

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021120\
 Data File : BG044387.D
 Acq On : 11 Feb 2020 13:45
 Operator : CG/JU
 Sample : PB126698BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126698BS

Quant Time: Feb 12 03:05:14 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	7.91	152	80351	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	326536	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	212556	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	496512	20.00	ng	0.00
76) Chrysene-d12	21.54	240	456186	20.00	ng	0.00
87) Perylene-d12	24.62	264	496974	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	549153	120.62	ng	0.00
7) Phenol-d6	7.08	99	718913	117.59	ng	0.00
23) Nitrobenzene-d5	9.06	82	374874	64.81	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	294517	118.03	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	864383	68.10	ng	0.00
79) Terphenyl-d14	19.90	244	1421101	64.08	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.36	88	75894	37.101	ng	99
3) Pyridine	3.76	79	176174	32.326	ng	99
4) n-Nitrosodimethylamine	3.68	42	90729	39.840	ng	96
6) Aniline	7.22	93	247161	32.569	ng	100
8) 2-Chlorophenol	7.47	128	217893	43.546	ng	100
9) Benzaldehyde	7.04	77	101779	29.230	ng	97
10) Phenol	7.11	94	265536	43.885	ng	98
11) bis(2-Chloroethyl)ether	7.32	93	204125	39.461	ng	96
12) 1,3-Dichlorobenzene	7.79	146	229612	38.433	ng	98
13) 1,4-Dichlorobenzene	7.93	146	230933	39.028	ng	97
14) 1,2-Dichlorobenzene	8.26	146	216826	38.768	ng	99
15) Benzyl Alcohol	8.14	79	178130	41.153	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.43	45	262166	37.445	ng	99
17) 2-Methylphenol	8.35	107	185637	43.001	ng	98
18) Hexachloroethane	8.99	117	84433	38.026	ng	99
19) n-Nitroso-di-n-propylamine	8.71	70	154271	37.862	ng	98
20) 3+4-Methylphenols	8.68	107	250858	42.165	ng	97
22) Acetophenone	8.72	105	294924	37.127	ng	100
24) Nitrobenzene	9.10	77	222270	39.364	ng	97
25) Isophorone	9.63	82	420252	38.983	ng	100
26) 2-Nitrophenol	9.82	139	120687	41.192	ng	99
27) 2,4-Dimethylphenol	9.88	122	204453	49.434	ng	99
28) bis(2-Chloroethoxy)methane	10.11	93	270740	37.647	ng	98
29) 2,4-Dichlorophenol	10.36	162	213805	42.753	ng	99
30) 1,2,4-Trichlorobenzene	10.57	180	217375	37.908	ng	99
31) Naphthalene	10.76	128	631798	39.880	ng	100
32) Benzoic acid	10.04	122	80038	34.877	ng	90
33) 4-Chloroaniline	10.86	127	174380	24.202	ng	99
34) Hexachlorobutadiene	11.05	225	129945	36.827	ng	99
35) Caprolactam	11.62	113	40507	22.111	ng	94
36) 4-Chloro-3-methylphenol	11.99	107	222274	42.392	ng	100
37) 2-Methylnaphthalene	12.36	142	467011	39.703	ng	98
38) 1-Methylnaphthalene	12.58	142	450045	40.582	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.74	216	231566	36.420	ng	99

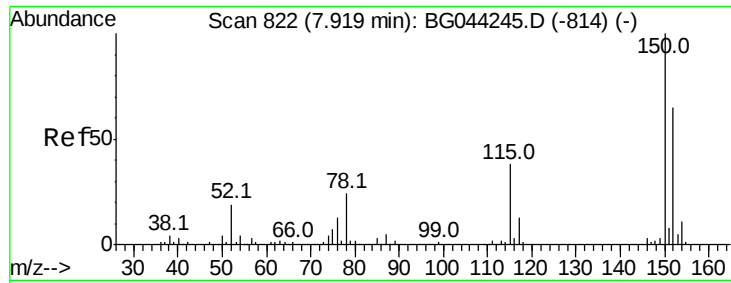
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021120\
 Data File : BG044387.D
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 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.72	237	267790	87.775	ng	99
43) 2,4,6-Trichlorophenol	12.98	196	169018	41.126	ng	98
44) 2,4,5-Trichlorophenol	13.05	196	179506	42.762	ng	98
46) 1,1'-Biphenyl	13.38	154	593300	38.697	ng	98
47) 2-Chloronaphthalene	13.42	162	461319	37.812	ng	99
48) 2-Nitroaniline	13.62	65	138866	38.568	ng	99
49) Acenaphthylene	14.26	152	742323	41.483	ng	99
50) Dimethylphthalate	14.00	163	612788	40.106	ng	100
51) 2,6-Dinitrotoluene	14.11	165	137727	40.428	ng	98
52) Acenaphthene	14.61	154	450021	38.799	ng	98
53) 3-Nitroaniline	14.44	138	107217	28.447	ng	100
54) 2,4-Dinitrophenol	14.65	184	154544	76.887	ng	97
55) Dibenzofuran	14.94	168	715245	40.729	ng	98
56) 4-Nitrophenol	14.77	139	261671	94.780	ng	98
57) 2,4-Dinitrotoluene	14.90	165	199078	41.693	ng	100
58) Fluorene	15.59	166	572511	41.391	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.17	232	165874	43.747	ng	99
60) Diethylphthalate	15.37	149	625378	41.077	ng	99
61) 4-Chlorophenyl-phenylether	15.58	204	297049	39.608	ng	97
62) 4-Nitroaniline	15.61	138	147517	39.169	ng	98
63) Azobenzene	15.88	77	555748	41.650	ng	98
65) 4,6-Dinitro-2-methylphenol	15.67	198	122467	44.684	ng	95
66) n-Nitrosodiphenylamine	15.80	169	541942	38.948	ng	99
67) 4-Bromophenyl-phenylether	16.48	248	200146	36.999	ng	99
68) Hexachlorobenzene	16.60	284	220176	36.330	ng	98
69) Atrazine	16.75	200	215420	45.169	ng	99
70) Pentachlorophenol	16.95	266	242179	79.062	ng	97
71) Phenanthrene	17.33	178	956717	39.792	ng	99
72) Anthracene	17.42	178	979079	41.189	ng	98
73) Carbazole	17.69	167	910928	41.570	ng	100
74) Di-n-butylphthalate	18.25	149	1118188	41.293	ng	99
75) Fluoranthene	19.34	202	1166788	41.951	ng	99
77) Benzidine	19.52	184	550955	43.542	ng	99
78) Pyrene	19.70	202	1172513	40.022	ng	99
80) Butylbenzylphthalate	20.59	149	508074	38.056	ng	98
81) Benzo(a)anthracene	21.51	228	1104459	39.283	ng	99
82) 3,3'-Dichlorobenzidine	21.43	252	329820	30.226	ng	100
83) Chrysene	21.58	228	1053811	38.777	ng	99
84) Bis(2-ethylhexyl)phthalate	21.44	149	715533	38.938	ng	98
85) Di-n-octyl phthalate	22.60	149	1254175	39.446	ng	99
86) Indeno(1,2,3-cd)pyrene	28.12	276	1352755	38.154	ng	99
88) Benzo(b)fluoranthene	23.65	252	1159016	40.472	ng	99
89) Benzo(k)fluoranthene	23.71	252	1156522	41.436	ng	100
90) Benzo(a)pyrene	24.47	252	1076701	39.765	ng	99
91) Dibenzo(a,h)anthracene	28.18	278	1107541	41.331	ng	99
92) Benzo(g,h,i)perylene	29.21	276	1137306	42.397	ng	99

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

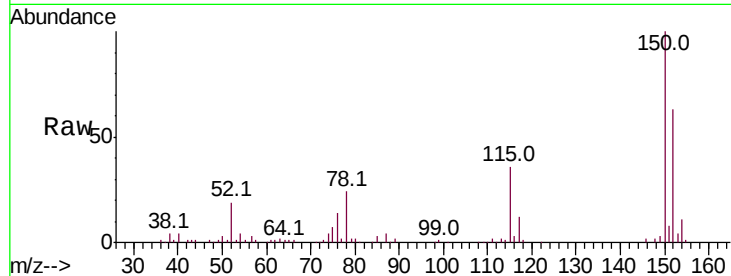


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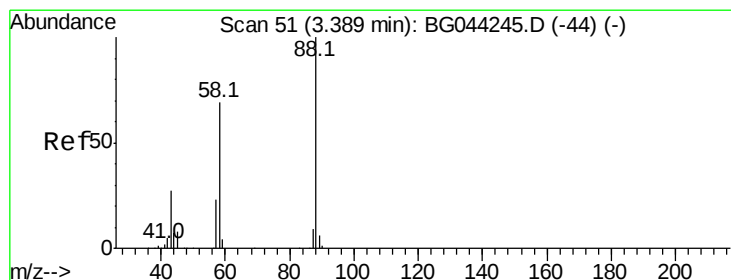
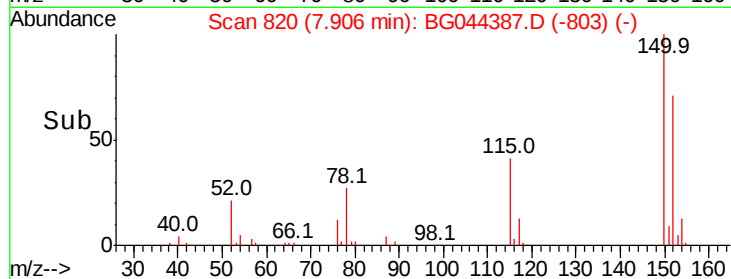
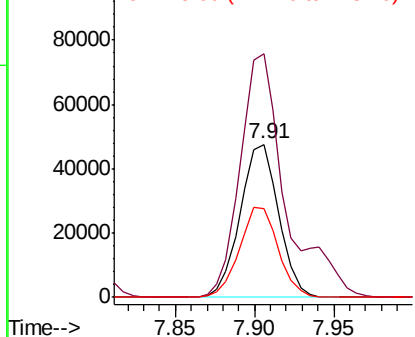
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 820
Delta R.T. 0.00 min
Lab File: BG044387.D
Acq: 11 Feb 2020 13:45

Instrument :
BNA_G
ClientSampleId :
PB126698BS

Tot Ion:152 Resp: 80351
Ion Ratio Lower Upper
152 100
150 159.2 122.6 183.8
115 57.8 46.0 69.0



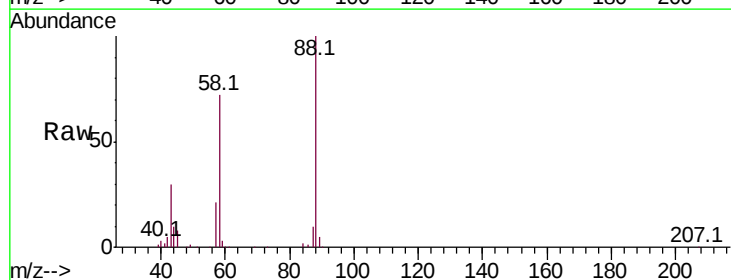
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



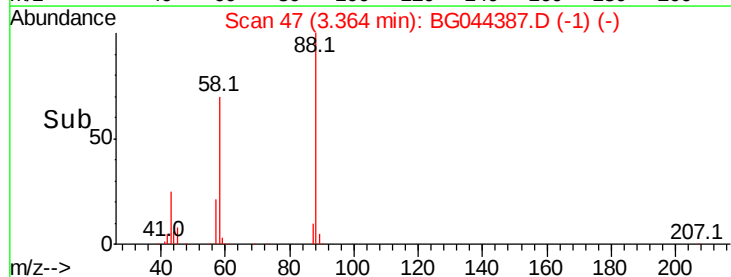
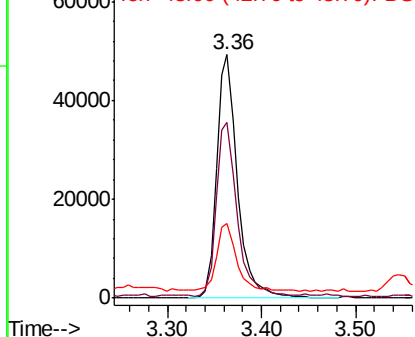
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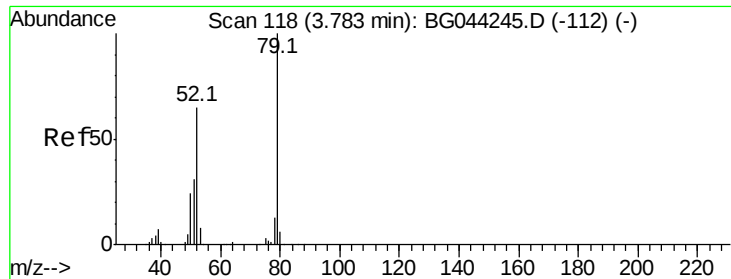
1,4-Dioxane
Concen: 37.101 ng
RT: 3.36 min Scan# 47
Delta R.T. 0.00 min
Lab File: BG044387.D
Acq: 11 Feb 2020 13:45

Tgt Ion: 88 Resp: 75894
Ion Ratio Lower Upper
88 100
58 71.0 55.8 83.6
43 27.6 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: 32.326 ng

RT: 3.76 min Scan# 114

Delta R.T. -0.01 min

Lab File: BG044387.D

Acq: 11 Feb 2020 13:45

Instrument :

BNA_G

ClientSampleId :

PB126698BS

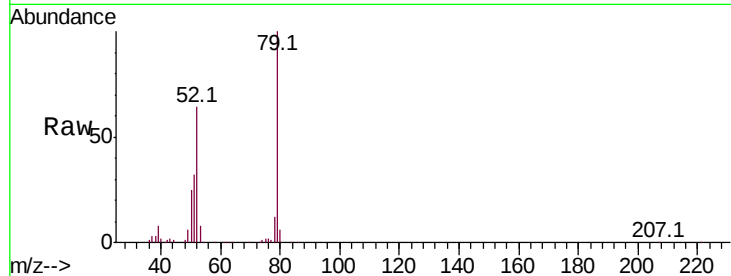
Tot Ion: 79 Resp: 176174

Ion Ratio Lower Upper

79 100

52 64.1 51.9 77.9

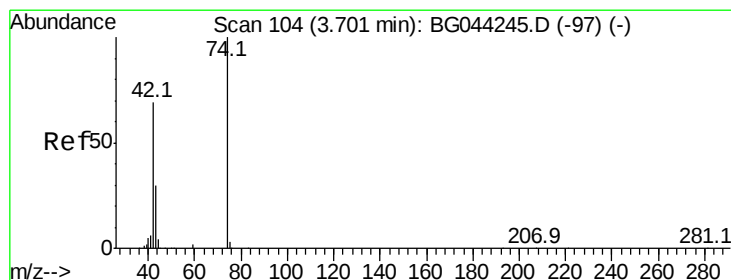
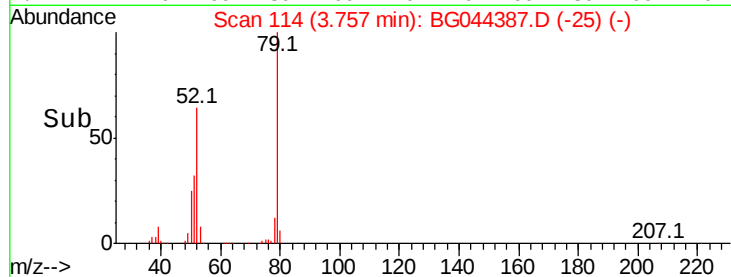
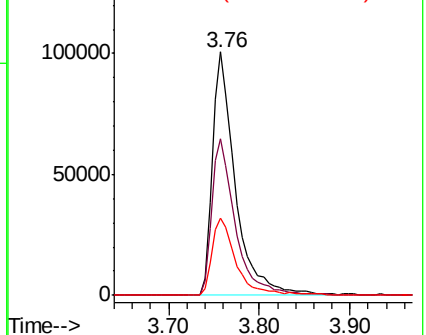
51 31.9 25.3 37.9



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: 39.840 ng

RT: 3.68 min Scan# 100

Delta R.T. 0.00 min

Lab File: BG044387.D

Acq: 11 Feb 2020 13:45

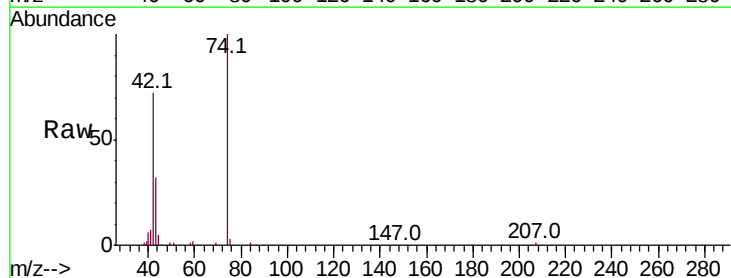
Tgt Ion: 42 Resp: 90729

Ion Ratio Lower Upper

42 100

74 139.4 115.1 172.7

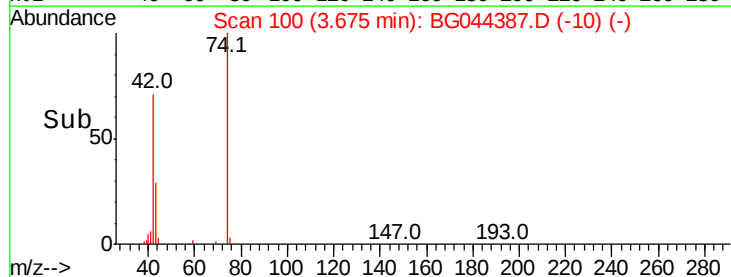
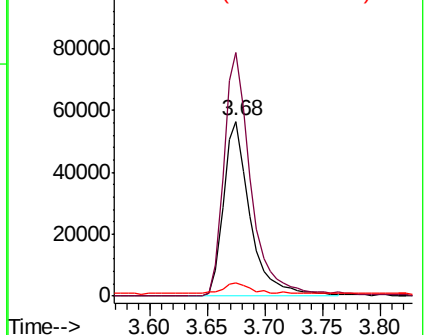
44 7.3 5.6 8.4

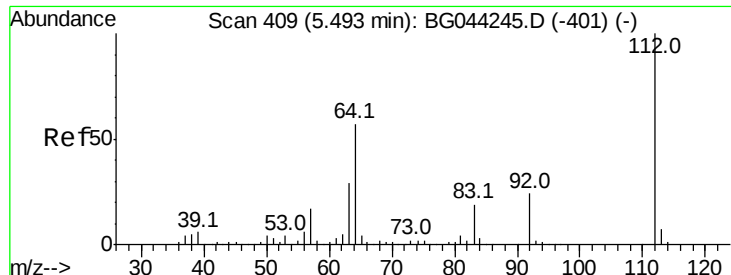


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 120.617 ng

RT: 5.48 min Scan# 408

Delta R.T. 0.01 min

Lab File: BG044387.D

Acq: 11 Feb 2020 13:45

Instrument :

BNA_G

ClientSampleId :

PB126698BS

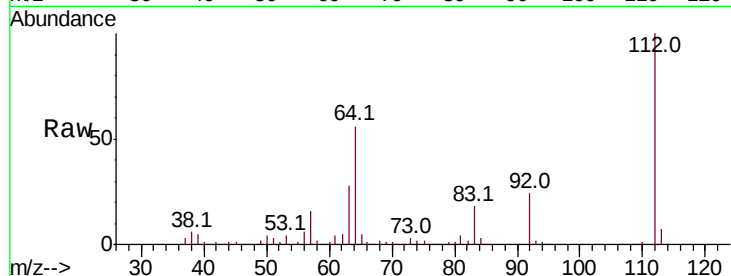
Tot Ion:112 Resp: 549153

Ion Ratio Lower Upper

112 100

64 55.9 45.4 68.2

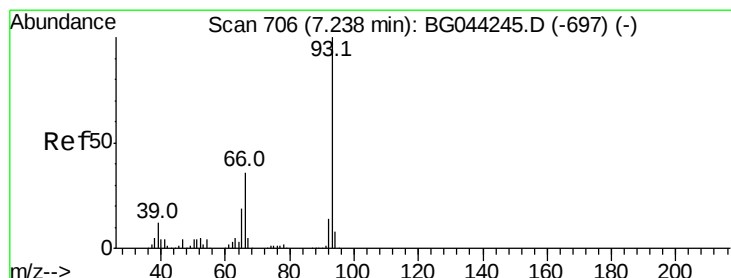
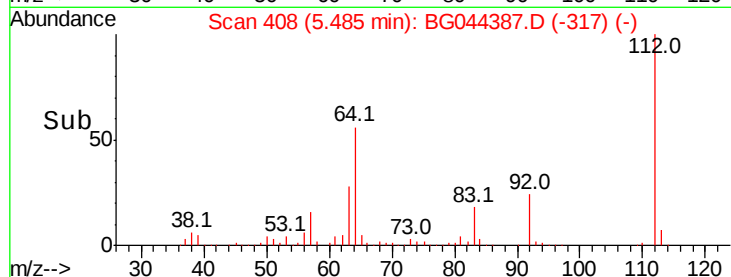
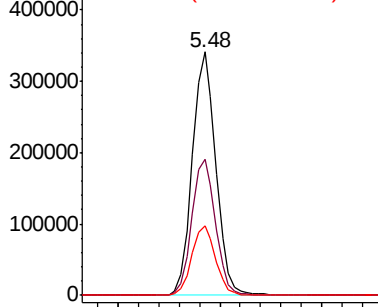
63 28.4 22.9 34.3



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: 32.569 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG044387.D

Acq: 11 Feb 2020 13:45

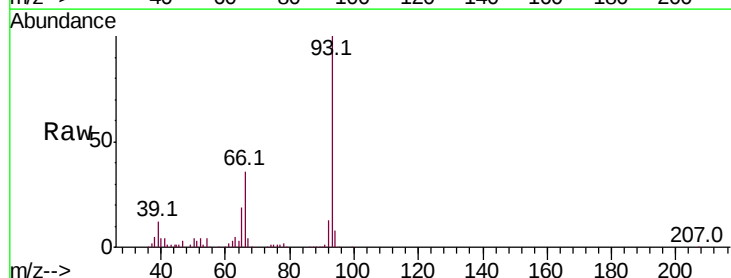
Tgt Ion: 93 Resp: 247161

Ion Ratio Lower Upper

93 100

66 36.3 28.7 43.1

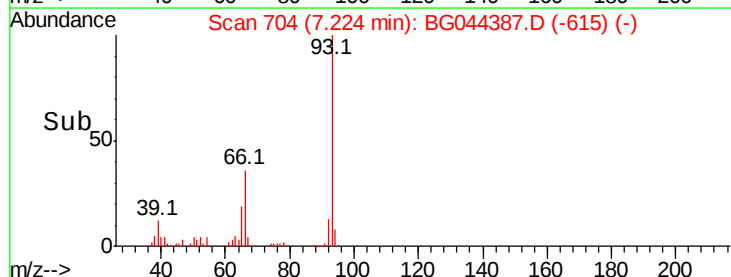
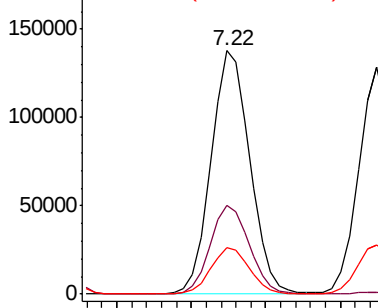
65 19.3 15.4 23.0

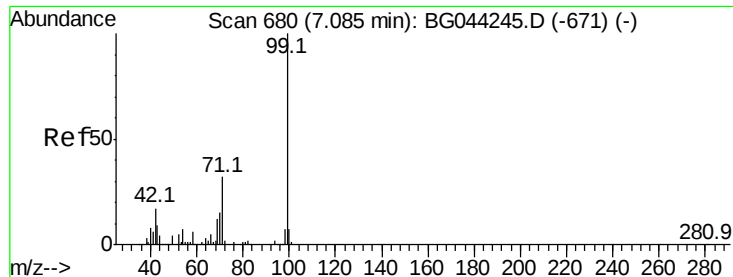


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 117.588 ng

RT: 7.08 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG044387.D

Acq: 11 Feb 2020 13:45

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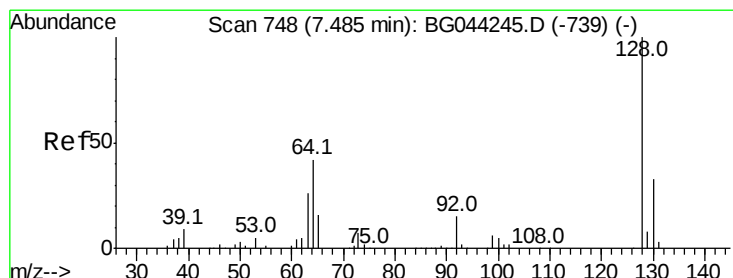
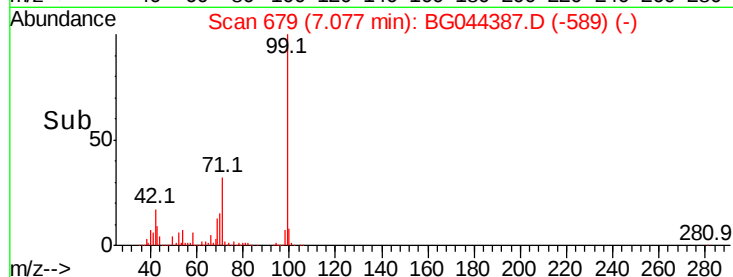
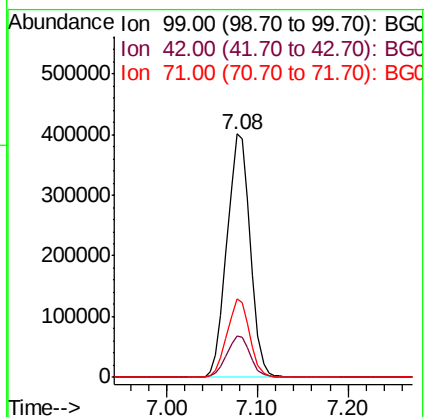
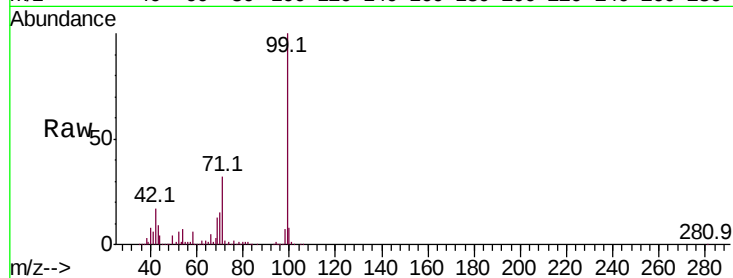
Tot Ion: 99 Resp: 718913

Ion Ratio Lower Upper

99 100

42 17.1 13.8 20.6

71 32.2 25.5 38.3



#8

2-Chlorophenol

Concen: 43.546 ng

RT: 7.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BG044387.D

Acq: 11 Feb 2020 13:45

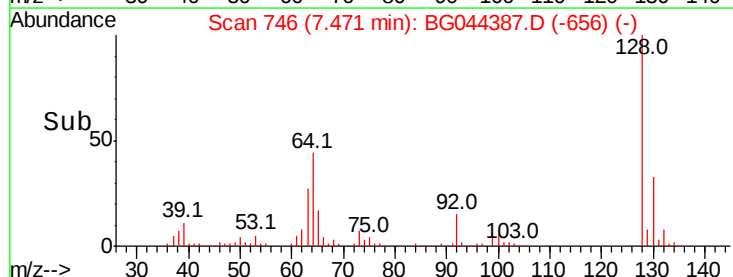
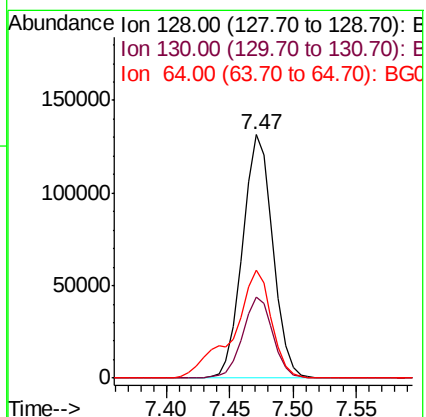
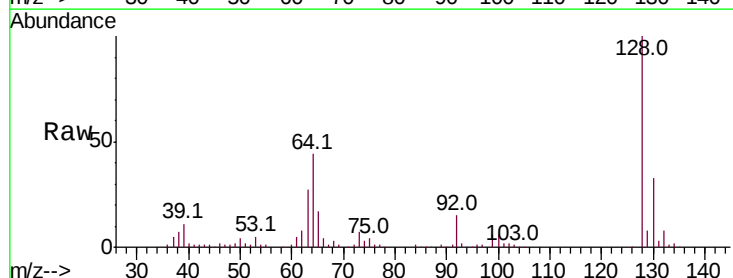
Tgt Ion:128 Resp: 217893

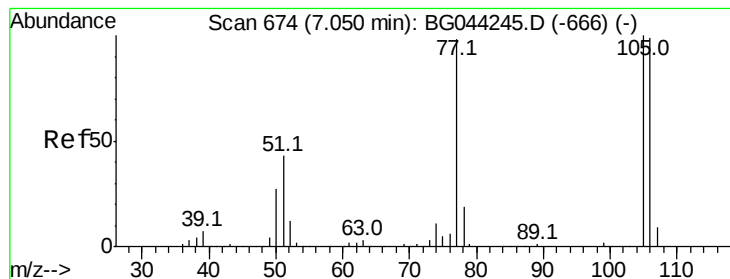
Ion Ratio Lower Upper

128 100

130 33.2 12.5 52.5

64 44.2 24.2 64.2





#9

Benzaldehyde

Concen: 29.230 ng

RT: 7.04 min Scan# 672

Delta R.T. 0.00 min

Lab File: BG044387.D

Acq: 11 Feb 2020 13:45

Instrument :

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ClientSampleId :

PB126698BS

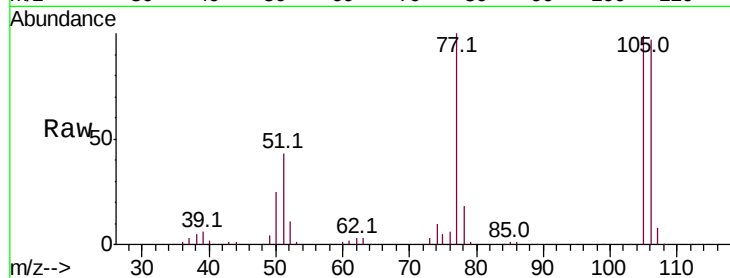
Tot Ion: 77 Resp: 101779

Ion Ratio Lower Upper

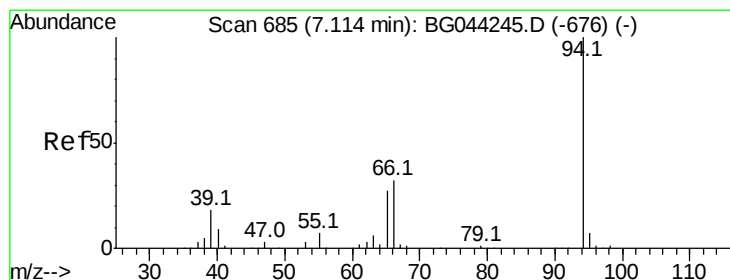
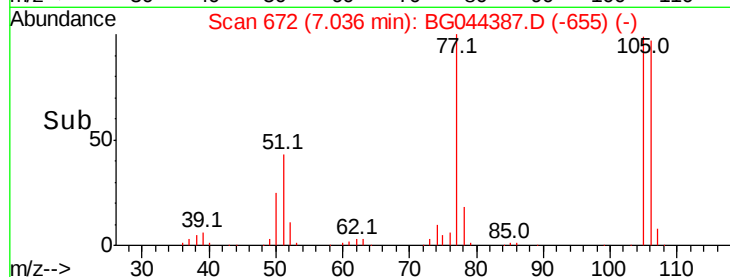
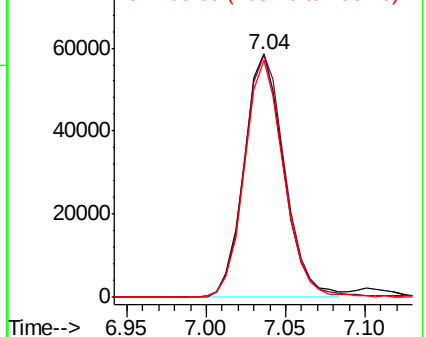
77 100

