

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060819\
 Data File : BG041139.D
 Acq On : 8 Jun 2019 18:41
 Operator : HP/JU
 Sample : K3196-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 09 23:02:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	43974	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	190856	20.00	ng	-0.03
39) Acenaphthene-d10	14.73	164	148567	20.00	ng	-0.03
64) Phenanthrene-d10	17.48	188	366742	20.00	ng	-0.03
76) Chrysene-d12	21.75	240	358051	20.00	ng	-0.03
87) Perylene-d12	25.07	264	378217	20.00	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	279030	114.42	ng	-0.02
7) Phenol-d6	7.25	99	418442	111.10	ng	-0.02
23) Nitrobenzene-d5	9.28	82	285153	66.33	ng	-0.03
42) 2,4,6-Tribromophenol	16.22	330	166126	75.32	ng	-0.03
45) 2-Fluorobiphenyl	13.36	172	498402	48.31	ng	-0.03
79) Terphenyl-d14	20.07	244	712951	42.26	ng	-0.03

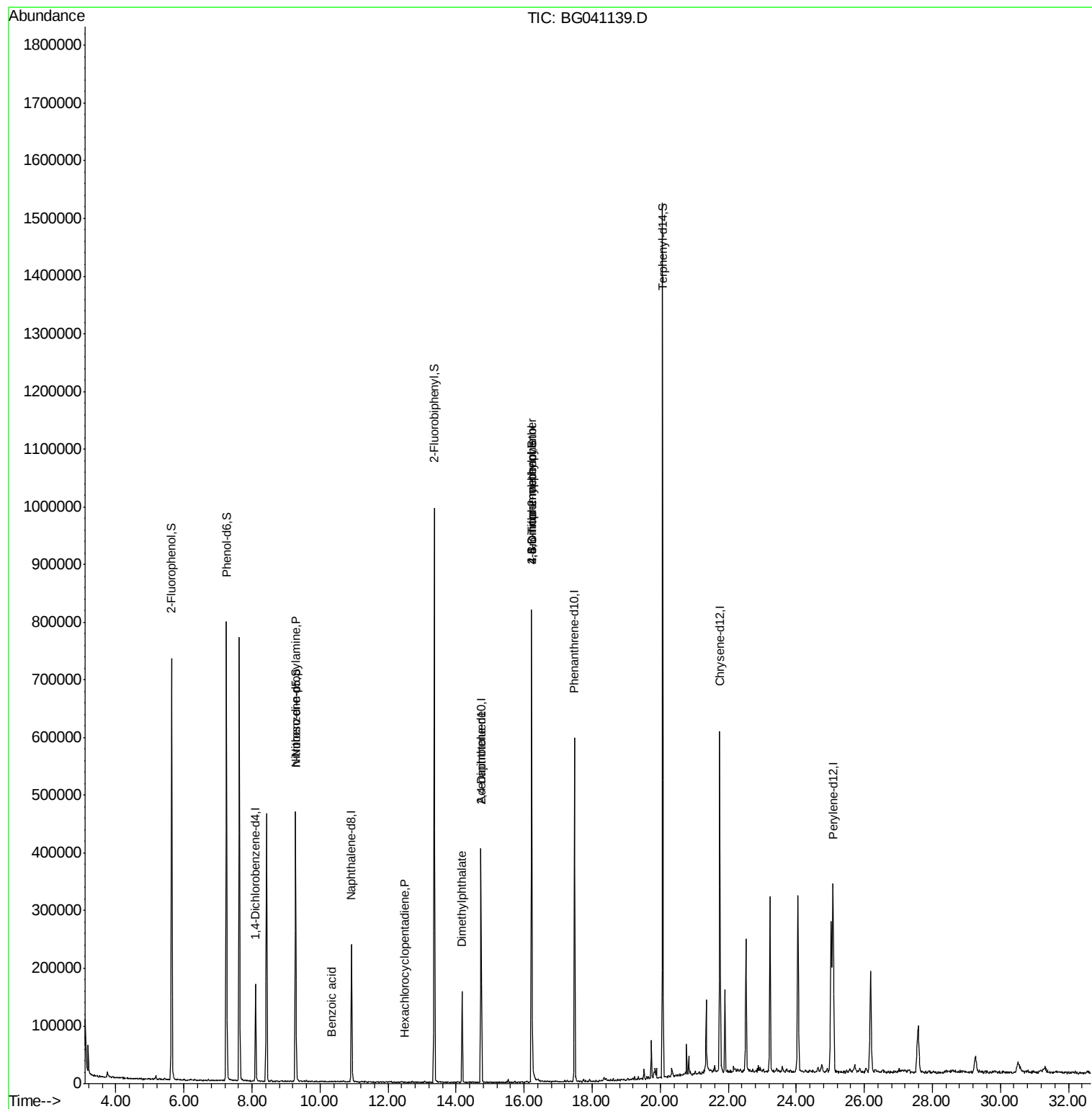
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	9.28	70	41428	14.294	ng	# 77
32) Benzoic acid	10.34	122	53	8.149	ng	# 1
41) Hexachlorocyclopentadiene	12.48	237	59	8.252	ng	# 26
50) Dimethylphthalate	14.17	163	104909	8.342	ng	98
57) 2,4-Dinitrotoluene	14.73	165	19361	5.055	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.22	198	569	8.827	ng	77
67) 4-Bromophenyl-phenylether	16.22	248	12295	2.484	ng	# 1

