

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121119\
 Data File : BG043811.D
 Acq On : 12 Dec 2019 1:19
 Operator : JU
 Sample : K6245-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RELAY-FLOOR

Quant Time: Dec 12 02:22:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 09 18:16:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	192661	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	799438	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	513918	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	972196	20.00	ng	0.00
76) Chrysene-d12	21.63	240	798849	20.00	ng	0.00
87) Perylene-d12	24.79	264	924012	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	958995	94.31	ng	0.00
7) Phenol-d6	7.17	99	1413022	96.36	ng	0.01
23) Nitrobenzene-d5	9.16	82	891727	62.63	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	427799	87.32	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1824273	62.35	ng	0.00
79) Terphenyl-d14	19.99	244	2132196	64.21	ng	0.00

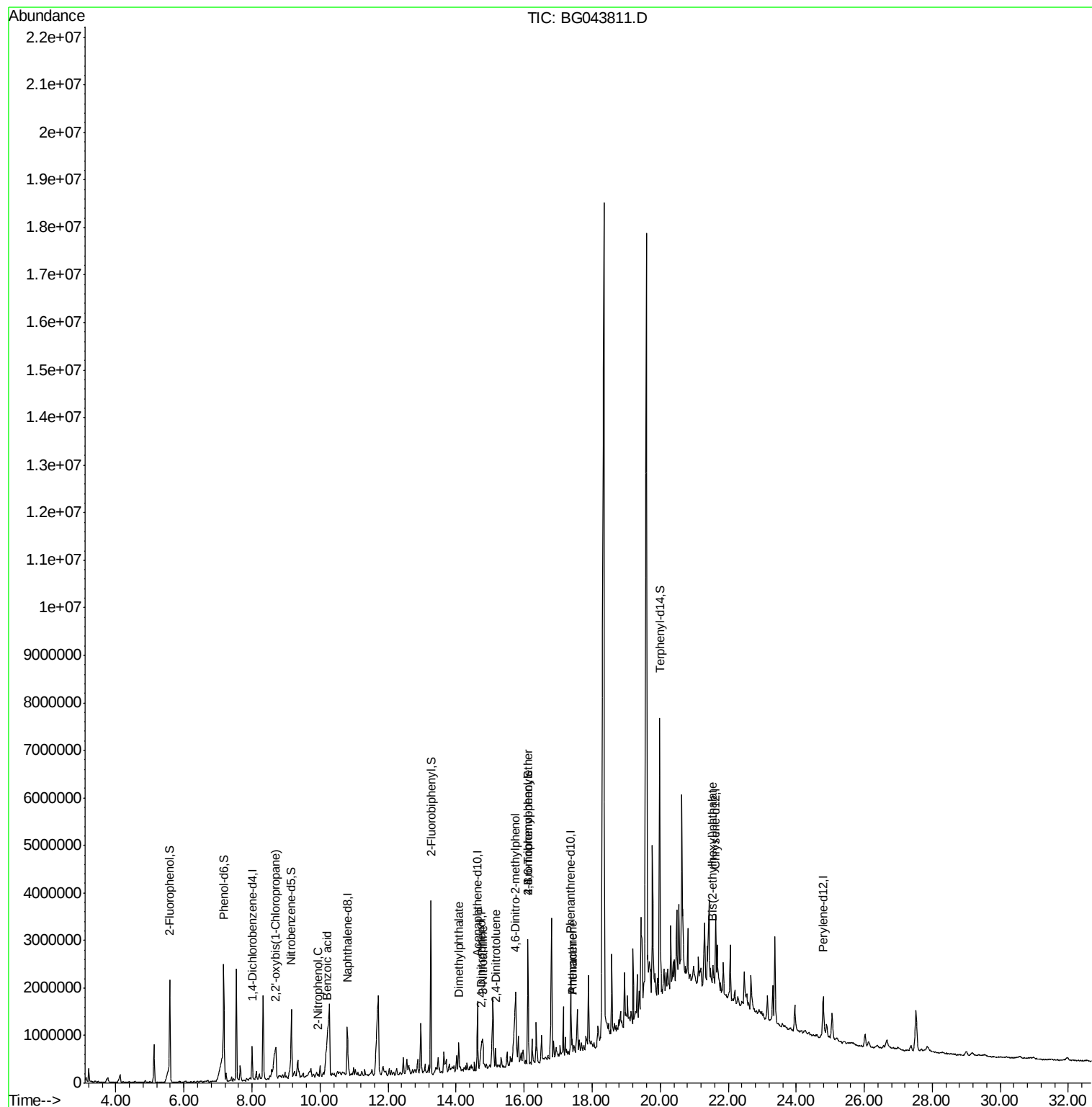
Target Compounds				Qvalue		
9) Benzaldehyde	7.17	77	4396	Below Cal	#	57
16) 2,2'-oxybis(1-Chloropropan	8.70	45	116875	5.676	ng	82
26) 2-Nitrophenol	9.94	139	1434	8.557	ng	1
32) Benzoic acid	10.19	122	32250	10.594	ng	89
50) Dimethylphthalate	14.08	163	92190	2.513	ng	99
53) 3-Nitroaniline	14.79	138	140125	15.490	ng	4
54) 2,4-Dinitrophenol	14.72	184	390	4.115	ng	1
57) 2,4-Dinitrotoluene	15.17	165	142098	13.304	ng	28
65) 4,6-Dinitro-2-methylphenol	15.74	198	189	9.541	ng	1
67) 4-Bromophenyl-phenylether	16.11	248	33798	3.252	ng	1
71) Phenanthrene	17.41	178	130288	2.831	ng	98
72) Anthracene	17.41	178	130288	2.860	ng	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	138679	4.447	ng	98

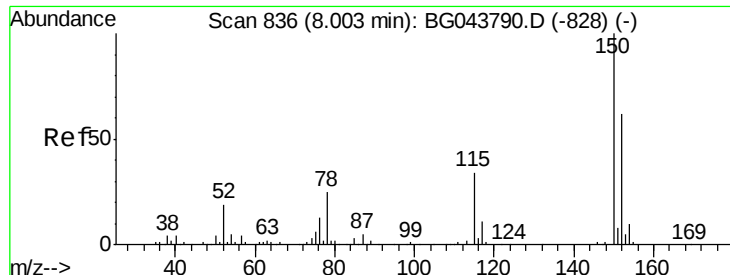
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.01 min Scan# 837

Delta R.T. 0.00 min

Lab File: BG043811.D

Acq: 12 Dec 2019 1:19

Instrument :

BNA_G

ClientSampleId :

RELAY-FLOOR

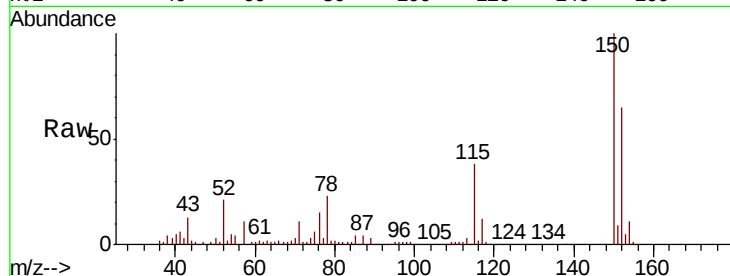
Tot Ion:152 Resp: 192661

Ion Ratio Lower Upper

152 100

150 154.1 128.6 192.8

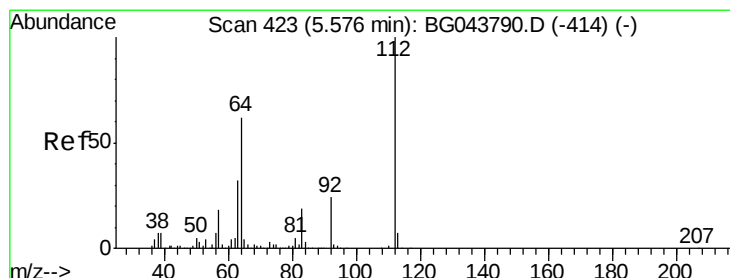
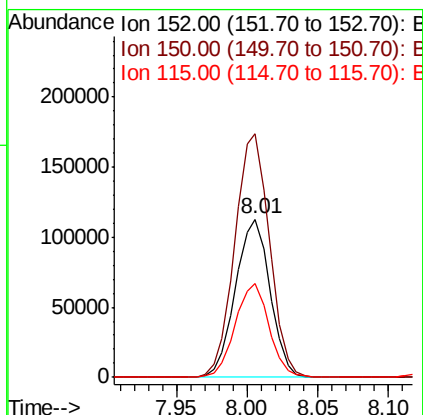
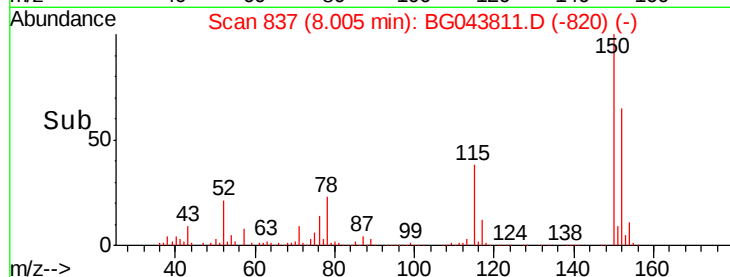
115 59.1 44.3 66.5



