

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG021020\
 Data File : BG044358.D
 Acq On : 10 Feb 2020 16:03
 Operator : CG/JU
 Sample : PB126601BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BSD

Quant Time: Feb 10 17:10:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	64425	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	284227	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	195303	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	478365	20.00	ng	0.00
76) Chrysene-d12	21.53	240	463063	20.00	ng	0.00
87) Perylene-d12	24.62	264	518046	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	458485	125.60	ng	0.00
7) Phenol-d6	7.08	99	616603	125.79	ng	0.00
23) Nitrobenzene-d5	9.06	82	325249	64.60	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	280870	122.50	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	783136	67.15	ng	0.00
79) Terphenyl-d14	19.90	244	1448896	64.36	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.36	88	55050	33.564	ng	98
3) Pyridine	3.75	79	134771	30.842	ng	99
4) n-Nitrosodimethylamine	3.67	42	68243	37.374	ng	98
6) Aniline	7.22	93	217917	35.814	ng	98
8) 2-Chlorophenol	7.47	128	186353	46.449	ng	97
9) Benzaldehyde	7.04	77	81977	29.363	ng	98
10) Phenol	7.10	94	227276	46.848	ng	98
11) bis(2-Chloroethyl)ether	7.32	93	168080	40.525	ng	98
12) 1,3-Dichlorobenzene	7.79	146	185722	38.772	ng	97
13) 1,4-Dichlorobenzene	7.94	146	186623	39.336	ng	99
14) 1,2-Dichlorobenzene	8.26	146	179210	39.964	ng	98
15) Benzyl Alcohol	8.14	79	149418	43.054	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.44	45	214568	38.222	ng	99
17) 2-Methylphenol	8.35	107	159368	46.042	ng	97
18) Hexachloroethane	8.99	117	68462	38.455	ng	97
19) n-Nitroso-di-n-propylamine	8.71	70	132242	40.478	ng	97
20) 3+4-Methylphenols	8.68	107	219373	45.987	ng	98
22) Acetophenone	8.72	105	252373	36.500	ng	99
24) Nitrobenzene	9.10	77	189847	38.627	ng	98
25) Isophorone	9.63	82	371471	39.587	ng	99
26) 2-Nitrophenol	9.82	139	104471	40.965	ng	99
27) 2,4-Dimethylphenol	9.88	122	178821	49.673	ng	98
28) bis(2-Chloroethoxy)methane	10.11	93	234120	37.401	ng	100
29) 2,4-Dichlorophenol	10.36	162	188261	43.249	ng	99
30) 1,2,4-Trichlorobenzene	10.57	180	185771	37.219	ng	99
31) Naphthalene	10.75	128	550553	39.925	ng	99
32) Benzoic acid	10.03	122	56886	31.078	ng	99
33) 4-Chloroaniline	10.86	127	137898	21.987	ng	98
34) Hexachlorobutadiene	11.05	225	107582	35.028	ng	97
35) Caprolactam	11.63	113	26861	16.845	ng	99
36) 4-Chloro-3-methylphenol	12.00	107	200473	43.926	ng	97
37) 2-Methylnaphthalene	12.37	142	416814	40.710	ng	99
38) 1-Methylnaphthalene	12.58	142	398194	41.251	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.74	216	208129	35.625	ng	99

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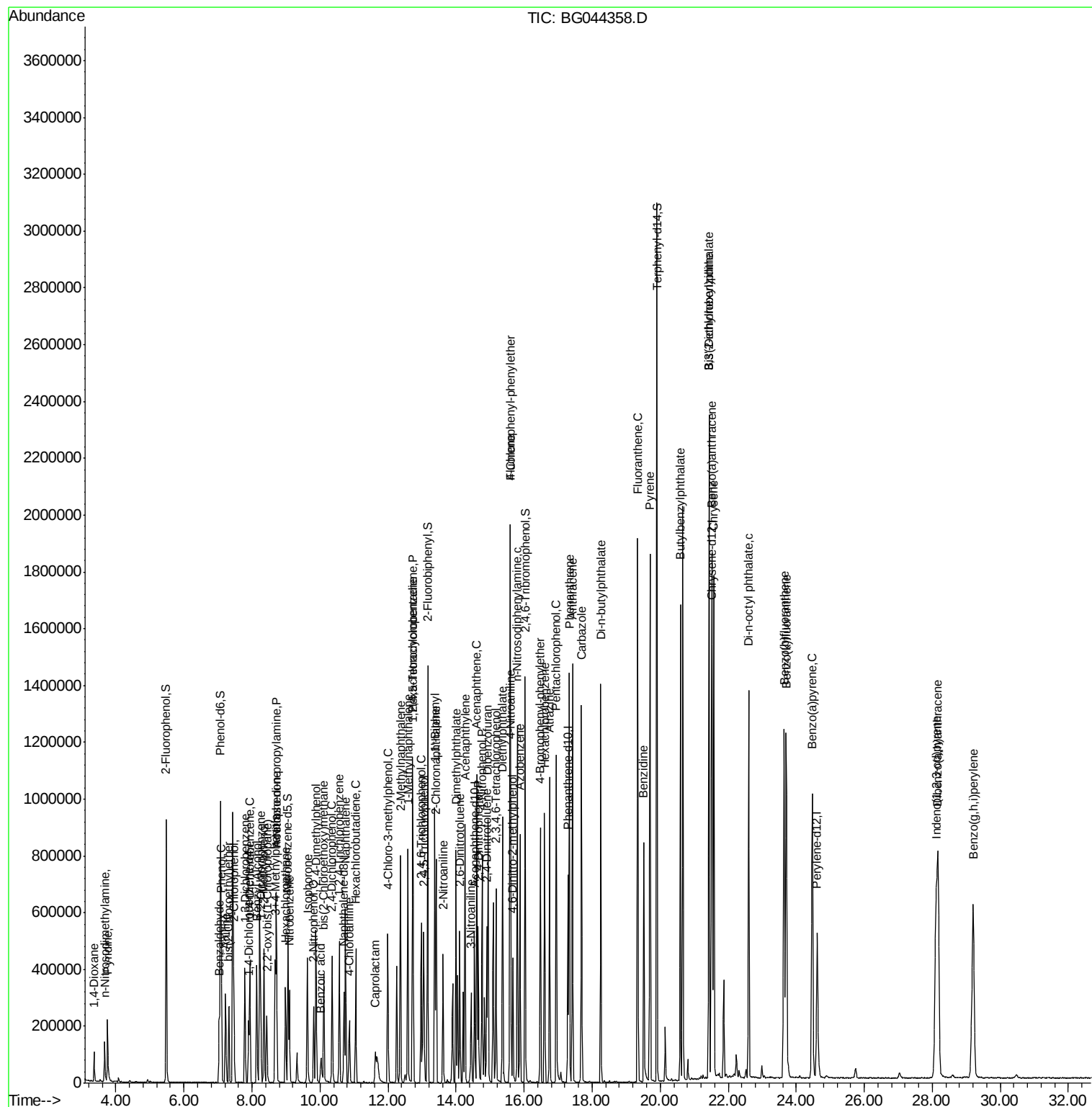
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.72	237	253182	90.318	ng	100
43) 2,4,6-Trichlorophenol	12.98	196	151155	40.028	ng	97
44) 2,4,5-Trichlorophenol	13.05	196	163992	42.518	ng	99
46) 1,1'-Biphenyl	13.38	154	536239	38.065	ng	98
47) 2-Chloronaphthalene	13.42	162	420272	37.491	ng	99
48) 2-Nitroaniline	13.62	65	125647	37.979	ng	98
49) Acenaphthylene	14.26	152	680630	41.395	ng	99
50) Dimethylphthalate	14.00	163	566567	40.357	ng	99
51) 2,6-Dinitrotoluene	14.11	165	126540	40.425	ng	97
52) Acenaphthene	14.60	154	416735	39.103	ng	98
53) 3-Nitroaniline	14.44	138	93646	27.041	ng	100
54) 2,4-Dinitrophenol	14.65	184	151277	81.412	ng	98
55) Dibenzofuran	14.94	168	659258	40.857	ng	99
56) 4-Nitrophenol	14.76	139	254004	100.130	ng	98
57) 2,4-Dinitrotoluene	14.90	165	186582	42.528	ng	96
58) Fluorene	15.59	166	531335	41.808	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.17	232	155274	44.569	ng	98
60) Diethylphthalate	15.37	149	583228	41.693	ng	99
61) 4-Chlorophenyl-phenylether	15.59	204	275662	40.004	ng	100
62) 4-Nitroaniline	15.61	138	139492	40.310	ng	98
63) Azobenzene	15.88	77	507779	41.417	ng	98
65) 4,6-Dinitro-2-methylphenol	15.67	198	117607	44.539	ng	99
66) n-Nitrosodiphenylamine	15.80	169	507249	37.838	ng	98
67) 4-Bromophenyl-phenylether	16.48	248	190926	36.634	ng	98
68) Hexachlorobenzene	16.60	284	209855	35.941	ng	98
69) Atrazine	16.75	200	210340	45.777	ng	99
70) Pentachlorophenol	16.94	266	233698	79.182	ng	98
71) Phenanthrene	17.33	178	914931	39.498	ng	98
72) Anthracene	17.42	178	941646	41.117	ng	99
73) Carbazole	17.69	167	882117	41.782	ng	100
74) Di-n-butylphthalate	18.25	149	1102137	42.244	ng	99
75) Fluoranthene	19.34	202	1159770	43.281	ng	100
77) Benzidine	19.52	184	591229	46.031	ng	99
78) Pyrene	19.70	202	1163532	39.126	ng	98
80) Butylbenzylphthalate	20.59	149	501788	37.027	ng	98
81) Benzo(a)anthracene	21.51	228	1103592	38.670	ng	99
82) 3,3'-Dichlorobenzidine	21.43	252	315699	28.502	ng	99
83) Chrysene	21.58	228	1070430	38.804	ng	99
84) Bis(2-ethylhexyl)phthalate	21.44	149	709954	38.061	ng	99
85) Di-n-octyl phthalate	22.60	149	1235232	38.273	ng	99
86) Indeno(1,2,3-cd)pyrene	28.12	276	1356138	37.681	ng	99
88) Benzo(b)fluoranthene	23.64	252	1186535	39.748	ng	99
89) Benzo(k)fluoranthene	23.71	252	1145815	39.383	ng	99
90) Benzo(a)pyrene	24.48	252	1087264	38.522	ng	99
91) Dibenzo(a,h)anthracene	28.17	278	1124096	40.243	ng	98
92) Benzo(g,h,i)perylene	29.20	276	1137563	40.682	ng	98

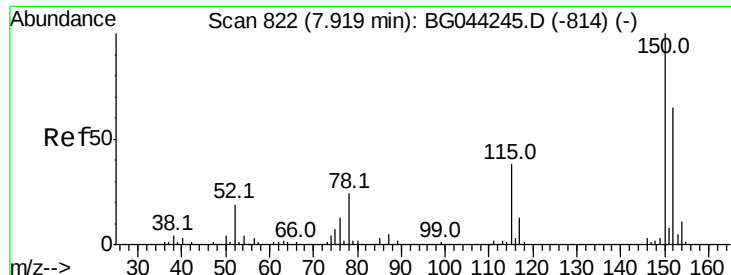
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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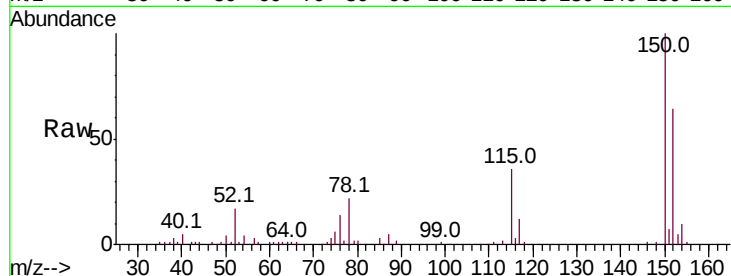


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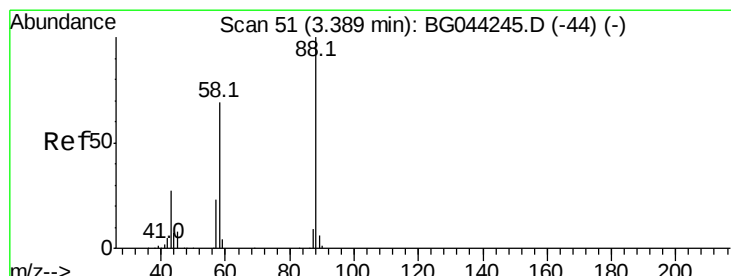
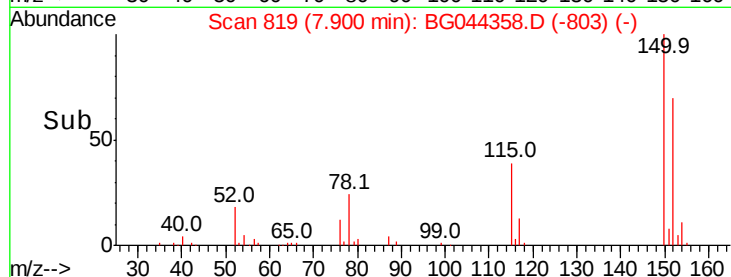
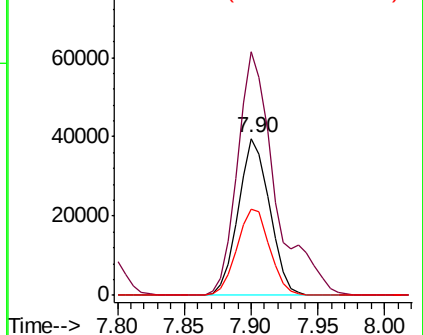
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG044358.D
Acq: 10 Feb 2020 16:03

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion:152 Resp: 64425
Ion Ratio Lower Upper
152 100
150 155.5 122.6 183.8
115 55.3 46.0 69.0



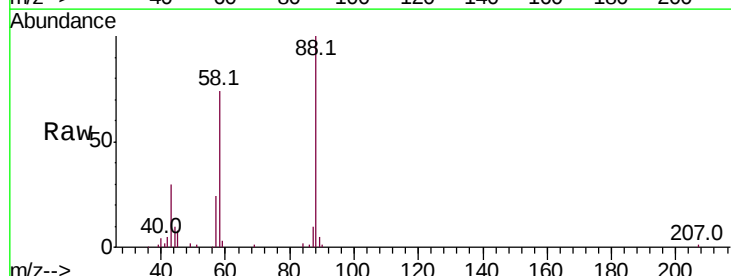
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



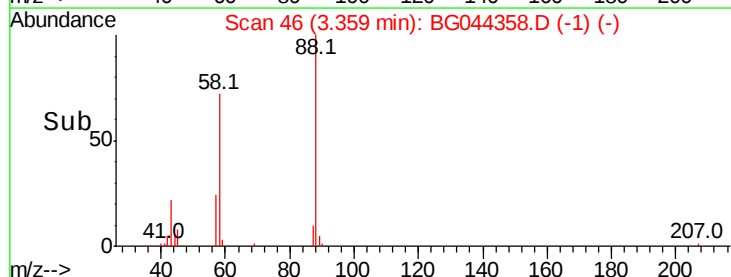
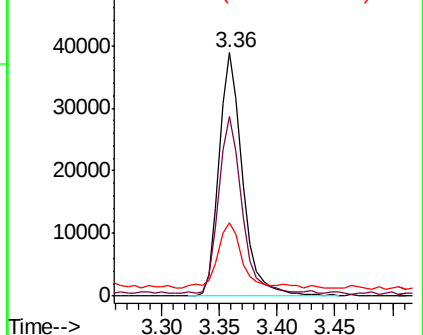
#2

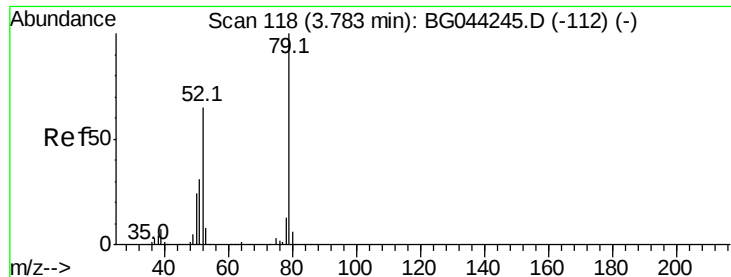
1,4-Dioxane
Concen: 33.564 ng
RT: 3.36 min Scan# 46
Delta R.T. -0.01 min
Lab File: BG044358.D
Acq: 10 Feb 2020 16:03

Tgt Ion: 88 Resp: 55050
Ion Ratio Lower Upper
88 100
58 71.6 55.8 83.6
43 26.9 21.6 32.4



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





#3

Pvridine

Concen: 30.842 ng

RT: 3.75 min Scan# 113

Delta R.T. -0.01 min

Lab File: BG044358.D

Acq: 10 Feb 2020 16:03

Instrument :

BNA_G

ClientSampleId :

PB126601BSD

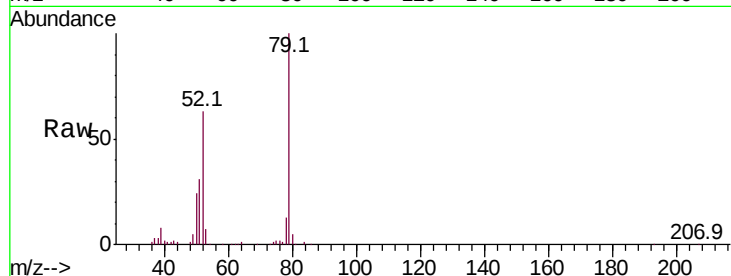
Tot Ion: 79 Resp: 134771

Ion Ratio Lower Upper

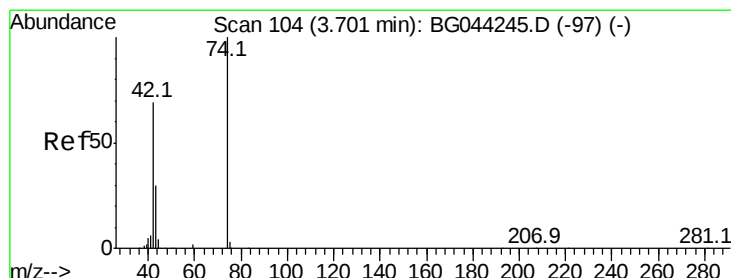
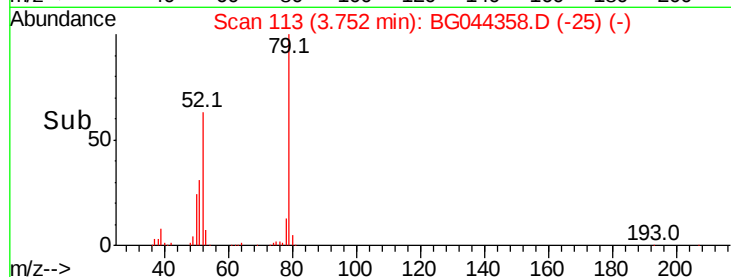
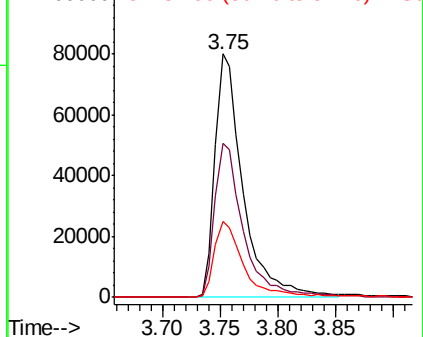
79 100

52 63.5 51.9 77.9

51 31.3 25.3 37.9



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



#4

n-Nitrosodimethylamine

Concen: 37.374 ng

RT: 3.67 min Scan# 99

Delta R.T. -0.01 min

Lab File: BG044358.D

Acq: 10 Feb 2020 16:03

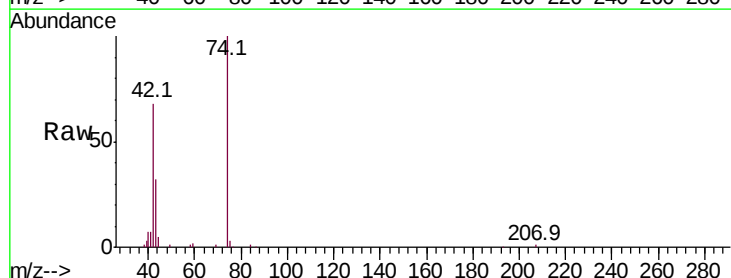
Tgt Ion: 42 Resp: 68243

Ion Ratio Lower Upper

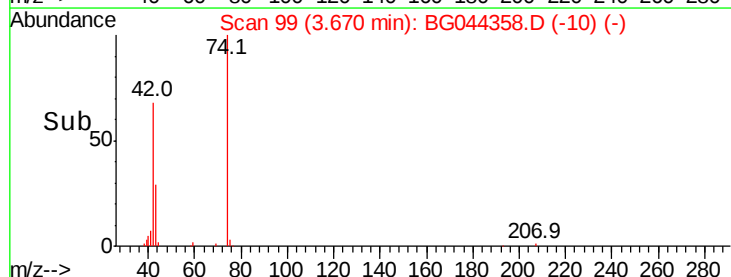
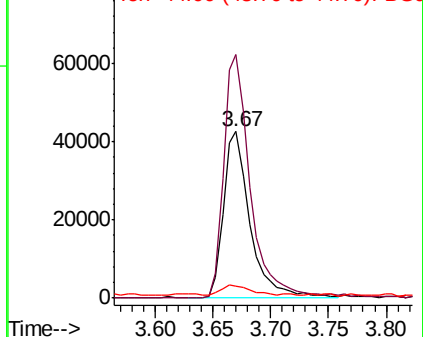
42 100

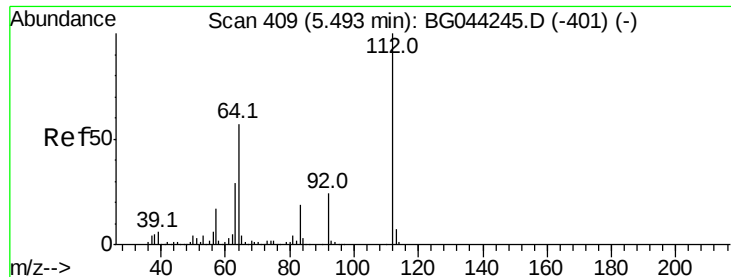
74 146.2 115.1 172.7

44 7.3 5.6 8.4



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





#5

2-Fluorophenol

Concen: 125.596 ng

RT: 5.48 min Scan# 407

Delta R.T. 0.00 min

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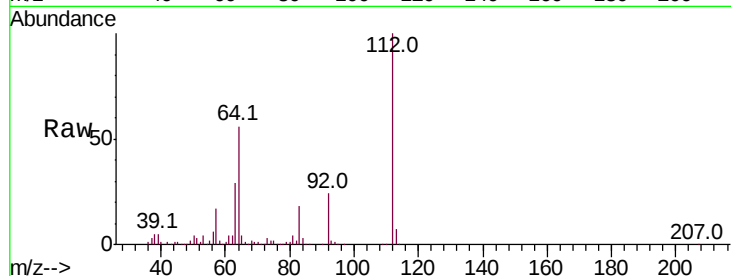
Tot Ion:112 Resp: 458485

Ion Ratio Lower Upper

112 100

64 56.2 45.4 68.2

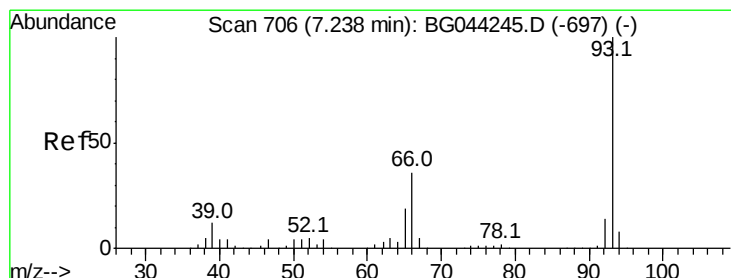
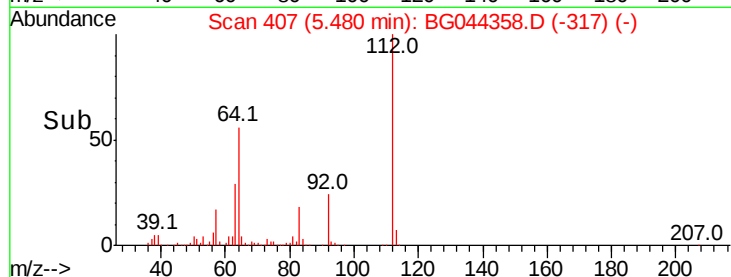
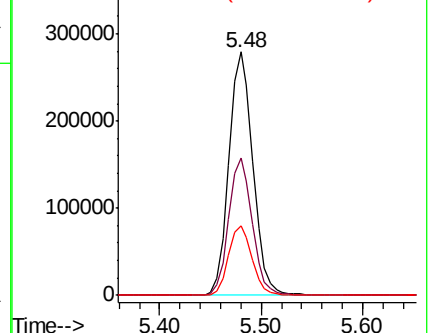
63 28.7 22.9 34.3



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: 35.814 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG044358.D

Acq: 10 Feb 2020 16:03

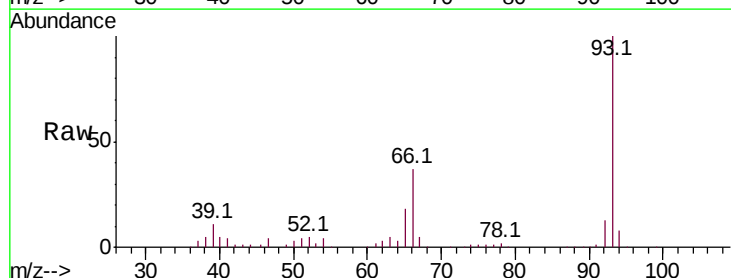
Tgt Ion: 93 Resp: 217917

Ion Ratio Lower Upper

93 100

66 37.2 28.7 43.1

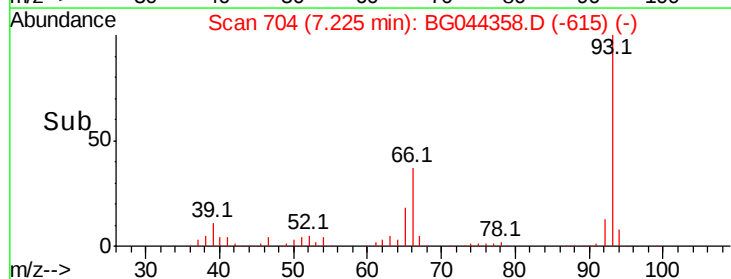
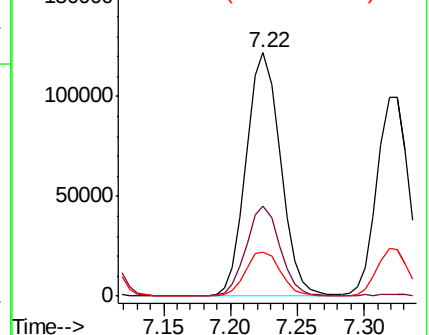
65 18.2 15.4 23.0

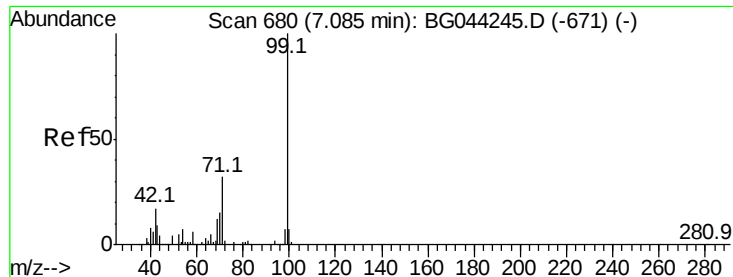


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 125.785 ng

RT: 7.08 min Scan# 679

Delta R.T. 0.00 min

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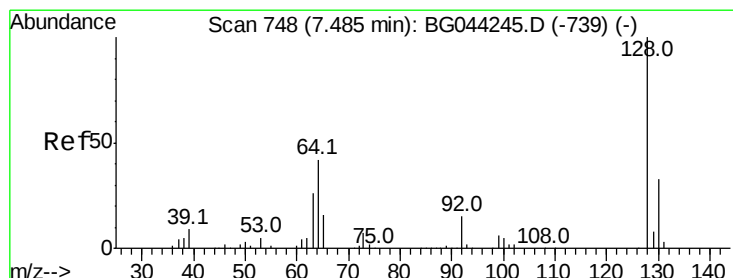
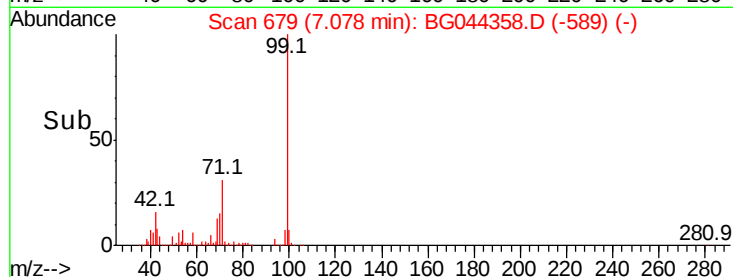
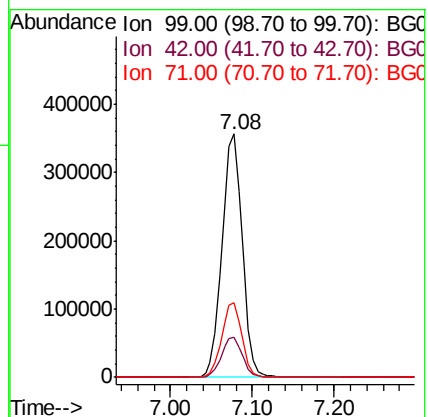
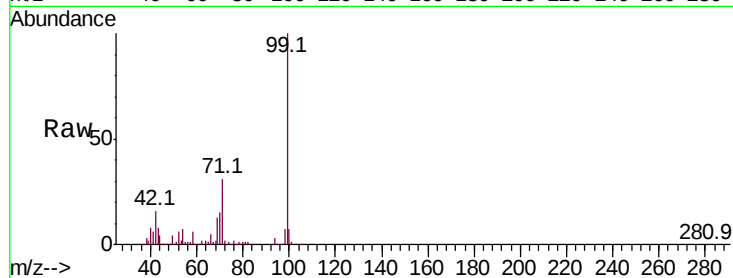
Tot Ion: 99 Resp: 616603

Ion Ratio Lower Upper

99 100

42 16.5 13.8 20.6

71 30.5 25.5 38.3



#8

2-Chlorophenol

Concen: 46.449 ng

RT: 7.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BG044358.D

Acq: 10 Feb 2020 16:03

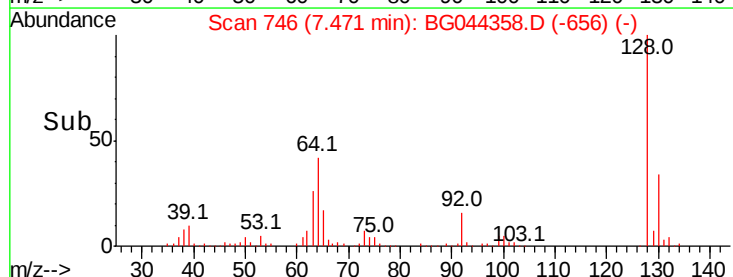
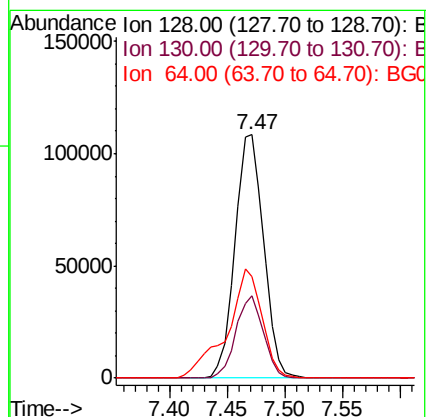
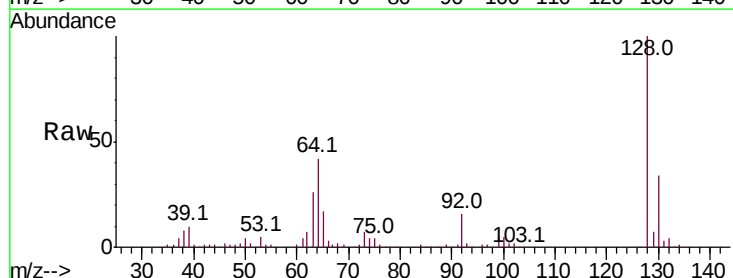
Tgt Ion: 128 Resp: 186353