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

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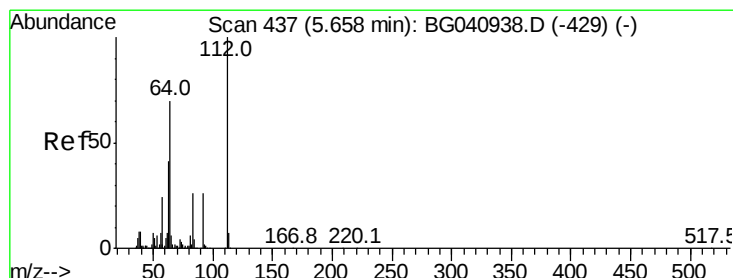
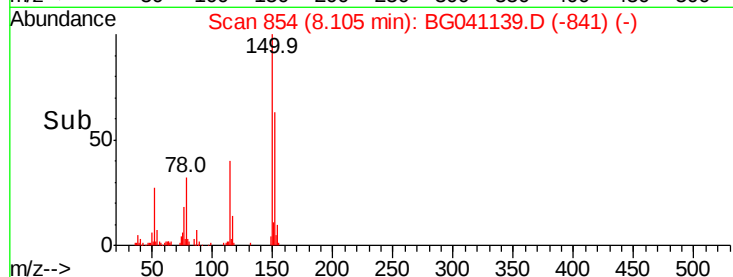
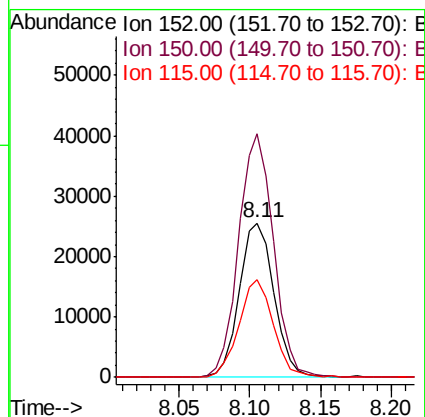
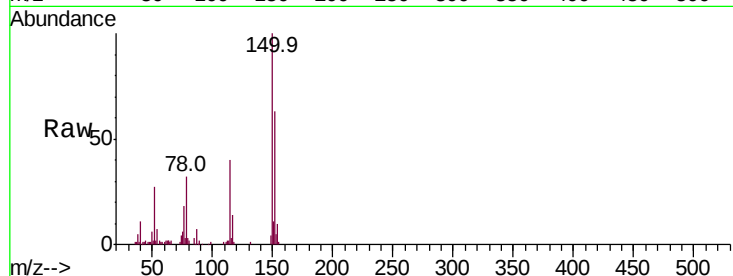


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. -0.03 min
Lab File: BG041139.D
Acq: 8 Jun 2019 18:41

Instrument :
BNA_G
ClientSampleId :

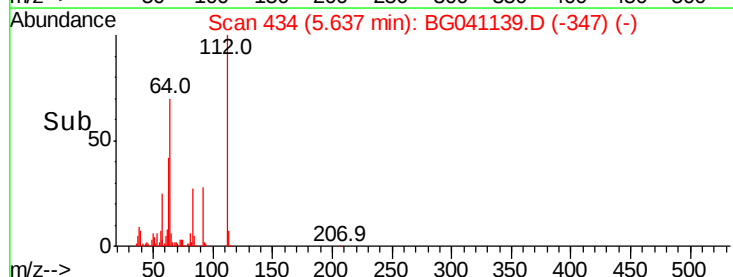
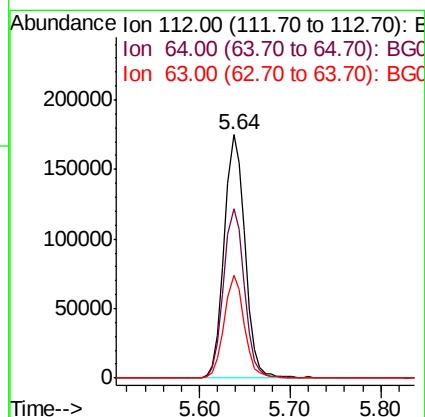
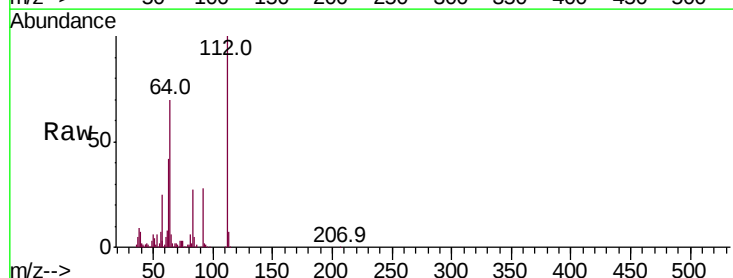
Tot Ion:152 Resp: 43974
Ion Ratio Lower Upper
152 100
150 157.7 120.6 180.8
115 63.6 45.1 67.7