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



#5

2-Fluorophenol

Concen: 94.312 ng

RT: 5.58 min Scan# 425

Delta R.T. 0.01 min

Lab File: BG043811.D

Acq: 12 Dec 2019 1:19

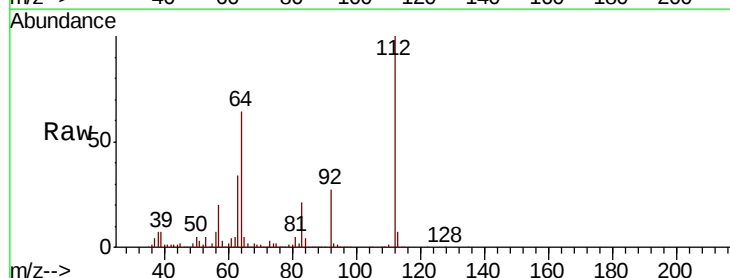
Tgt Ion:112 Resp: 958995

Ion Ratio Lower Upper

112 100

64 63.5 49.9 74.9

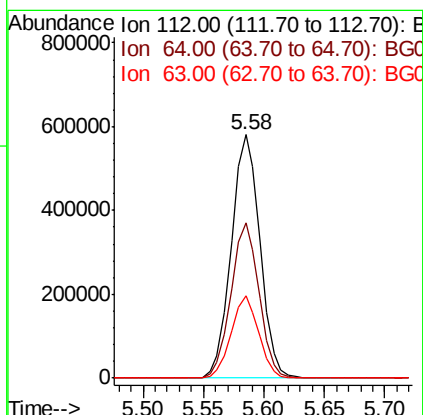
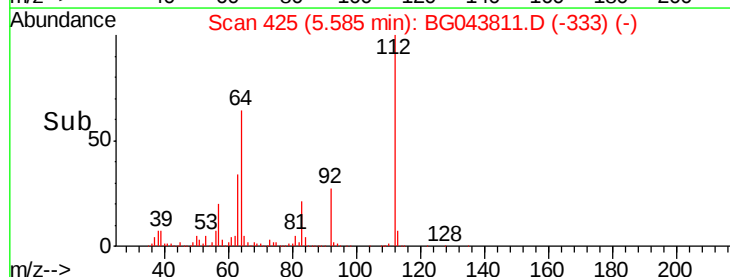
63 33.7 26.0 39.0

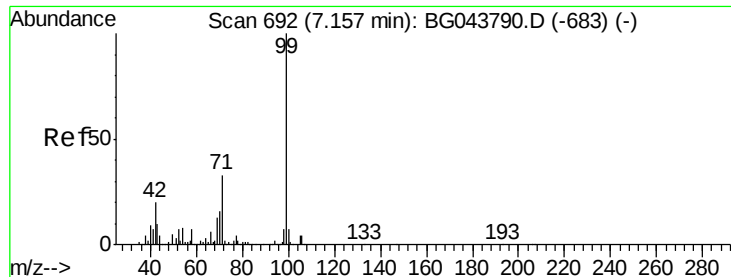


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 96.356 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG043811.D

Acq: 12 Dec 2019 1:19

Instrument :

BNA_G

ClientSampleId :

RELAY-FLOOR

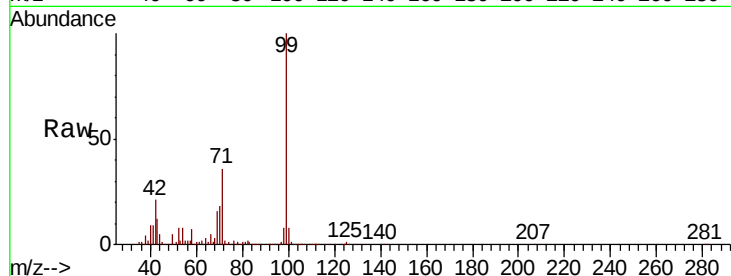
Tot Ion: 99 Resp: 1413022

Ion Ratio Lower Upper

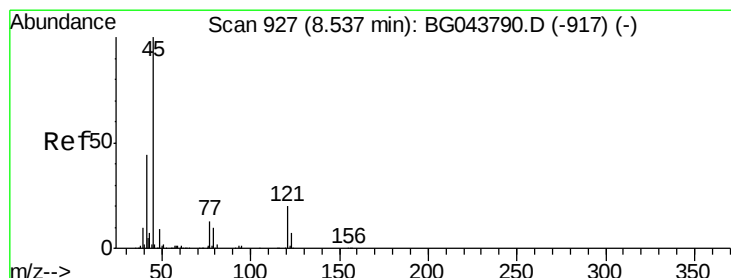
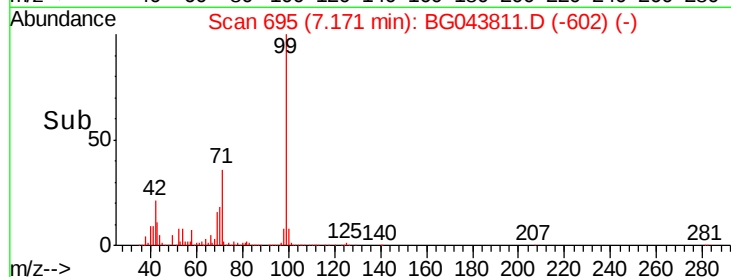
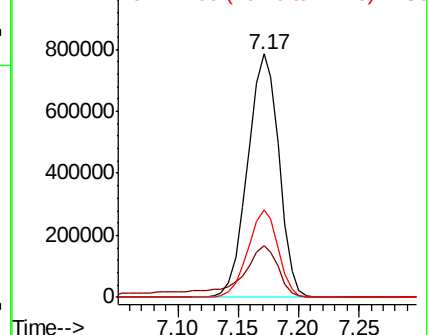
99 100

42 21.2 16.2 24.2

71 36.2 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 5.676 ng

RT: 8.70 min Scan# 955

Delta R.T. 0.16 min

Lab File: BG043811.D

Acq: 12 Dec 2019 1:19

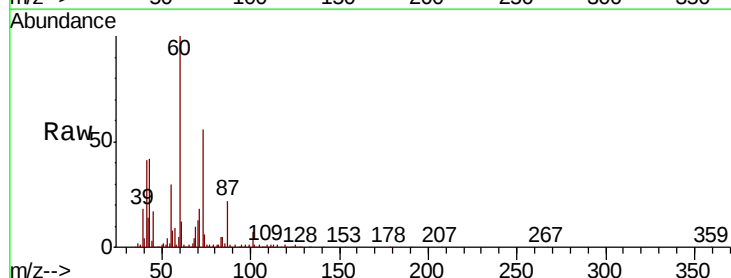
Tgt Ion: 45 Resp: 116875

Ion Ratio Lower Upper

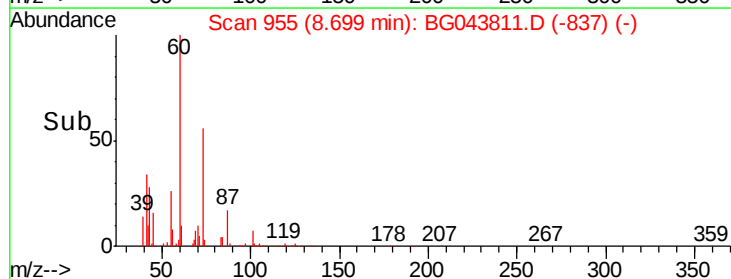
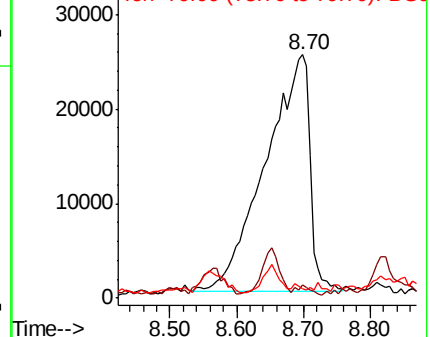
45 100

