

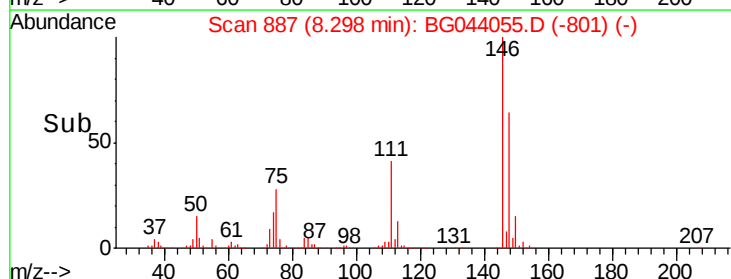
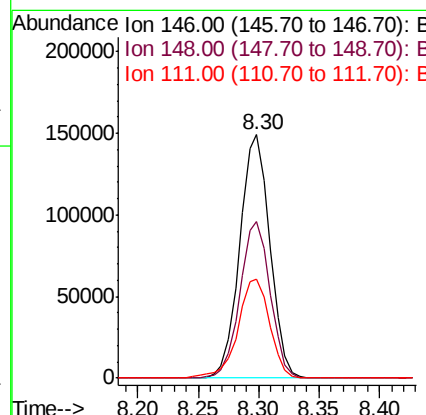
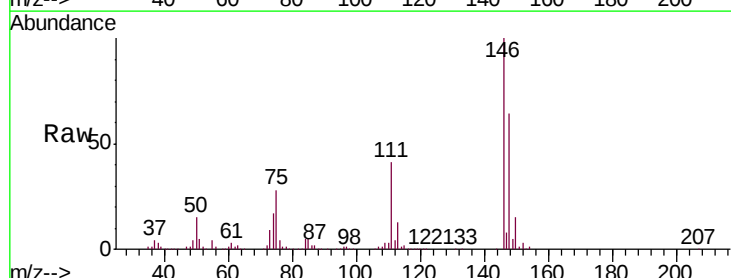
Instrument :
 BNA_G
 ClientSampleId :
 PB126104BSD

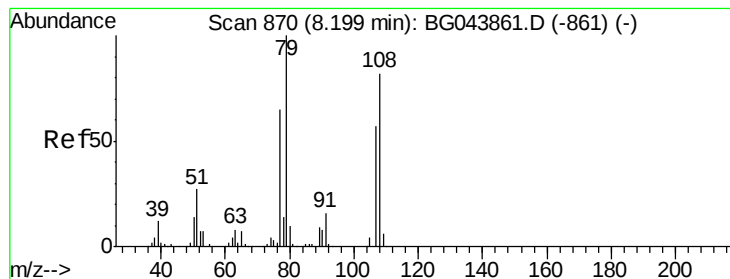
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.2	76.8
111	40.9	33.1	49.7



#14
 1,2-Dichlorobenzene
 Concen: 42.630 ng
 RT: 8.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BG044055.D
 Acq: 15 Jan 2020 18:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.7	77.5
111	40.8	34.4	51.6





#15

Benzyl Alcohol

Concen: 42.556 ng

RT: 8.18 min Scan# 867

Delta R.T. -0.02 min

Lab File: BG044055.D

Acq: 15 Jan 2020 18:30

Instrument :

BNA_G

ClientSampleId :

PB126104BSD

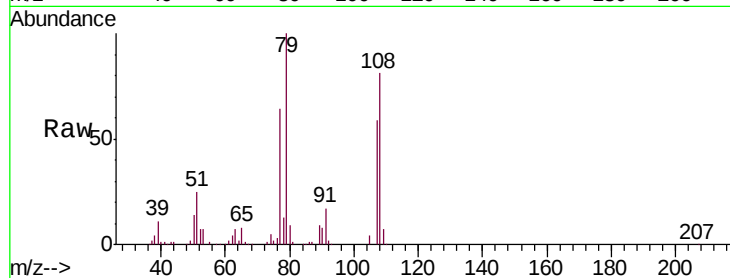
Tgt Ion: 79 Resp: 219276

Ion Ratio Lower Upper

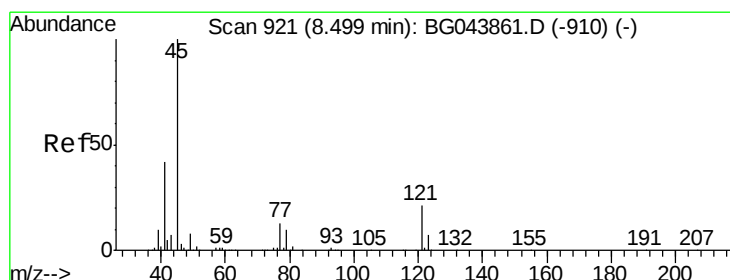
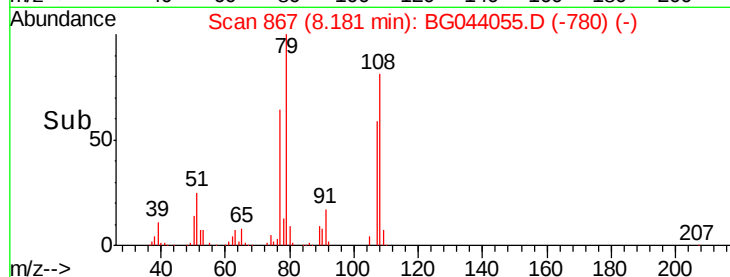
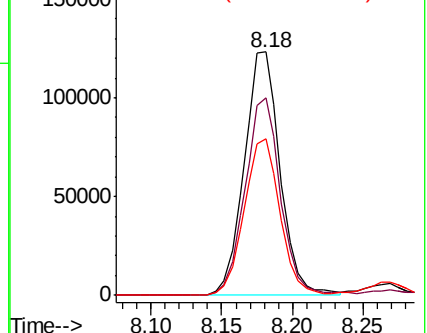
79 100

108 81.1 65.6 98.4

77 64.1 52.0 78.0



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.977 ng

RT: 8.47 min Scan# 917

Delta R.T. -0.02 min

Lab File: BG044055.D

Acq: 15 Jan 2020 18:30

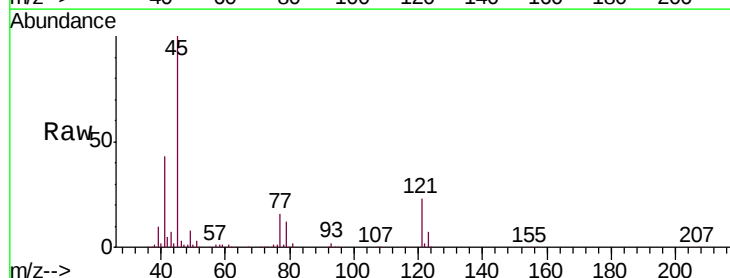
Tgt Ion: 45 Resp: 323191

Ion Ratio Lower Upper

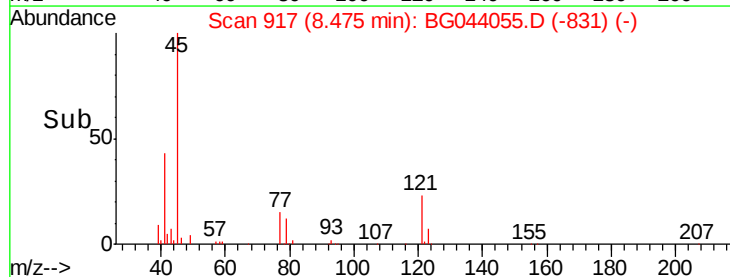
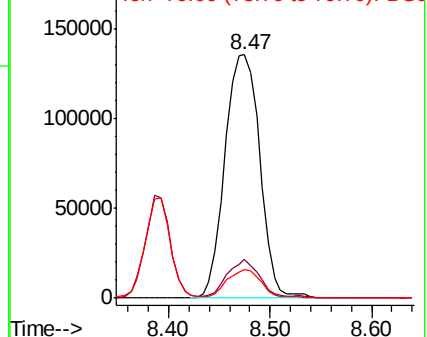
45 100

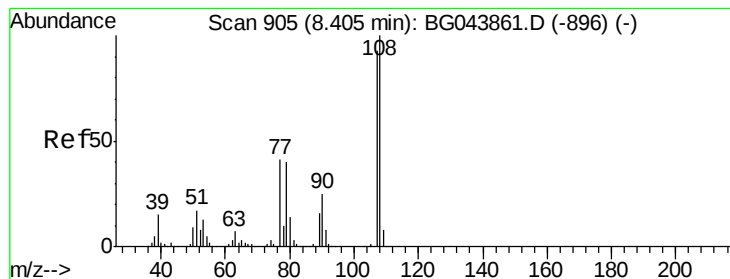
77 15.7 0.0 33.8

79 11.8 0.0 31.0



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

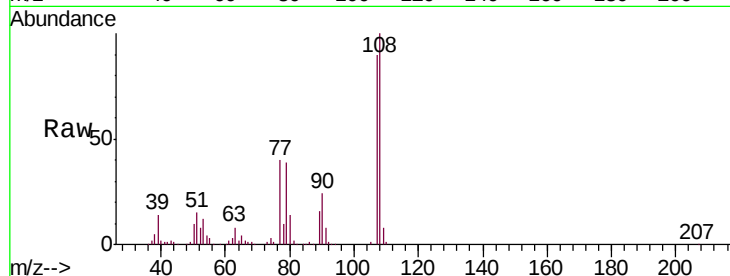




#17
2-Methylphenol
Concen: 46.762 ng
RT: 8.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Instrument :
BNA_G
ClientSampleId :
PB126104BSD

Tgt Ion	Ratio	Lower	Upper
107	100		
108	110.7	86.1	129.1
77	44.3	35.4	53.0
79	42.8	34.8	52.2



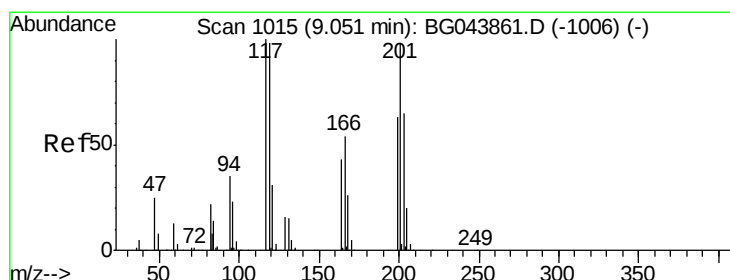
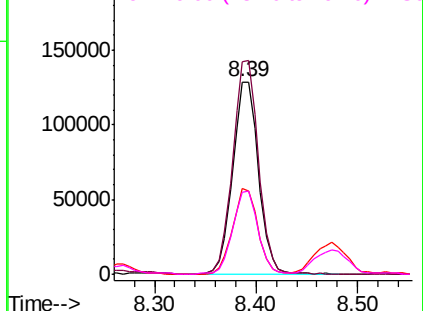
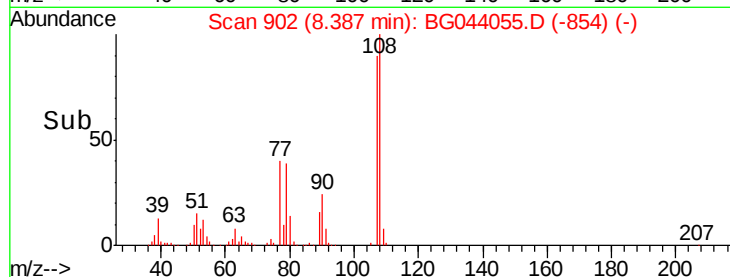
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

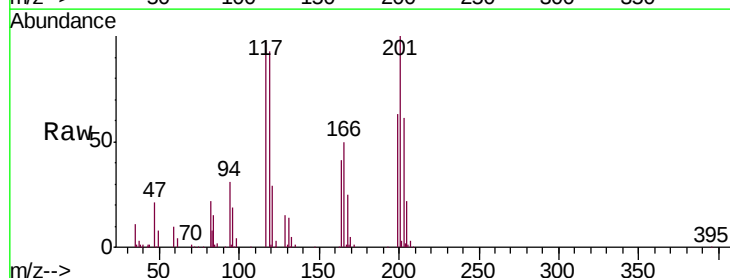
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 41.281 ng
RT: 9.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	78.1	117.1
201	102.8	78.6	117.8

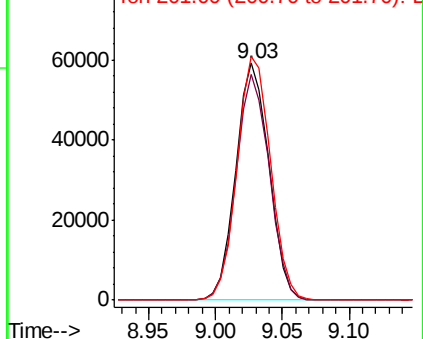
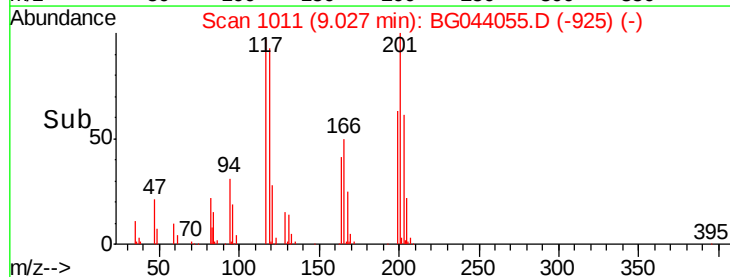


Abundance

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

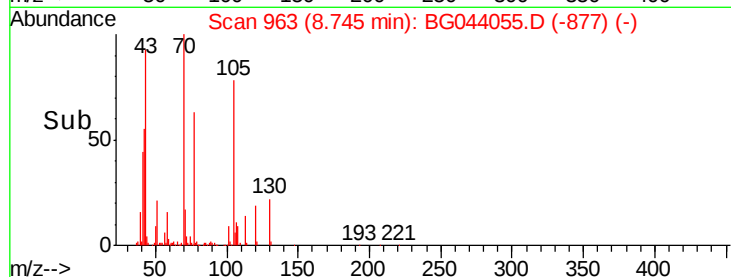
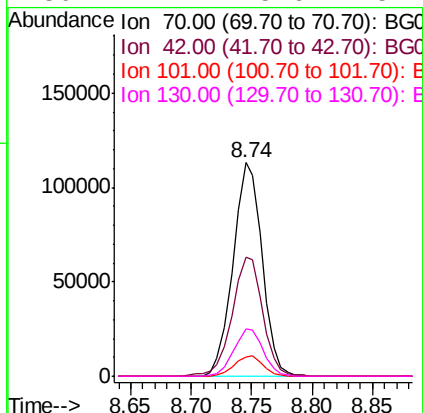
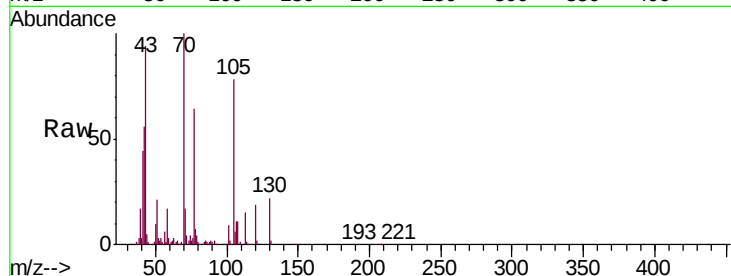




#19
n-Nitroso-di-n-propylamine
Concen: 38.991 ng
RT: 8.74 min Scan# 963
Delta R.T. -0.02 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

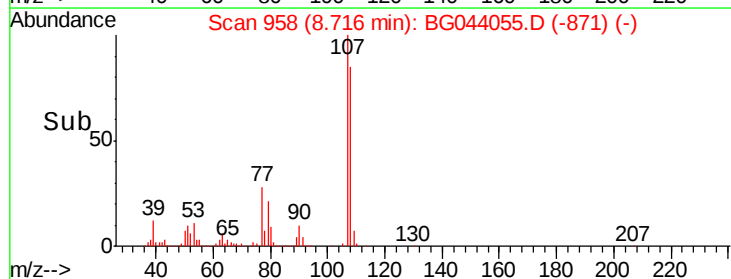
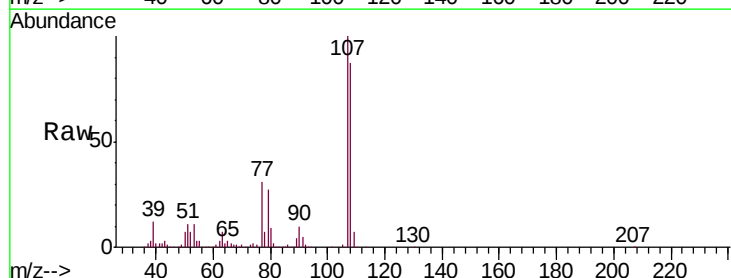
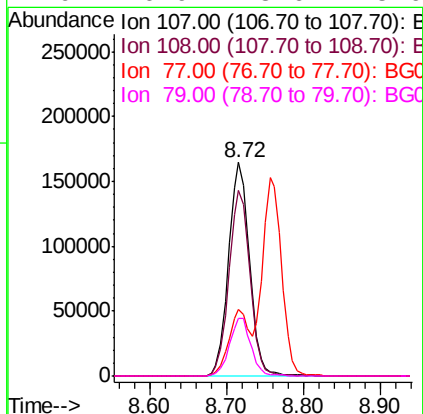
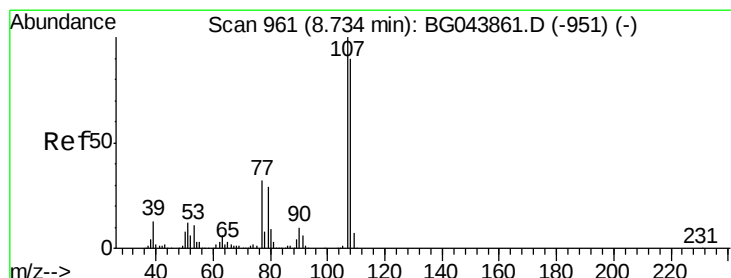
Instrument :
BNA_G
ClientSampleId :
PB126104BSD

Tgt Ion:	70	Resp:	189576
Ion	Ratio	Lower	Upper
70	100		
42	55.8	47.0	70.4
101	9.2	7.2	10.8
130	22.1	15.6	23.4



#20
3+4-Methylphenols
Concen: 46.207 ng
RT: 8.72 min Scan# 958
Delta R.T. -0.02 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Tgt Ion:	107	Resp:	313781
Ion	Ratio	Lower	Upper
107	100		
108	87.0	70.3	110.3
77	31.3	12.4	52.4
79	26.9	8.6	48.6

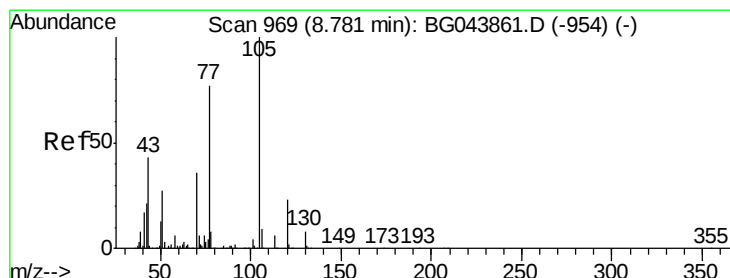
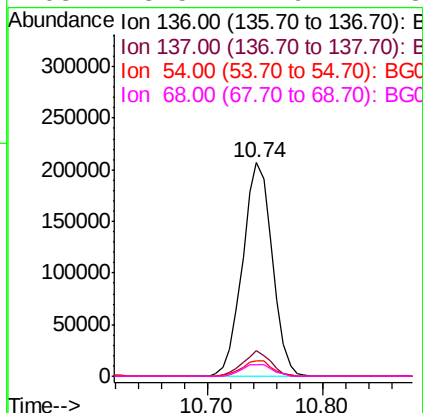
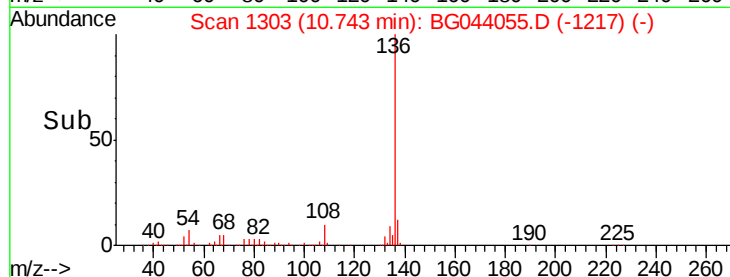
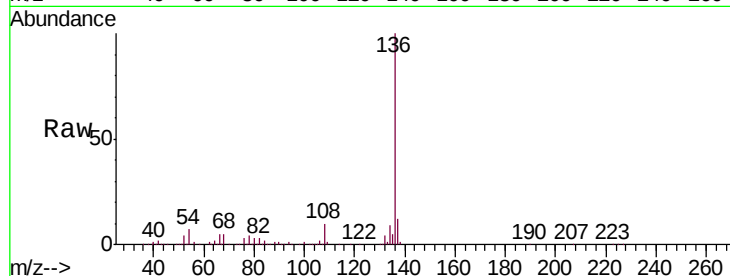




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.74 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

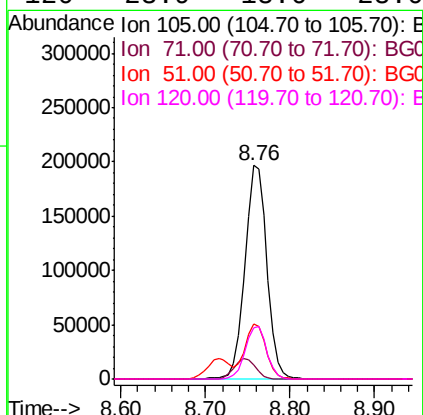
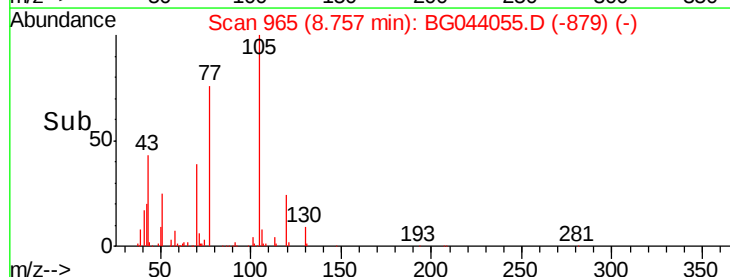
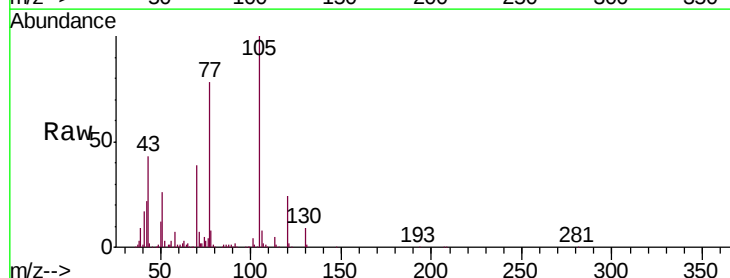
Instrument :
BNA_G
ClientSampleId :
PB126104BSD

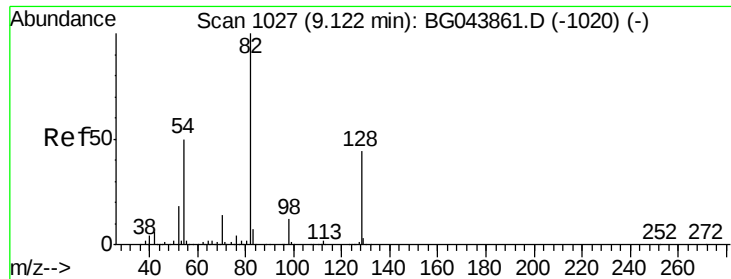
Tgt Ion:	136	Resp:	368813
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.8	13.2
54	7.3	7.0	10.4
68	5.5	4.9	7.3



#22
Acetophenone
Concen: 38.571 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.02 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Tgt Ion:	105	Resp:	353658
Ion	Ratio	Lower	Upper
105	100		
71	6.5	4.8	7.2
51	25.8	21.4	32.0
120	23.9	18.6	28.0

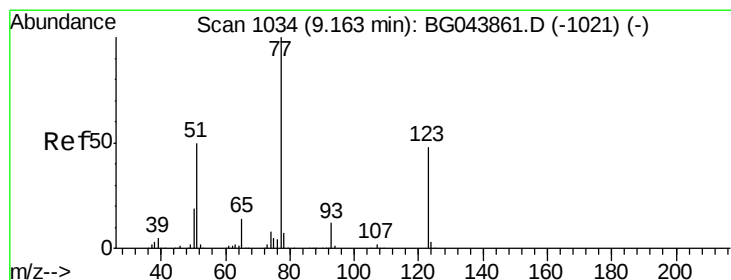
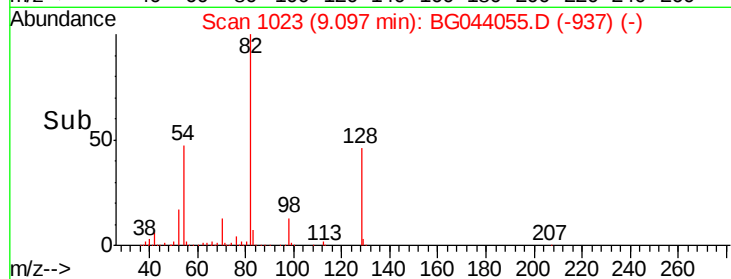
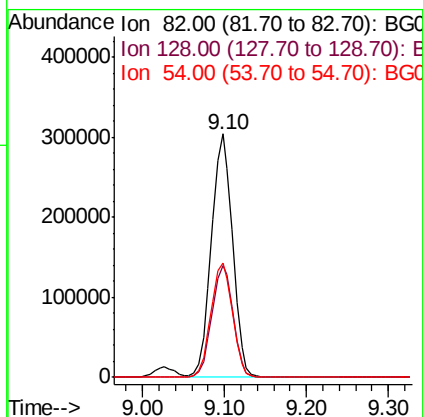
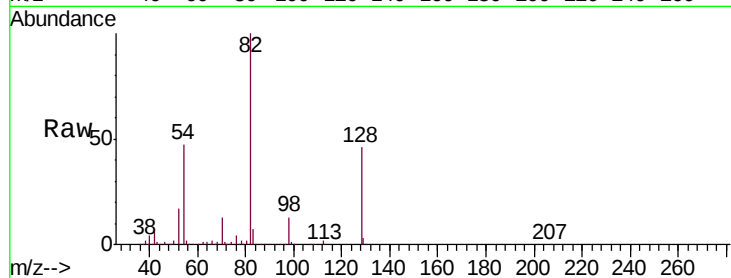