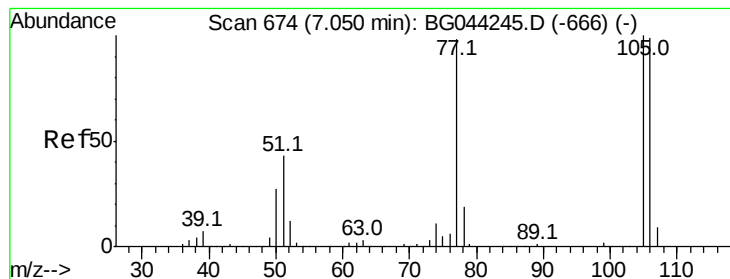
Ion Ratio Lower Upper

128 100

130 33.6 12.5 52.5

64 41.6 24.2 64.2





#9

Benzaldehyde

Concen: 29.363 ng

RT: 7.04 min Scan# 672

Delta R.T. 0.00 min

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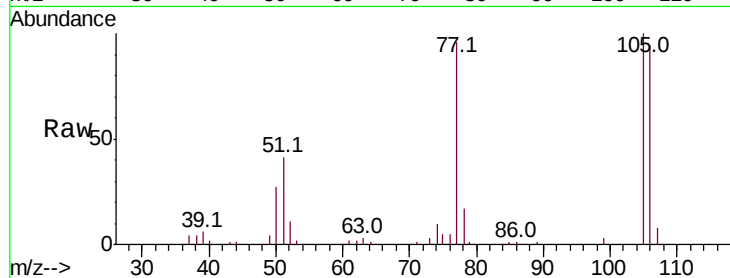
Tot Ion: 77 Resp: 81977

Ion Ratio Lower Upper

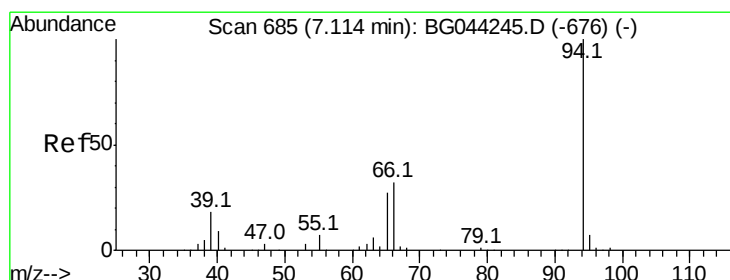
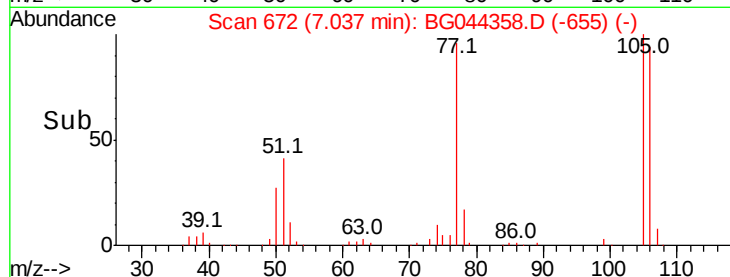
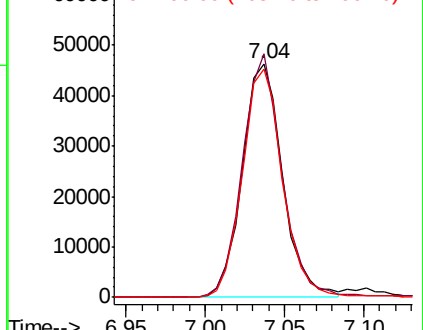
77 100

105 104.2 82.0 122.0

106 97.9 80.7 120.7



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 46.848 ng

RT: 7.10 min Scan# 683

Delta R.T. 0.00 min

Lab File: BG044358.D

Acq: 10 Feb 2020 16:03

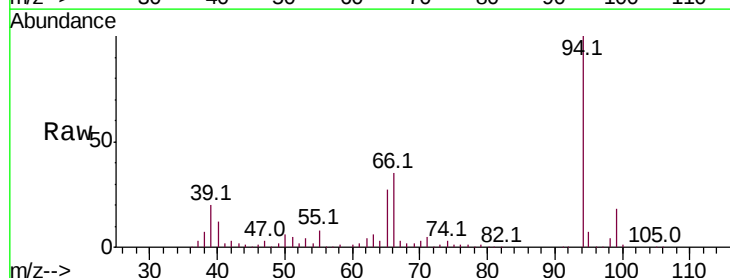
Tgt Ion: 94 Resp: 227276

Ion Ratio Lower Upper

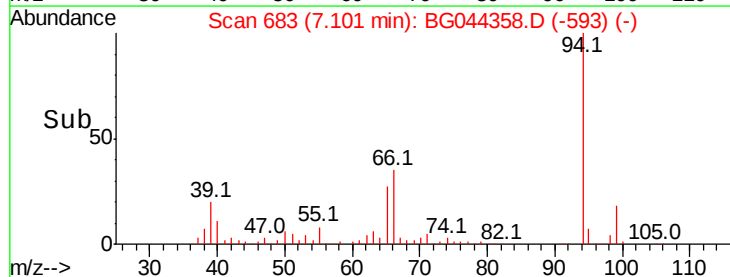
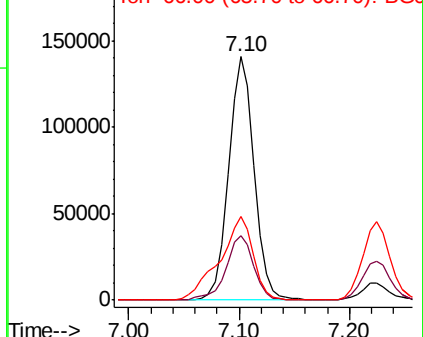
94 100

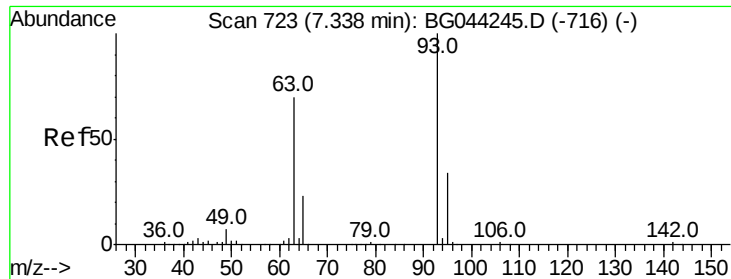
65 26.6 7.0 47.0

66 34.6 12.7 52.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

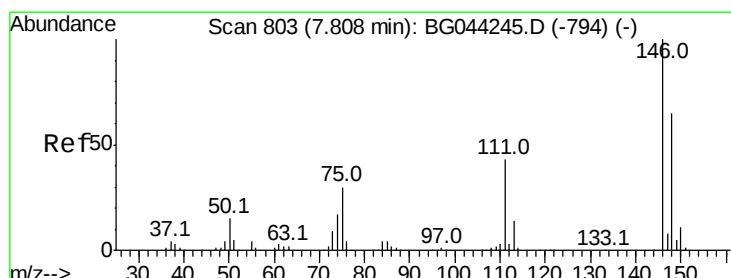
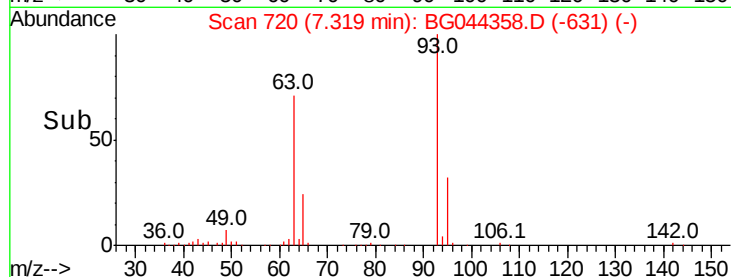
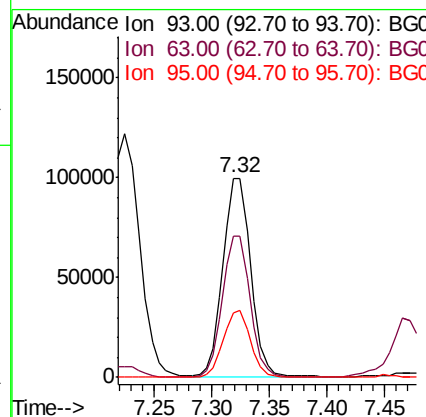
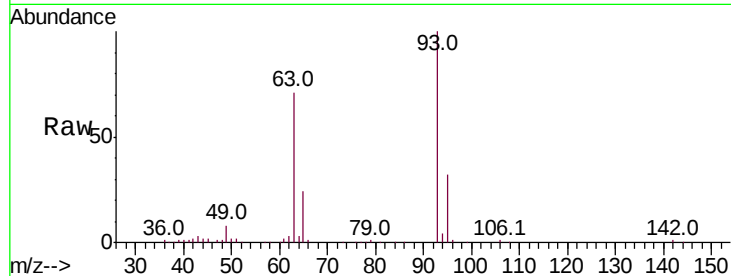




#11
 bis(2-Chloroethyl)ether
 Concen: 40.525 ng
 RT: 7.32 min Scan# 720
 Delta R.T. -0.01 min
 Lab File: BG044358.D
 Acq: 10 Feb 2020 16:03

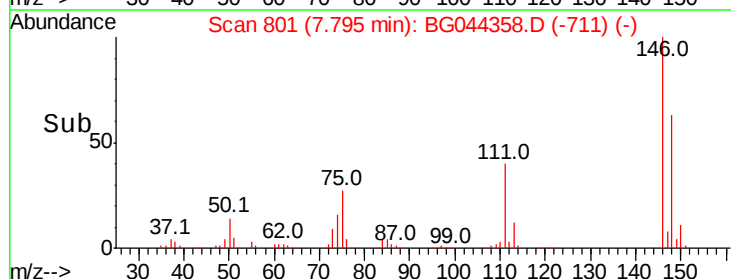
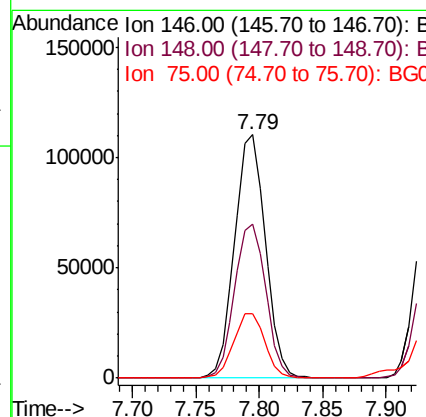
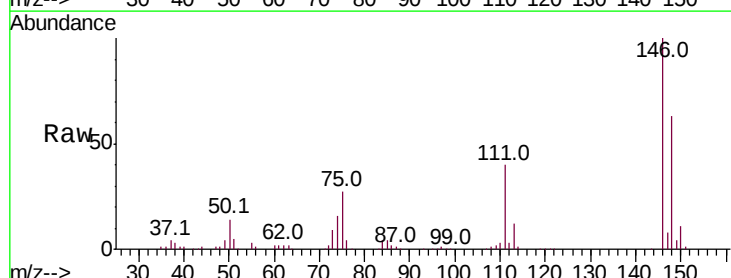
Instrument :
 BNA_G
 ClientSampleId :
 PB126601BSD

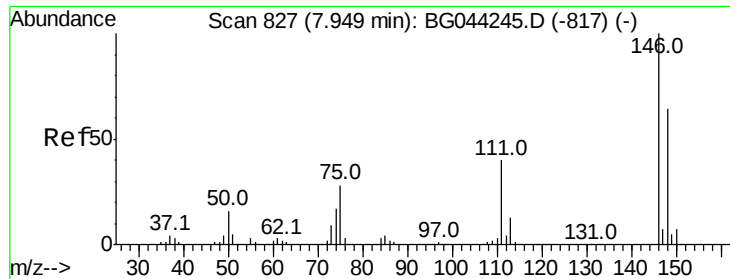
Tot Ion: 93 Resp: 168080
 Ion Ratio Lower Upper
 93 100
 63 70.7 49.2 89.2
 95 32.1 13.6 53.6



#12
 1,3-Dichlorobenzene
 Concen: 38.772 ng
 RT: 7.79 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BG044358.D
 Acq: 10 Feb 2020 16:03

Tgt Ion: 146 Resp: 185722
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.8 77.8
 75 26.6 23.7 35.5

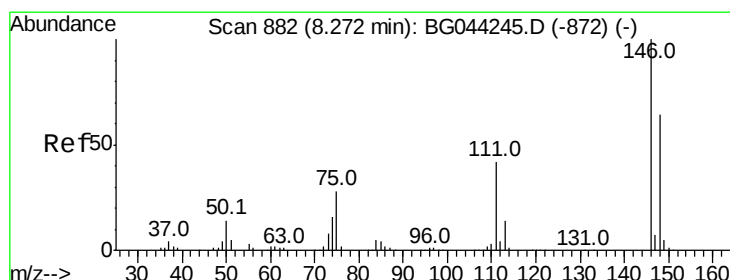
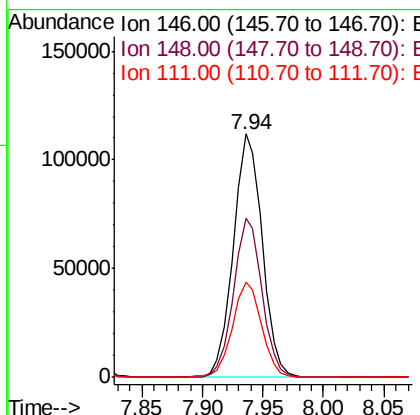
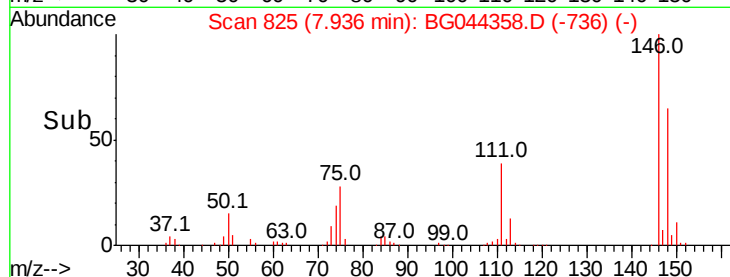
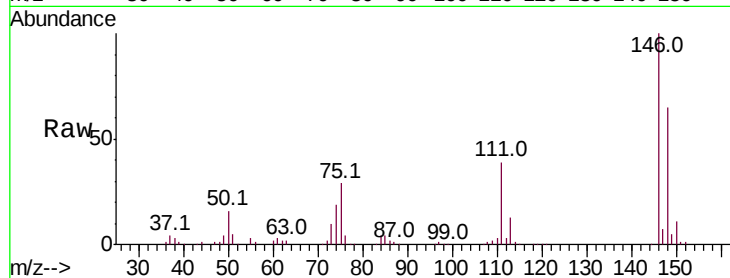




#13
 1,4-Dichlorobenzene
 Concen: 39.336 ng
 RT: 7.94 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BG044358.D
 Acq: 10 Feb 2020 16:03

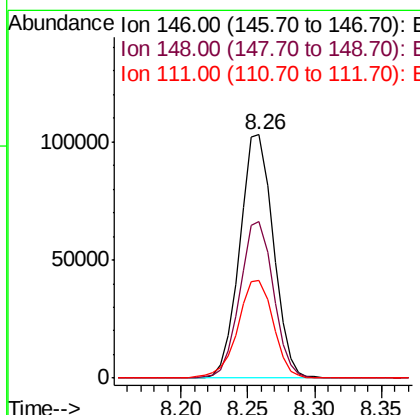
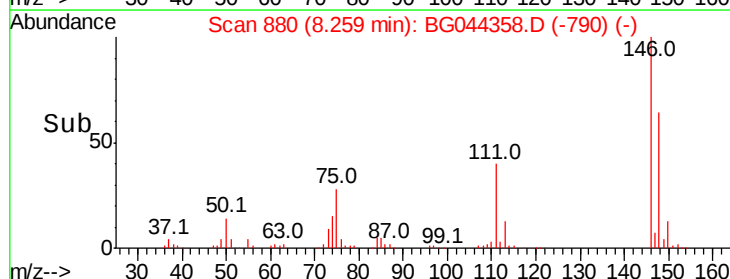
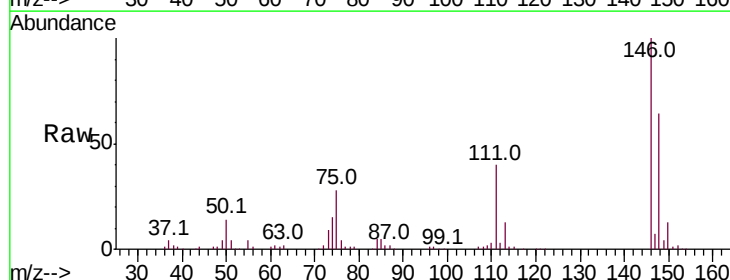
Instrument :
 BNA_G
 ClientSampleId :
 PB126601BSD

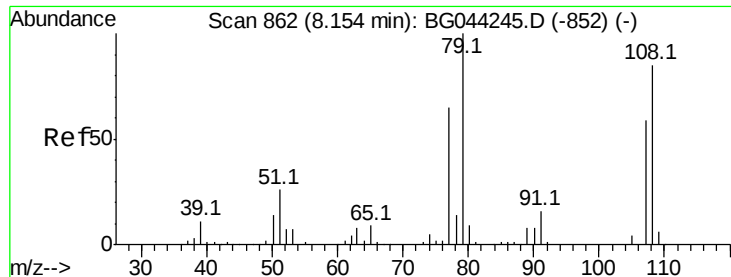
Tot Ion:146 Resp: 186623
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.4 77.0
 111 39.1 31.8 47.8



#14
 1,2-Dichlorobenzene
 Concen: 39.964 ng
 RT: 8.26 min Scan# 880
 Delta R.T. 0.00 min
 Lab File: BG044358.D
 Acq: 10 Feb 2020 16:03

Tgt Ion:146 Resp: 179210
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.2 76.8
 111 40.3 34.0 51.0

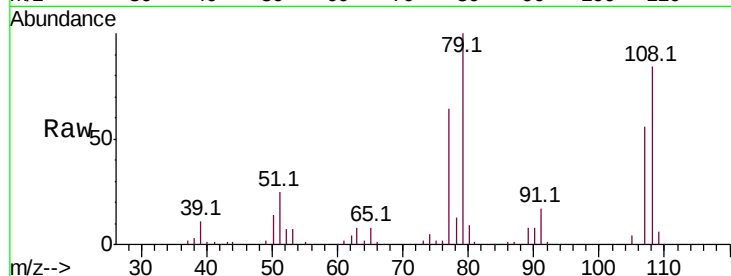




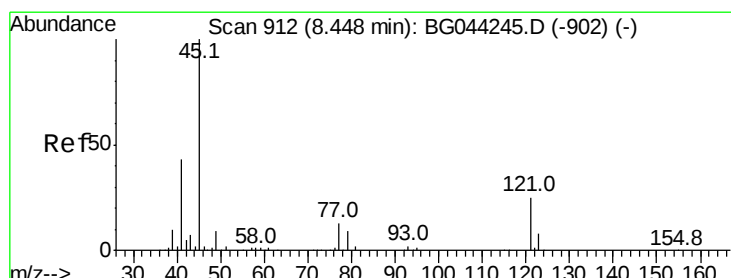
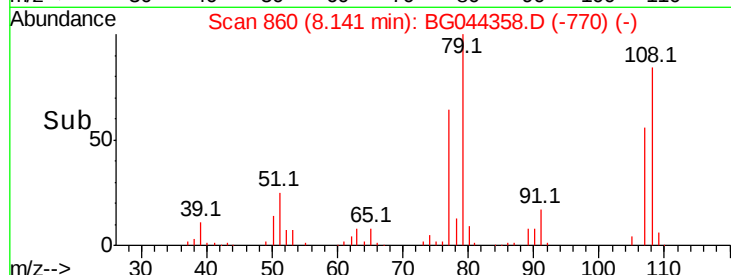
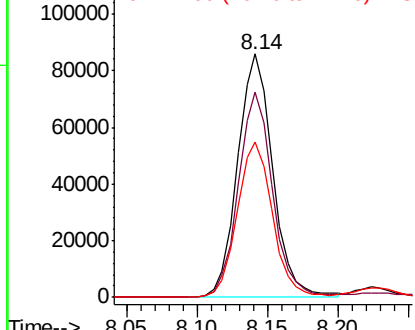
#15
Benzyl Alcohol
Concen: 43.054 ng
RT: 8.14 min Scan# 860
Delta R.T. 0.00 min
Lab File: BG044358.D
Acq: 10 Feb 2020 16:03

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion: 79 Resp: 149418
Ion Ratio Lower Upper
79 100
108 84.1 68.3 102.5
77 63.9 51.8 77.8

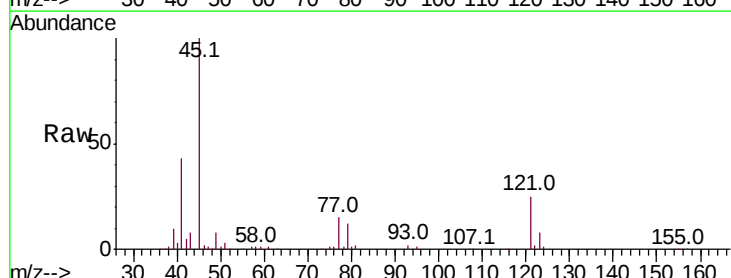


Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

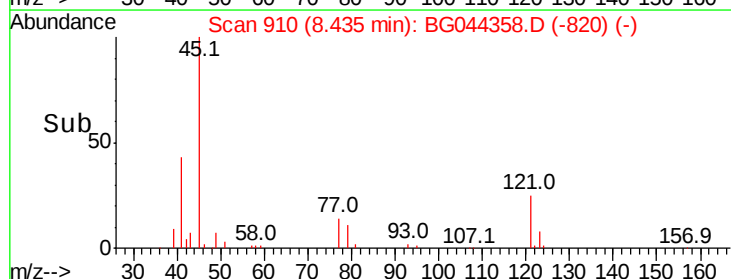
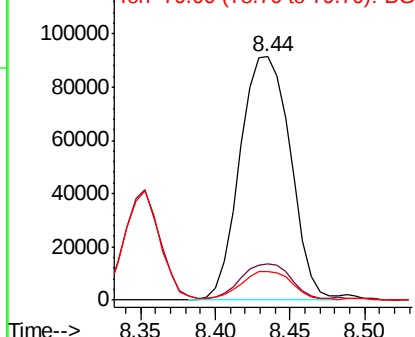


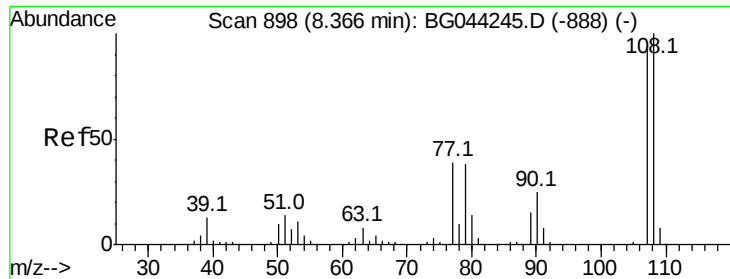
#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.222 ng
RT: 8.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BG044358.D
Acq: 10 Feb 2020 16:03

Tgt Ion: 45 Resp: 214568
Ion Ratio Lower Upper
45 100
77 14.9 0.0 35.2
79 11.9 0.0 31.1



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

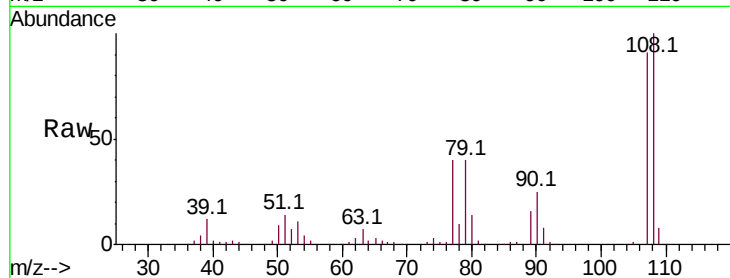




#17
2-Methylphenol
Concen: 46.042 ng
RT: 8.35 min Scan# 896
Delta R.T. 0.00 min
Lab File: BG044358.D
Acq: 10 Feb 2020 16:03

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.3	86.4	129.6
77	44.3	34.0	51.0
79	43.6	32.9	49.3



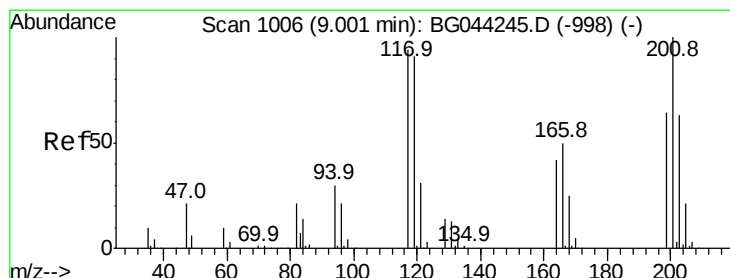
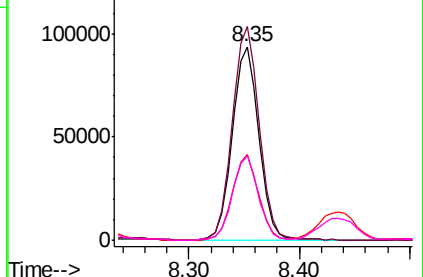
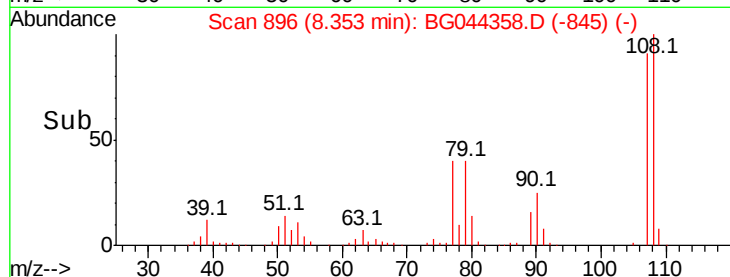
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

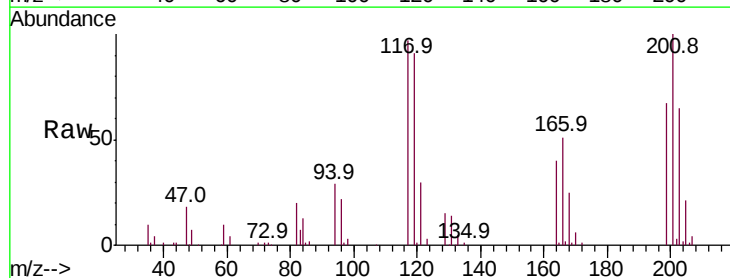
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 38.455 ng
RT: 8.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BG044358.D
Acq: 10 Feb 2020 16:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.6	77.5	116.3
201	102.9	84.9	127.3

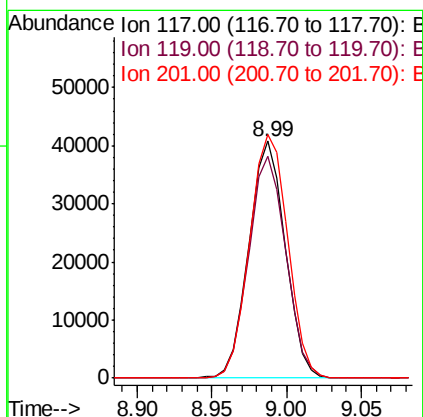
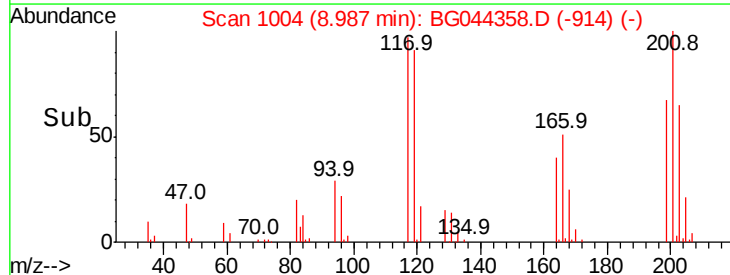


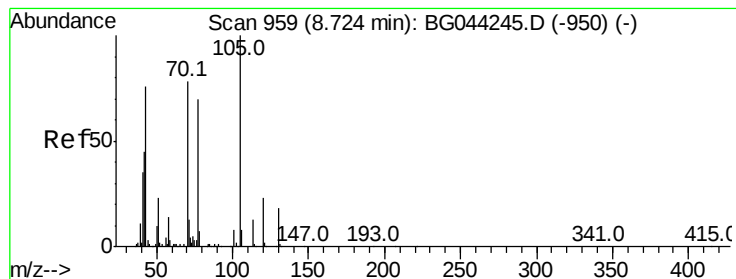
Abundance

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: 40.478 ng

RT: 8.71 min Scan# 957

Delta R.T. 0.00 min

Lab File: BG044358.D

Acq: 10 Feb 2020 16:03

Instrument :

BNA_G

ClientSampleId :

PB126601BSD

Tot Ion: 70 Resp: 132242

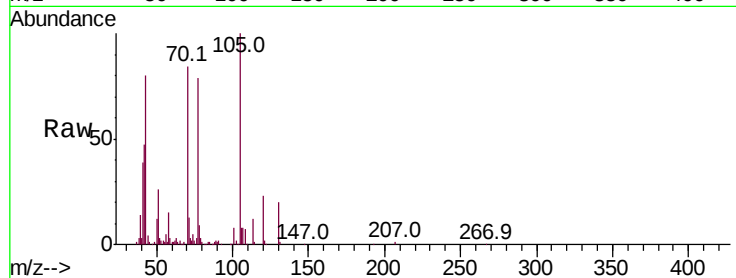
Ion Ratio Lower Upper

70 100

42 55.8 46.2 69.2

101 10.1 8.4 12.6

130 24.1 17.8 26.8

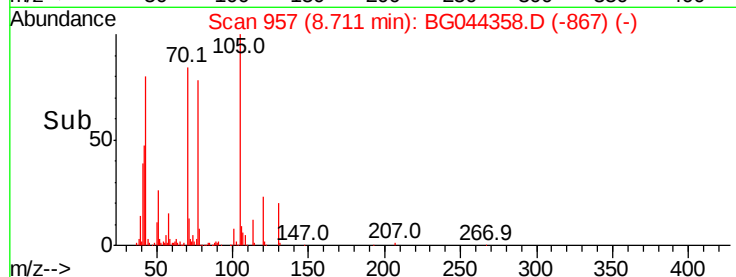


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

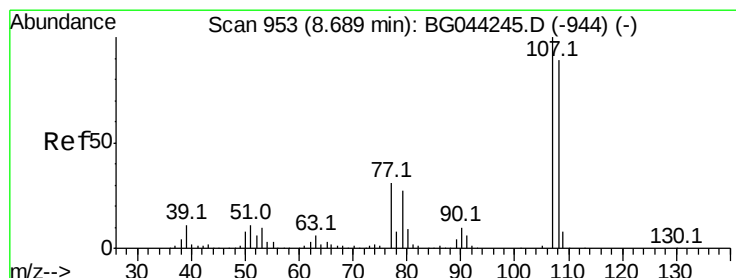
Ion 130.00 (129.70 to 130.70): BGC



Abundance

8.71

Time-->



#20

3+4-Methylphenols

Concen: 45.987 ng

RT: 8.68 min Scan# 952

Delta R.T. 0.00 min

Lab File: BG044358.D

Acq: 10 Feb 2020 16:03

Tgt Ion: 107 Resp: 219373

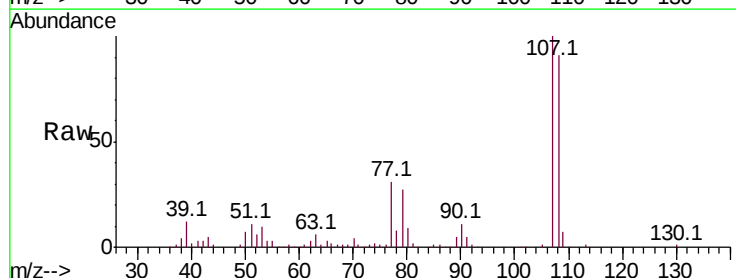
Ion Ratio Lower Upper

107 100

108 91.2 68.5 108.5

77 30.8 10.9 50.9

79 27.4 7.1 47.1

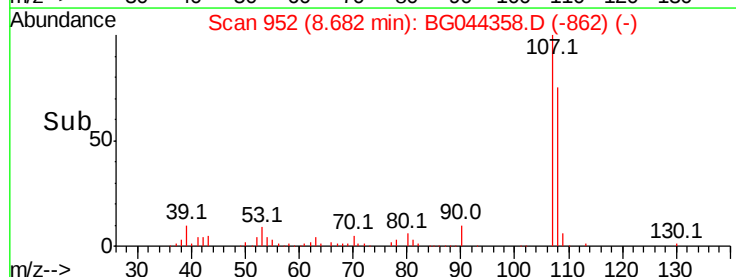


Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

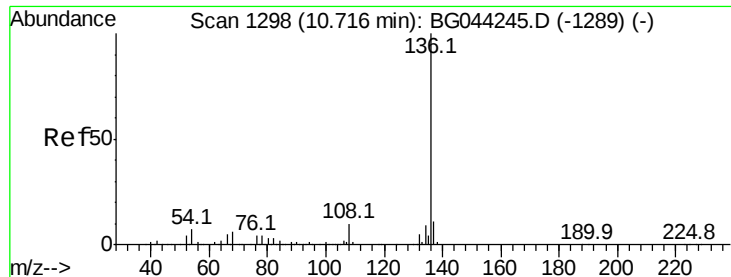
Ion 79.00 (78.70 to 79.70): BGC



Abundance

8.68

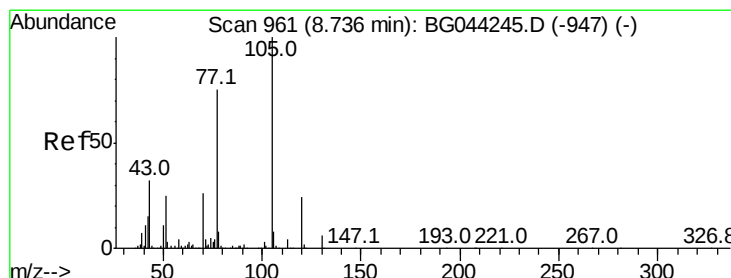
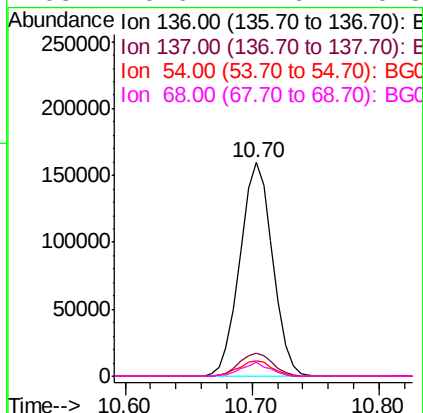
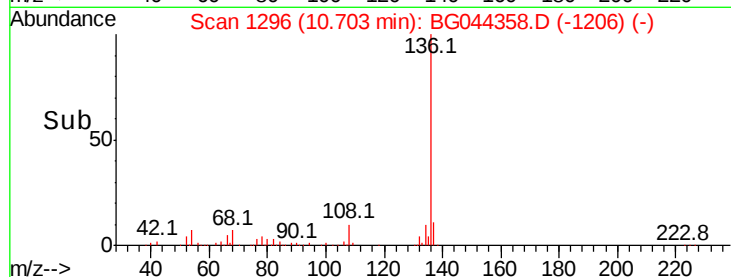
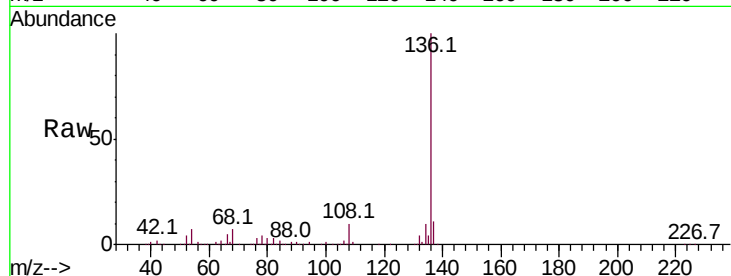
Time-->