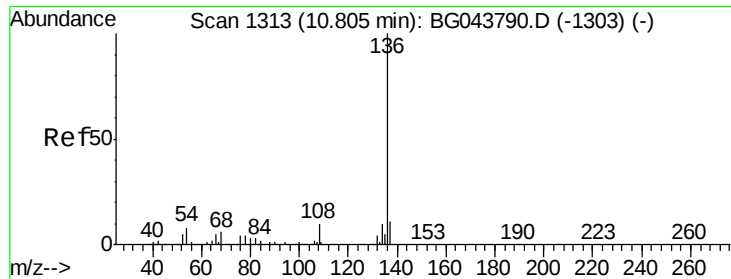
77 5.6 0.0 33.6

79 3.9 0.0 29.9



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

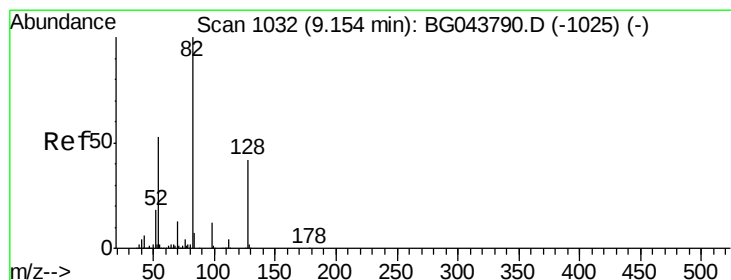
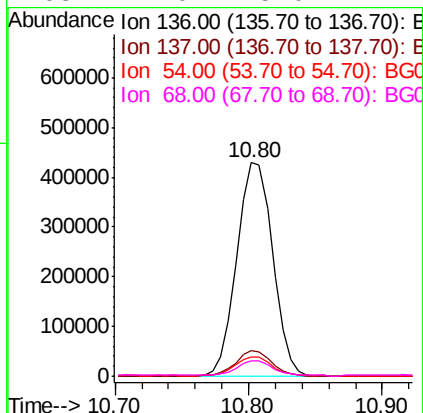
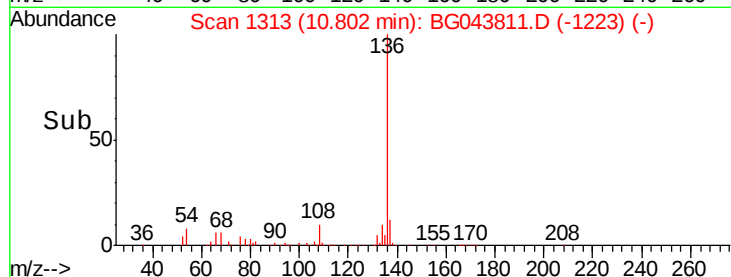
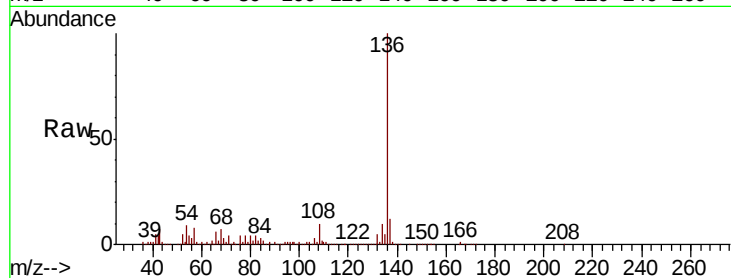




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG043811.D
Acq: 12 Dec 2019 1:19

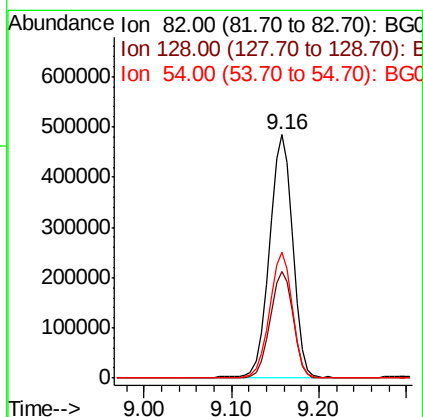
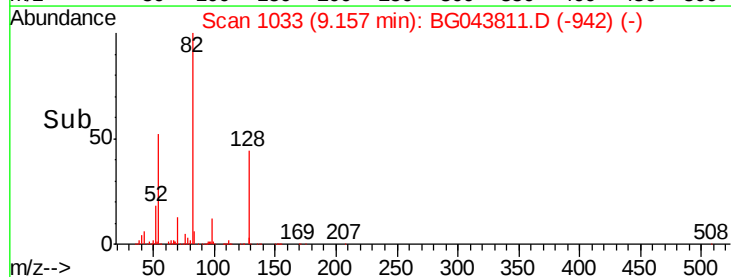
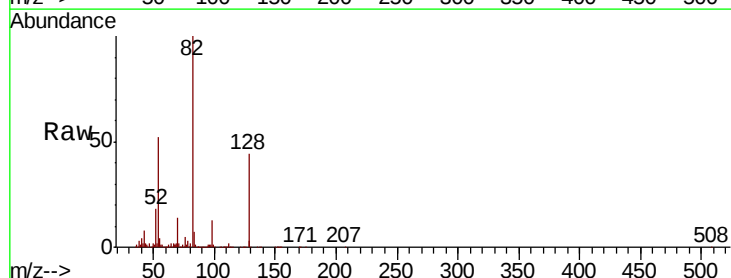
Instrument :
BNA_G
ClientSampleId :
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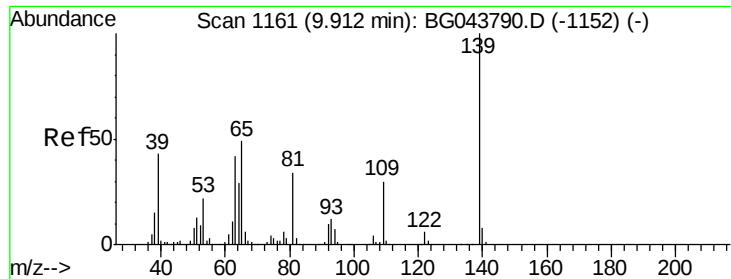
Tot Ion:136	Resp:	799438
Ion	Ratio	Lower Upper
136	100	
137	12.2	8.7 13.1
54	9.3	6.8 10.2
68	7.0	5.0 7.4



#23
Nitrobenzene-d5
Concen: 62.629 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BG043811.D
Acq: 12 Dec 2019 1:19

Tgt Ion: 82	Resp:	891727
Ion	Ratio	Lower Upper
82	100	
128	43.9	33.6 50.4
54	51.8	42.1 63.1

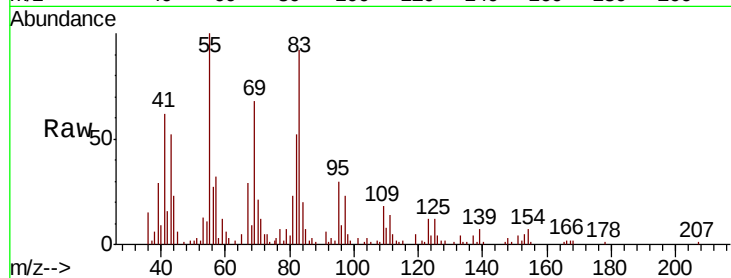




#26
2-Nitrophenol
Concen: 8.557 ng
RT: 9.94 min Scan# 1166
Delta R.T. 0.03 min
Lab File: BG043811.D
Acq: 12 Dec 2019 1:19

Instrument :
BNA_G
ClientSampleId :
RELAY-FLOOR

Tot Ion	Ratio	Lower	Upper
139	100		
109	241.9	23.9	35.9#
65	61.3	39.3	58.9#

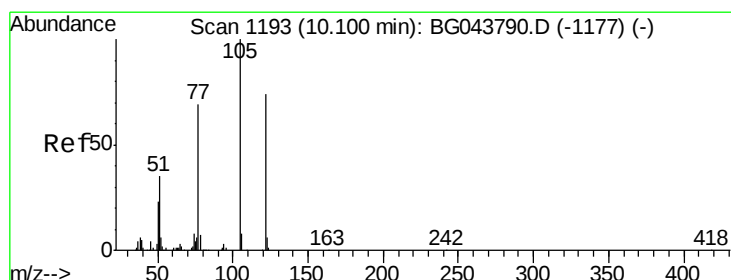
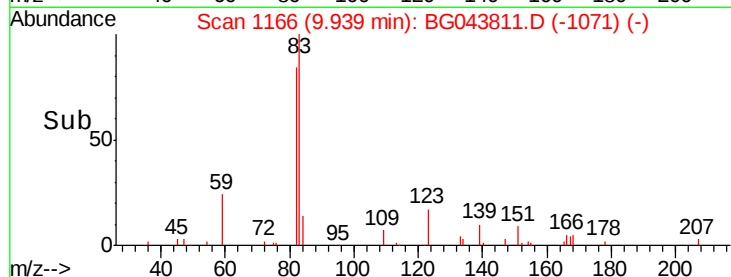
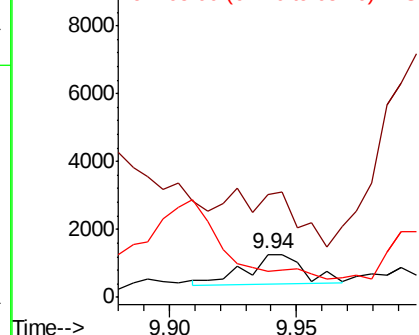


Abundance

Ion 139.00 (138.70 to 139.70): E

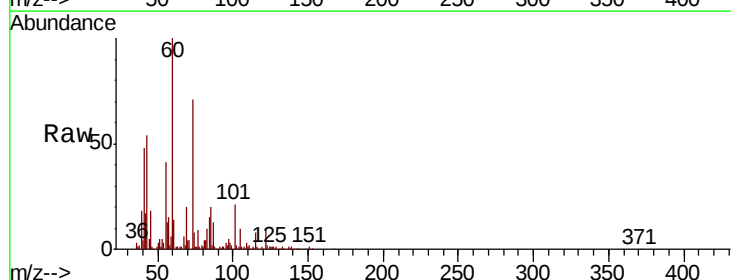
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#32
Benzoic acid
Concen: 10.594 ng
RT: 10.19 min Scan# 1209
Delta R.T. 0.09 min
Lab File: BG043811.D
Acq: 12 Dec 2019 1:19

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.5	107.5	147.5
77	105.4	71.7	111.7