#23
 Nitrobenzene-d5
 Concen: 79.678 ng
 RT: 9.10 min Scan# 1023
 Delta R.T. -0.02 min
 Lab File: BG044055.D
 Acq: 15 Jan 2020 18:30

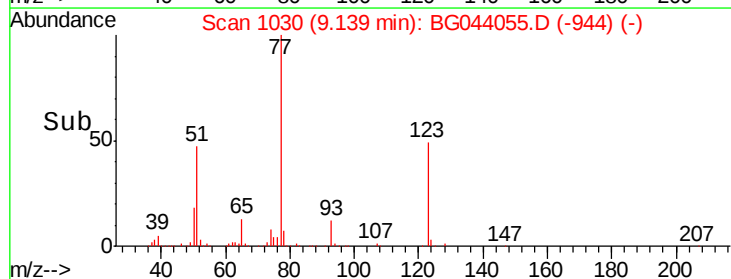
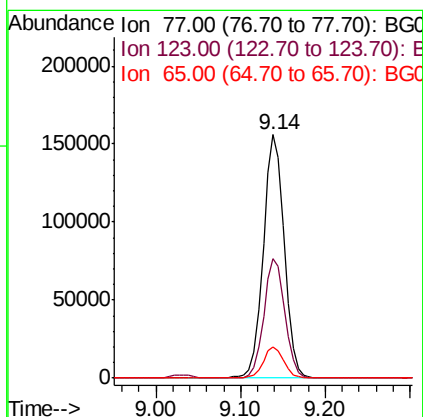
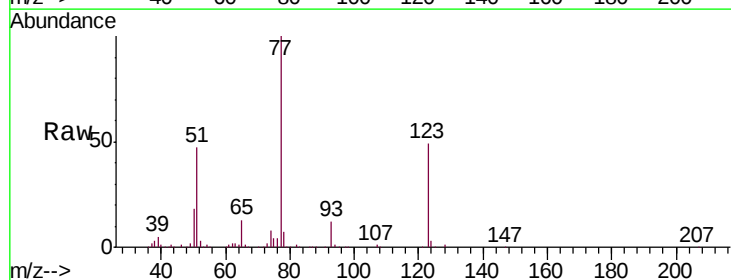
Instrument :
 BNA_G
 ClientSampleId :
 PB126104BSD

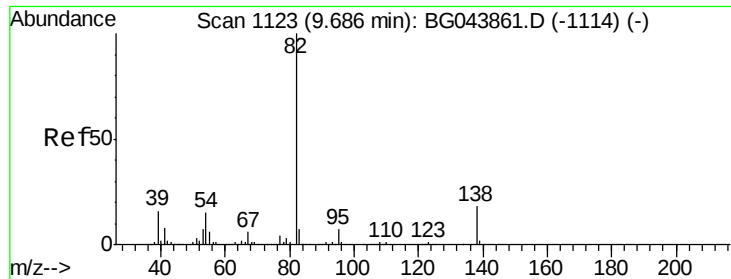
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.1	35.1	52.7
54	47.1	40.1	60.1



#24
 Nitrobenzene
 Concen: 39.511 ng
 RT: 9.14 min Scan# 1030
 Delta R.T. -0.02 min
 Lab File: BG044055.D
 Acq: 15 Jan 2020 18:30

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.3	38.7	58.1
65	13.0	11.1	16.7





#25

Isophorone

Concen: 39.745 ng

RT: 9.67 min Scan# 1120

Delta R.T. -0.02 min

Lab File: BG044055.D

Acq: 15 Jan 2020 18:30

Instrument :

BNA_G

ClientSampleId :

PB126104BSD

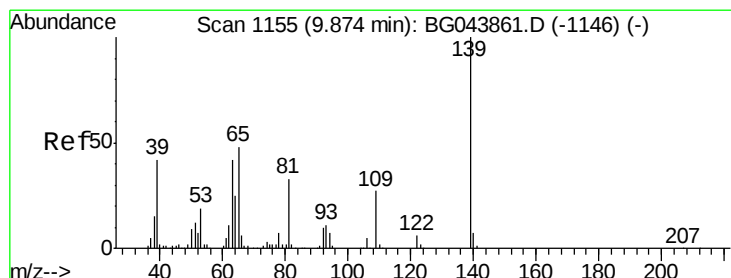
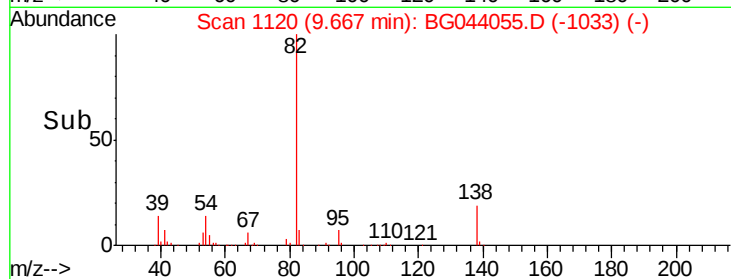
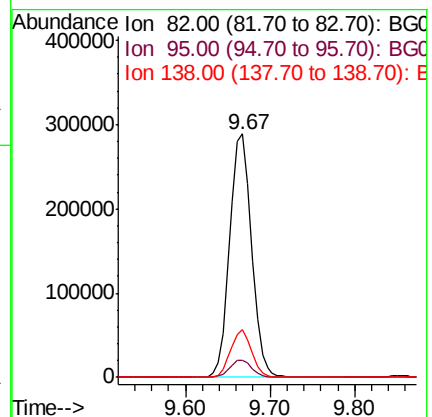
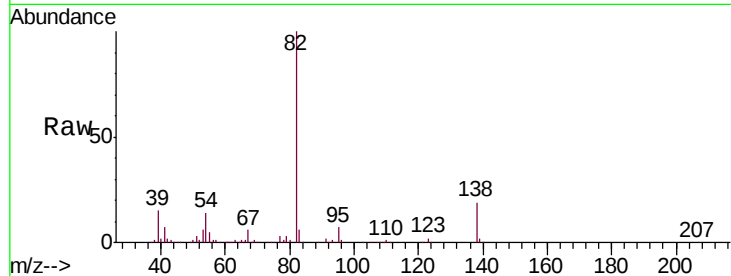
Tgt Ion: 82 Resp: 514076

Ion Ratio Lower Upper

82 100

95 7.1 5.8 8.6

138 19.4 14.6 22.0



#26

2-Nitrophenol

Concen: 46.639 ng

RT: 9.85 min Scan# 1151

Delta R.T. -0.02 min

Lab File: BG044055.D

Acq: 15 Jan 2020 18:30

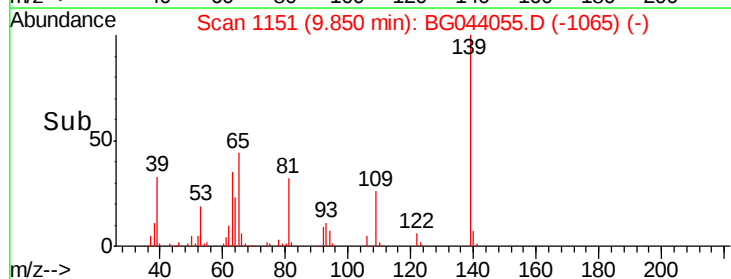
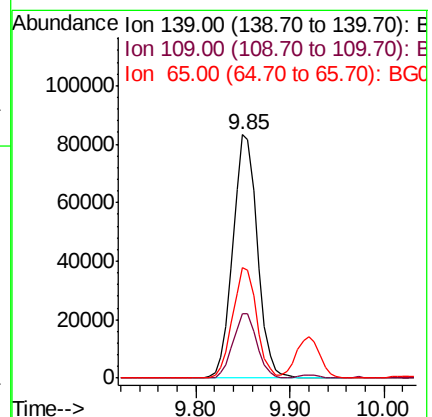
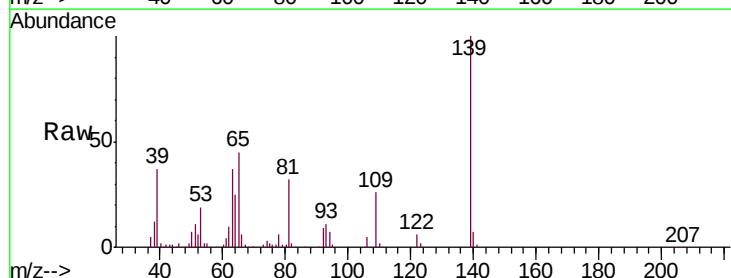
Tgt Ion: 139 Resp: 150668

Ion Ratio Lower Upper

139 100

109 26.5 21.3 31.9

65 45.3 38.6 57.8

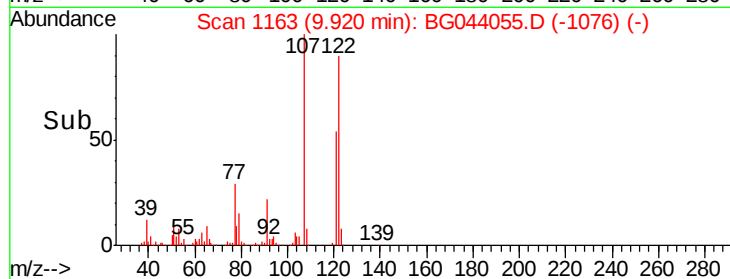
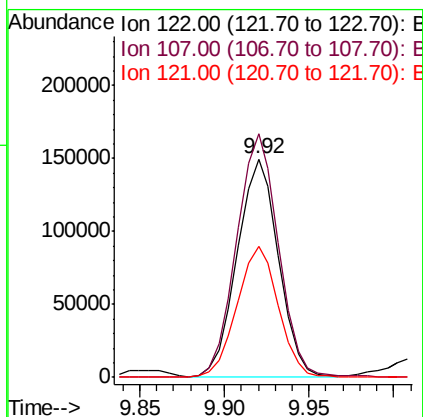
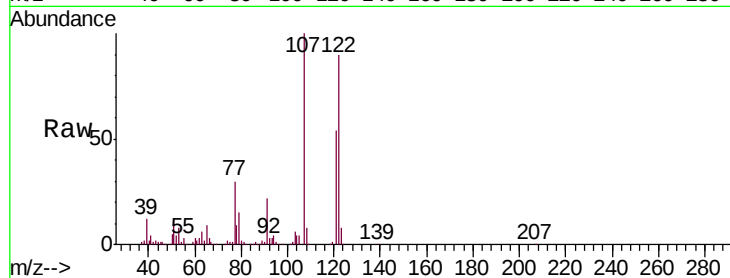




#27
2,4-Dimethylphenol
Concen: 52.327 ng
RT: 9.92 min Scan# 1163
Delta R.T. -0.02 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

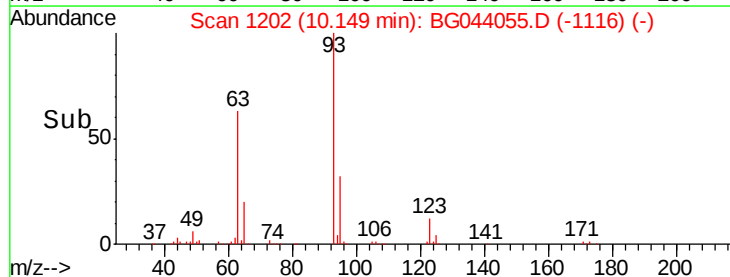
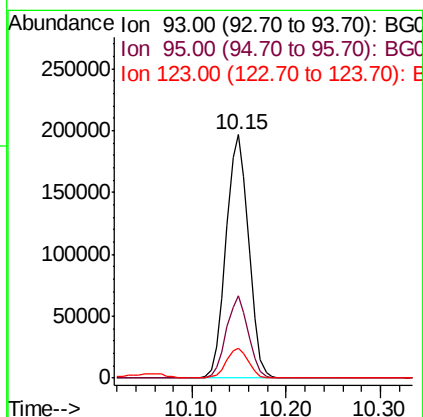
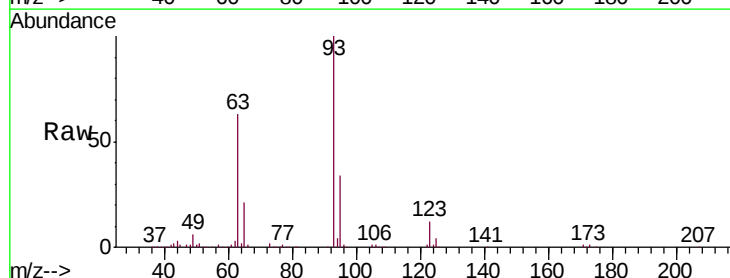
Instrument :
BNA_G
ClientSampleId :
PB126104BSD

Tgt Ion	Ratio	Lower	Upper
122	100		
107	111.7	88.0	132.0
121	60.3	49.0	73.4



#28
bis(2-Chloroethoxy)methane
Concen: 38.164 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	27.2	40.8
123	12.4	9.7	14.5

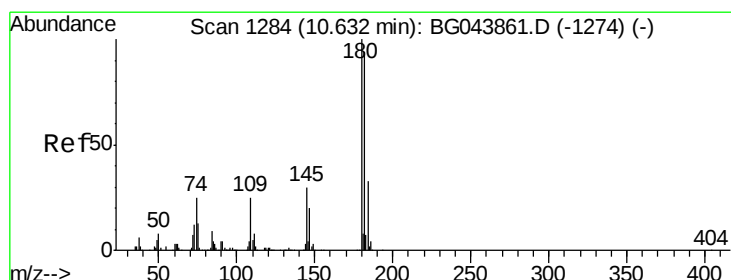
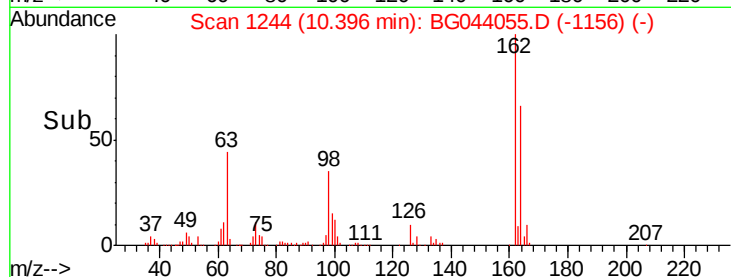
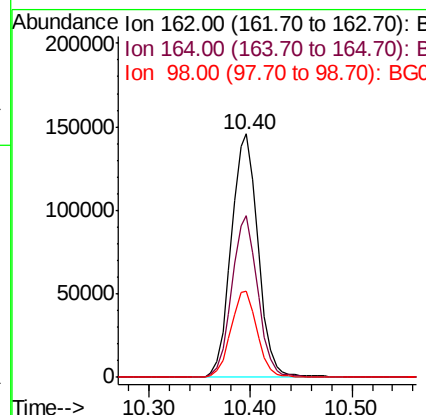
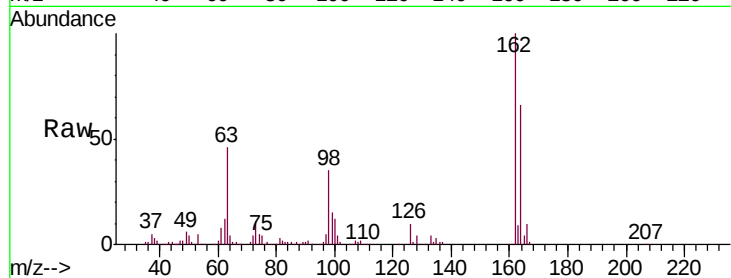




#29
2,4-Dichlorophenol
Concen: 45.997 ng
RT: 10.40 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

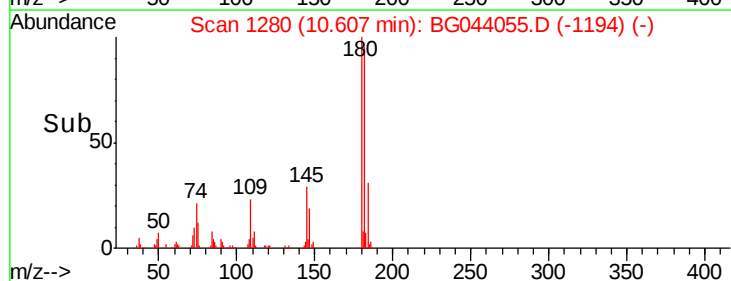
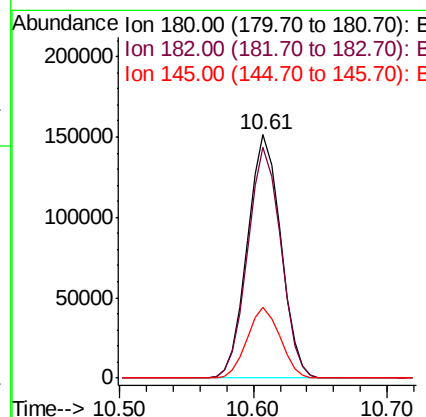
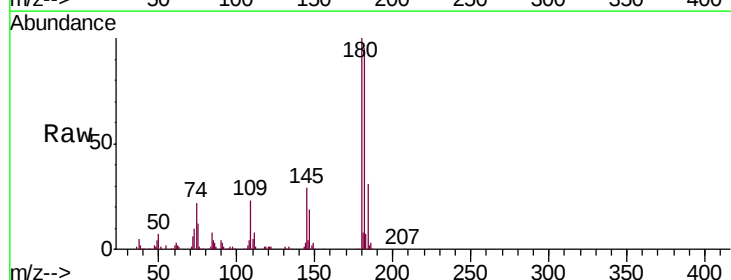
Instrument :
BNA_G
ClientSampleId :
PB126104BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.2	46.3	86.3
98	35.2	17.3	57.3



#30
1,2,4-Trichlorobenzene
Concen: 40.096 ng
RT: 10.61 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.0	112.4
145	28.9	24.2	36.4

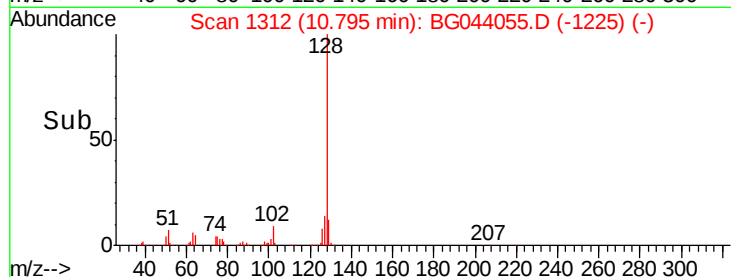
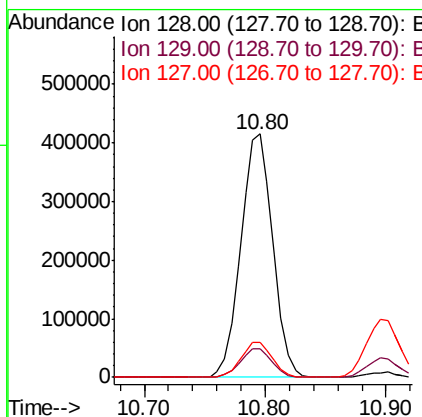
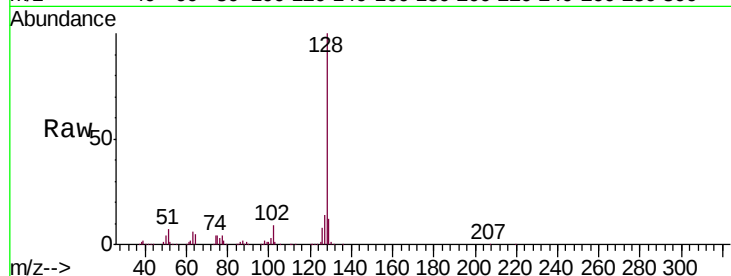




#31
Naphthalene
Concen: 42.602 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

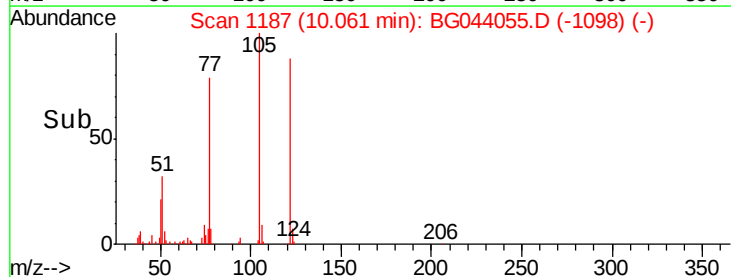
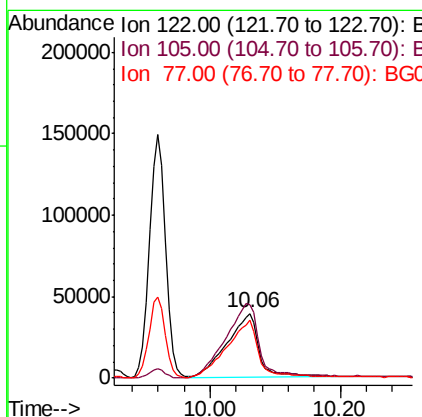
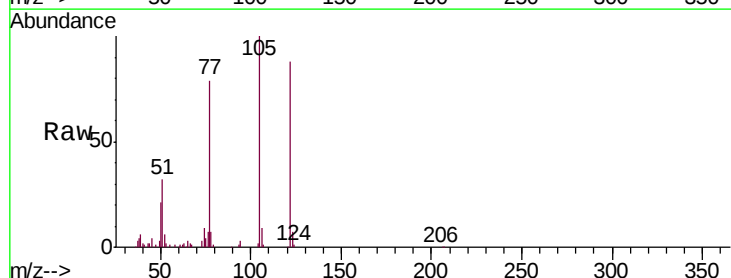
Instrument :
BNA_G
ClientSampleId :
PB126104BSD

Tgt Ion:128 Resp: 760340
Ion Ratio Lower Upper
128 100
129 11.7 9.8 14.6
127 14.2 12.0 18.0



#32
Benzoic acid
Concen: 35.510 ng
RT: 10.06 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Tgt Ion:122 Resp: 133205
Ion Ratio Lower Upper
122 100
105 114.0 106.4 146.4
77 90.3 74.6 114.6

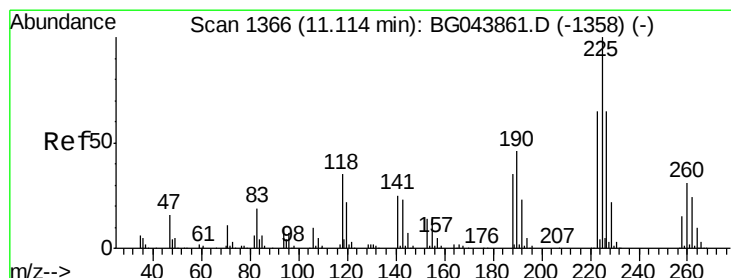
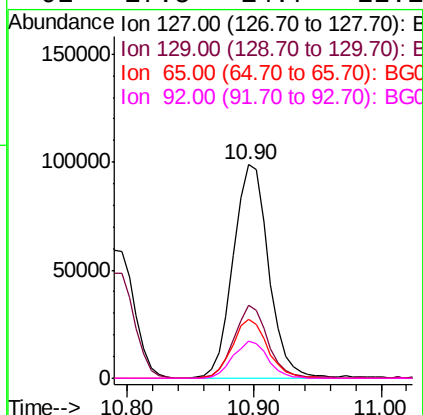
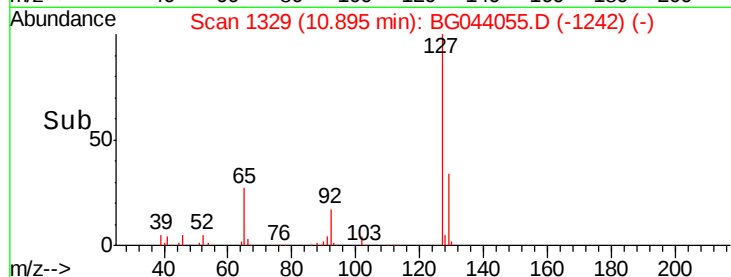
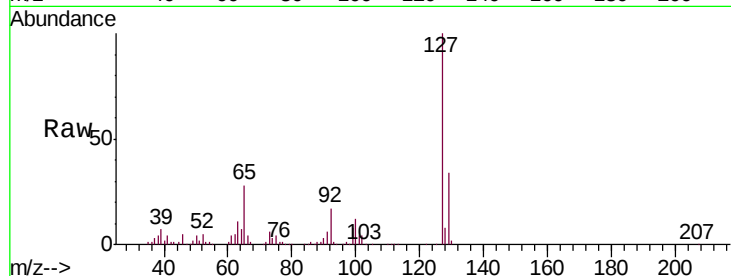




#33
4-Chloroaniline
Concen: 22.549 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