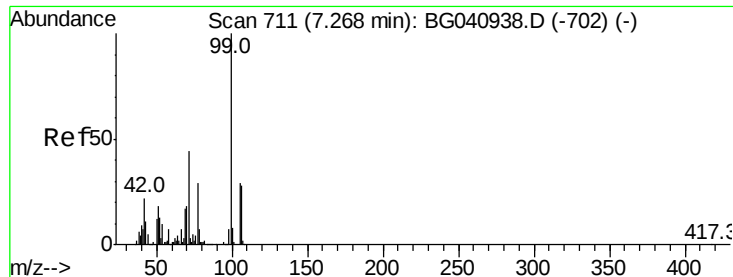


#5

2-Fluorophenol
Concen: 114.420 ng
RT: 5.64 min Scan# 434
Delta R.T. -0.02 min
Lab File: BG041139.D
Acq: 8 Jun 2019 18:41

Tgt Ion:112 Resp: 279030
Ion Ratio Lower Upper
112 100
64 69.8 56.2 84.2
63 42.0 32.8 49.2





#7

Phenol-d6

Concen: 111.103 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.02 min

Lab File: BG041139.D

Acq: 8 Jun 2019 18:41

Instrument :

BNA_G

ClientSampleId :

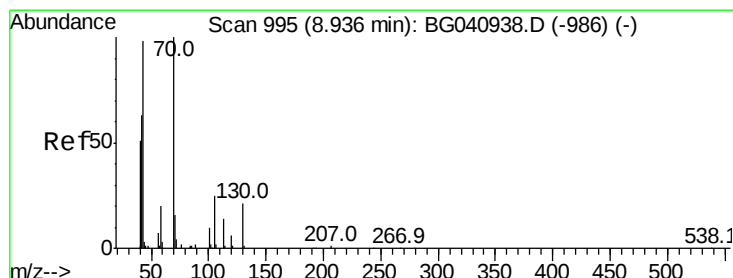
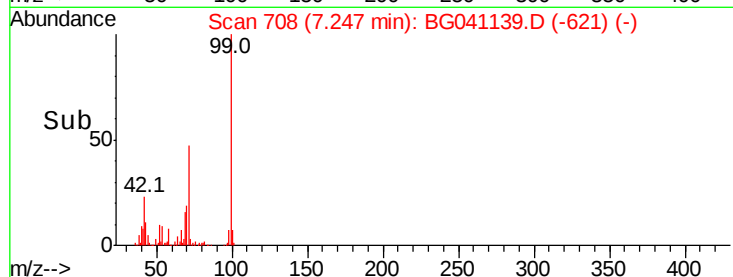
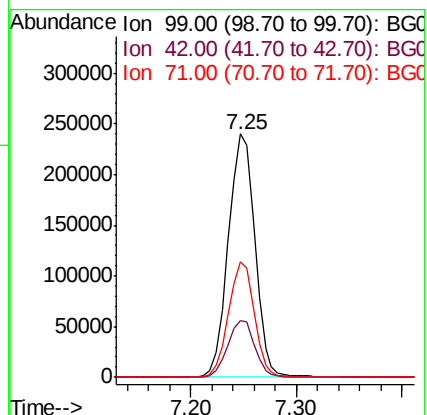
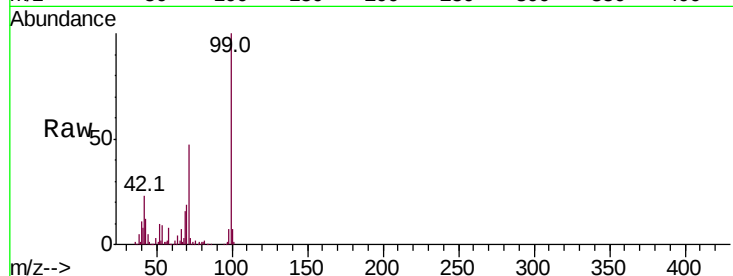
Tot Ion: 99 Resp: 418442