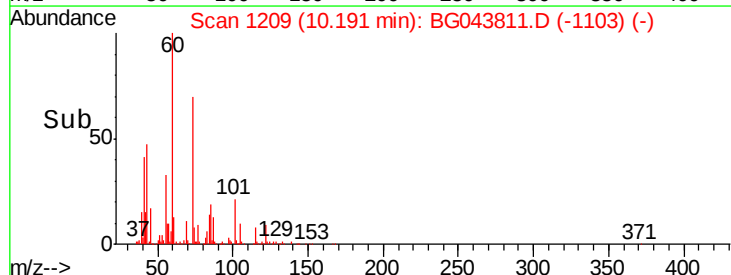
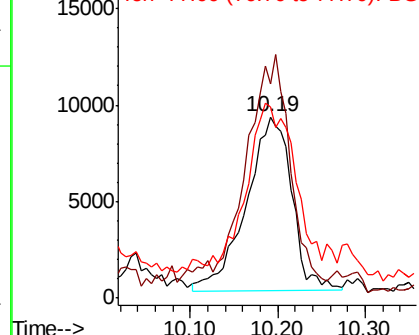


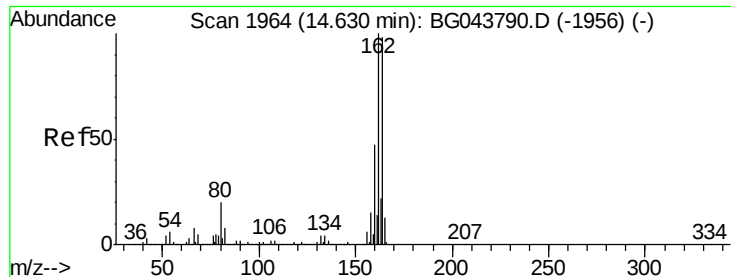
Abundance

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

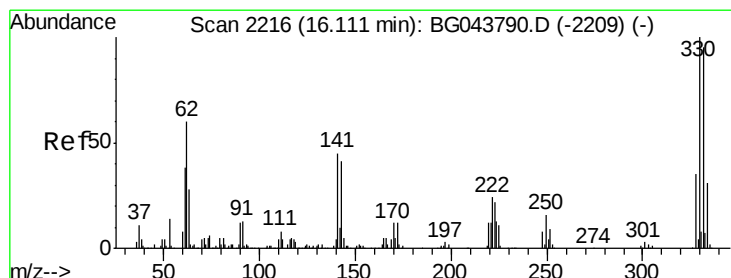
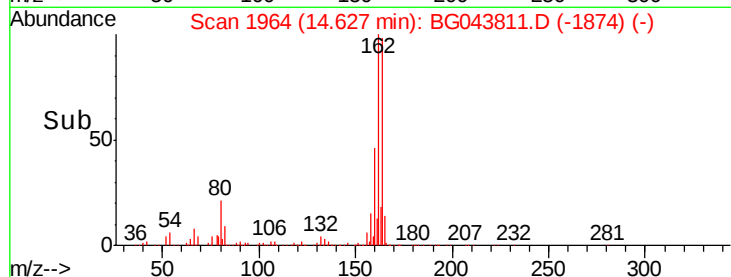
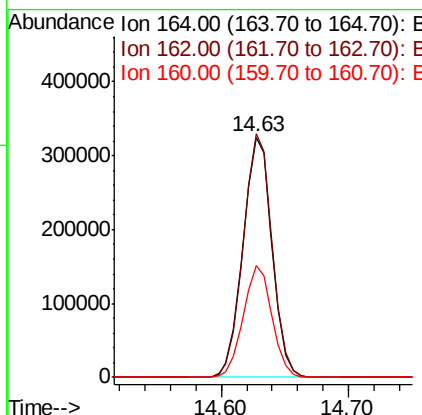
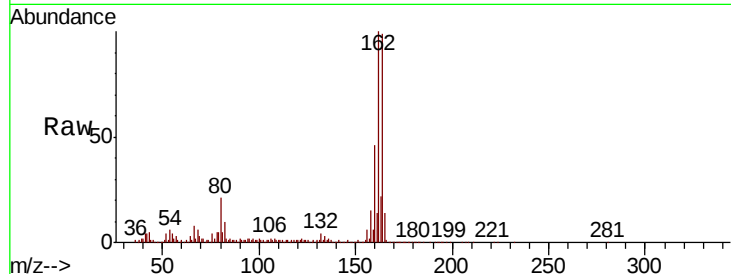




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: BG043811.D
 Acq: 12 Dec 2019 1:19

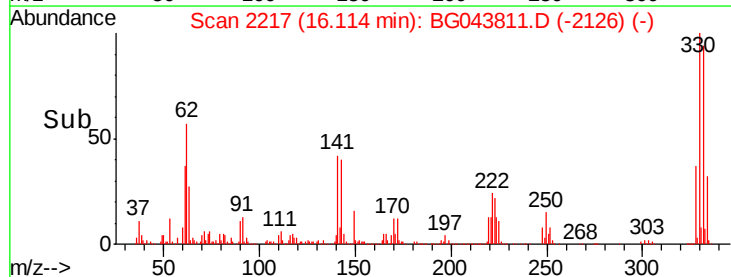
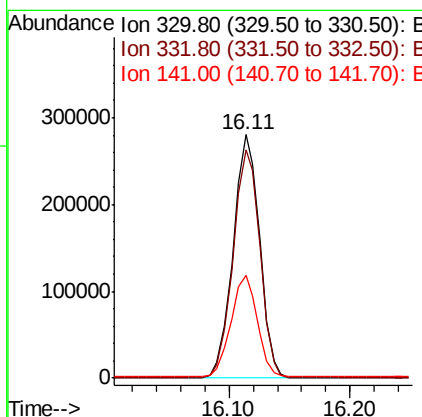
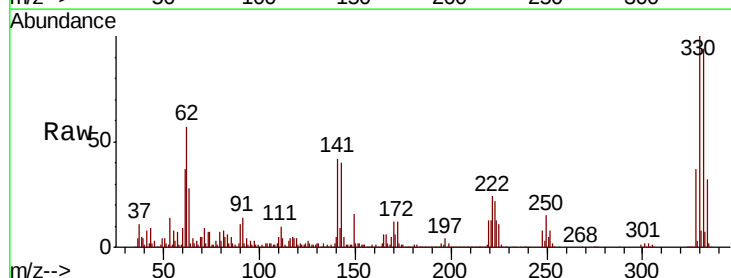
Instrument :
 BNA_G
 ClientSampleId :
 RELAY-FLOOR

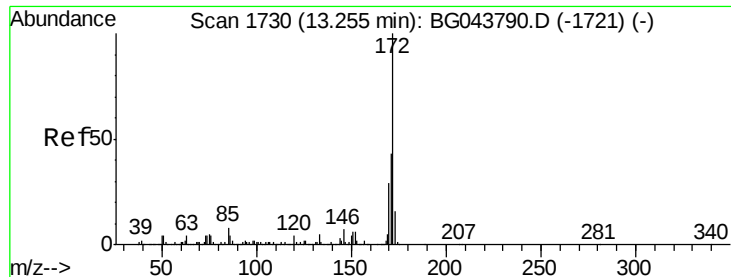
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.9	122.9
160	46.4	38.3	57.5



#42
 2,4,6-Tribromophenol
 Concen: 87.316 ng
 RT: 16.11 min Scan# 2217
 Delta R.T. 0.00 min
 Lab File: BG043811.D
 Acq: 12 Dec 2019 1:19

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.9	115.3
141	41.7	33.8	50.8

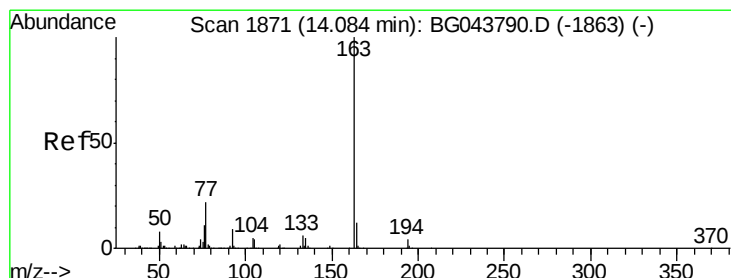
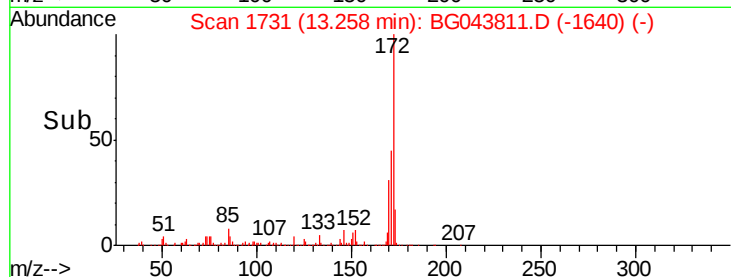
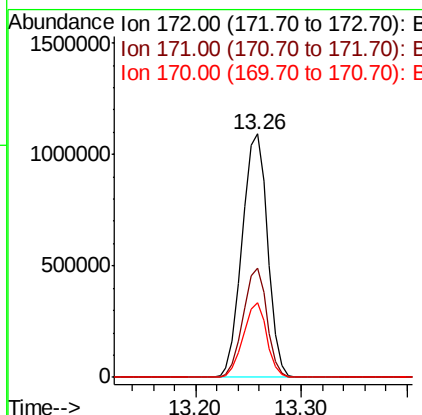
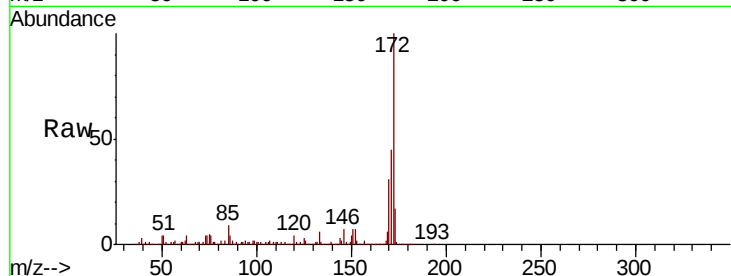