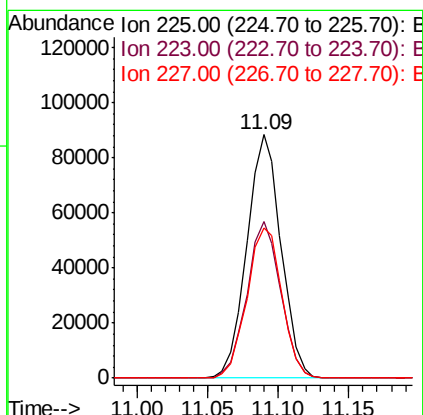
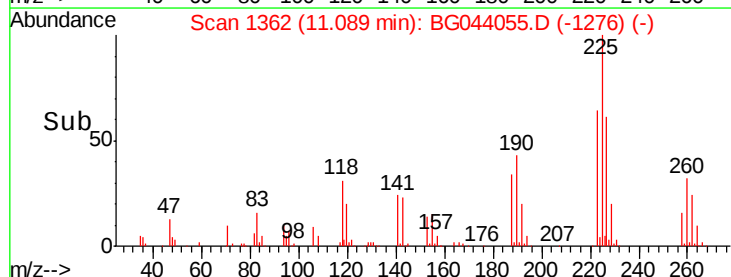
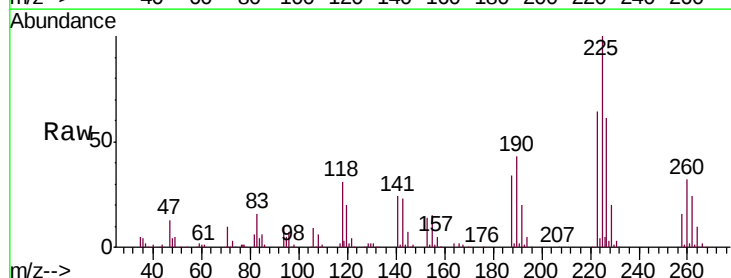
Instrument :
BNA_G
ClientSampleId :
PB126104BSD

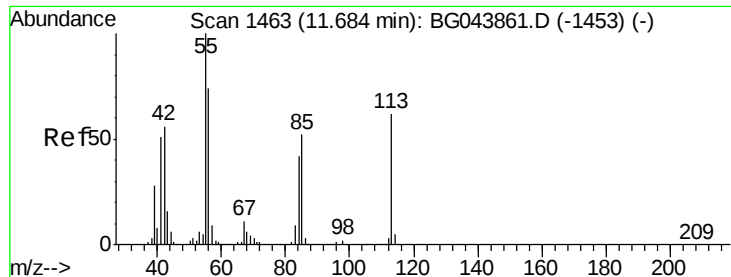
Tgt Ion:	127	Resp:	191949
Ion	Ratio	Lower	Upper
127	100		
129	34.0	26.6	40.0
65	27.5	23.3	34.9
92	17.5	14.7	22.1



#34
Hexachlorobutadiene
Concen: 37.676 ng
RT: 11.09 min Scan# 1362
Delta R.T. -0.02 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Tgt Ion:	225	Resp:	149611
Ion	Ratio	Lower	Upper
225	100		
223	64.1	52.2	78.4
227	61.5	52.1	78.1





#35

Caprolactam

Concen: 29.301 ng

RT: 11.67 min Scan# 1460

Delta R.T. -0.02 min

Lab File: BG044055.D

Acq: 15 Jan 2020 18:30

Instrument :

BNA_G

ClientSampleId :

PB126104BSD

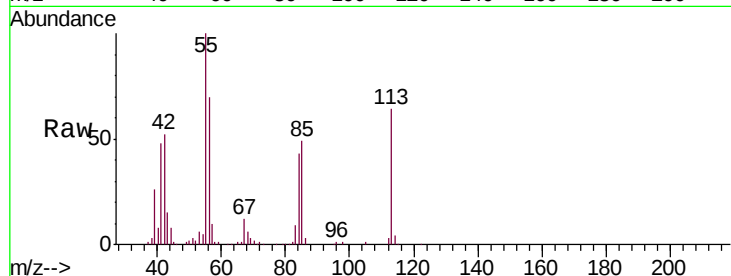
Tgt Ion:113 Resp: 63272

Ion Ratio Lower Upper

113 100

55 156.6 142.5 182.5

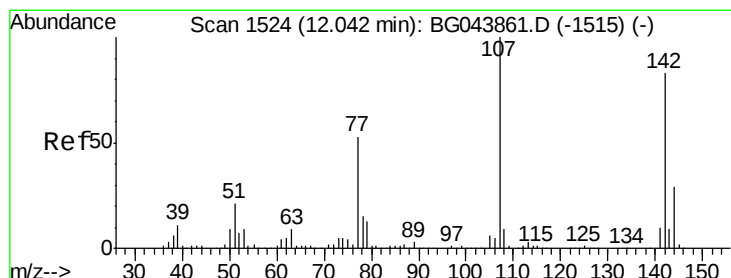
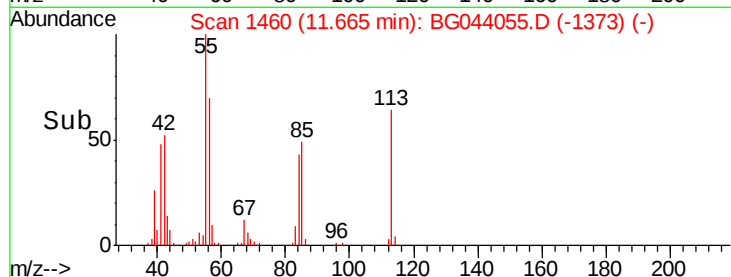
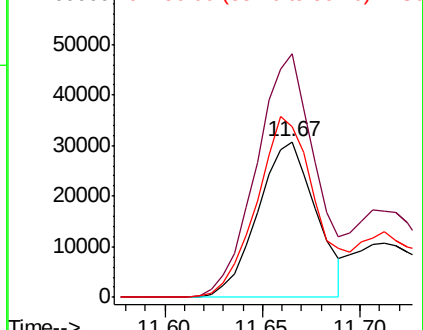
56 109.5 101.4 141.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 44.706 ng

RT: 12.03 min Scan# 1522

Delta R.T. -0.01 min

Lab File: BG044055.D

Acq: 15 Jan 2020 18:30

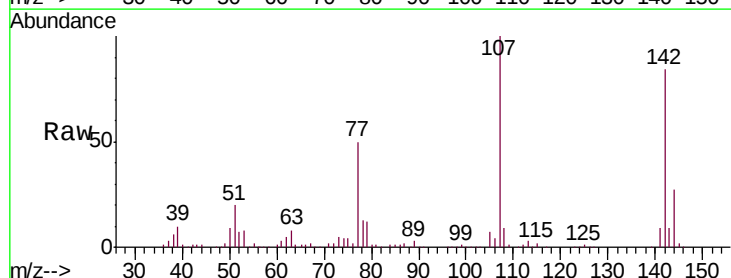
Tgt Ion:107 Resp: 276067

Ion Ratio Lower Upper

107 100

144 26.8 23.4 35.2

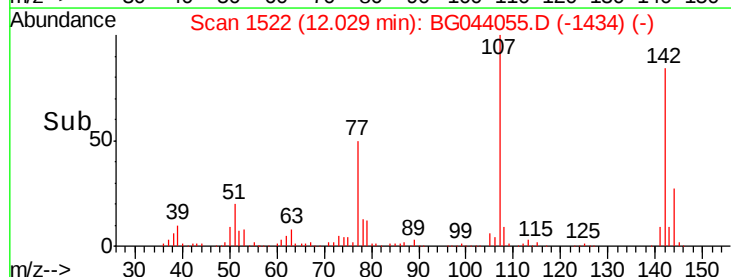
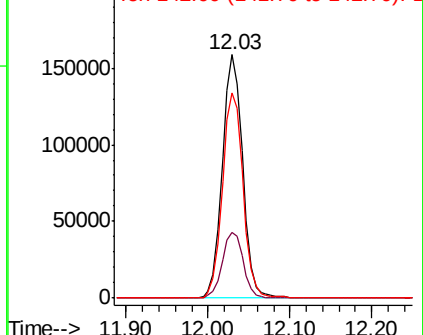
142 84.2 66.3 99.5

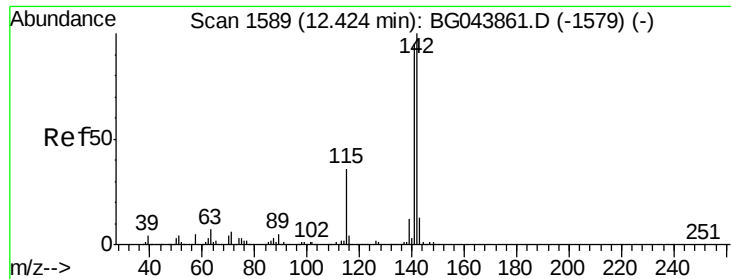


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

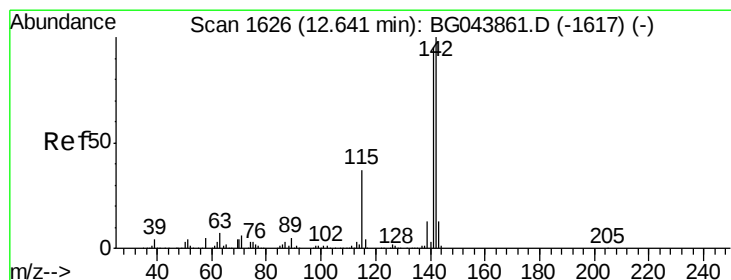
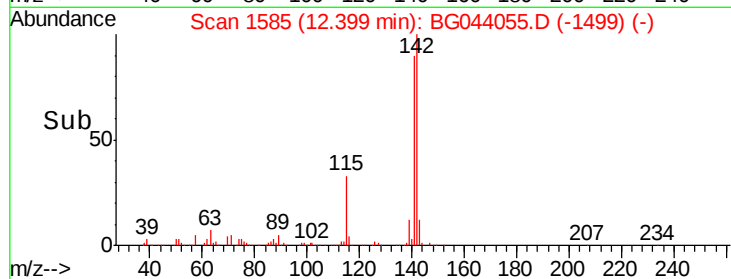
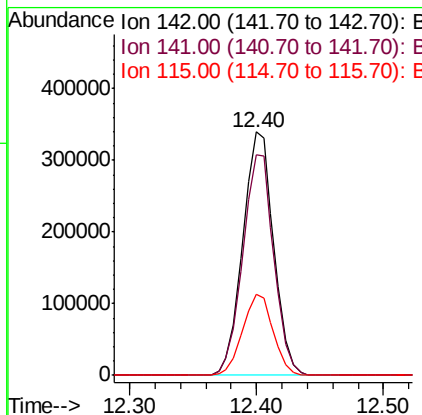
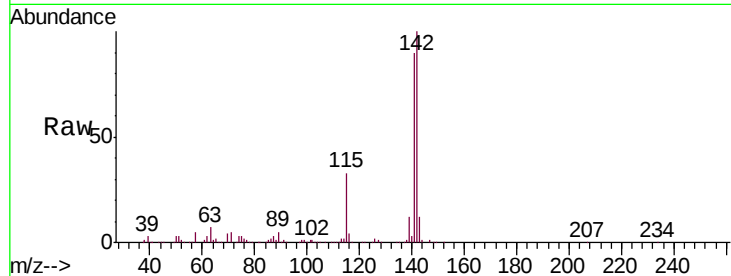




#37
 2-Methylnaphthalene
 Concen: 42.669 ng
 RT: 12.40 min Scan# 1585
 Delta R.T. -0.02 min
 Lab File: BG044055.D
 Acq: 15 Jan 2020 18:30

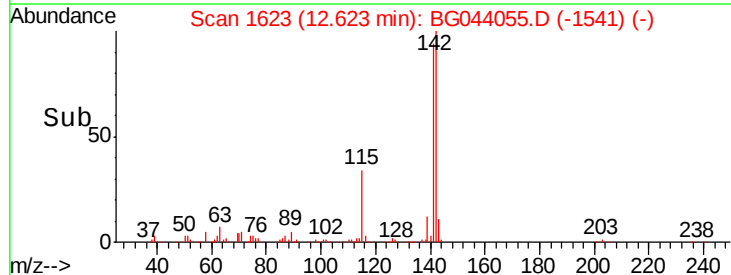
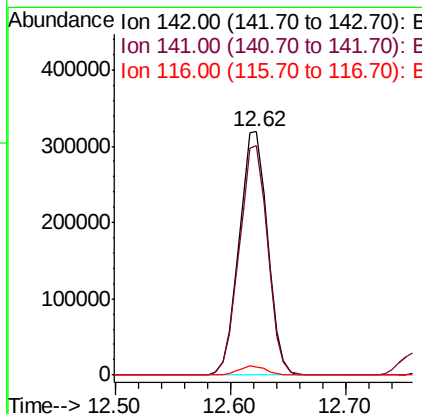
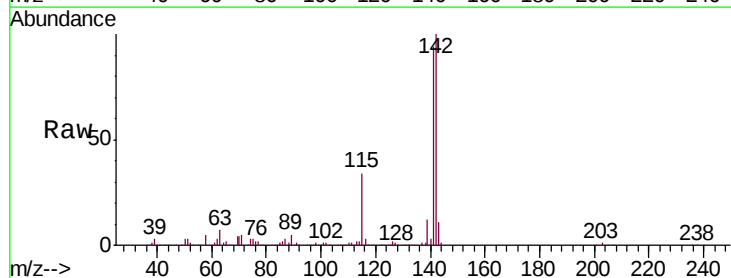
Instrument :
 BNA_G
 ClientSampleId :
 PB126104BSD

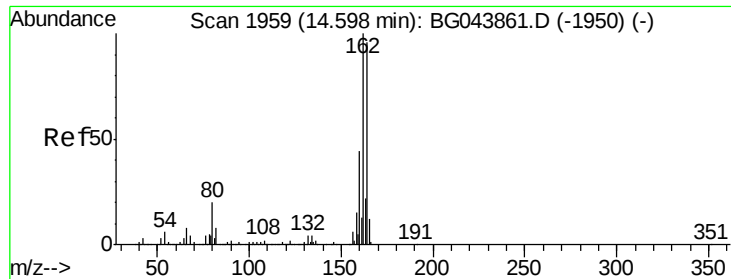
Tgt Ion:142 Resp: 573327
 Ion Ratio Lower Upper
 142 100
 141 90.4 75.8 113.8
 115 33.2 28.6 42.8



#38
 1-Methylnaphthalene
 Concen: 42.782 ng
 RT: 12.62 min Scan# 1623
 Delta R.T. -0.02 min
 Lab File: BG044055.D
 Acq: 15 Jan 2020 18:30

Tgt Ion:142 Resp: 544819
 Ion Ratio Lower Upper
 142 100
 141 94.0 76.0 114.0
 116 3.4 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.58 min Scan# 1956

Delta R.T. -0.02 min

Lab File: BG044055.D

Acq: 15 Jan 2020 18:30

Instrument :

BNA_G

ClientSampleId :

PB126104BSD

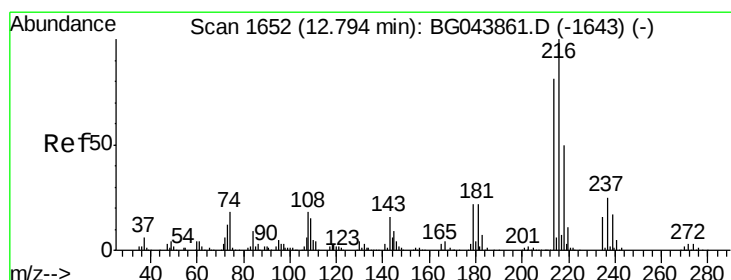
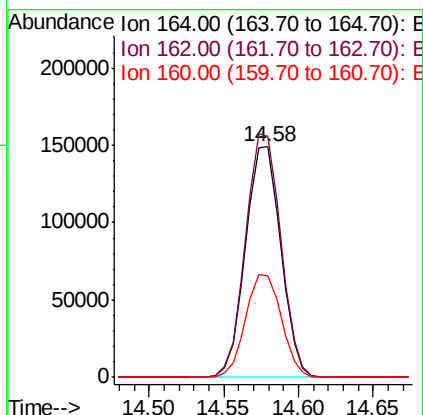
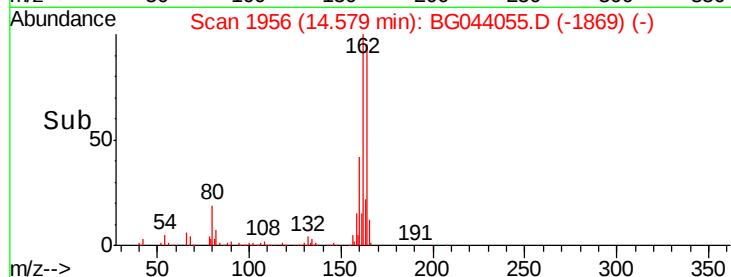
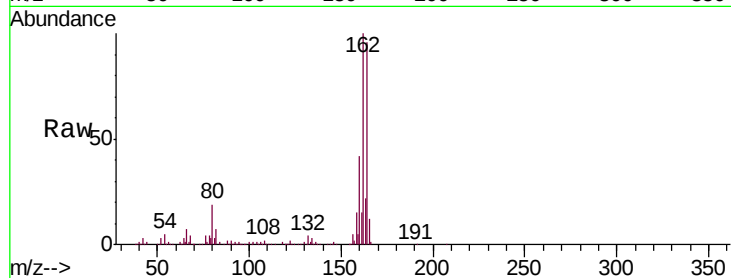
Tgt Ion:164 Resp: 243432

Ion Ratio Lower Upper

164 100

162 104.6 83.0 124.4

160 44.1 36.1 54.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.102 ng

RT: 12.77 min Scan# 1648

Delta R.T. -0.02 min

Lab File: BG044055.D

Acq: 15 Jan 2020 18:30

Tgt Ion:216 Resp: 271860

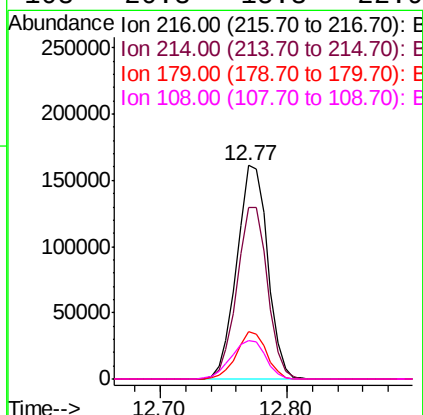
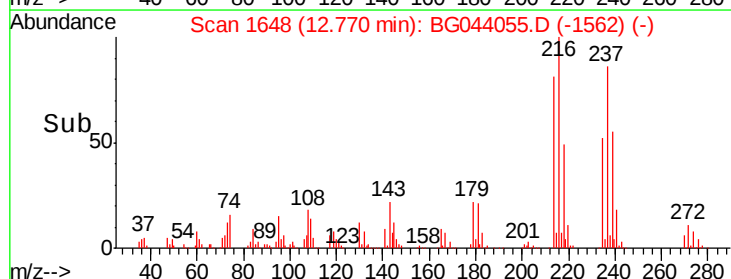
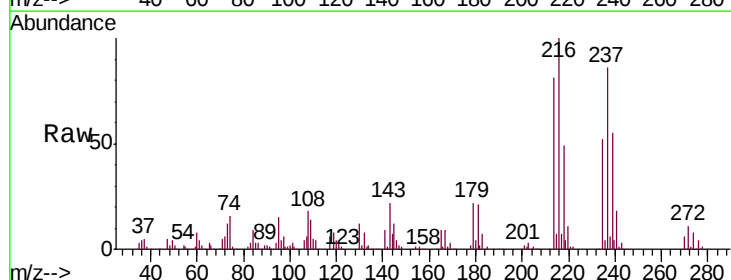
Ion Ratio Lower Upper

216 100

214 79.4 63.8 95.8

179 21.2 17.3 25.9

108 20.3 15.3 22.9





#41

Hexachlorocyclopentadiene

Concen: 98.679 ng

RT: 12.76 min Scan# 1646

Delta R.T. -0.02 min

Lab File: BG044055.D

Acq: 15 Jan 2020 18:30

Instrument :

BNA_G

ClientSampleId :

PB126104BSD

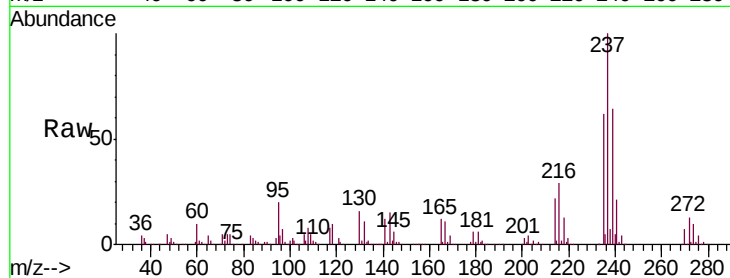
Tgt Ion:237 Resp: 365019

Ion Ratio Lower Upper

237 100

235 62.0 41.1 81.1

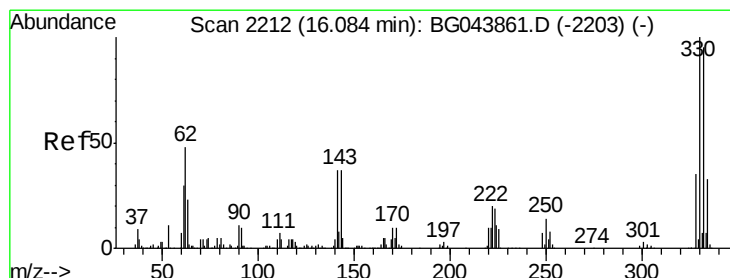
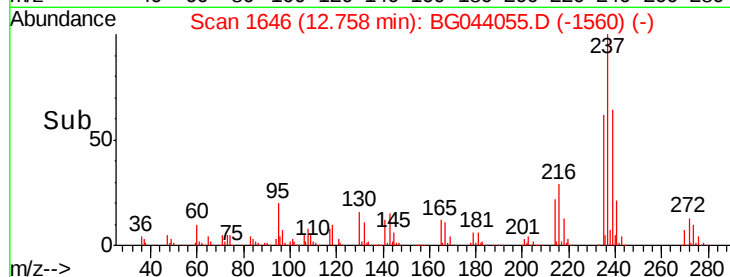
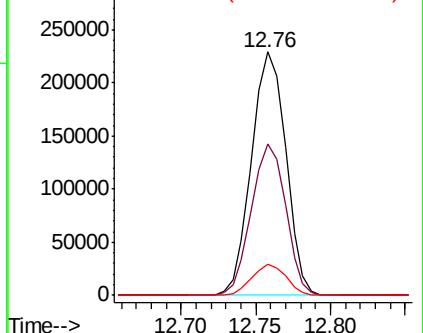
272 12.8 0.0 31.7



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: 84.896 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.02 min

Lab File: BG044055.D

Acq: 15 Jan 2020 18:30

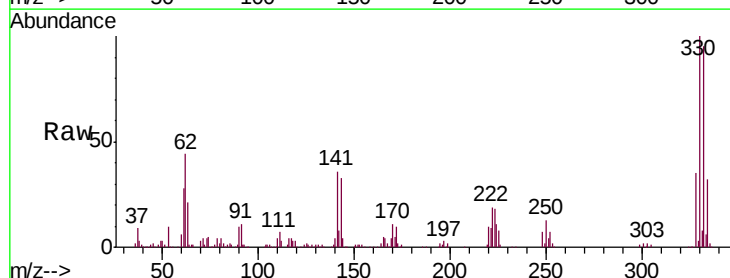
Tgt Ion:330 Resp: 216270

Ion Ratio Lower Upper

330 100

332 95.9 77.2 115.8

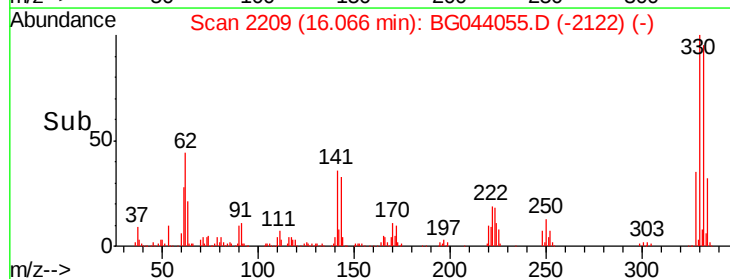
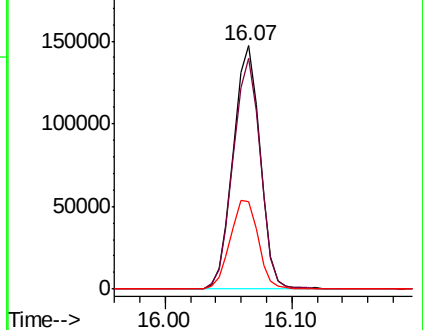
141 37.9 33.1 49.7



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

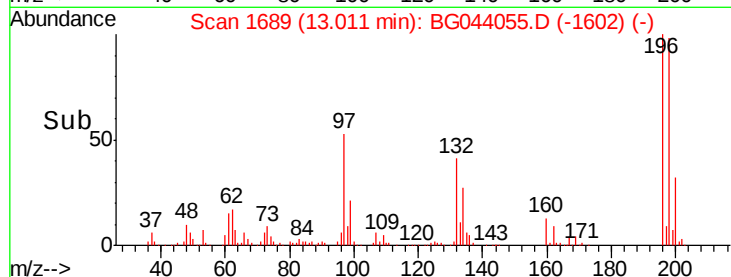
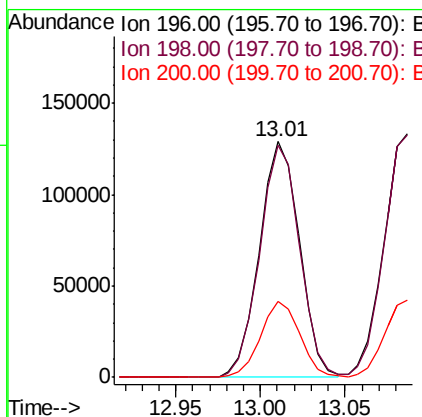
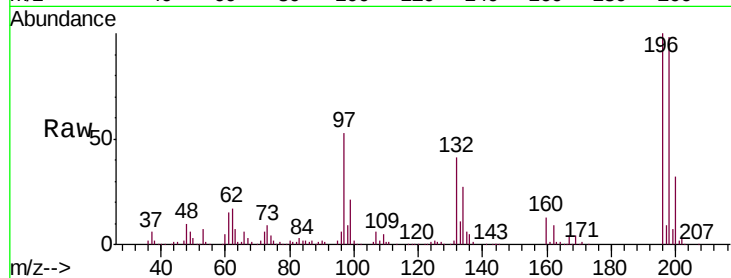




#43
 2,4,6-Trichlorophenol
 Concen: 43.033 ng
 RT: 13.01 min Scan# 1689
 Delta R.T. -0.02 min
 Lab File: BG044055.D
 Acq: 15 Jan 2020 18:30