105 99.4 82.0 122.0

106 97.5 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: 43.885 ng

RT: 7.11 min Scan# 684

Delta R.T. 0.01 min

Lab File: BG044387.D

Acq: 11 Feb 2020 13:45

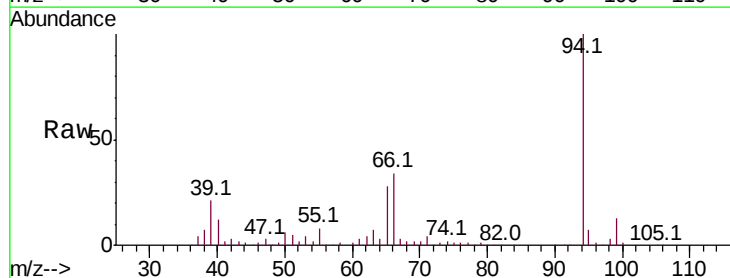
Tgt Ion: 94 Resp: 265536

Ion Ratio Lower Upper

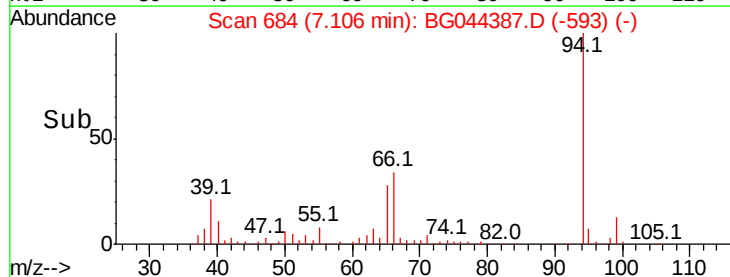
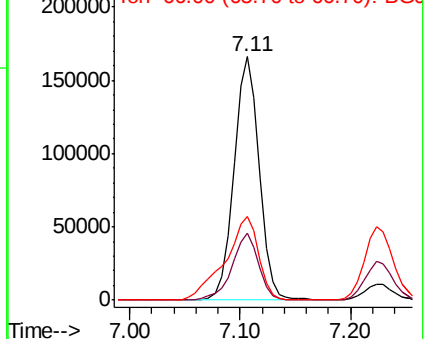
94 100

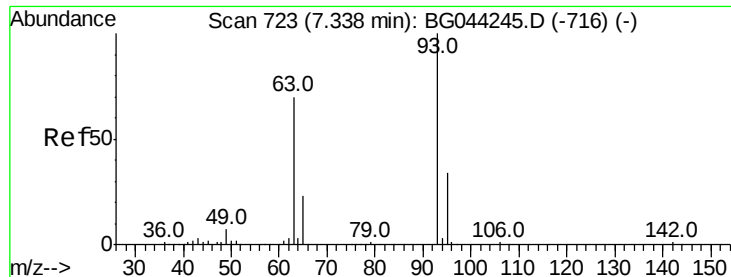
65 27.7 7.0 47.0

66 34.3 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

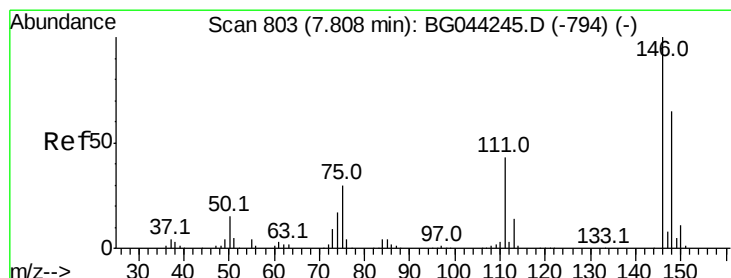
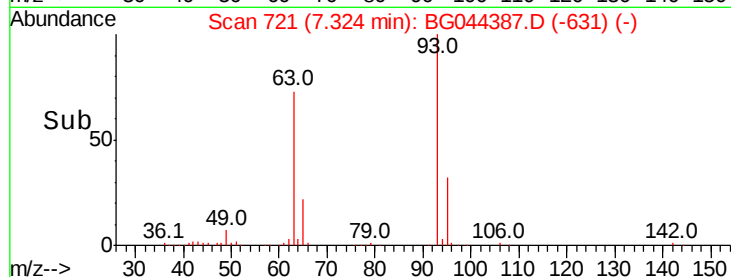
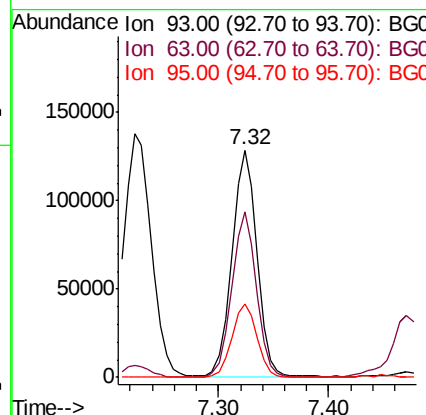
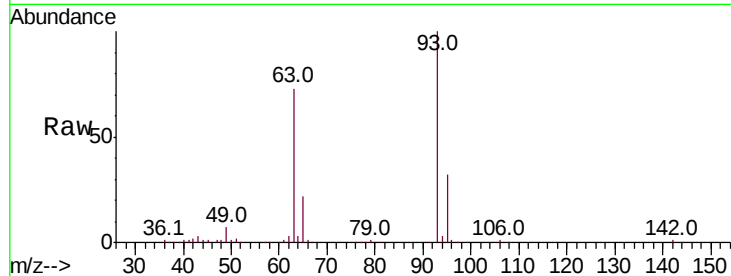




#11
bis(2-Chloroethyl)ether
Concen: 39.461 ng
RT: 7.32 min Scan# 721
Delta R.T. 0.00 min
Lab File: BG044387.D
Acq: 11 Feb 2020 13:45

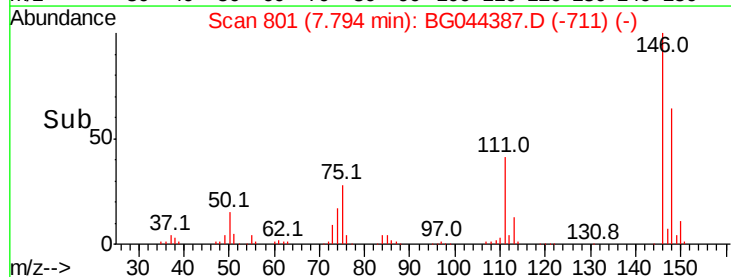
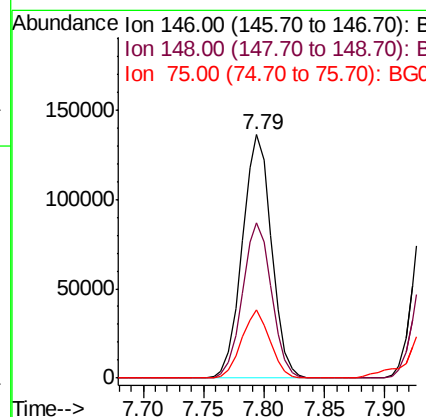
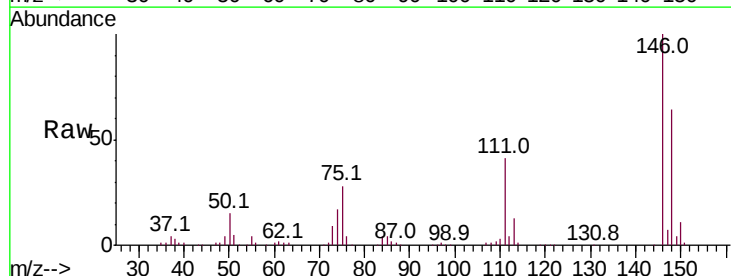
Instrument :
BNA_G
ClientSampleId :
PB126698BS

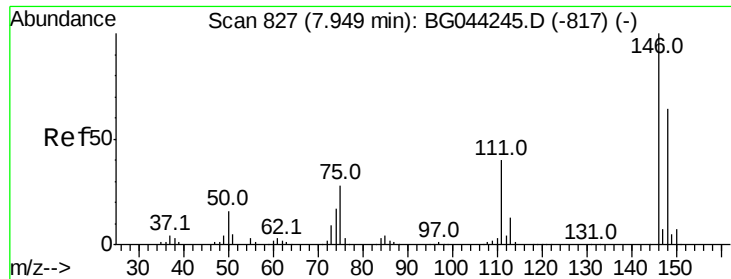
Tot Ion: 93 Resp: 204125
Ion Ratio Lower Upper
93 100
63 72.7 49.2 89.2
95 32.2 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 38.433 ng
RT: 7.79 min Scan# 801
Delta R.T. 0.00 min
Lab File: BG044387.D
Acq: 11 Feb 2020 13:45

Tgt Ion: 146 Resp: 229612
Ion Ratio Lower Upper
146 100
148 63.7 51.8 77.8
75 27.9 23.7 35.5

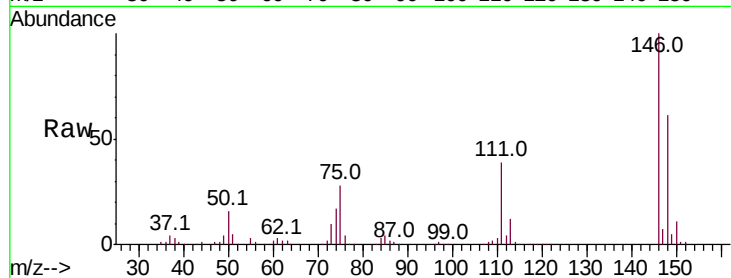




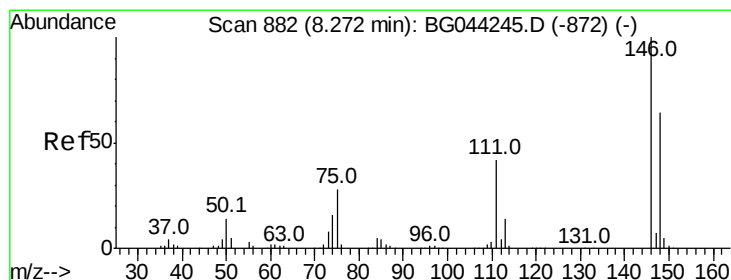
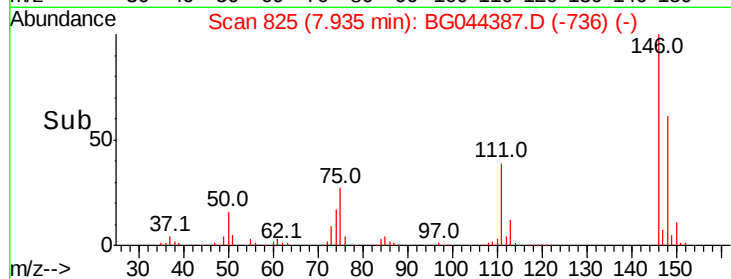
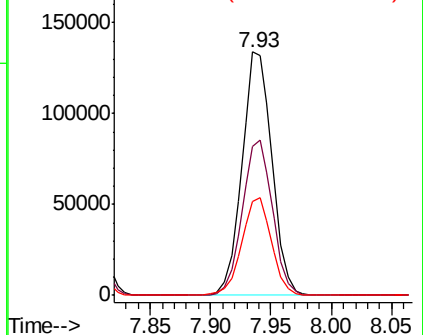
#13
 1,4-Dichlorobenzene
 Concen: 39.028 ng
 RT: 7.93 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BG044387.D
 Acq: 11 Feb 2020 13:45

Instrument :
 BNA_G
 ClientSampleId :
 PB126698BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.2	51.4	77.0
111	38.8	31.8	47.8

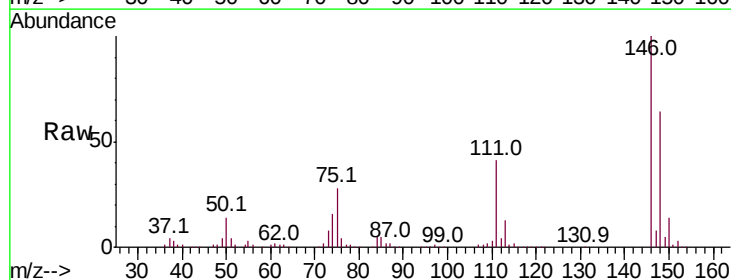


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

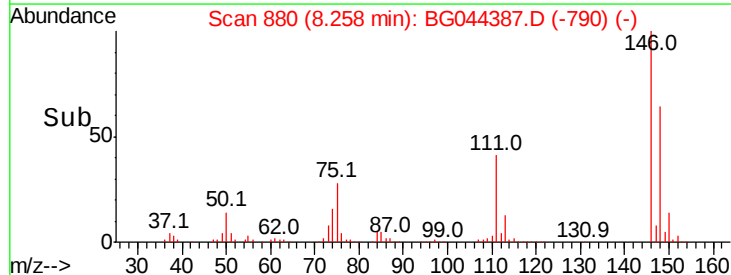
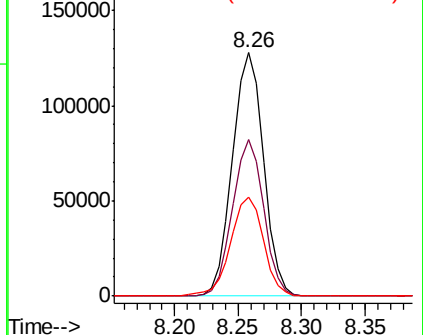


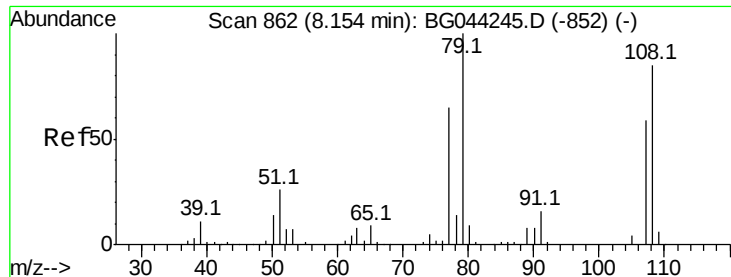
#14
 1,2-Dichlorobenzene
 Concen: 38.768 ng
 RT: 8.26 min Scan# 880
 Delta R.T. 0.00 min
 Lab File: BG044387.D
 Acq: 11 Feb 2020 13:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.2	76.8
111	40.9	34.0	51.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

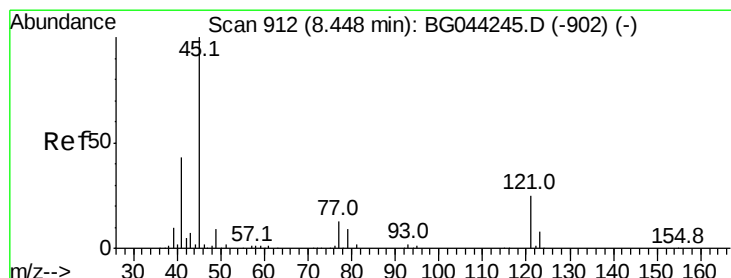
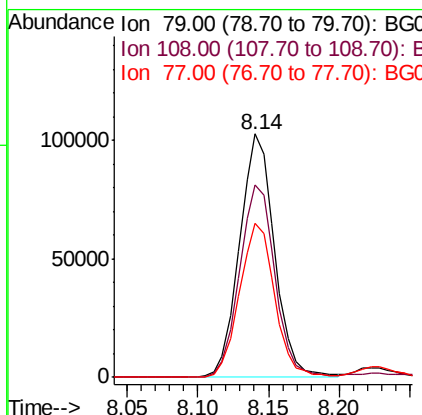
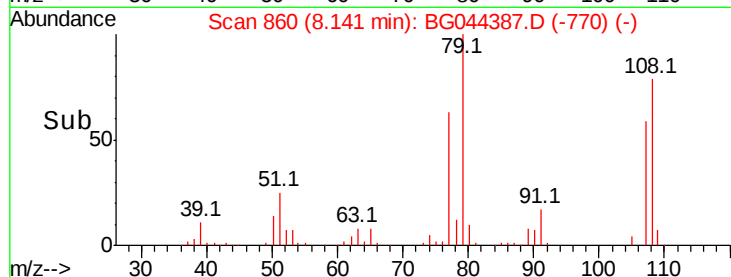
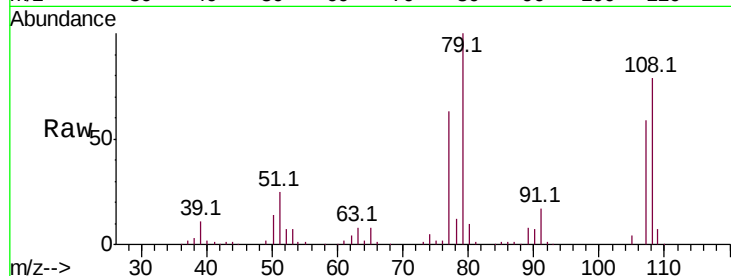




#15
Benzyl Alcohol
Concen: 41.153 ng
RT: 8.14 min Scan# 860
Delta R.T. 0.00 min
Lab File: BG044387.D
Acq: 11 Feb 2020 13:45

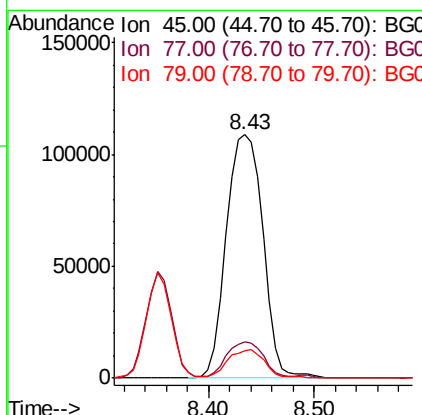
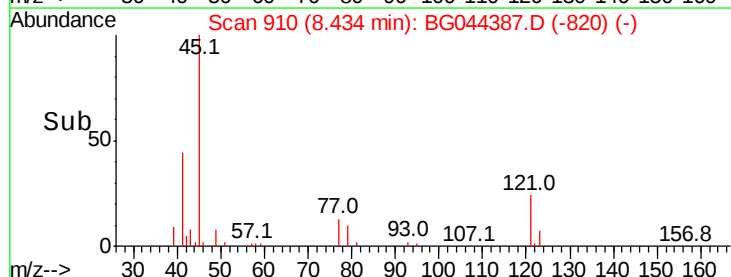
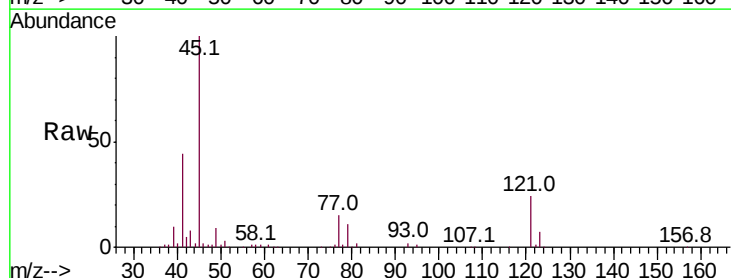
Instrument :
BNA_G
ClientSampleId :
PB126698BS

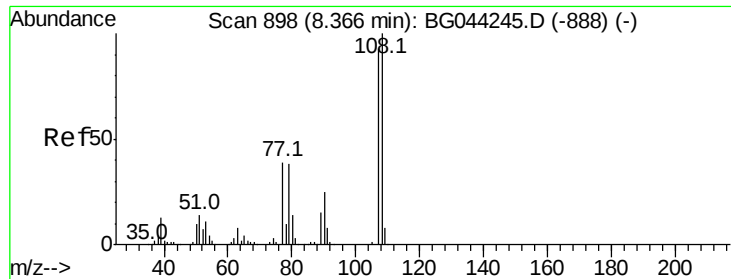
Tot Ion: 79 Resp: 178130
Ion Ratio Lower Upper
79 100
108 79.2 68.3 102.5
77 63.2 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.445 ng
RT: 8.43 min Scan# 910
Delta R.T. 0.00 min
Lab File: BG044387.D
Acq: 11 Feb 2020 13:45

Tgt Ion: 45 Resp: 262166
Ion Ratio Lower Upper
45 100
77 14.6 0.0 35.2
79 11.4 0.0 31.1

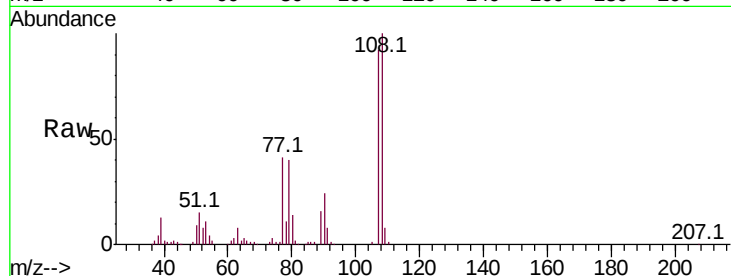




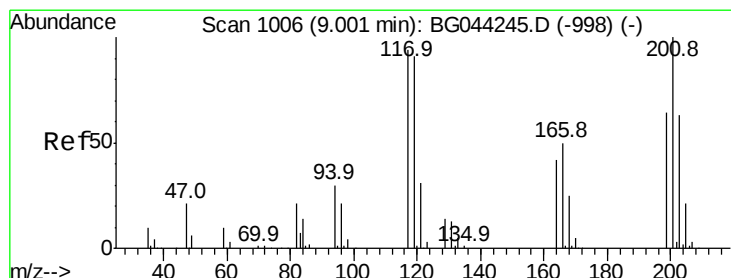
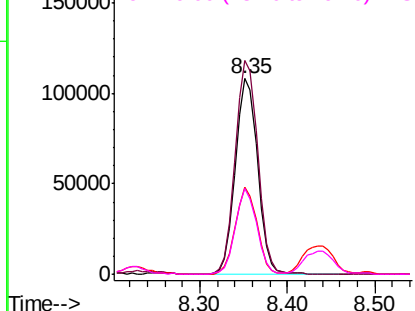
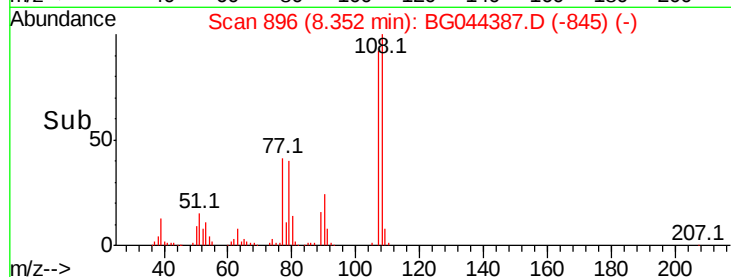
#17
2-Methylphenol
Concen: 43.001 ng
RT: 8.35 min Scan# 896
Delta R.T. 0.00 min
Lab File: BG044387.D
Acq: 11 Feb 2020 13:45

Instrument :
BNA_G
ClientSampleId :
PB126698BS

Tot Ion:107 Resp: 185637
Ion Ratio Lower Upper
107 100
108 109.3 86.4 129.6
77 44.4 34.0 51.0
79 43.6 32.9 49.3

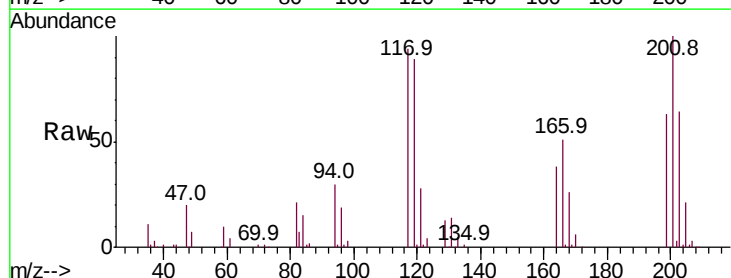


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

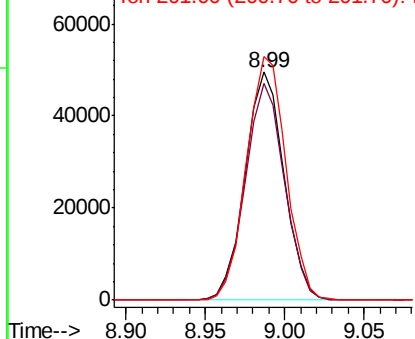
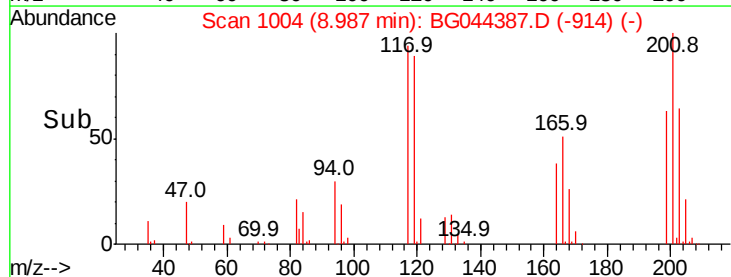


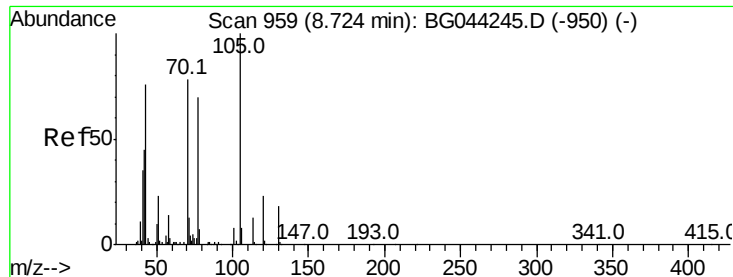
#18
Hexachloroethane
Concen: 38.026 ng
RT: 8.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BG044387.D
Acq: 11 Feb 2020 13:45

Tgt Ion:117 Resp: 84433
Ion Ratio Lower Upper
117 100
119 95.1 77.5 116.3
201 106.7 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

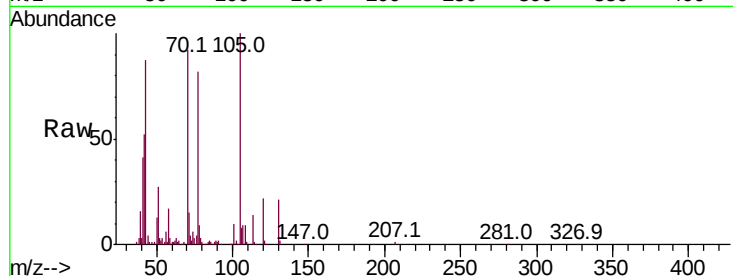




#19
n-Nitroso-di-n-propylamine
Concen: 37.862 ng
RT: 8.71 min Scan# 957
Delta R.T. 0.00 min
Lab File: BG044387.D
Acq: 11 Feb 2020 13:45

Instrument :
BNA_G
ClientSampleId :
PB126698BS

Tot Ion:	70	Resp:	154271
Ion	Ratio	Lower	Upper
70	100		
42	56.5	46.2	69.2
101	10.6	8.4	12.6
130	23.2	17.8	26.8



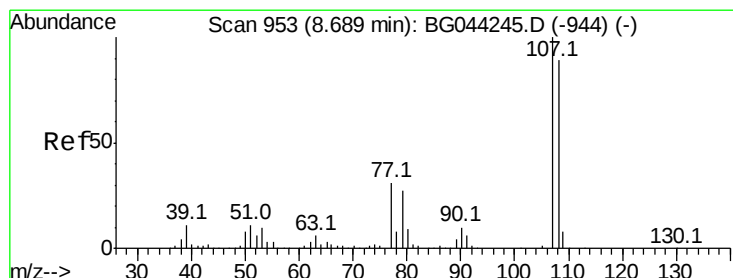
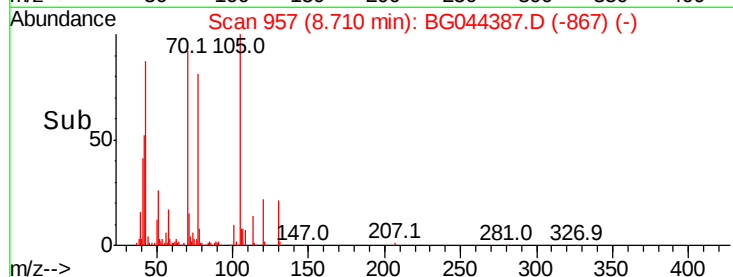
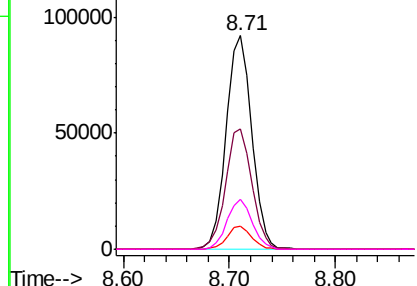
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

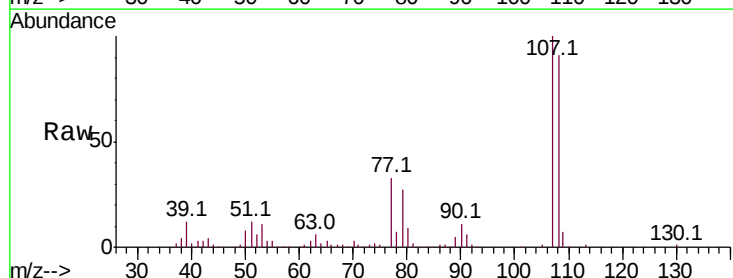
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 42.165 ng
RT: 8.68 min Scan# 952
Delta R.T. 0.00 min
Lab File: BG044387.D
Acq: 11 Feb 2020 13:45

Tgt Ion:	107	Resp:	250858
Ion	Ratio	Lower	Upper
107	100		
108	91.2	68.5	108.5
77	33.1	10.9	50.9
79	27.3	7.1	47.1



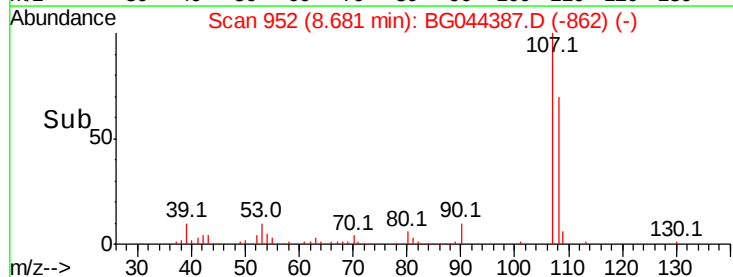
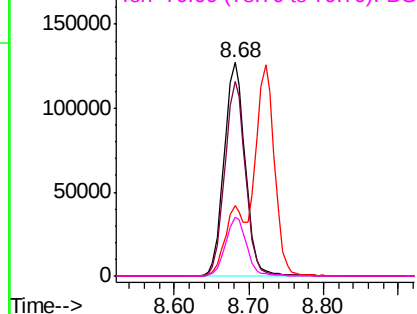
Abundance

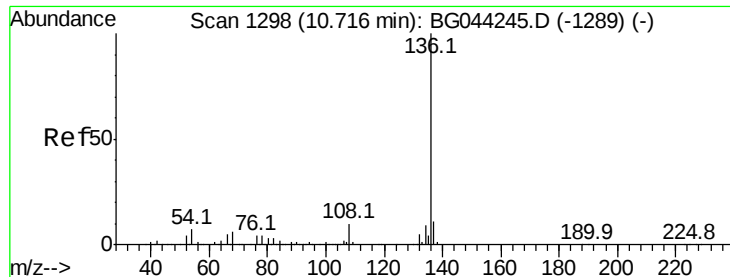
Ion 107.00 (106.70 to 107.70): BGC

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

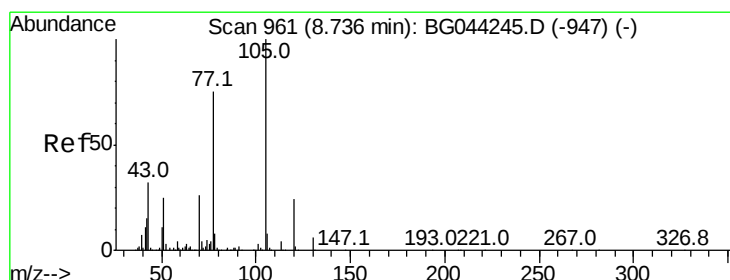
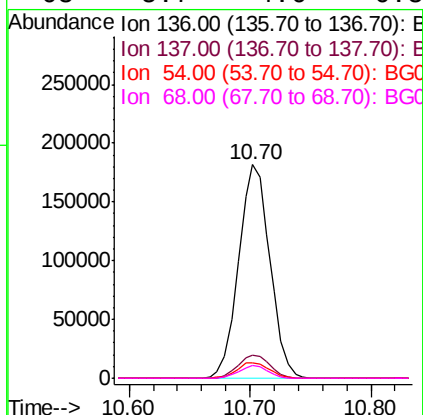
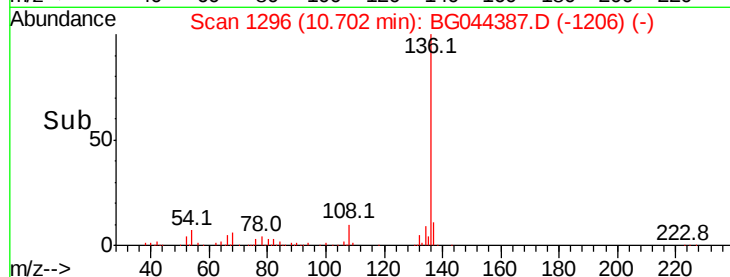
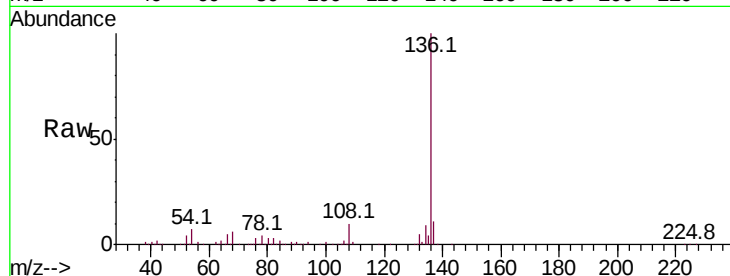