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.70 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BG044358.D
Acq: 10 Feb 2020 16:03

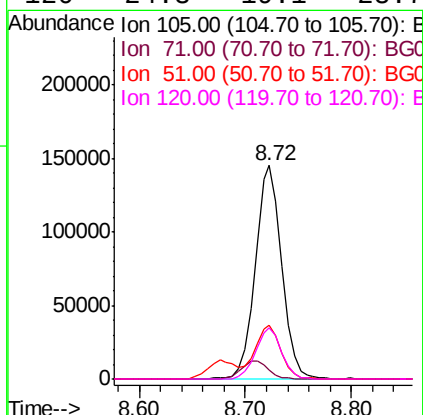
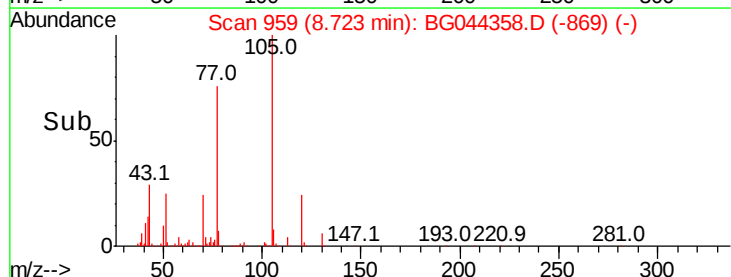
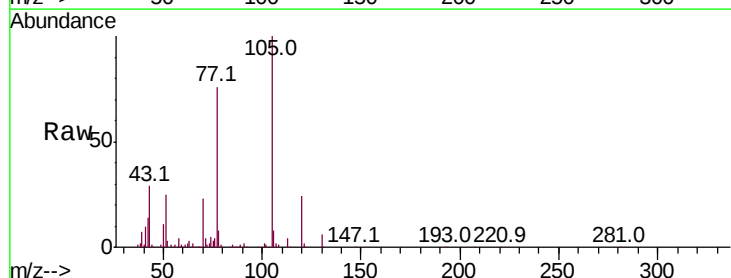
Instrument :
BNA_G
ClientSampleId :
PB126601BSD

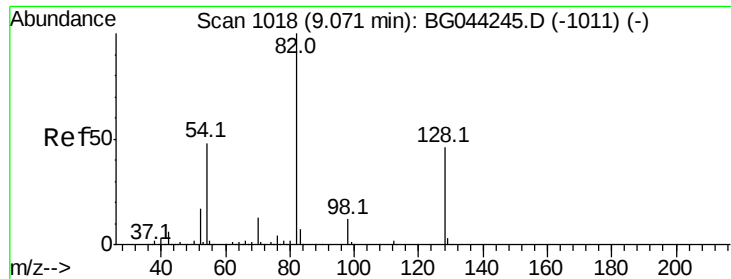
Tot Ion:136	Resp:	284227
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.8	13.2
54 6.9	5.8	8.8
68 6.6	4.6	6.8



#22
Acetophenone
Concen: 36.500 ng
RT: 8.72 min Scan# 959
Delta R.T. 0.00 min
Lab File: BG044358.D
Acq: 10 Feb 2020 16:03

Tgt	Ion:105	Resp:	252373
Ion	Ratio	Lower	Upper
105	100		
71	4.1	3.4	5.0
51	24.9	20.2	30.4
120	24.3	19.1	28.7

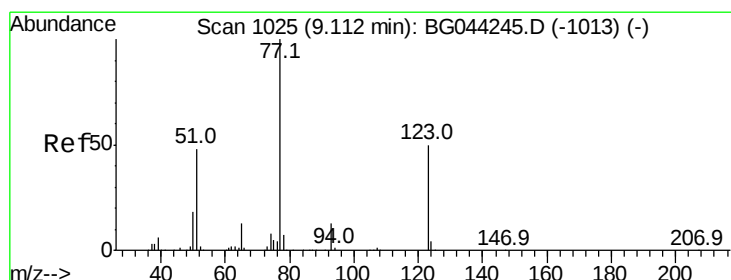
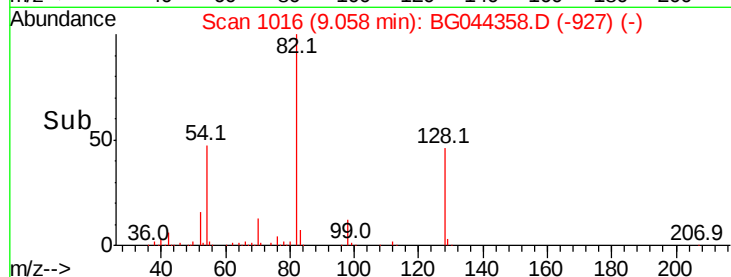
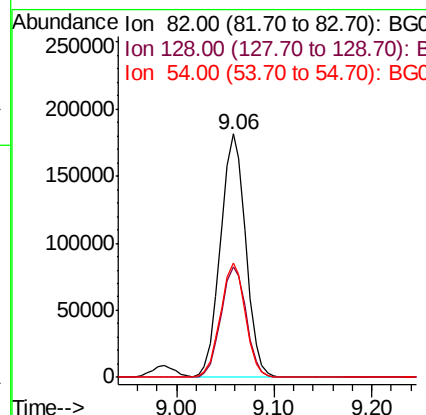
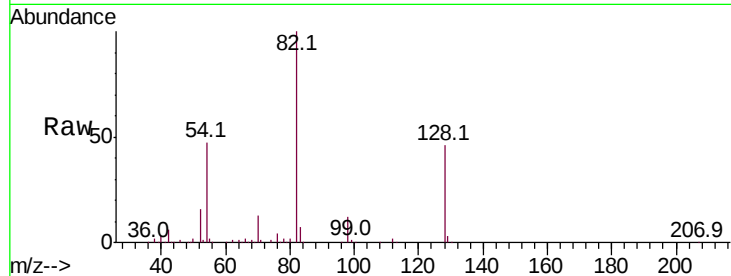




#23
 Nitrobenzene-d5
 Concen: 64.605 ng
 RT: 9.06 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BG044358.D
 Acq: 10 Feb 2020 16:03

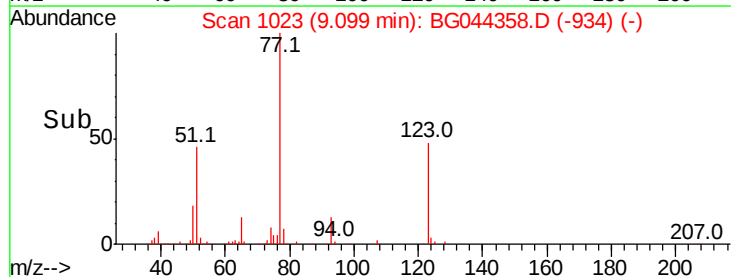
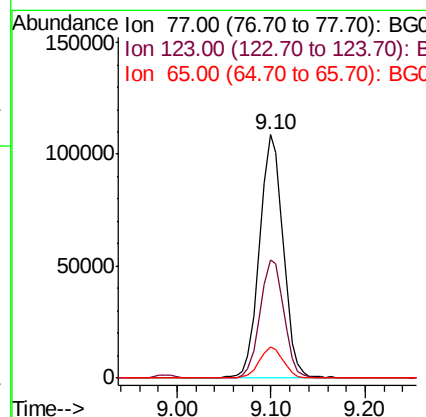
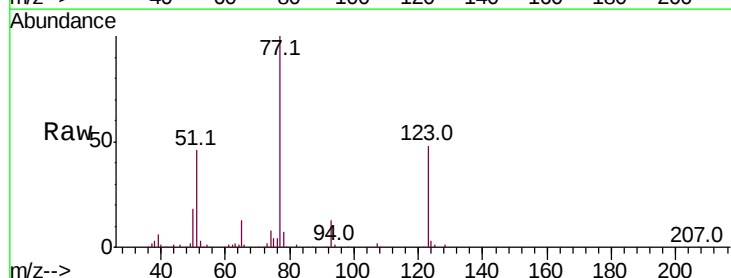
Instrument :
 BNA_G
 ClientSampleId :
 PB126601BSD

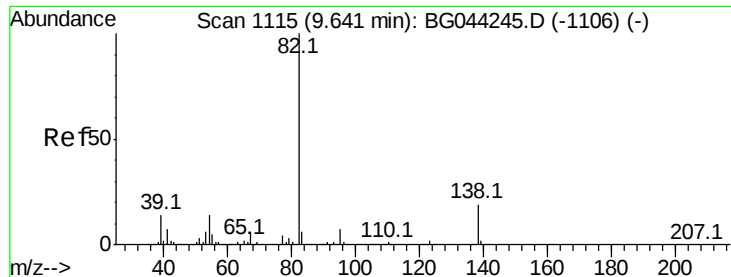
Tot Ion	82	Resp	325249
Ion Ratio	Lower	Upper	
82	100		
128	45.6	36.5	54.7
54	47.2	38.6	58.0



#24
 Nitrobenzene
 Concen: 38.627 ng
 RT: 9.10 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BG044358.D
 Acq: 10 Feb 2020 16:03

Tgt Ion	77	Resp	189847
Ion Ratio	Lower	Upper	
77	100		
123	48.3	39.9	59.9
65	12.5	10.4	15.6





#25

Isophorone

Concen: 39.587 ng

RT: 9.63 min Scan# 1113

Delta R.T. -0.01 min

Lab File: BG044358.D

Acq: 10 Feb 2020 16:03

Instrument :

BNA_G

ClientSampleId :

PB126601BSD

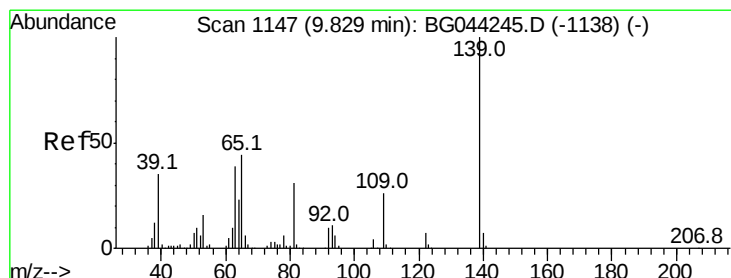
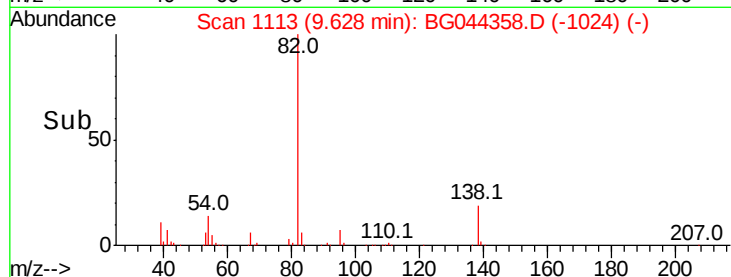
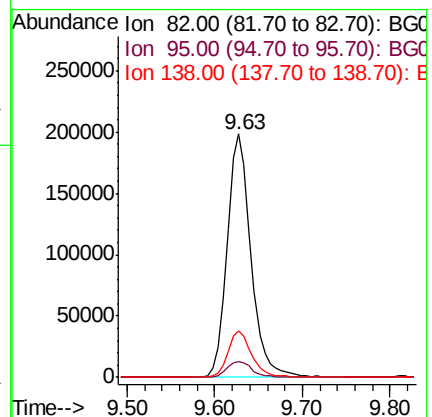
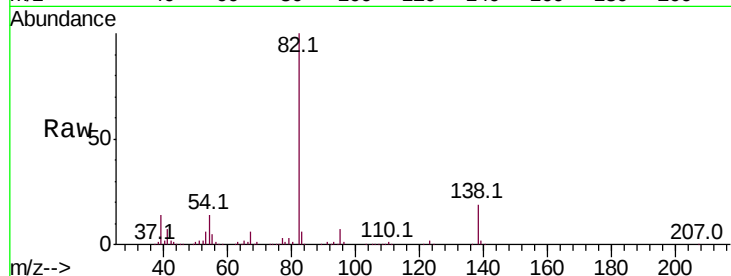
Tot Ion: 82 Resp: 371471

Ion Ratio Lower Upper

82 100

95 6.7 5.7 8.5

138 19.1 15.0 22.4



#26

2-Nitrophenol

Concen: 40.965 ng

RT: 9.82 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BG044358.D

Acq: 10 Feb 2020 16:03

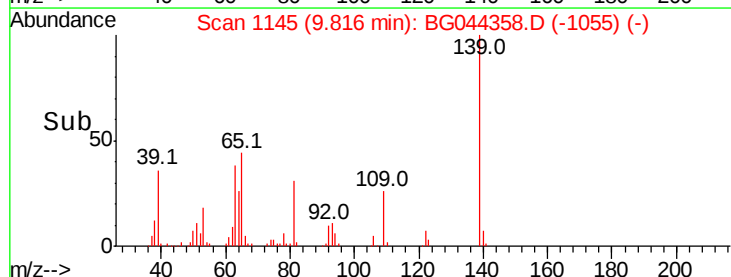
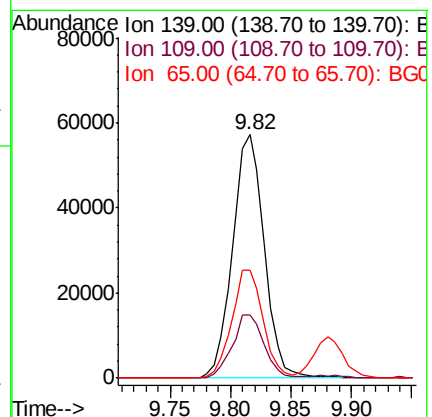
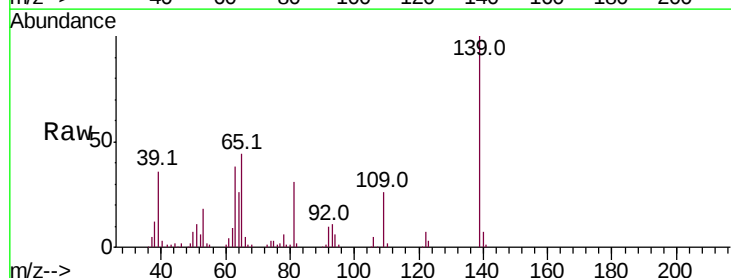
Tgt Ion: 139 Resp: 104471

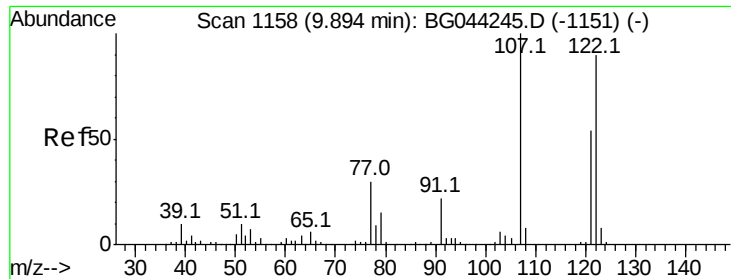
Ion Ratio Lower Upper

139 100

109 25.7 21.0 31.4

65 44.4 35.0 52.4

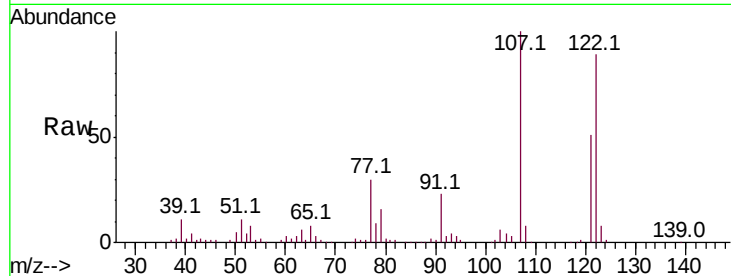




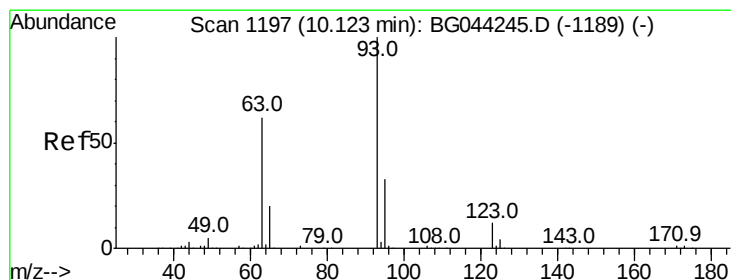
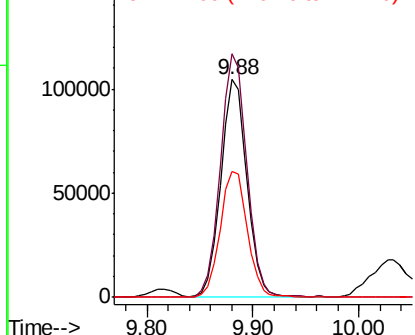
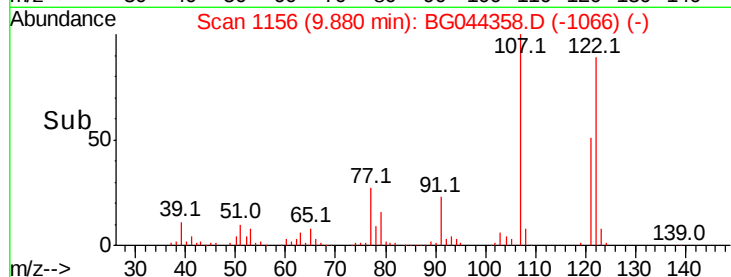
#27
 2,4-Dimethylphenol
 Concen: 49.673 ng
 RT: 9.88 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BG044358.D
 Acq: 10 Feb 2020 16:03

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BSD

Tot Ion:122 Resp: 178821
 Ion Ratio Lower Upper
 122 100
 107 111.8 88.8 133.2
 121 57.5 48.3 72.5

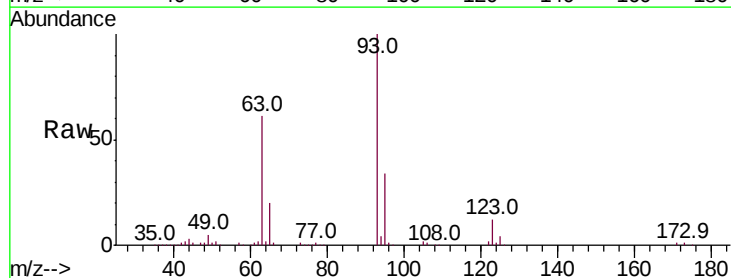


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

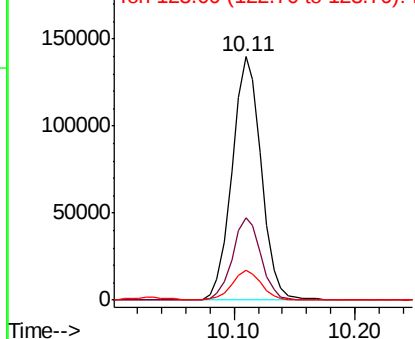
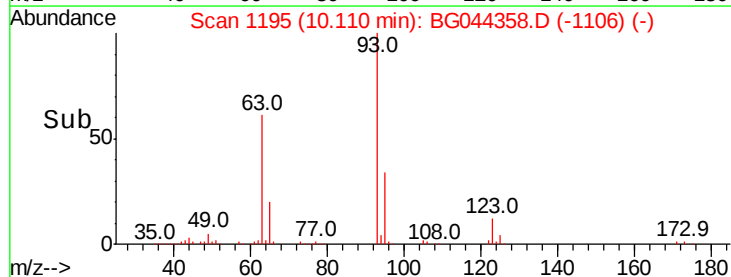


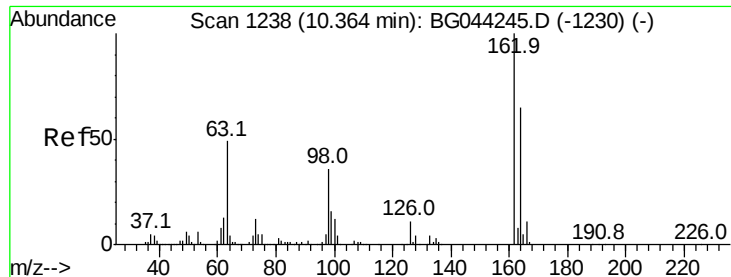
#28
 bis(2-Chloroethoxy)methane
 Concen: 37.401 ng
 RT: 10.11 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BG044358.D
 Acq: 10 Feb 2020 16:03

Tgt Ion: 93 Resp: 234120
 Ion Ratio Lower Upper
 93 100
 95 33.6 26.6 40.0
 123 12.3 10.0 15.0



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

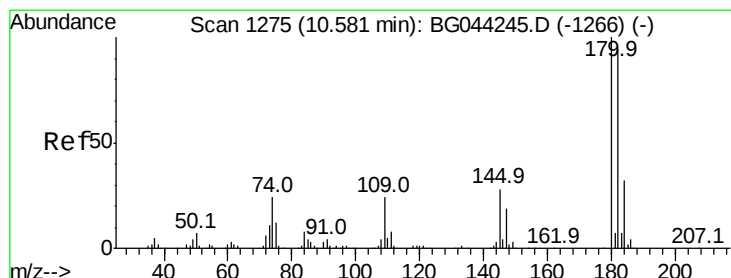
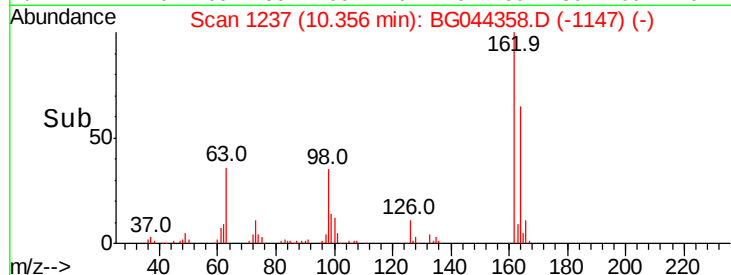
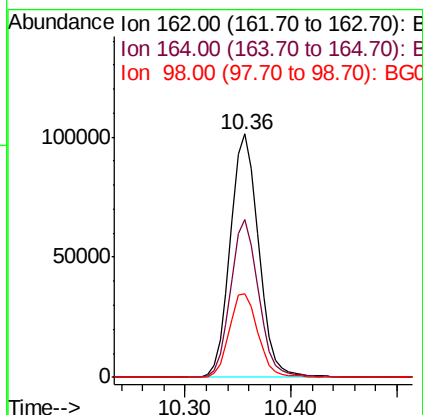
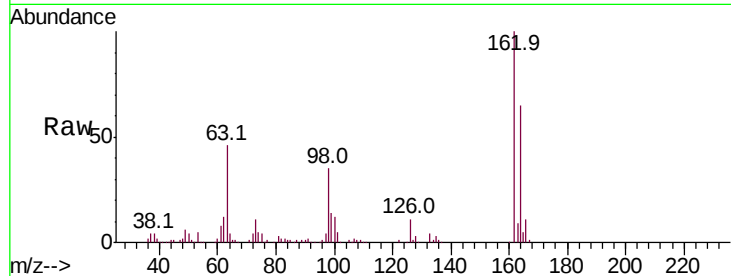




#29
2,4-Dichlorophenol
Concen: 43.249 ng
RT: 10.36 min Scan# 1237
Delta R.T. 0.00 min
Lab File: BG044358.D
Acq: 10 Feb 2020 16:03

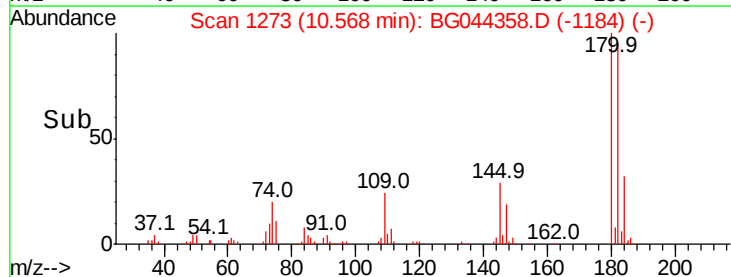
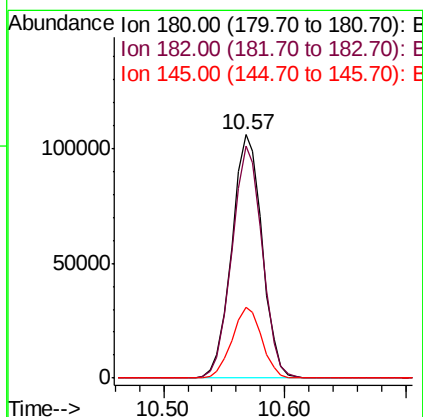
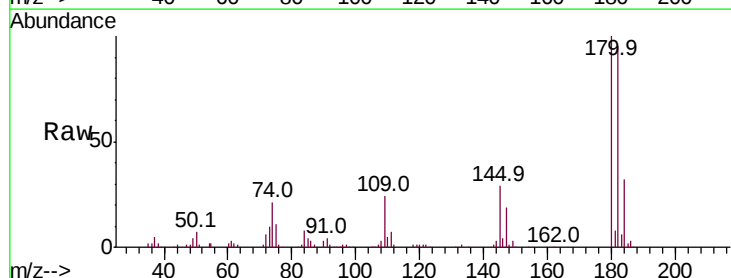
Instrument :
BNA_G
ClientSampleId :
PB126601BSD

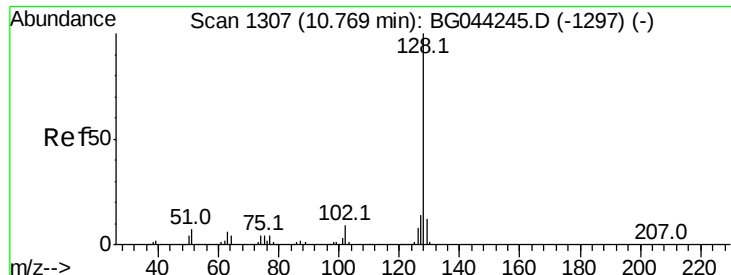
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.7	84.7
98	34.5	15.8	55.8



#30
1,2,4-Trichlorobenzene
Concen: 37.219 ng
RT: 10.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BG044358.D
Acq: 10 Feb 2020 16:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	75.5	113.3
145	29.2	22.6	34.0

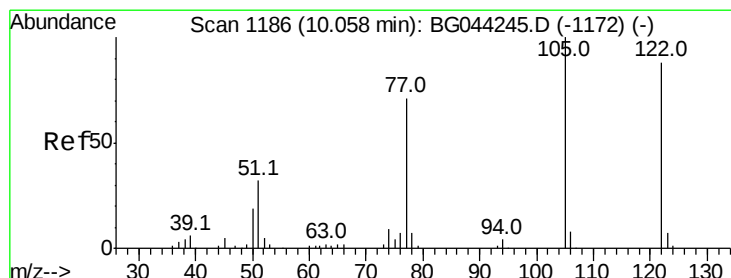
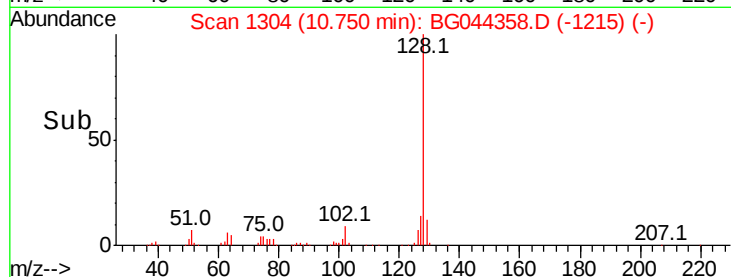
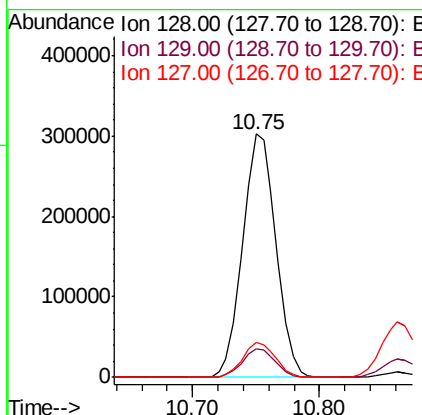
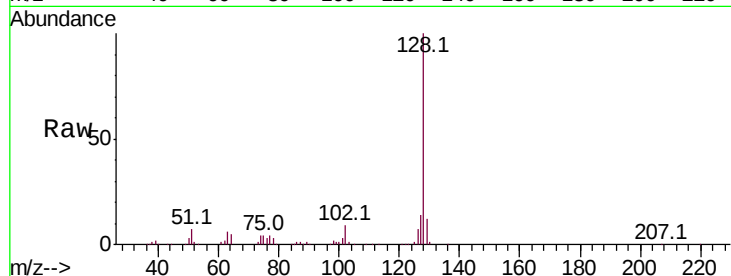




#31
Naphthalene
Concen: 39.925 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG044358.D
Acq: 10 Feb 2020 16:03

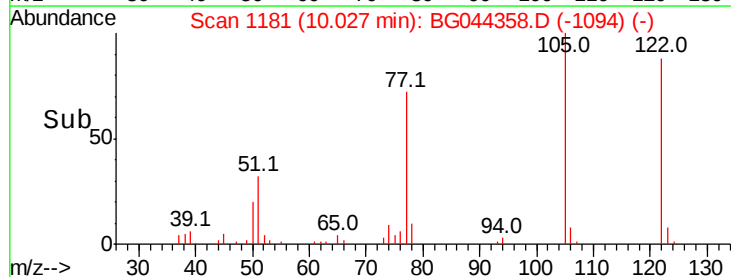
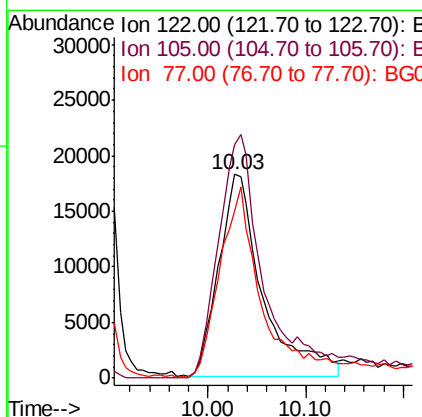
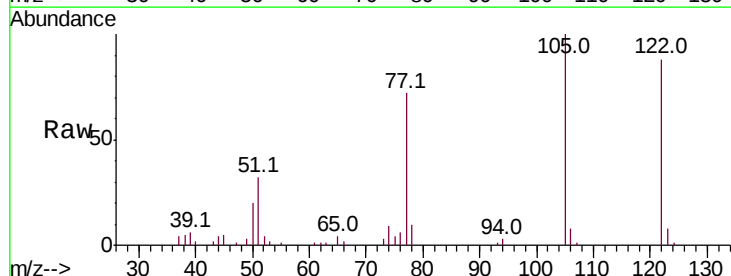
Instrument :
BNA_G
ClientSampleId :
PB126601BSD