#45
2-Fluorobiphenyl
Concen: 62.354 ng
RT: 13.26 min Scan# 1731
Delta R.T. 0.00 min
Lab File: BG043811.D
Acq: 12 Dec 2019 1:19

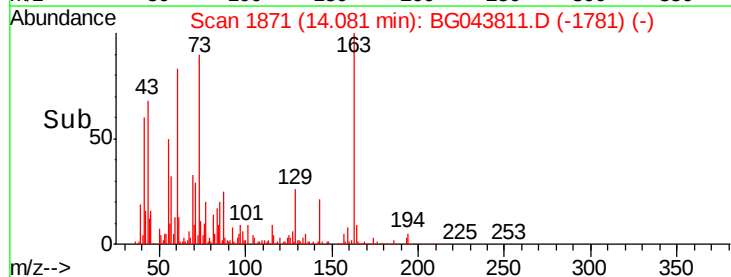
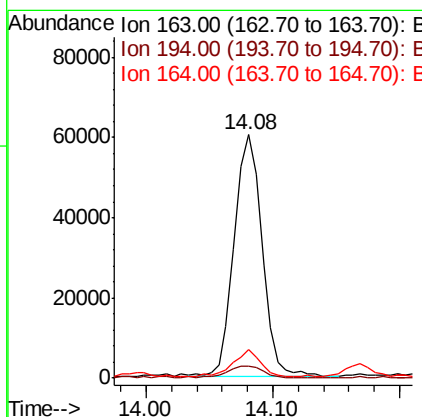
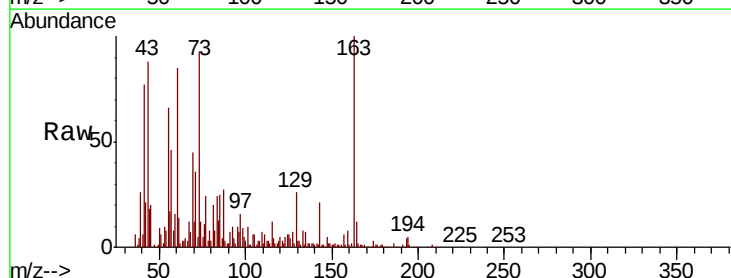
Instrument :
BNA_G
ClientSampleId :
RELAY-FLOOR

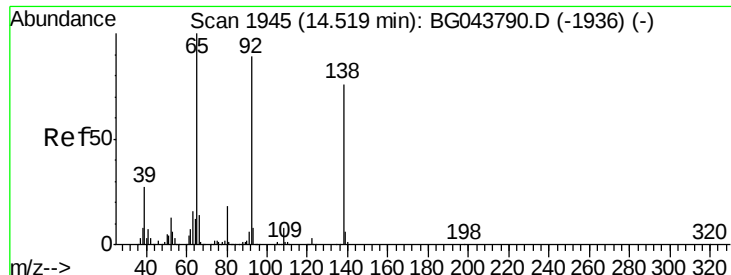
Tot Ion:172 Resp: 1824273
Ion Ratio Lower Upper
172 100
171 44.8 34.6 51.8
170 30.6 23.3 34.9



#50
Dimethylphthalate
Concen: 2.513 ng
RT: 14.08 min Scan# 1871
Delta R.T. -0.00 min
Lab File: BG043811.D
Acq: 12 Dec 2019 1:19

Tgt Ion:163 Resp: 92190
Ion Ratio Lower Upper
163 100
194 5.0 3.6 5.4
164 11.6 9.4 14.0

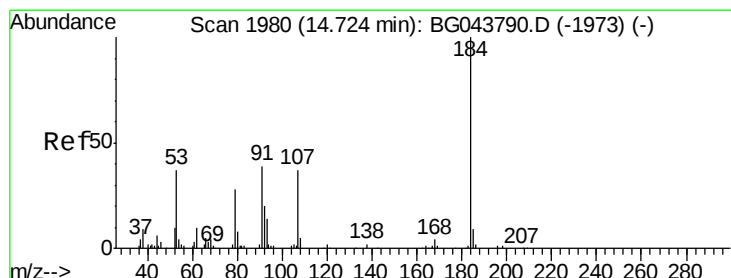
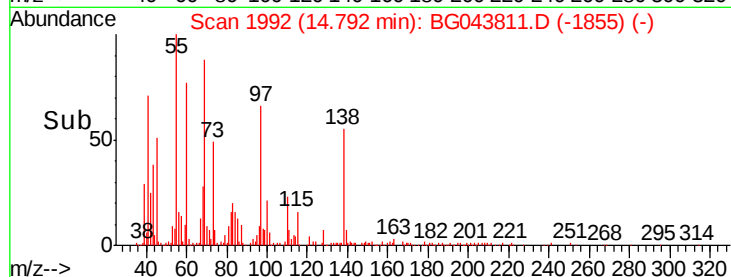
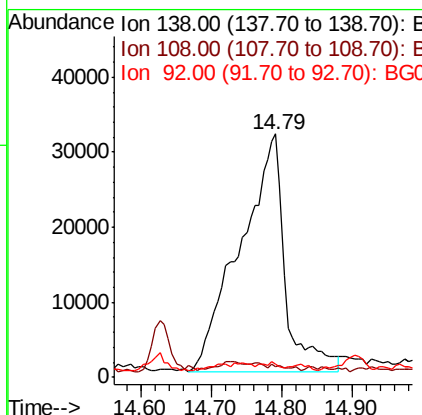
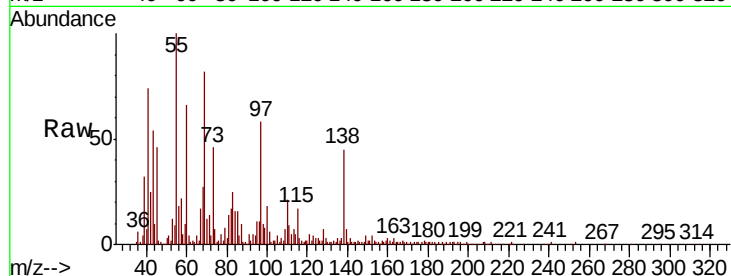




#53
3-Nitroaniline
Concen: 15.490 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.27 min
Lab File: BG043811.D
Acq: 12 Dec 2019 1:19

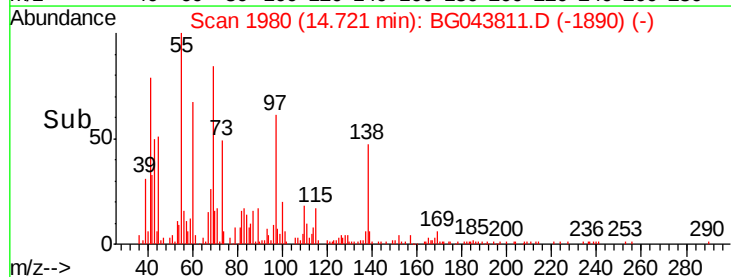
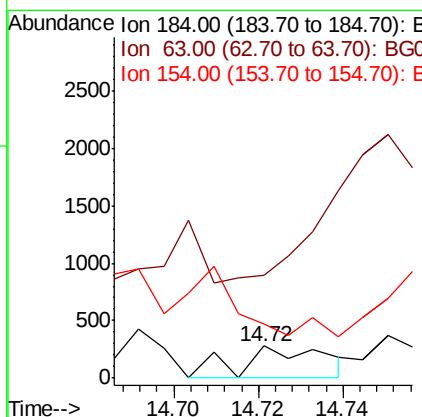
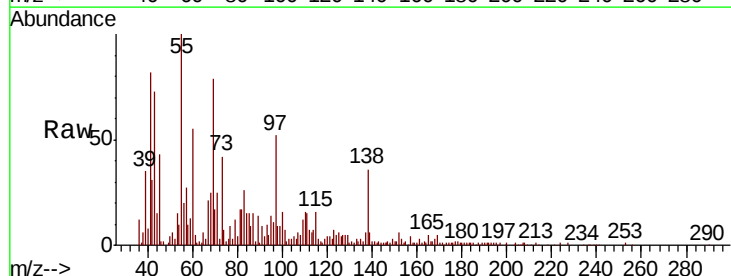
Instrument :
BNA_G
ClientSampleId :
RELAY-FLOOR

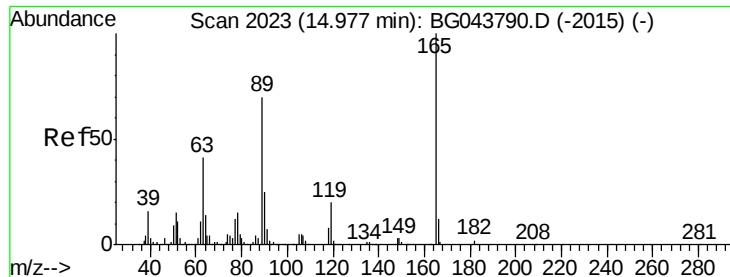
Tot Ion:138 Resp: 140125
Ion Ratio Lower Upper
138 100
108 4.5 8.1 12.1#
92 5.3 94.6 141.8#