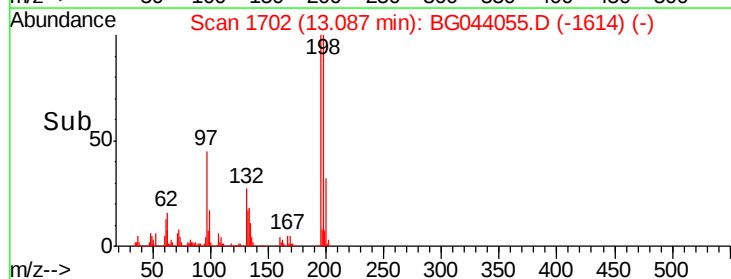
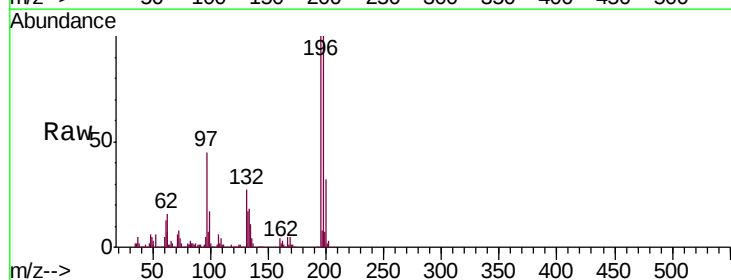
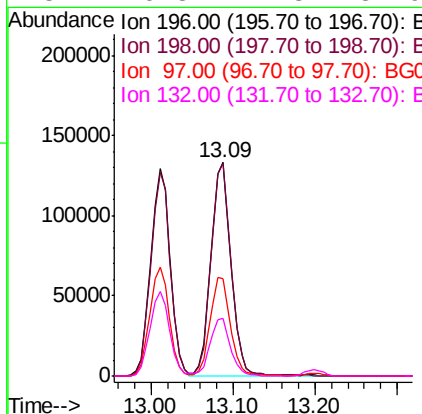
Instrument :
 BNA_G
 ClientSampleId :
 PB126104BSD

Tgt Ion:196 Resp: 211270
 Ion Ratio Lower Upper
 196 100
 198 98.2 76.6 115.0
 200 32.2 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 45.207 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG044055.D
 Acq: 15 Jan 2020 18:30

Tgt Ion:196 Resp: 228908
 Ion Ratio Lower Upper
 196 100
 198 99.7 78.3 117.5
 97 45.4 38.8 58.2
 132 26.8 21.3 31.9



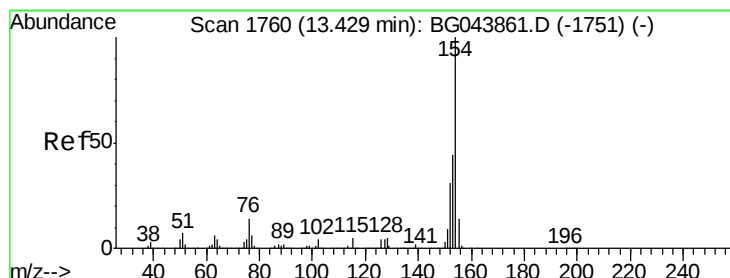
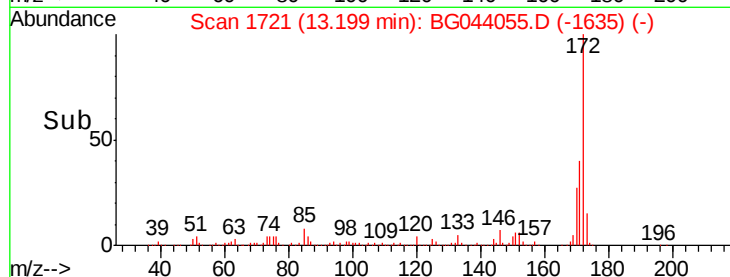
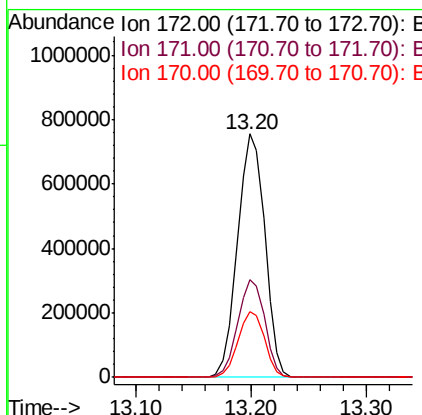
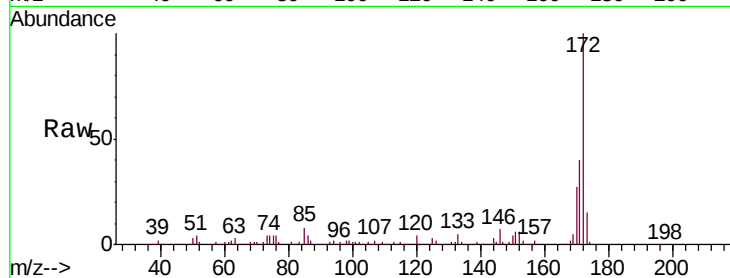


#45
 2-Fluorobiphenyl
 Concen: 91.976 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.02 min
 Lab File: BG044055.D
 Acq: 15 Jan 2020 18:30

Instrument :
 BNA_G
 ClientSampleId :
 PB126104BSD

Tgt Ion:172 Resp: 1235806

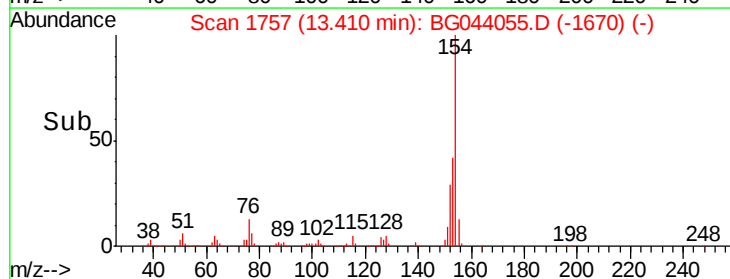
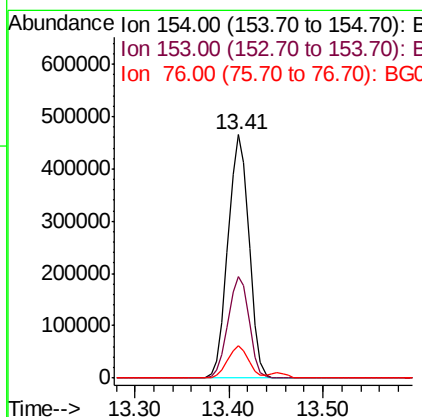
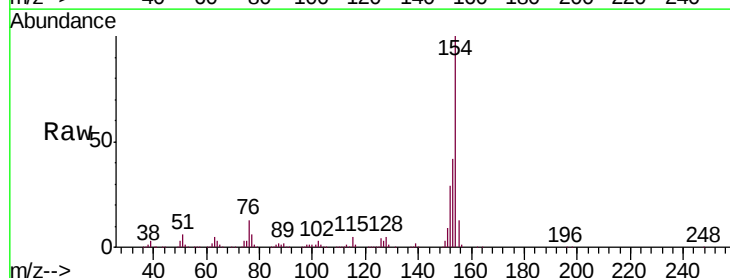
Ion	Ratio	Lower	Upper
172	100		
171	40.4	35.8	53.8
170	27.1	24.2	36.4



#46
 1,1'-Biphenyl
 Concen: 41.353 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.02 min
 Lab File: BG044055.D
 Acq: 15 Jan 2020 18:30

Tgt Ion:154 Resp: 721764

Ion	Ratio	Lower	Upper
154	100		
153	41.6	23.6	63.6
76	13.1	0.0	34.4

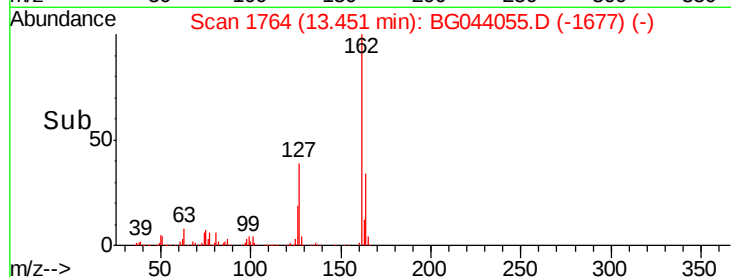
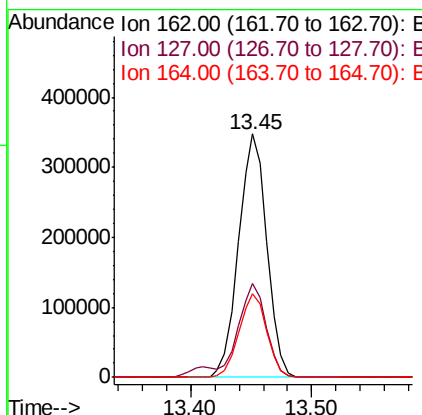
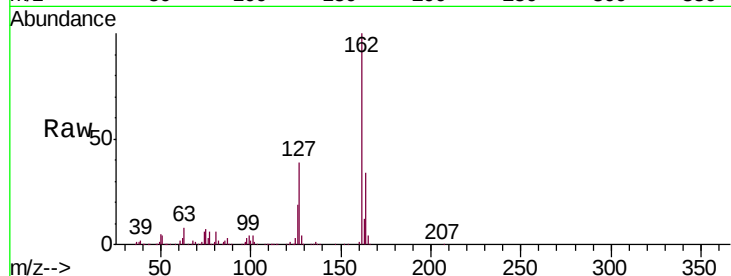




#47
 2-Chloronaphthalene
 Concen: 39.968 ng
 RT: 13.45 min Scan# 1764
 Delta R.T. -0.02 min
 Lab File: BG044055.D
 Acq: 15 Jan 2020 18:30

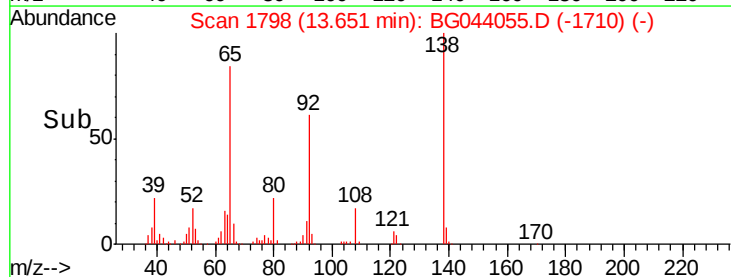
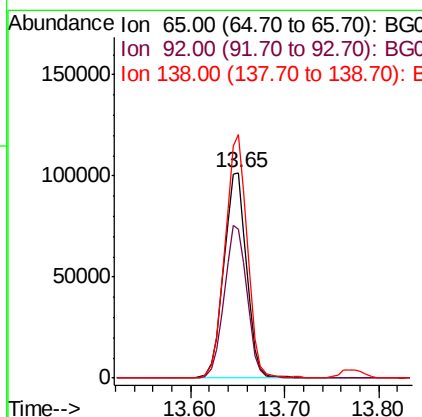
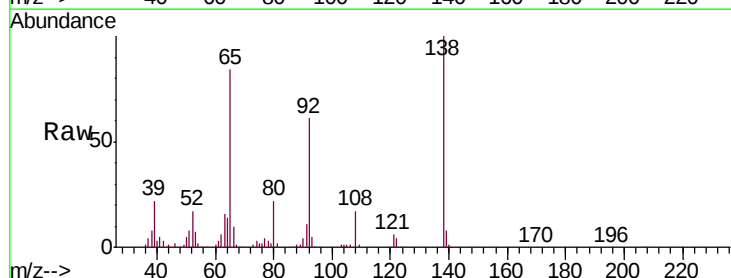
Instrument :
 BNA_G
 ClientSampleId :
 PB126104BSD

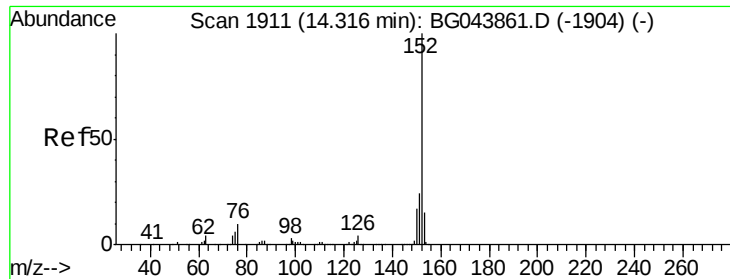
Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.6	32.1	48.1
164	34.2	27.5	41.3



#48
 2-Nitroaniline
 Concen: 38.183 ng
 RT: 13.65 min Scan# 1798
 Delta R.T. -0.01 min
 Lab File: BG044055.D
 Acq: 15 Jan 2020 18:30

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.6	57.4	86.2
138	118.6	88.2	132.4





#49

Acenaphthylene

Concen: 44.674 ng

RT: 14.30 min Scan# 1908

Delta R.T. -0.02 min

Lab File: BG044055.D

Acq: 15 Jan 2020 18:30

Instrument :

BNA_G

ClientSampleId :

PB126104BSD

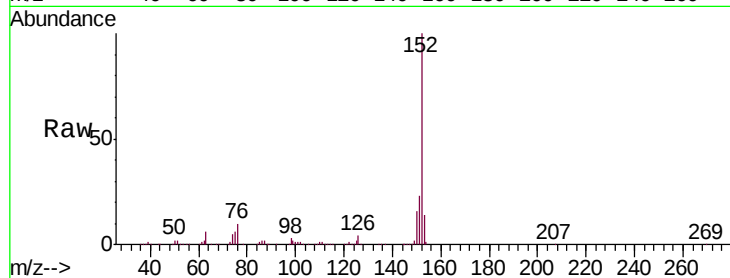
Tgt Ion:152 Resp: 905590

Ion Ratio Lower Upper

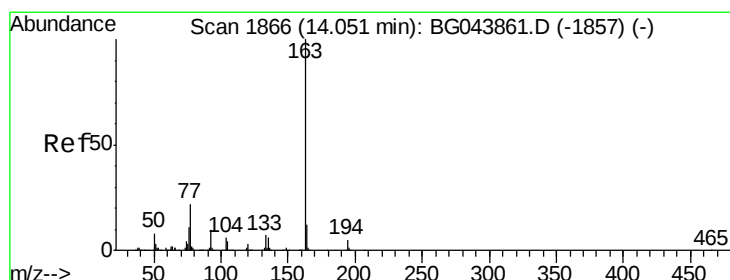
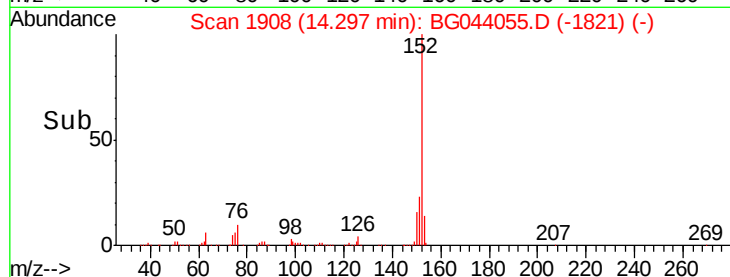
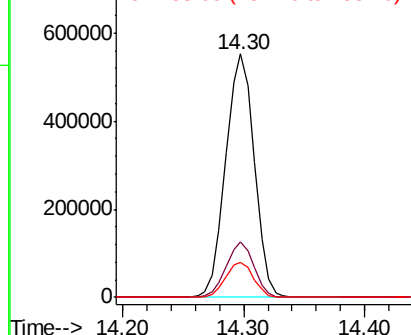
152 100

151 22.9 19.4 29.2

153 14.1 12.0 18.0



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: 42.491 ng

RT: 14.03 min Scan# 1863

Delta R.T. -0.02 min

Lab File: BG044055.D

Acq: 15 Jan 2020 18:30

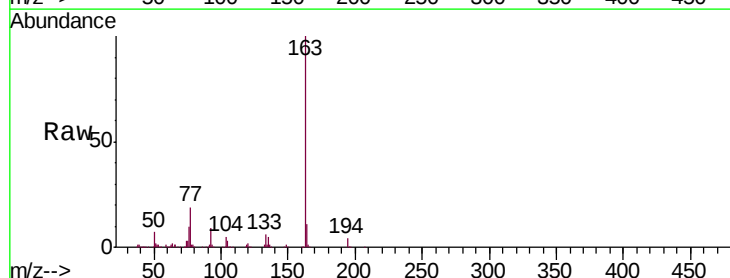
Tgt Ion:163 Resp: 734443

Ion Ratio Lower Upper

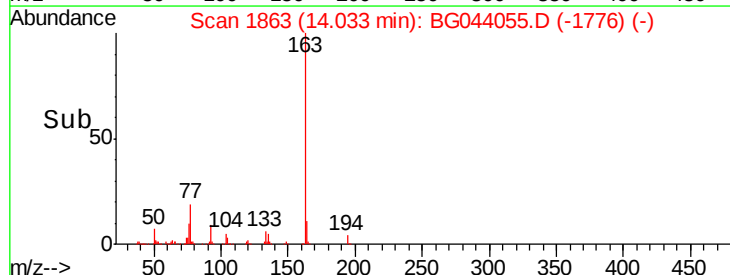
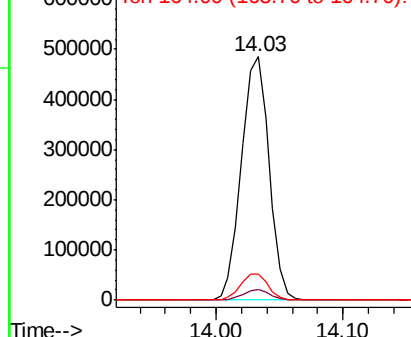
163 100

194 4.4 3.7 5.5

164 10.9 9.3 13.9



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: 43.183 ng

RT: 14.14 min Scan# 1882

Delta R.T. -0.02 min

Lab File: BG044055.D

Acq: 15 Jan 2020 18:30

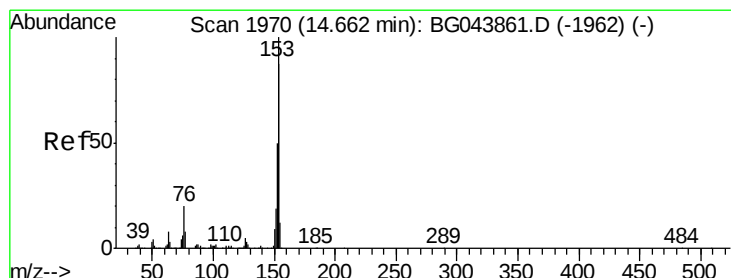
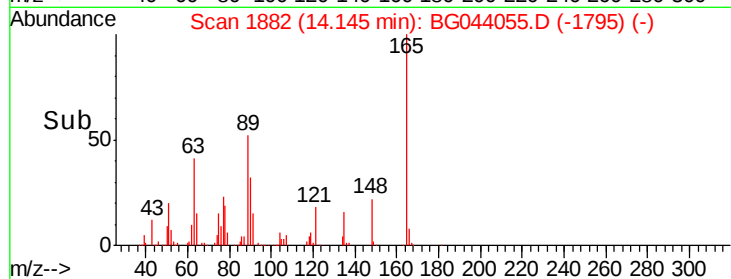
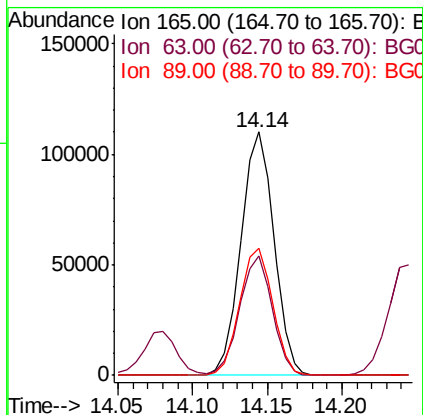
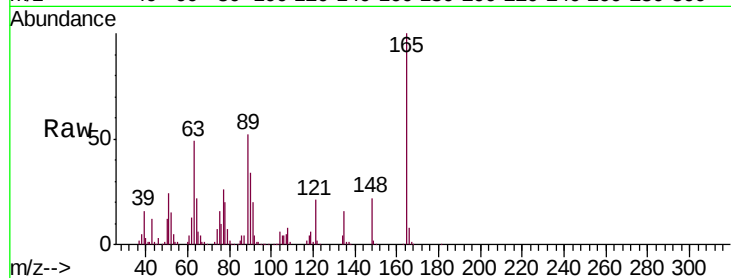
Instrument :

BNA_G

ClientSampleId :

PB126104BSD

Tgt Ion:	165	Resp:	168706
Ion	Ratio	Lower	Upper
165	100		
63	49.0	43.1	64.7
89	52.1	43.8	65.6



#52

Acenaphthene

Concen: 39.581 ng

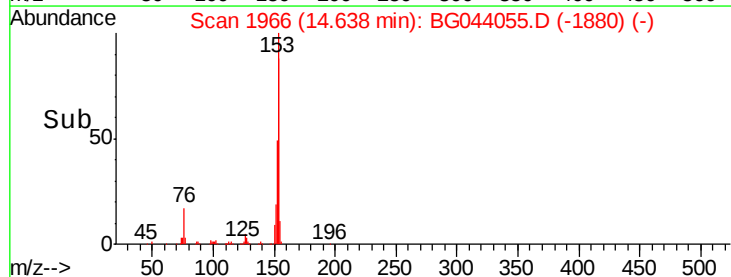
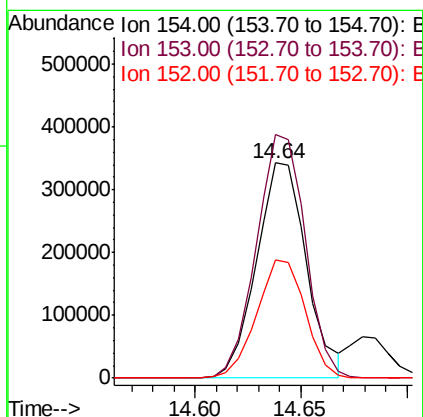
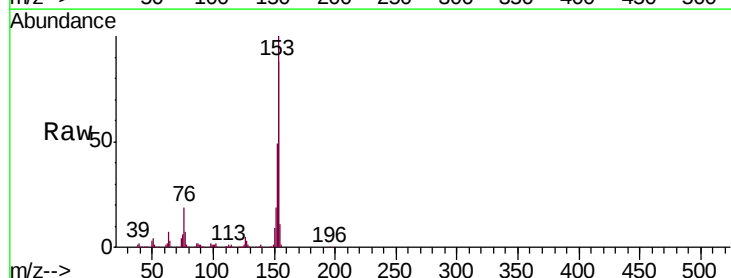
RT: 14.64 min Scan# 1966

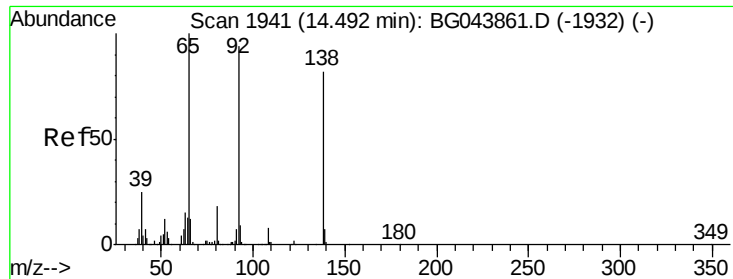
Delta R.T. -0.02 min

Lab File: BG044055.D

Acq: 15 Jan 2020 18:30

Tgt Ion:	154	Resp:	562685
Ion	Ratio	Lower	Upper
154	100		
153	113.2	91.6	137.4
152	55.2	45.4	68.0

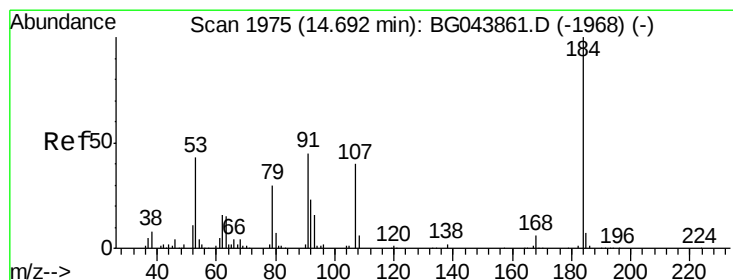
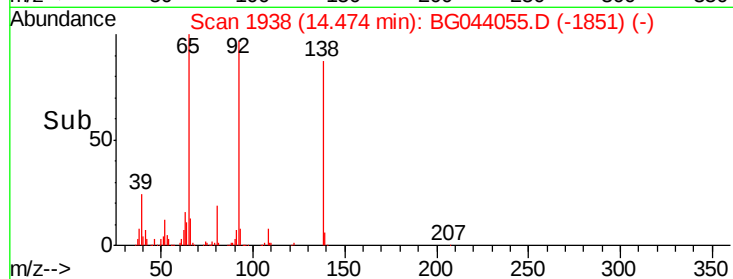
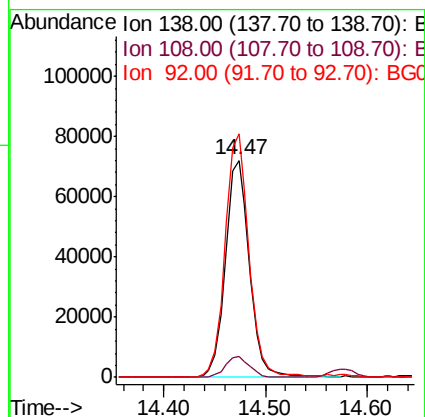
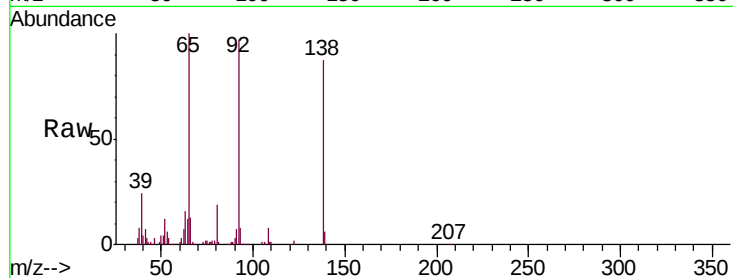