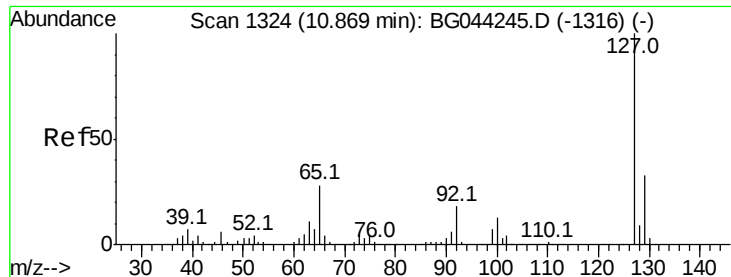
Tot Ion:128 Resp: 550553
Ion Ratio Lower Upper
128 100
129 11.8 9.3 13.9
127 14.3 11.6 17.4



#32
Benzoic acid
Concen: 31.078 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BG044358.D
Acq: 10 Feb 2020 16:03

Tgt Ion:122 Resp: 56886
Ion Ratio Lower Upper
122 100
105 114.3 93.5 133.5
77 82.0 61.0 101.0

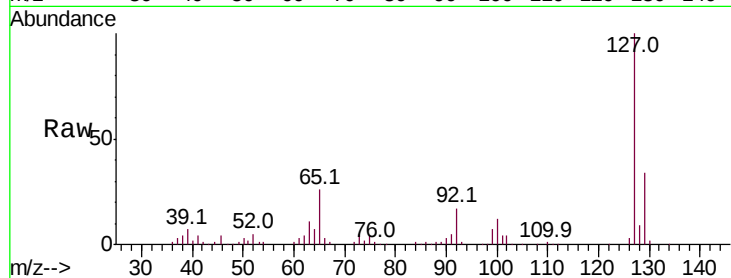




#33
4-Chloroaniline
Concen: 21.987 ng
RT: 10.86 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BG044358.D
Acq: 10 Feb 2020 16:03

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion:	127	Resp:	137898
Ion	Ratio	Lower	Upper
127	100		
129	34.1	26.6	40.0
65	25.8	22.5	33.7
92	17.4	14.1	21.1



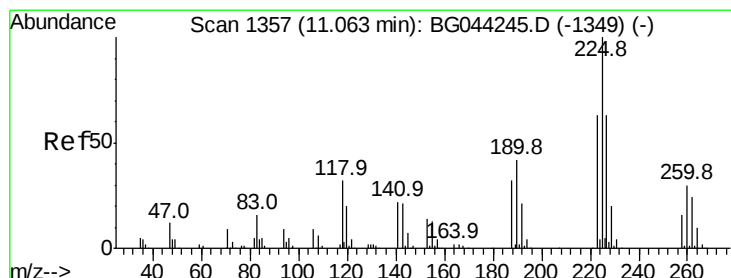
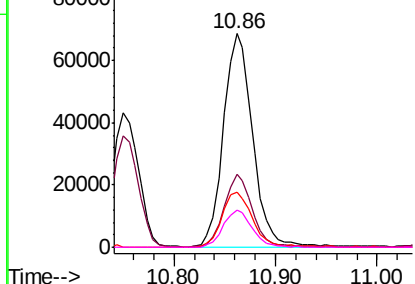
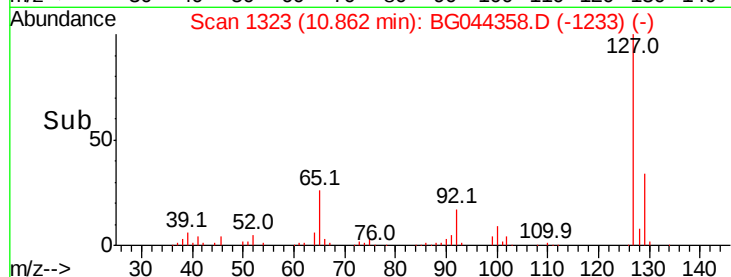
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

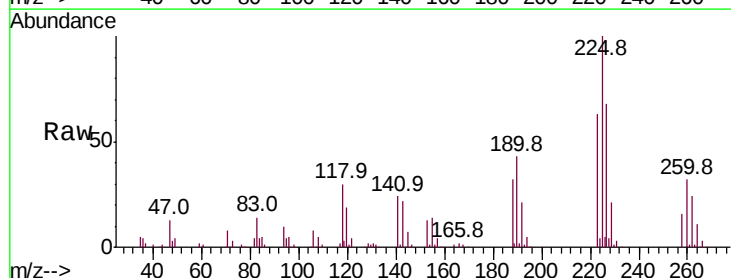
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 35.028 ng
RT: 11.05 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BG044358.D
Acq: 10 Feb 2020 16:03

Tgt Ion:	225	Resp:	107582
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.2	75.4
227	68.2	50.8	76.2

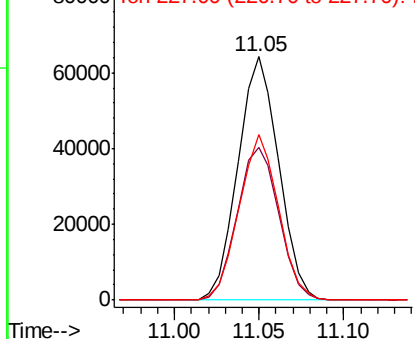
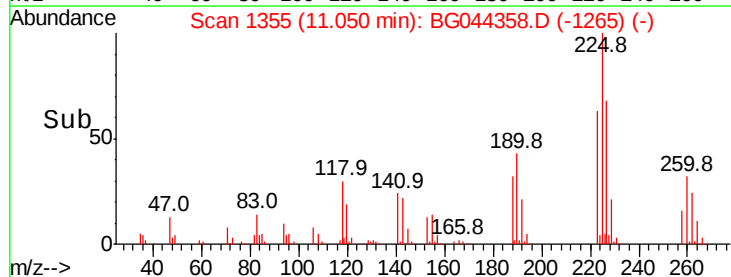


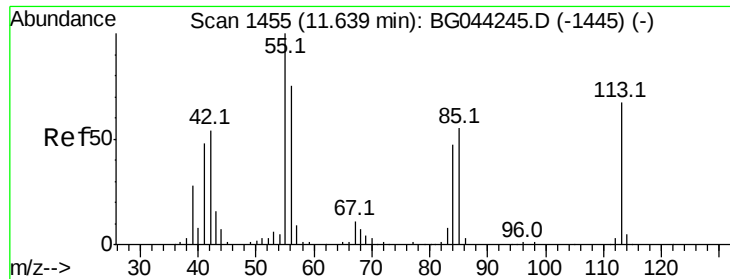
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 16.845 ng

RT: 11.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BG044358.D

Acq: 10 Feb 2020 16:03

Instrument :

BNA_G

ClientSampleId :

PB126601BSD

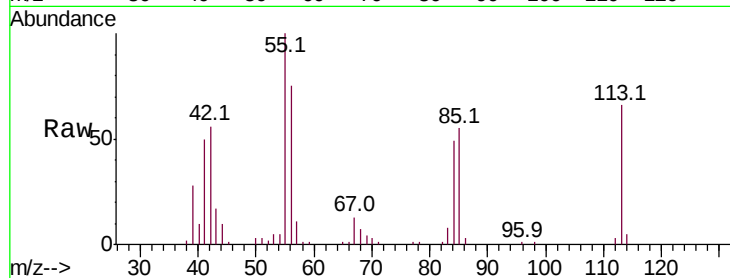
Tot Ion:113 Resp: 26861

Ion Ratio Lower Upper

113 100

55 151.7 129.9 169.9

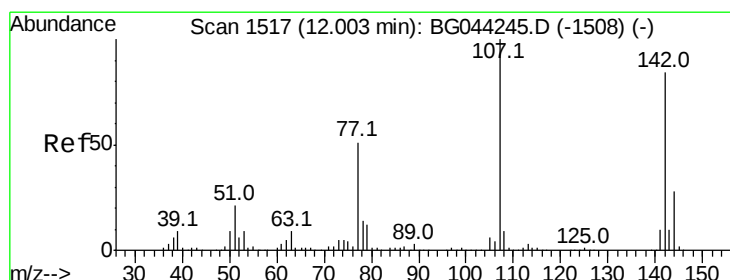
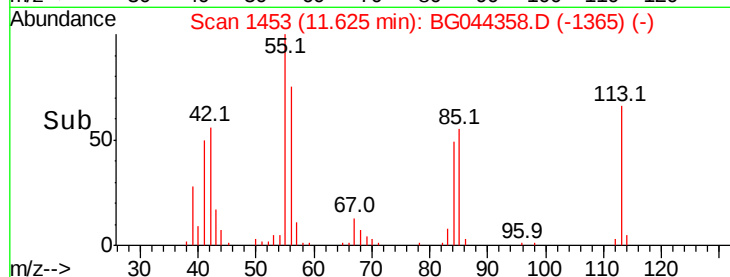
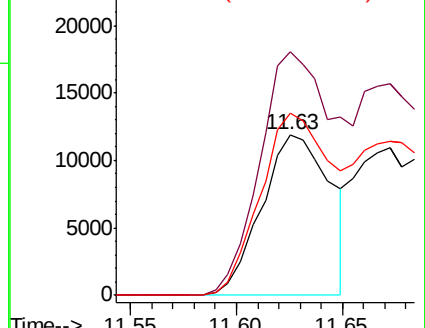
56 113.4 92.5 132.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 43.926 ng

RT: 12.00 min Scan# 1516

Delta R.T. 0.00 min

Lab File: BG044358.D

Acq: 10 Feb 2020 16:03

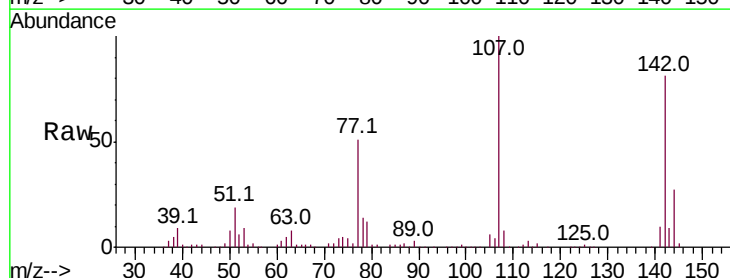
Tgt Ion:107 Resp: 200473

Ion Ratio Lower Upper

107 100

144 26.9 22.2 33.4

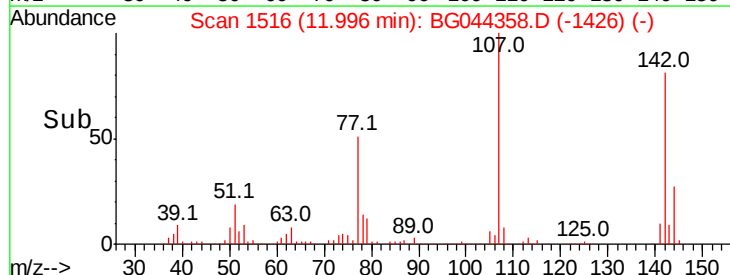
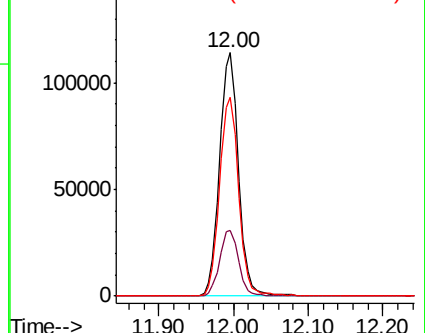
142 81.4 67.4 101.0

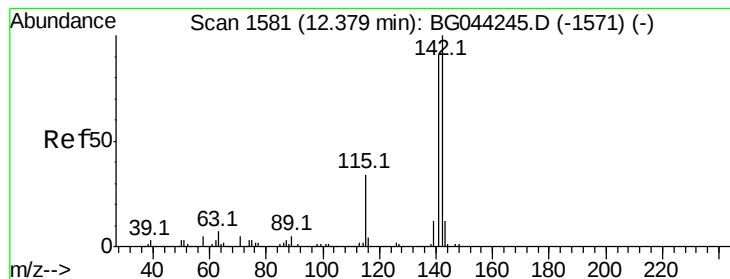


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.710 ng

RT: 12.37 min Scan# 1579

Delta R.T. 0.00 min

Lab File: BG044358.D

Acq: 10 Feb 2020 16:03

Instrument :

BNA_G

ClientSampleId :

PB126601BSD

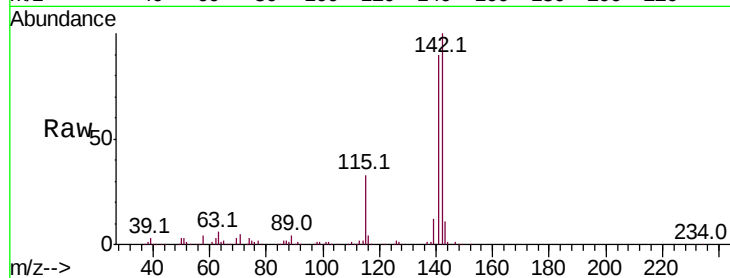
Tot Ion:142 Resp: 416814

Ion Ratio Lower Upper

142 100

141 90.1 73.2 109.8

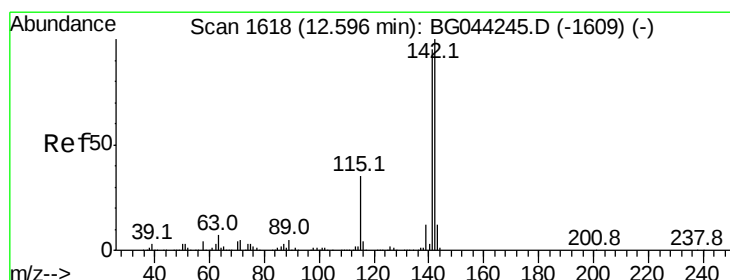
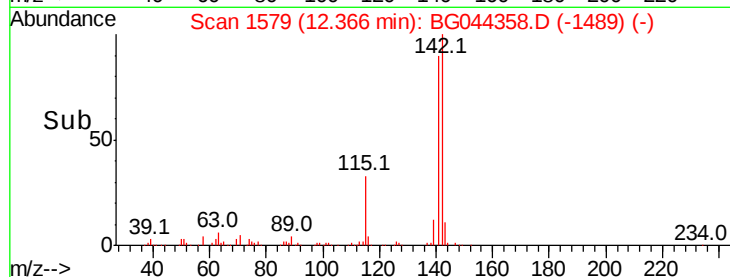
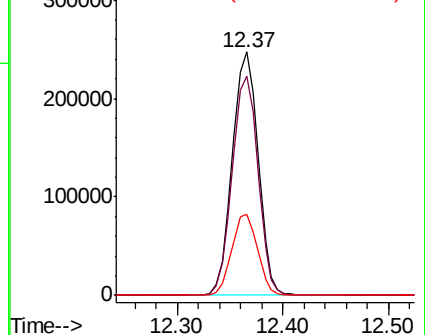
115 33.2 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.251 ng

RT: 12.58 min Scan# 1616

Delta R.T. 0.00 min

Lab File: BG044358.D

Acq: 10 Feb 2020 16:03

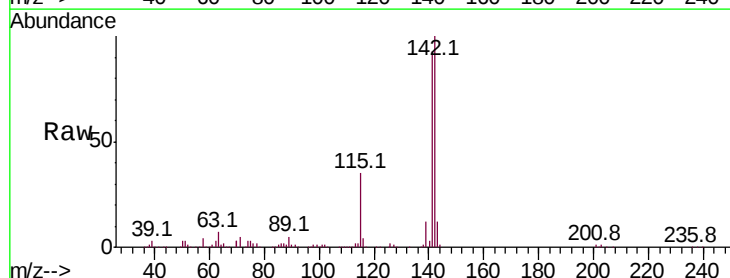
Tgt Ion:142 Resp: 398194

Ion Ratio Lower Upper

142 100

141 93.4 75.8 113.6

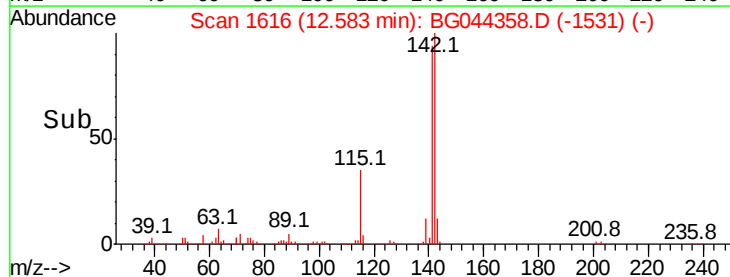
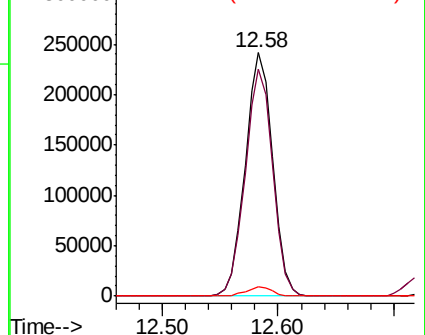
116 3.6 3.1 4.7

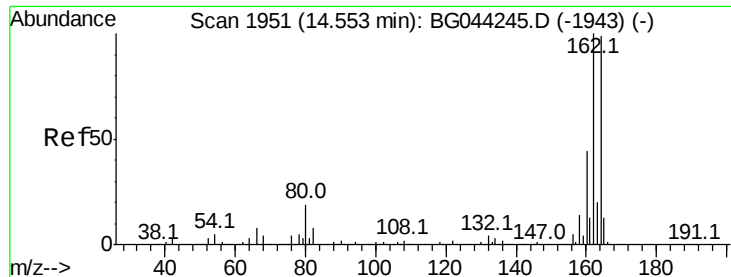


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.54 min Scan# 1949

Delta R.T. -0.01 min

Lab File: BG044358.D

Acq: 10 Feb 2020 16:03

Instrument :

BNA_G

ClientSampleId :

PB126601BSD

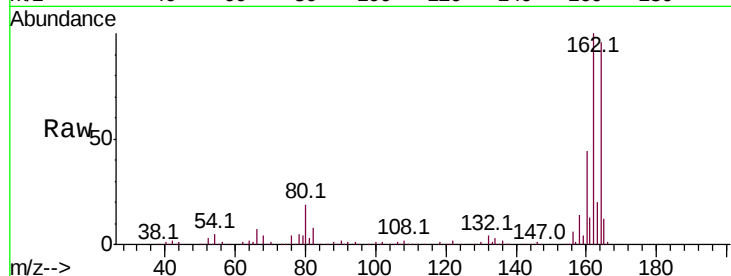
Tot Ion:164 Resp: 195303

Ion Ratio Lower Upper

164 100

162 104.6 80.7 121.1

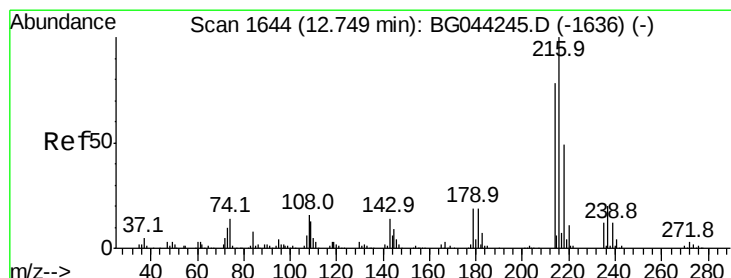
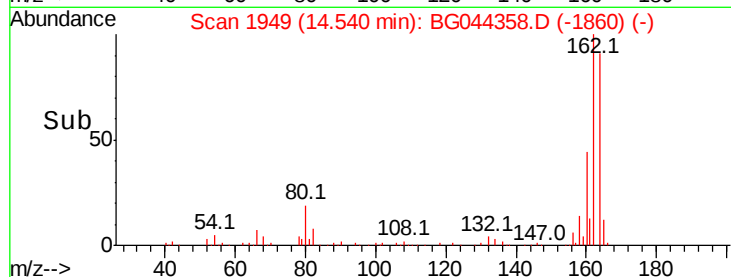
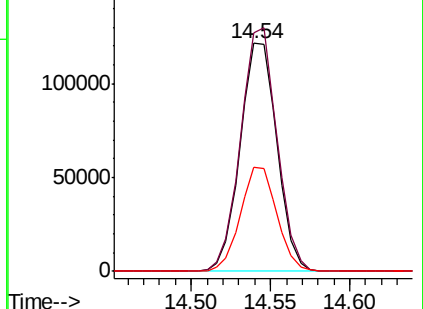
160 45.6 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.625 ng

RT: 12.74 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BG044358.D

Acq: 10 Feb 2020 16:03

Tgt Ion:216 Resp: 208129

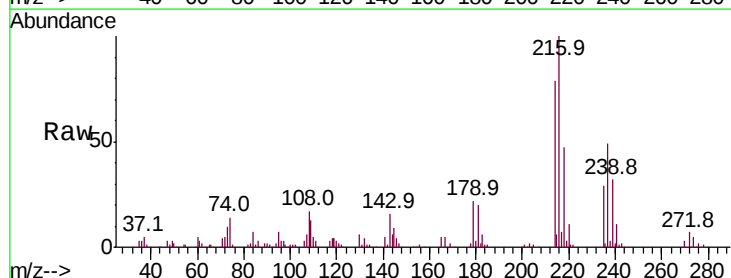
Ion Ratio Lower Upper

216 100

214 78.5 63.0 94.6

179 20.9 16.2 24.4

108 18.5 13.5 20.3

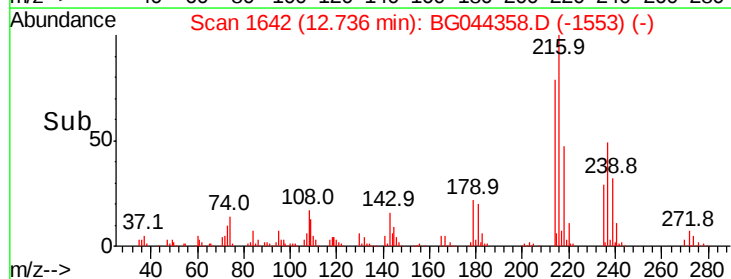
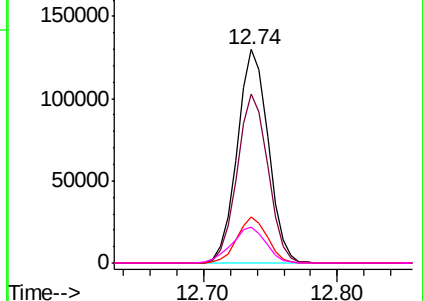


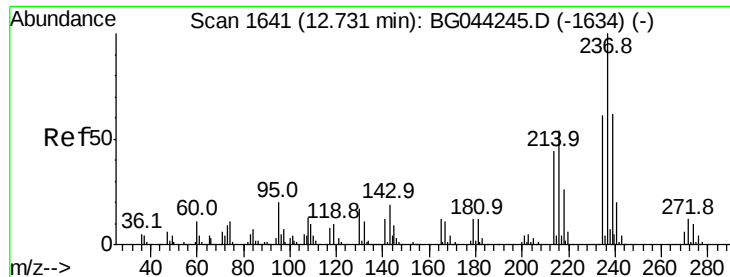
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 90.318 ng

RT: 12.72 min Scan# 1640

Delta R.T. 0.00 min

Lab File: BG044358.D

Acq: 10 Feb 2020 16:03

Instrument :

BNA_G

ClientSampleId :

PB126601BSD

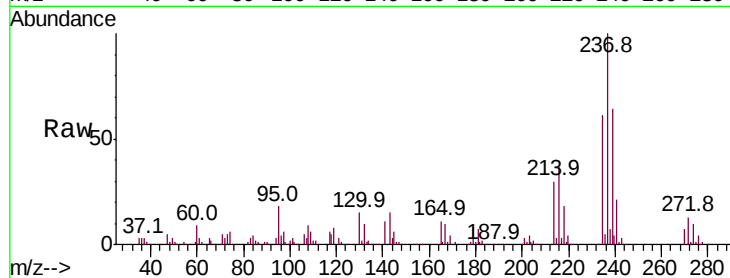
Tot Ion:237 Resp: 253182

Ion Ratio Lower Upper

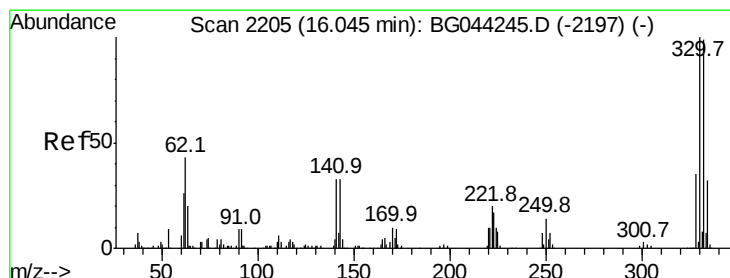
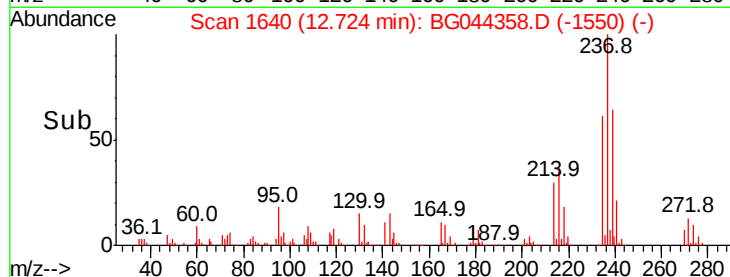
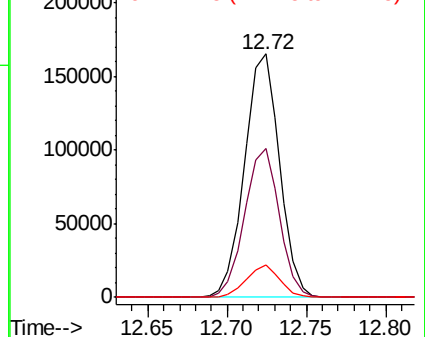
237 100

235 61.3 41.2 81.2

272 13.2 0.0 32.4



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: 122.504 ng

RT: 16.03 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BG044358.D

Acq: 10 Feb 2020 16:03

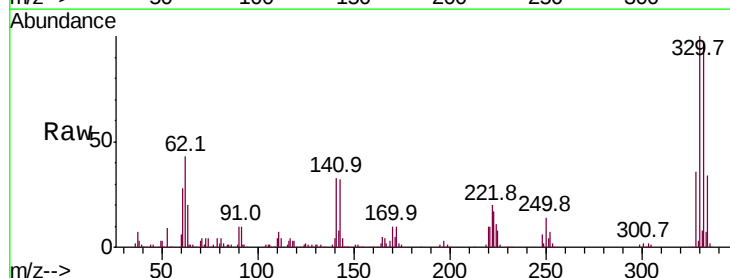
Tgt Ion:330 Resp: 280870

Ion Ratio Lower Upper

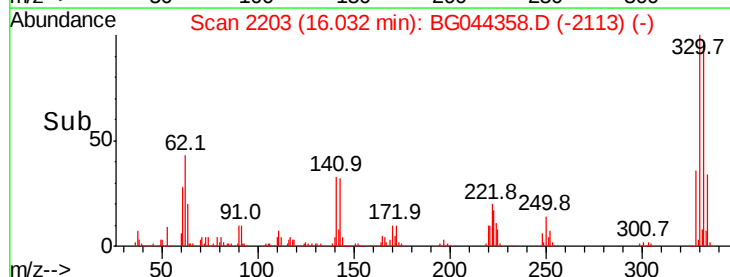
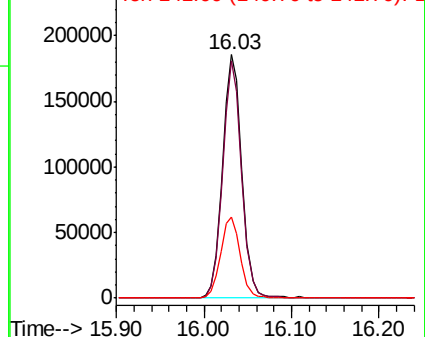
330 100

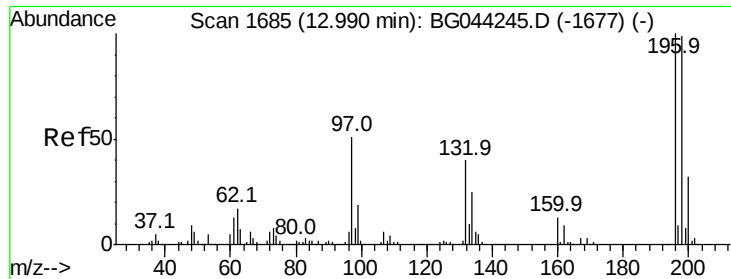
332 95.4 77.2 115.8

141 34.2 28.3 42.5



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

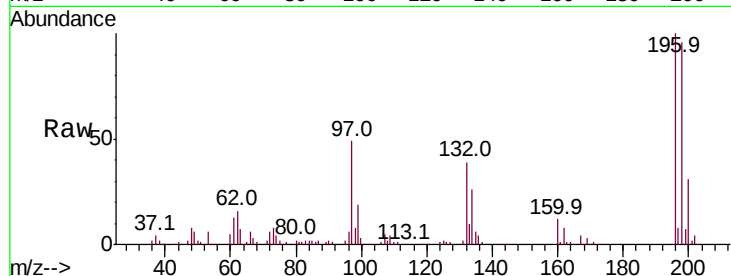




#43
 2,4,6-Trichlorophenol
 Concen: 40.028 ng
 RT: 12.98 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: BG044358.D
 Acq: 10 Feb 2020 16:03

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.2	79.3	118.9
200	31.2	25.7	38.5

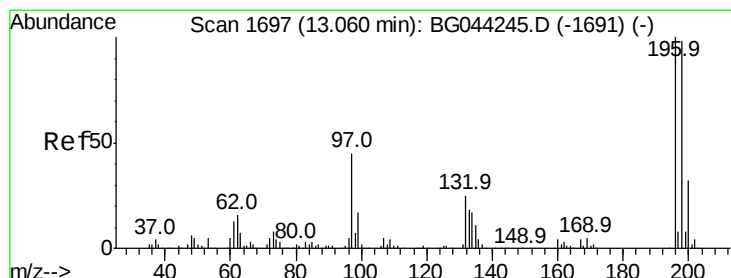
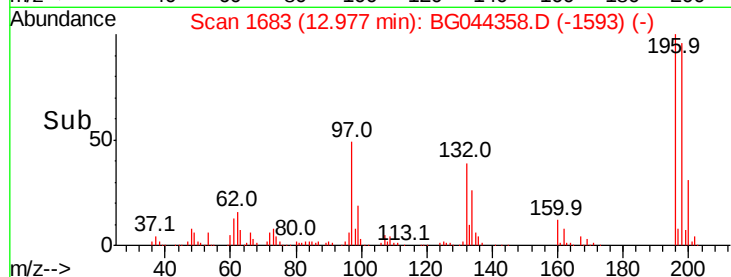
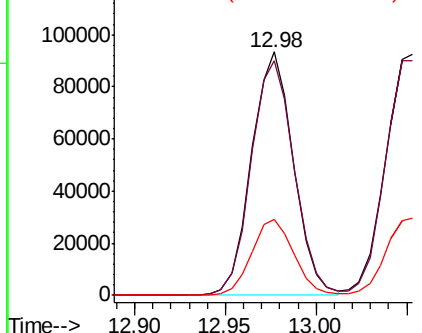


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 42.518 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. 0.00 min
 Lab File: BG044358.D
 Acq: 10 Feb 2020 16:03

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.0	78.2	117.2
97	44.6	36.2	54.4
132	25.7	20.2	30.4

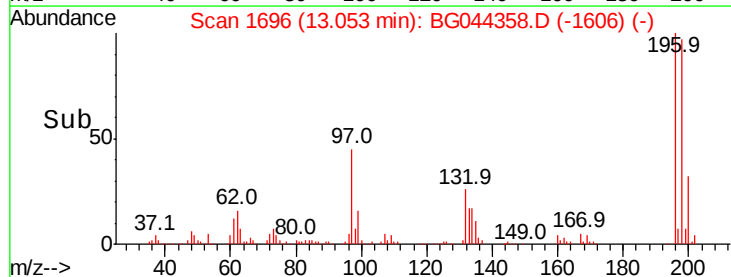
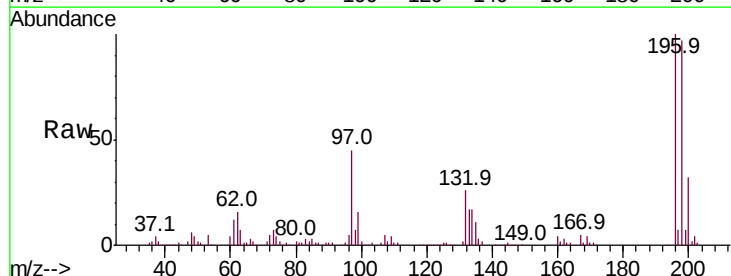
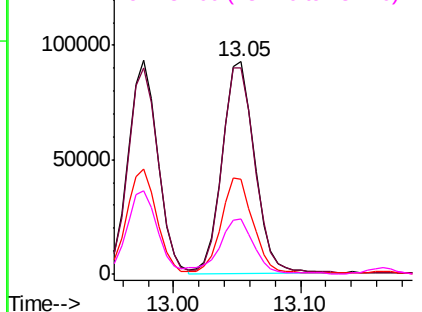
Abundance