Ion Ratio Lower Upper

99 100

42 23.4 17.9 26.9

71 47.3 35.4 53.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.294 ng

RT: 9.28 min Scan# 1054

Delta R.T. 0.34 min

Lab File: BG041139.D

Acq: 8 Jun 2019 18:41

Tgt Ion: 70 Resp: 41428

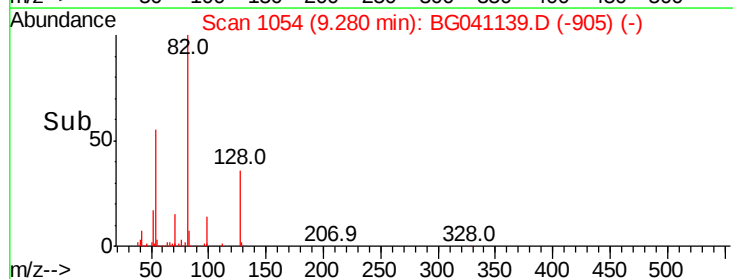
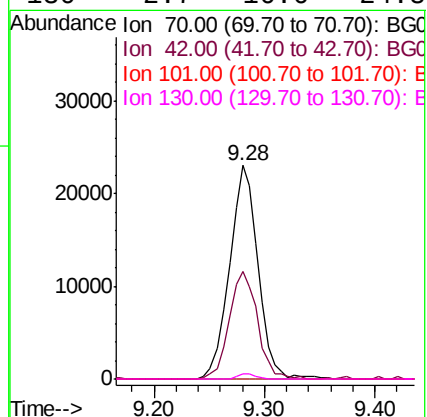
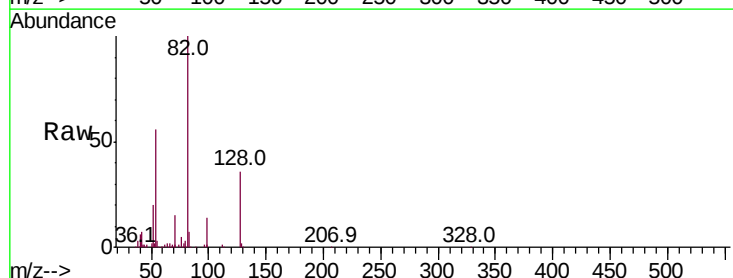
Ion Ratio Lower Upper

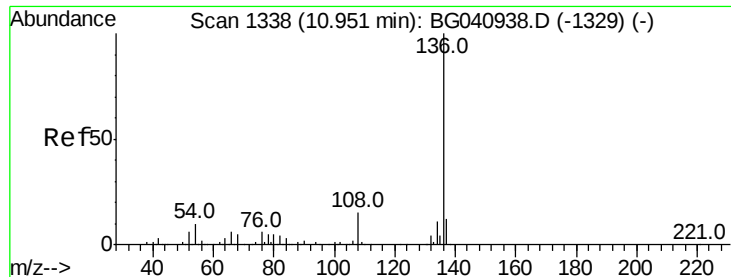
70 100

42 50.3 51.5 77.3#

101 0.0 8.1 12.1#

130 2.7 16.6 24.8#

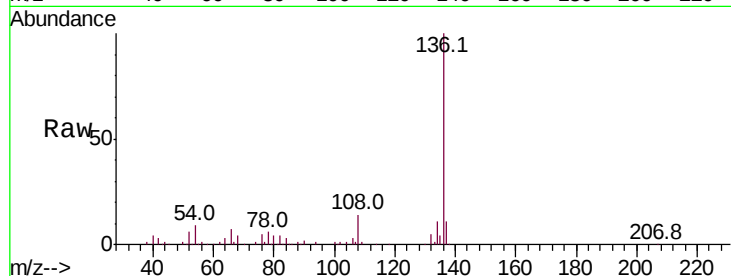




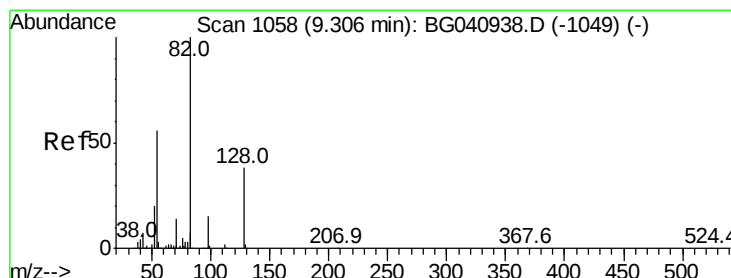
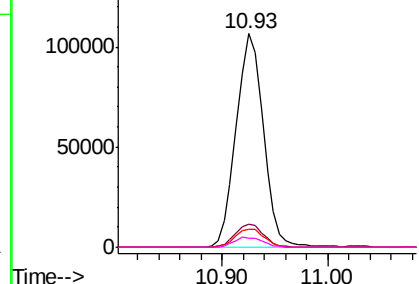
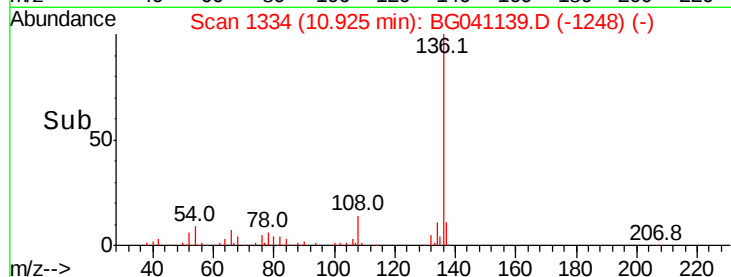
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.03 min
Lab File: BG041139.D
Acq: 8 Jun 2019 18:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	190856
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.5	14.3
54	8.6	7.6	11.4
68	4.2	3.9	5.9