#53
 3-Nitroaniline
 Concen: 26.662 ng
 RT: 14.47 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BG044055.D
 Acq: 15 Jan 2020 18:30

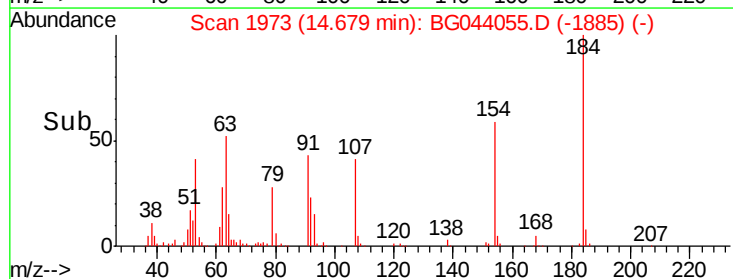
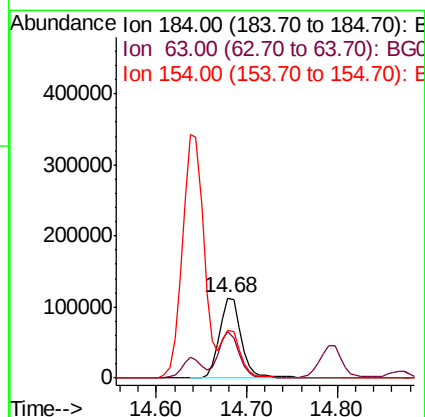
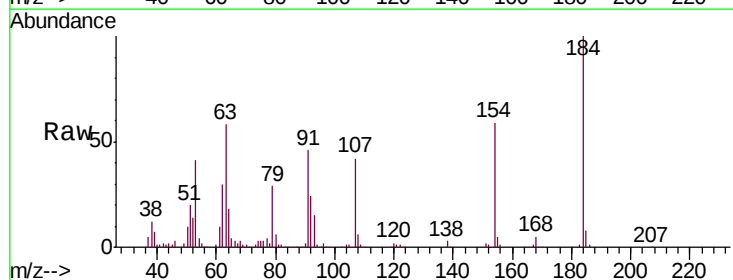
Instrument :
 BNA_G
 ClientSampleId :
 PB126104BSD

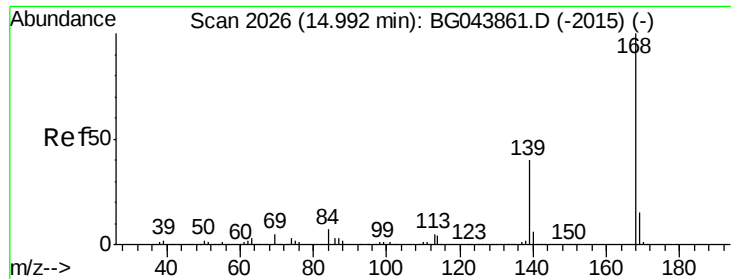
Tgt Ion:138 Resp: 118283
 Ion Ratio Lower Upper
 138 100
 108 9.5 7.4 11.2
 92 112.1 92.1 138.1



#54
 2,4-Dinitrophenol
 Concen: 94.405 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.01 min
 Lab File: BG044055.D
 Acq: 15 Jan 2020 18:30

Tgt Ion:184 Resp: 190003
 Ion Ratio Lower Upper
 184 100
 63 58.4 46.6 70.0
 154 59.1 50.2 75.4

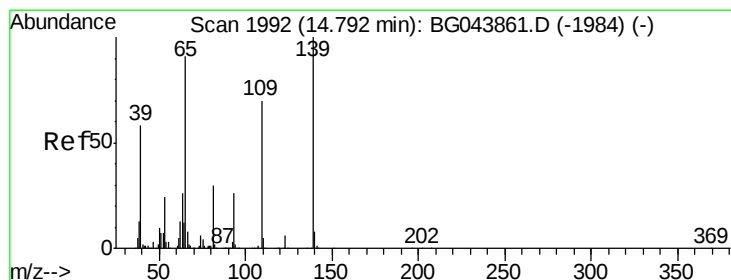
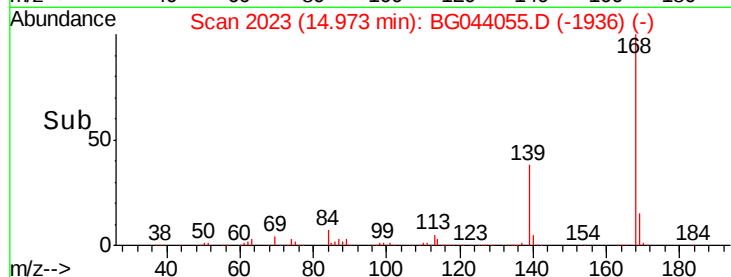
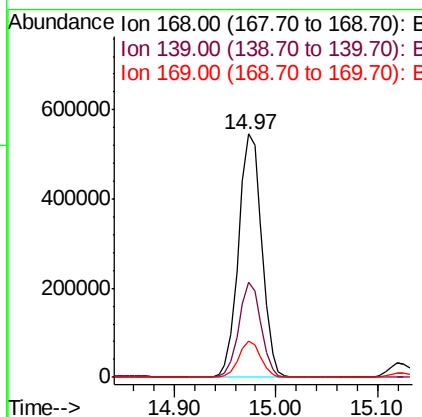
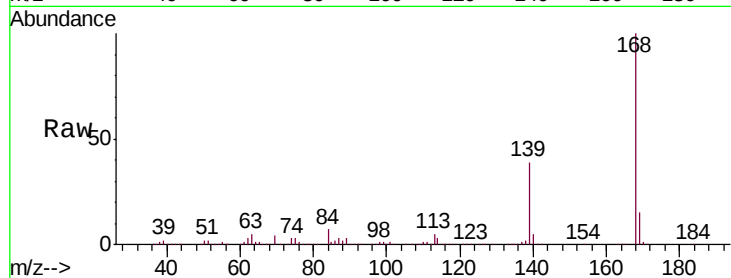




#55
Dibenzofuran
Concen: 44.181 ng
RT: 14.97 min Scan# 2023
Delta R.T. -0.02 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

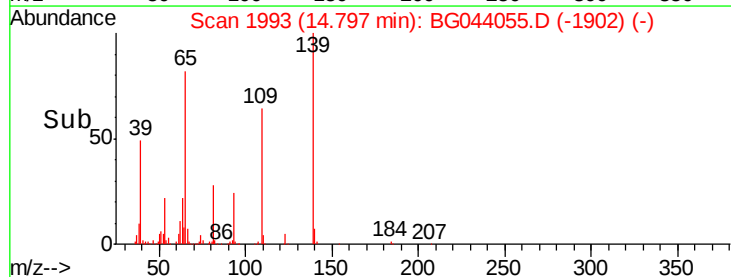
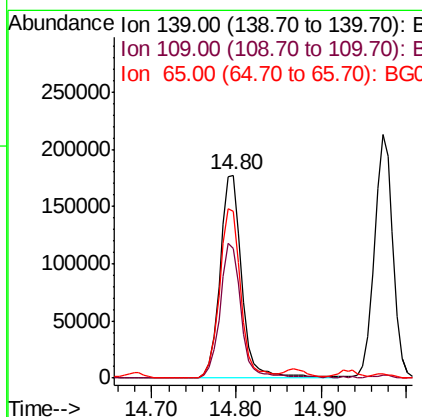
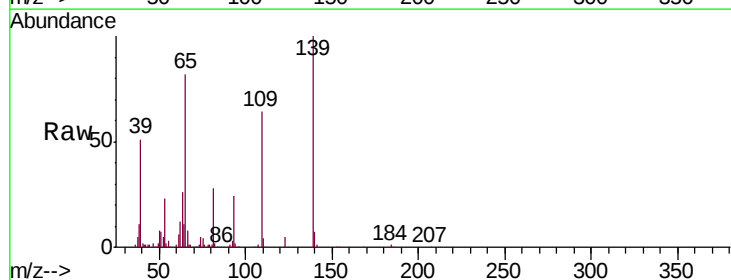
Instrument :
BNA_G
ClientSampleId :
PB126104BSD

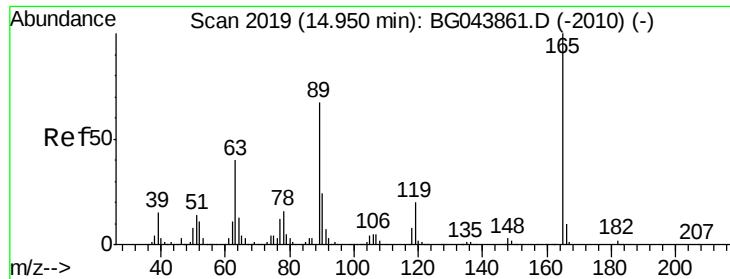
Tgt Ion:168 Resp: 864611
Ion Ratio Lower Upper
168 100
139 39.0 32.2 48.2
169 14.7 12.2 18.2



#56
4-Nitrophenol
Concen: 93.724 ng
RT: 14.80 min Scan# 1993
Delta R.T. 0.00 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Tgt Ion:139 Resp: 318629
Ion Ratio Lower Upper
139 100
109 63.6 50.4 90.4
65 82.0 71.4 111.4

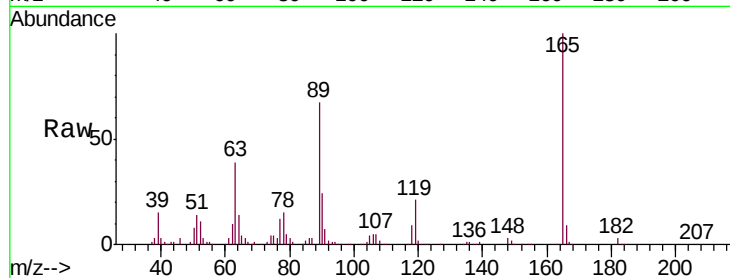




#57
 2,4-Dinitrotoluene
 Concen: 44.022 ng
 RT: 14.93 min Scan# 2016
 Delta R.T. -0.02 min
 Lab File: BG044055.D
 Acq: 15 Jan 2020 18:30

Instrument :
 BNA_G
 ClientSampleId :
 PB126104BSD

Tgt Ion:	165	Resp:	234016
Ion	Ratio	Lower	Upper
165	100		
63	38.8	31.9	47.9
89	66.7	53.8	80.6
182	2.6	2.0	3.0



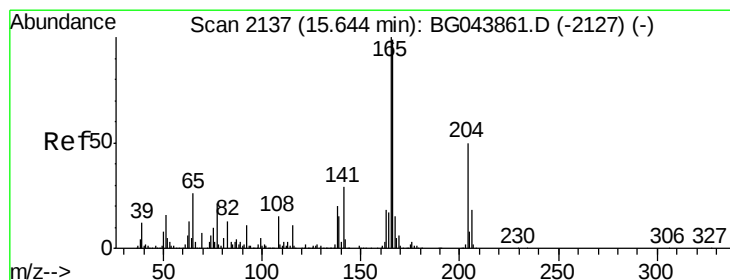
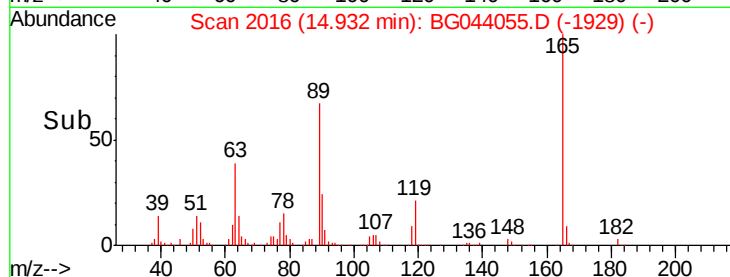
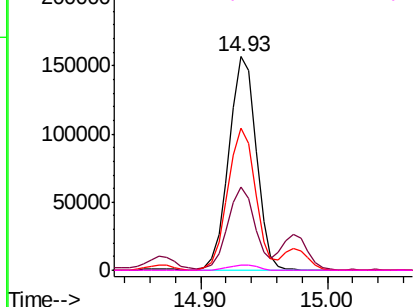
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

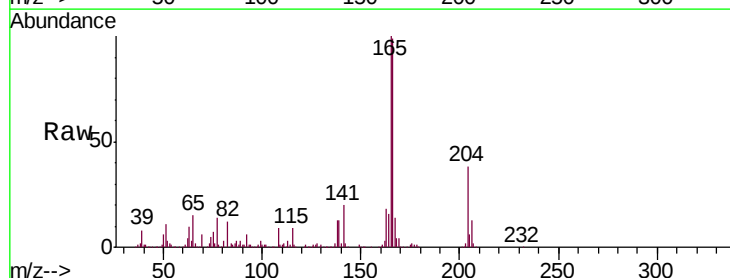
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 44.029 ng
 RT: 15.63 min Scan# 2134
 Delta R.T. -0.02 min
 Lab File: BG044055.D
 Acq: 15 Jan 2020 18:30

Tgt Ion:	166	Resp:	682938
Ion	Ratio	Lower	Upper
166	100		
165	101.3	80.8	121.2
167	14.3	12.1	18.1

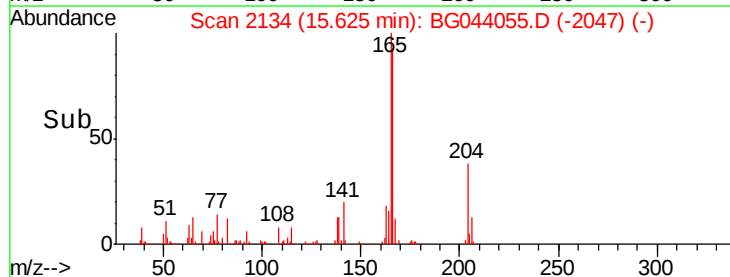
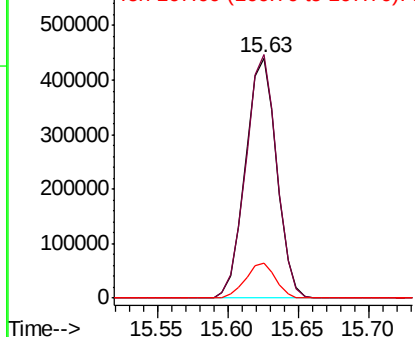


Abundance

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

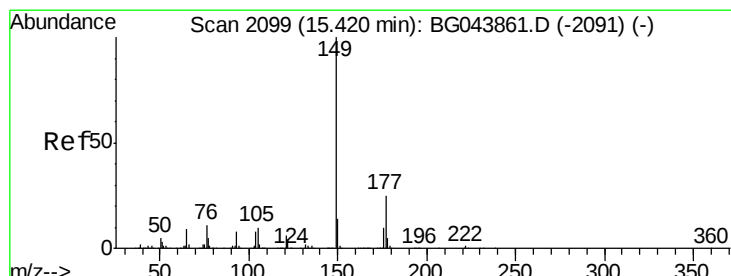
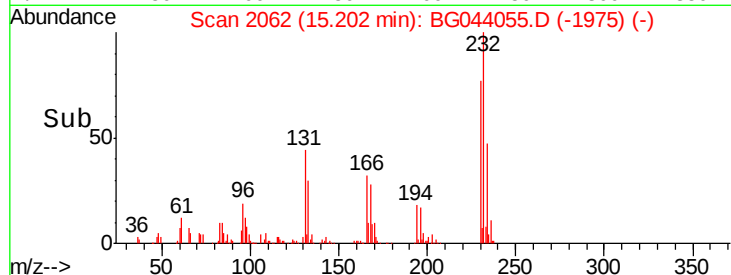
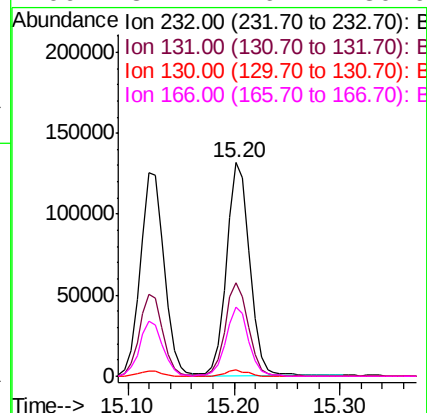
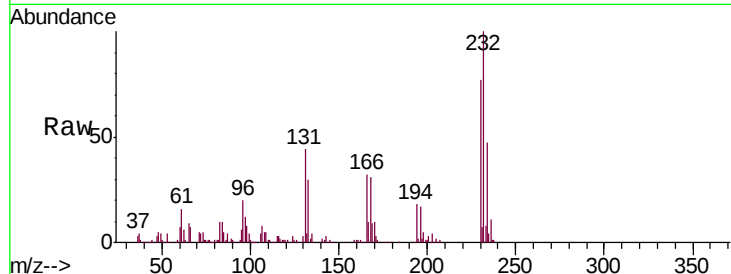




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.959 ng
 RT: 15.20 min Scan# 2062
 Delta R.T. -0.02 min
 Lab File: BG044055.D
 Acq: 15 Jan 2020 18:30

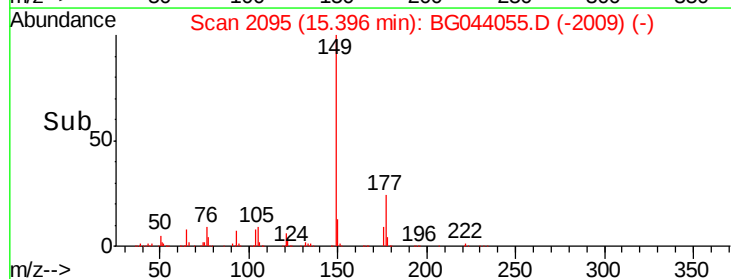
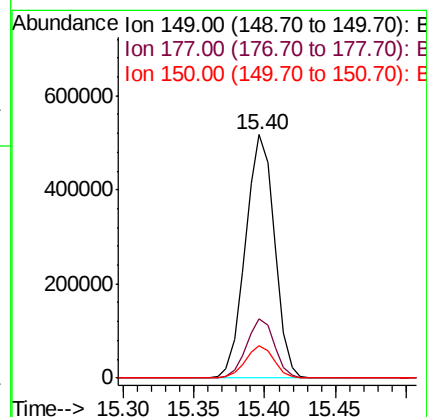
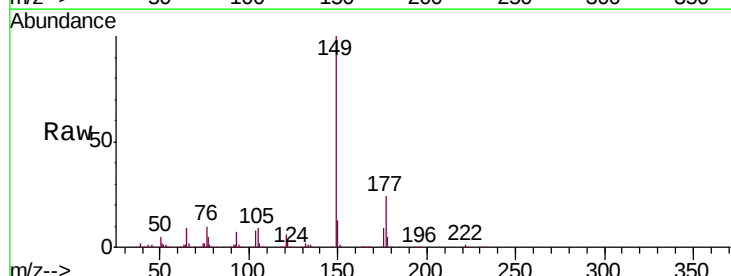
Instrument :
 BNA_G
 ClientSampleId :
 PB126104BSD

Tgt Ion:	232	Resp:	200108
Ion	Ratio	Lower	Upper
232	100		
131	43.3	38.2	57.2
130	2.7	2.2	3.2
166	31.1	26.4	39.6



#60
 Diethylphthalate
 Concen: 43.098 ng
 RT: 15.40 min Scan# 2095
 Delta R.T. -0.02 min
 Lab File: BG044055.D
 Acq: 15 Jan 2020 18:30

Tgt Ion:	149	Resp:	745082
Ion	Ratio	Lower	Upper
149	100		
177	24.2	20.0	30.0
150	13.2	11.1	16.7

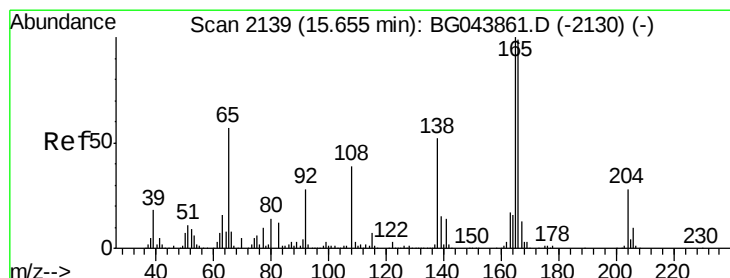
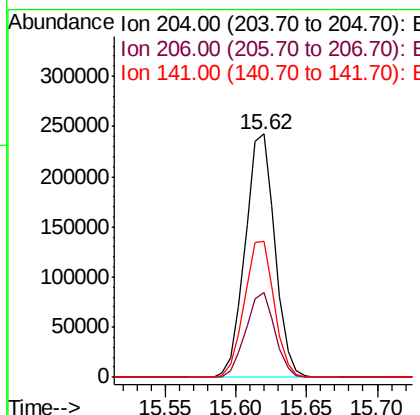
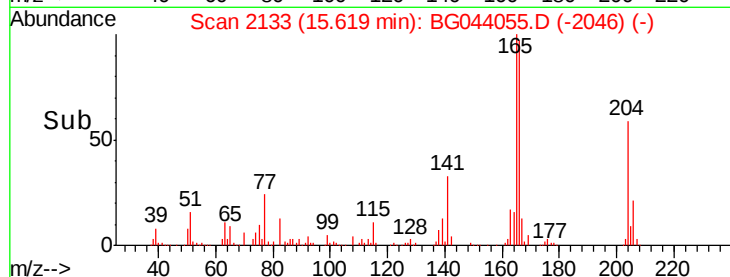
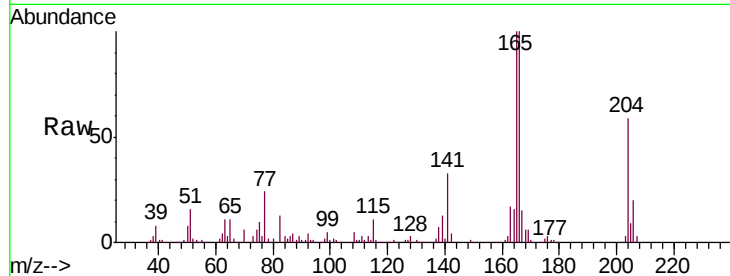




#61
4-Chlorophenyl-phenylether
Concen: 42.243 ng
RT: 15.62 min Scan# 2133
Delta R.T. -0.02 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

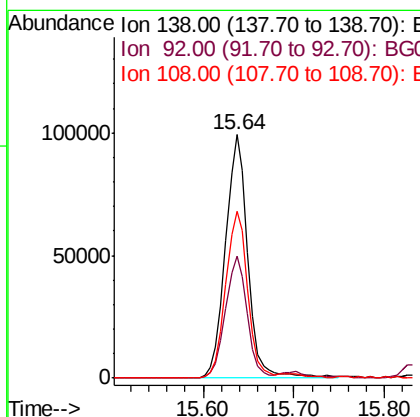
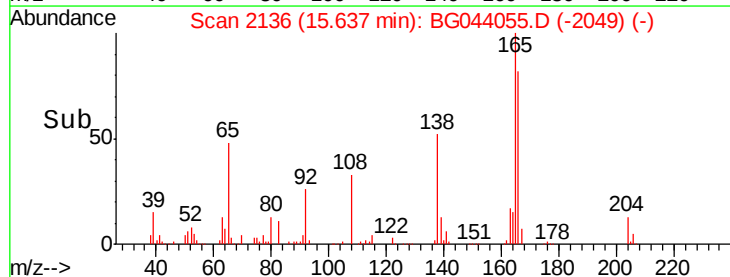
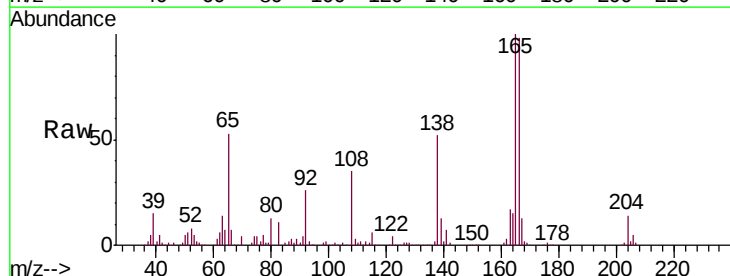
Instrument :
BNA_G
ClientSampleId :
PB126104BSD

Tgt Ion:204 Resp: 355791
Ion Ratio Lower Upper
204 100
206 34.6 28.2 42.2
141 56.2 48.2 72.2



#62
4-Nitroaniline
Concen: 38.761 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.02 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Tgt Ion:138 Resp: 169812
Ion Ratio Lower Upper
138 100
92 50.0 34.3 74.3
108 68.5 55.0 95.0





#63

Azobenzene

Concen: 41.503 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.02 min

Lab File: BG044055.D

Acq: 15 Jan 2020 18:30

Instrument :

BNA_G

ClientSampleId :

PB126104BSD

Tgt Ion: 77 Resp: 665408

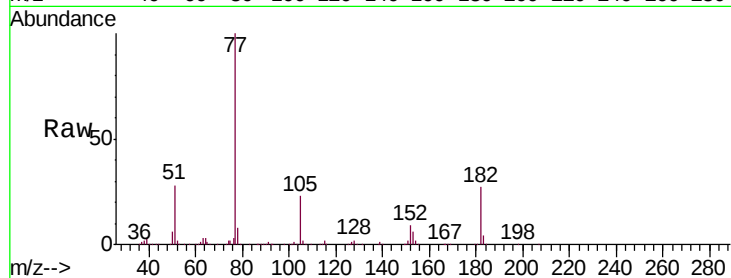
Ion Ratio Lower Upper

77 100

182 26.5 7.3 47.3

105 22.7 3.2 43.2

51 28.4 10.6 50.6

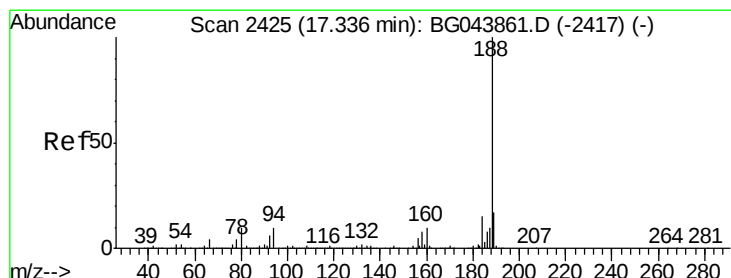
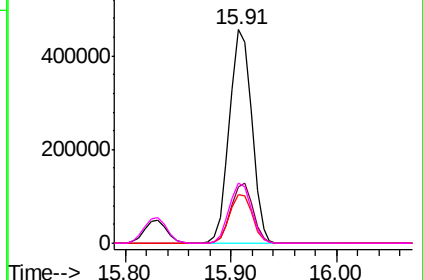
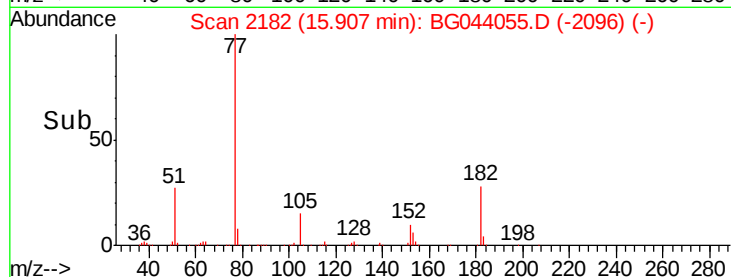