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.70 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BG044387.D
Acq: 11 Feb 2020 13:45

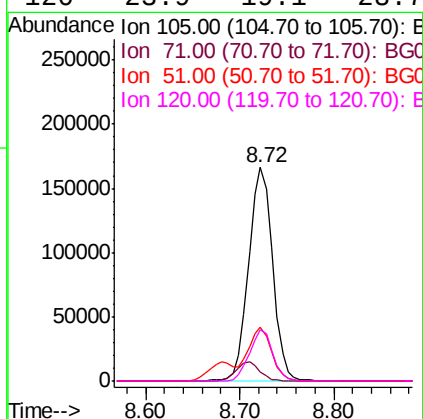
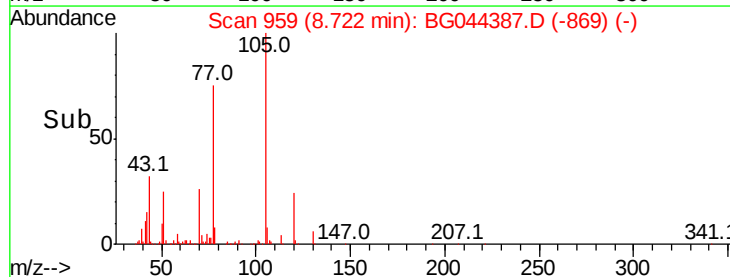
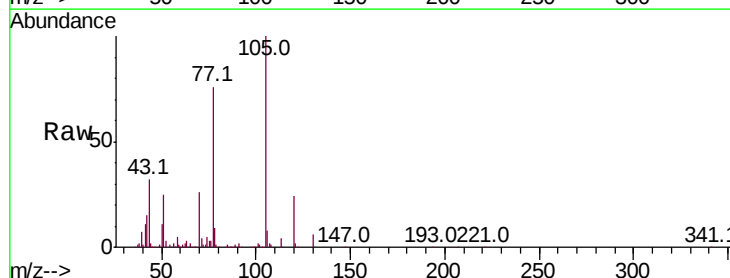
Instrument :
BNA_G
ClientSampleId :
PB126698BS

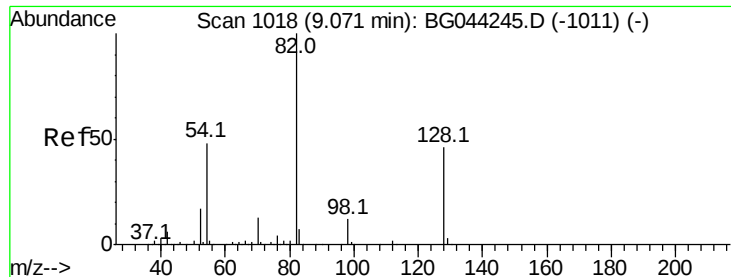
Tot Ion:136	Resp:	326536	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	8.8	13.2	
54 7.3	5.8	8.8	
68 5.7	4.6	6.8	



#22
Acetophenone
Concen: 37.127 ng
RT: 8.72 min Scan# 959
Delta R.T. 0.00 min
Lab File: BG044387.D
Acq: 11 Feb 2020 13:45

Tgt	Ion:105	Resp:	294924
Ion	Ratio	Lower	Upper
105	100		
71	4.4	3.4	5.0
51	25.1	20.2	30.4
120	23.9	19.1	28.7

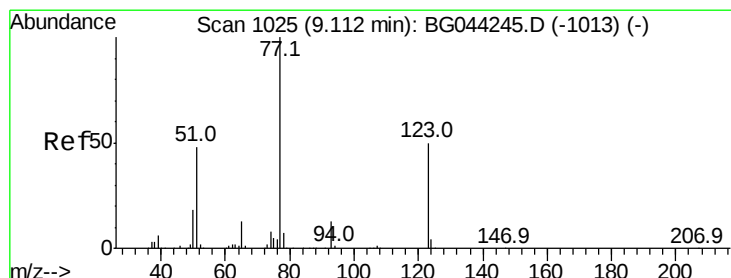
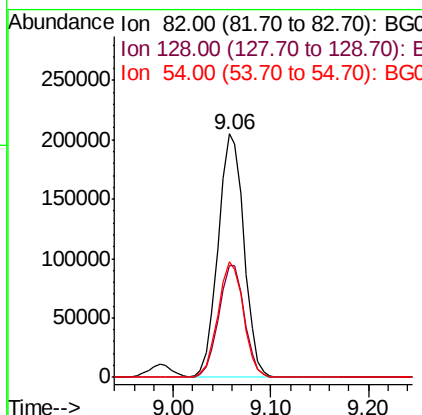
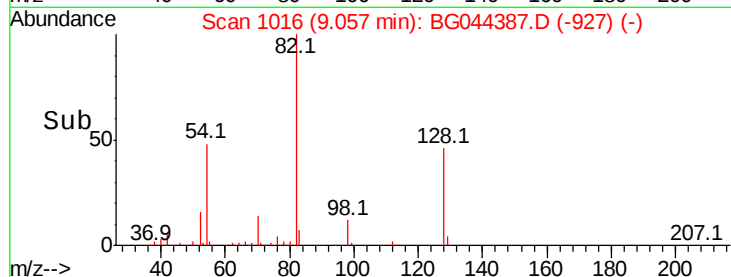
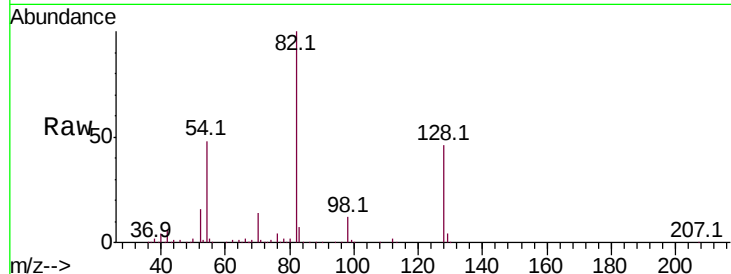




#23
Nitrobenzene-d5
Concen: 64.814 ng
RT: 9.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BG044387.D
Acq: 11 Feb 2020 13:45

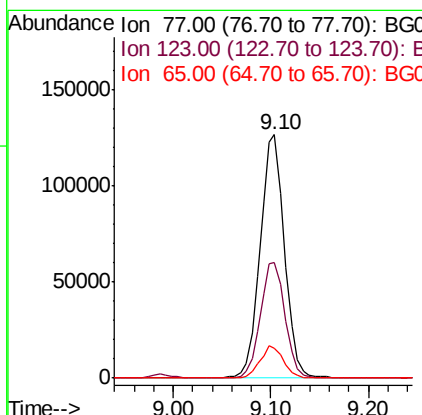
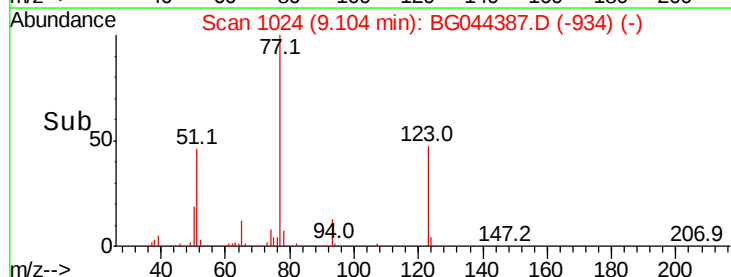
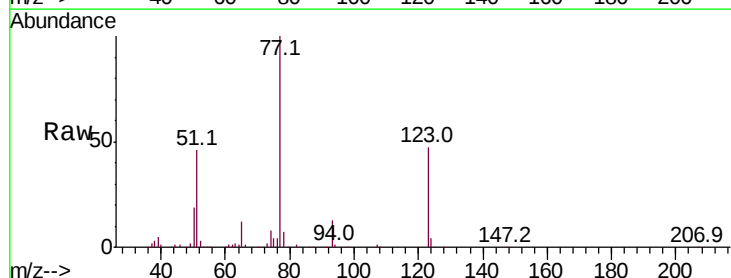
Instrument :
BNA_G
ClientSampled :
PB126698BS

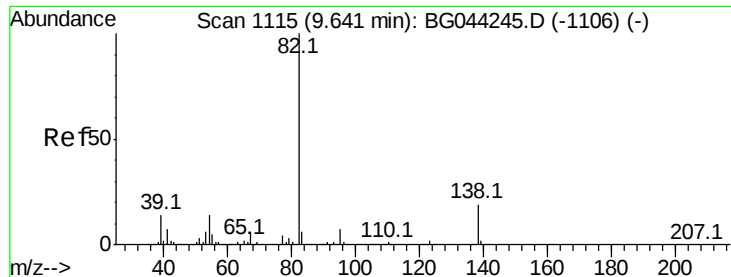
Tot Ion: 82 Resp: 374874
Ion Ratio Lower Upper
82 100
128 45.9 36.5 54.7
54 47.6 38.6 58.0



#24
Nitrobenzene
Concen: 39.364 ng
RT: 9.10 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BG044387.D
Acq: 11 Feb 2020 13:45

Tgt Ion: 77 Resp: 222270
Ion Ratio Lower Upper
77 100
123 47.5 39.9 59.9
65 12.3 10.4 15.6





#25

Isophorone

Concen: 38.983 ng

RT: 9.63 min Scan# 1113

Delta R.T. -0.01 min

Lab File: BG044387.D

Acq: 11 Feb 2020 13:45

Instrument :

BNA_G

ClientSampleId :

PB126698BS

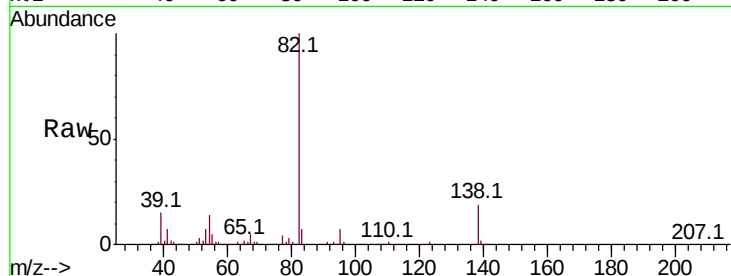
Tot Ion: 82 Resp: 420252

Ion Ratio Lower Upper

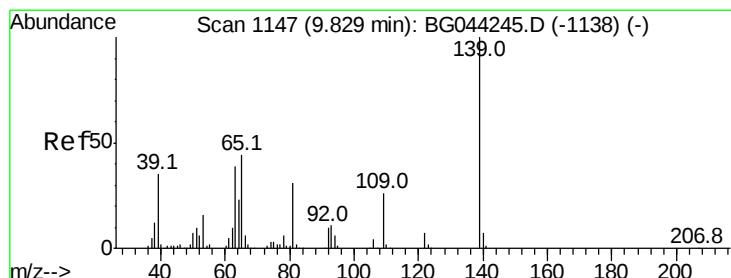
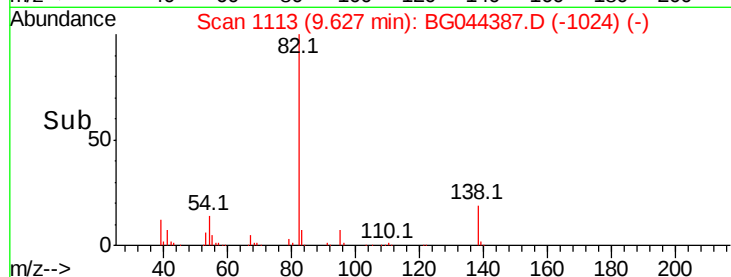
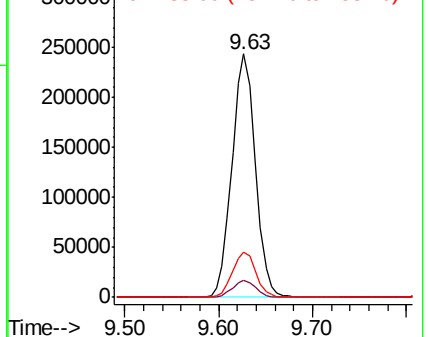
82 100

95 7.0 5.7 8.5

138 18.8 15.0 22.4



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 41.192 ng

RT: 9.82 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BG044387.D

Acq: 11 Feb 2020 13:45

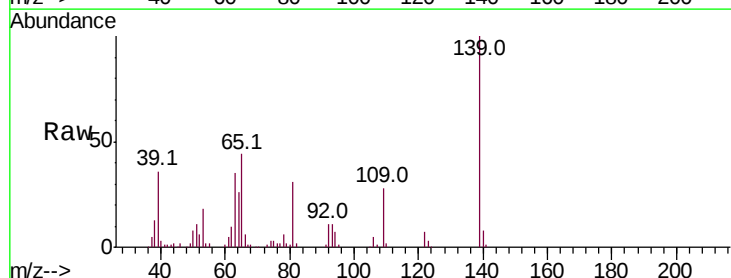
Tgt Ion: 139 Resp: 120687

Ion Ratio Lower Upper

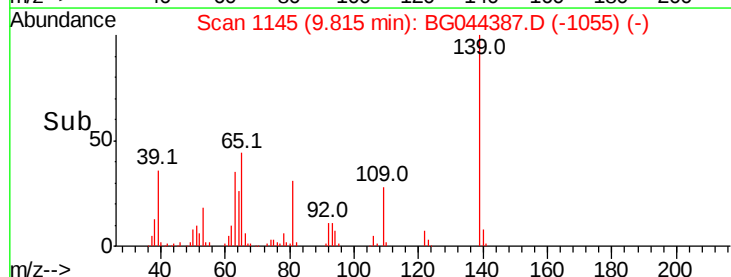
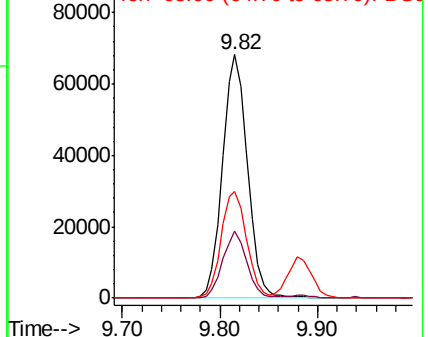
139 100

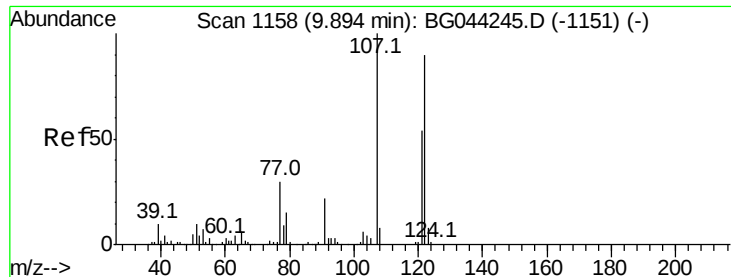
109 27.6 21.0 31.4

65 44.0 35.0 52.4



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

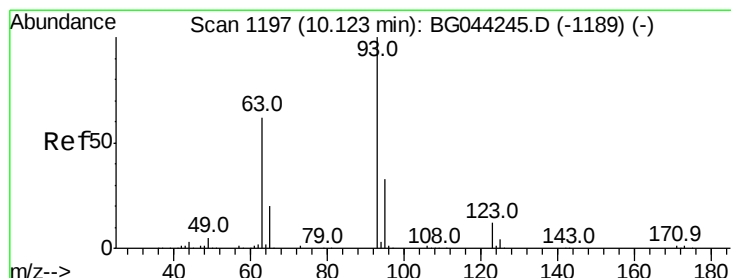
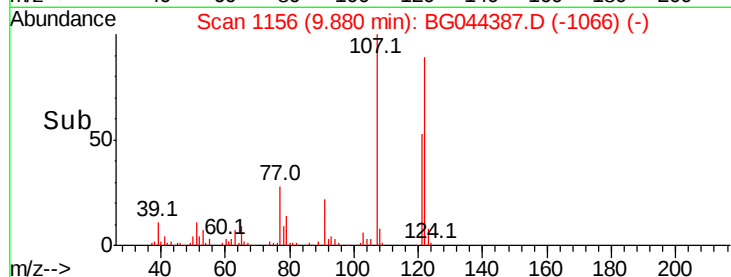
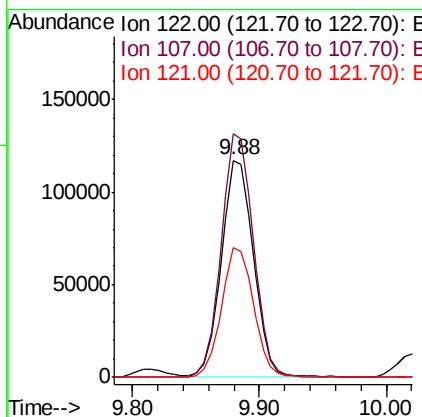
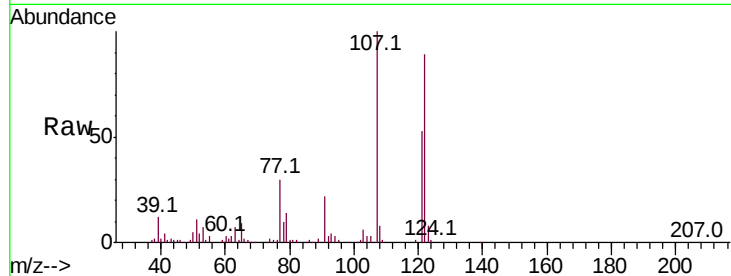




#27
2,4-Dimethylphenol
Concen: 49.434 ng
RT: 9.88 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BG044387.D
Acq: 11 Feb 2020 13:45

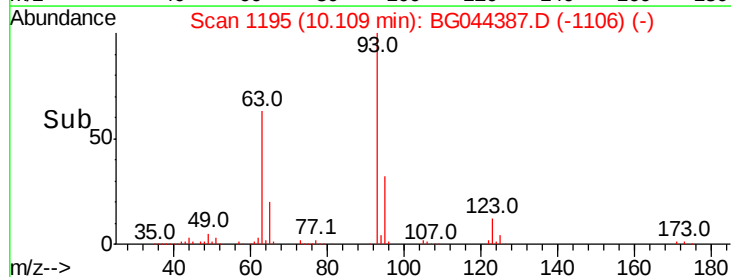
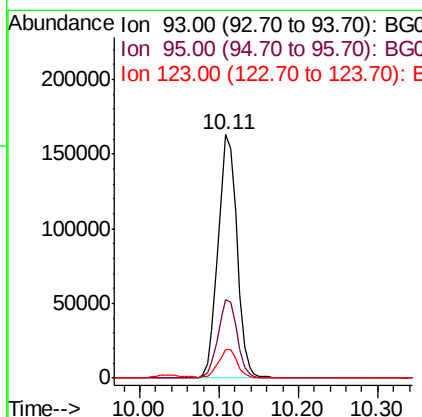
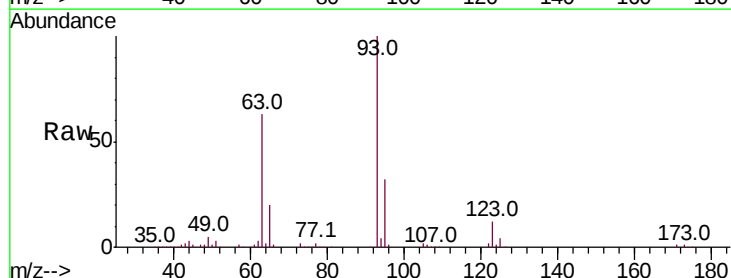
Instrument :
BNA_G
ClientSampleId :
PB126698BS

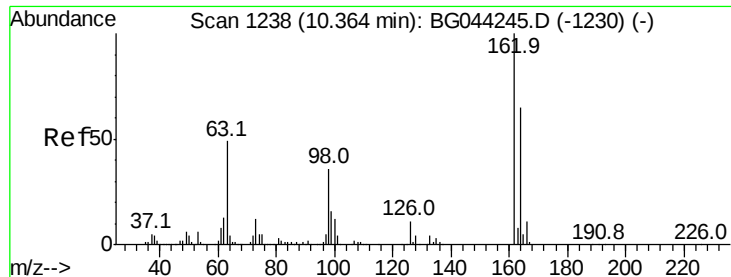
Tot Ion	Ratio	Lower	Upper
122	100		
107	112.2	88.8	133.2
121	59.7	48.3	72.5



#28
bis(2-Chloroethoxy)methane
Concen: 37.647 ng
RT: 10.11 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BG044387.D
Acq: 11 Feb 2020 13:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.6	40.0
123	11.8	10.0	15.0

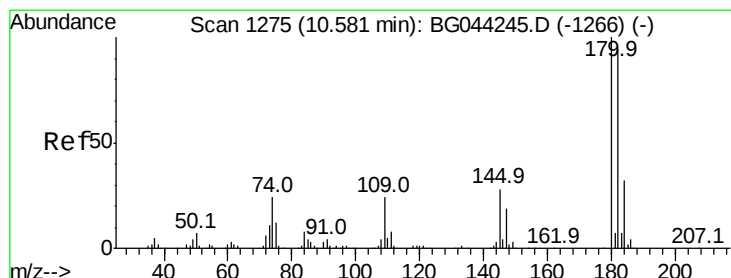
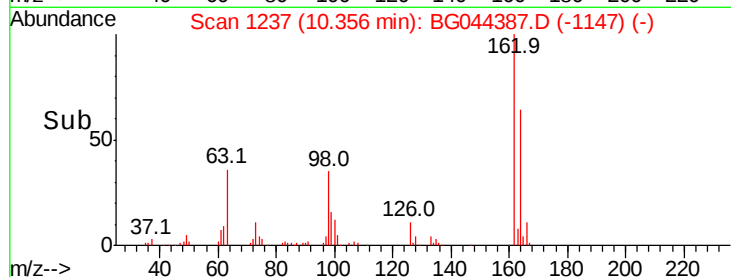
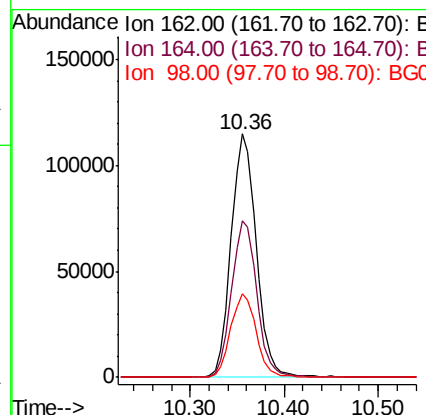
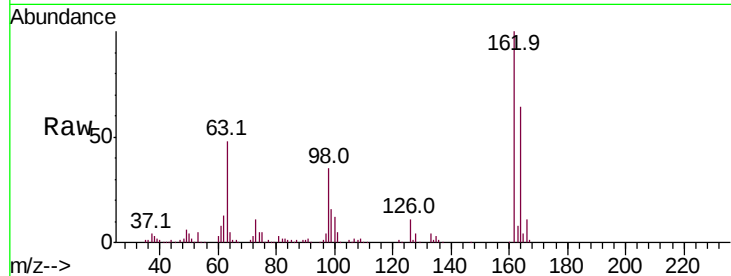




#29
 2,4-Dichlorophenol
 Concen: 42.753 ng
 RT: 10.36 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: BG044387.D
 Acq: 11 Feb 2020 13:45

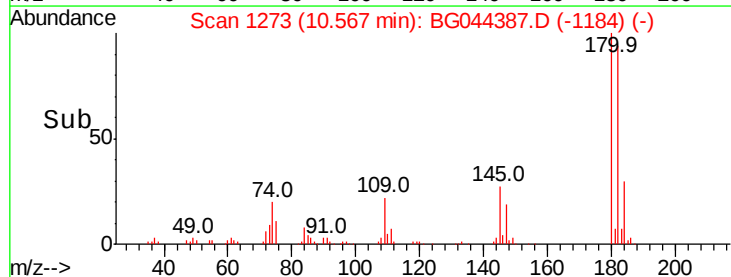
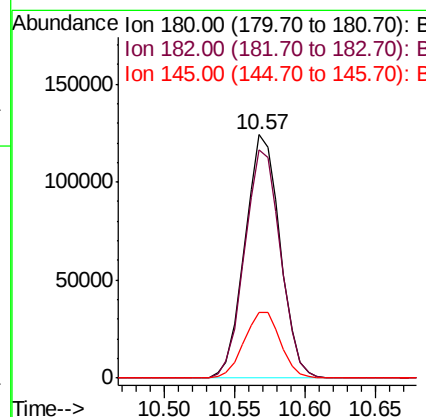
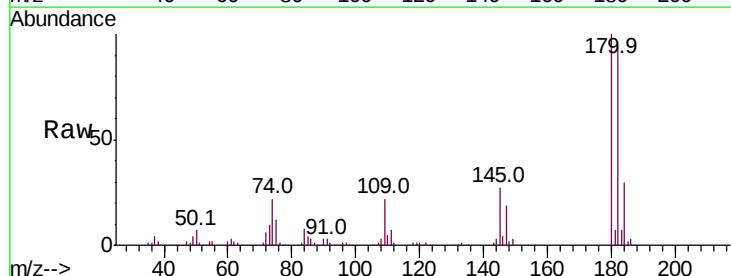
Instrument :
 BNA_G
 ClientSampleId :
 PB126698BS

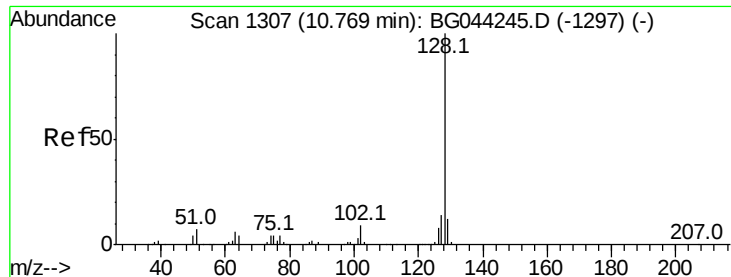
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.7	84.7
98	34.6	15.8	55.8



#30
 1,2,4-Trichlorobenzene
 Concen: 37.908 ng
 RT: 10.57 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: BG044387.D
 Acq: 11 Feb 2020 13:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	75.5	113.3
145	27.2	22.6	34.0





#31

Naphthalene

Concen: 39.880 ng

RT: 10.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BG044387.D

Acq: 11 Feb 2020 13:45

Instrument :

BNA_G

ClientSampleId :

PB126698BS

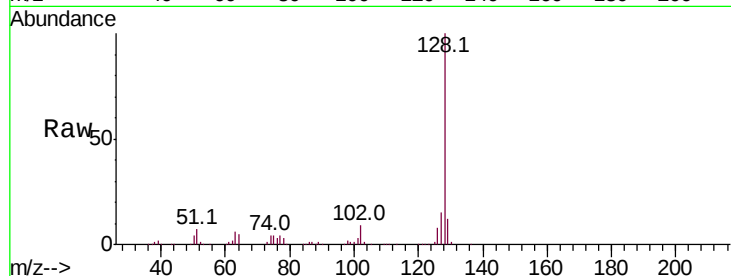
Tot Ion:128 Resp: 631798

Ion Ratio Lower Upper

128 100

129 11.7 9.3 13.9

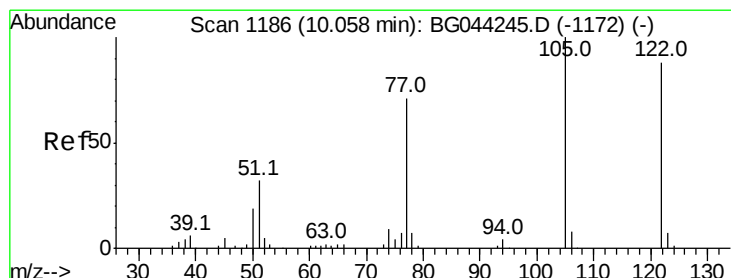
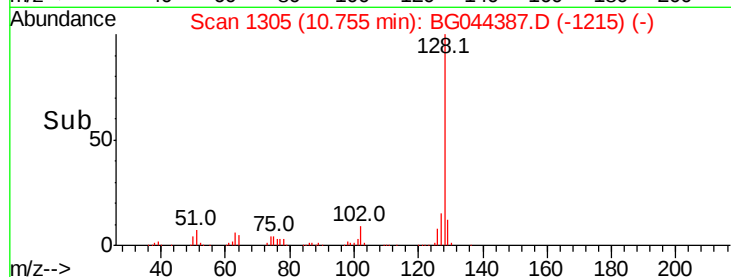
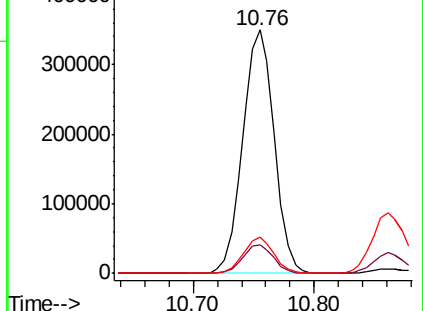
127 14.7 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.877 ng

RT: 10.04 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BG044387.D

Acq: 11 Feb 2020 13:45

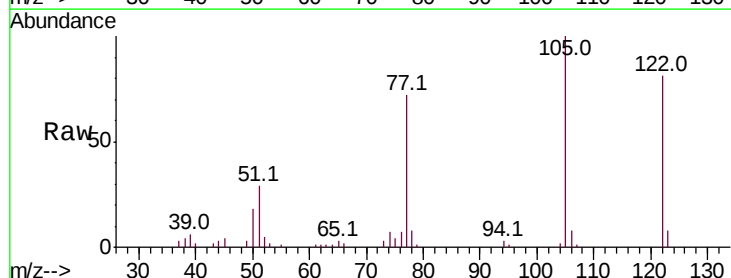
Tgt Ion:122 Resp: 80038

Ion Ratio Lower Upper

122 100

105 123.9 93.5 133.5

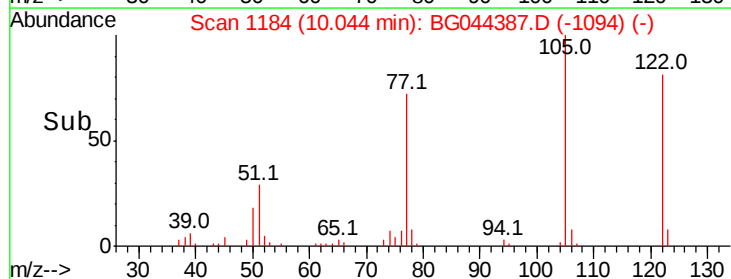
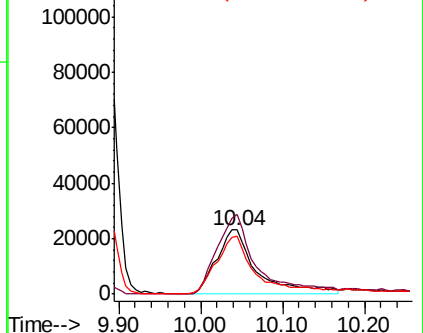
77 89.7 61.0 101.0