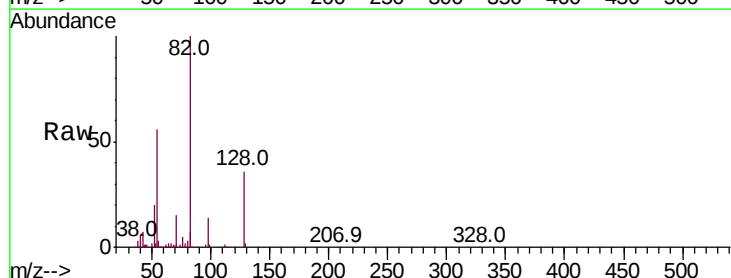


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

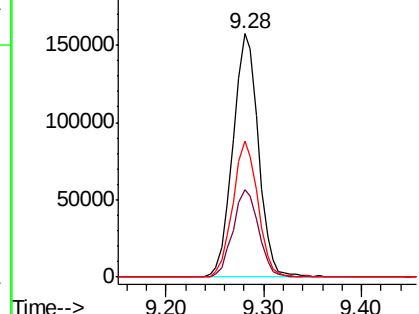
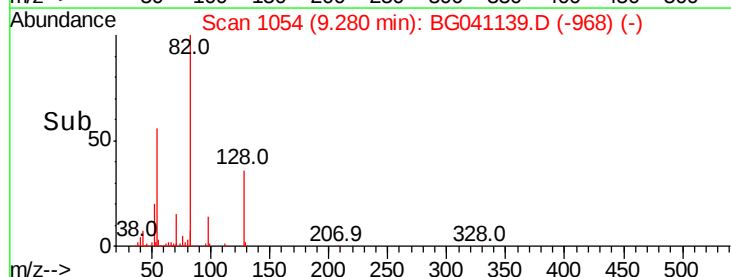


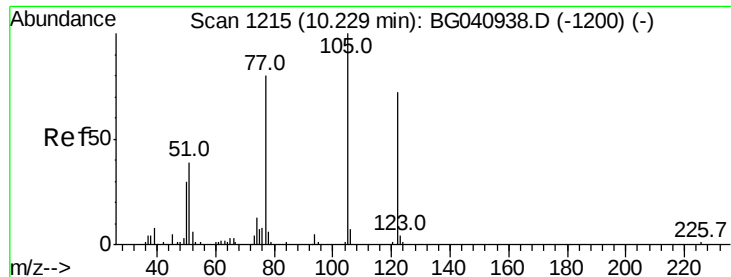
#23
Nitrobenzene-d5
Concen: 66.327 ng
RT: 9.28 min Scan# 1054
Delta R.T. -0.03 min
Lab File: BG041139.D
Acq: 8 Jun 2019 18:41

Tgt Ion:	82	Resp:	285153
Ion	Ratio	Lower	Upper
82	100		
128	36.1	30.5	45.7
54	55.9	44.6	66.8



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





#32

Benzoic acid

Concen: 8.149 ng

RT: 10.34 min Scan# 1235

Delta R.T. 0.12 min

Lab File: BG041139.D

Acq: 8 Jun 2019 18:41

Instrument :

BNA_G

ClientSampleId :

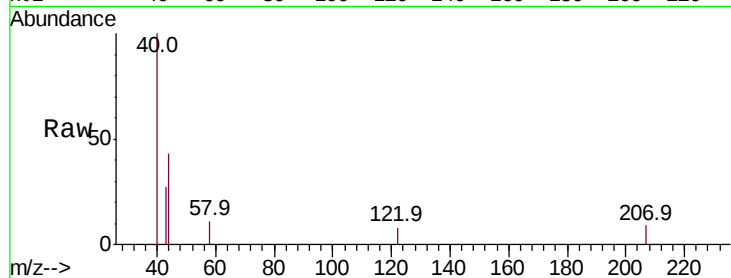
Tot Ion:122 Resp: 53

Ion Ratio Lower Upper

122 100

105 0.0 114.8 154.8#

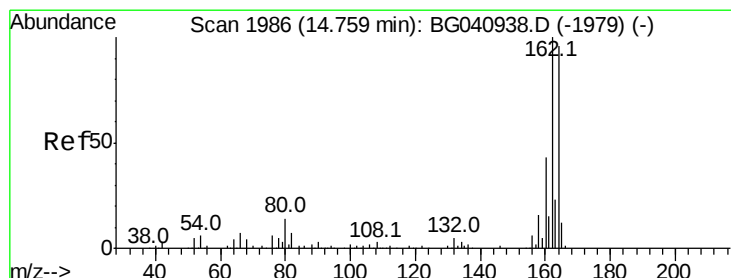
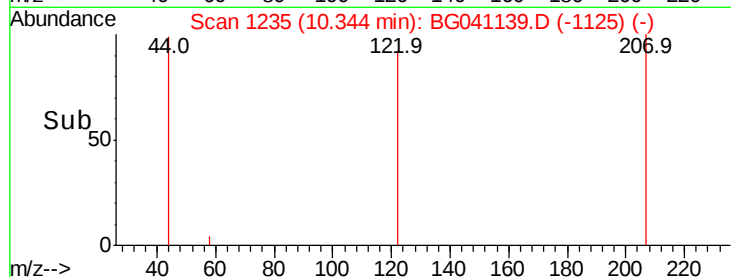
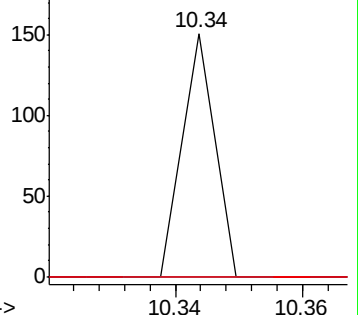
77 0.0 89.9 129.9#