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.32 min Scan# 2422

Delta R.T. -0.02 min

Lab File: BG044055.D

Acq: 15 Jan 2020 18:30

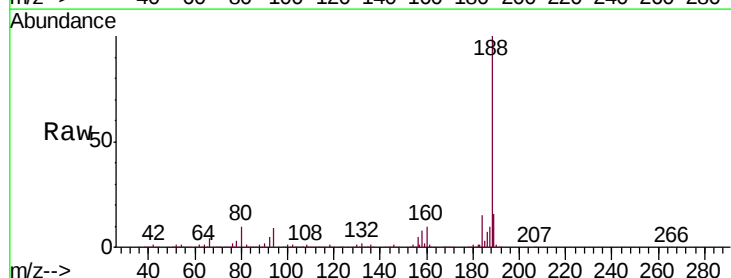
Tgt Ion: 188 Resp: 541950

Ion Ratio Lower Upper

188 100

94 9.0 7.9 11.9

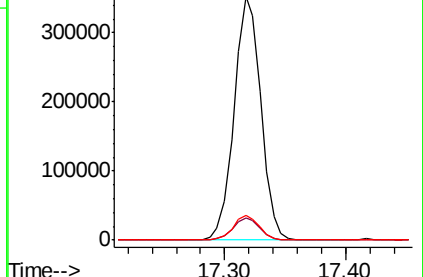
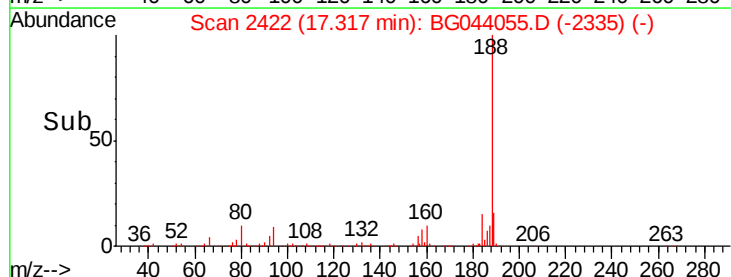
80 10.1 8.2 12.4

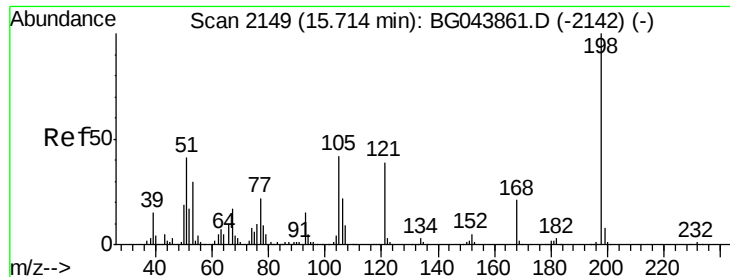


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

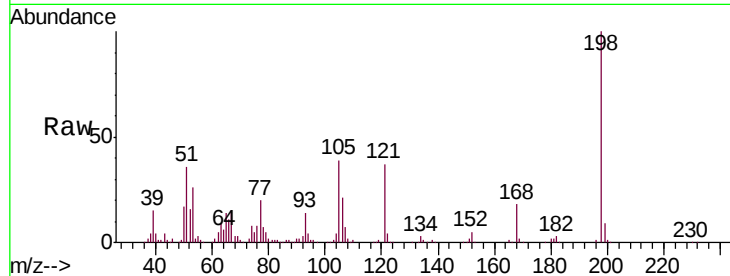




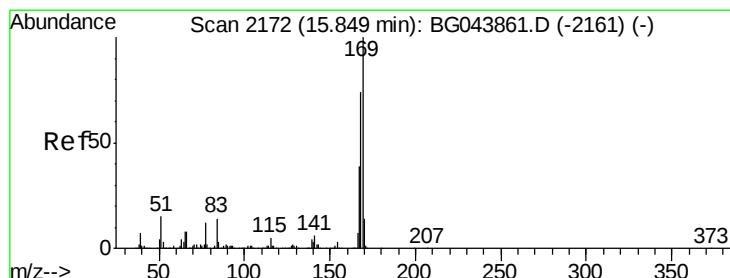
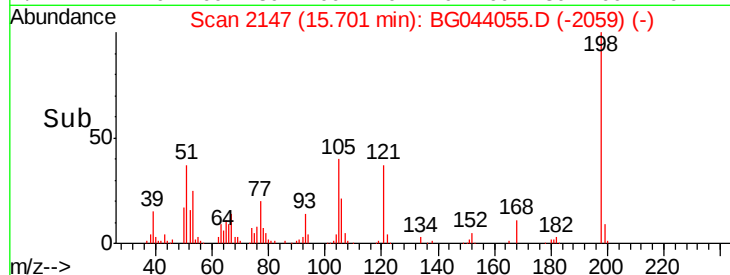
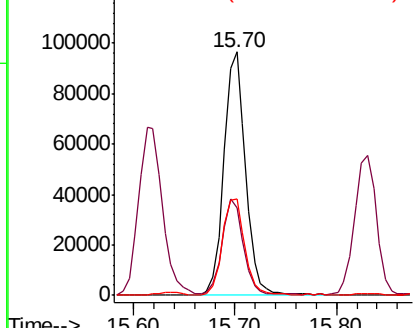
#65
 4,6-Dinitro-2-methylphenol
 Concen: 51.039 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. -0.01 min
 Lab File: BG044055.D
 Acq: 15 Jan 2020 18:30

Instrument :
 BNA_G
 ClientSampleId :
 PB126104BSD

Tgt Ion:198 Resp: 143370
 Ion Ratio Lower Upper
 198 100
 51 36.0 22.5 62.5
 105 39.4 22.3 62.3

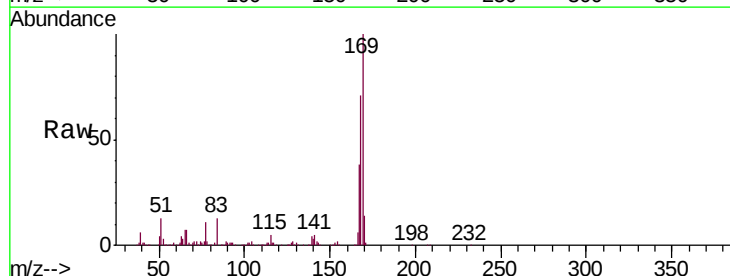


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

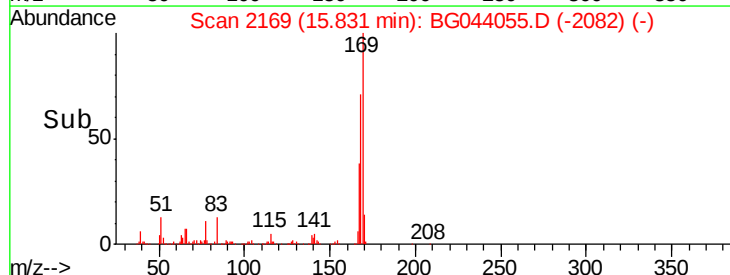
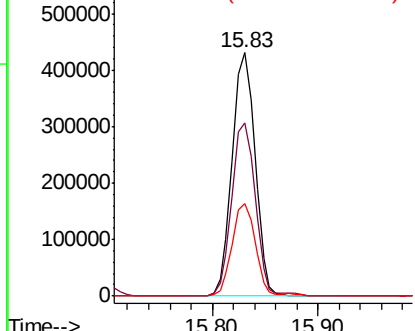


#66
 n-Nitrosodiphenylamine
 Concen: 40.459 ng
 RT: 15.83 min Scan# 2169
 Delta R.T. -0.02 min
 Lab File: BG044055.D
 Acq: 15 Jan 2020 18:30

Tgt Ion:169 Resp: 645719
 Ion Ratio Lower Upper
 169 100
 168 71.0 59.0 88.6
 167 38.1 31.4 47.0



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

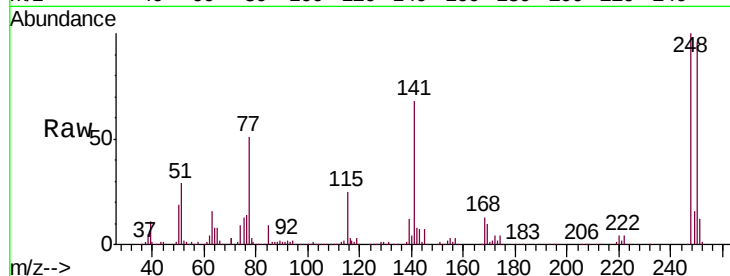




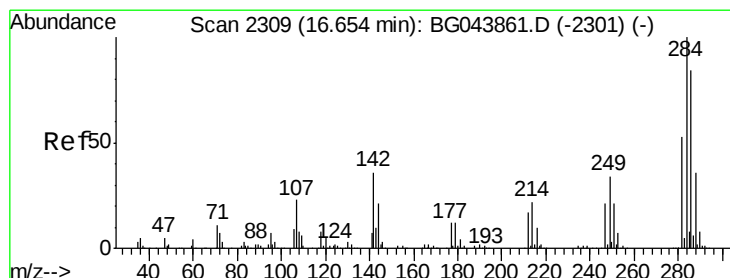
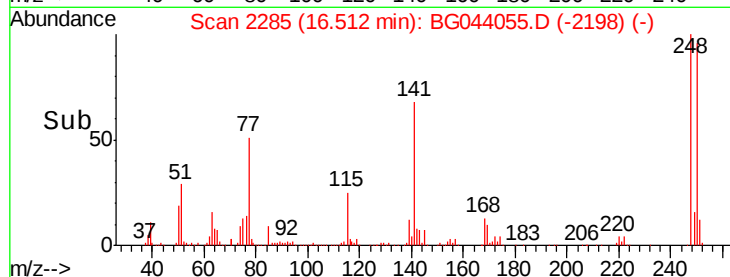
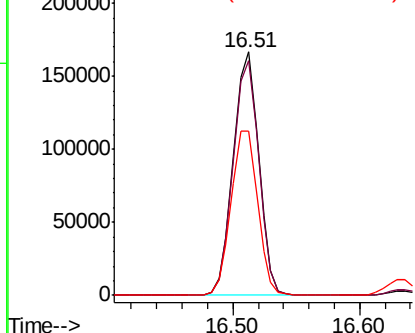
#67
 4-Bromophenyl-phenylether
 Concen: 38.012 ng
 RT: 16.51 min Scan# 2285
 Delta R.T. -0.02 min
 Lab File: BG044055.D
 Acq: 15 Jan 2020 18:30

Instrument :
 BNA_G
 ClientSampleId :
 PB126104BSD

Tgt Ion:248 Resp: 231695
 Ion Ratio Lower Upper
 248 100
 250 96.4 78.2 117.2
 141 67.6 59.3 88.9

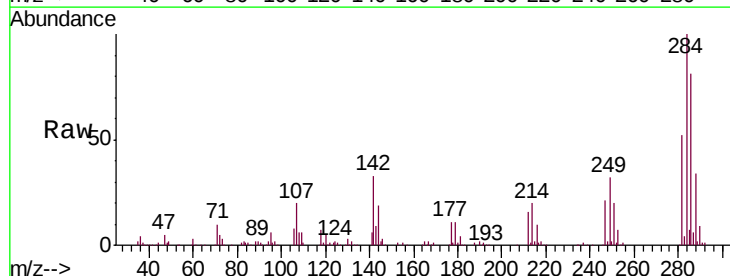


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

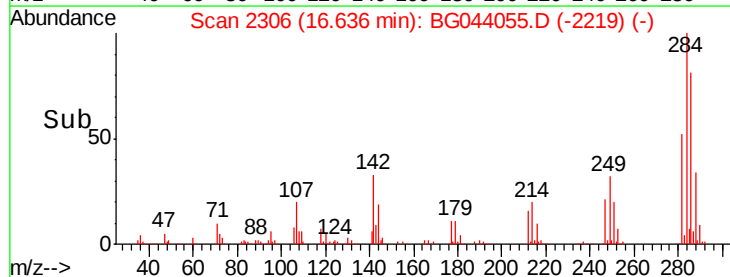
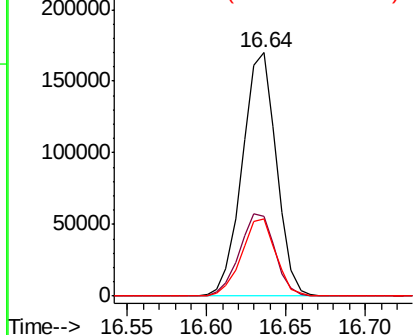


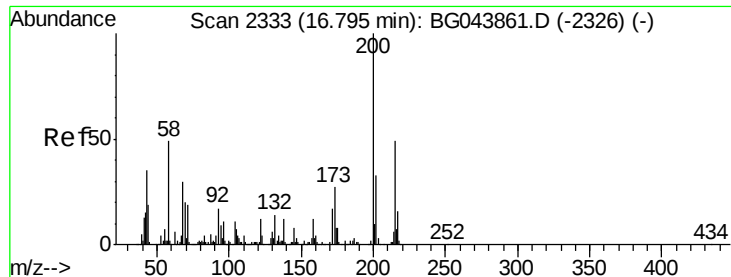
#68
 Hexachlorobenzene
 Concen: 38.661 ng
 RT: 16.64 min Scan# 2306
 Delta R.T. -0.02 min
 Lab File: BG044055.D
 Acq: 15 Jan 2020 18:30

Tgt Ion:284 Resp: 253917
 Ion Ratio Lower Upper
 284 100
 142 32.7 28.6 43.0
 249 31.5 27.0 40.6



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: 47.947 ng

RT: 16.78 min Scan# 2331

Delta R.T. -0.01 min

Lab File: BG044055.D

Acq: 15 Jan 2020 18:30

Instrument :

BNA_G

ClientSampleId :

PB126104BSD

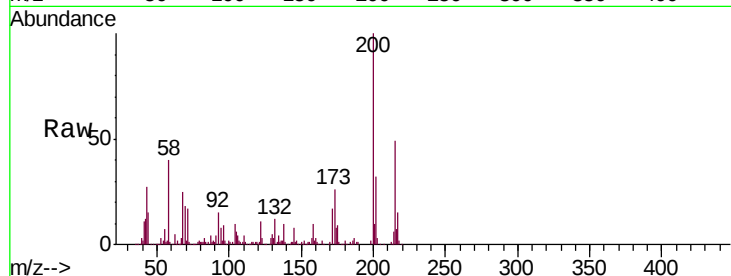
Tgt Ion:200 Resp: 248737

Ion Ratio Lower Upper

200 100

173 25.8 6.6 46.6

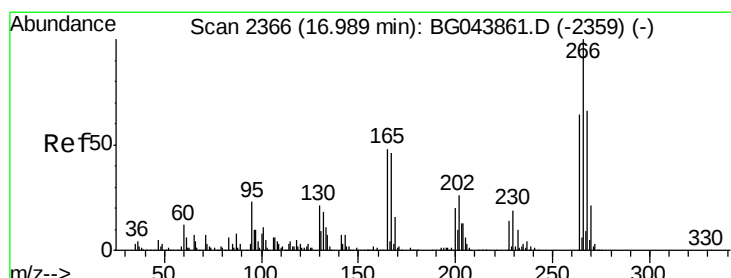
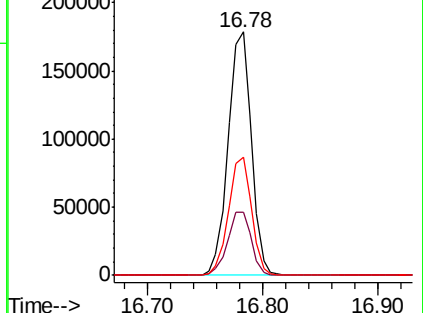
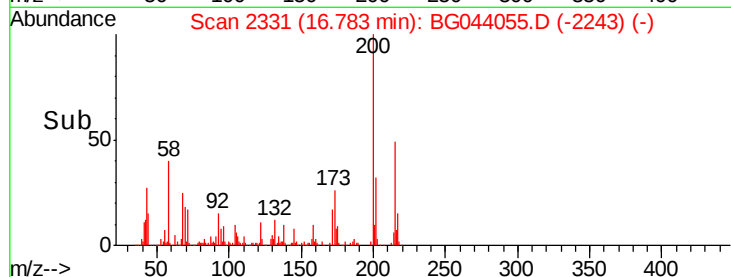
215 48.8 28.6 68.6



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: 80.507 ng

RT: 16.98 min Scan# 2364

Delta R.T. -0.01 min

Lab File: BG044055.D

Acq: 15 Jan 2020 18:30

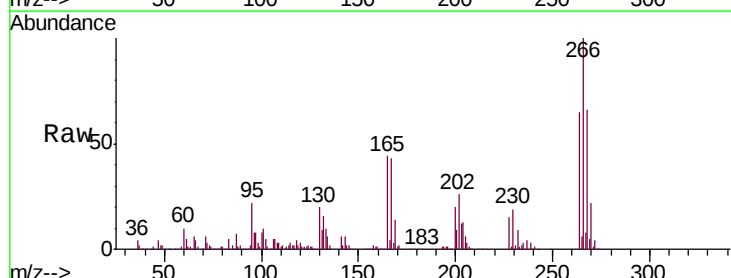
Tgt Ion:266 Resp: 291480

Ion Ratio Lower Upper

266 100

268 66.4 52.6 79.0

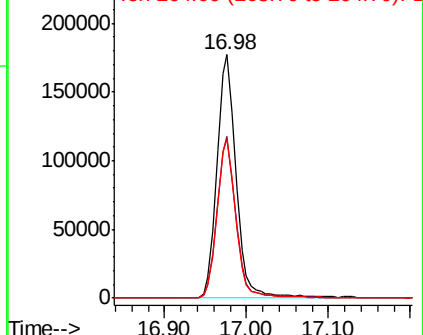
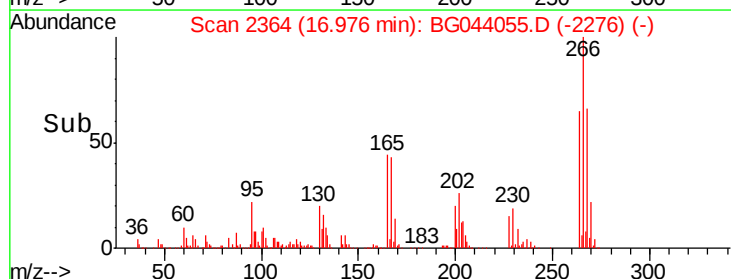
264 65.1 50.8 76.2



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: 42.447 ng

RT: 17.36 min Scan# 2430

Delta R.T. -0.02 min

Lab File: BG044055.D

Acq: 15 Jan 2020 18:30

Instrument :

BNA_G

ClientSampleId :

PB126104BSD

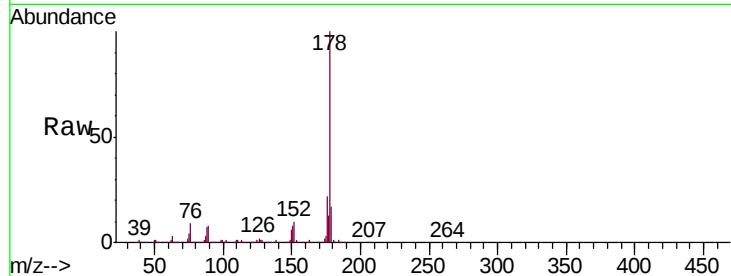
Tgt Ion:178 Resp: 1103386

Ion Ratio Lower Upper

178 100

176 21.7 18.6 28.0

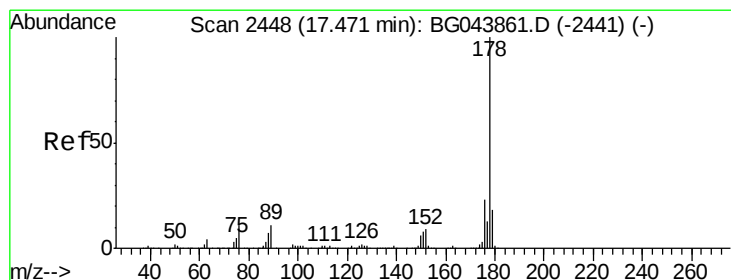
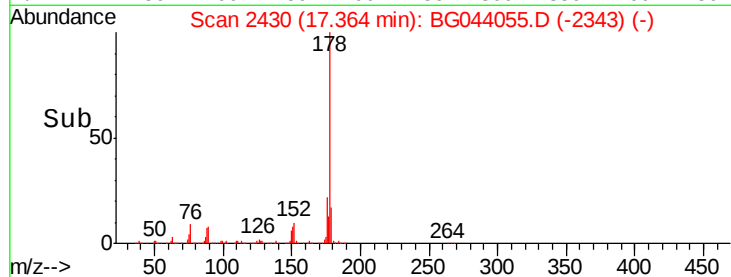
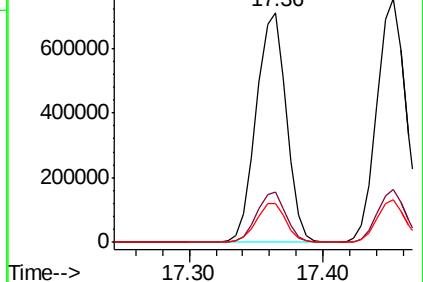
179 16.8 14.4 21.6



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



#72

Anthracene

Concen: 44.097 ng

RT: 17.45 min Scan# 2445

Delta R.T. -0.02 min

Lab File: BG044055.D

Acq: 15 Jan 2020 18:30

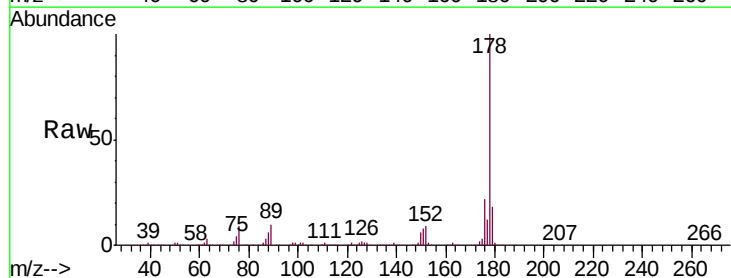
Tgt Ion:178 Resp: 1132870

Ion Ratio Lower Upper

178 100

176 21.8 18.3 27.5

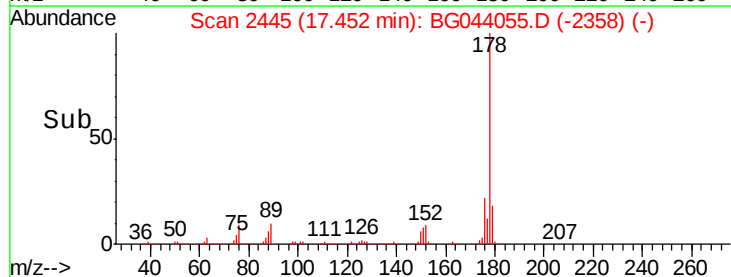
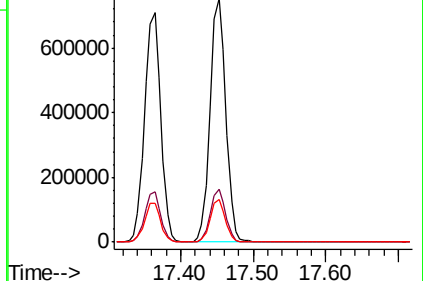
179 17.6 14.6 22.0

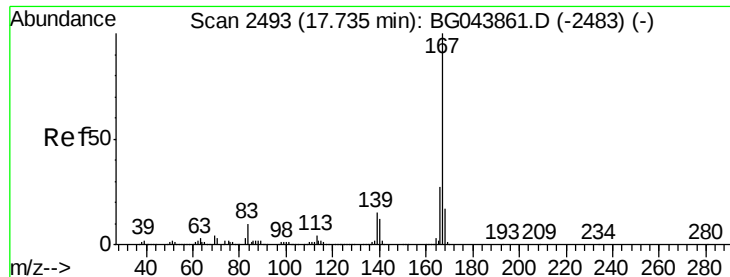


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

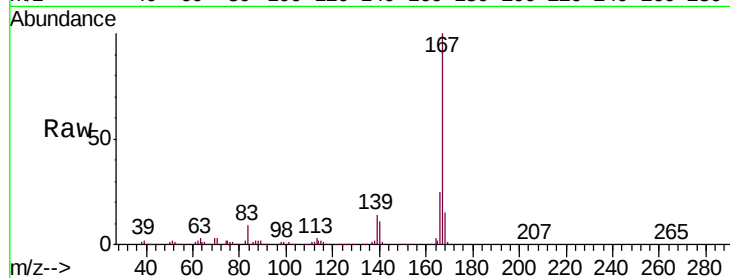




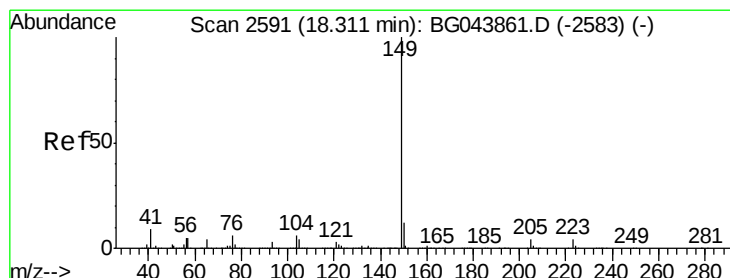
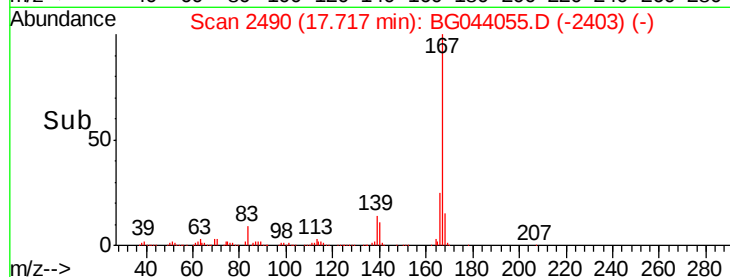
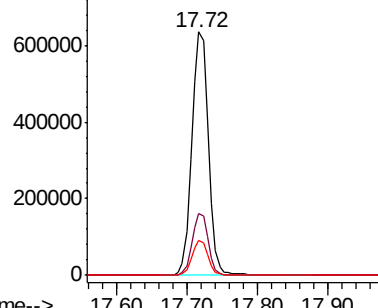
#73
 Carbazole
 Concen: 43.665 ng
 RT: 17.72 min Scan# 2490
 Delta R.T. -0.02 min
 Lab File: BG044055.D
 Acq: 15 Jan 2020 18:30