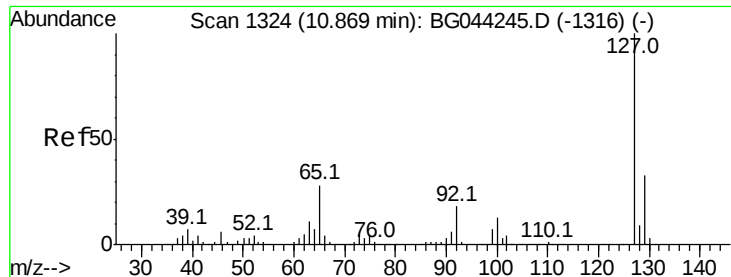


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

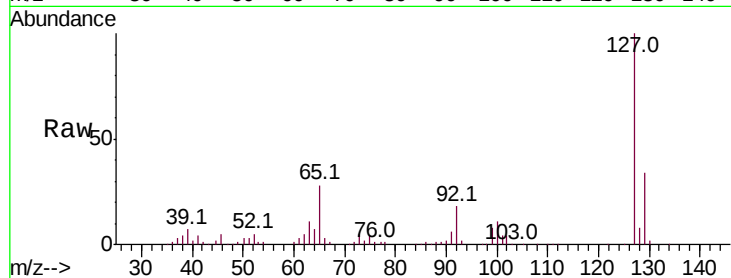




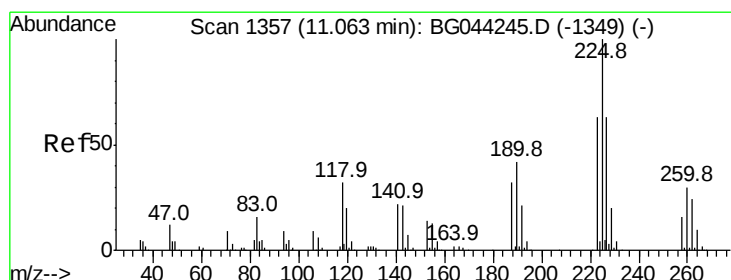
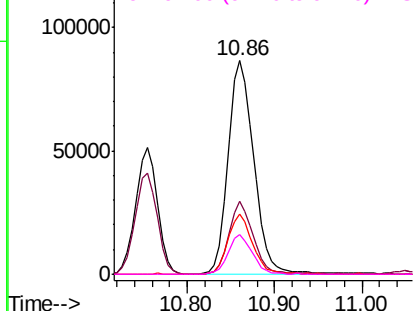
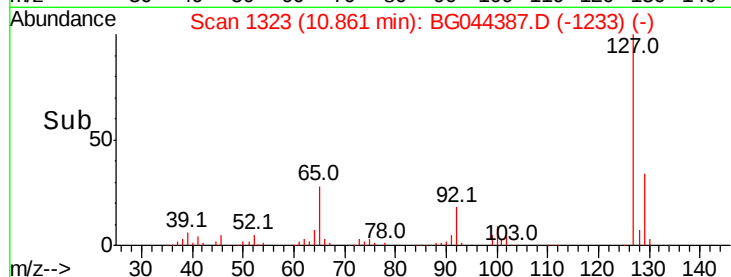
#33
4-Chloroaniline
Concen: 24.202 ng
RT: 10.86 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BG044387.D
Acq: 11 Feb 2020 13:45

Instrument :
BNA_G
ClientSampleId :
PB126698BS

Tot Ion:	127	Resp:	174380
Ion	Ratio	Lower	Upper
127	100		
129	34.4	26.6	40.0
65	28.0	22.5	33.7
92	18.4	14.1	21.1

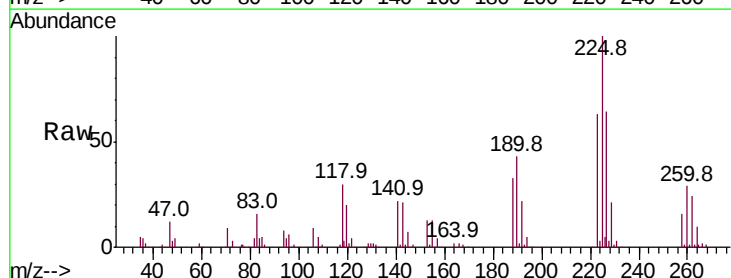


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

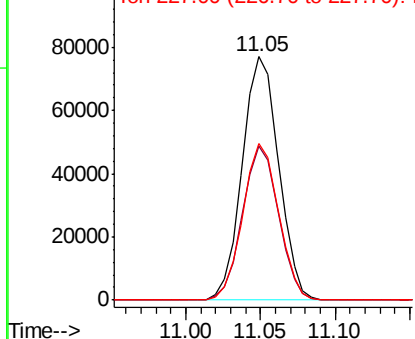
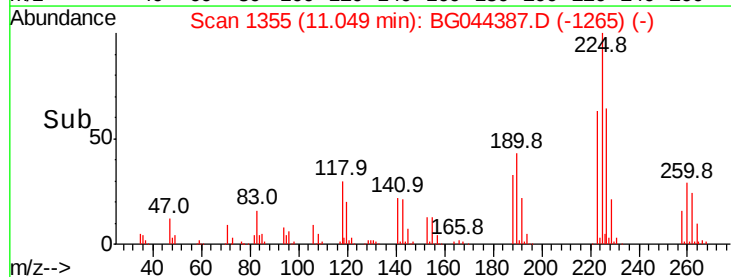


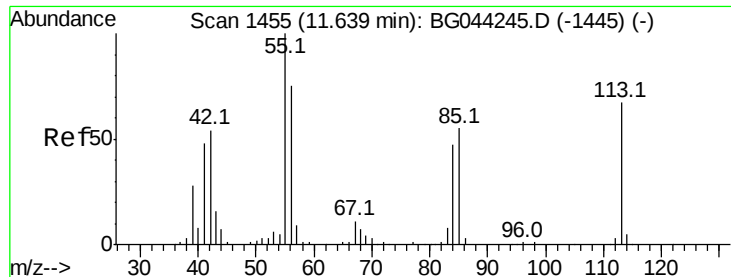
#34
Hexachlorobutadiene
Concen: 36.827 ng
RT: 11.05 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BG044387.D
Acq: 11 Feb 2020 13:45

Tgt Ion:	225	Resp:	129945
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.2	75.4
227	64.5	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: 22.111 ng

RT: 11.62 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BG044387.D

Acq: 11 Feb 2020 13:45

Instrument :

BNA_G

ClientSampleId :

PB126698BS

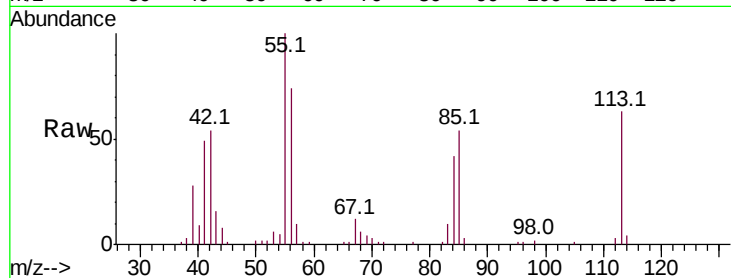
Tot Ion:113 Resp: 40507

Ion Ratio Lower Upper

113 100

55 159.3 129.9 169.9

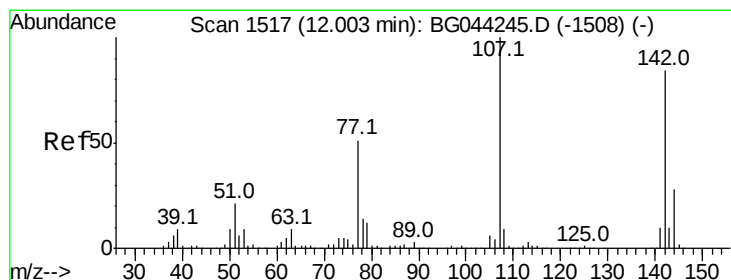
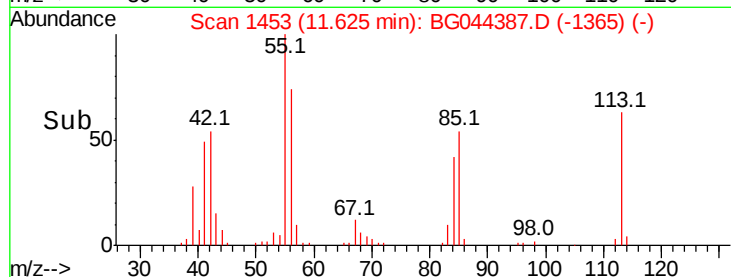
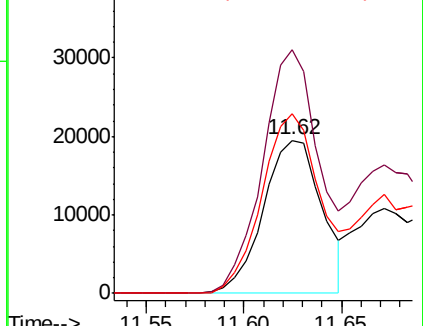
56 117.2 92.5 132.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 42.392 ng

RT: 11.99 min Scan# 1516

Delta R.T. 0.00 min

Lab File: BG044387.D

Acq: 11 Feb 2020 13:45

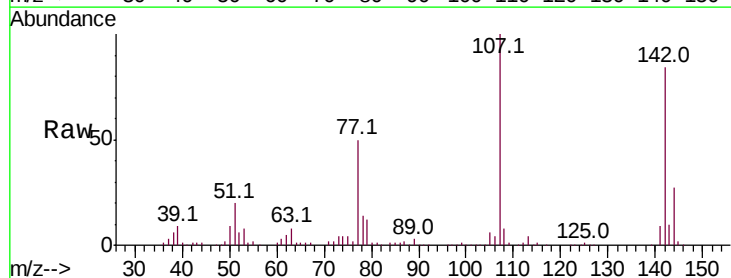
Tgt Ion:107 Resp: 222274

Ion Ratio Lower Upper

107 100

144 27.4 22.2 33.4

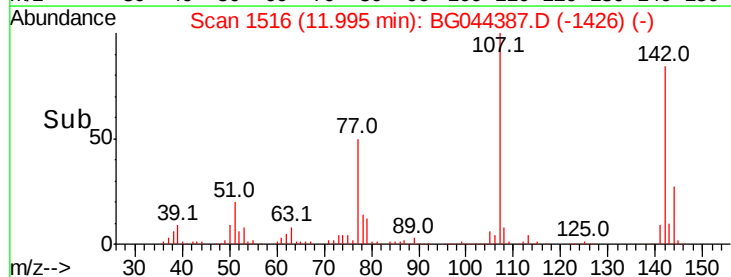
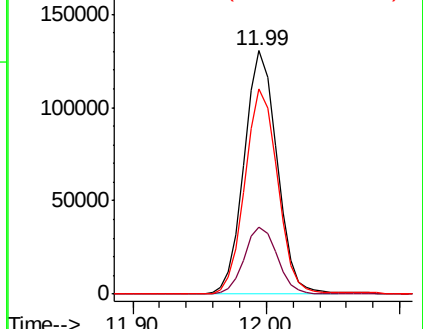
142 84.2 67.4 101.0

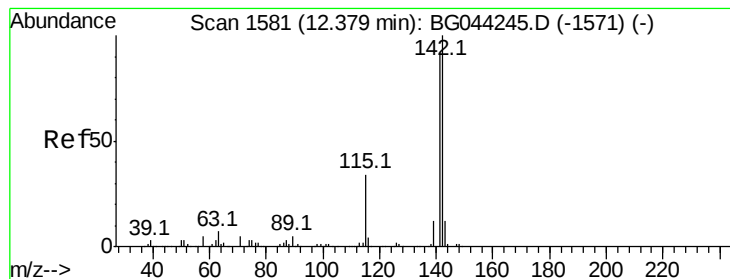


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.703 ng

RT: 12.36 min Scan# 1579

Delta R.T. 0.00 min

Lab File: BG044387.D

Acq: 11 Feb 2020 13:45

Instrument :

BNA_G

ClientSampleId :

PB126698BS

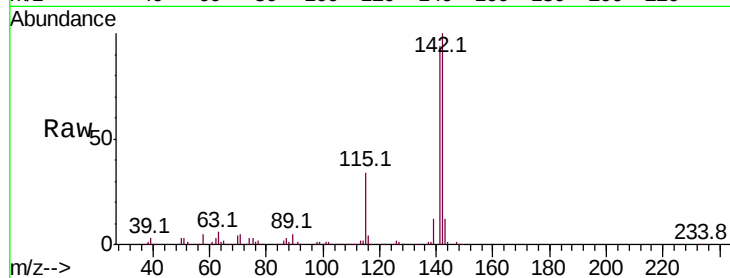
Tot Ion:142 Resp: 467011

Ion Ratio Lower Upper

142 100

141 94.2 73.2 109.8

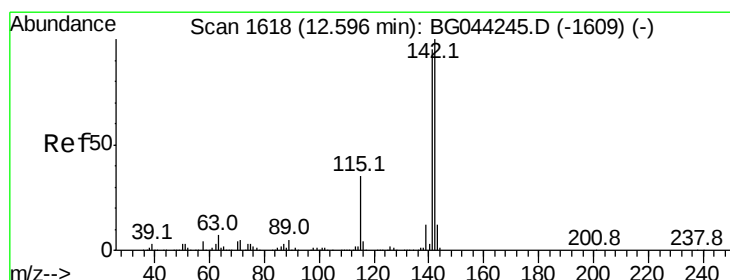
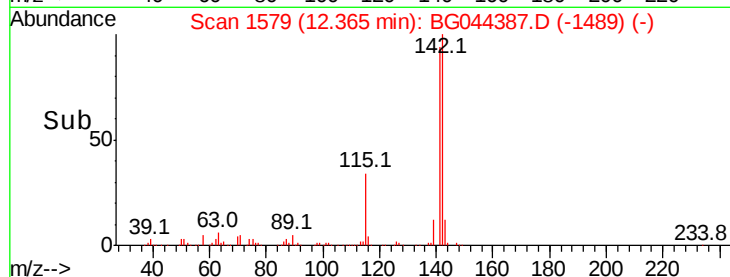
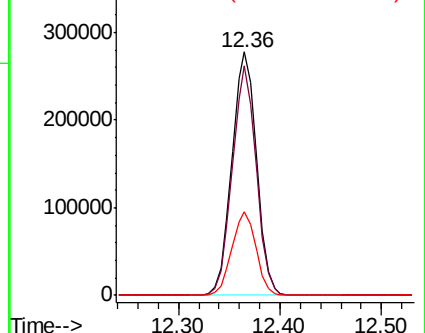
115 34.2 27.1 40.7



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: 40.582 ng

RT: 12.58 min Scan# 1616

Delta R.T. 0.00 min

Lab File: BG044387.D

Acq: 11 Feb 2020 13:45

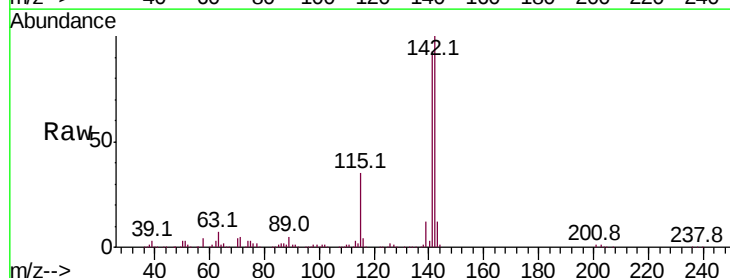
Tgt Ion:142 Resp: 450045

Ion Ratio Lower Upper

142 100

141 93.1 75.8 113.6

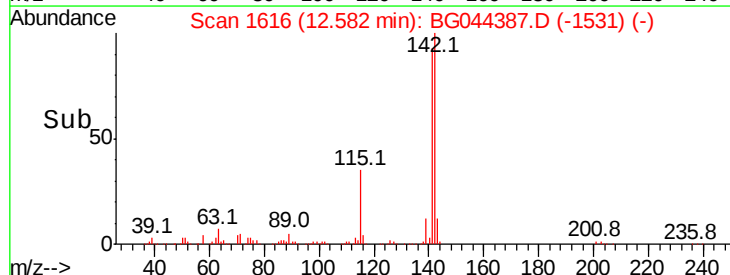
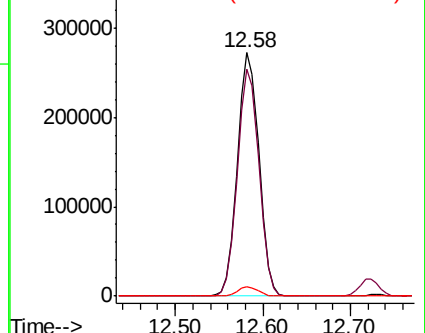
116 4.1 3.1 4.7

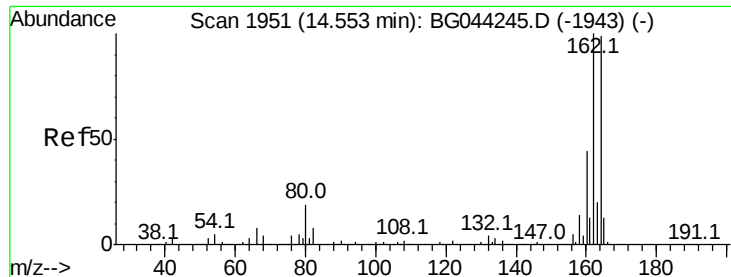


Abundance Ion 142.00 (141.70 to 142.70): E

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# 1950

Delta R.T. 0.00 min

Lab File: BG044387.D

Acq: 11 Feb 2020 13:45

Instrument :

BNA_G

ClientSampleId :

PB126698BS

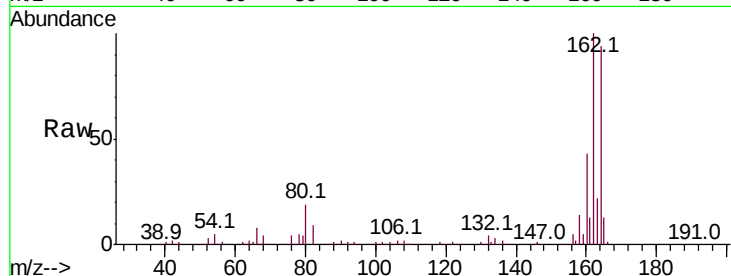
Tot Ion:164 Resp: 212556

Ion Ratio Lower Upper

164 100

162 106.6 80.7 121.1

160 45.5 35.3 52.9

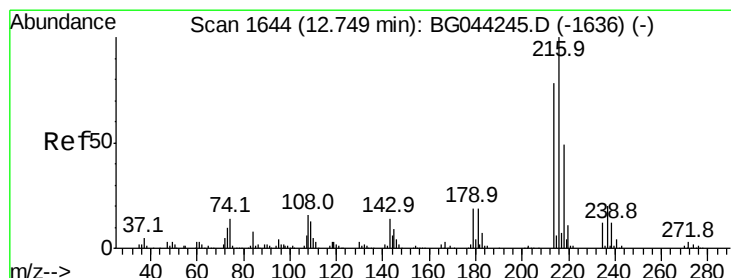
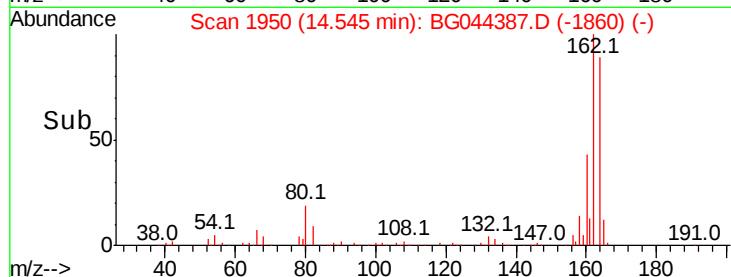
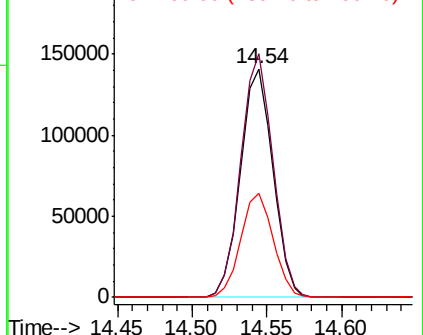


Abundance

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: 36.420 ng

RT: 12.74 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BG044387.D

Acq: 11 Feb 2020 13:45

Tgt Ion:216 Resp: 231566

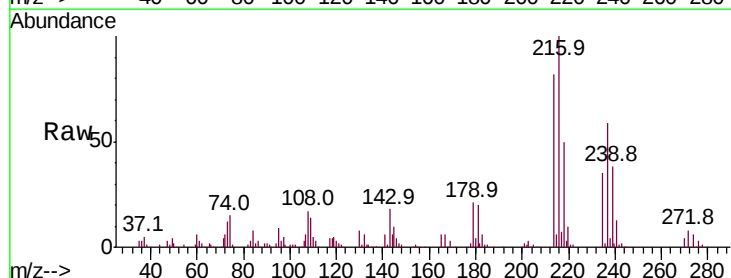
Ion Ratio Lower Upper

216 100

214 79.8 63.0 94.6

179 20.4 16.2 24.4

108 18.5 13.5 20.3



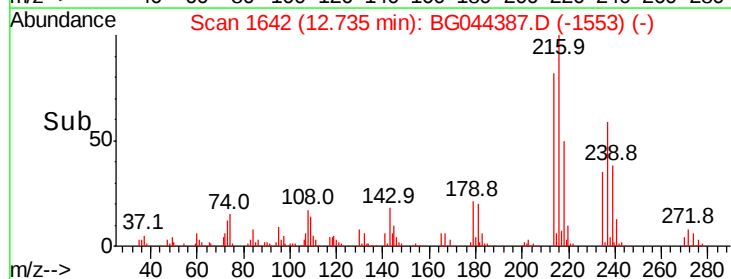
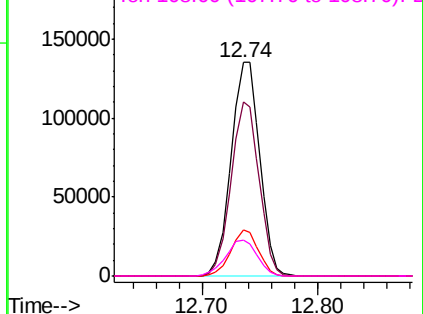
Abundance

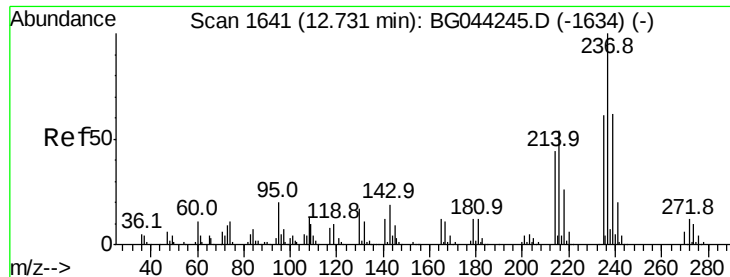
Ion 216.00 (215.70 to 216.70): E

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

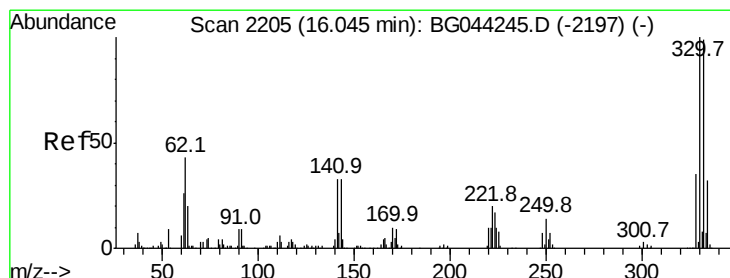
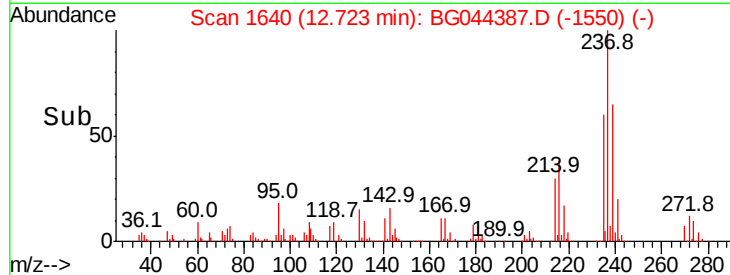
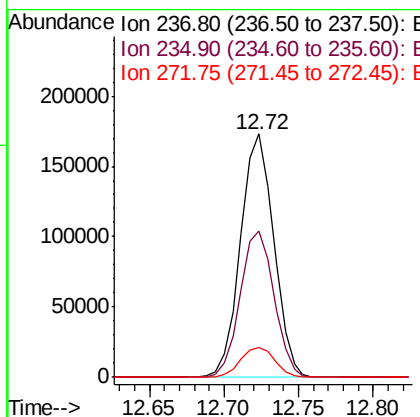
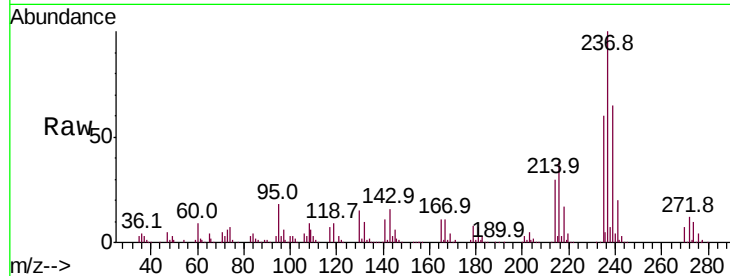




#41
Hexachlorocyclopentadiene
Concen: 87.775 ng
RT: 12.72 min Scan# 1640
Delta R.T. 0.00 min
Lab File: BG044387.D
Acq: 11 Feb 2020 13:45

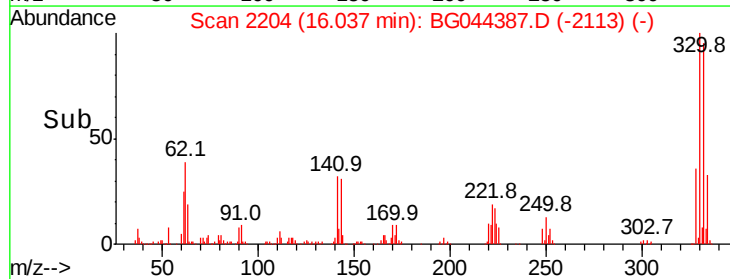
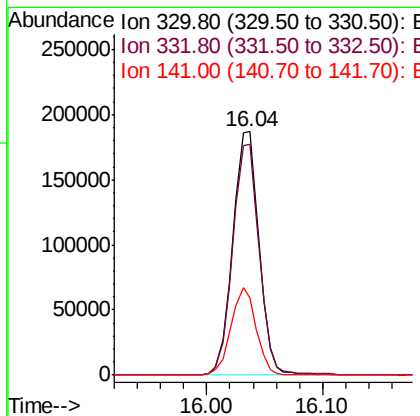
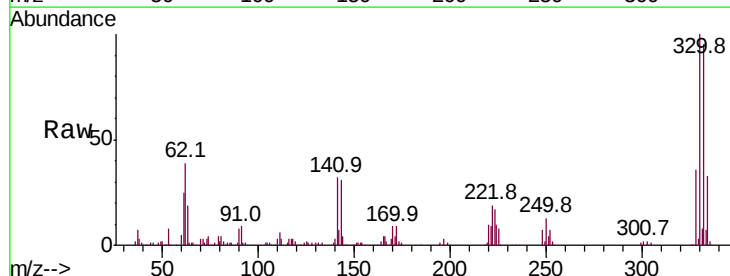
Instrument :
BNA_G
ClientSampleId :
PB126698BS

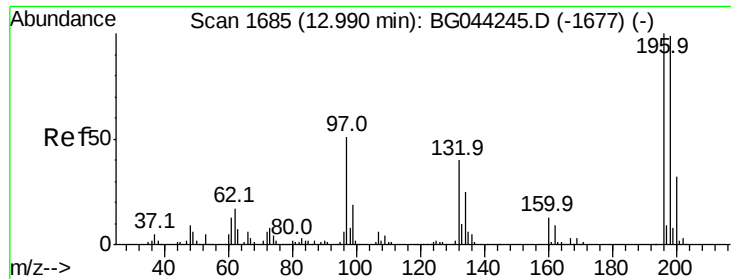
Tot Ion	Ratio	Lower	Upper
237	100		
235	59.9	41.2	81.2
272	12.4	0.0	32.4



#42
2,4,6-Tribromophenol
Concen: 118.029 ng
RT: 16.04 min Scan# 2204
Delta R.T. 0.01 min
Lab File: BG044387.D
Acq: 11 Feb 2020 13:45

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.2	115.8
141	34.8	28.3	42.5

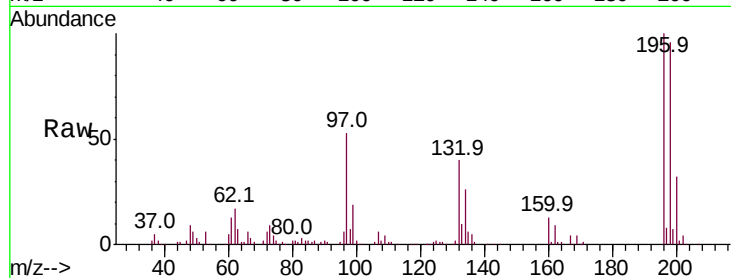




#43
 2,4,6-Trichlorophenol
 Concen: 41.126 ng
 RT: 12.98 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: BG044387.D
 Acq: 11 Feb 2020 13:45

Instrument :
 BNA_G
 ClientSampleId :
 PB126698BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.0	79.3	118.9
200	32.4	25.7	38.5

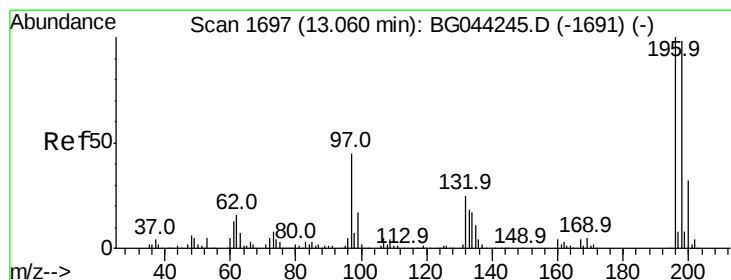
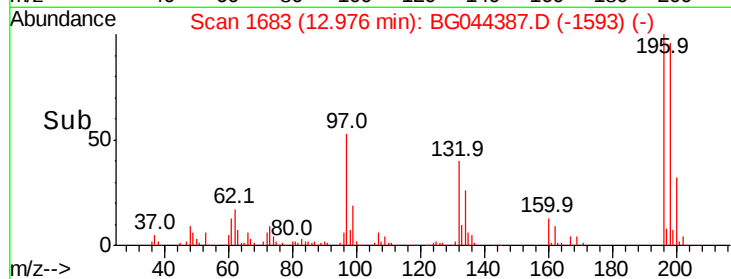
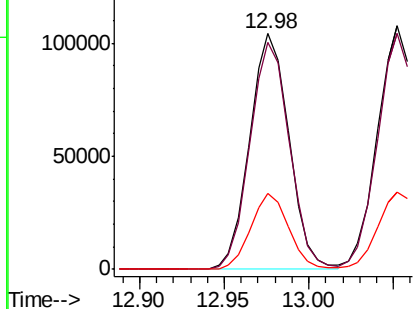


Abundance

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: 42.762 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. 0.00 min
 Lab File: BG044387.D
 Acq: 11 Feb 2020 13:45

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.7	78.2	117.2
97	47.4	36.2	54.4
132	27.5	20.2	30.4

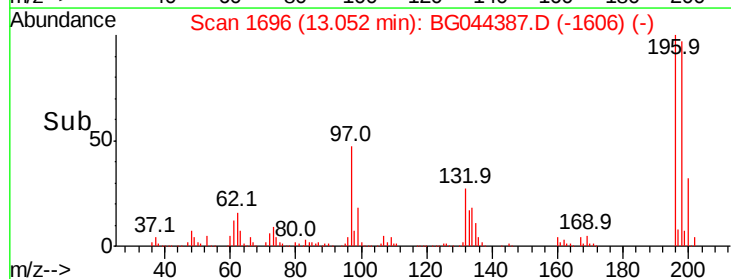
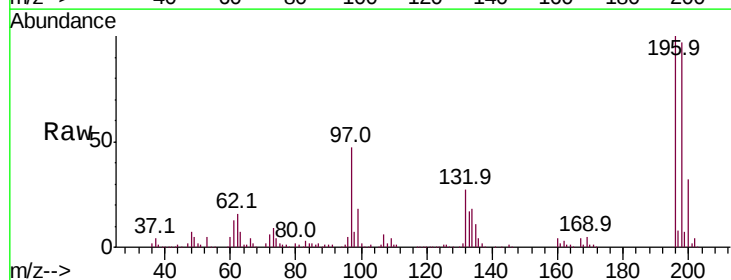
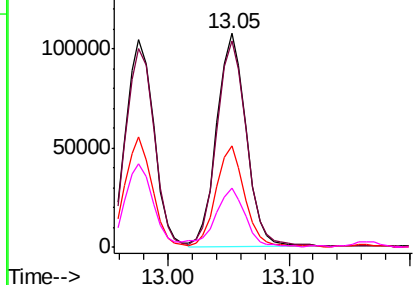
Abundance