#54
2,4-Dinitrophenol
Concen: 4.115 ng
RT: 14.72 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BG043811.D
Acq: 12 Dec 2019 1:19

Tgt Ion:184 Resp: 390
Ion Ratio Lower Upper
184 100
63 317.9 43.4 65.0#
154 168.2 54.8 82.2#

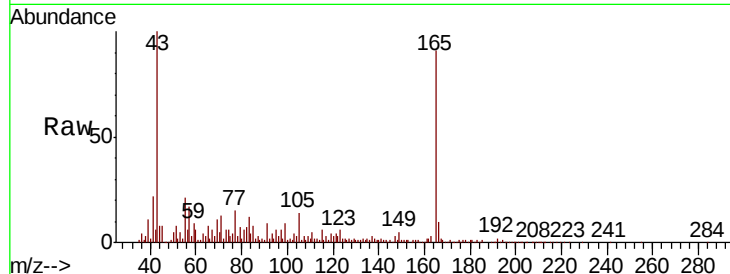




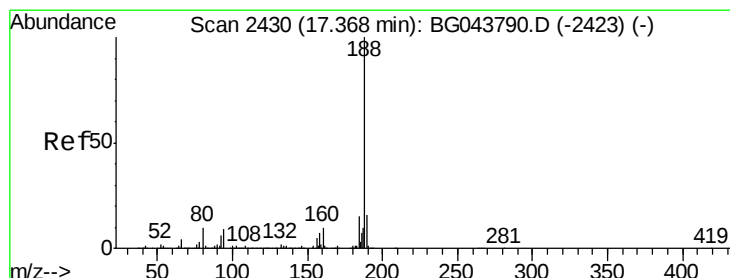
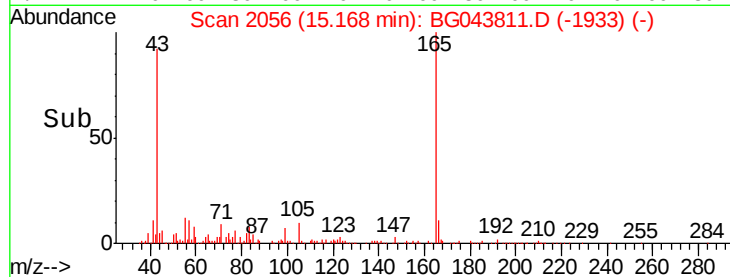
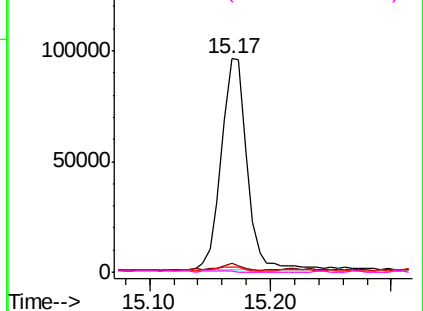
#57
 2,4-Dinitrotoluene
 Concen: 13.304 ng
 RT: 15.17 min Scan# 2056
 Delta R.T. 0.19 min
 Lab File: BG043811.D
 Acq: 12 Dec 2019 1:19

Instrument :
 BNA_G
 ClientSampleId :
 RELAY-FLOOR

Tot Ion	Ratio	Lower	Upper
165	100		
63	4.0	32.7	49.1#
89	2.5	56.1	84.1#
182	0.5	2.0	3.0#

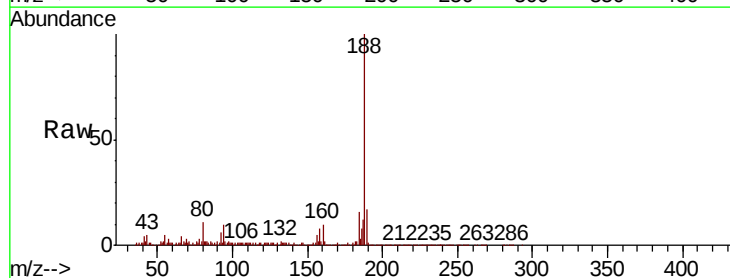


Abundance Ion 165.00 (164.70 to 165.70): E
 150000
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

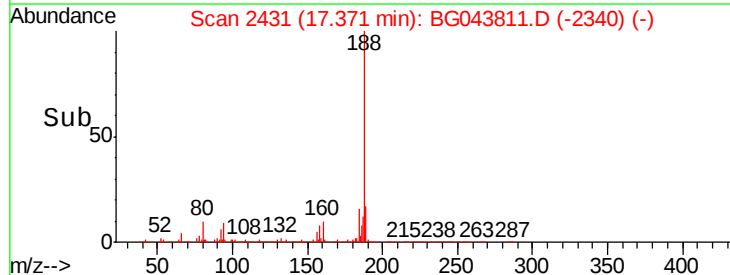
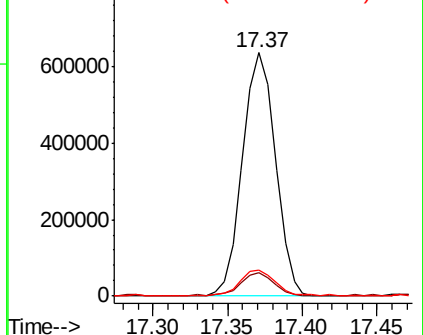


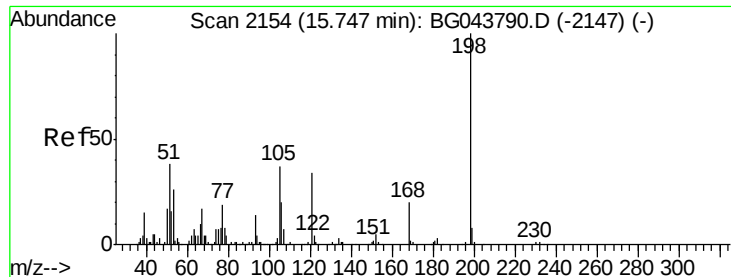
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.37 min Scan# 2431
 Delta R.T. 0.00 min
 Lab File: BG043811.D
 Acq: 12 Dec 2019 1:19

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	6.9	10.3
80	10.7	7.8	11.8



Abundance Ion 188.00 (187.70 to 188.70): E
 800000
 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: 9.541 ng

RT: 15.74 min Scan# 2154

Delta R.T. -0.00 min

Lab File: BG043811.D

Acq: 12 Dec 2019 1:19

Instrument :

BNA_G

ClientSampleId :

RELAY-FLOOR

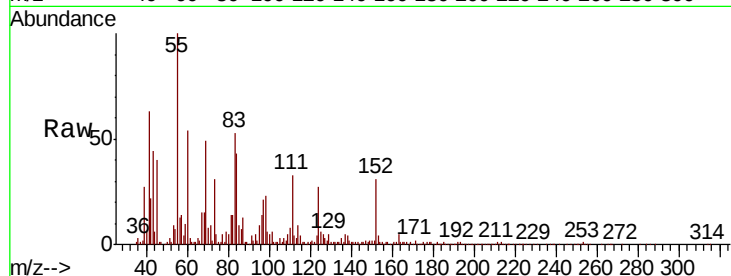
Tot Ion:198 Resp: 189

Ion Ratio Lower Upper

198 100

51 1102.5 18.9 58.9#

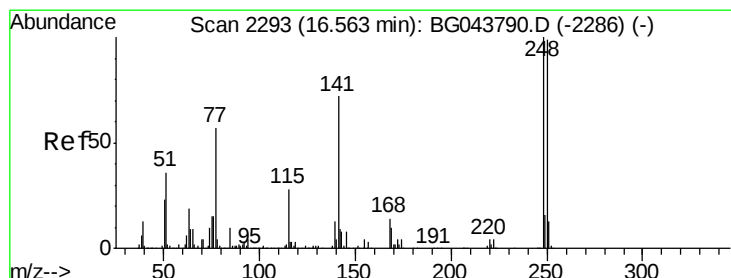
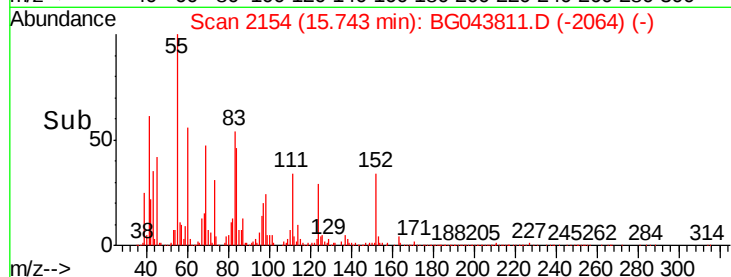
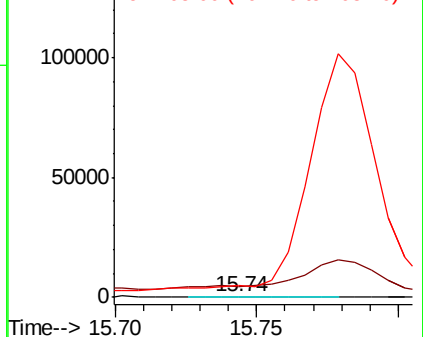
105 1181.8 18.1 58.1#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E