Instrument :
 BNA_G
 ClientSampleId :
 PB126104BSD

Tgt Ion:167 Resp: 1036193
 Ion Ratio Lower Upper
 167 100
 166 25.3 21.6 32.4
 139 14.2 12.1 18.1

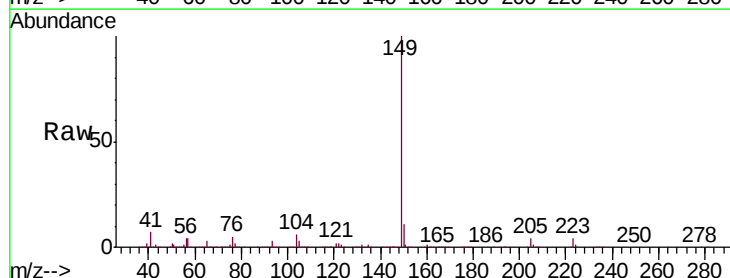


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

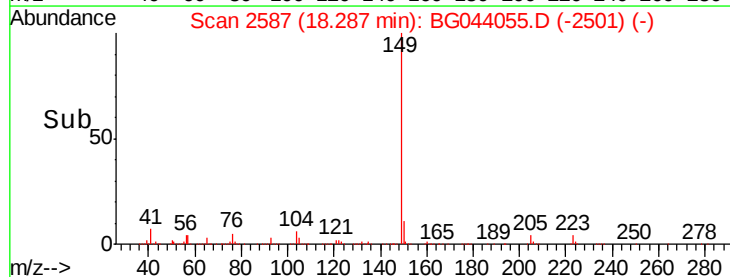
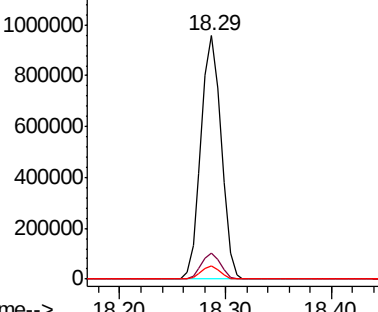


#74
 Di-n-butylphthalate
 Concen: 41.946 ng
 RT: 18.29 min Scan# 2587
 Delta R.T. -0.02 min
 Lab File: BG044055.D
 Acq: 15 Jan 2020 18:30

Tgt Ion:149 Resp: 1270887
 Ion Ratio Lower Upper
 149 100
 150 10.8 9.7 14.5
 104 5.5 5.0 7.4



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





#75

Fluoranthene

Concen: 43.118 ng

RT: 19.37 min Scan# 2771

Delta R.T. -0.02 min

Lab File: BG044055.D

Acq: 15 Jan 2020 18:30

Instrument :

BNA_G

ClientSampleId :

PB126104BSD

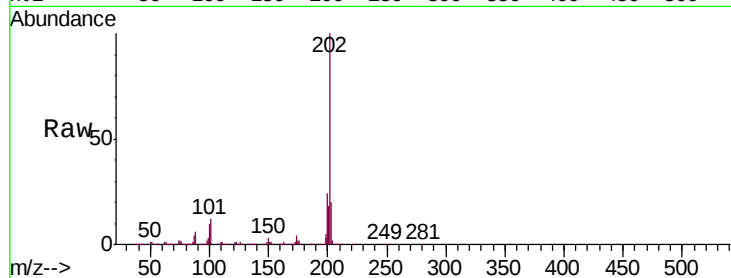
Tgt Ion:202 Resp: 1281850

Ion Ratio Lower Upper

202 100

101 12.5 0.0 33.3

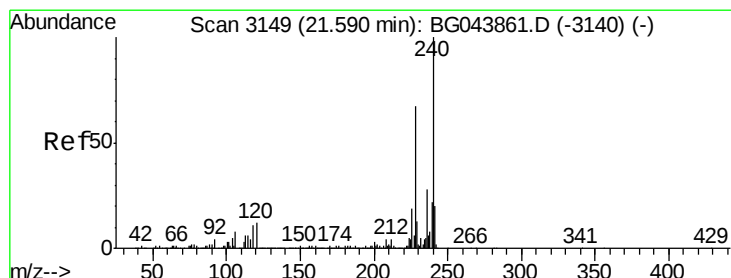
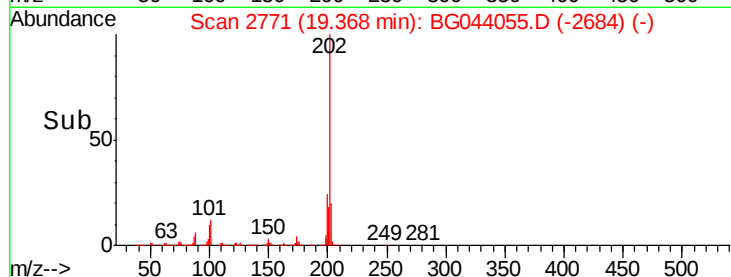
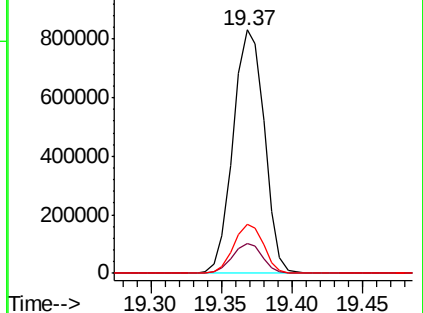
203 20.1 1.6 41.6



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: 21.57 min Scan# 3145

Delta R.T. -0.02 min

Lab File: BG044055.D

Acq: 15 Jan 2020 18:30

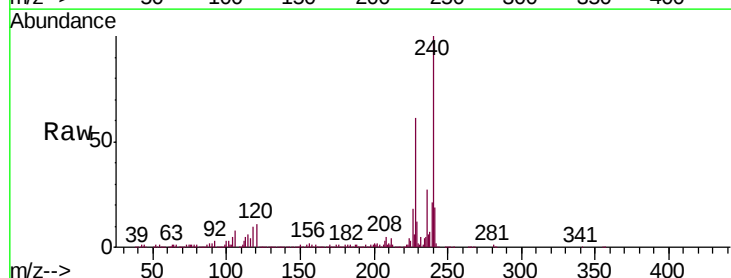
Tgt Ion:240 Resp: 465422

Ion Ratio Lower Upper

240 100

120 10.6 9.6 14.4

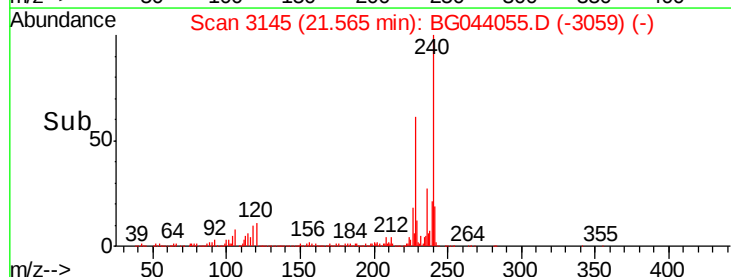
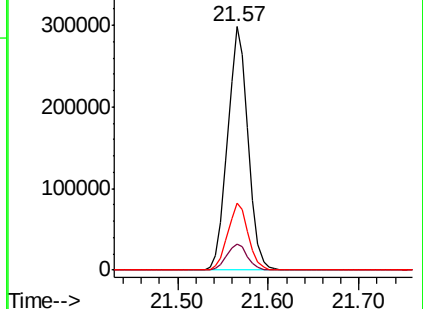
236 27.4 22.2 33.2

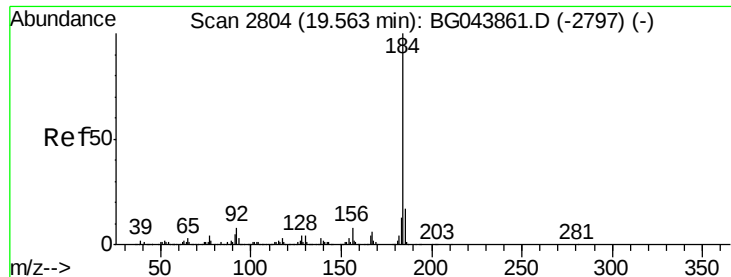


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 49.285 ng

RT: 19.54 min Scan# 2801

Delta R.T. -0.02 min

Lab File: BG044055.D

Acq: 15 Jan 2020 18:30

Instrument :

BNA_G

ClientSampleId :

PB126104BSD

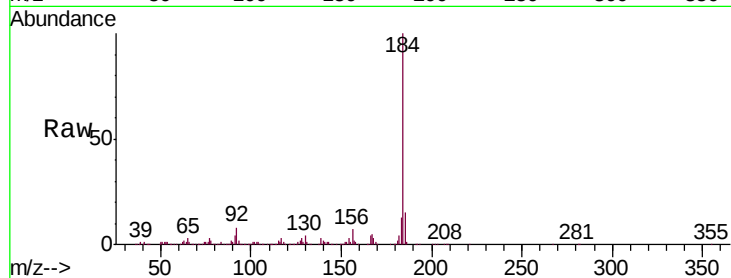
Tgt Ion:184 Resp: 576574

Ion Ratio Lower Upper

184 100

185 15.3 13.4 20.0

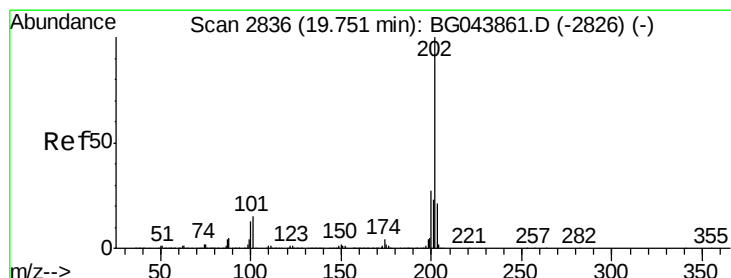
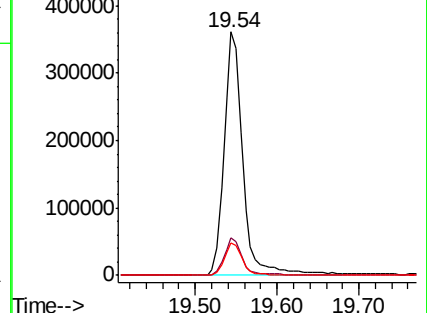
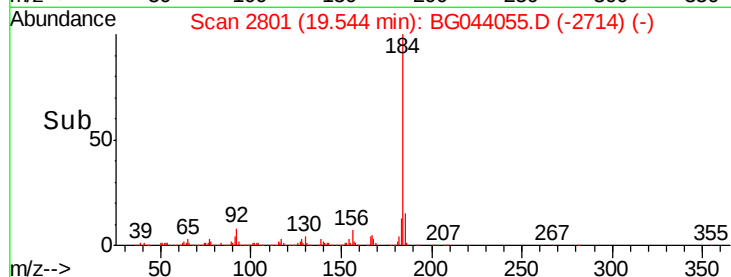
183 13.4 10.6 15.8



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: 42.368 ng

RT: 19.73 min Scan# 2832

Delta R.T. -0.02 min

Lab File: BG044055.D

Acq: 15 Jan 2020 18:30

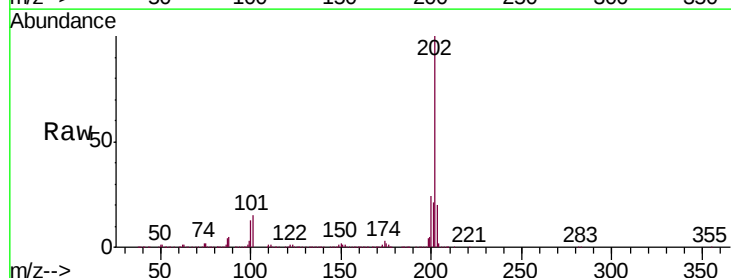
Tgt Ion:202 Resp: 1287142

Ion Ratio Lower Upper

202 100

200 24.5 21.7 32.5

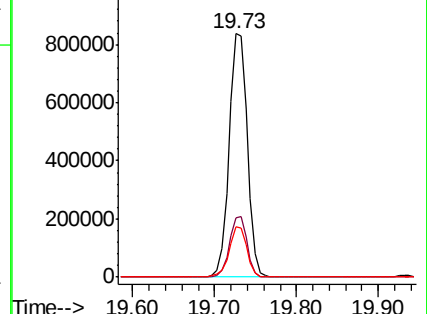
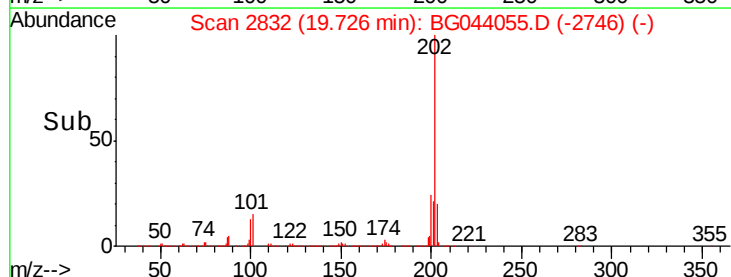
203 20.5 17.0 25.6

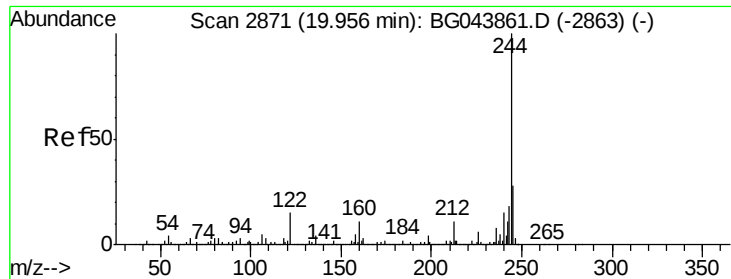


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 96.852 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.02 min

Lab File: BG044055.D

Acq: 15 Jan 2020 18:30

Instrument :

BNA_G

ClientSampleId :

PB126104BSD

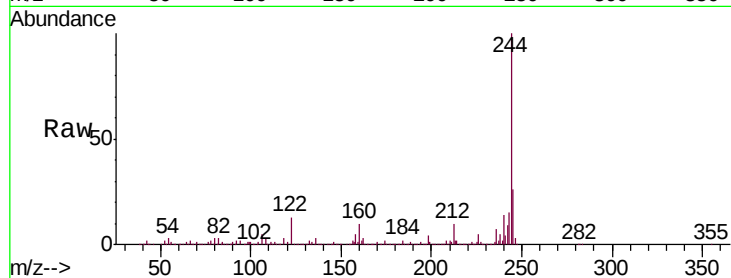
Tgt Ion:244 Resp: 1803798

Ion Ratio Lower Upper

244 100

212 9.7 8.6 13.0

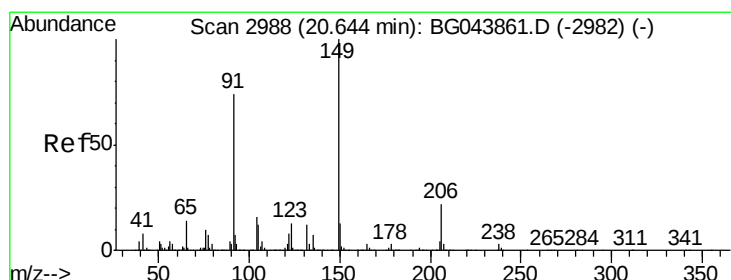
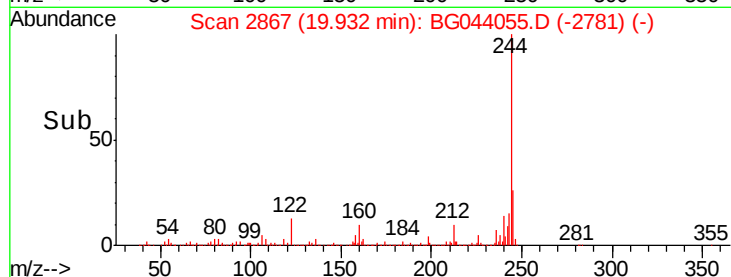
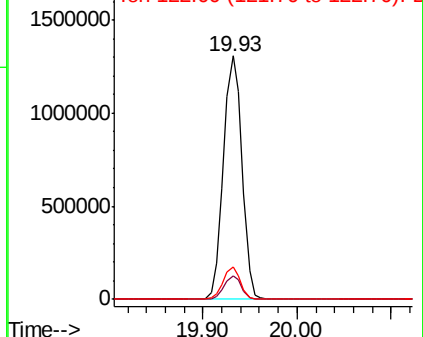
122 13.1 11.9 17.9



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: 40.862 ng

RT: 20.62 min Scan# 2984

Delta R.T. -0.02 min

Lab File: BG044055.D

Acq: 15 Jan 2020 18:30

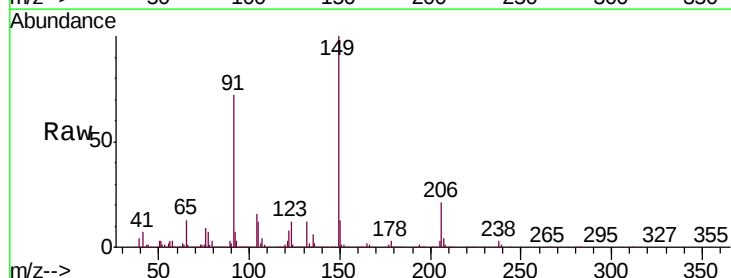
Tgt Ion:149 Resp: 591008

Ion Ratio Lower Upper

149 100

91 71.5 59.5 89.3

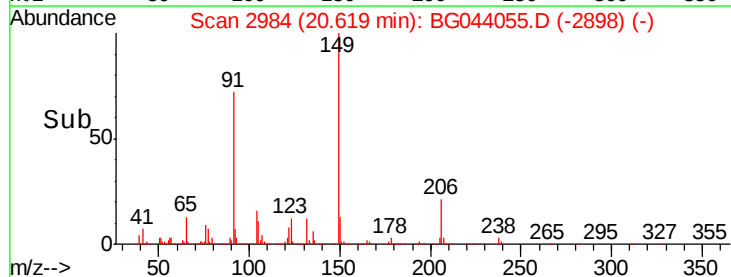
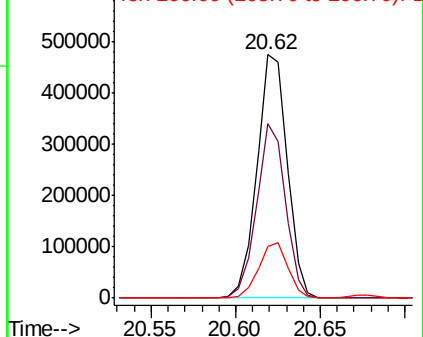
206 21.1 17.8 26.6

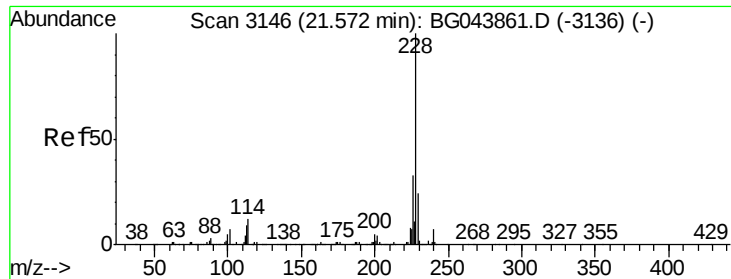


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

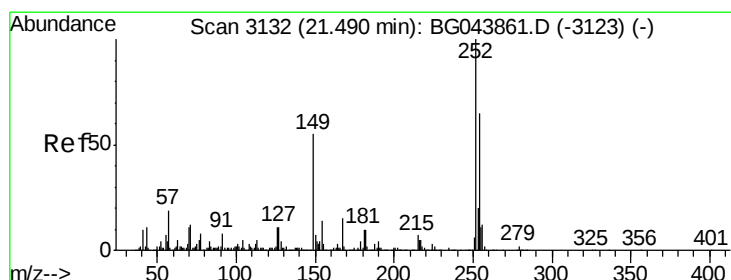
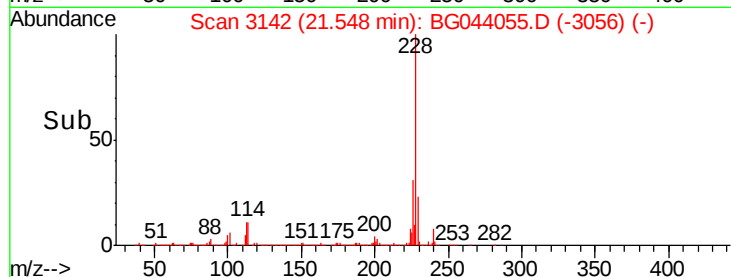
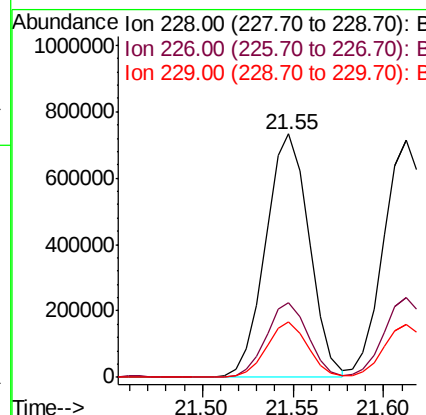
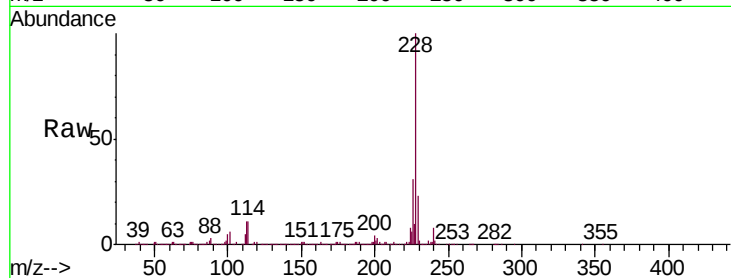




#81
Benzo(a)anthracene
Concen: 42.455 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.02 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

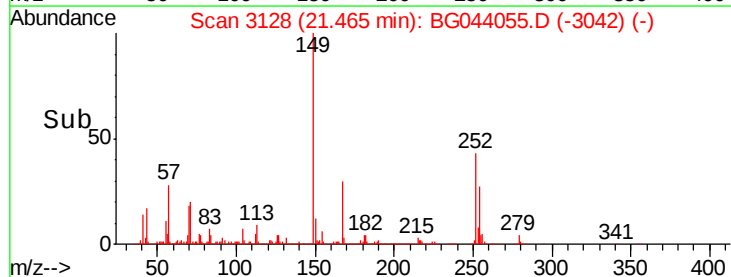
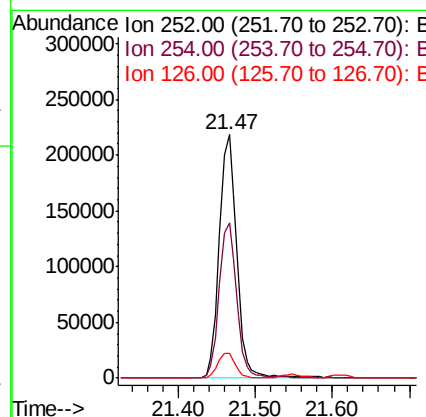
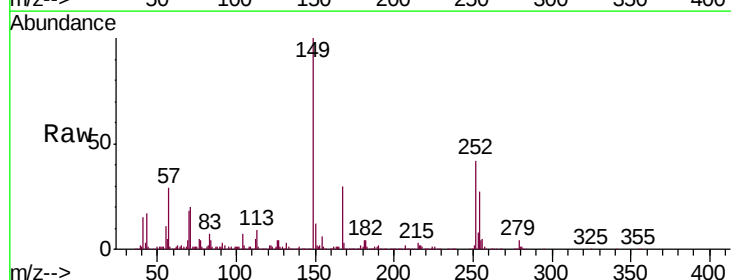
Instrument :
BNA_G
ClientSampleId :
PB126104BSD

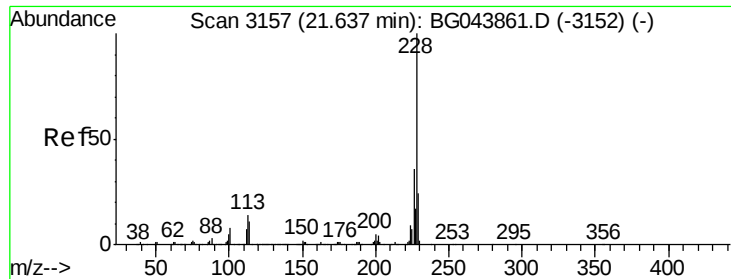
Tgt Ion:228 Resp: 1225234
Ion Ratio Lower Upper
228 100
226 30.7 26.2 39.4
229 22.7 18.9 28.3