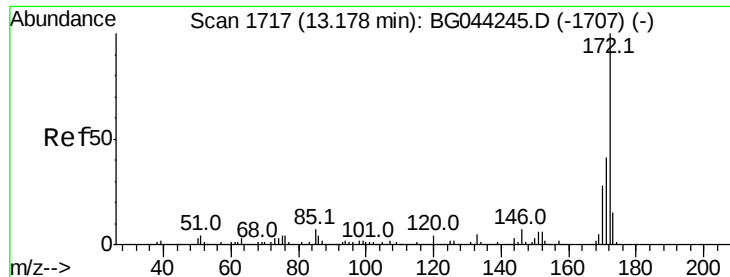
Ion 196.00 (195.70 to 196.70): E

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

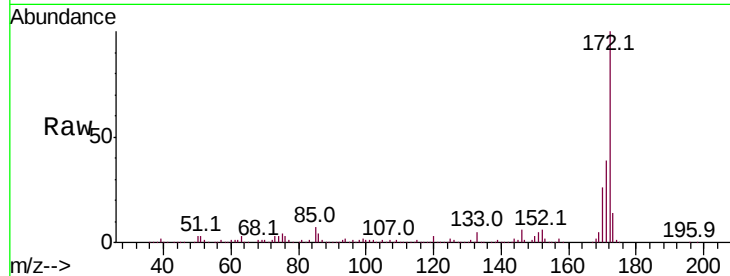




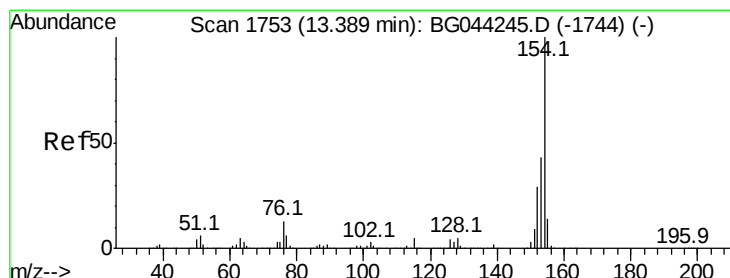
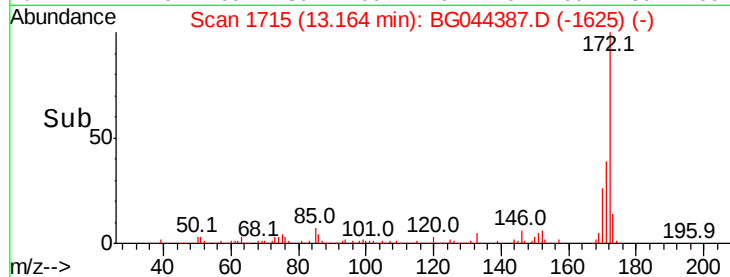
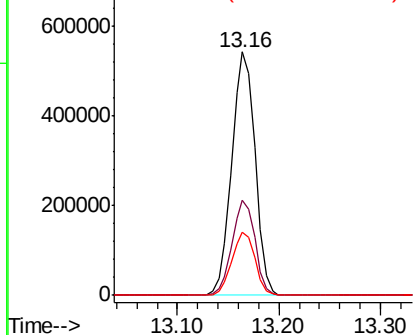
#45
2-Fluorobiphenyl
Concen: 68.098 ng
RT: 13.16 min Scan# 1715
Delta R.T. 0.00 min
Lab File: BG044387.D
Acq: 11 Feb 2020 13:45

Instrument :
BNA_G
ClientSampleId :
PB126698BS

Tot Ion:172 Resp: 864383
Ion Ratio Lower Upper
172 100
171 39.1 32.9 49.3
170 25.9 22.0 33.0

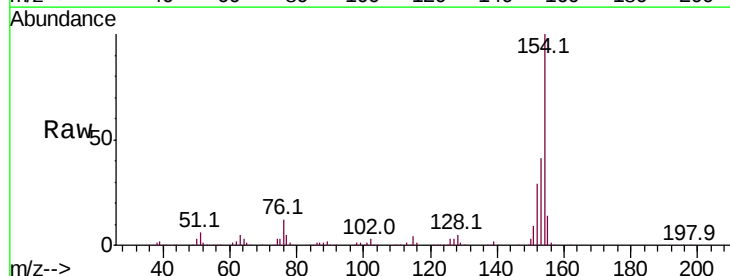


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

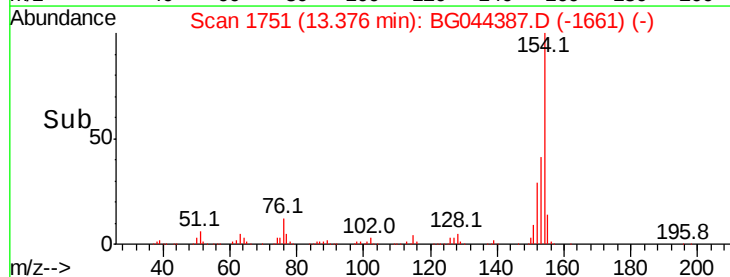
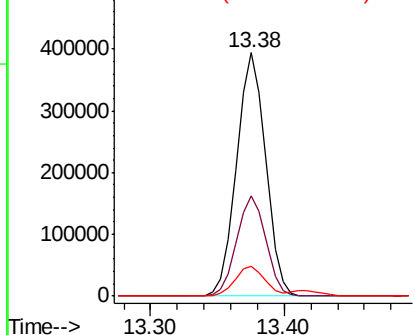


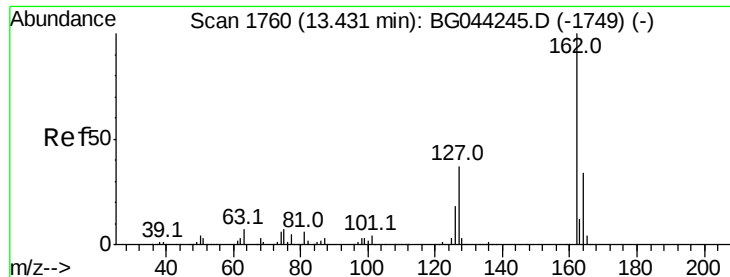
#46
1,1'-Biphenyl
Concen: 38.697 ng
RT: 13.38 min Scan# 1751
Delta R.T. 0.00 min
Lab File: BG044387.D
Acq: 11 Feb 2020 13:45

Tgt Ion:154 Resp: 593300
Ion Ratio Lower Upper
154 100
153 41.3 22.7 62.7
76 12.2 0.0 32.9



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





#47

2-Chloronaphthalene

Concen: 37.812 ng

RT: 13.42 min Scan# 1758

Delta R.T. 0.00 min

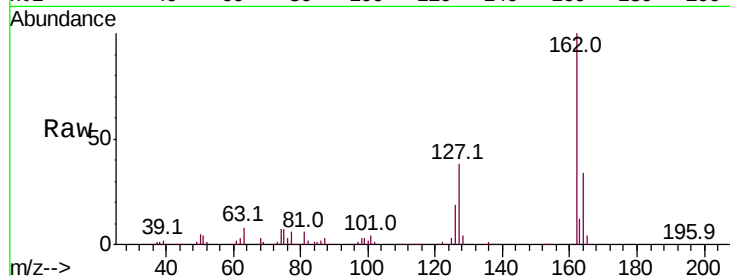
Lab File: BG044387.D

Acq: 11 Feb 2020 13:45

Instrument :
BNA_G
ClientSampleId :
PB126698BS

Tot Ion:162 Resp: 461319

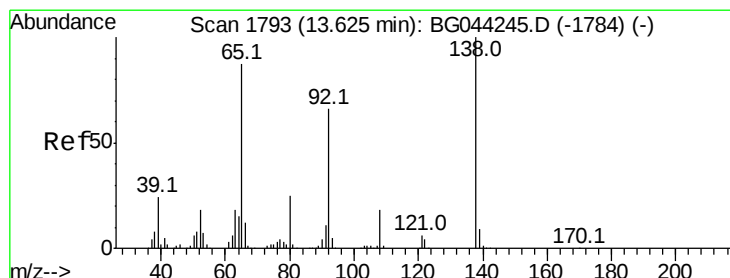
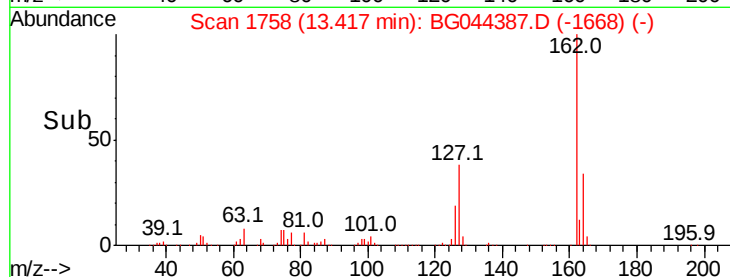
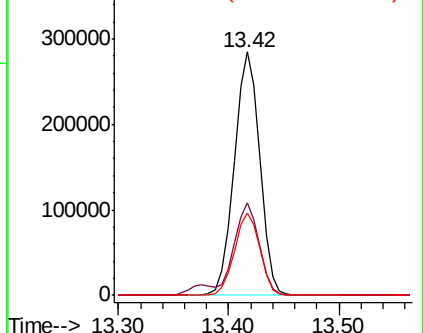
Ion	Ratio	Lower	Upper
162	100		
127	38.0	30.0	45.0
164	33.9	27.2	40.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 38.568 ng

RT: 13.62 min Scan# 1792

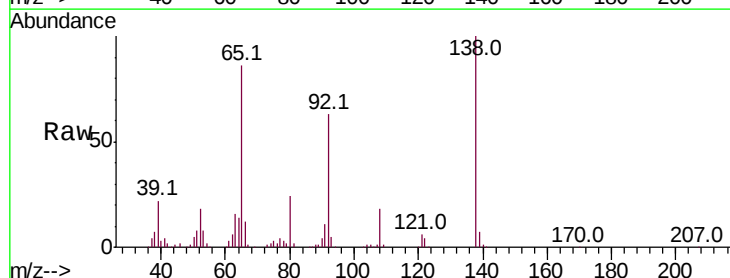
Delta R.T. 0.00 min

Lab File: BG044387.D

Acq: 11 Feb 2020 13:45

Tgt Ion: 65 Resp: 138866

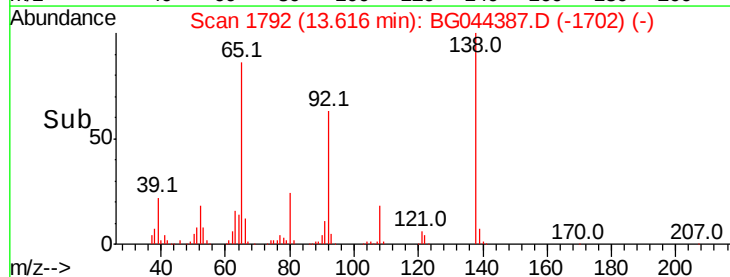
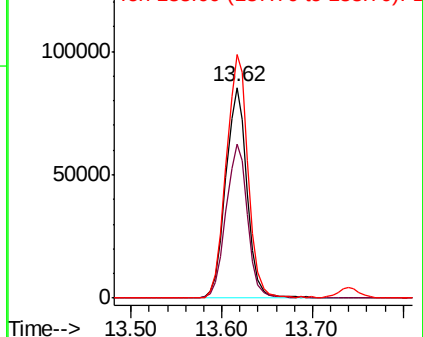
Ion	Ratio	Lower	Upper
65	100		
92	73.4	60.3	90.5
138	115.8	91.9	137.9

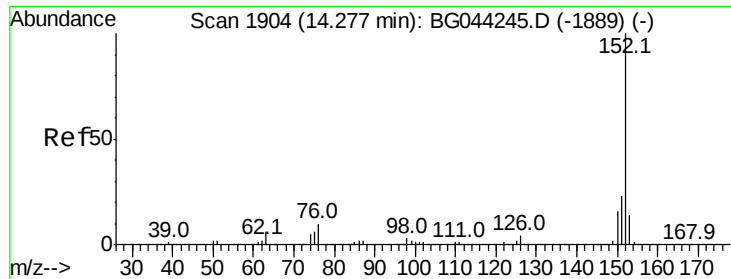


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.483 ng

RT: 14.26 min Scan# 1902

Delta R.T. 0.00 min

Lab File: BG044387.D

Acq: 11 Feb 2020 13:45

Instrument :

BNA_G

ClientSampleId :

PB126698BS

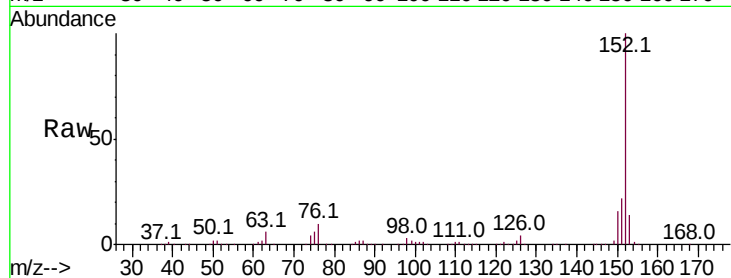
Tot Ion:152 Resp: 742323

Ion Ratio Lower Upper

152 100

151 21.8 18.1 27.1

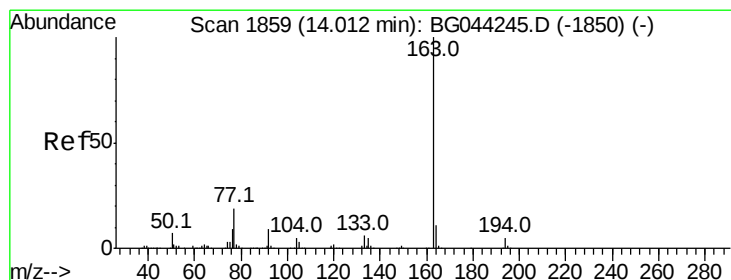
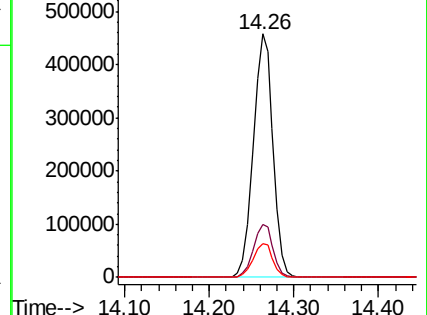
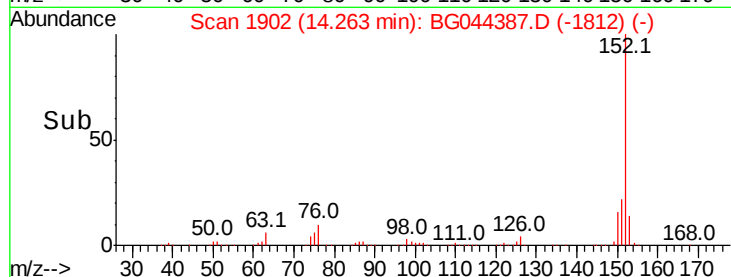
153 13.9 11.5 17.3



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: 40.106 ng

RT: 14.00 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BG044387.D

Acq: 11 Feb 2020 13:45

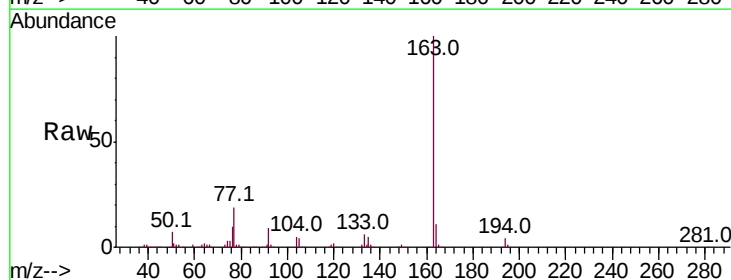
Tgt Ion:163 Resp: 612788

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

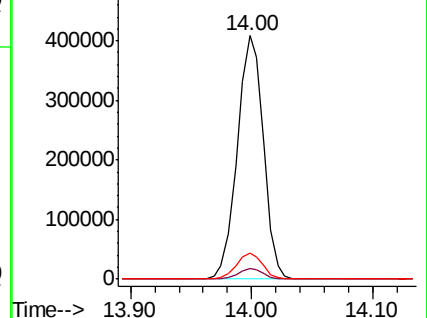
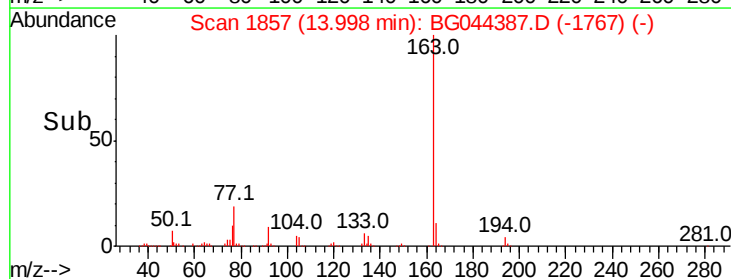
164 10.8 8.7 13.1

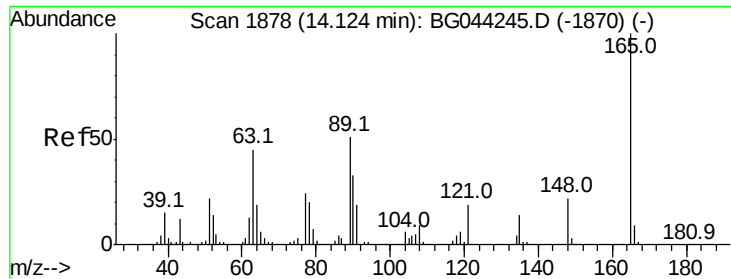


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.428 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG044387.D

Acq: 11 Feb 2020 13:45

Instrument :

BNA_G

ClientSampleId :

PB126698BS

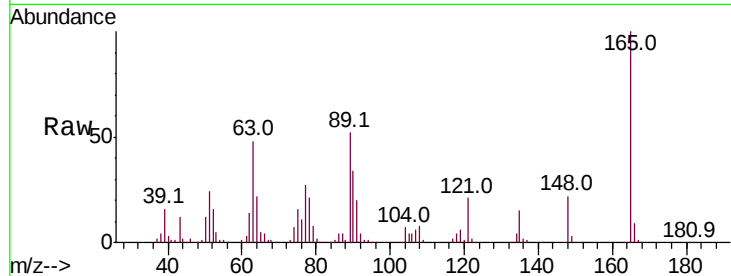
Tot Ion:165 Resp: 137727

Ion Ratio Lower Upper

165 100

63 47.7 38.7 58.1

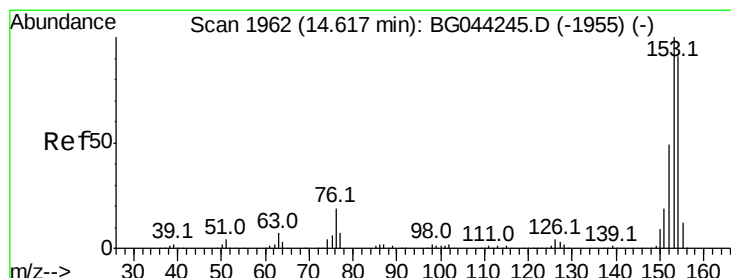
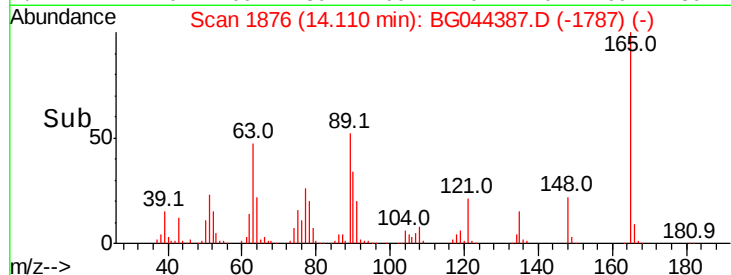
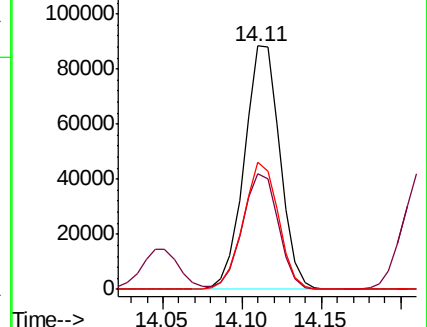
89 52.3 40.4 60.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 38.799 ng

RT: 14.61 min Scan# 1961

Delta R.T. 0.00 min

Lab File: BG044387.D

Acq: 11 Feb 2020 13:45

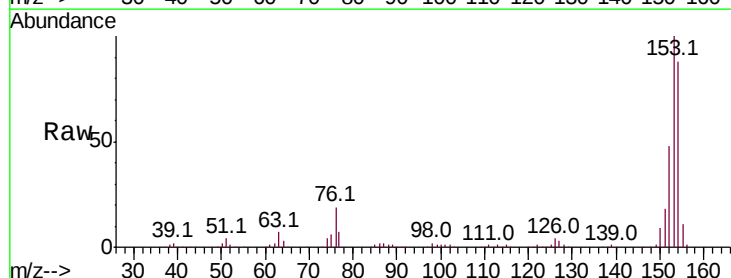
Tgt Ion:154 Resp: 450021

Ion Ratio Lower Upper

154 100

153 113.1 87.9 131.9

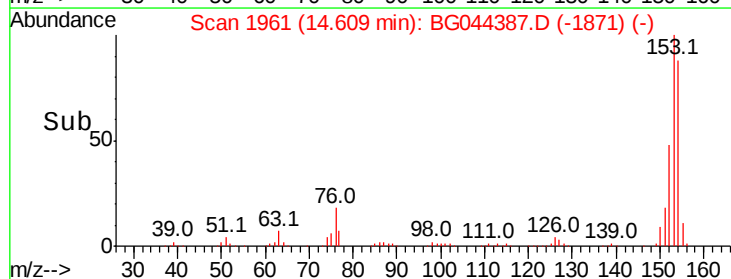
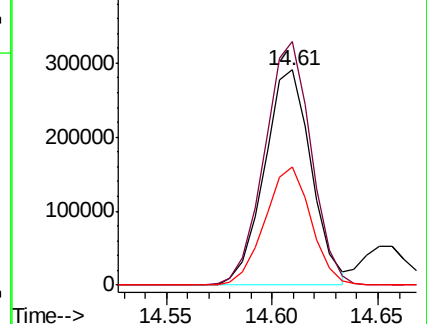
152 54.6 43.1 64.7

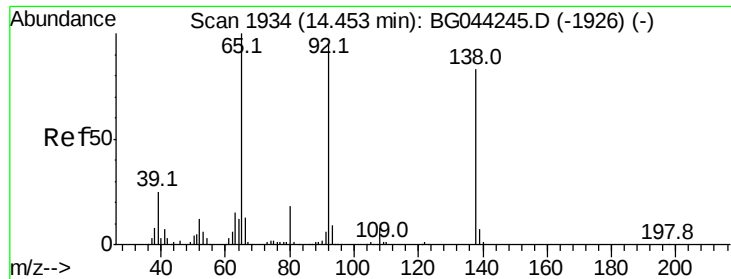


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 28.447 ng

RT: 14.44 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BG044387.D

Acq: 11 Feb 2020 13:45

Instrument :

BNA_G

ClientSampleId :

PB126698BS

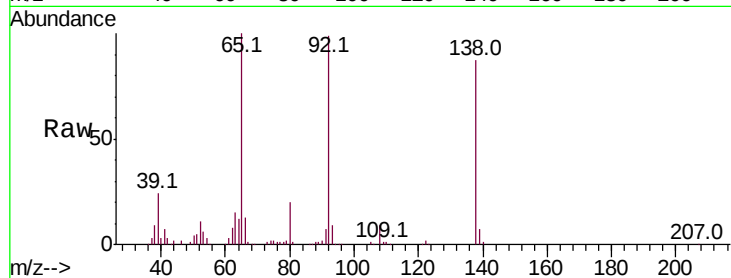
Tot Ion:138 Resp: 107217

Ion Ratio Lower Upper

138 100

108 10.0 7.9 11.9

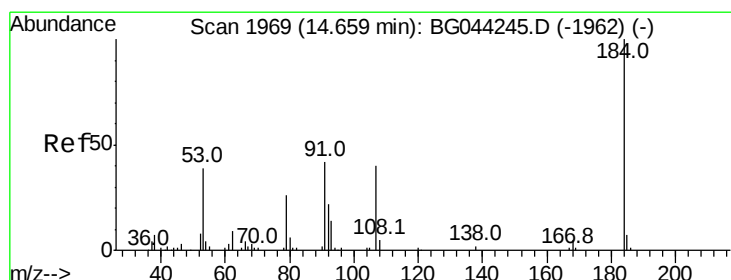
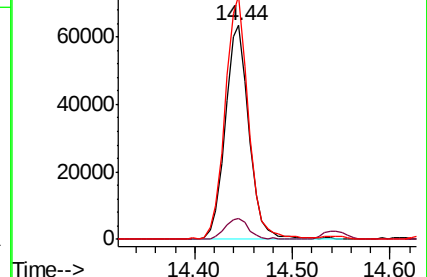
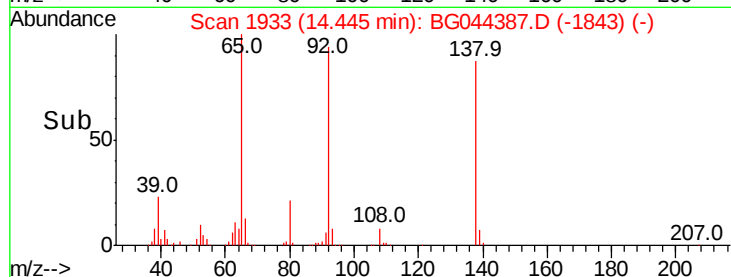
92 113.9 91.0 136.4



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: 76.887 ng

RT: 14.65 min Scan# 1968

Delta R.T. 0.00 min

Lab File: BG044387.D

Acq: 11 Feb 2020 13:45

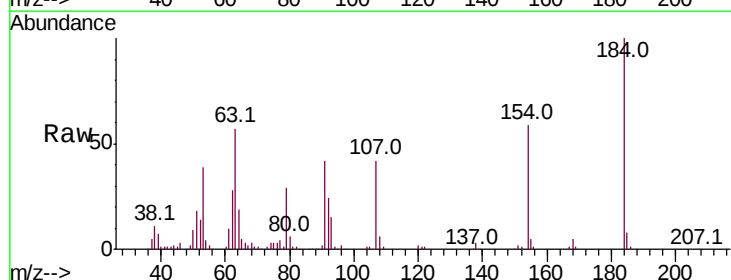
Tgt Ion:184 Resp: 154544

Ion Ratio Lower Upper

184 100

63 57.1 44.1 66.1

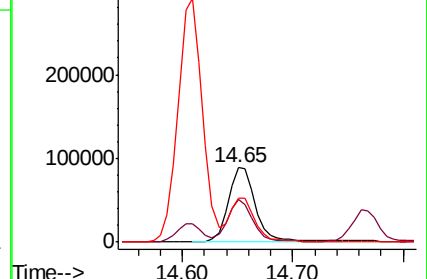
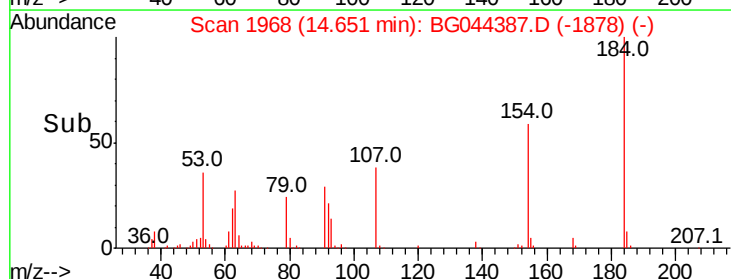
154 58.8 45.4 68.0

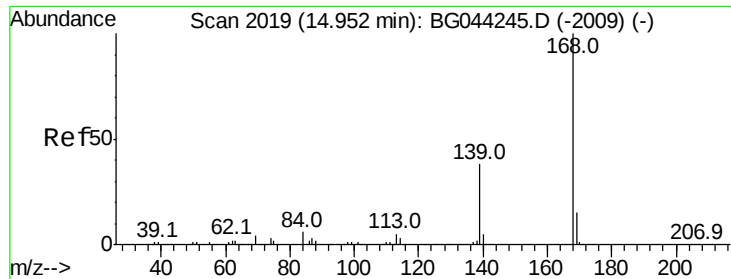


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 40.729 ng

RT: 14.94 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BG044387.D

Acq: 11 Feb 2020 13:45

Instrument :

BNA_G

ClientSampleId :

PB126698BS

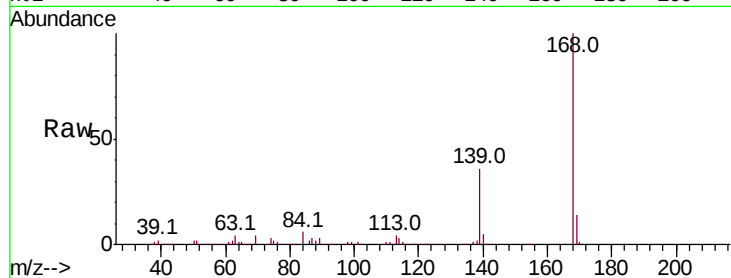
Tot Ion:168 Resp: 715245

Ion Ratio Lower Upper

168 100

139 36.4 30.5 45.7

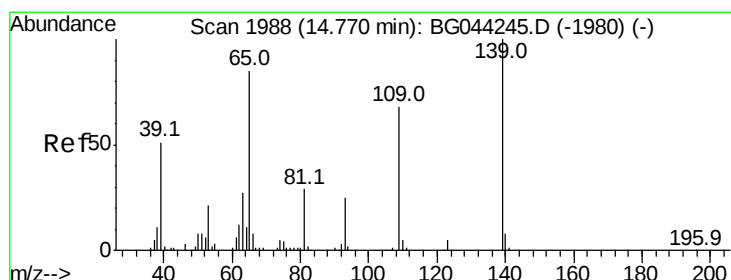
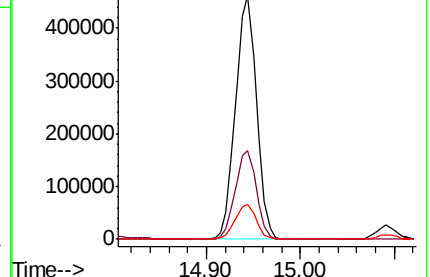
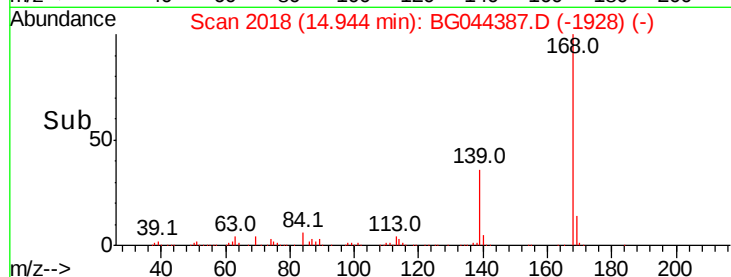
169 14.2 11.7 17.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 94.780 ng

RT: 14.77 min Scan# 1988

Delta R.T. 0.01 min

Lab File: BG044387.D

Acq: 11 Feb 2020 13:45

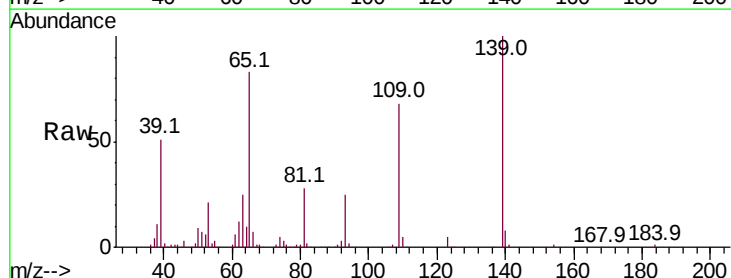
Tgt Ion:139 Resp: 261671

Ion Ratio Lower Upper

139 100

109 68.1 47.5 87.5

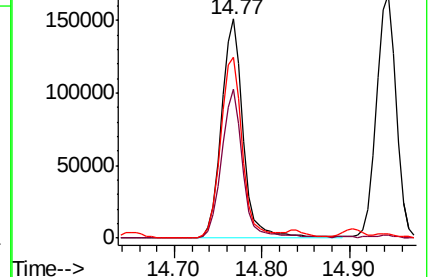
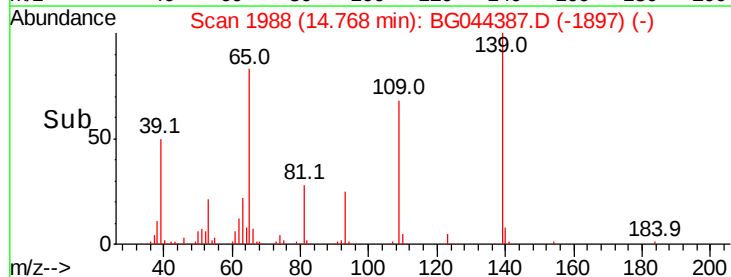
65 82.8 64.9 104.9

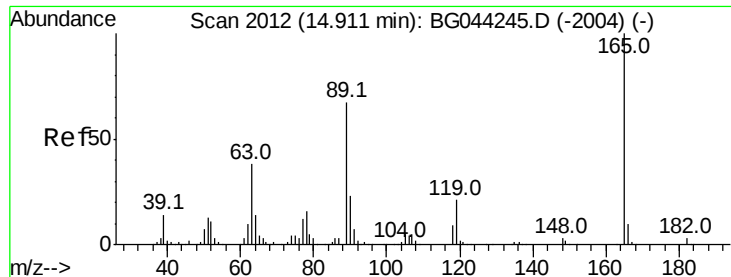


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

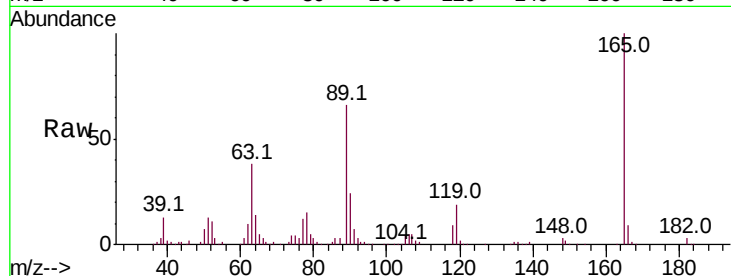




#57
2,4-Dinitrotoluene
Concen: 41.693 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG044387.D
Acq: 11 Feb 2020 13:45