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): B



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1982

Delta R.T. -0.03 min

Lab File: BG041139.D

Acq: 8 Jun 2019 18:41

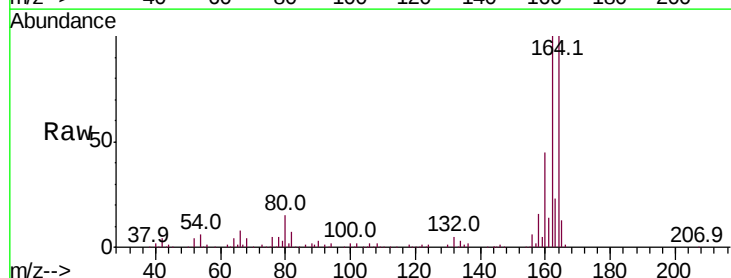
Tgt Ion:164 Resp: 148567

Ion Ratio Lower Upper

164 100

162 99.7 83.0 124.4

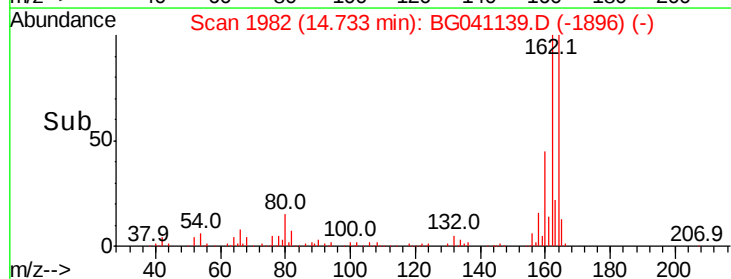
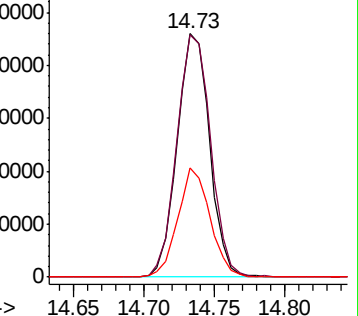
160 44.6 35.6 53.4

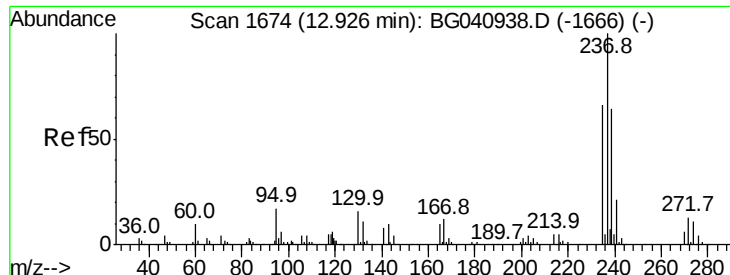


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

Hexachlorocyclopentadiene

Concen: 8.252 ng

RT: 12.48 min Scan# 1598

Delta R.T. -0.45 min

Lab File: BG041139.D

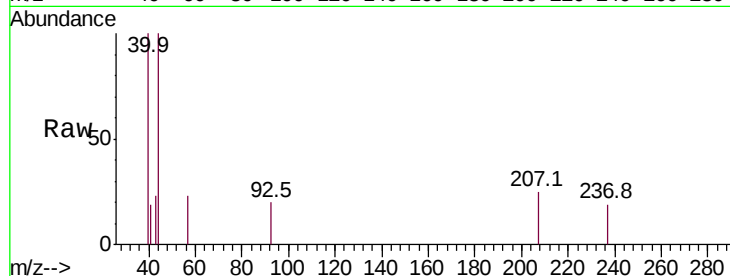
Acq: 8 Jun 2019 18:41

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	237	Resp:	59
Ion	Ratio	Lower	Upper
237	100		
235	0.0	45.5	85.5#
272	0.0	0.0	32.9