#82
3,3'-Dichlorobenzidine
Concen: 30.039 ng
RT: 21.47 min Scan# 3128
Delta R.T. -0.02 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Tgt Ion:252 Resp: 342490
Ion Ratio Lower Upper
252 100
254 63.7 52.1 78.1
126 10.2 9.1 13.7





#83

Chrysene

Concen: 42.784 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.02 min

Lab File: BG044055.D

Acq: 15 Jan 2020 18:30

Instrument :

BNA_G

ClientSampleId :

PB126104BSD

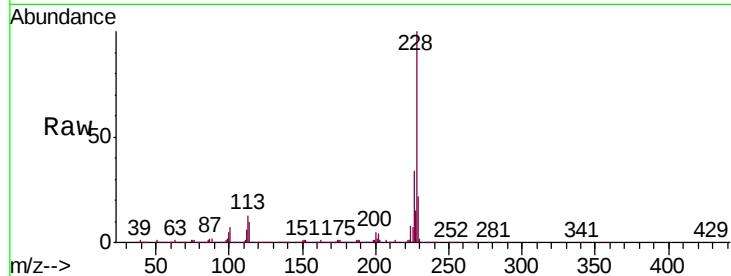
Tgt Ion:228 Resp: 1173226

Ion Ratio Lower Upper

228 100

226 33.7 28.8 43.2

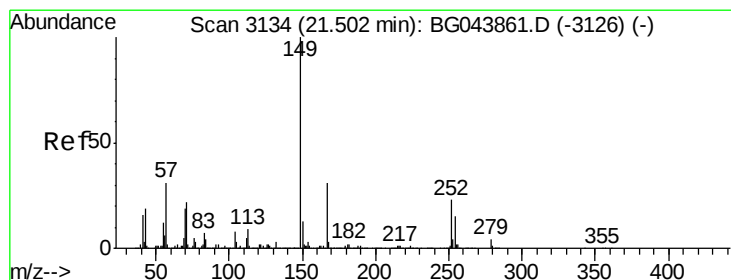
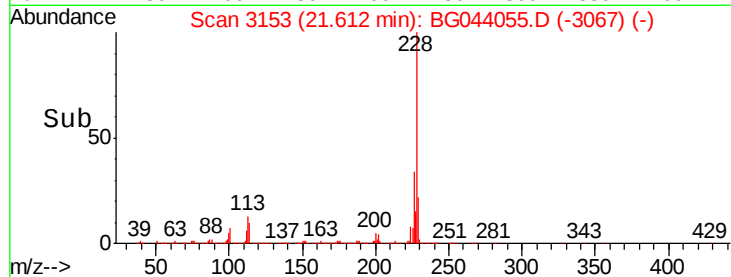
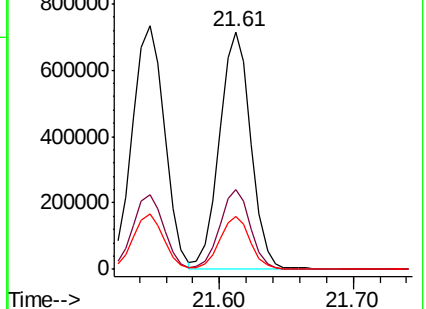
229 22.5 19.0 28.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.367 ng

RT: 21.47 min Scan# 3129

Delta R.T. -0.03 min

Lab File: BG044055.D

Acq: 15 Jan 2020 18:30

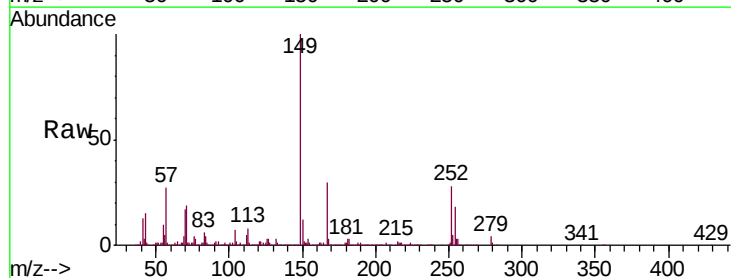
Tgt Ion:149 Resp: 825570

Ion Ratio Lower Upper

149 100

167 29.7 24.7 37.1

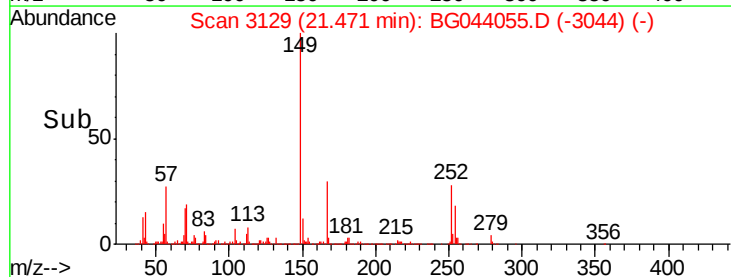
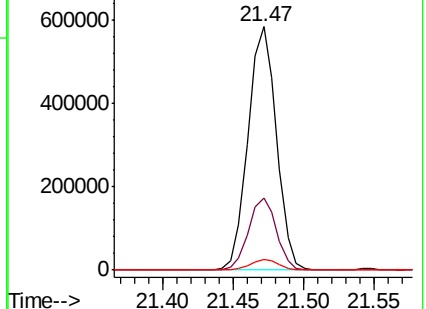
279 4.3 3.3 4.9

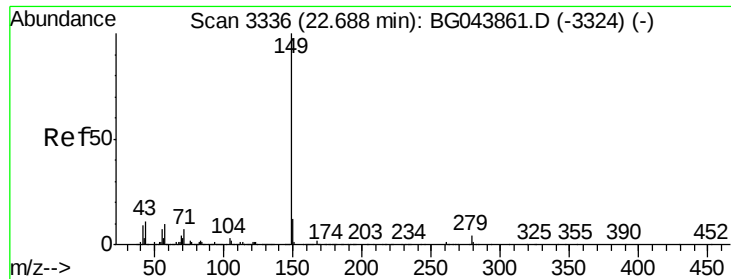


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

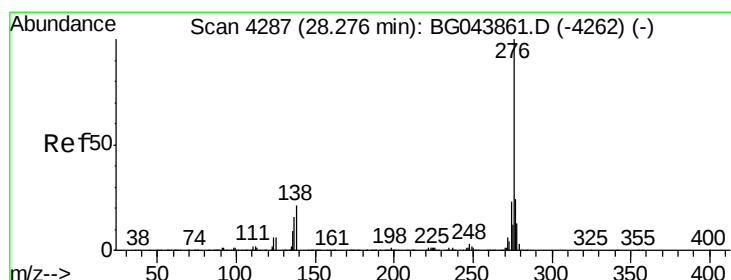
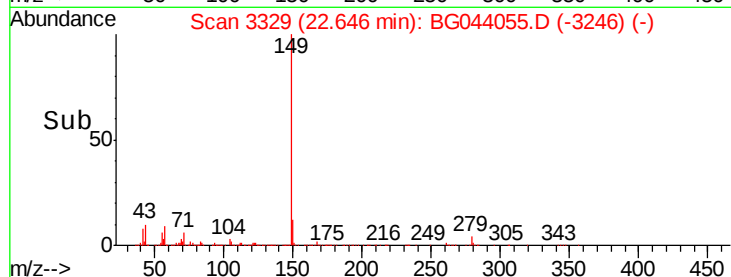
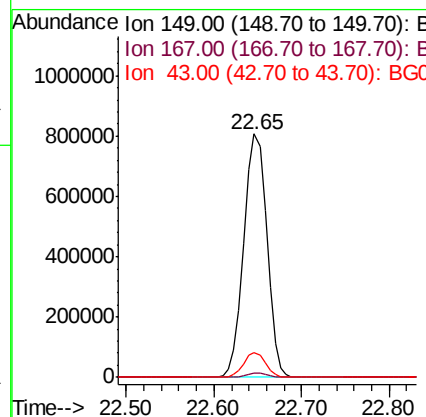
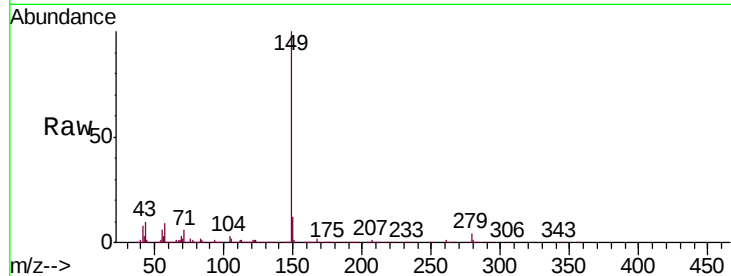




#85
Di-n-octyl phthalate
Concen: 42.601 ng
RT: 22.65 min Scan# 3329
Delta R.T. -0.04 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

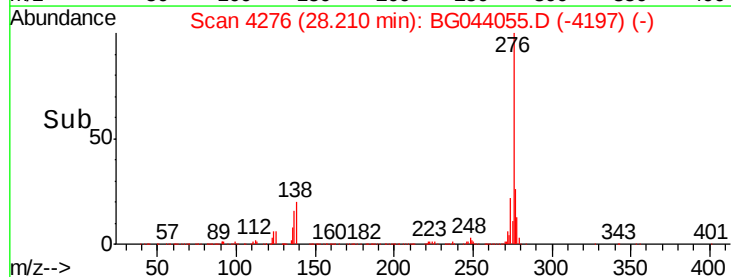
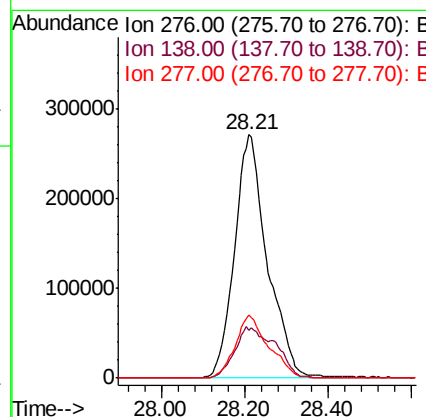
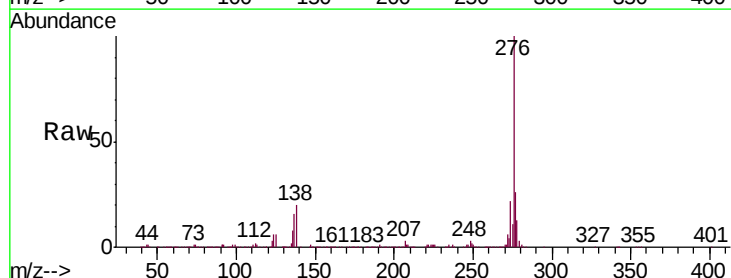
Instrument :
BNA_G
ClientSampleId :
PB126104BSD

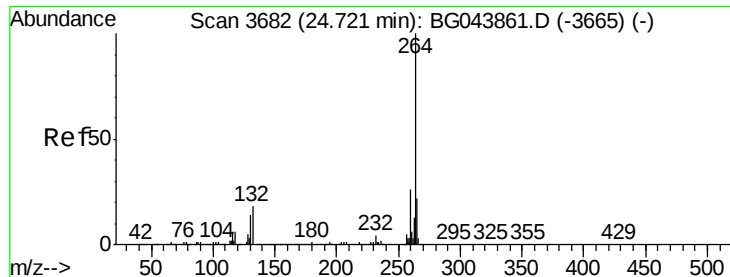
Tgt Ion:149 Resp: 1429295
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 9.5 8.8 13.2



#86
Indeno(1,2,3-cd)pyrene
Concen: 39.774 ng
RT: 28.21 min Scan# 4276
Delta R.T. -0.07 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Tgt Ion:276 Resp: 1482243
Ion Ratio Lower Upper
276 100
138 18.8 21.0 31.4#
277 26.4 21.1 31.7





#87

Perylene-d12

Concen: 20.000 ng

RT: 24.68 min Scan# 3675

Delta R.T. -0.04 min

Lab File: BG044055.D

Acq: 15 Jan 2020 18:30

Instrument :

BNA_G

ClientSampleId :

PB126104BSD

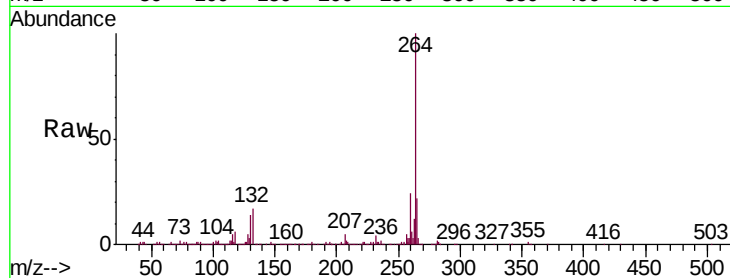
Tgt Ion:264 Resp: 525981

Ion Ratio Lower Upper

264 100

260 23.8 20.4 30.6

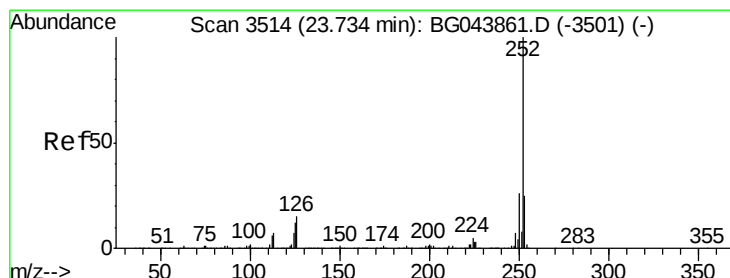
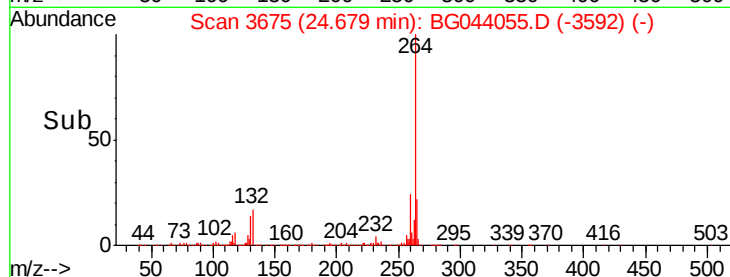
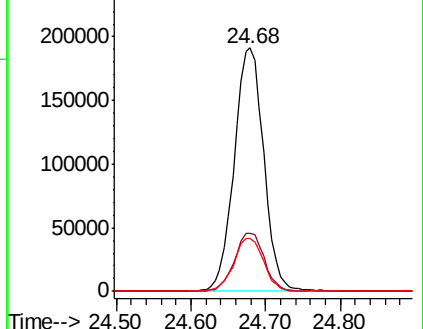
265 21.7 17.4 26.2



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: 40.783 ng

RT: 23.70 min Scan# 3508

Delta R.T. -0.04 min

Lab File: BG044055.D

Acq: 15 Jan 2020 18:30

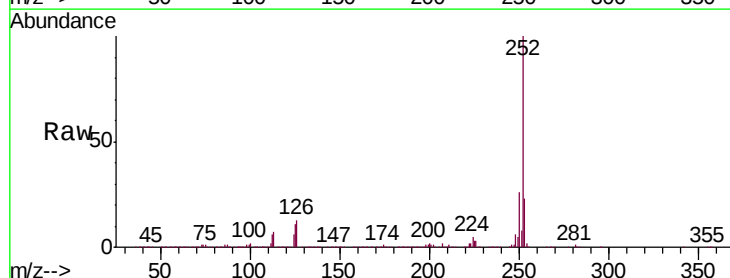
Tgt Ion:252 Resp: 1268122

Ion Ratio Lower Upper

252 100

253 23.5 19.7 29.5

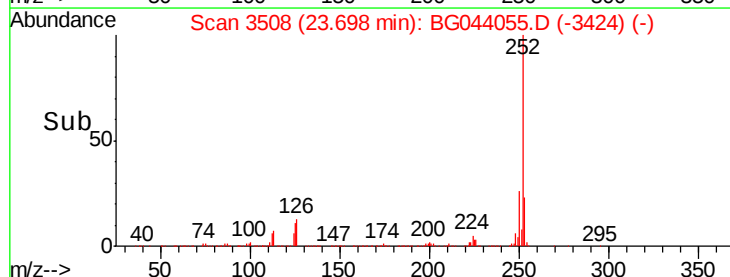
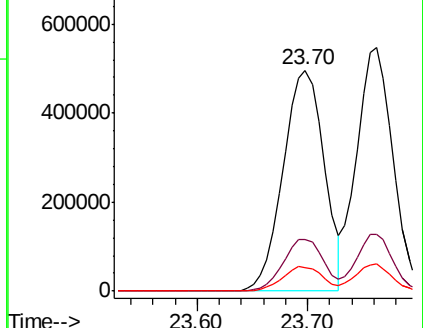
125 10.8 9.4 14.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

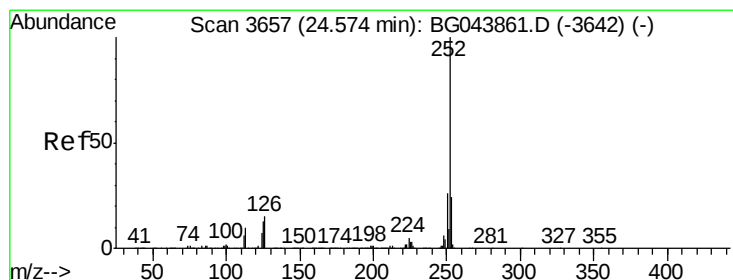
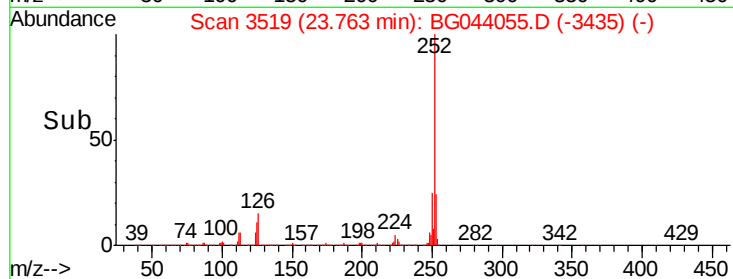
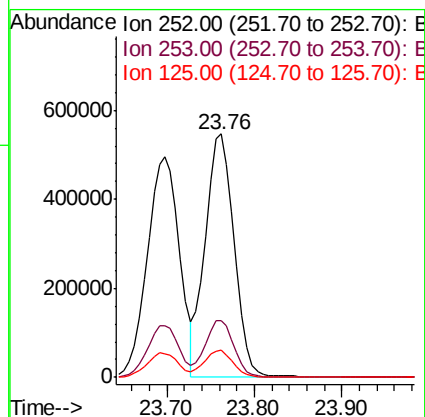
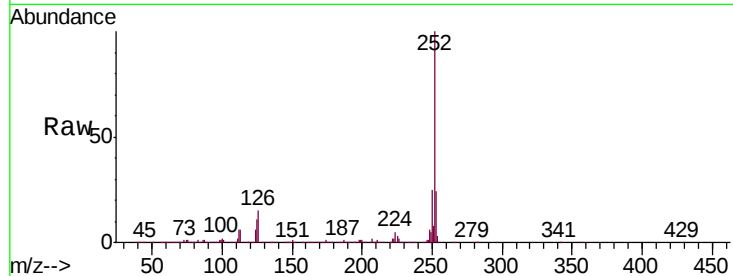




#89
Benzo(k)fluoranthene
Concen: 42.586 ng
RT: 23.76 min Scan# 3519
Delta R.T. -0.04 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

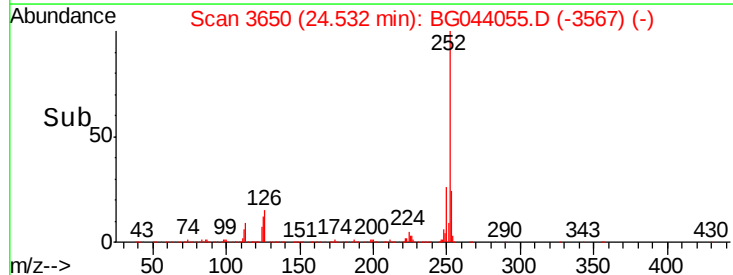
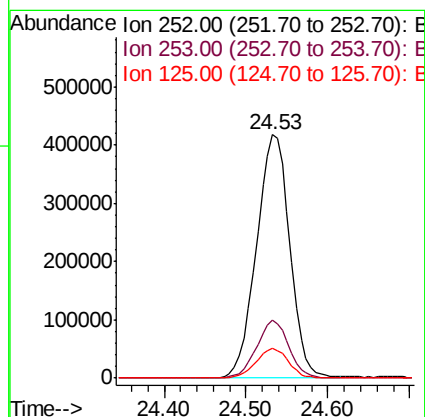
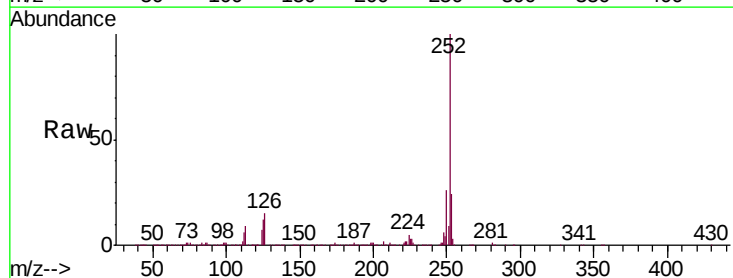
Instrument :
BNA_G
ClientSampleId :
PB126104BSD

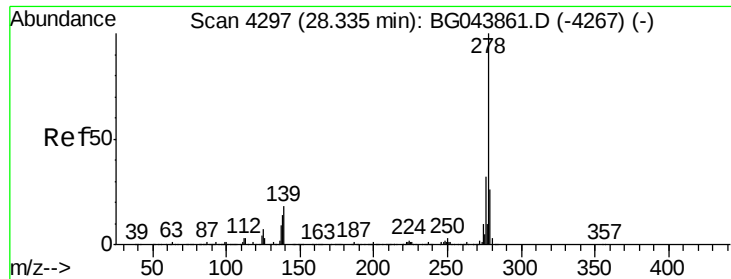
Tgt Ion:252 Resp: 1259236
Ion Ratio Lower Upper
252 100
253 23.5 19.4 29.2
125 11.1 9.9 14.9



#90
Benzo(a)pyrene
Concen: 40.186 ng
RT: 24.53 min Scan# 3650
Delta R.T. -0.04 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Tgt Ion:252 Resp: 1179391
Ion Ratio Lower Upper
252 100
253 24.0 19.3 28.9
125 12.3 10.4 15.6





#91

Dibenzo(a,h)anthracene

Concen: 41.624 ng

RT: 28.27 min Scan# 4286

Delta R.T. -0.07 min

Lab File: BG044055.D

Acq: 15 Jan 2020 18:30

Instrument :

BNA_G

ClientSampleId :

PB126104BSD

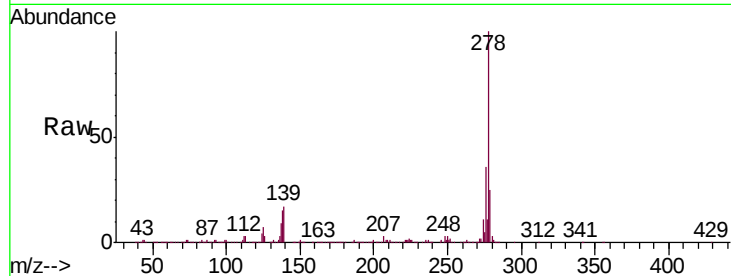
Tgt Ion:278 Resp: 1226838

Ion Ratio Lower Upper

278 100

139 16.9 14.2 21.4

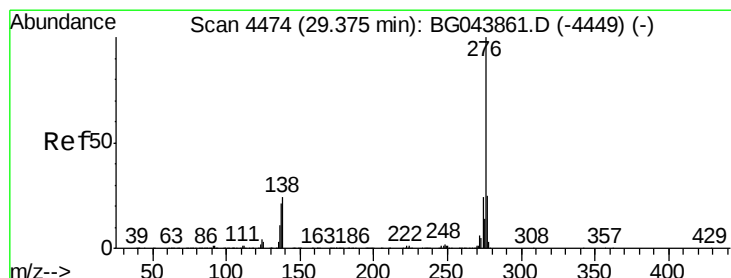
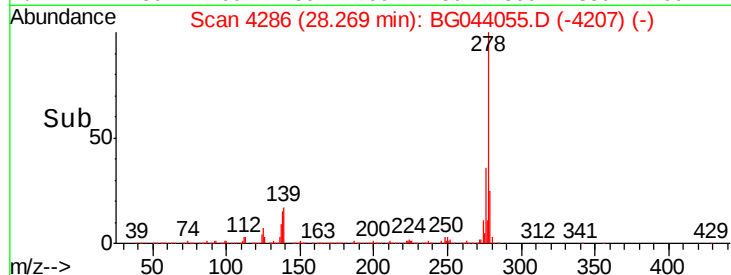
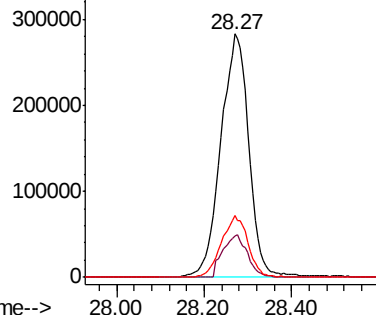
279 25.2 20.6 30.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 42.688 ng

RT: 29.31 min Scan# 4464

Delta R.T. -0.06 min

Lab File: BG044055.D

Acq: 15 Jan 2020 18:30

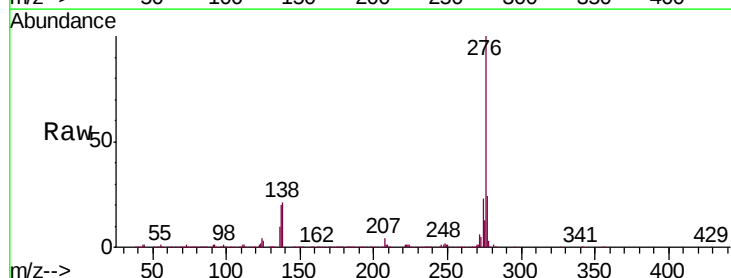
Tgt Ion:276 Resp: 1249788

Ion Ratio Lower Upper

276 100

277 24.4 20.2 30.4

138 21.2 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