Instrument :
BNA_G
ClientSampleId :
PB126698BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	37.9	30.3	45.5
89	66.5	53.4	80.2
182	2.6	2.1	3.1



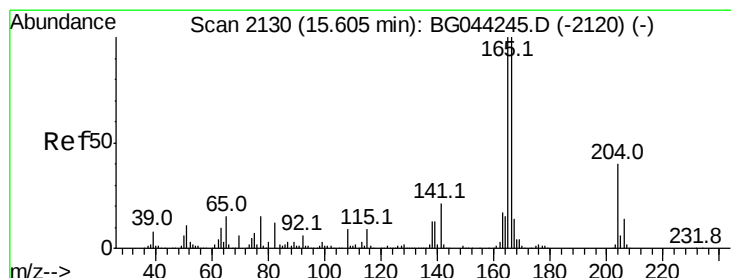
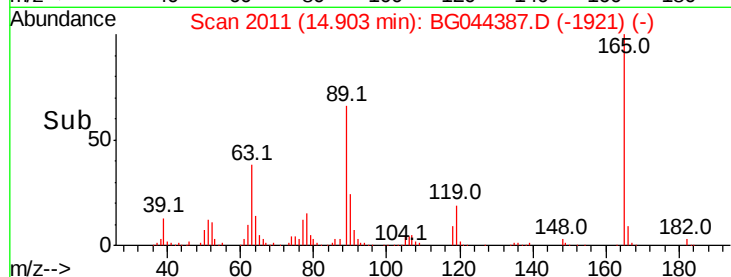
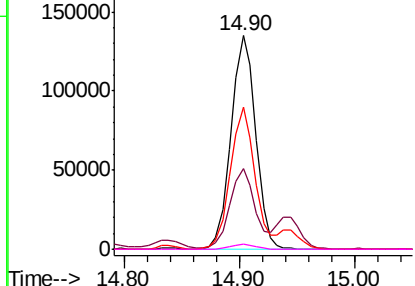
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

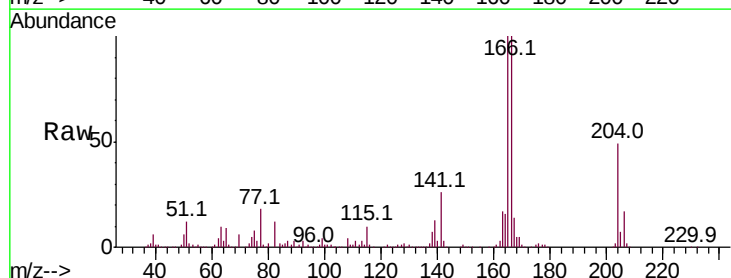
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 41.391 ng
RT: 15.59 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BG044387.D
Acq: 11 Feb 2020 13:45

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.9	119.9
167	14.4	11.4	17.0

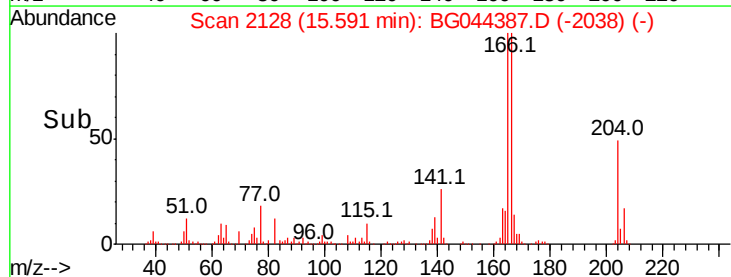
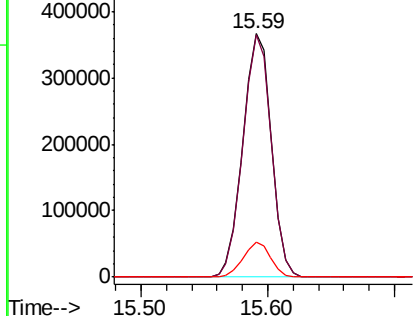


Abundance

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

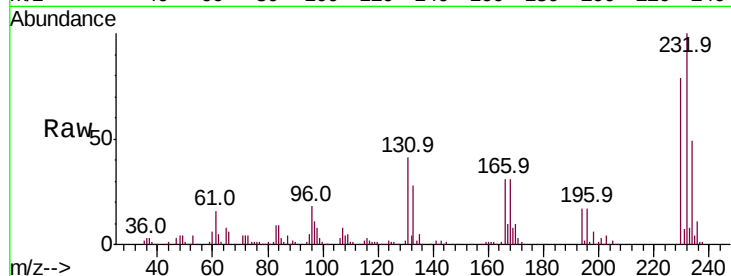




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.747 ng
 RT: 15.17 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: BG044387.D
 Acq: 11 Feb 2020 13:45

Instrument :
 BNA_G
 ClientSampleId :
 PB126698BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.7	34.2	51.4
130	2.2	1.8	2.8
166	30.1	23.8	35.8



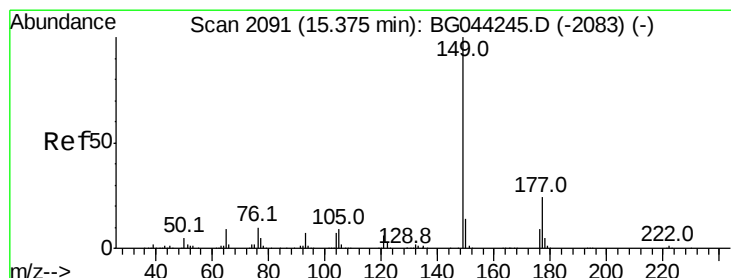
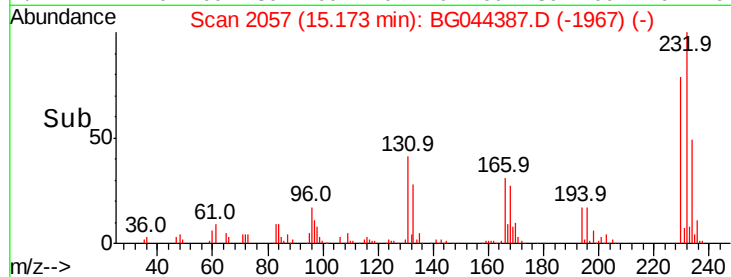
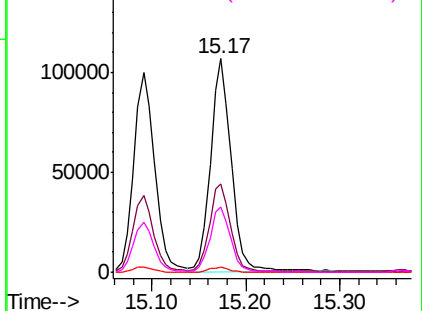
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

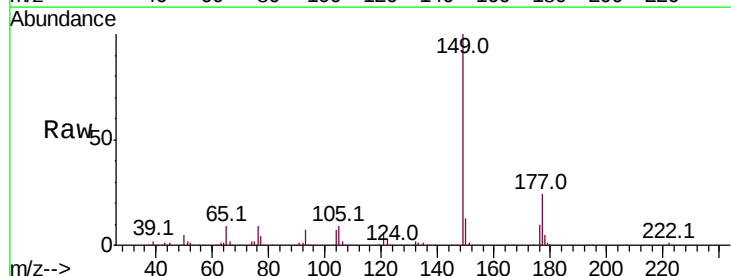
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 41.077 ng
 RT: 15.37 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: BG044387.D
 Acq: 11 Feb 2020 13:45

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.7	19.4	29.0
150	12.8	10.9	16.3

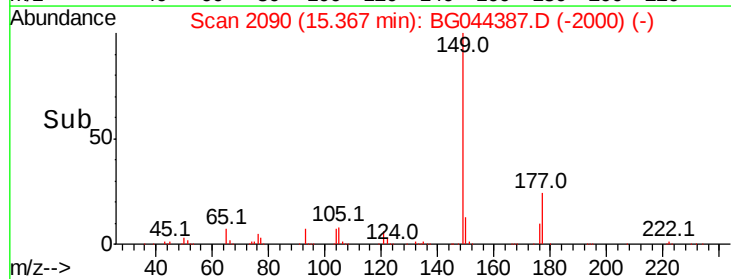
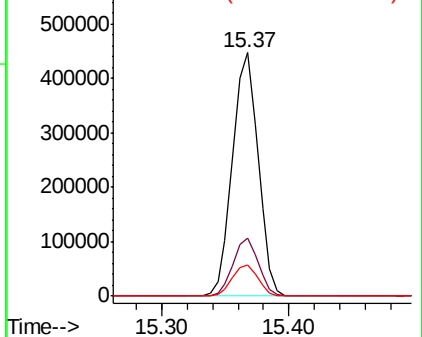


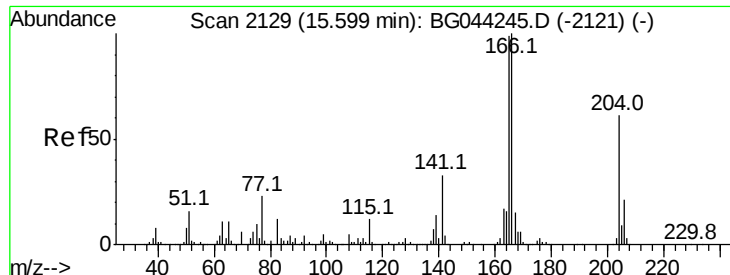
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

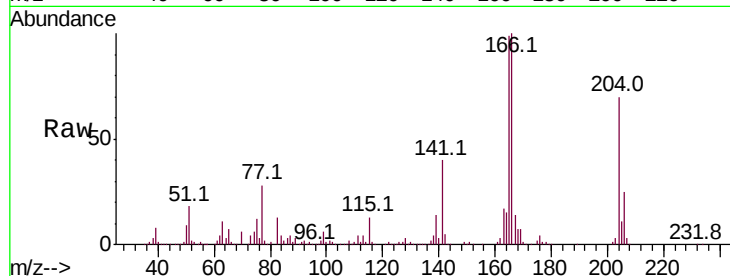




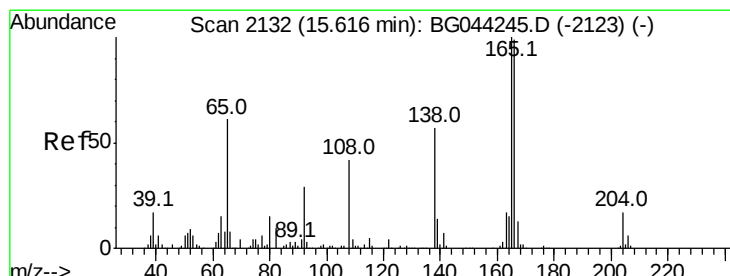
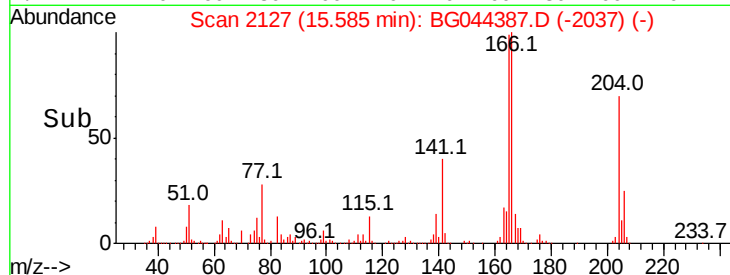
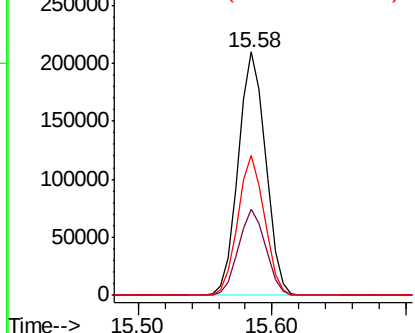
#61
 4-Chlorophenyl-phenylether
 Concen: 39.608 ng
 RT: 15.58 min Scan# 2127
 Delta R.T. 0.00 min
 Lab File: BG044387.D
 Acq: 11 Feb 2020 13:45

Instrument :
 BNA_G
 ClientSampleId :
 PB126698BS

Tot Ion:204 Resp: 297049
 Ion Ratio Lower Upper
 204 100
 206 35.3 27.6 41.4
 141 57.5 43.4 65.0

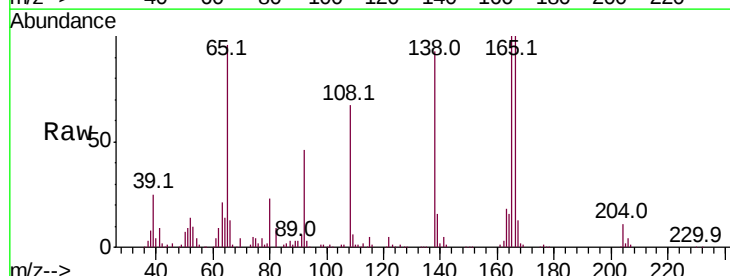


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

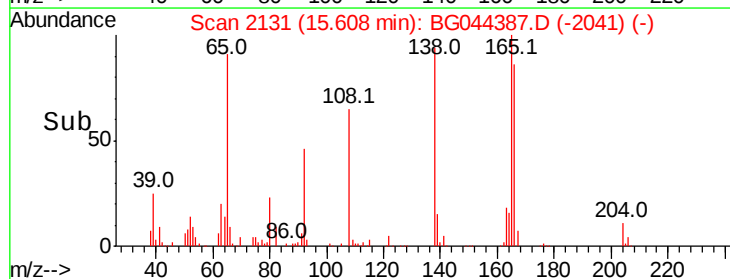
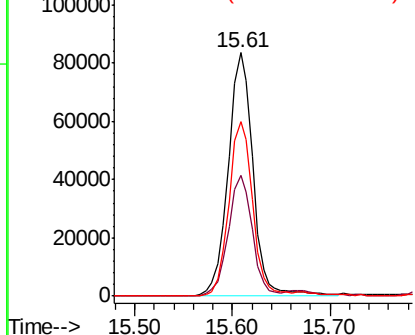


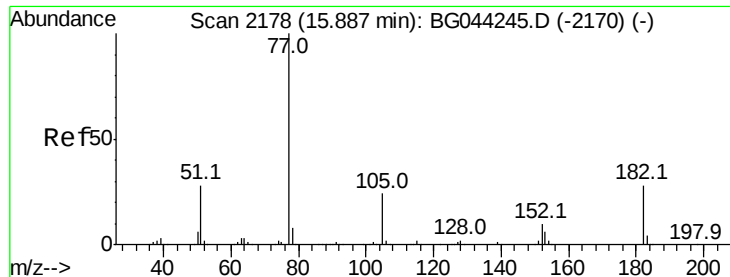
#62
 4-Nitroaniline
 Concen: 39.169 ng
 RT: 15.61 min Scan# 2131
 Delta R.T. 0.00 min
 Lab File: BG044387.D
 Acq: 11 Feb 2020 13:45

Tgt Ion:138 Resp: 147517
 Ion Ratio Lower Upper
 138 100
 92 49.6 31.3 71.3
 108 71.8 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

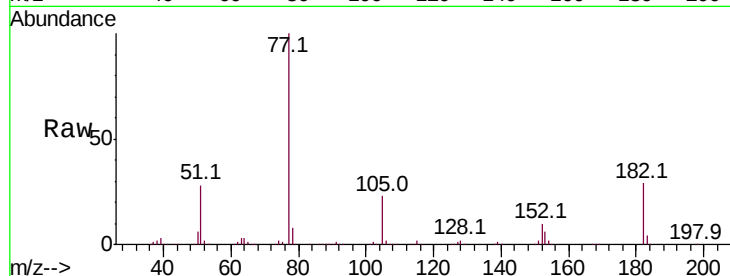




#63
Azobenzene
Concen: 41.650 ng
RT: 15.88 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BG044387.D
Acq: 11 Feb 2020 13:45

Instrument :
BNA_G
ClientSampleId :
PB126698BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.3	8.2	48.2
105	23.0	3.6	43.6
51	27.6	8.3	48.3



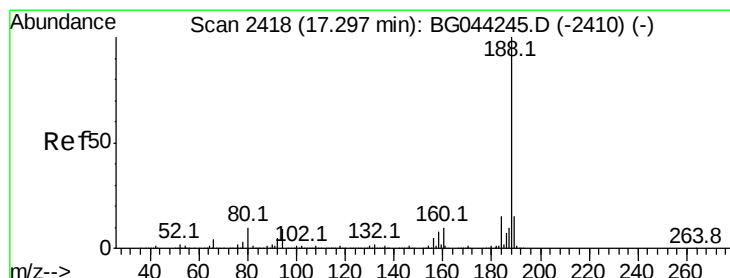
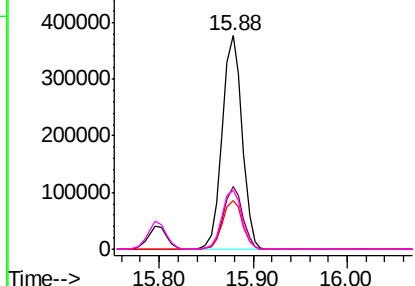
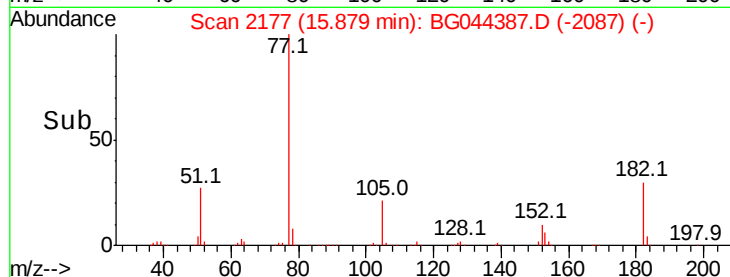
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

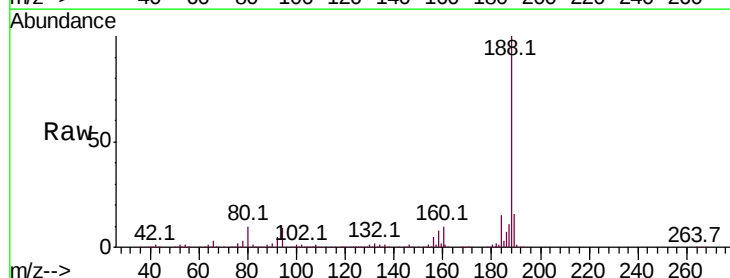
Ion 105.00 (104.70 to 105.70): BGC

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: BG044387.D
Acq: 11 Feb 2020 13:45

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.4	11.2
80	10.0	7.7	11.5

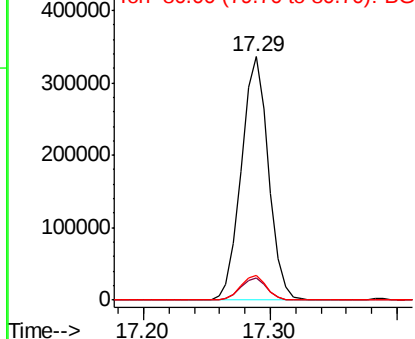
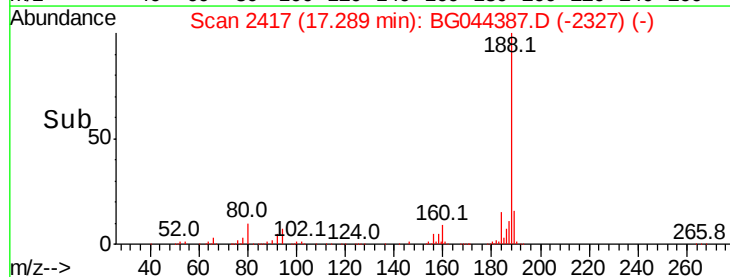


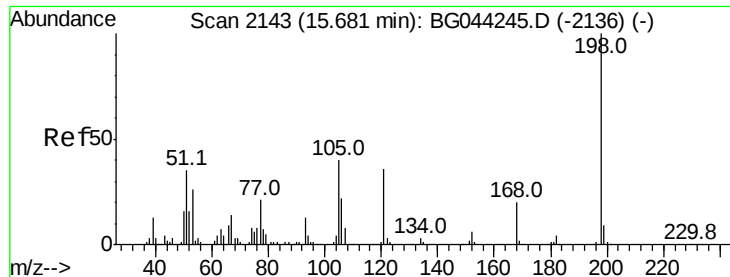
Abundance

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: 44.684 ng

RT: 15.67 min Scan# 2142

Delta R.T. 0.00 min

Lab File: BG044387.D

Acq: 11 Feb 2020 13:45

Instrument :

BNA_G

ClientSampleId :

PB126698BS

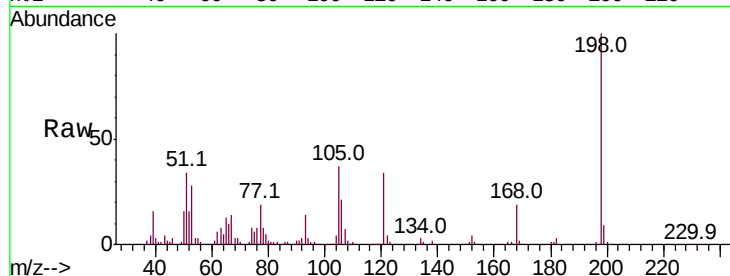
Tot Ion:198 Resp: 122467

Ion Ratio Lower Upper

198 100

51 34.4 16.6 56.6

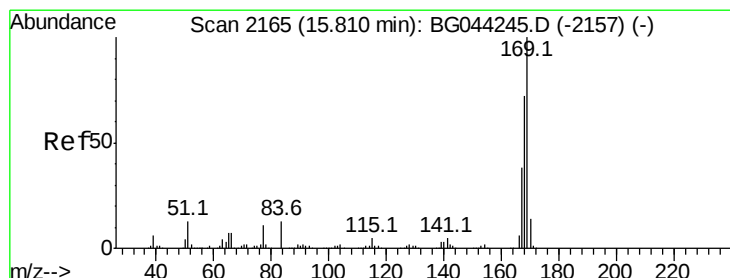
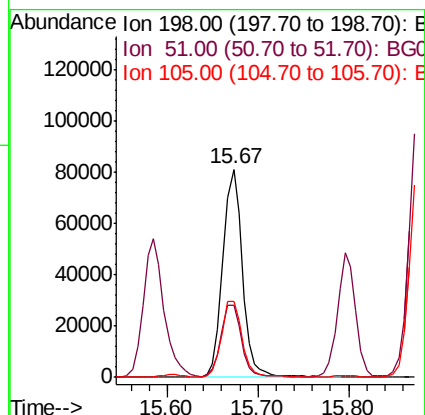
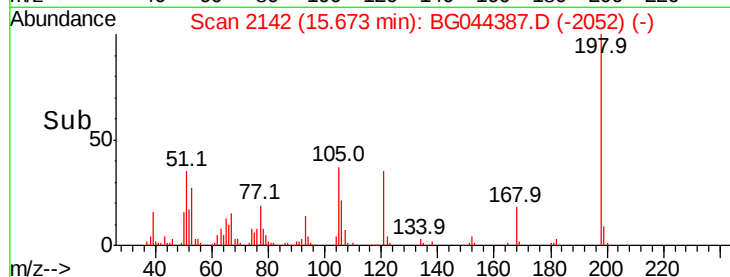
105 36.6 20.6 60.6



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: 38.948 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BG044387.D

Acq: 11 Feb 2020 13:45

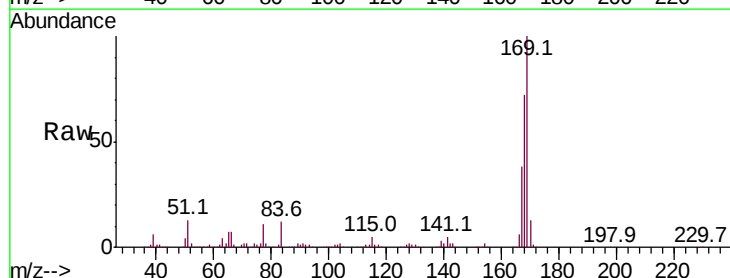
Tgt Ion:169 Resp: 541942

Ion Ratio Lower Upper

169 100

168 71.6 57.9 86.9

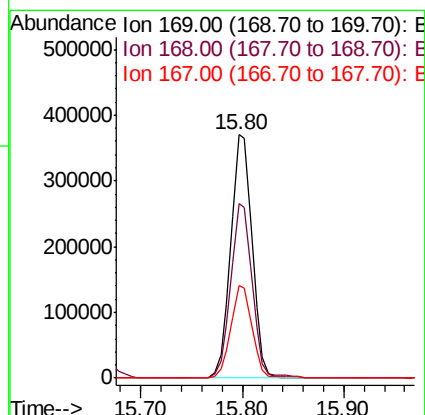
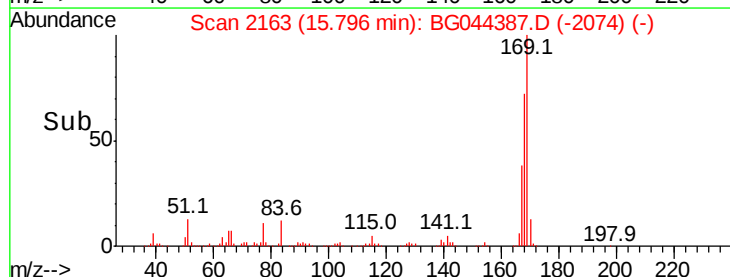
167 38.2 30.7 46.1

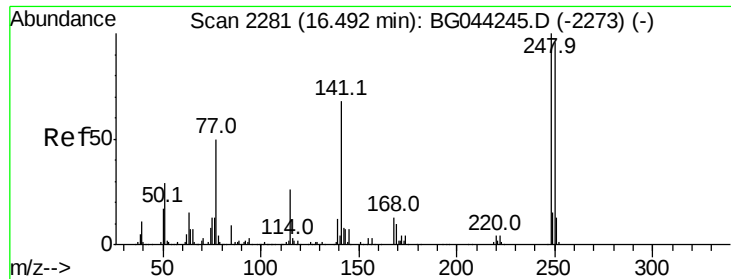


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

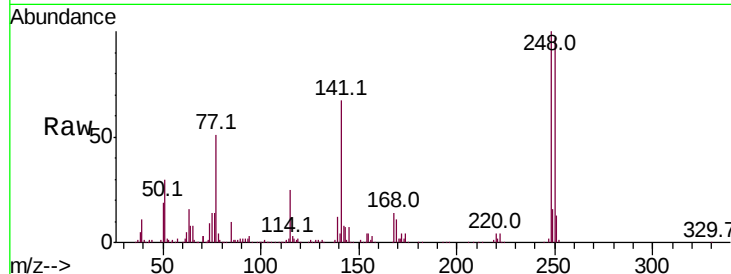




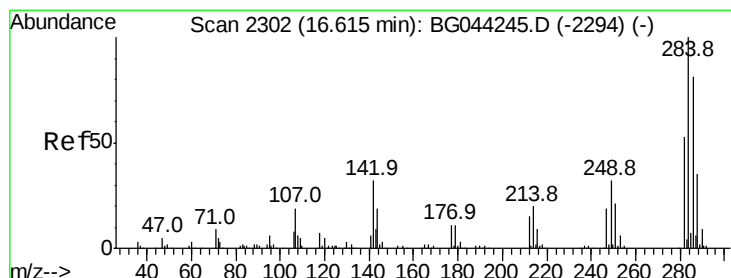
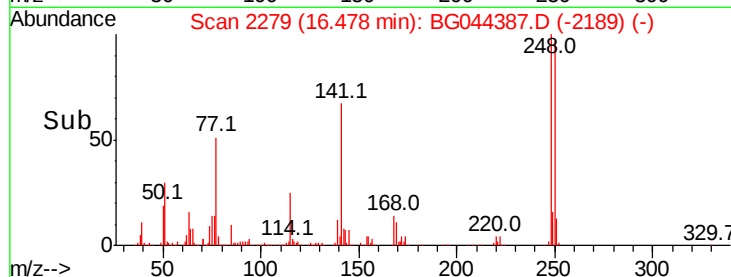
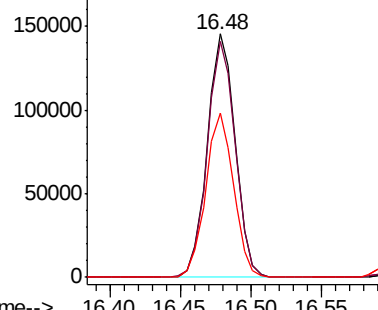
#67
4-Bromophenyl-phenylether
Concen: 36.999 ng
RT: 16.48 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BG044387.D
Acq: 11 Feb 2020 13:45

Instrument :
BNA_G
ClientSampleId :
PB126698BS

Tot Ion:248 Resp: 200146
Ion Ratio Lower Upper
248 100
250 96.7 76.6 114.8
141 67.3 54.7 82.1

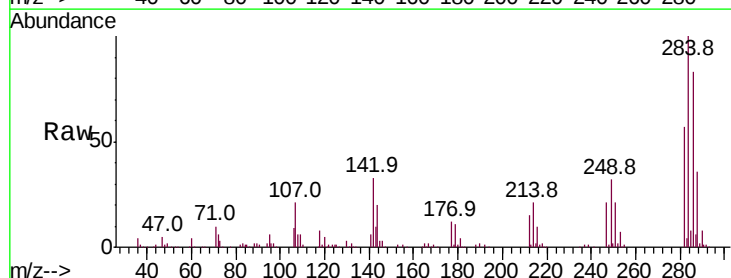


Abundance Ion 248.00 (247.70 to 248.70): E
200000 Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

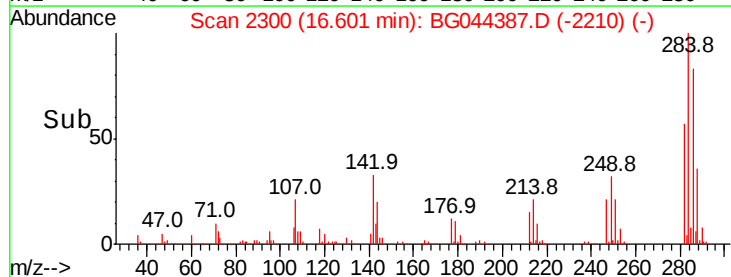
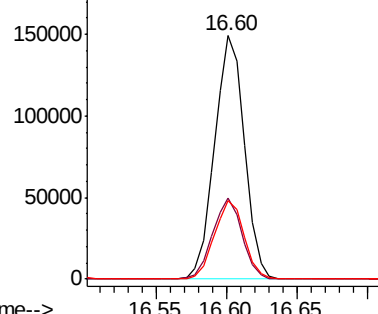


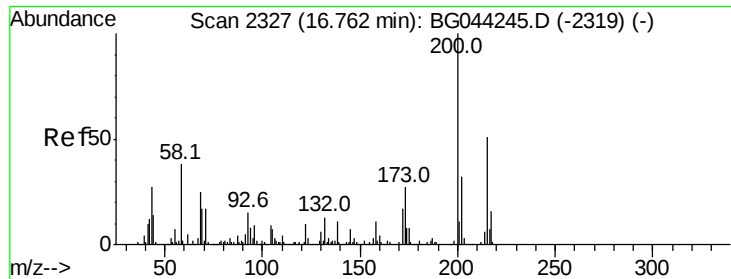
#68
Hexachlorobenzene
Concen: 36.330 ng
RT: 16.60 min Scan# 2300
Delta R.T. 0.00 min
Lab File: BG044387.D
Acq: 11 Feb 2020 13:45

Tgt Ion:284 Resp: 220176
Ion Ratio Lower Upper
284 100
142 33.2 25.3 37.9
249 32.0 25.5 38.3



Abundance Ion 283.80 (283.50 to 284.50): E
200000 Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