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

12.48

12.46

12.48

12.46

12.48

12.46

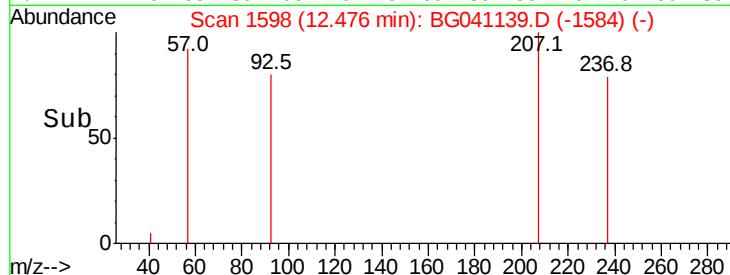
12.48

12.46

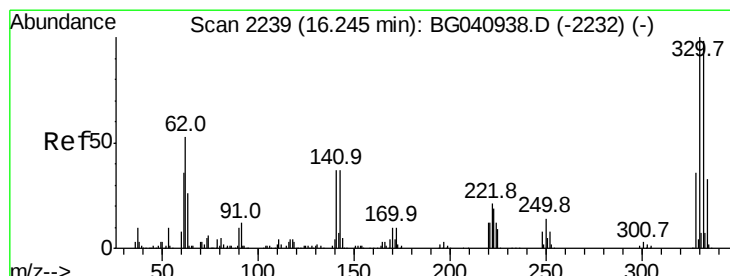
12.48

12.46

12.48



Time-->



#42

2,4,6-Tribromophenol

Concen: 75.321 ng

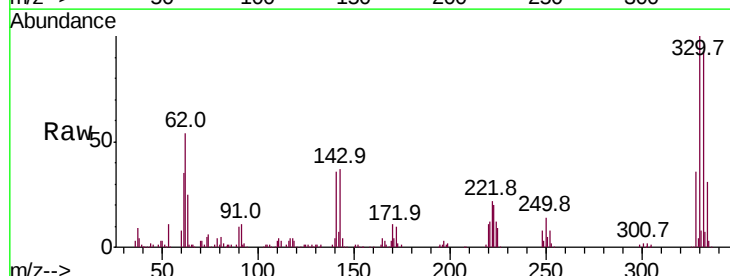
RT: 16.22 min Scan# 2235

Delta R.T. -0.03 min

Lab File: BG041139.D

Acq: 8 Jun 2019 18:41

Tgt Ion:	330	Resp:	166126
Ion	Ratio	Lower	Upper
330	100		
332	92.5	78.5	117.7
141	36.0	28.7	43.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

16.22

16.10

16.20

16.30

16.10

16.20

16.30

16.10

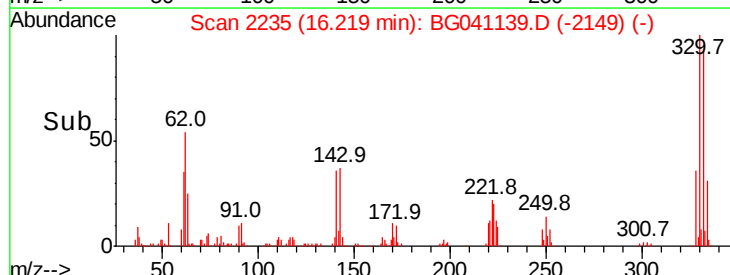
16.20

16.30

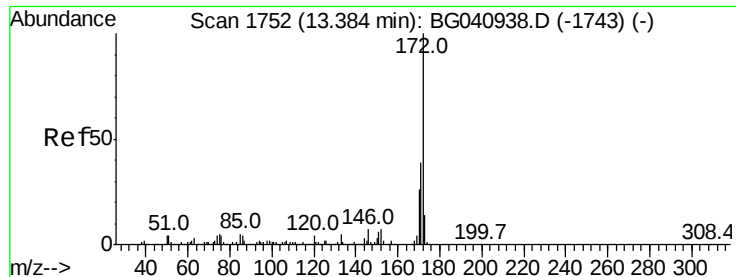
16.10

16.20

16.30



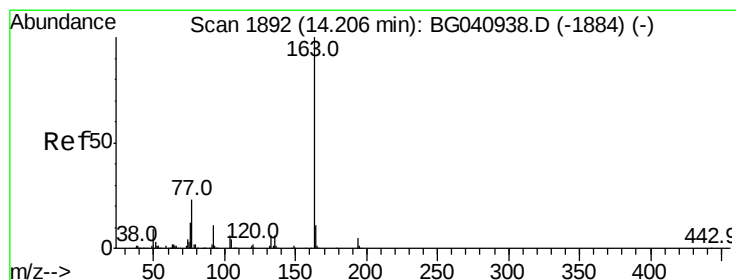
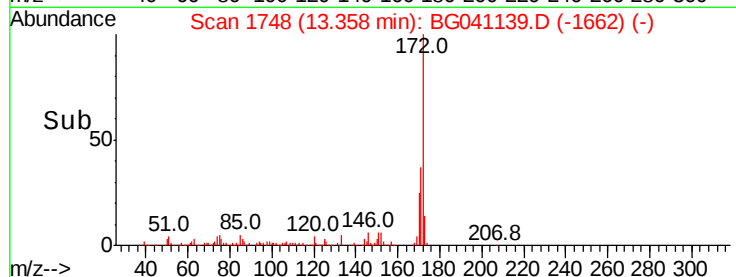
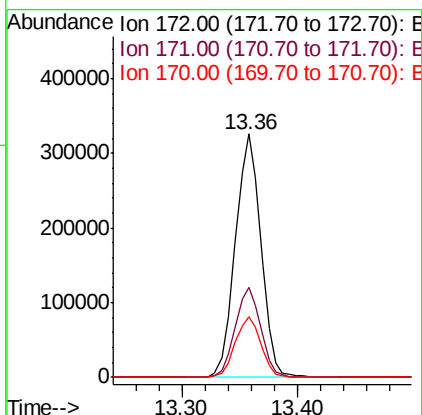
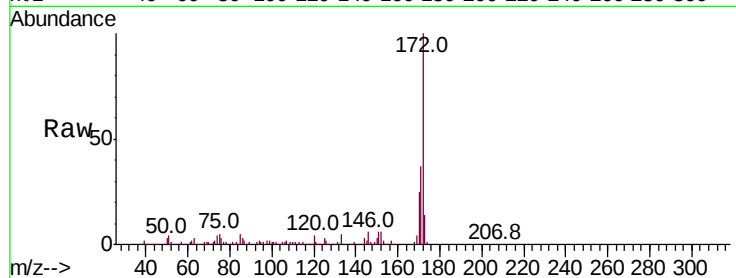
Time-->