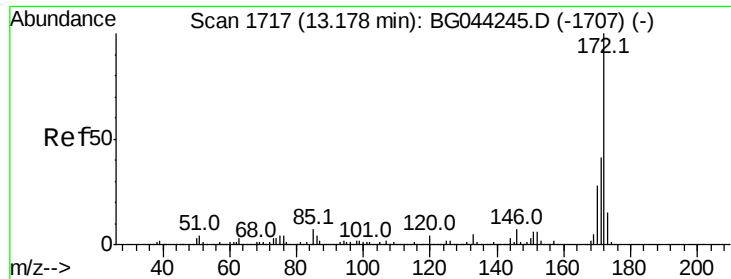
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

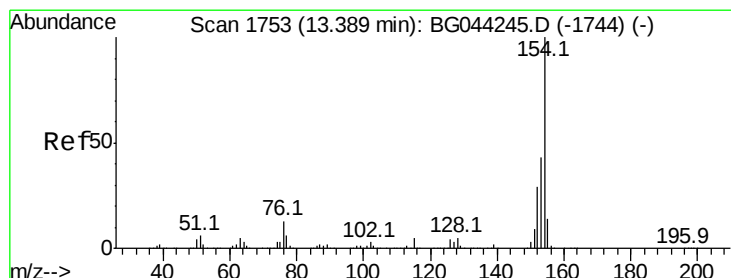
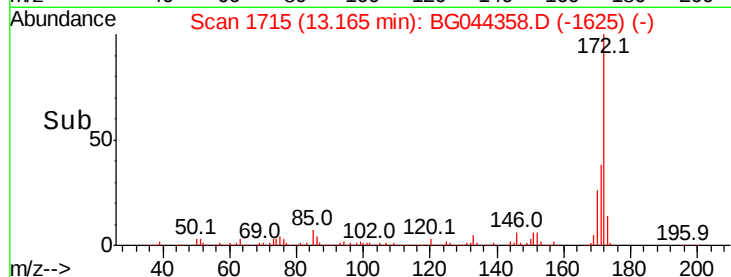
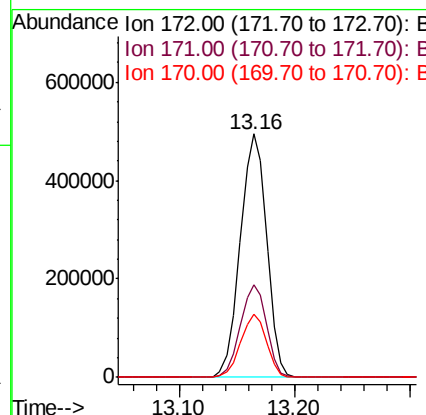
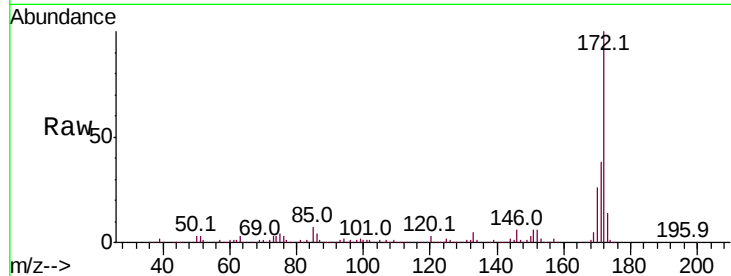




#45
2-Fluorobiphenyl
Concen: 67.147 ng
RT: 13.16 min Scan# 1715
Delta R.T. 0.00 min
Lab File: BG044358.D
Acq: 10 Feb 2020 16:03

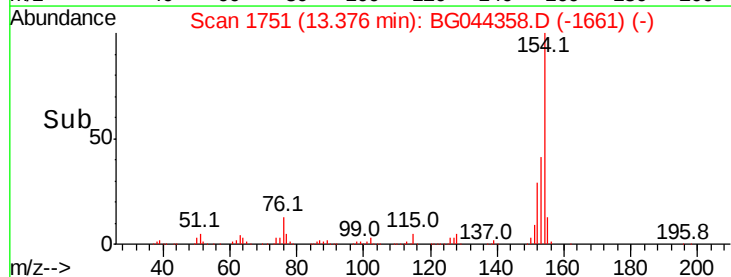
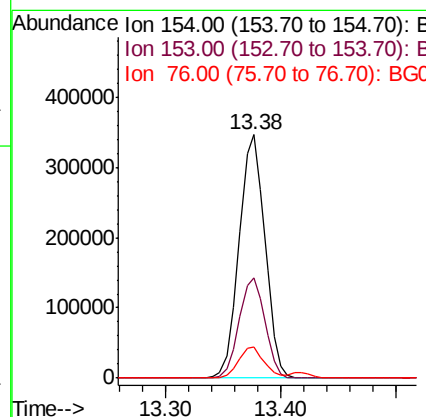
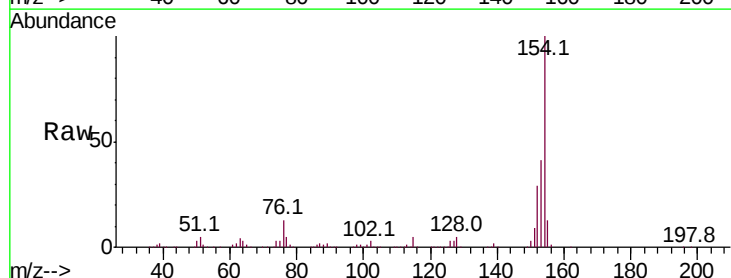
Instrument :
BNA_G
ClientSampleId :
PB126601BSD

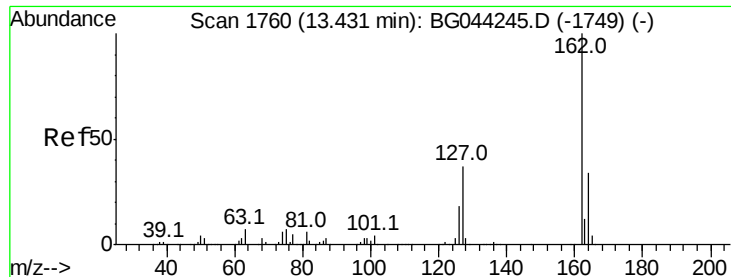
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	32.9	49.3
170	26.2	22.0	33.0



#46
1,1'-Biphenyl
Concen: 38.065 ng
RT: 13.38 min Scan# 1751
Delta R.T. 0.00 min
Lab File: BG044358.D
Acq: 10 Feb 2020 16:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	22.7	62.7
76	12.6	0.0	32.9

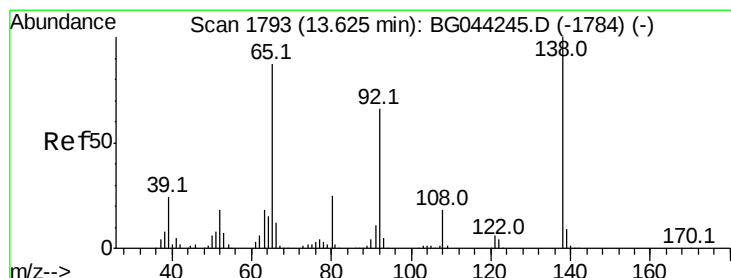
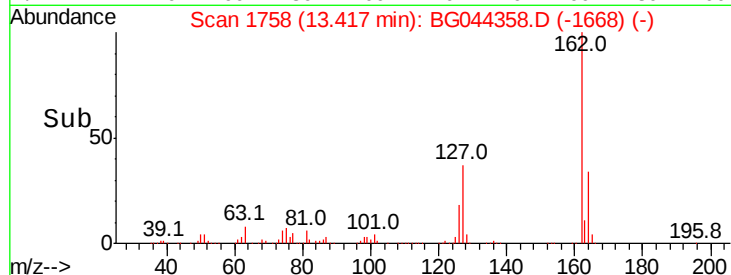
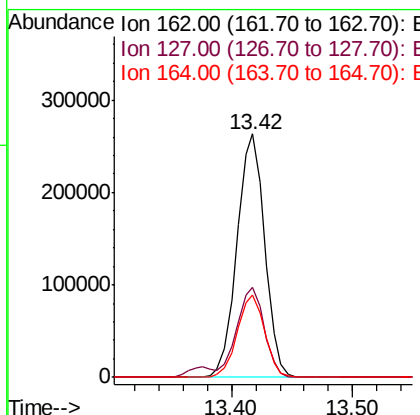
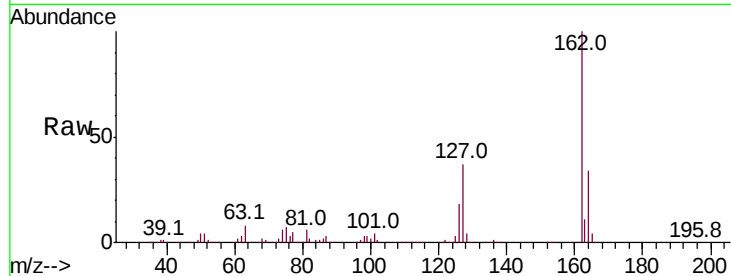




#47
 2-Chloronaphthalene
 Concen: 37.491 ng
 RT: 13.42 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: BG044358.D
 Acq: 10 Feb 2020 16:03

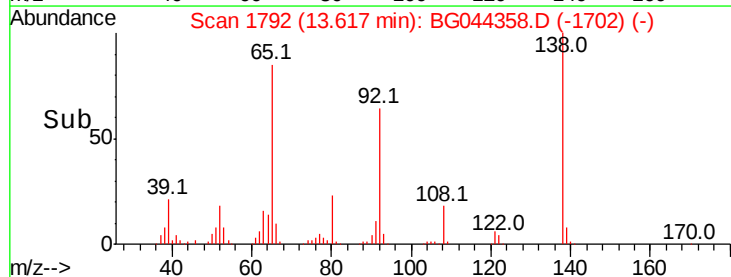
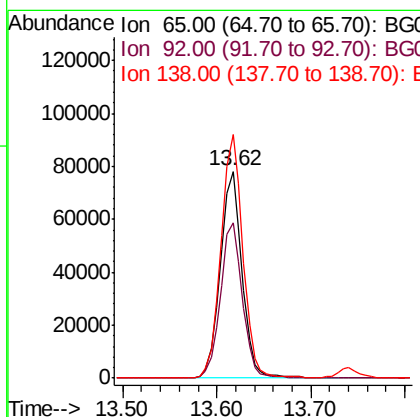
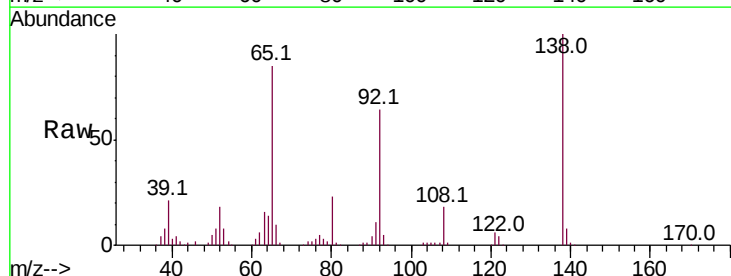
Instrument :
 BNA_G
 ClientSampleId :
 PB126601BSD

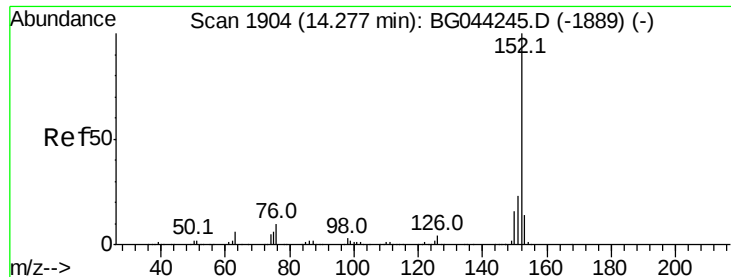
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.8	30.0	45.0
164	33.9	27.2	40.8



#48
 2-Nitroaniline
 Concen: 37.979 ng
 RT: 13.62 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: BG044358.D
 Acq: 10 Feb 2020 16:03

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.0	60.3	90.5
138	117.9	91.9	137.9





#49

Acenaphthylene

Concen: 41.395 ng

RT: 14.26 min Scan# 1902

Delta R.T. 0.00 min

Lab File: BG044358.D

Acq: 10 Feb 2020 16:03

Instrument :

BNA_G

ClientSampleId :

PB126601BSD

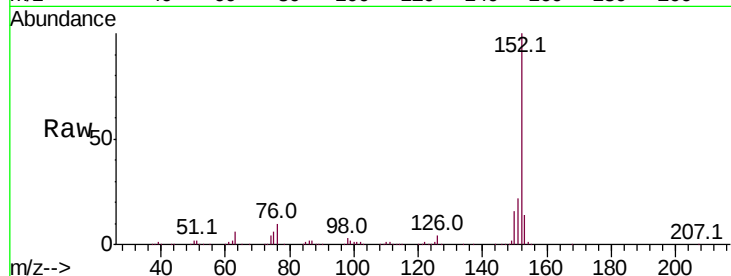
Tot Ion:152 Resp: 680630

Ion Ratio Lower Upper

152 100

151 22.0 18.1 27.1

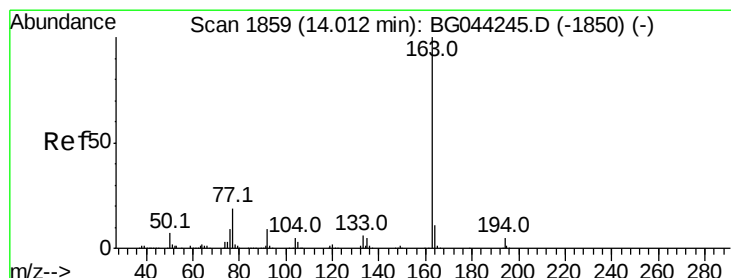
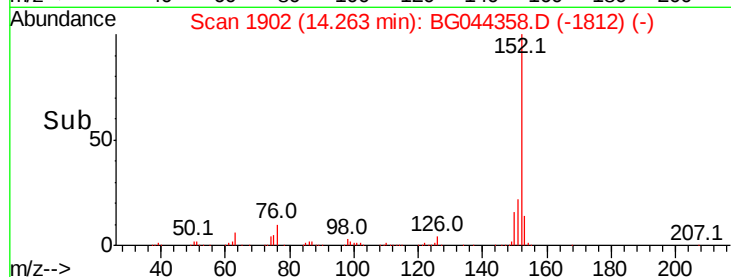
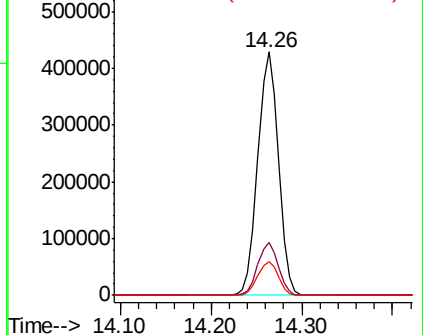
153 14.0 11.5 17.3



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: 40.357 ng

RT: 14.00 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BG044358.D

Acq: 10 Feb 2020 16:03

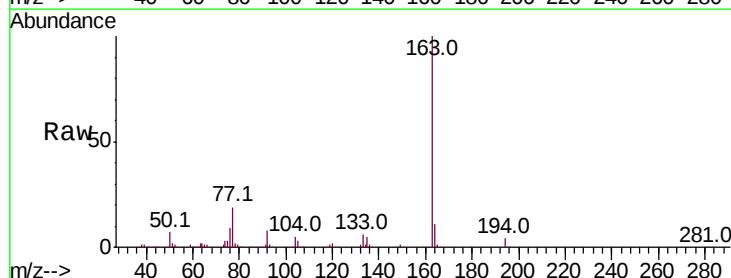
Tgt Ion:163 Resp: 566567

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

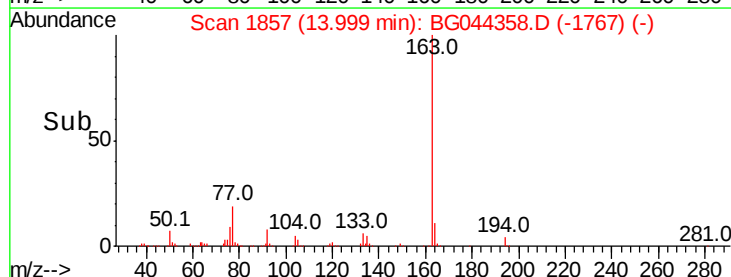
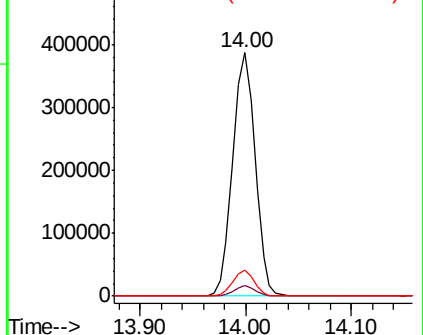
164 10.6 8.7 13.1

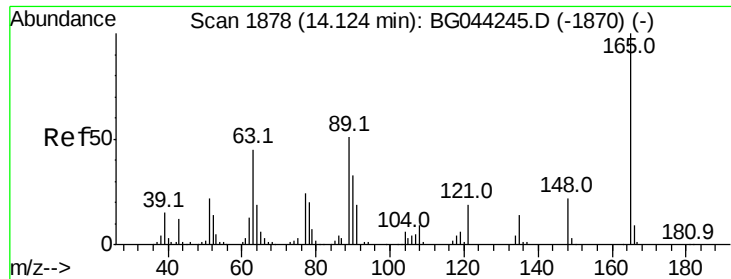


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

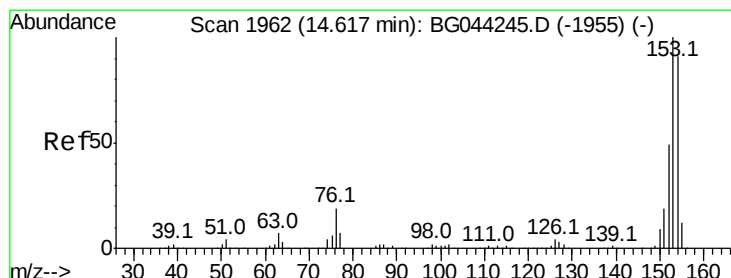
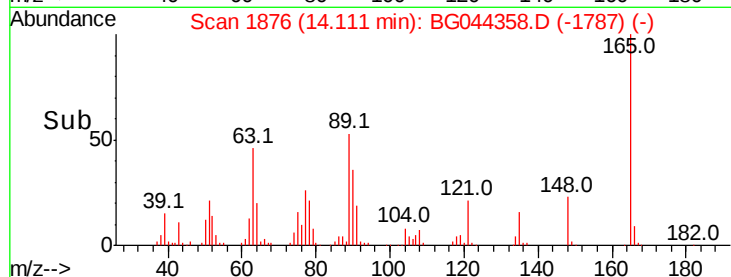
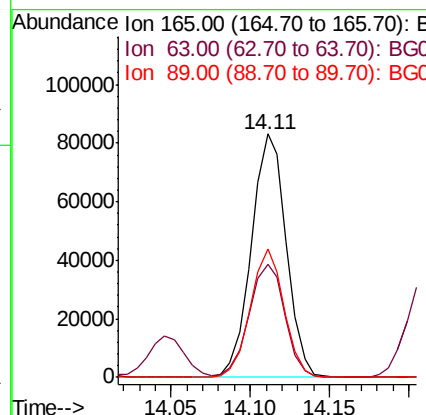
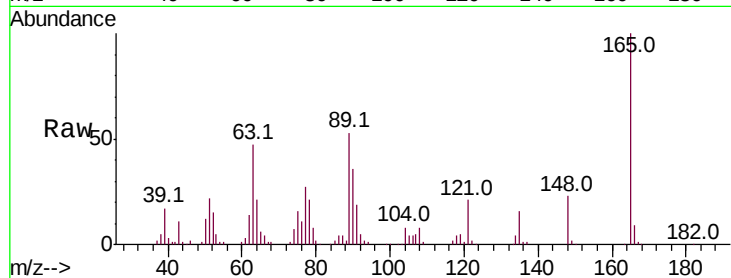




#51
 2,6-Dinitrotoluene
 Concen: 40.425 ng
 RT: 14.11 min Scan# 1876
 Delta R.T. -0.01 min
 Lab File: BG044358.D
 Acq: 10 Feb 2020 16:03

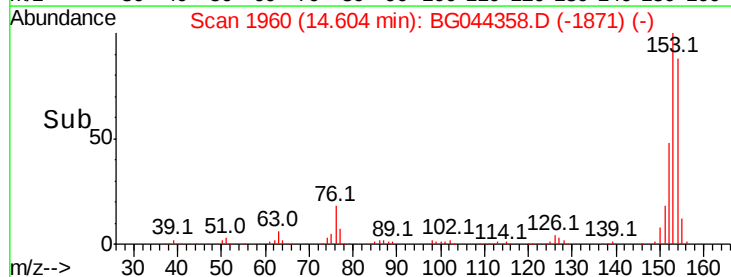
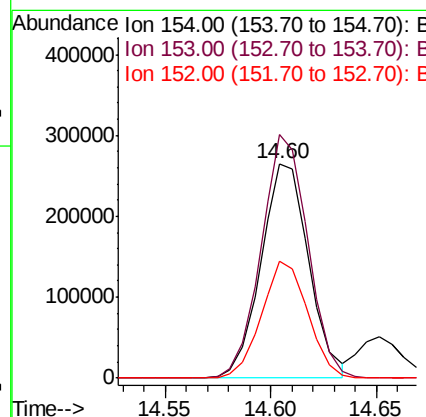
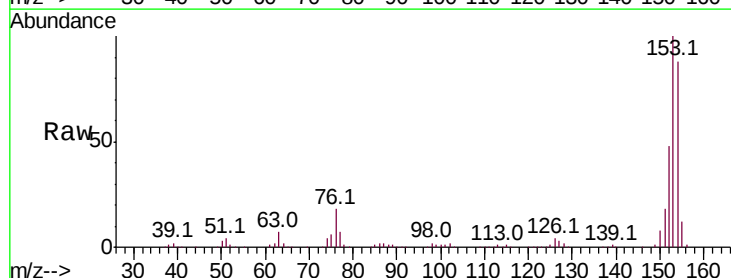
Instrument :
 BNA_G
 ClientSampleId :
 PB126601BSD

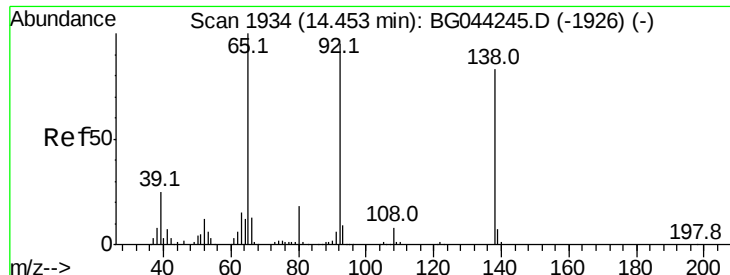
Tot Ion:165 Resp: 126540
 Ion Ratio Lower Upper
 165 100
 63 46.6 38.7 58.1
 89 52.6 40.4 60.6



#52
 Acenaphthene
 Concen: 39.103 ng
 RT: 14.60 min Scan# 1960
 Delta R.T. -0.01 min
 Lab File: BG044358.D
 Acq: 10 Feb 2020 16:03

Tgt Ion:154 Resp: 416735
 Ion Ratio Lower Upper
 154 100
 153 113.4 87.9 131.9
 152 54.2 43.1 64.7





#53

3-Nitroaniline

Concen: 27.041 ng

RT: 14.44 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG044358.D

Acq: 10 Feb 2020 16:03

Instrument :

BNA_G

ClientSampleId :

PB126601BSD

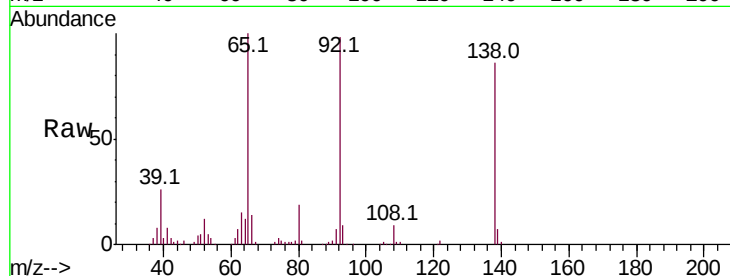
Tot Ion:138 Resp: 93646

Ion Ratio Lower Upper

138 100

108 10.0 7.9 11.9

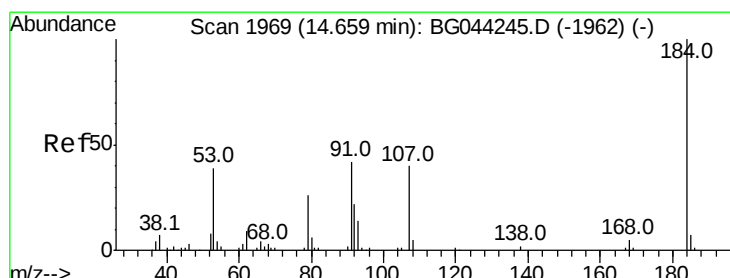
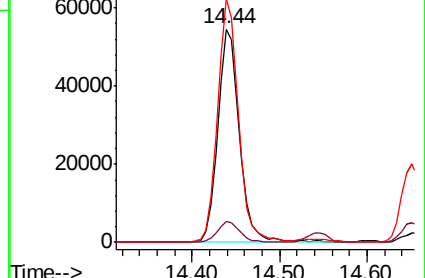
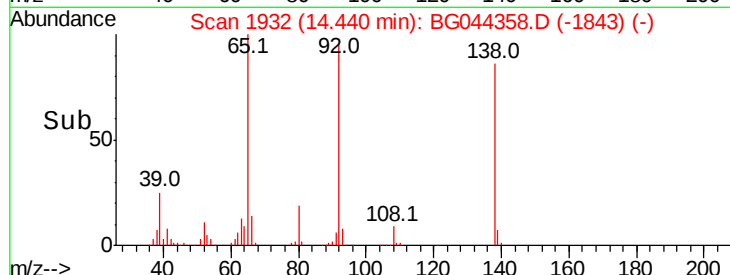
92 114.1 91.0 136.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 81.412 ng

RT: 14.65 min Scan# 1968

Delta R.T. 0.00 min

Lab File: BG044358.D

Acq: 10 Feb 2020 16:03

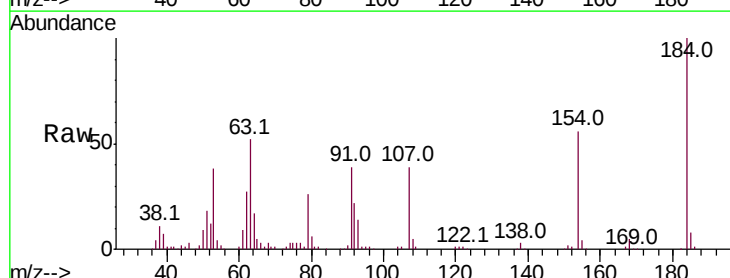
Tgt Ion:184 Resp: 151277

Ion Ratio Lower Upper

184 100

63 52.5 44.1 66.1

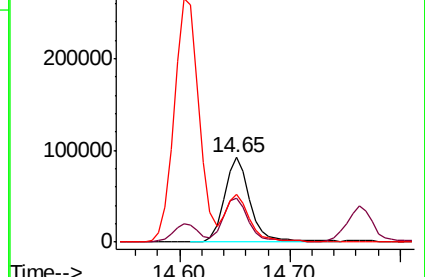
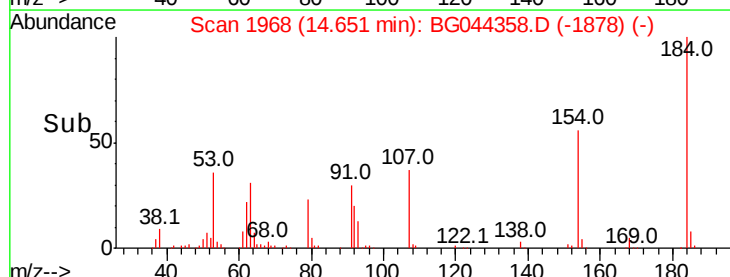
154 56.0 45.4 68.0

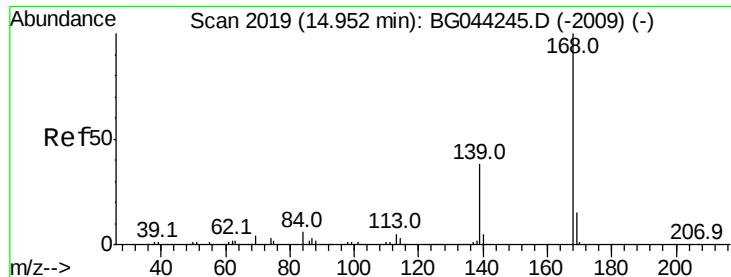


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

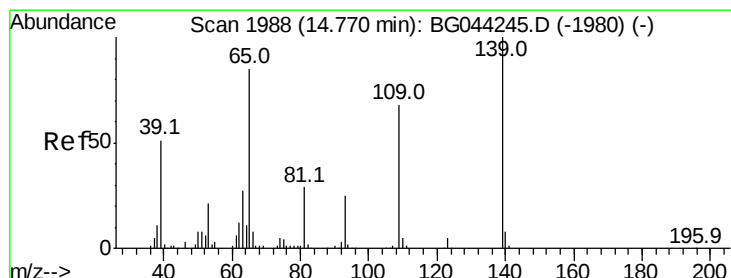
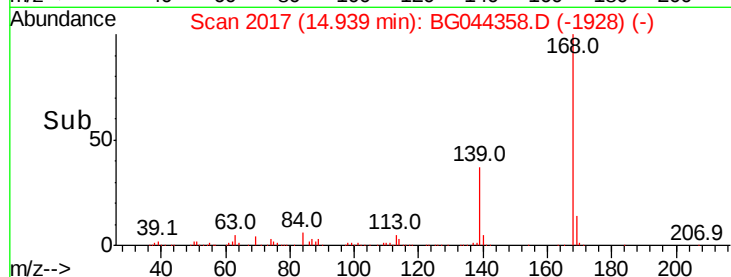
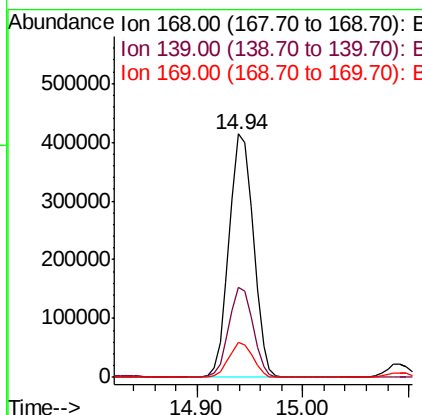
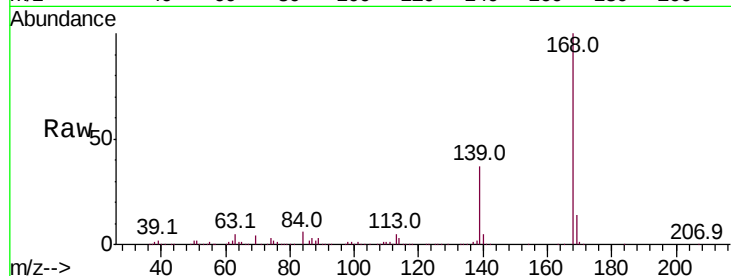




#55
Dibenzenofuran
Concen: 40.857 ng
RT: 14.94 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BG044358.D
Acq: 10 Feb 2020 16:03

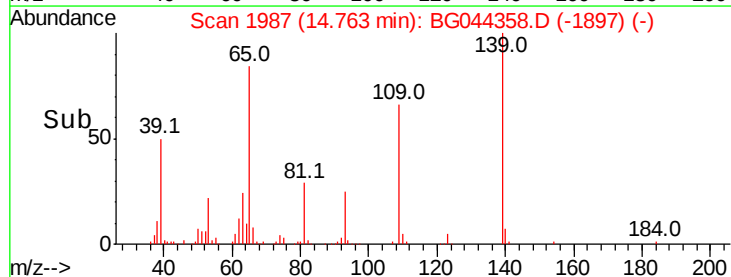
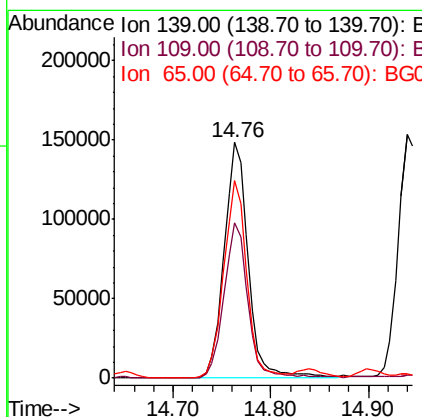
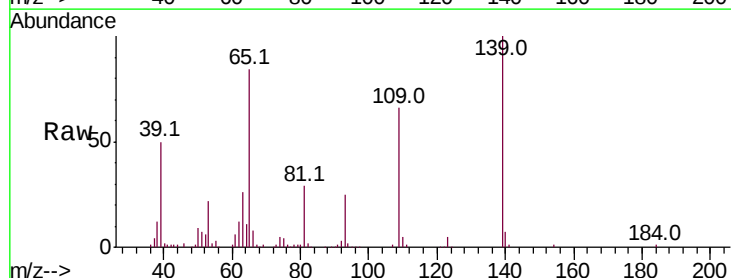
Instrument :
BNA_G
ClientSampleId :
PB126601BSD