#67

4-Bromophenyl-phenylether

Concen: 3.252 ng

RT: 16.11 min Scan# 2217

Delta R.T. -0.45 min

Lab File: BG043811.D

Acq: 12 Dec 2019 1:19

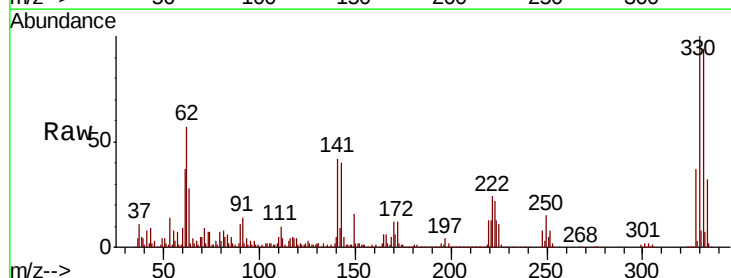
Tgt Ion:248 Resp: 33798

Ion Ratio Lower Upper

248 100

250 194.4 79.0 118.6#

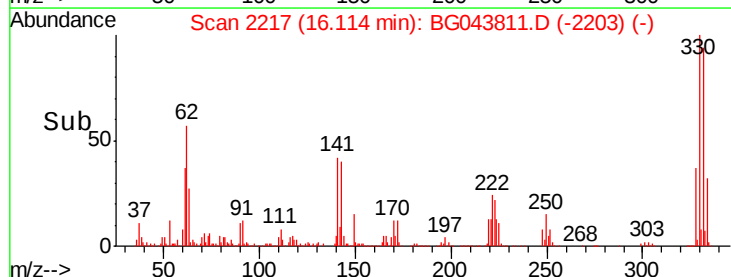
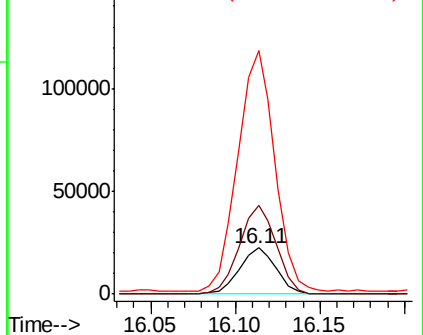
141 529.8 57.8 86.6#

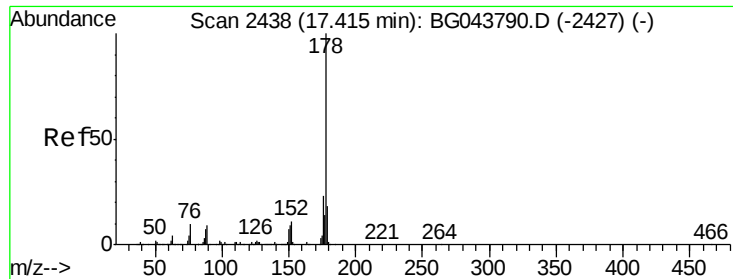


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

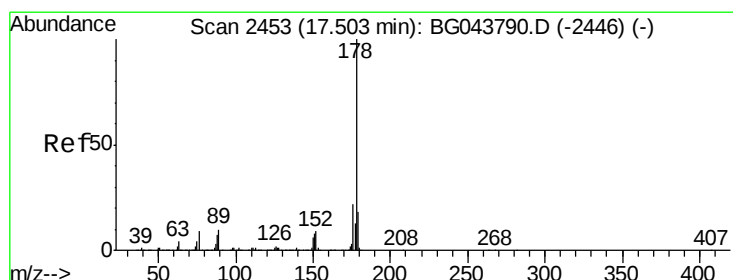
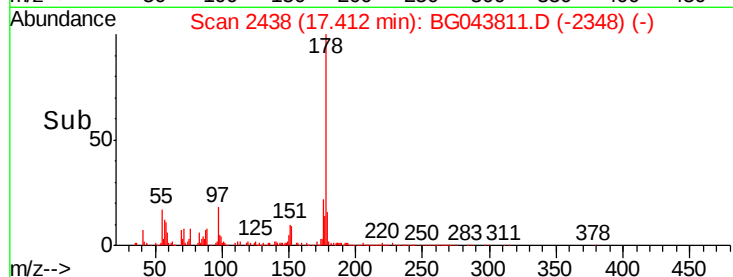
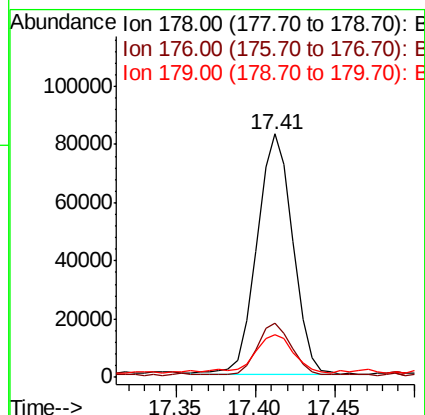
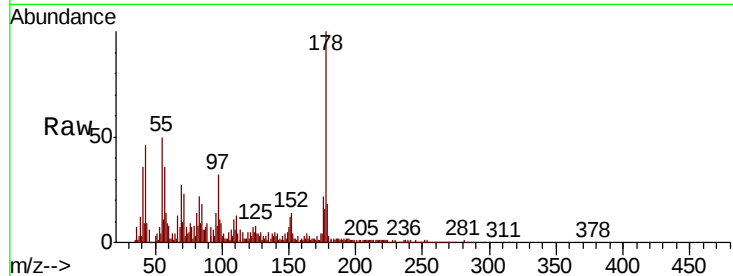




#71
Phenanthrene
Concen: 2.831 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG043811.D
Acq: 12 Dec 2019 1:19

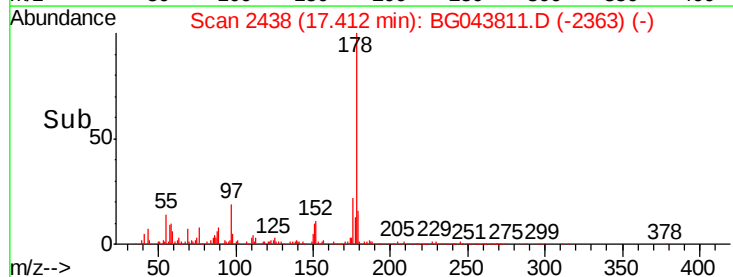
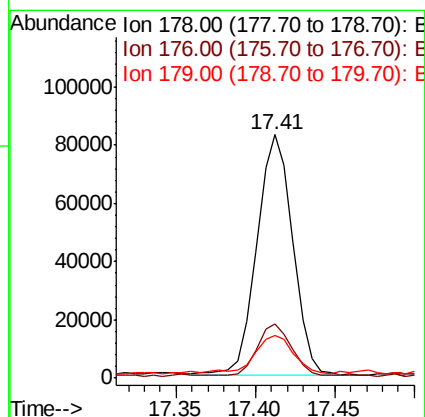
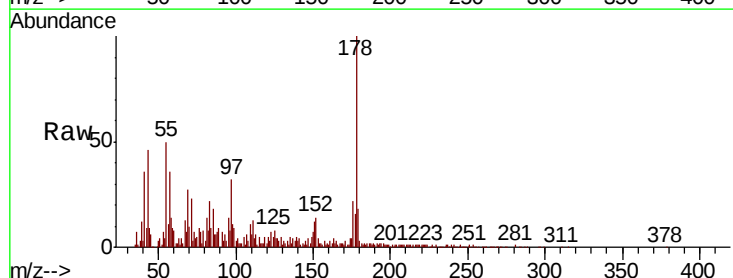
Instrument :
BNA_G
ClientSampleId :
RELAY-FLOOR

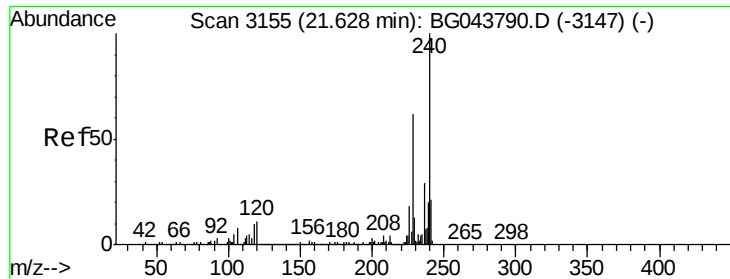
Tot Ion:178 Resp: 130288
Ion Ratio Lower Upper
178 100
176 22.5 18.6 27.8
179 17.6 14.7 22.1



#72
Anthracene
Concen: 2.860 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.09 min
Lab File: BG043811.D
Acq: 12 Dec 2019 1:19

Tgt Ion:178 Resp: 130288
Ion Ratio Lower Upper
178 100
176 22.5 17.7 26.5
179 17.6 14.5 21.7