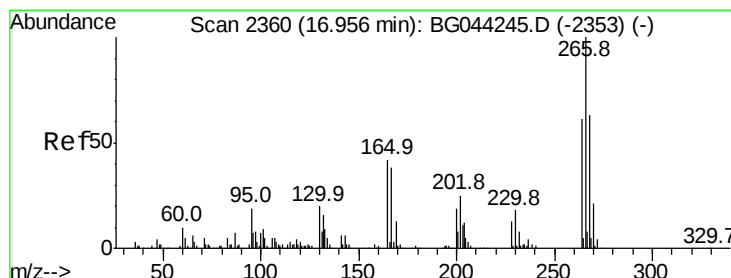
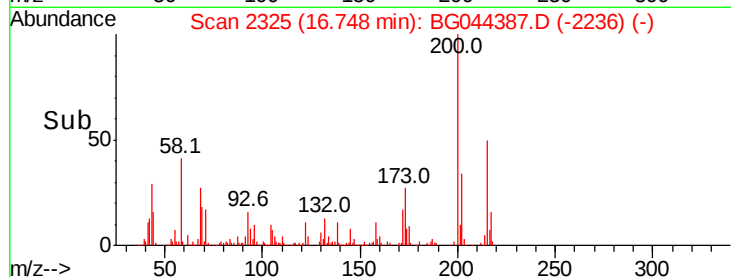
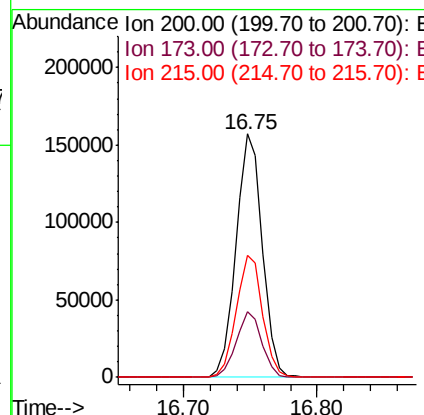
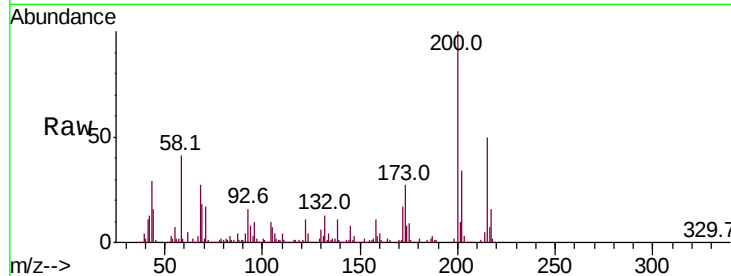




#69
Atrazine
Concen: 45.169 ng
RT: 16.75 min Scan# 2325
Delta R.T. -0.01 min
Lab File: BG044387.D
Acq: 11 Feb 2020 13:45

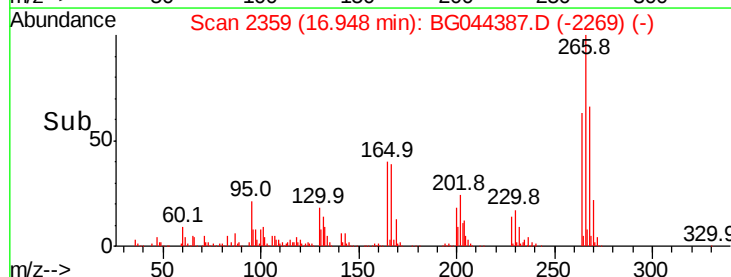
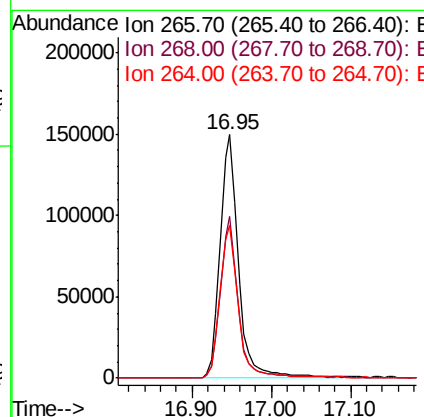
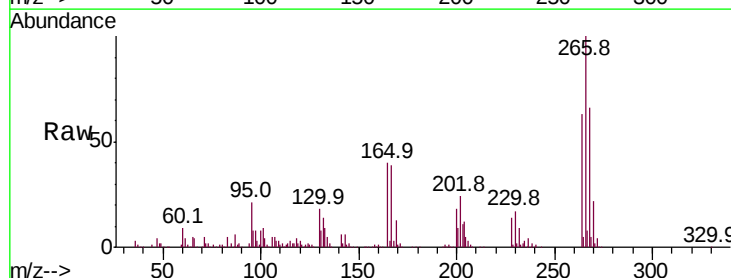
Instrument :
BNA_G
ClientSampleId :
PB126698BS

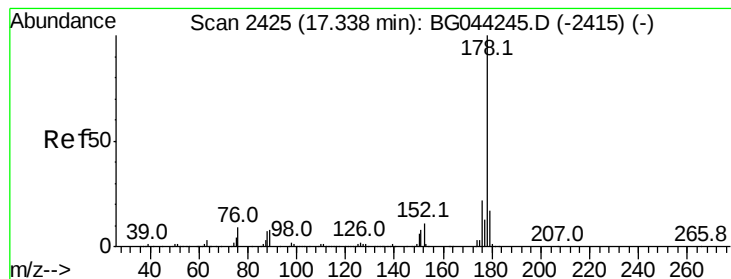
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.8	6.6	46.6
215	50.2	31.0	71.0



#70
Pentachlorophenol
Concen: 79.062 ng
RT: 16.95 min Scan# 2359
Delta R.T. 0.00 min
Lab File: BG044387.D
Acq: 11 Feb 2020 13:45

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.4	50.6	75.8
264	63.0	48.7	73.1





#71

Phenanthrene

Concen: 39.792 ng

RT: 17.33 min Scan# 2424

Delta R.T. 0.00 min

Lab File: BG044387.D

Acq: 11 Feb 2020 13:45

Instrument :

BNA_G

ClientSampleId :

PB126698BS

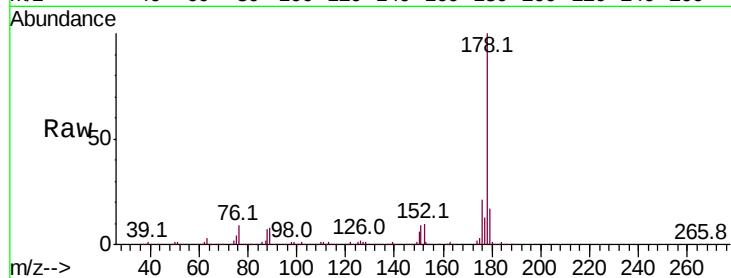
Tot Ion:178 Resp: 956717

Ion Ratio Lower Upper

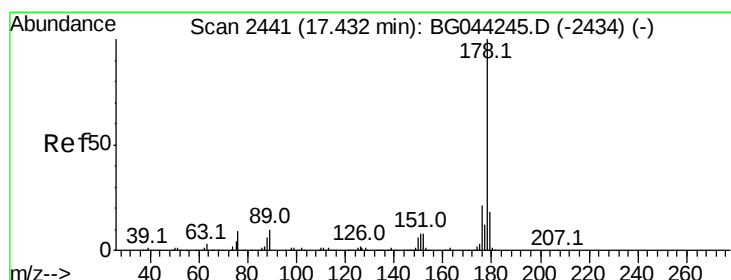
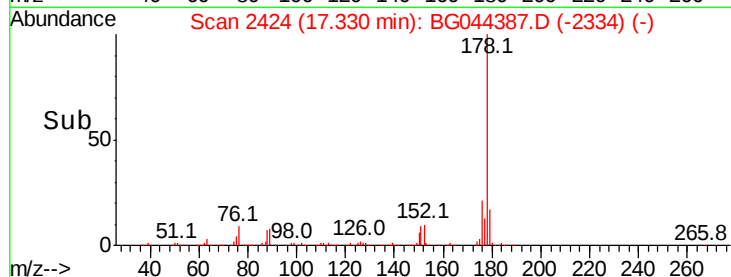
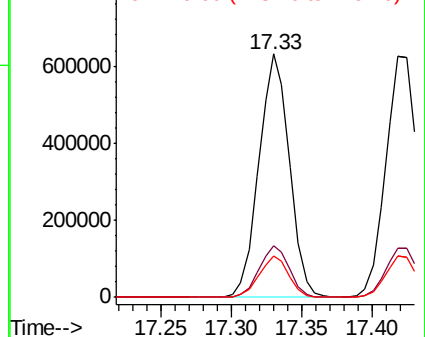
178 100

176 21.4 17.7 26.5

179 17.1 13.7 20.5



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



#72

Anthracene

Concen: 41.189 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.01 min

Lab File: BG044387.D

Acq: 11 Feb 2020 13:45

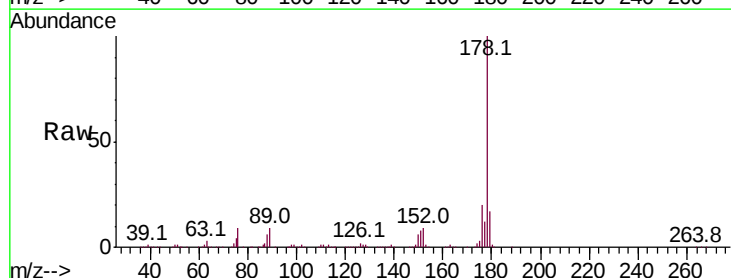
Tgt Ion:178 Resp: 979079

Ion Ratio Lower Upper

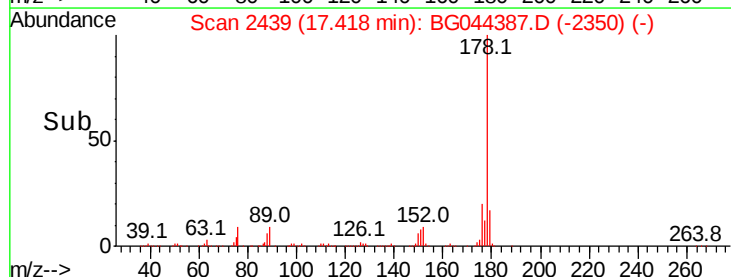
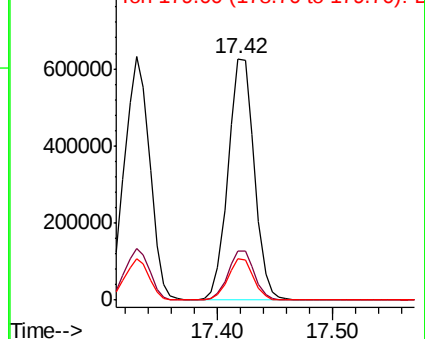
178 100

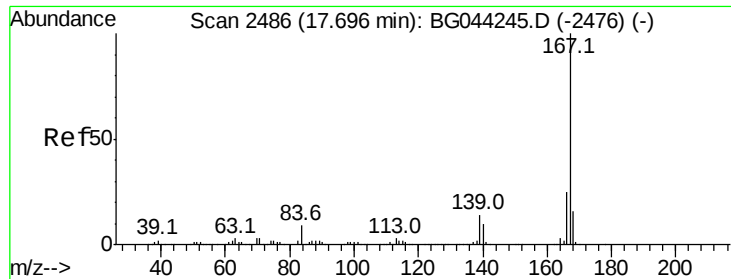
176 20.5 17.0 25.4

179 16.9 14.4 21.6



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

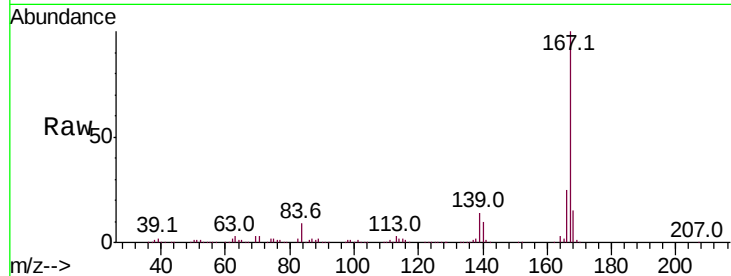




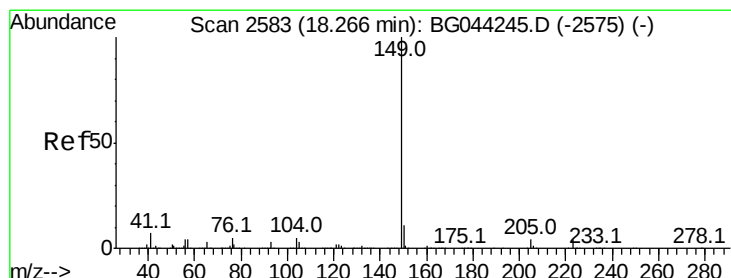
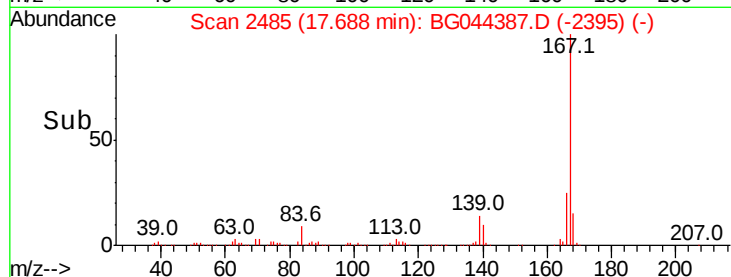
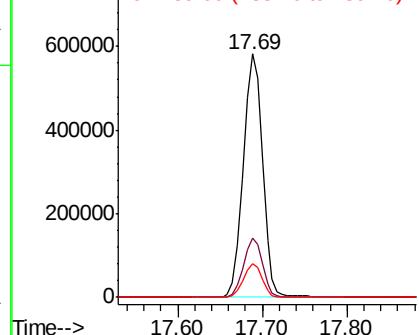
#73
 Carbazole
 Concen: 41.570 ng
 RT: 17.69 min Scan# 2485
 Delta R.T. 0.00 min
 Lab File: BG044387.D
 Acq: 11 Feb 2020 13:45

Instrument :
 BNA_G
 ClientSampleId :
 PB126698BS

Tot Ion:167 Resp: 910928
 Ion Ratio Lower Upper
 167 100
 166 24.5 19.8 29.6
 139 13.8 11.1 16.7

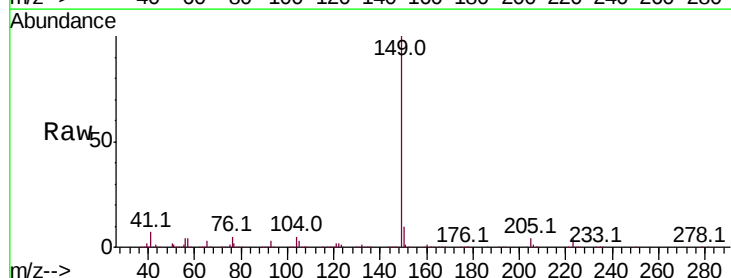


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

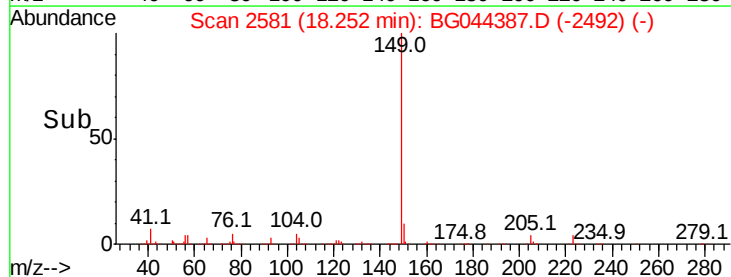
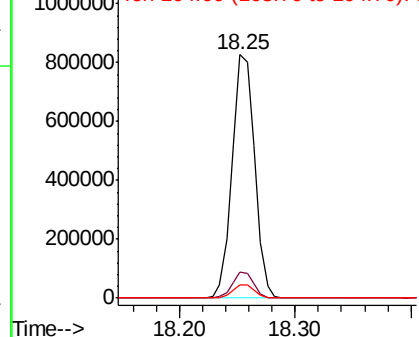


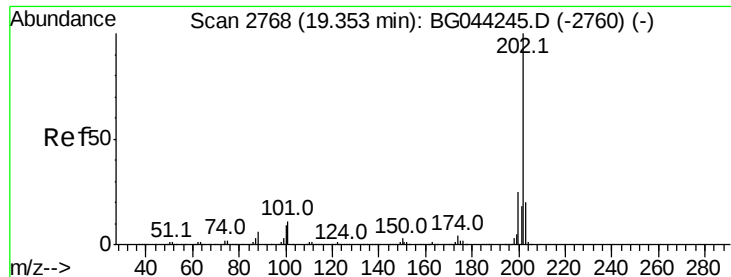
#74
 Di-n-butylphthalate
 Concen: 41.293 ng
 RT: 18.25 min Scan# 2581
 Delta R.T. -0.01 min
 Lab File: BG044387.D
 Acq: 11 Feb 2020 13:45

Tgt Ion:149 Resp: 1118188
 Ion Ratio Lower Upper
 149 100
 150 10.5 8.7 13.1
 104 5.3 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: 41.951 ng

RT: 19.34 min Scan# 2766

Delta R.T. 0.00 min

Lab File: BG044387.D

Acq: 11 Feb 2020 13:45

Instrument :

BNA_G

ClientSampleId :

PB126698BS

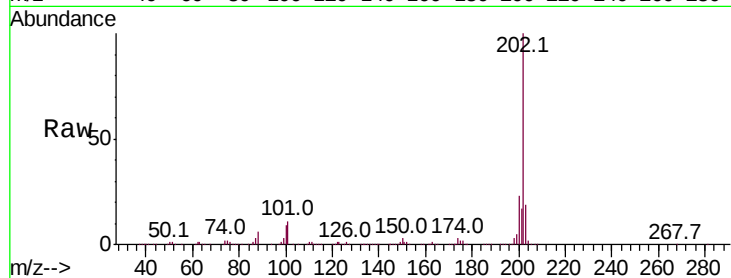
Tot Ion:202 Resp: 1166788

Ion Ratio Lower Upper

202 100

101 11.2 0.0 31.3

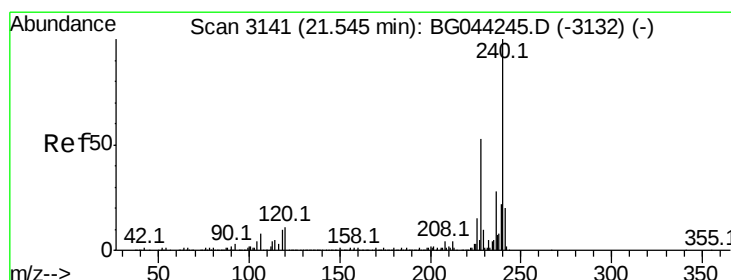
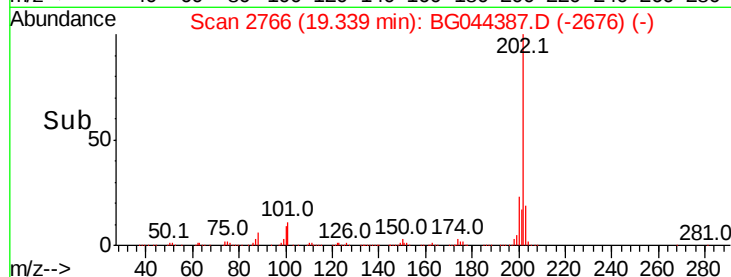
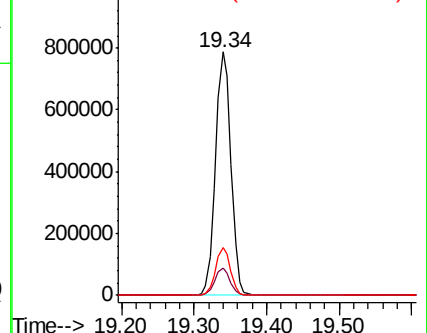
203 19.4 0.0 39.9



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: 21.54 min Scan# 3140

Delta R.T. 0.00 min

Lab File: BG044387.D

Acq: 11 Feb 2020 13:45

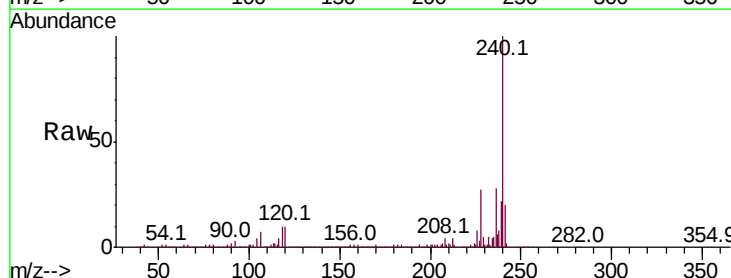
Tgt Ion:240 Resp: 456186

Ion Ratio Lower Upper

240 100

120 10.0 8.4 12.6

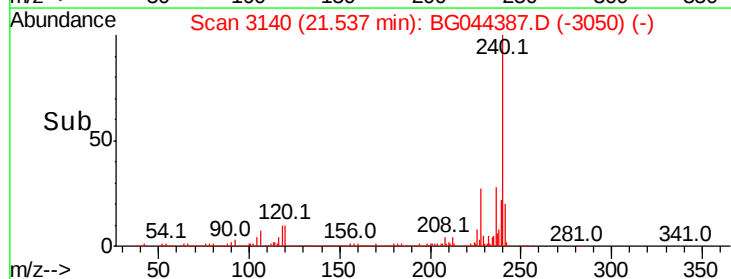
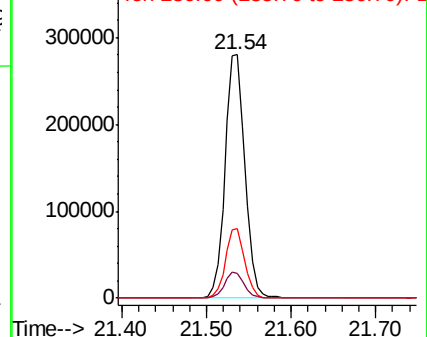
236 28.3 22.1 33.1

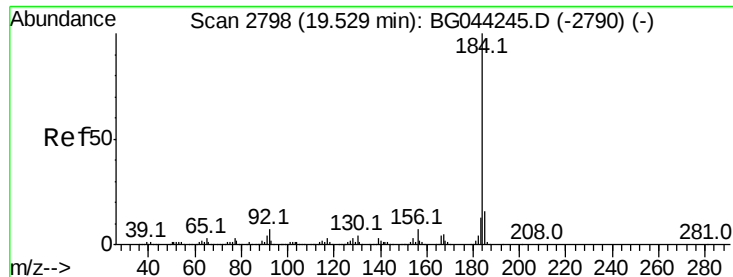


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.542 ng

RT: 19.52 min Scan# 2796

Delta R.T. -0.01 min

Lab File: BG044387.D

Acq: 11 Feb 2020 13:45

Instrument :

BNA_G

ClientSampleId :

PB126698BS

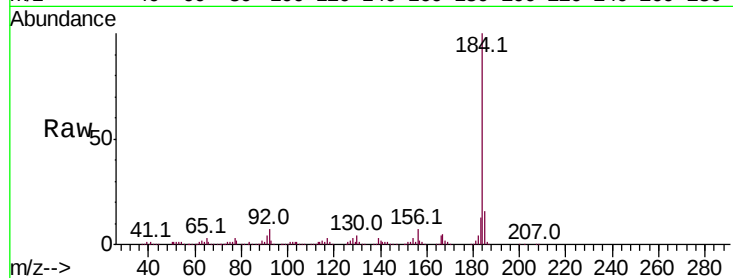
Tot Ion:184 Resp: 550955

Ion Ratio Lower Upper

184 100

185 16.0 12.9 19.3

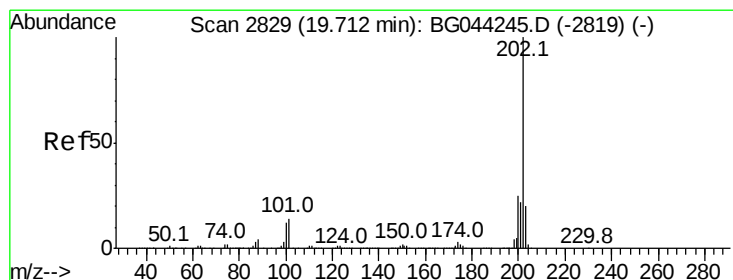
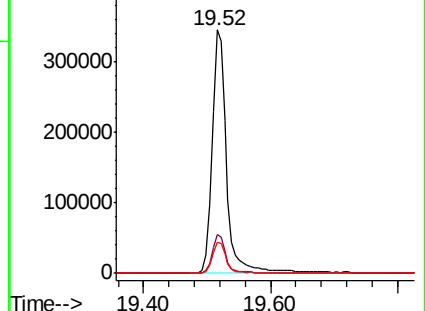
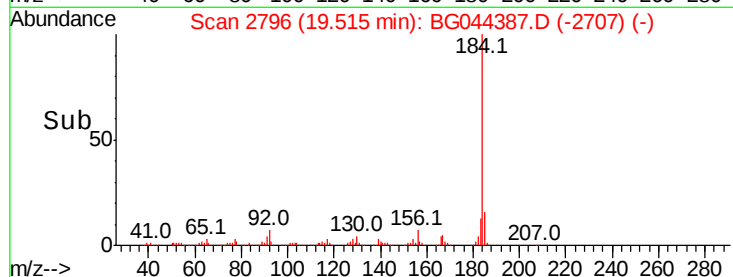
183 13.0 10.8 16.2



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: 40.022 ng

RT: 19.70 min Scan# 2828

Delta R.T. 0.00 min

Lab File: BG044387.D

Acq: 11 Feb 2020 13:45

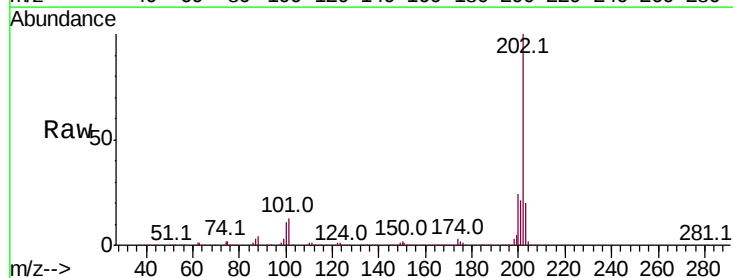
Tgt Ion:202 Resp: 1172513

Ion Ratio Lower Upper

202 100

200 24.3 20.0 30.0

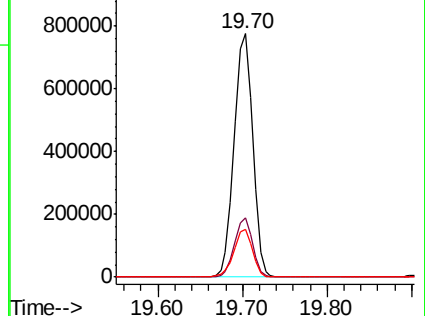
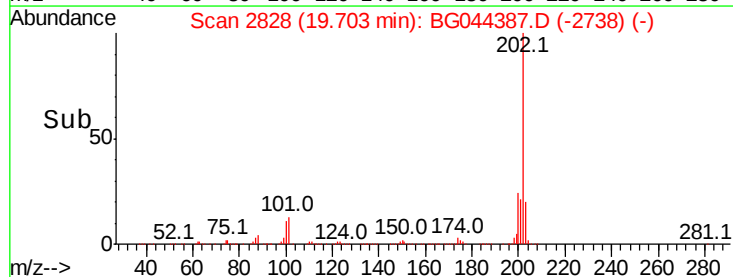
203 19.6 16.2 24.2

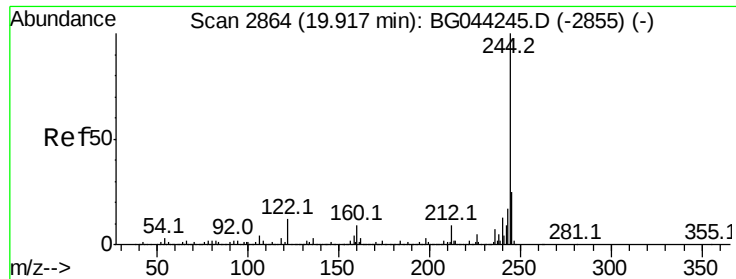


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 64.075 ng

RT: 19.90 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BG044387.D

Acq: 11 Feb 2020 13:45

Instrument :

BNA_G

ClientSampleId :

PB126698BS

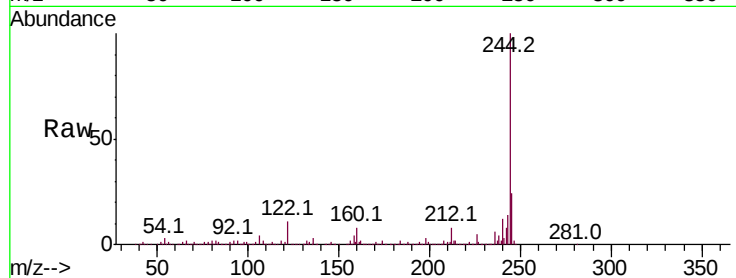
Tot Ion:244 Resp: 1421101

Ion Ratio Lower Upper

244 100

212 8.5 7.4 11.2

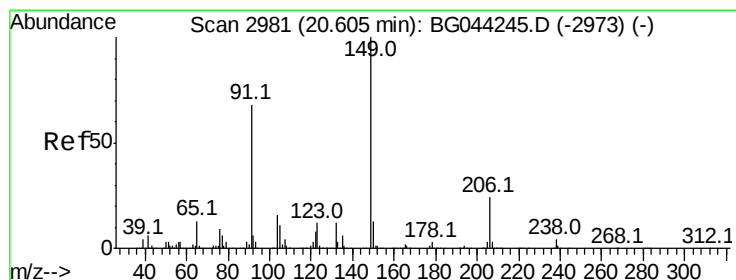
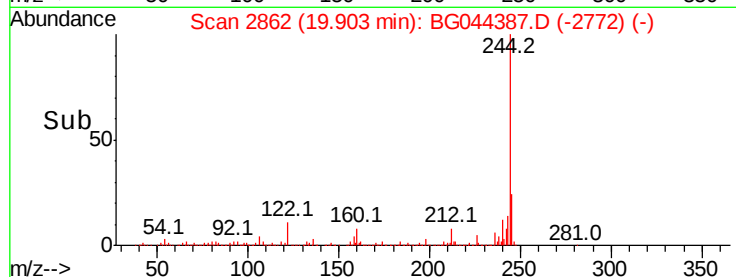
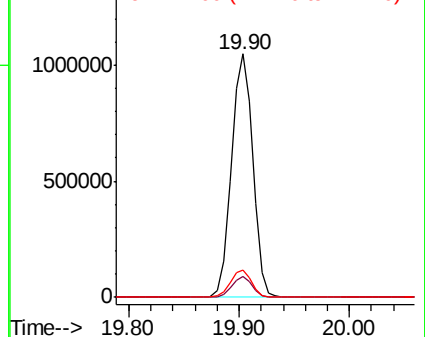
122 11.4 9.8 14.6



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: 38.056 ng

RT: 20.59 min Scan# 2979

Delta R.T. -0.01 min

Lab File: BG044387.D

Acq: 11 Feb 2020 13:45

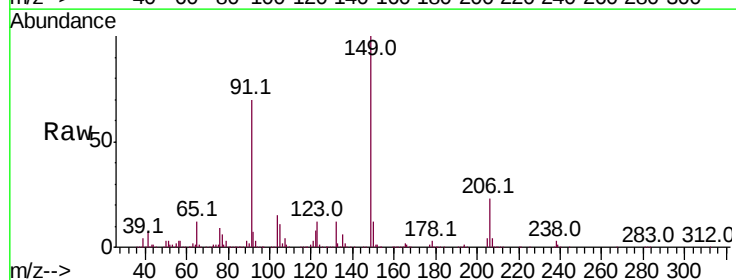
Tgt Ion:149 Resp: 508074

Ion Ratio Lower Upper

149 100

91 69.9 54.5 81.7

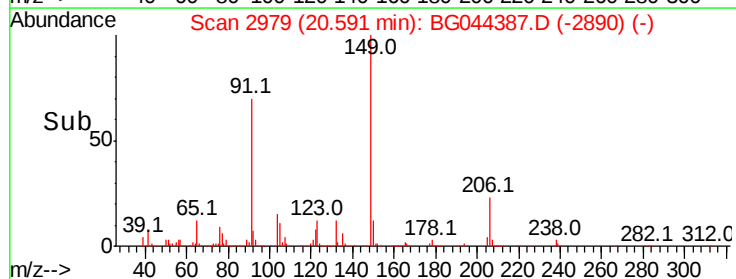
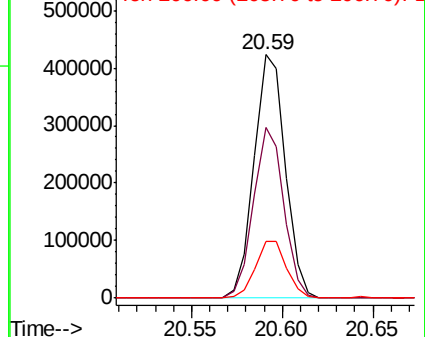
206 23.1 19.1 28.7