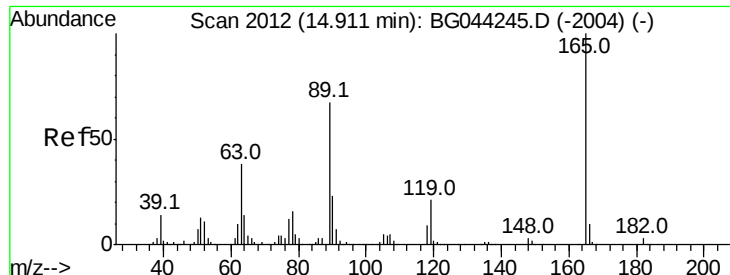
Tot Ion:168 Resp: 659258
Ion Ratio Lower Upper
168 100
139 37.0 30.5 45.7
169 14.3 11.7 17.5



#56
4-Nitrophenol
Concen: 100.130 ng
RT: 14.76 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BG044358.D
Acq: 10 Feb 2020 16:03

Tgt Ion:139 Resp: 254004
Ion Ratio Lower Upper
139 100
109 66.0 47.5 87.5
65 83.7 64.9 104.9

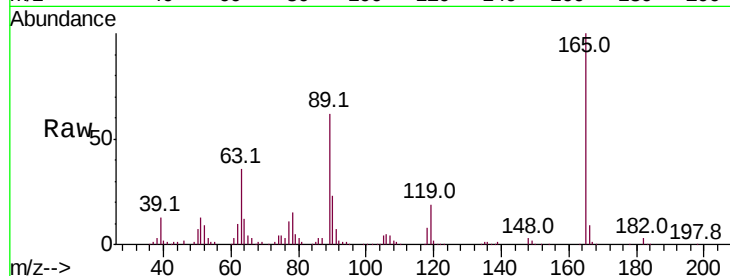




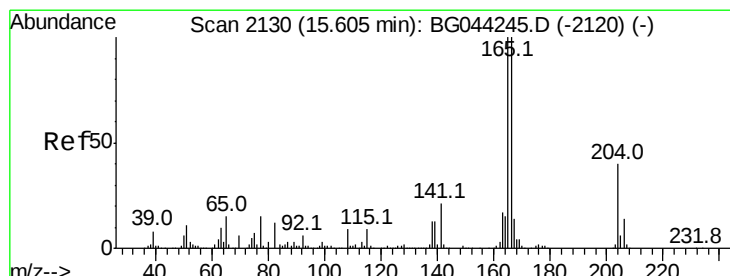
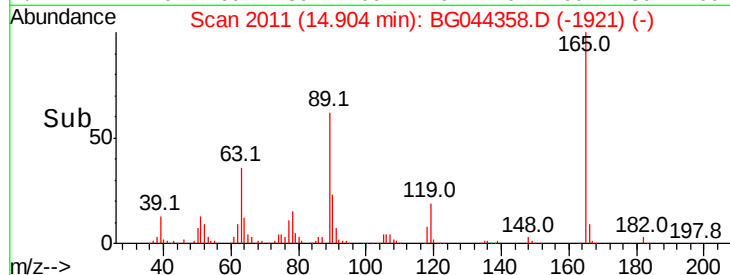
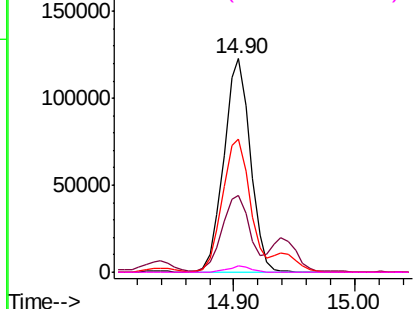
#57
2,4-Dinitrotoluene
Concen: 42.528 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG044358.D
Acq: 10 Feb 2020 16:03

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion:165 Resp: 186582
Ion Ratio Lower Upper
165 100
63 36.2 30.3 45.5
89 62.5 53.4 80.2
182 3.1 2.1 3.1

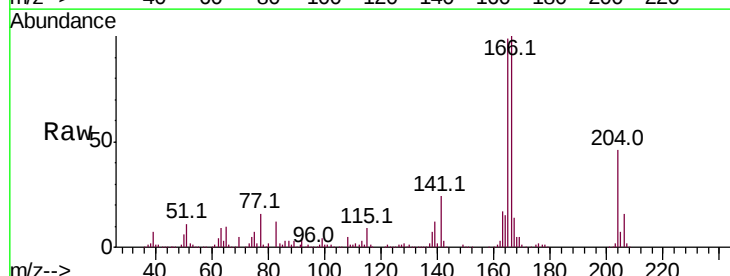


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

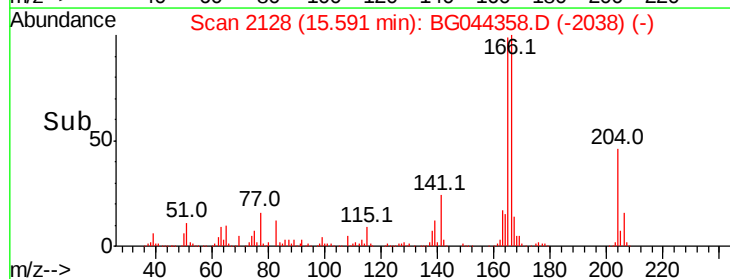
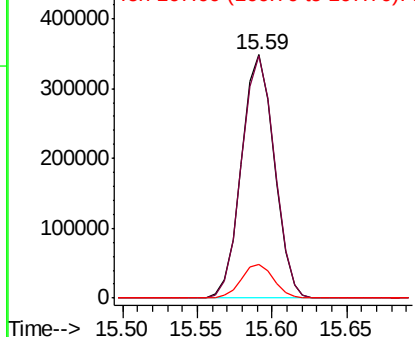


#58
Fluorene
Concen: 41.808 ng
RT: 15.59 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BG044358.D
Acq: 10 Feb 2020 16:03

Tgt Ion:166 Resp: 531335
Ion Ratio Lower Upper
166 100
165 99.4 79.9 119.9
167 14.1 11.4 17.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

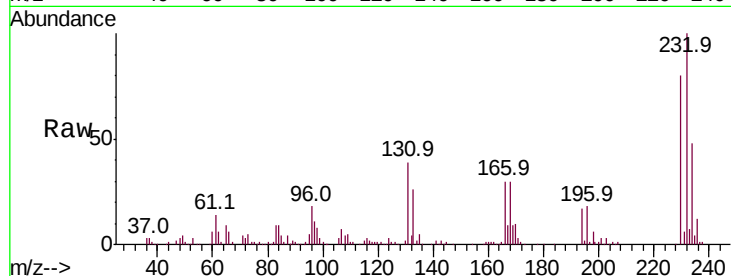




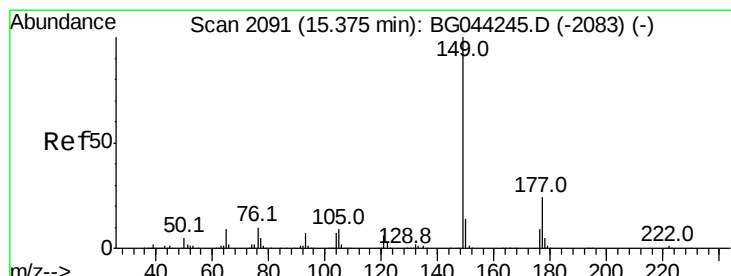
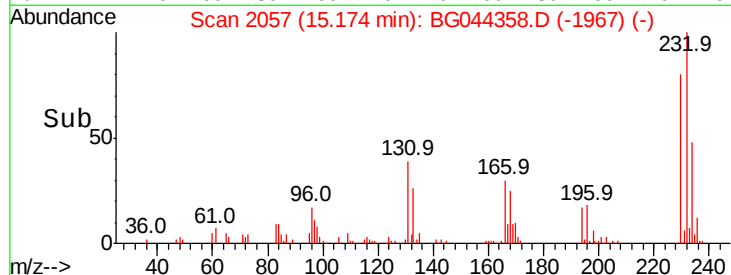
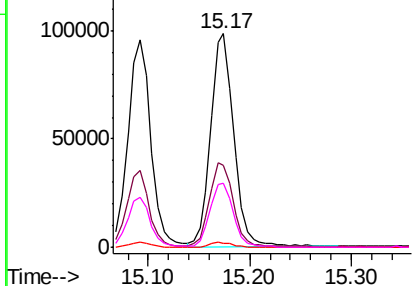
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.569 ng
 RT: 15.17 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: BG044358.D
 Acq: 10 Feb 2020 16:03

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BSD

Tot Ion:232 Resp: 155274
 Ion Ratio Lower Upper
 232 100
 131 41.4 34.2 51.4
 130 2.3 1.8 2.8
 166 30.2 23.8 35.8

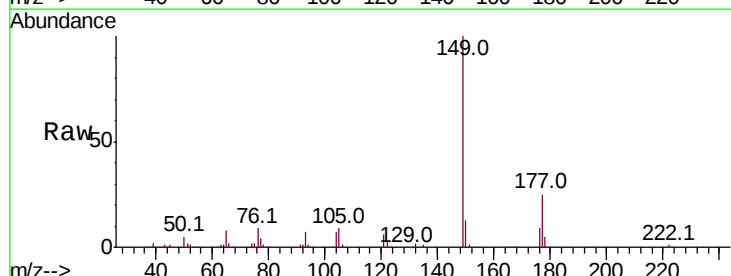


Abundance Ion 232.00 (231.70 to 232.70): E
 150000 Ion 131.00 (130.70 to 131.70): E
 100000 Ion 130.00 (129.70 to 130.70): E
 50000 Ion 166.00 (165.70 to 166.70): E

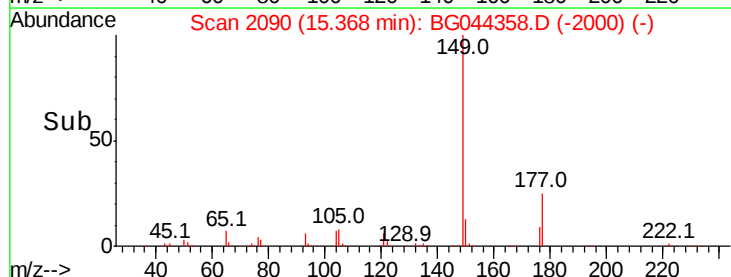
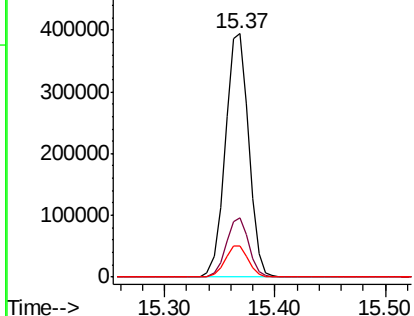


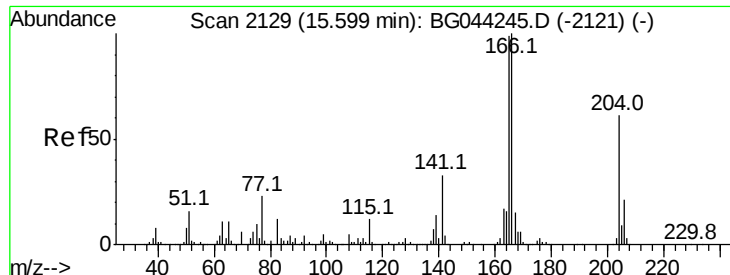
#60
 Diethylphthalate
 Concen: 41.693 ng
 RT: 15.37 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: BG044358.D
 Acq: 10 Feb 2020 16:03

Tgt Ion:149 Resp: 583228
 Ion Ratio Lower Upper
 149 100
 177 24.5 19.4 29.0
 150 12.9 10.9 16.3



Abundance Ion 149.00 (148.70 to 149.70): E
 500000 Ion 177.00 (176.70 to 177.70): E
 400000 Ion 150.00 (149.70 to 150.70): E

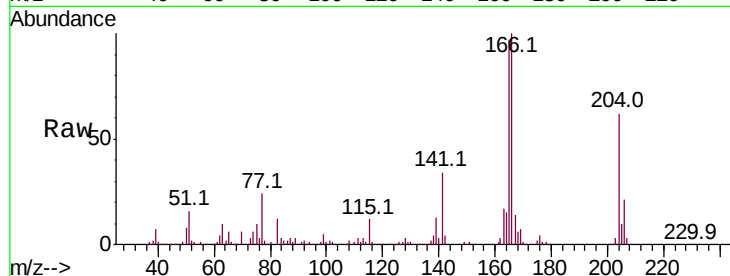




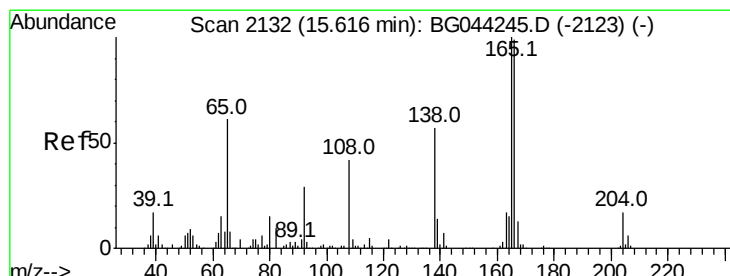
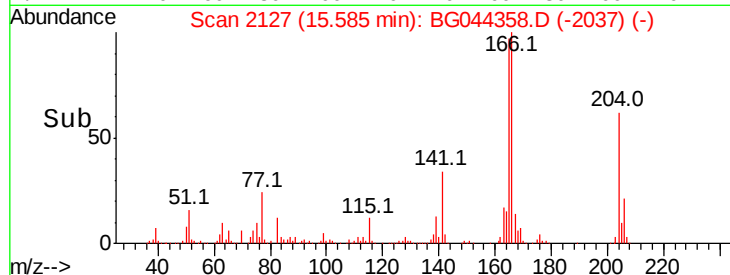
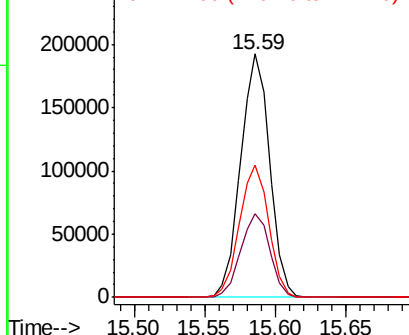
#61
 4-Chlorophenyl-phenylether
 Concen: 40.004 ng
 RT: 15.59 min Scan# 2127
 Delta R.T. 0.00 min
 Lab File: BG044358.D
 Acq: 10 Feb 2020 16:03

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.3	27.6	41.4
141	54.5	43.4	65.0

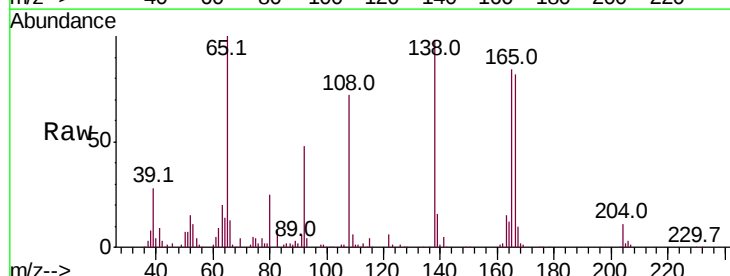


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

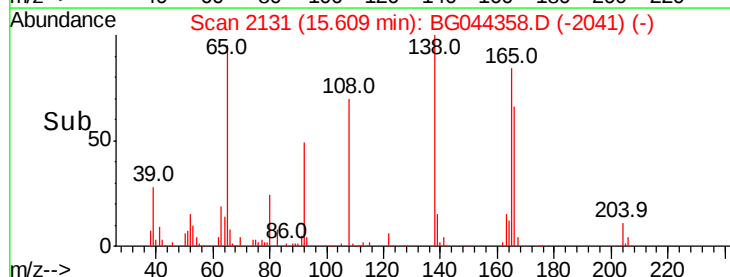
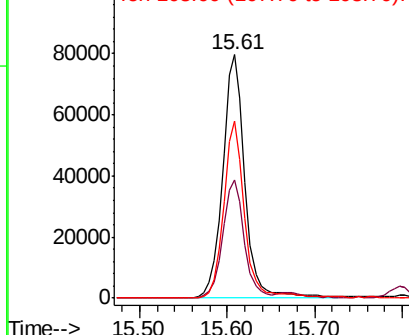


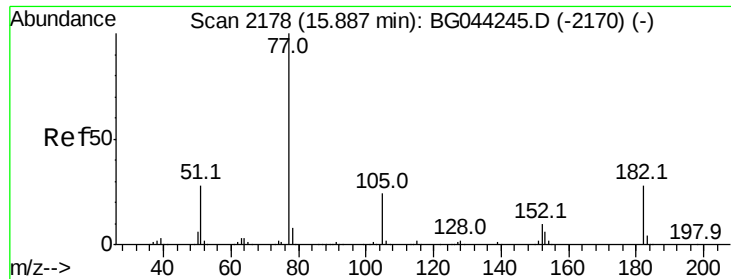
#62
 4-Nitroaniline
 Concen: 40.310 ng
 RT: 15.61 min Scan# 2131
 Delta R.T. 0.00 min
 Lab File: BG044358.D
 Acq: 10 Feb 2020 16:03

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.7	31.3	71.3
108	72.8	52.6	92.6



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





#63

Azobenzene

Concen: 41.417 ng

RT: 15.88 min Scan# 2177

Delta R.T. 0.00 min

Lab File: BG044358.D

Acq: 10 Feb 2020 16:03

Instrument :

BNA_G

ClientSampleId :

PB126601BSD

Tot Ion: 77 Resp: 507779

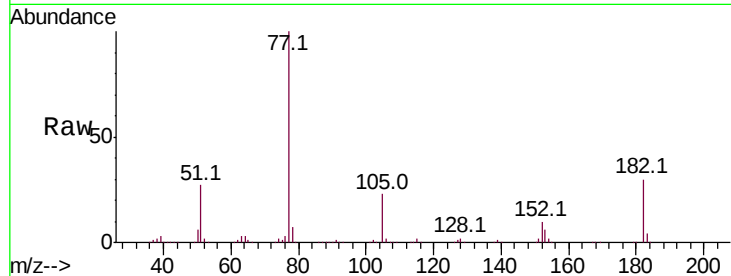
Ion Ratio Lower Upper

77 100

182 29.7 8.2 48.2

105 23.1 3.6 43.6

51 27.0 8.3 48.3

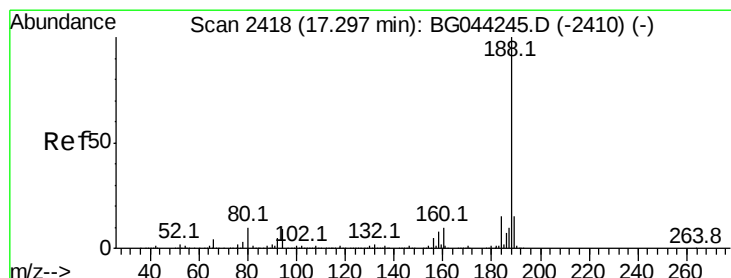
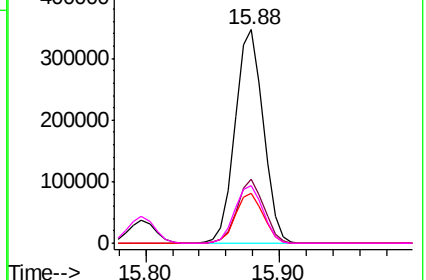
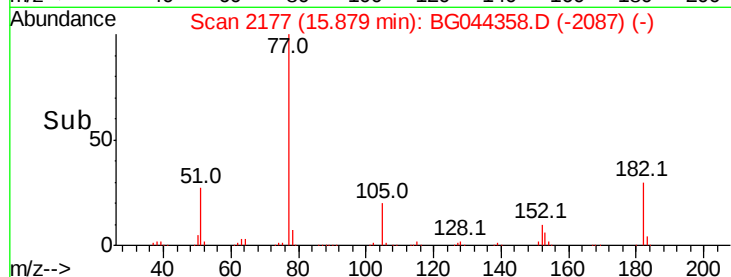


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.29 min Scan# 2417

Delta R.T. 0.00 min

Lab File: BG044358.D

Acq: 10 Feb 2020 16:03

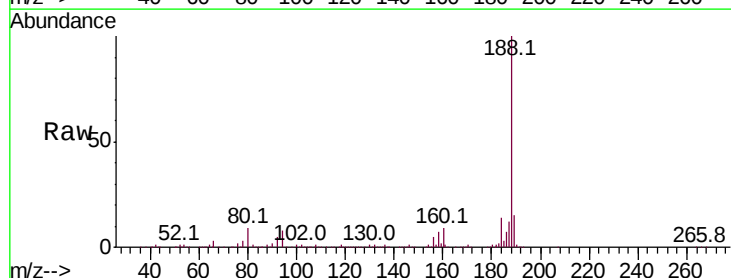
Tgt Ion: 188 Resp: 478365

Ion Ratio Lower Upper

188 100

94 8.4 7.4 11.2

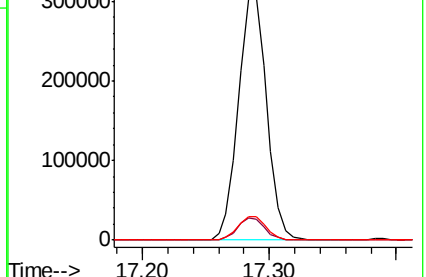
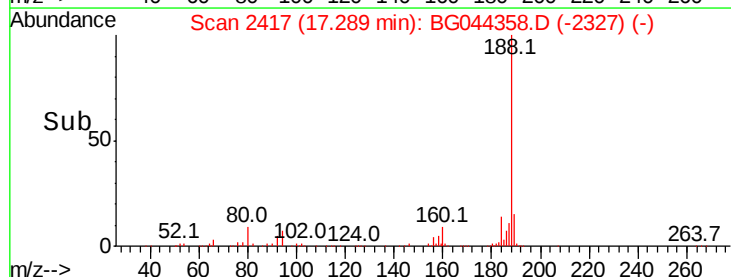
80 9.4 7.7 11.5

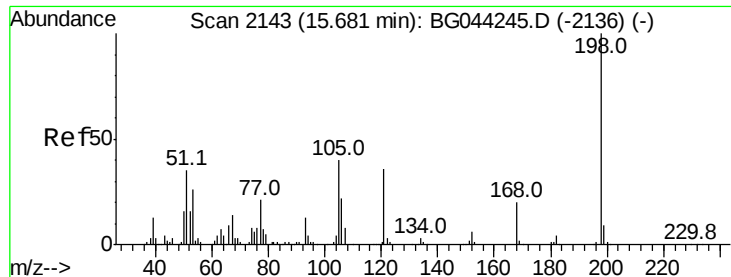


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 44.539 ng

RT: 15.67 min Scan# 2141

Delta R.T. -0.01 min

Lab File: BG044358.D

Acq: 10 Feb 2020 16:03

Instrument :

BNA_G

ClientSampleId :

PB126601BSD

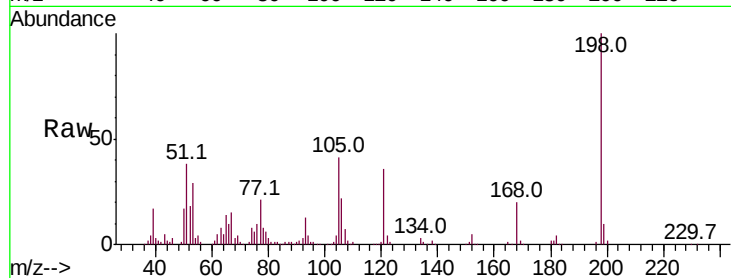
Tot Ion:198 Resp: 117607

Ion Ratio Lower Upper

198 100

51 37.8 16.6 56.6

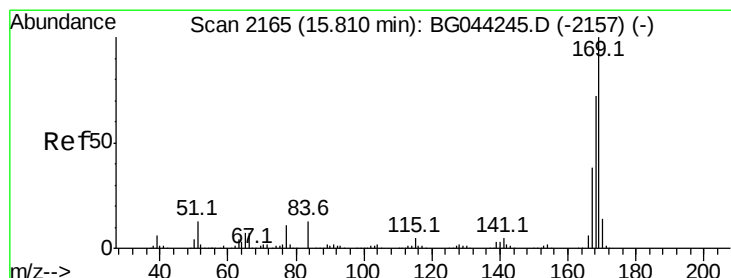
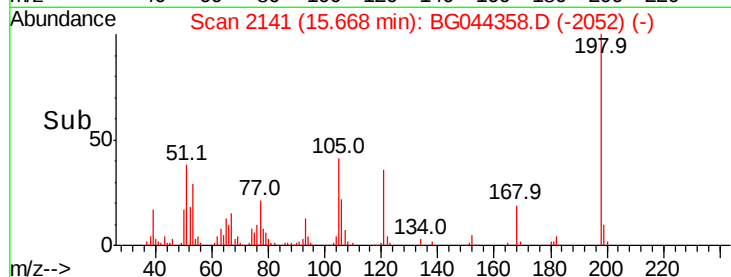
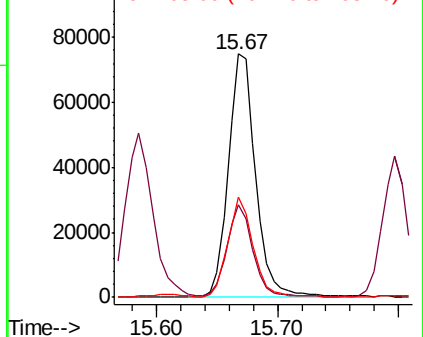
105 41.0 20.6 60.6



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: 37.838 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BG044358.D

Acq: 10 Feb 2020 16:03

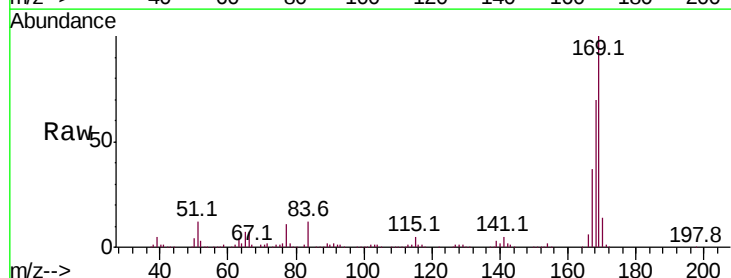
Tgt Ion:169 Resp: 507249

Ion Ratio Lower Upper

169 100

168 70.3 57.9 86.9

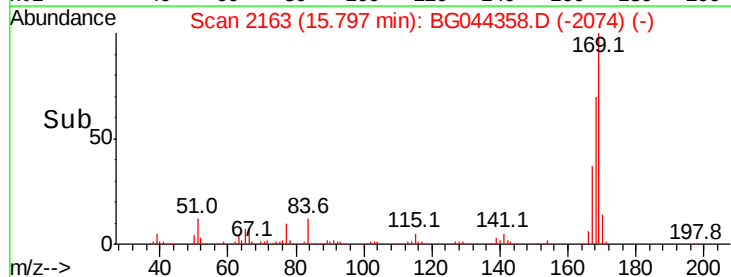
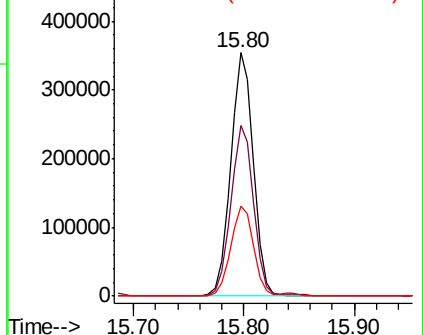
167 37.1 30.7 46.1

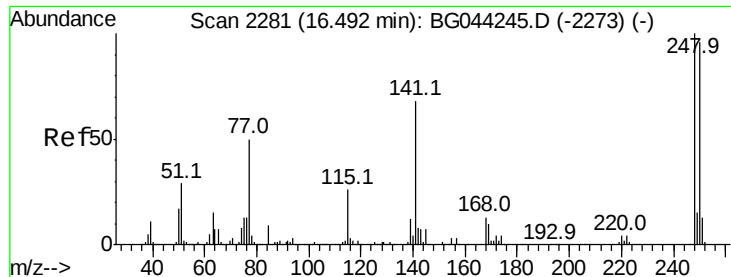


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

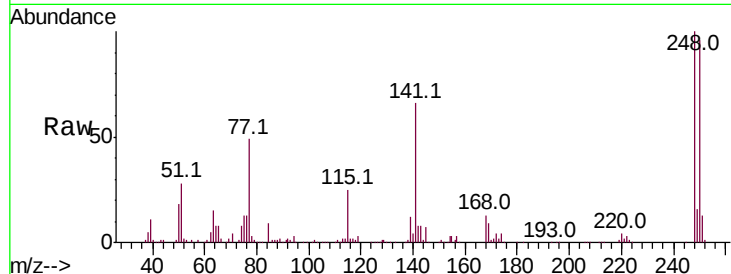




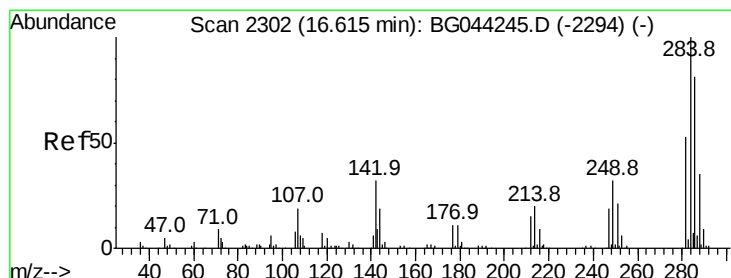
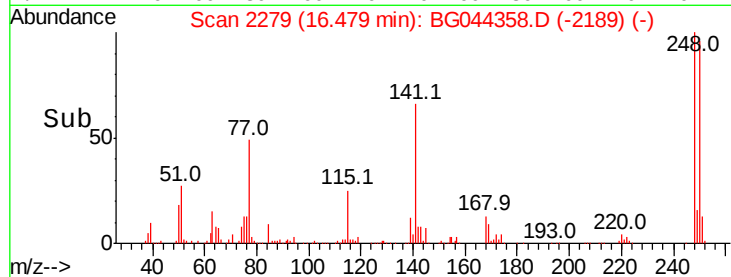
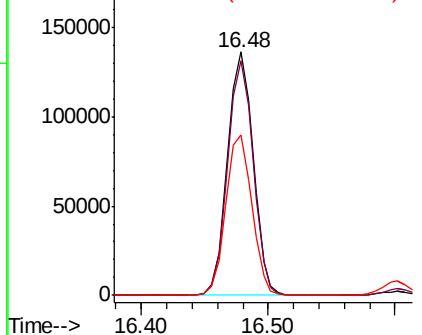
#67
 4-Bromophenyl-phenylether
 Concen: 36.634 ng
 RT: 16.48 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BG044358.D
 Acq: 10 Feb 2020 16:03

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BSD

Tot Ion:248 Resp: 190926
 Ion Ratio Lower Upper
 248 100
 250 96.2 76.6 114.8
 141 65.9 54.7 82.1

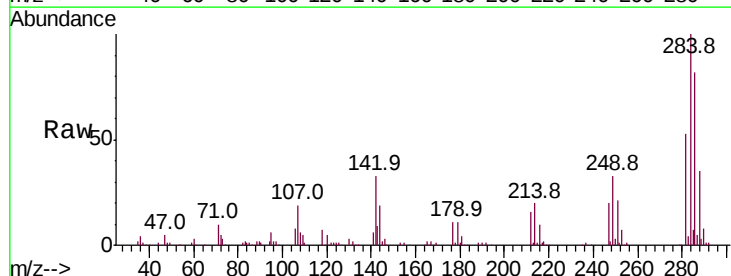


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

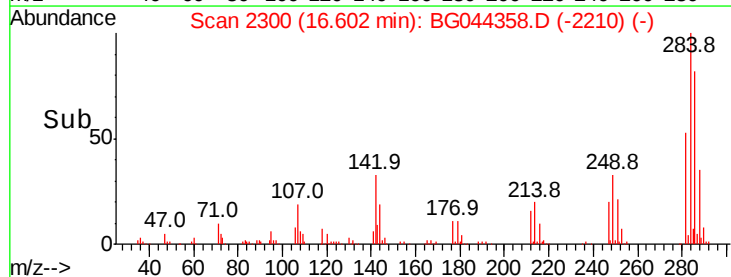
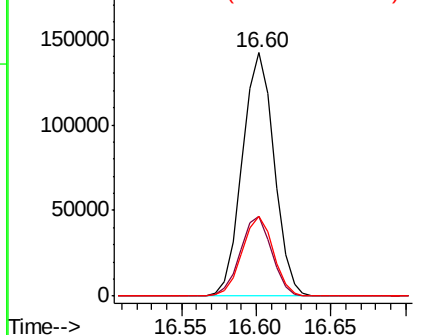