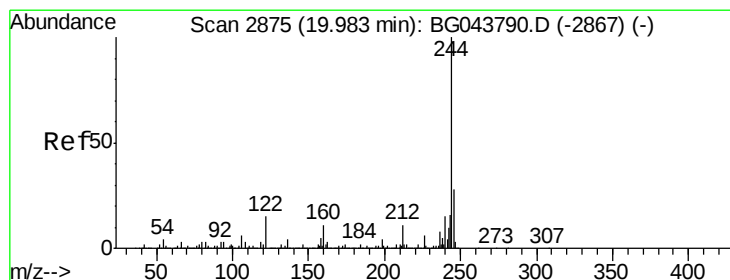
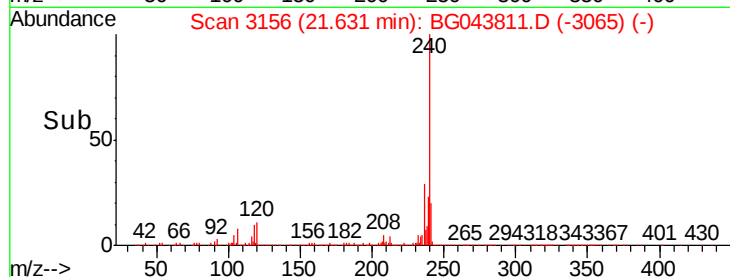
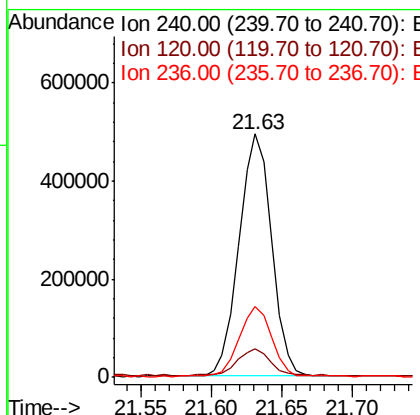
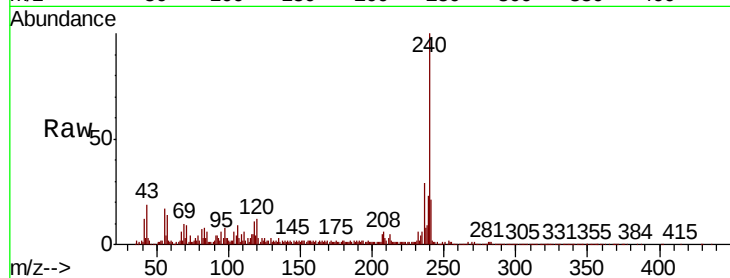




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.63 min Scan# 3156
 Delta R.T. 0.00 min
 Lab File: BG043811.D
 Acq: 12 Dec 2019 1:19

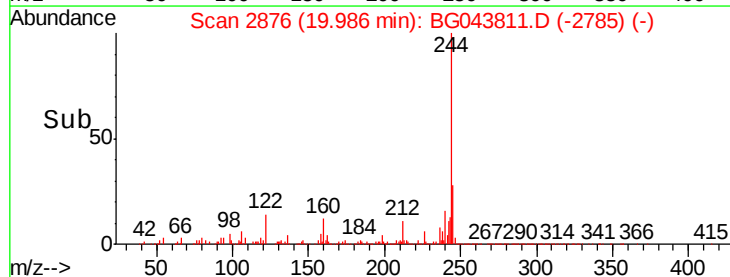
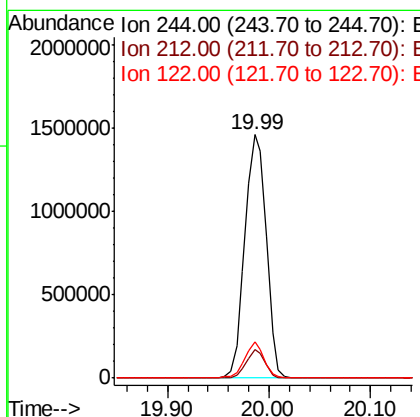
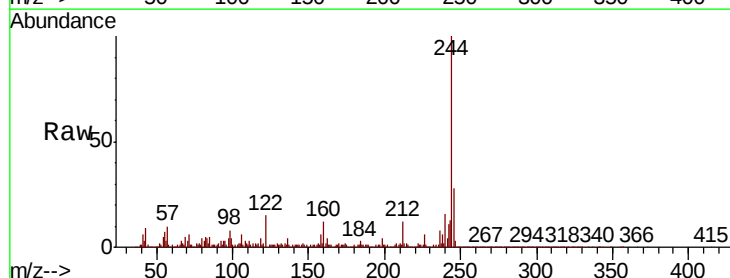
Instrument :
 BNA_G
 ClientSampleId :
 RELAY-FLOOR

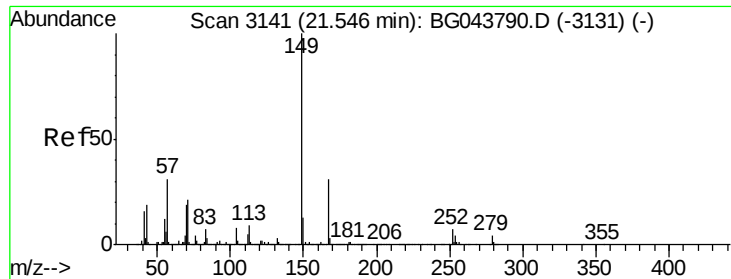
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.6	12.8
236	29.2	23.1	34.7



#79
 Terphenyl-d14
 Concen: 64.212 ng
 RT: 19.99 min Scan# 2876
 Delta R.T. 0.00 min
 Lab File: BG043811.D
 Acq: 12 Dec 2019 1:19

Tgt Ion	Ratio	Lower	Upper
244	100		
212	11.5	9.1	13.7
122	14.8	11.6	17.4





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.447 ng

RT: 21.55 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BG043811.D

Acq: 12 Dec 2019 1:19

Instrument :

BNA_G

ClientSampleId :

RELAY-FLOOR

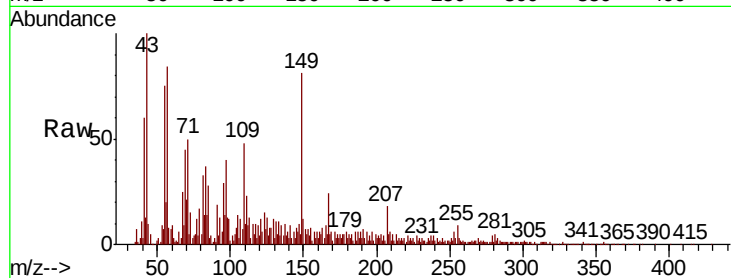
Tot Ion:149 Resp: 138679

Ion Ratio Lower Upper

149 100

167 29.9 25.1 37.7

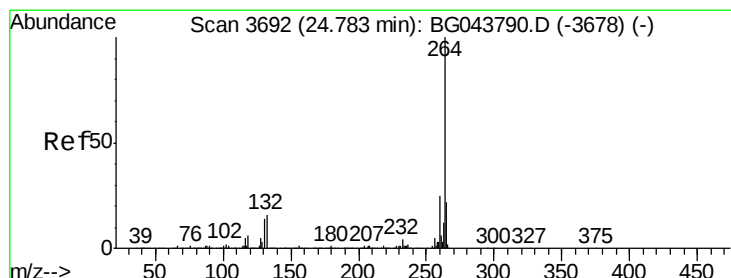
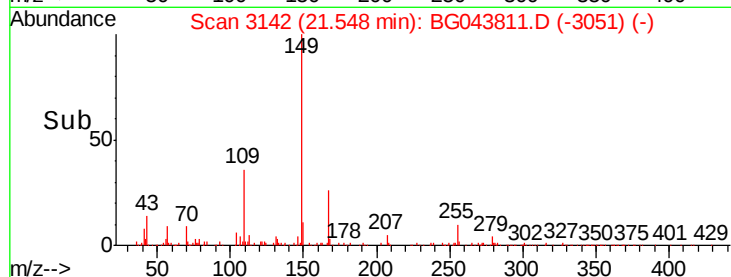
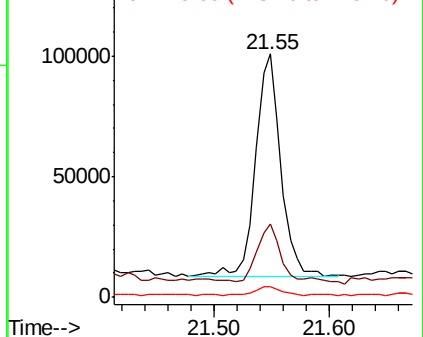
279 4.5 3.5 5.3



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.79 min Scan# 3694

Delta R.T. 0.01 min

Lab File: BG043811.D

Acq: 12 Dec 2019 1:19

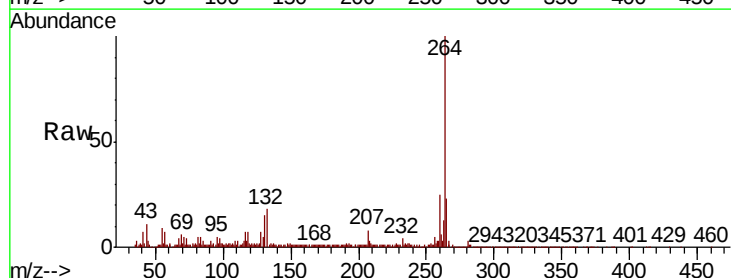
Tgt Ion:264 Resp: 924012

Ion Ratio Lower Upper

264 100

260 24.8 19.8 29.8

265 22.5 17.9 26.9



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