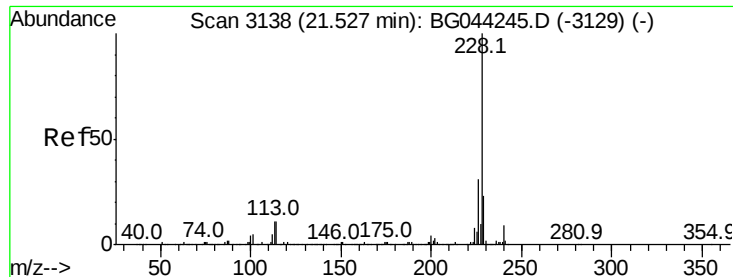


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.283 ng

RT: 21.51 min Scan# 3136

Delta R.T. 0.00 min

Lab File: BG044387.D

Acq: 11 Feb 2020 13:45

Instrument :

BNA_G

ClientSampleId :

PB126698BS

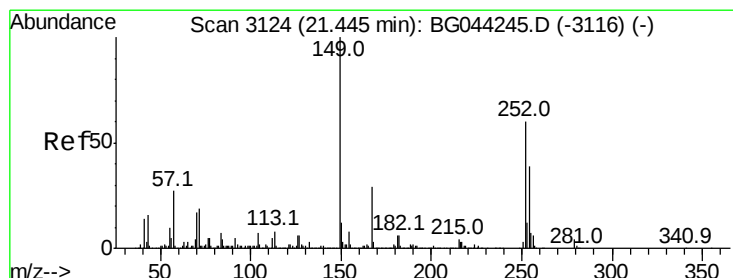
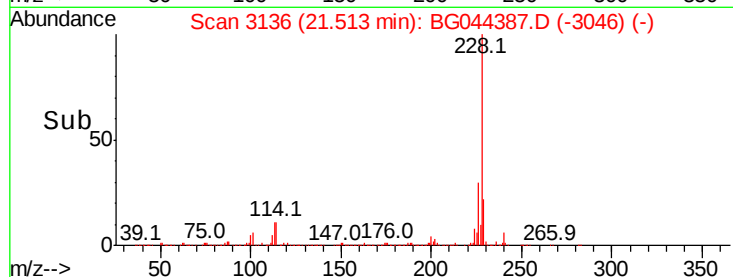
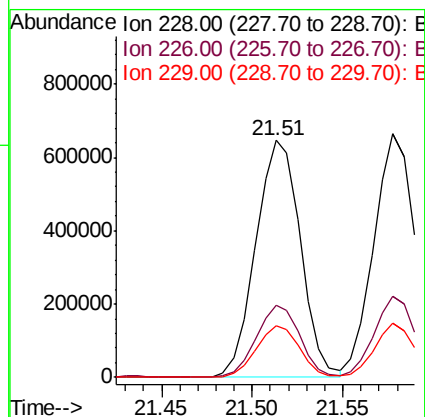
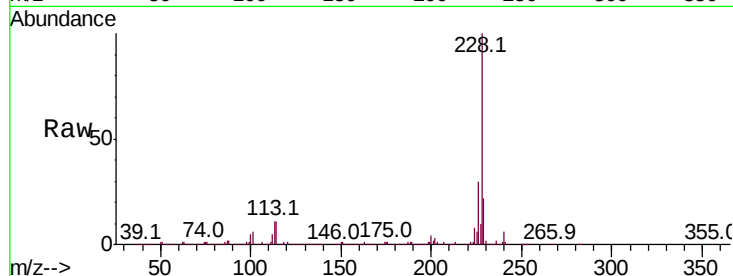
Tot Ion:228 Resp: 1104459

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.7	37.1
229	22.0	18.2	27.4

228 100

226 30.5 24.7 37.1

229 22.0 18.2 27.4



#82

3,3'-Dichlorobenzidine

Concen: 30.226 ng

RT: 21.43 min Scan# 3122

Delta R.T. -0.01 min

Lab File: BG044387.D

Acq: 11 Feb 2020 13:45

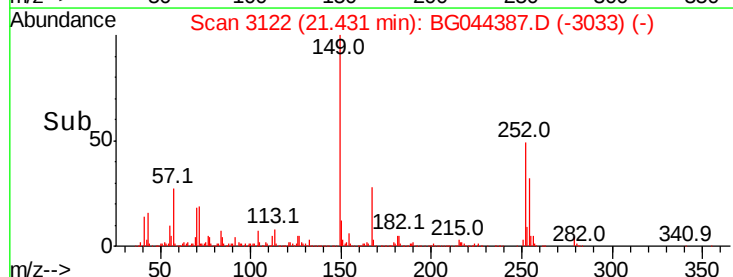
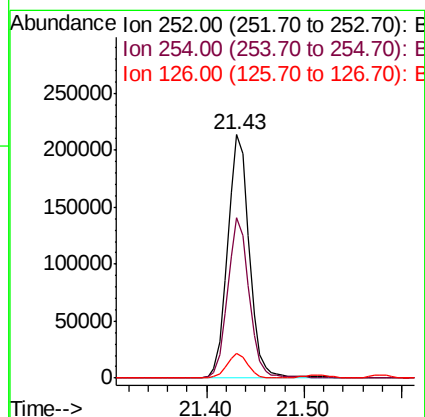
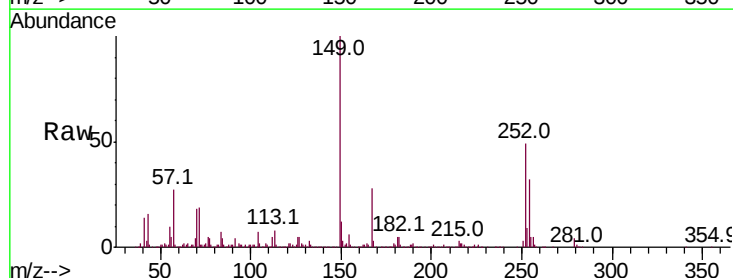
Tgt Ion:252 Resp: 329820

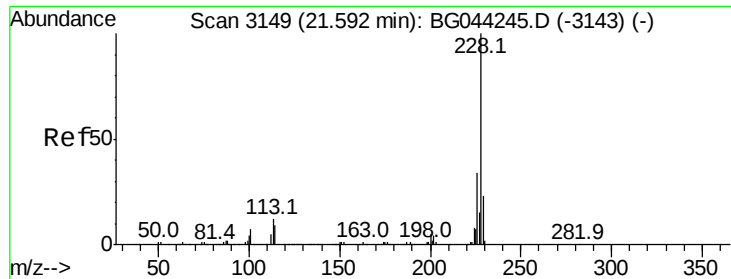
Ion	Ratio	Lower	Upper
252	100		
254	65.6	52.6	78.8
126	10.2	8.2	12.4

252 100

254 65.6 52.6 78.8

126 10.2 8.2 12.4





#83

Chrvsene

Concen: 38.777 ng

RT: 21.58 min Scan# 3147

Delta R.T. 0.00 min

Lab File: BG044387.D

Acq: 11 Feb 2020 13:45

Instrument :

BNA_G

ClientSampleId :

PB126698BS

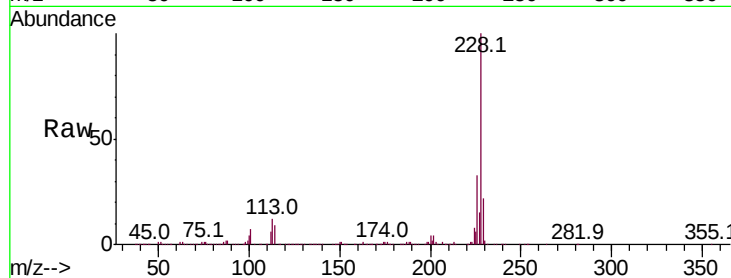
Tot Ion:228 Resp: 1053811

Ion Ratio Lower Upper

228 100

226 33.1 27.1 40.7

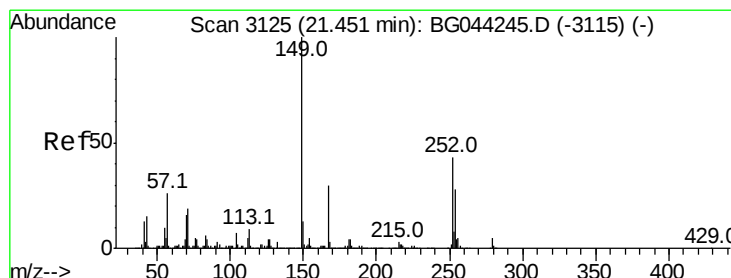
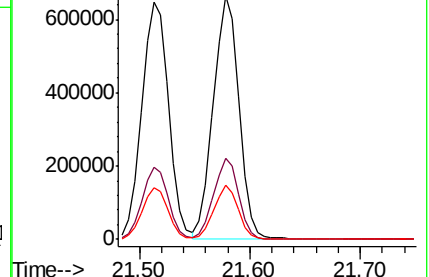
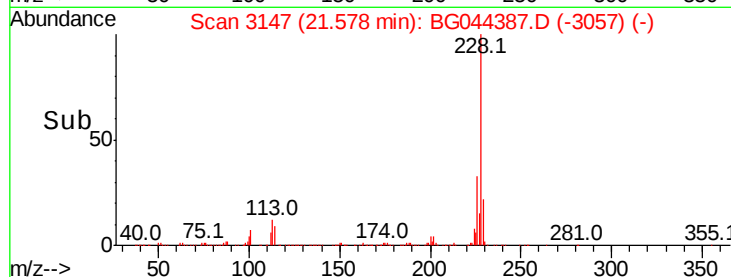
229 22.3 17.9 26.9



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: 38.938 ng

RT: 21.44 min Scan# 3123

Delta R.T. 0.00 min

Lab File: BG044387.D

Acq: 11 Feb 2020 13:45

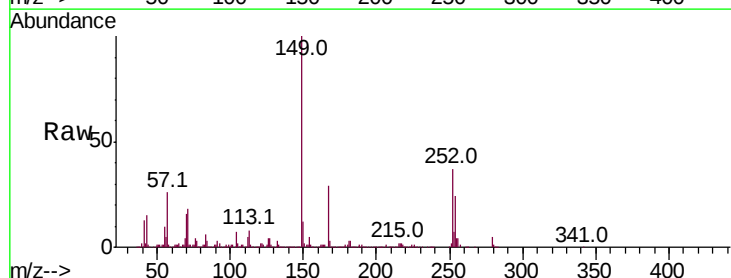
Tgt Ion:149 Resp: 715533

Ion Ratio Lower Upper

149 100

167 28.7 24.0 36.0

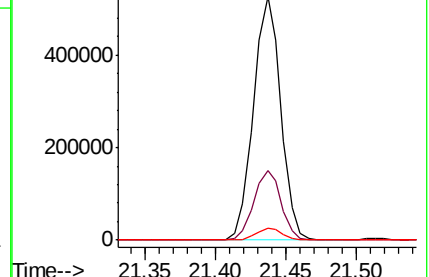
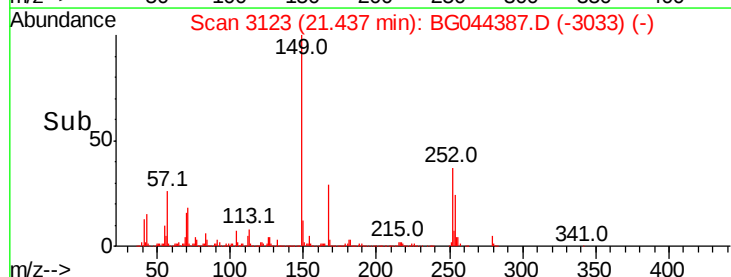
279 4.8 3.8 5.8

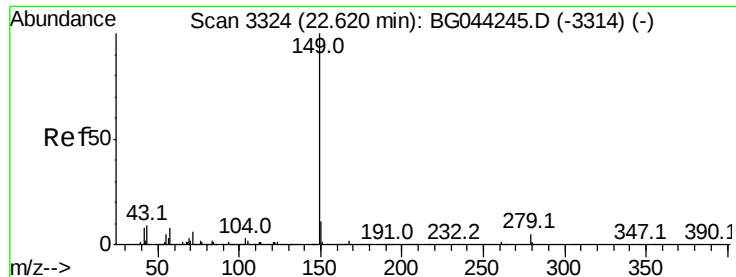


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.446 ng

RT: 22.60 min Scan# 3321

Delta R.T. -0.01 min

Lab File: BG044387.D

Acq: 11 Feb 2020 13:45

Instrument :

BNA_G

ClientSampleId :

PB126698BS

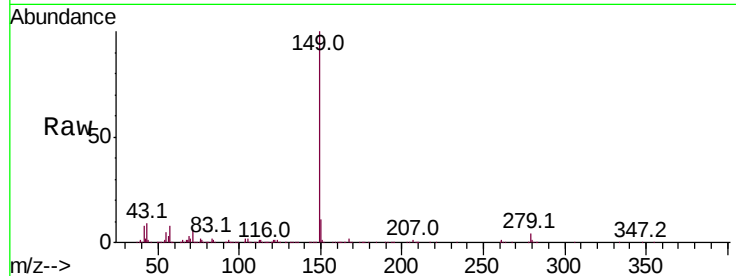
Tot Ion:149 Resp: 1254175

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

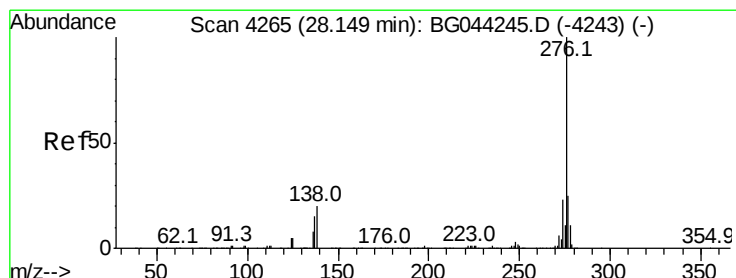
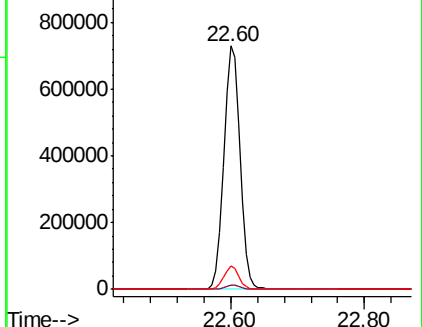
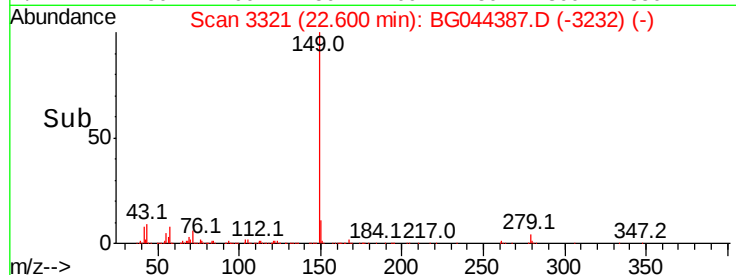
43 8.9 7.4 11.0



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: 38.154 ng

RT: 28.12 min Scan# 4260

Delta R.T. 0.00 min

Lab File: BG044387.D

Acq: 11 Feb 2020 13:45

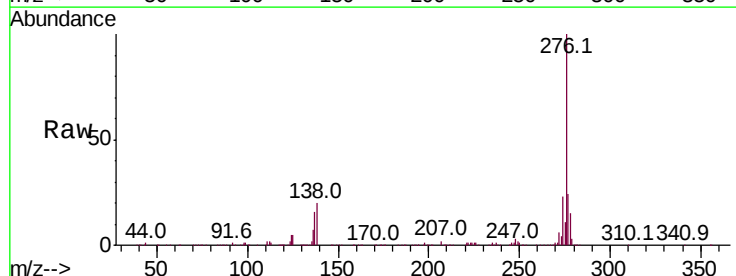
Tgt Ion:276 Resp: 1352755

Ion Ratio Lower Upper

276 100

138 24.0 19.4 29.0

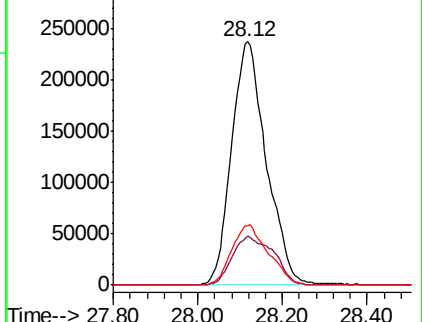
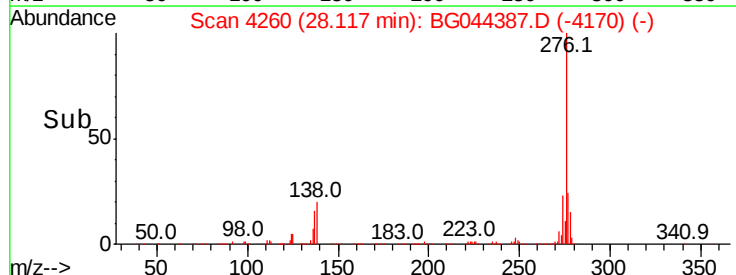
277 26.0 21.0 31.6

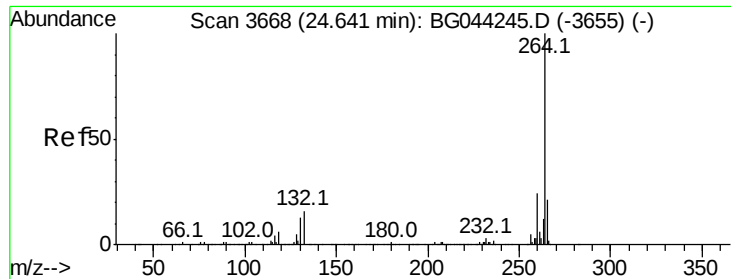


Abundance Ion 276.00 (275.70 to 276.70): E

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# 3665

Delta R.T. 0.00 min

Lab File: BG044387.D

Acq: 11 Feb 2020 13:45

Instrument :

BNA_G

ClientSampleId :

PB126698BS

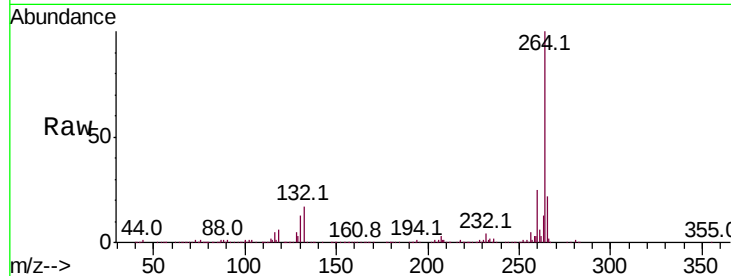
Tot Ion:264 Resp: 496974

Ion Ratio Lower Upper

264 100

260 25.1 19.4 29.2

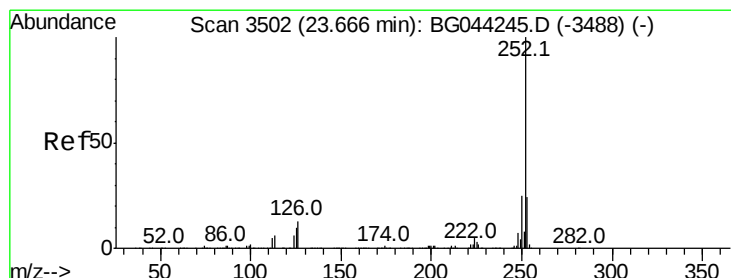
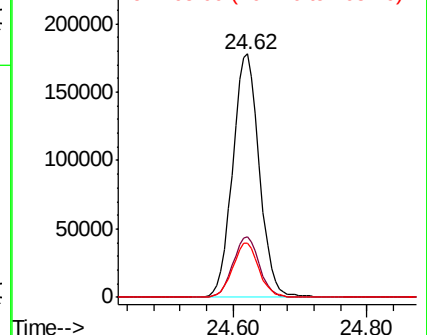
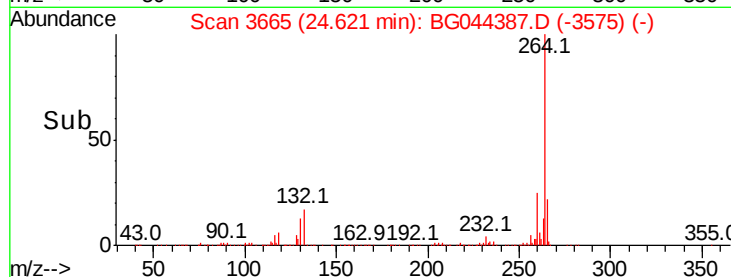
265 22.3 16.7 25.1



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: 40.472 ng

RT: 23.65 min Scan# 3499

Delta R.T. 0.00 min

Lab File: BG044387.D

Acq: 11 Feb 2020 13:45

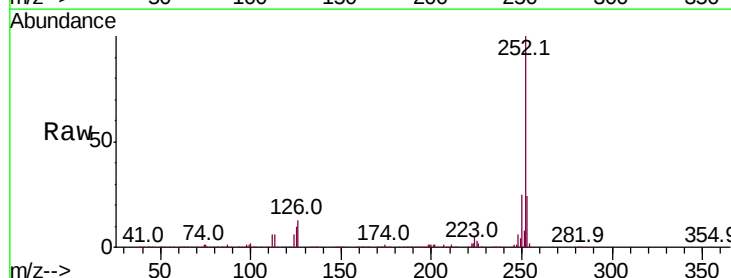
Tgt Ion:252 Resp: 1159016

Ion Ratio Lower Upper

252 100

253 23.5 19.2 28.8

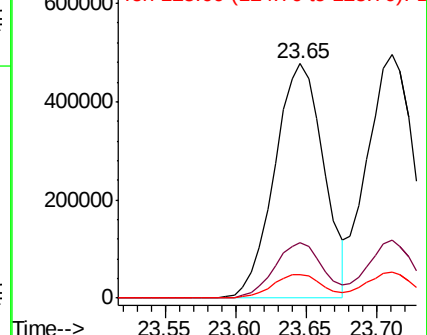
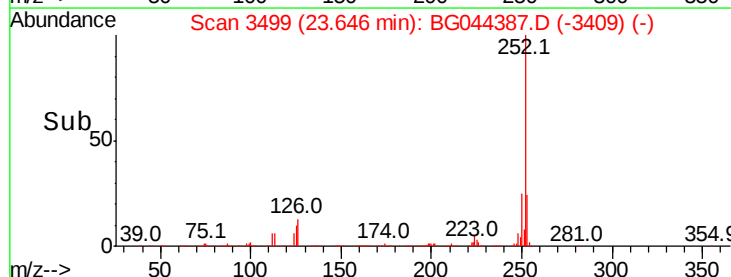
125 10.1 8.4 12.6

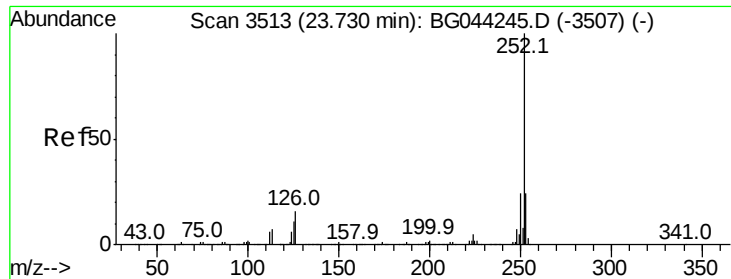


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

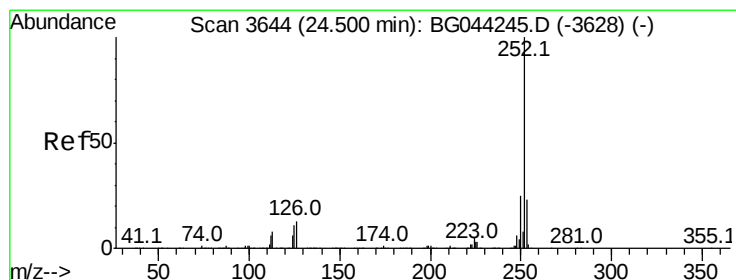
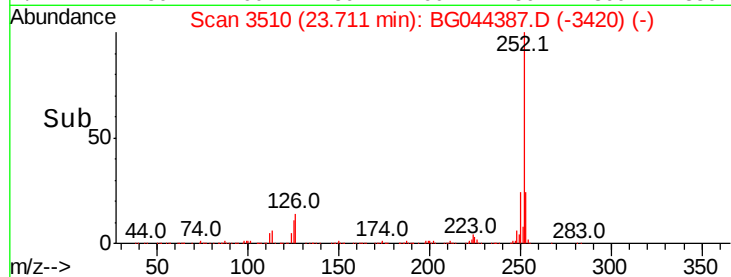
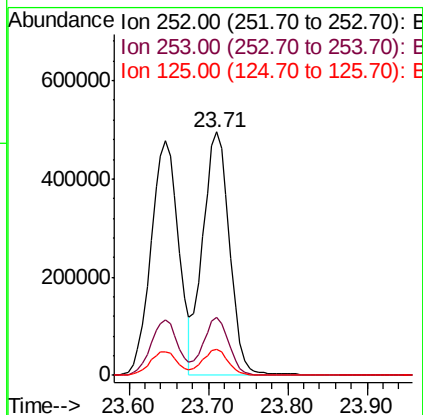
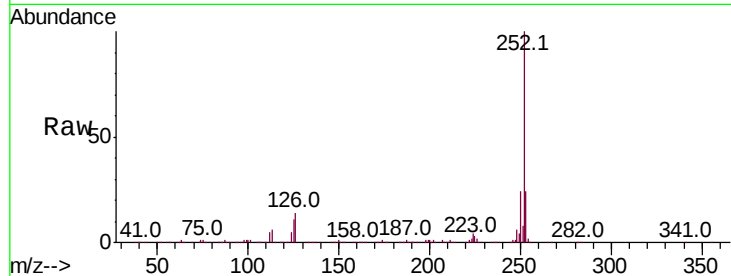




#89
Benzo(k)fluoranthene
Concen: 41.436 ng
RT: 23.71 min Scan# 3510
Delta R.T. 0.00 min
Lab File: BG044387.D
Acq: 11 Feb 2020 13:45

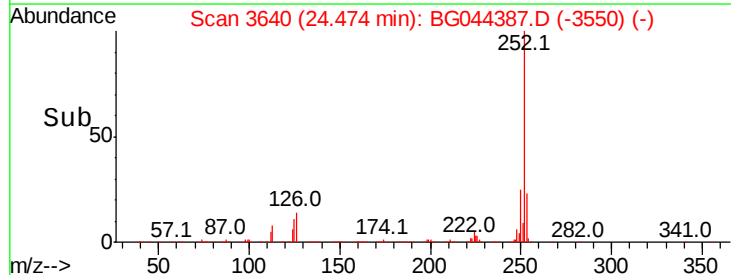
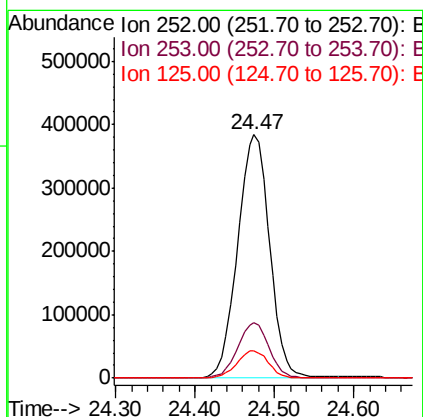
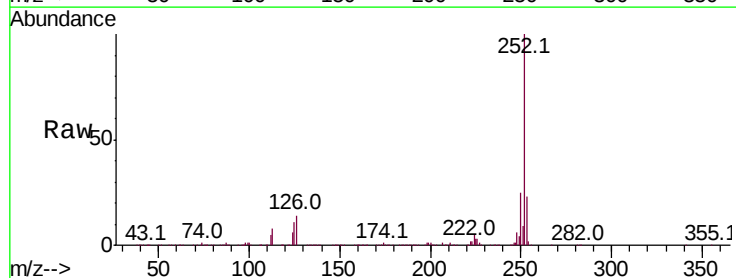
Instrument :
BNA_G
ClientSampleId :
PB126698BS

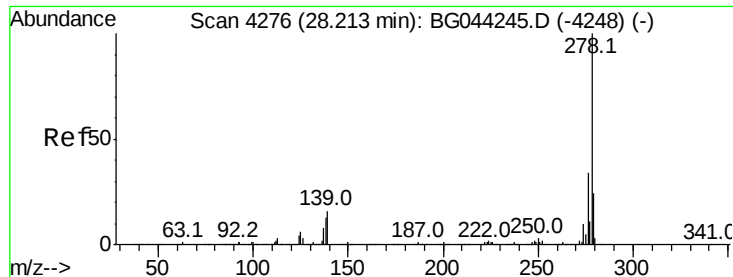
Tot Ion:252 Resp: 1156522
Ion Ratio Lower Upper
252 100
253 23.9 19.1 28.7
125 10.8 8.6 12.8



#90
Benzo(a)pyrene
Concen: 39.765 ng
RT: 24.47 min Scan# 3640
Delta R.T. 0.00 min
Lab File: BG044387.D
Acq: 11 Feb 2020 13:45

Tgt Ion:252 Resp: 1076701
Ion Ratio Lower Upper
252 100
253 22.9 18.1 27.1
125 11.4 8.6 13.0

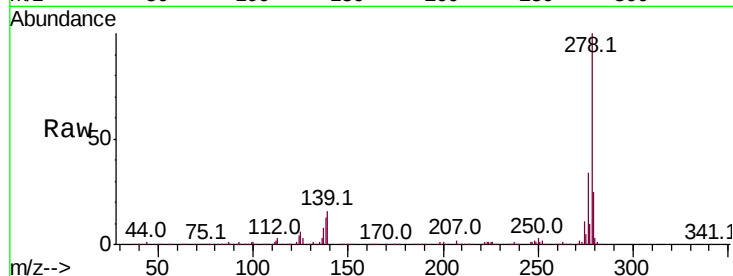




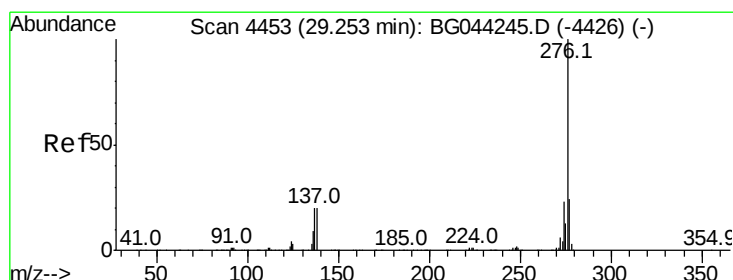
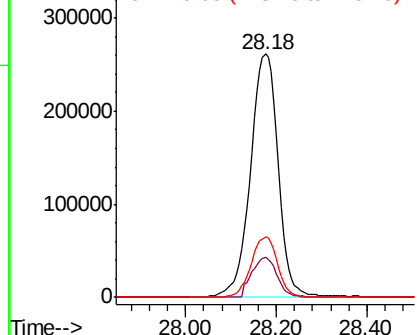
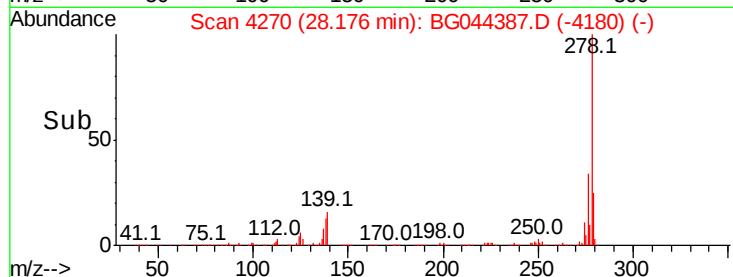
#91
Dibenzo(a,h)anthracene
Concen: 41.331 ng
RT: 28.18 min Scan# 4270
Delta R.T. 0.00 min
Lab File: BG044387.D
Acq: 11 Feb 2020 13:45

Instrument :
BNA_G
ClientSampleId :
PB126698BS

Tot Ion:278 Resp: 1107541
Ion Ratio Lower Upper
278 100
139 16.3 12.7 19.1
279 24.9 19.3 28.9

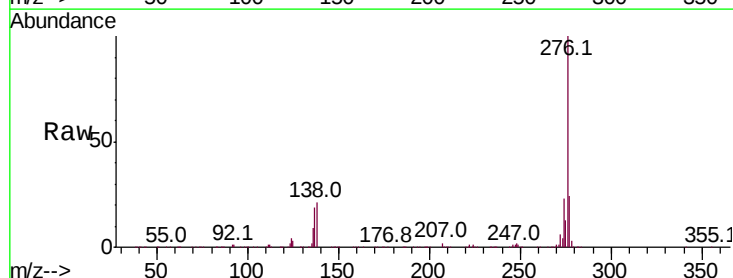


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 42.397 ng
RT: 29.21 min Scan# 4446
Delta R.T. 0.01 min
Lab File: BG044387.D
Acq: 11 Feb 2020 13:45

Tgt Ion:276 Resp: 1137306
Ion Ratio Lower Upper
276 100
277 24.0 18.8 28.2
138 20.8 16.2 24.2



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