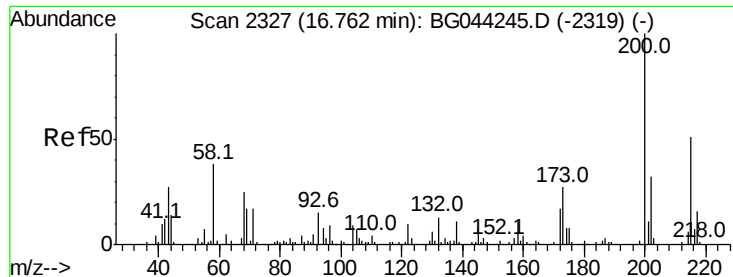
#68
 Hexachlorobenzene
 Concen: 35.941 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: BG044358.D
 Acq: 10 Feb 2020 16:03

Tgt Ion:284 Resp: 209855
 Ion Ratio Lower Upper
 284 100
 142 32.8 25.3 37.9
 249 32.8 25.5 38.3



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

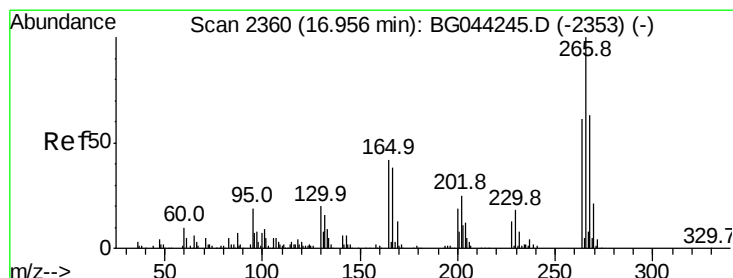
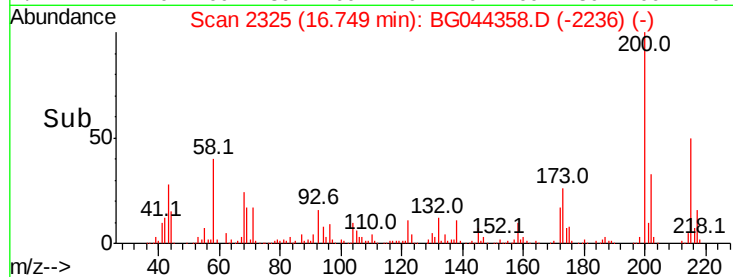
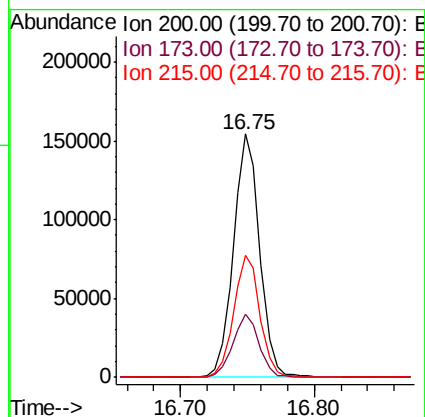
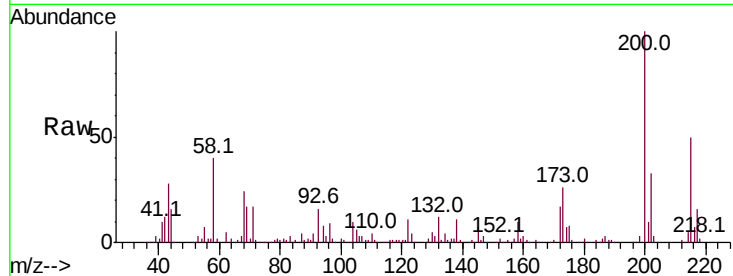




#69
Atrazine
Concen: 45.777 ng
RT: 16.75 min Scan# 2325
Delta R.T. -0.01 min
Lab File: BG044358.D
Acq: 10 Feb 2020 16:03

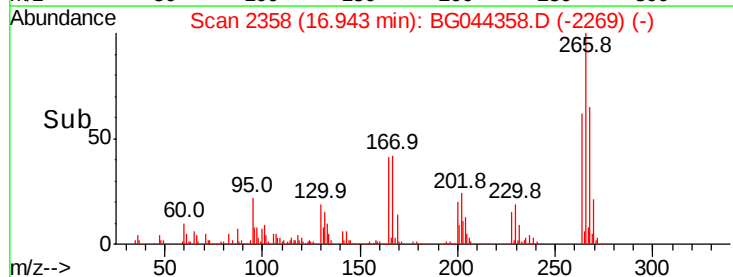
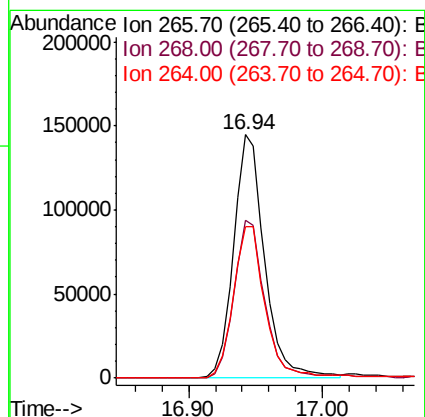
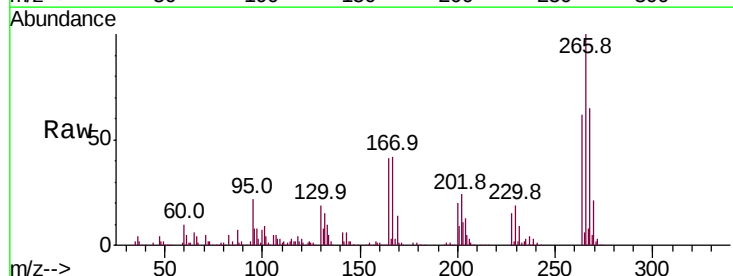
Instrument :
BNA_G
ClientSampleId :
PB126601BSD

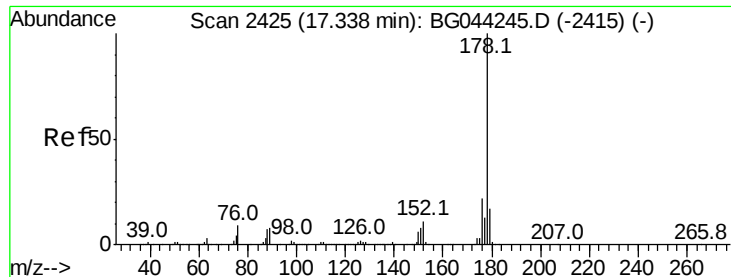
Tot Ion:200 Resp: 210340
Ion Ratio Lower Upper
200 100
173 26.0 6.6 46.6
215 50.1 31.0 71.0



#70
Pentachlorophenol
Concen: 79.182 ng
RT: 16.94 min Scan# 2358
Delta R.T. -0.01 min
Lab File: BG044358.D
Acq: 10 Feb 2020 16:03

Tgt Ion:266 Resp: 233698
Ion Ratio Lower Upper
266 100
268 64.8 50.6 75.8
264 62.4 48.7 73.1

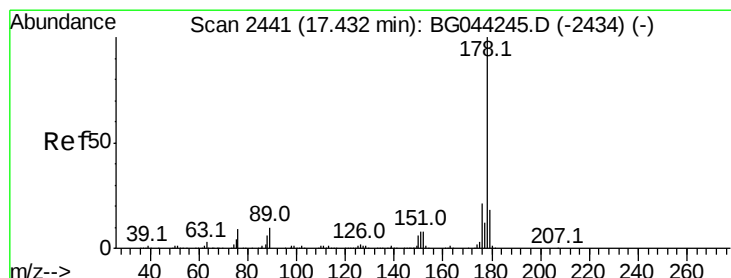
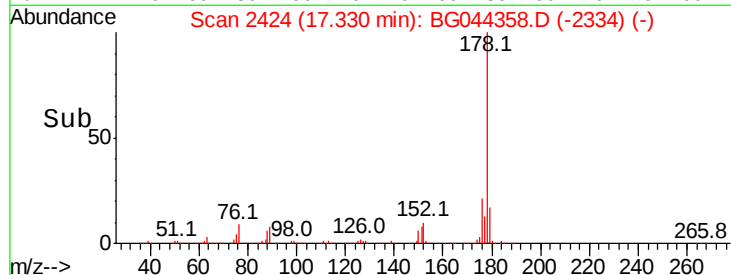
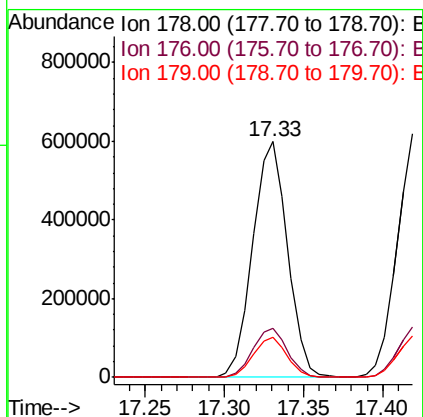
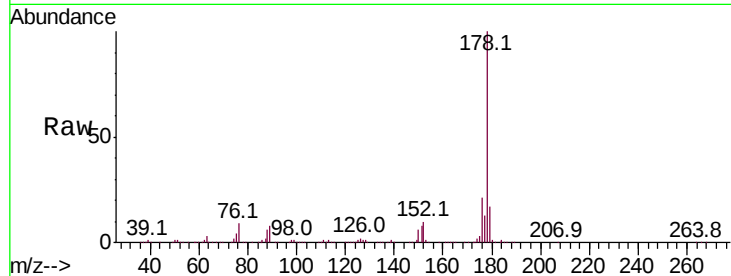




#71
Phenanthrene
Concen: 39.498 ng
RT: 17.33 min Scan# 2424
Delta R.T. 0.00 min
Lab File: BG044358.D
Acq: 10 Feb 2020 16:03

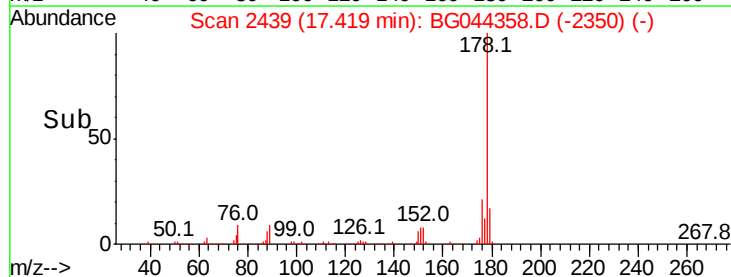
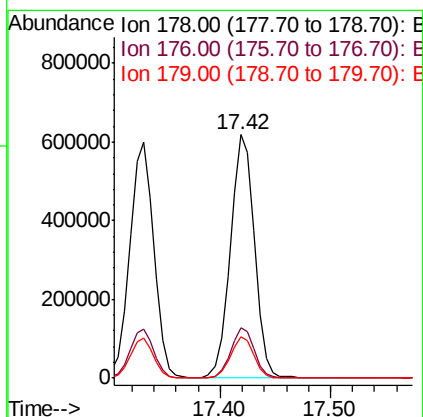
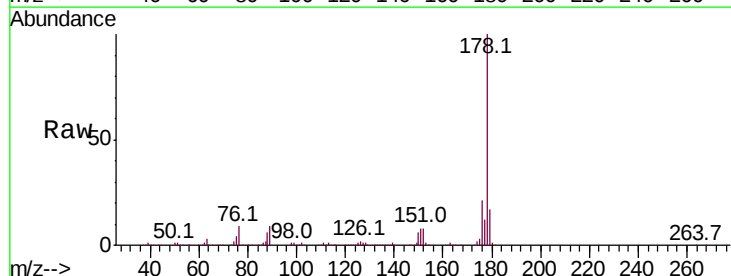
Instrument :
BNA_G
ClientSampleId :
PB126601BSD

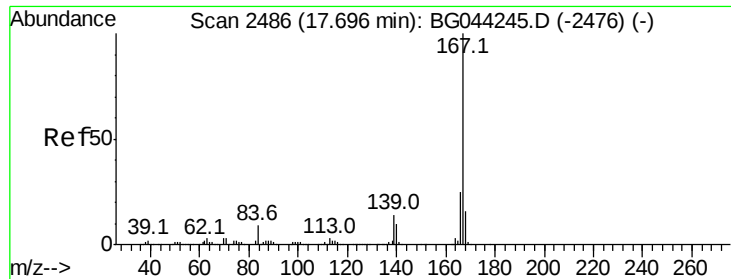
Tot Ion:178 Resp: 914931
Ion Ratio Lower Upper
178 100
176 20.9 17.7 26.5
179 16.9 13.7 20.5



#72
Anthracene
Concen: 41.117 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG044358.D
Acq: 10 Feb 2020 16:03

Tgt Ion:178 Resp: 941646
Ion Ratio Lower Upper
178 100
176 20.9 17.0 25.4
179 16.9 14.4 21.6

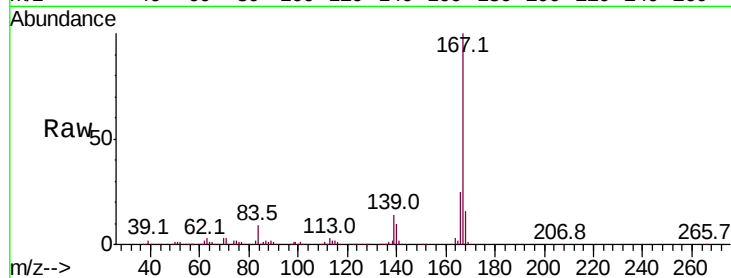




#73
 Carbazole
 Concen: 41.782 ng
 RT: 17.69 min Scan# 2485
 Delta R.T. 0.00 min
 Lab File: BG044358.D
 Acq: 10 Feb 2020 16:03

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.8	19.8	29.6
139	13.7	11.1	16.7

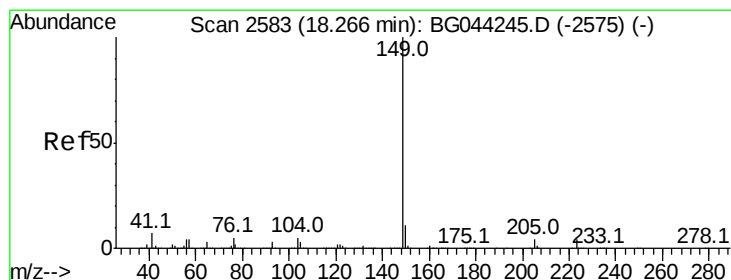
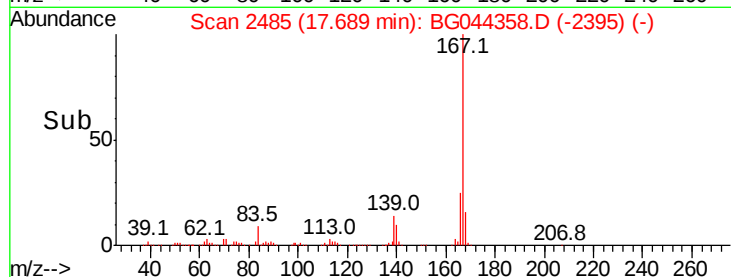
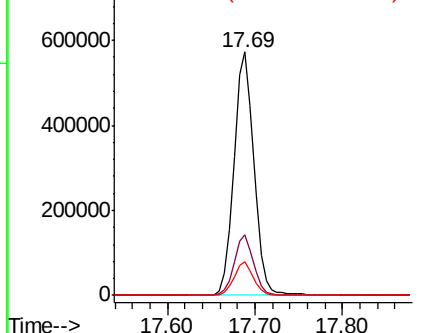


Abundance

Ion 167.00 (166.70 to 167.70): E

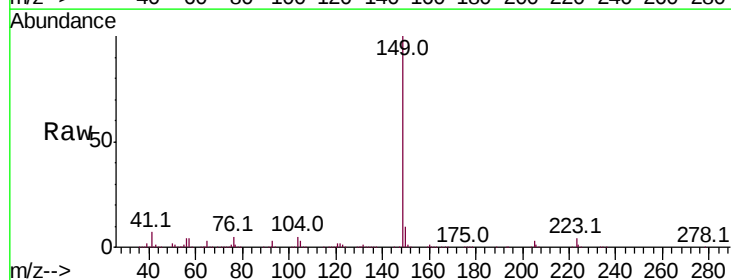
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 42.244 ng
 RT: 18.25 min Scan# 2581
 Delta R.T. -0.01 min
 Lab File: BG044358.D
 Acq: 10 Feb 2020 16:03

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.4	8.7	13.1
104	5.2	4.3	6.5

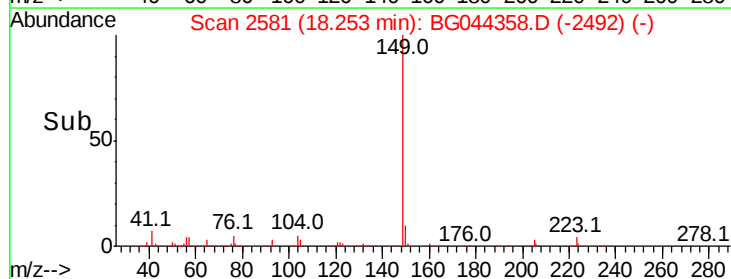
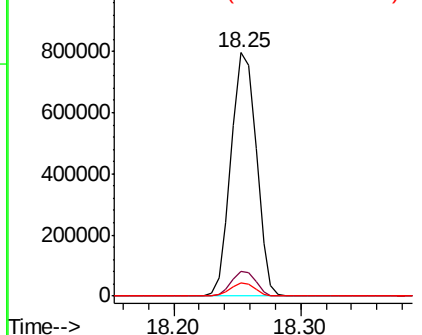


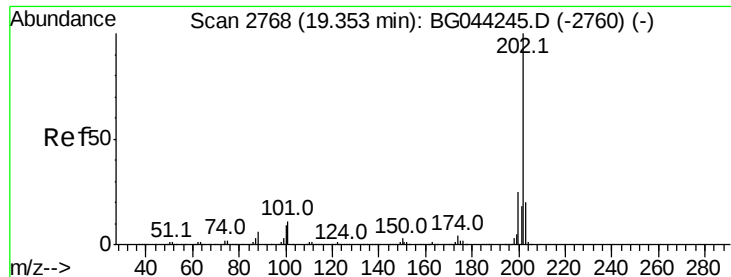
Abundance

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: 43.281 ng

RT: 19.34 min Scan# 2766

Delta R.T. 0.00 min

Lab File: BG044358.D

Acq: 10 Feb 2020 16:03

Instrument :

BNA_G

ClientSampleId :

PB126601BSD

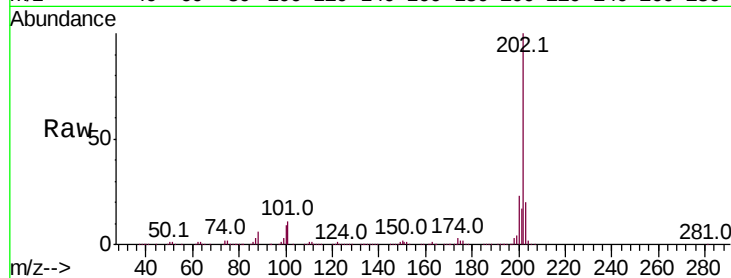
Tot Ion:202 Resp: 1159770

Ion Ratio Lower Upper

202 100

101 11.3 0.0 31.3

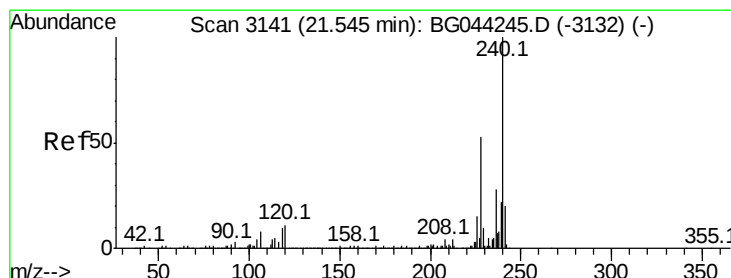
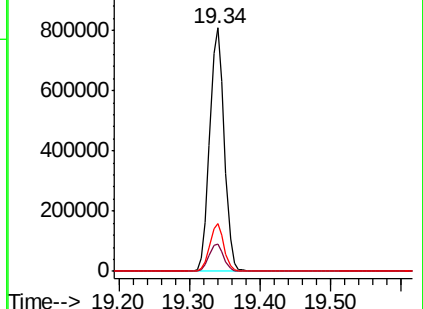
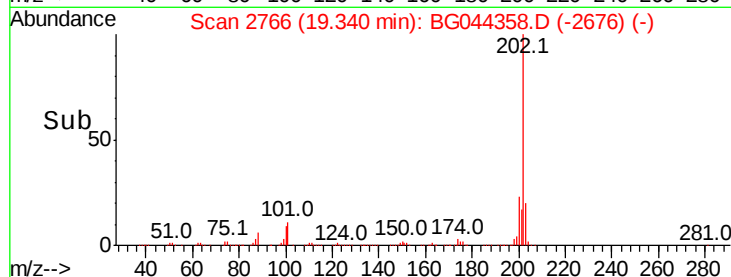
203 19.9 0.0 39.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.53 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG044358.D

Acq: 10 Feb 2020 16:03

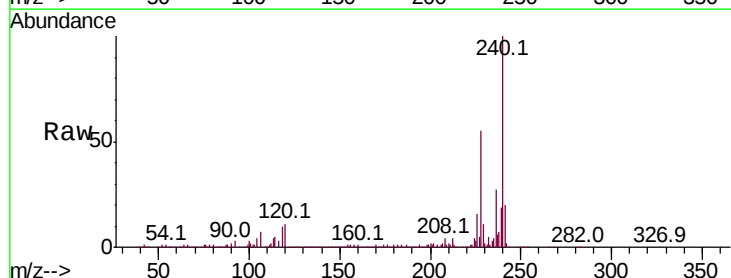
Tgt Ion:240 Resp: 463063

Ion Ratio Lower Upper

240 100

120 10.9 8.4 12.6

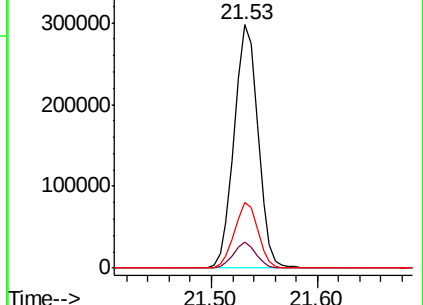
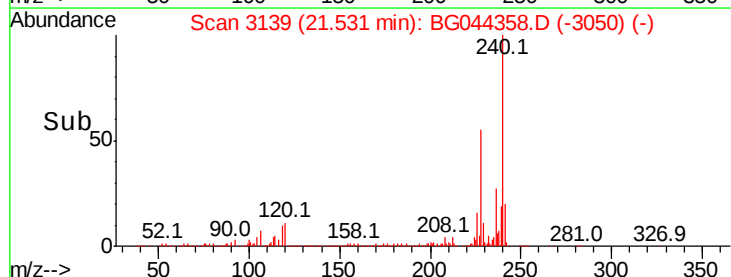
236 27.2 22.1 33.1

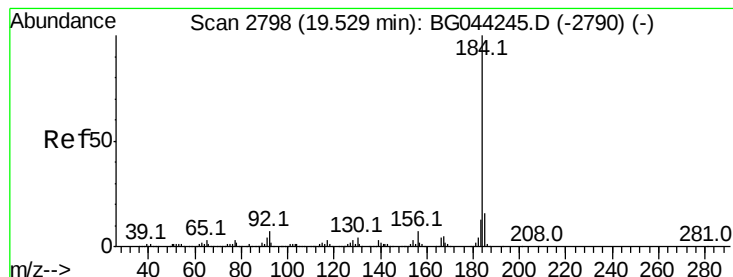


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 46.031 ng

RT: 19.52 min Scan# 2796

Delta R.T. -0.01 min

Lab File: BG044358.D

Acq: 10 Feb 2020 16:03

Instrument :

BNA_G

ClientSampleId :

PB126601BSD

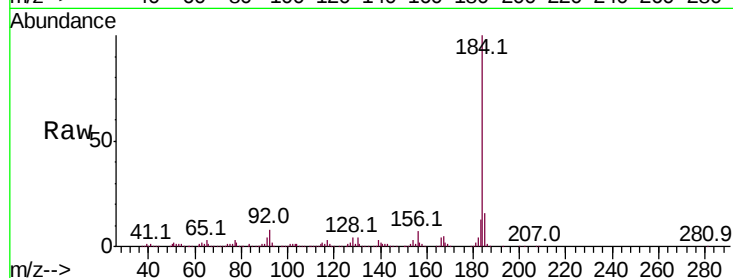
Tot Ion:184 Resp: 591229

Ion Ratio Lower Upper

184 100

185 15.5 12.9 19.3

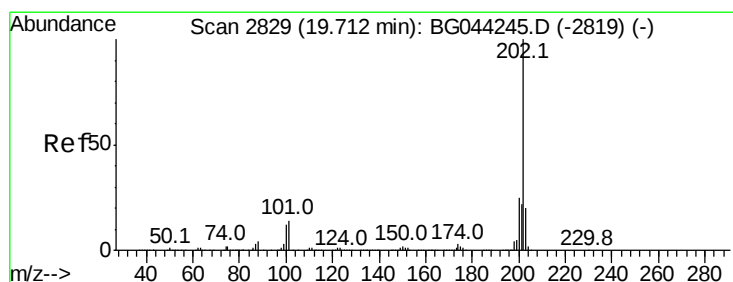
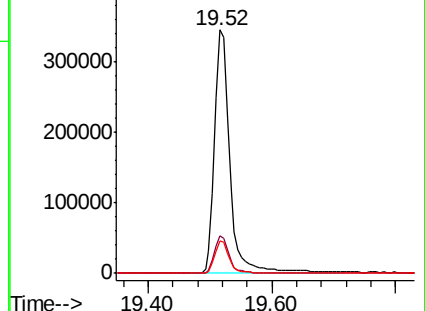
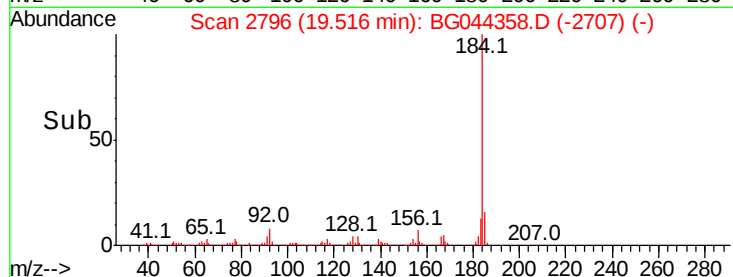
183 13.4 10.8 16.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.126 ng

RT: 19.70 min Scan# 2827

Delta R.T. -0.01 min

Lab File: BG044358.D

Acq: 10 Feb 2020 16:03

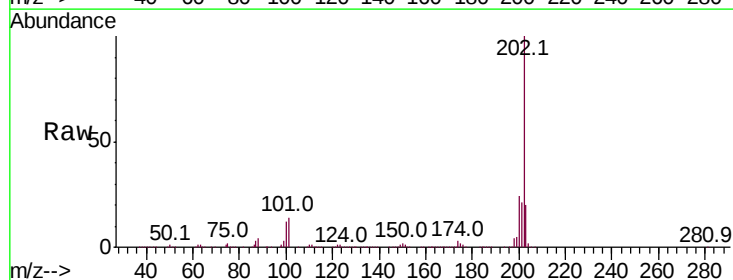
Tgt Ion:202 Resp: 1163532

Ion Ratio Lower Upper

202 100

200 23.8 20.0 30.0

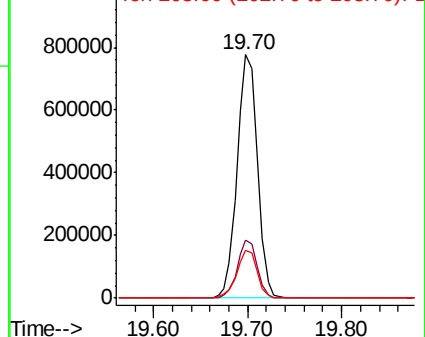
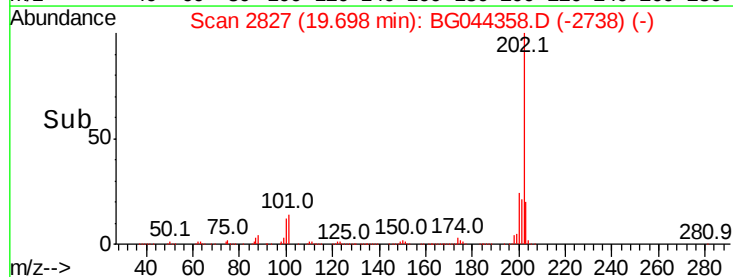
203 19.7 16.2 24.2

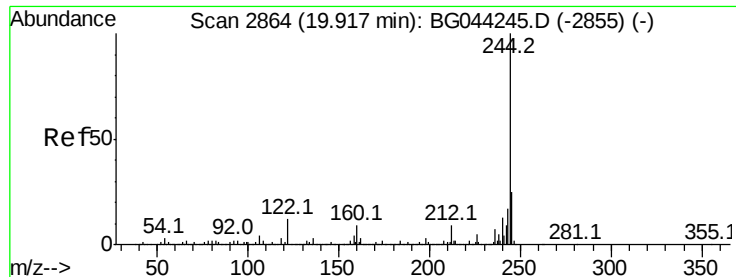


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 64.358 ng

RT: 19.90 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BG044358.D

Acq: 10 Feb 2020 16:03

Instrument :

BNA_G

ClientSampleId :

PB126601BSD

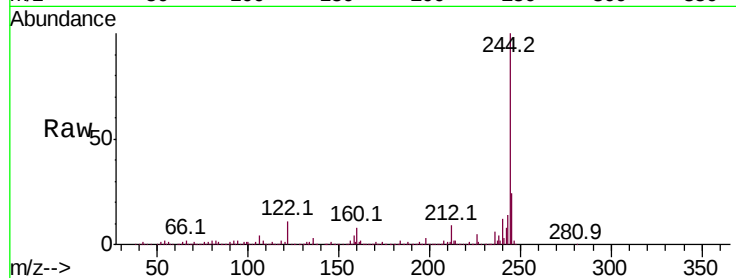
Tot Ion:244 Resp: 1448896

Ion Ratio Lower Upper

244 100

212 8.6 7.4 11.2

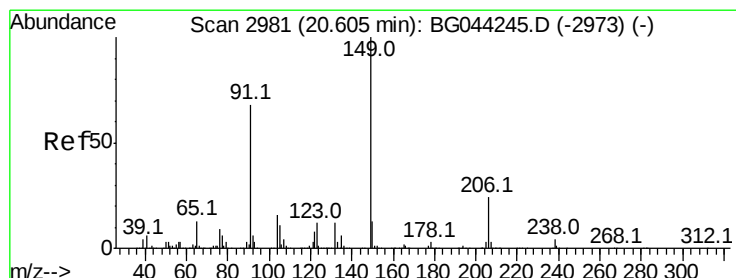
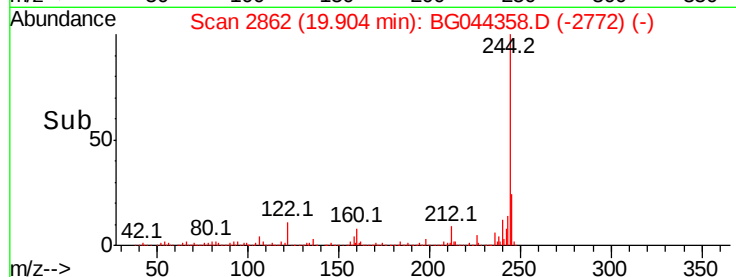
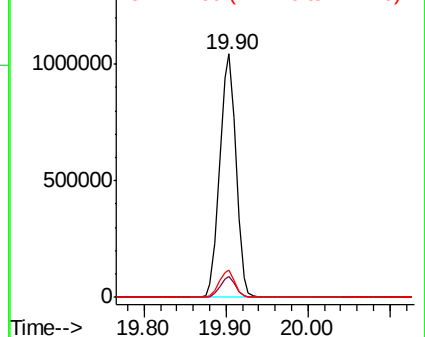
122 11.0 9.8 14.6



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: 37.027 ng

RT: 20.59 min Scan# 2979

Delta R.T. -0.01 min

Lab File: BG044358.D

Acq: 10 Feb 2020 16:03

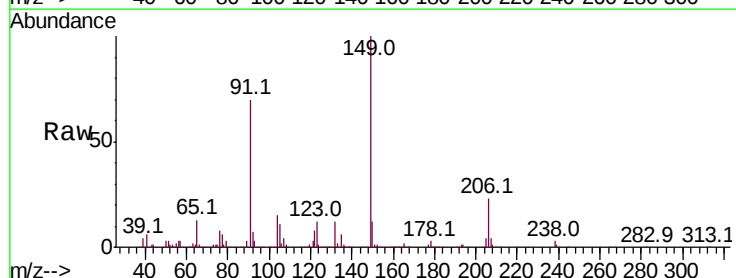
Tgt Ion:149 Resp: 501788

Ion Ratio Lower Upper

149 100

91 69.8 54.5 81.7

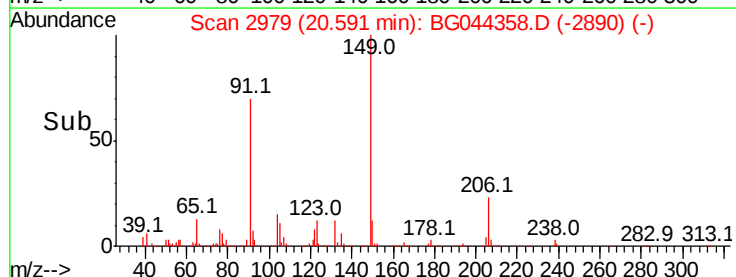
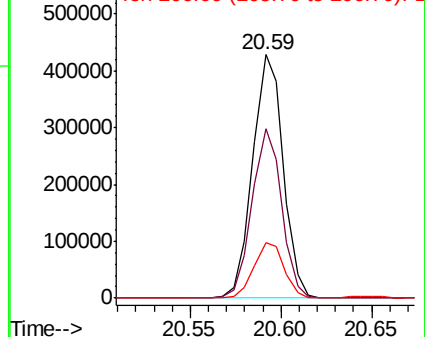
206 22.5 19.1 28.7

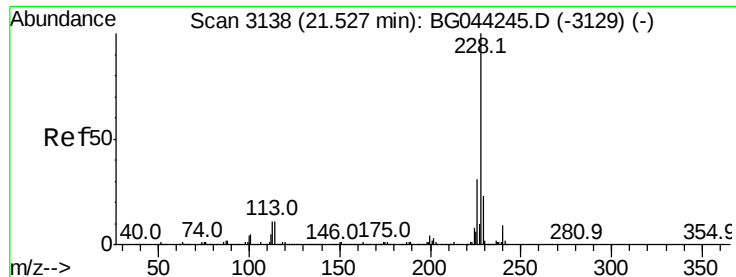


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.670 ng

RT: 21.51 min Scan# 3136

Delta R.T. 0.00 min

Lab File: BG044358.D

Acq: 10 Feb 2020 16:03

Instrument :

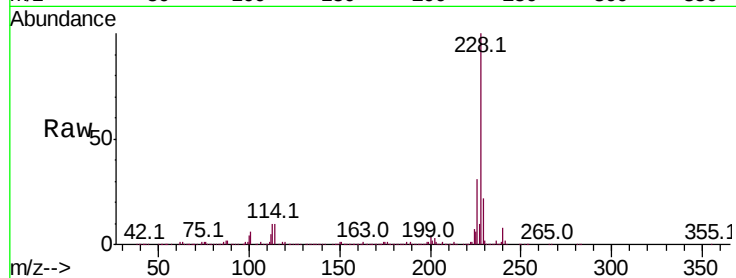
BNA_G

ClientSampleId :

PB126601BSD

Tot Ion:228 Resp: 1103592

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.7	37.1
229	22.1	18.2	27.4

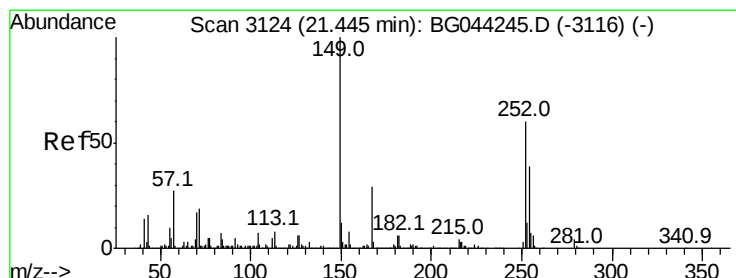
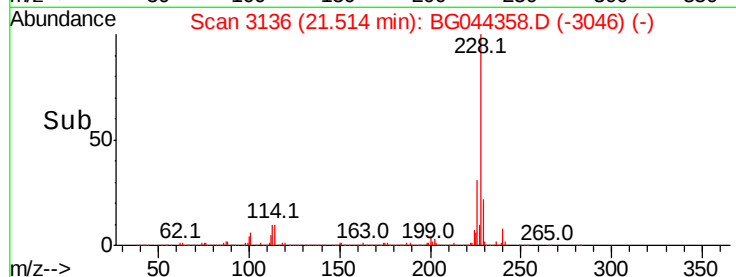
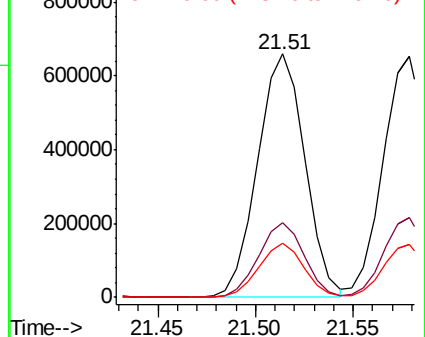


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 28.502 ng

RT: 21.43 min Scan# 3122

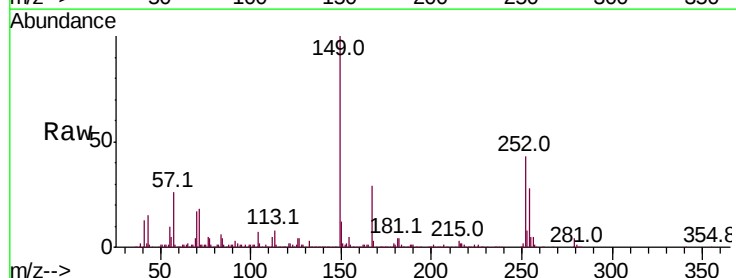
Delta R.T. -0.01 min

Lab File: BG044358.D

Acq: 10 Feb 2020 16:03

Tgt Ion:252 Resp: 315699

Ion	Ratio	Lower	Upper
252	100		
254	66.4	52.6	78.8
126	10.0	8.2	12.4

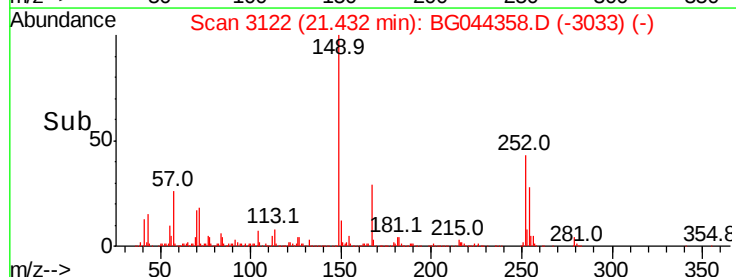
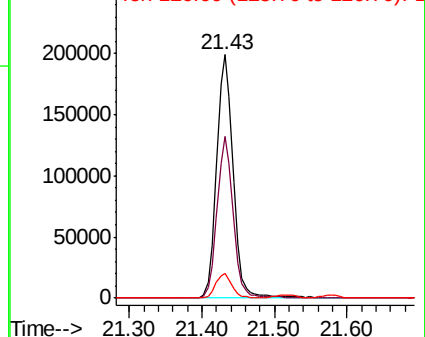


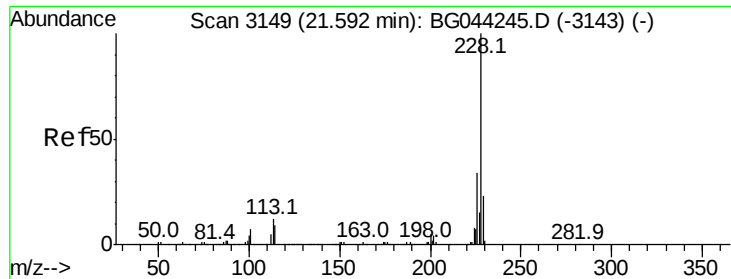
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.804 ng

RT: 21.58 min Scan# 3147

Delta R.T. 0.00 min

Lab File: BG044358.D

Acq: 10 Feb 2020 16:03

Instrument :

BNA_G

ClientSampleId :

PB126601BSD

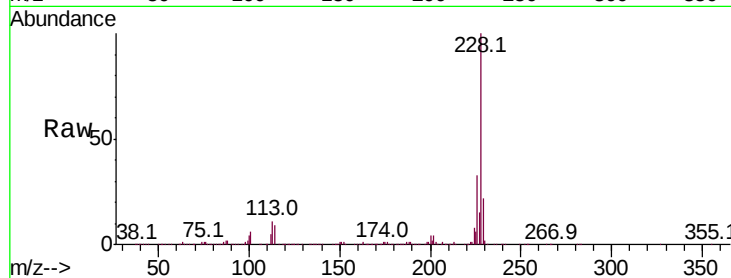
Tot Ion:228 Resp: 1070430

Ion Ratio Lower Upper

228 100

226 33.1 27.1 40.7

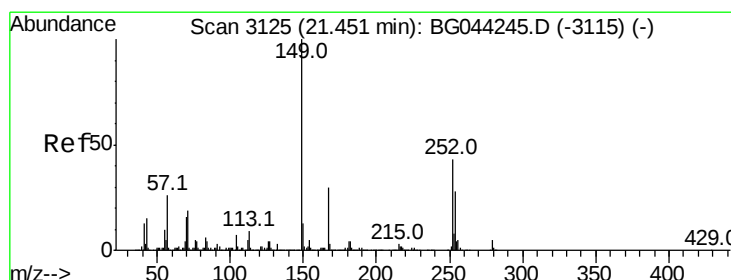
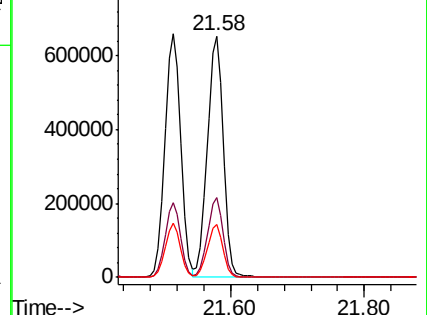
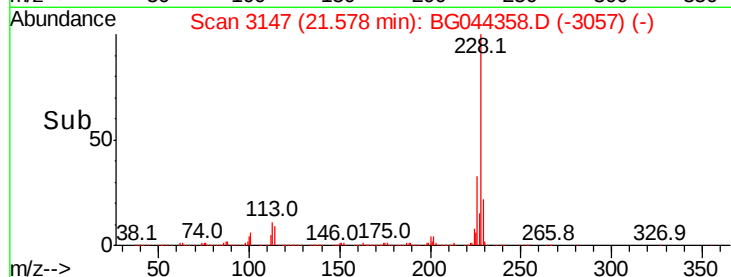
229 21.6 17.9 26.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.061 ng

RT: 21.44 min Scan# 3123

Delta R.T. 0.00 min

Lab File: BG044358.D

Acq: 10 Feb 2020 16:03

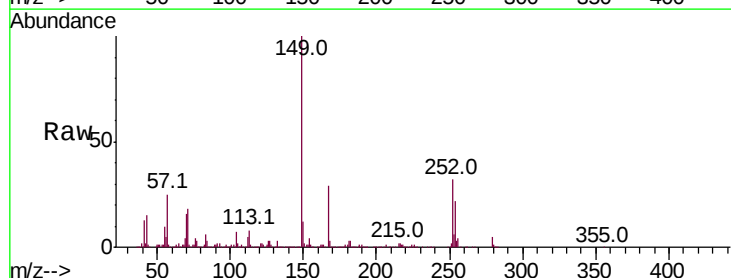
Tgt Ion:149 Resp: 709954

Ion Ratio Lower Upper

149 100

167 29.1 24.0 36.0

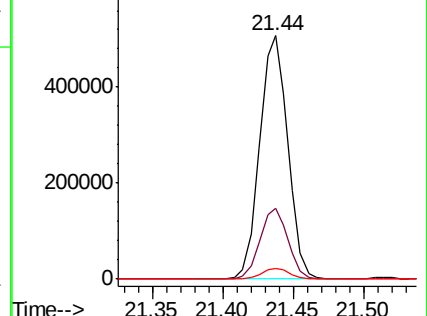
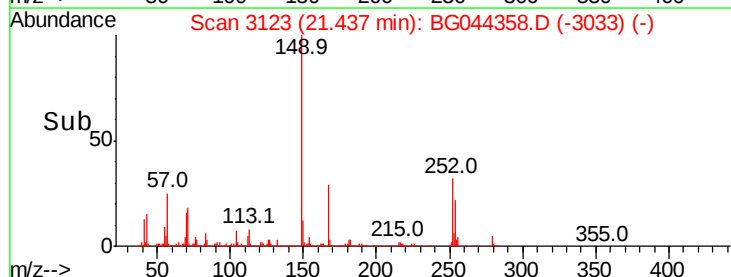
279 4.6 3.8 5.8

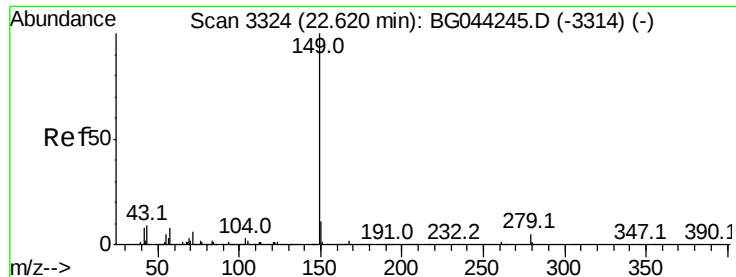


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 38.273 ng

RT: 22.60 min Scan# 3321

Delta R.T. -0.01 min

Lab File: BG044358.D

Acq: 10 Feb 2020 16:03

Instrument :

BNA_G

ClientSampleId :

PB126601BSD

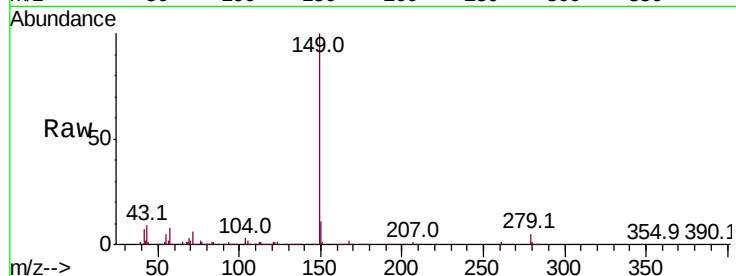
Tot Ion:149 Resp: 1235232

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

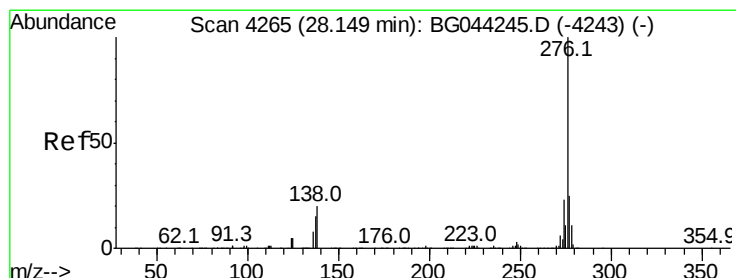
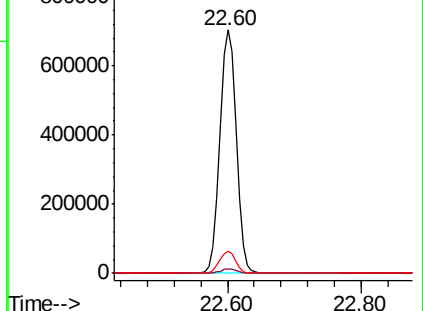
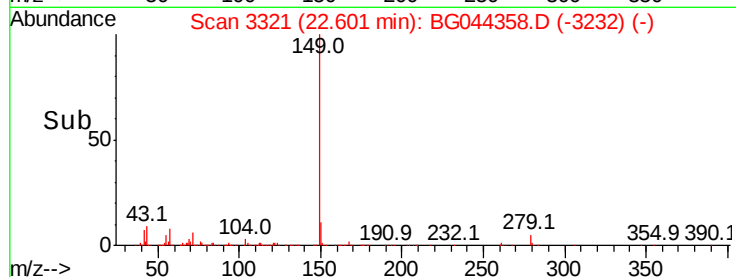
43 8.8 7.4 11.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.681 ng

RT: 28.12 min Scan# 4260

Delta R.T. 0.00 min

Lab File: BG044358.D

Acq: 10 Feb 2020 16:03

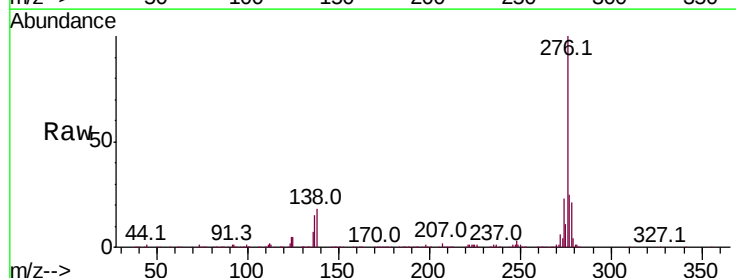
Tgt Ion:276 Resp: 1356138

Ion Ratio Lower Upper

276 100

138 23.6 19.4 29.0

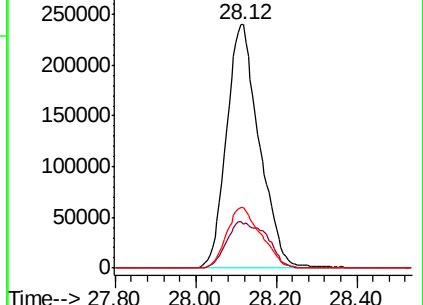
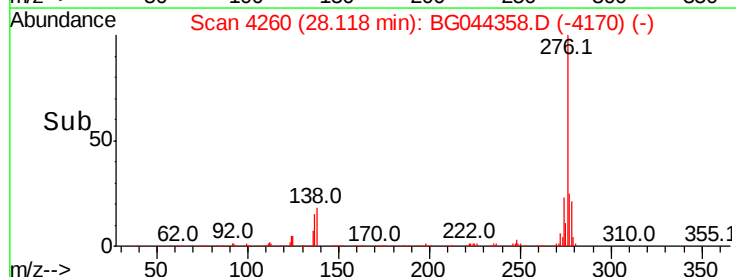
277 26.3 21.0 31.6

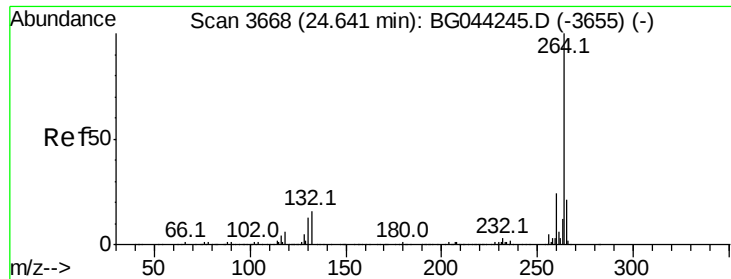


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



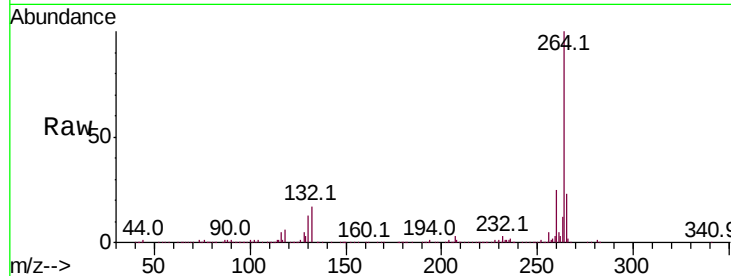


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.62 min Scan# 3664
Delta R.T. -0.01 min
Lab File: BG044358.D
Acq: 10 Feb 2020 16:03

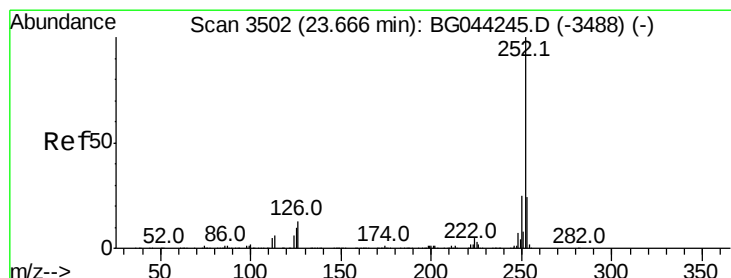
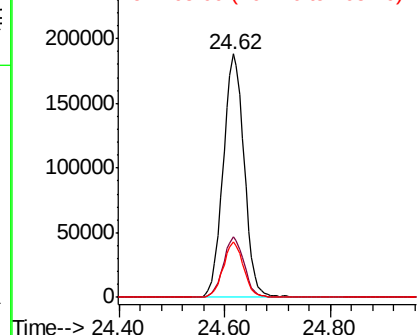
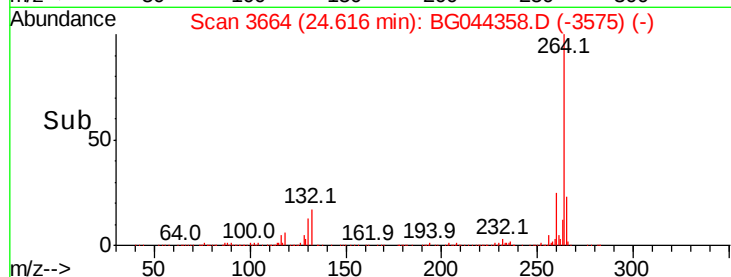
Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion:264 Resp: 518046

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	22.6	16.7	25.1



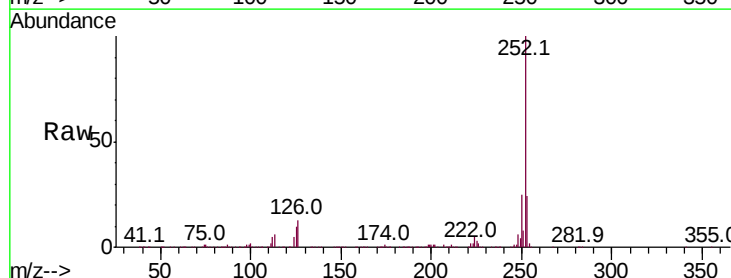
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



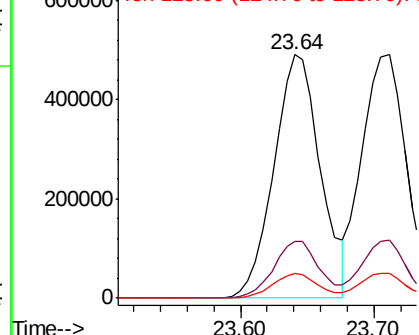
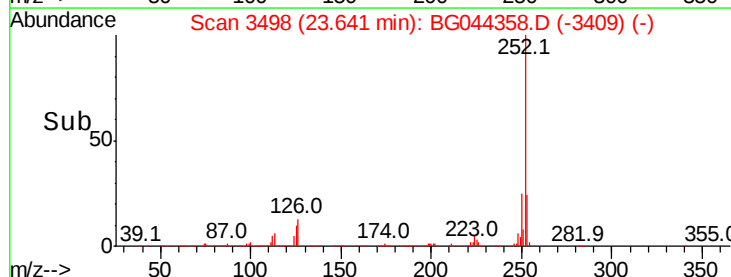
#88
Benzo(b)fluoranthene
Concen: 39.748 ng
RT: 23.64 min Scan# 3498
Delta R.T. -0.01 min
Lab File: BG044358.D
Acq: 10 Feb 2020 16:03

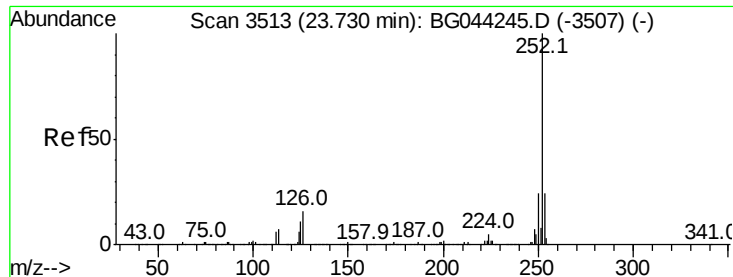
Tgt Ion:252 Resp: 1186535

Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.2	28.8
125	10.1	8.4	12.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

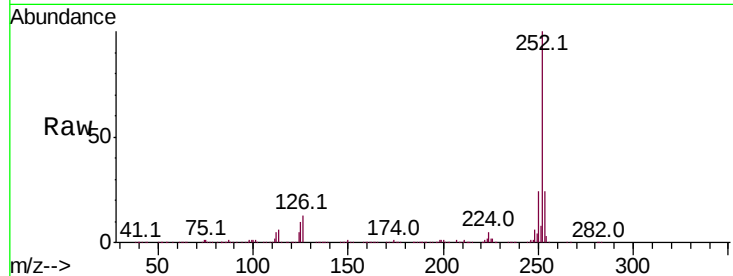




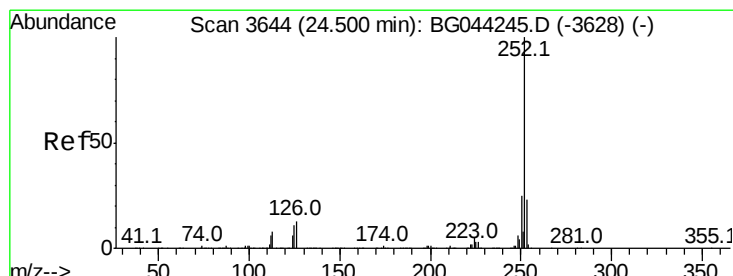
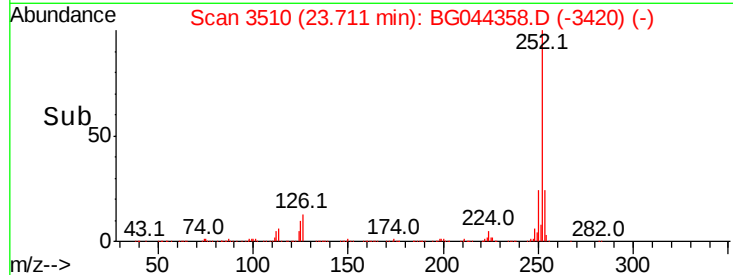
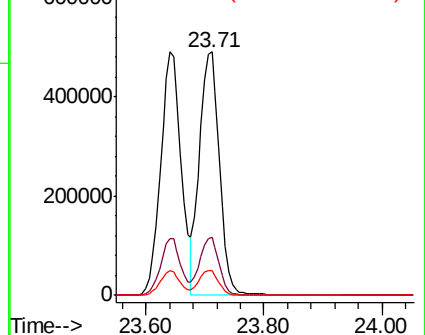
#89
Benzo(k)fluoranthene
Concen: 39.383 ng
RT: 23.71 min Scan# 3510
Delta R.T. 0.00 min
Lab File: BG044358.D
Acq: 10 Feb 2020 16:03

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion:252 Resp: 1145815
Ion Ratio Lower Upper
252 100
253 23.9 19.1 28.7
125 10.0 8.6 12.8

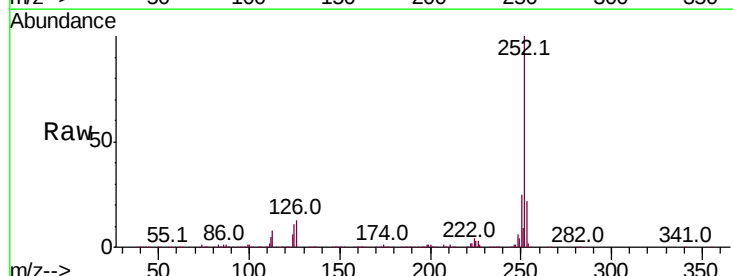


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

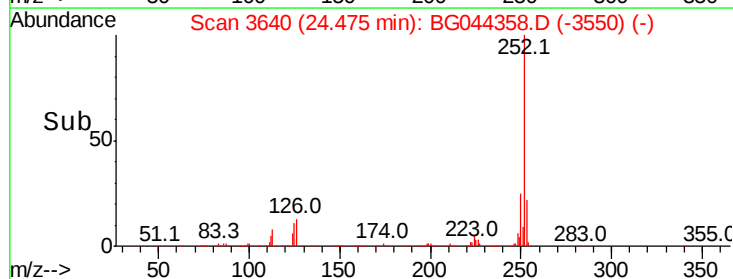
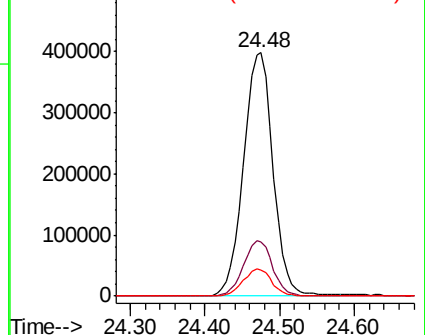


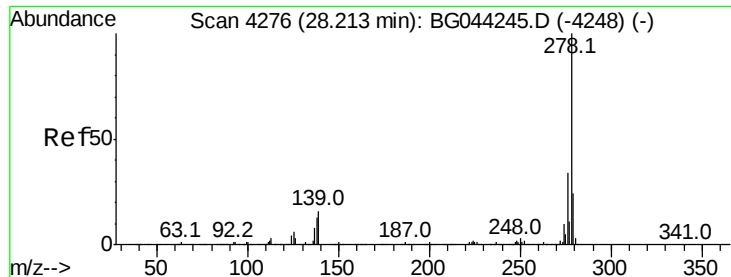
#90
Benzo(a)pyrene
Concen: 38.522 ng
RT: 24.48 min Scan# 3640
Delta R.T. 0.00 min
Lab File: BG044358.D
Acq: 10 Feb 2020 16:03

Tgt Ion:252 Resp: 1087264
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 10.6 8.6 13.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

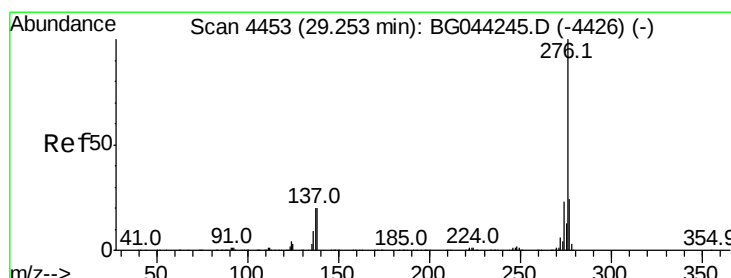
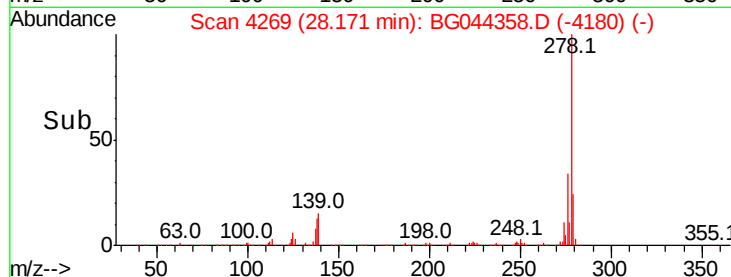
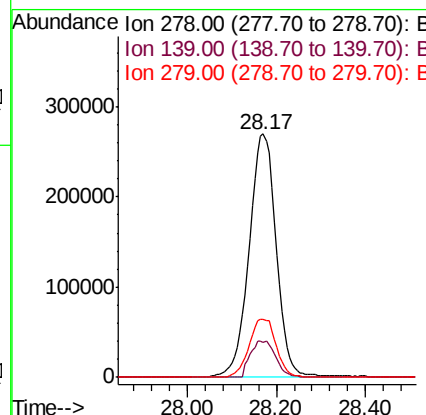
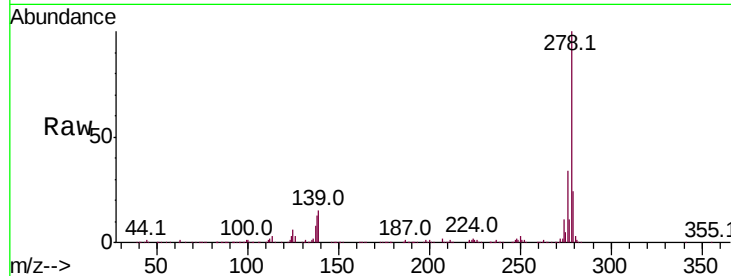




#91
Dibenzo(a,h)anthracene
Concen: 40.243 ng
RT: 28.17 min Scan# 4269
Delta R.T. -0.01 min
Lab File: BG044358.D
Acq: 10 Feb 2020 16:03

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion:278 Resp: 1124096
Ion Ratio Lower Upper
278 100
139 14.5 12.7 19.1
279 23.8 19.3 28.9



#92
Benzo(g,h,i)perylene
Concen: 40.682 ng
RT: 29.20 min Scan# 4445
Delta R.T. 0.00 min
Lab File: BG044358.D
Acq: 10 Feb 2020 16:03

Tgt Ion:276 Resp: 1137563
Ion Ratio Lower Upper
276 100
277 24.6 18.8 28.2
138 19.4 16.2 24.2