#45
2-Fluorobiphenyl
Concen: 48.312 ng
RT: 13.36 min Scan# 1748
Delta R.T. -0.03 min
Lab File: BG041139.D
Acq: 8 Jun 2019 18:41

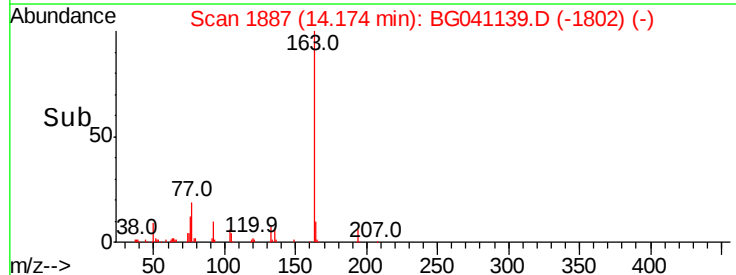
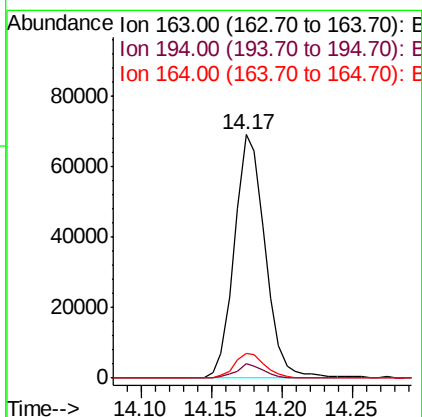
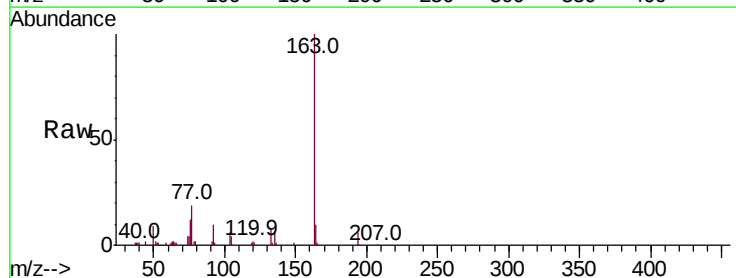
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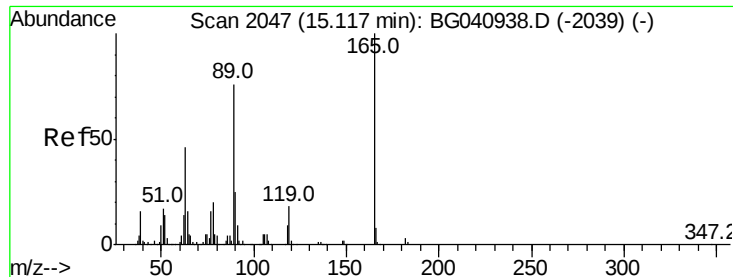
Tot Ion:172 Resp: 498402
Ion Ratio Lower Upper
172 100
171 36.8 31.1 46.7
170 25.1 20.5 30.7



#50
Dimethylphthalate
Concen: 8.342 ng
RT: 14.17 min Scan# 1887
Delta R.T. -0.03 min
Lab File: BG041139.D
Acq: 8 Jun 2019 18:41

Tgt Ion:163 Resp: 104909
Ion Ratio Lower Upper
163 100
194 5.7 3.8 5.8
164 10.4 8.7 13.1

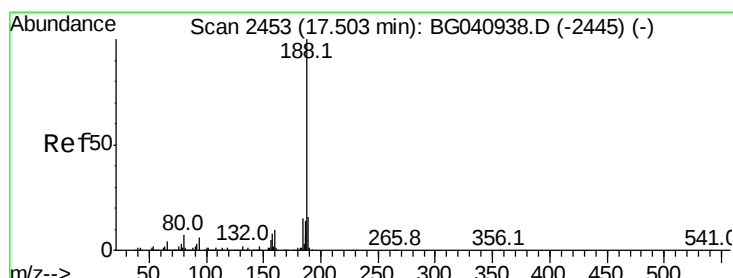
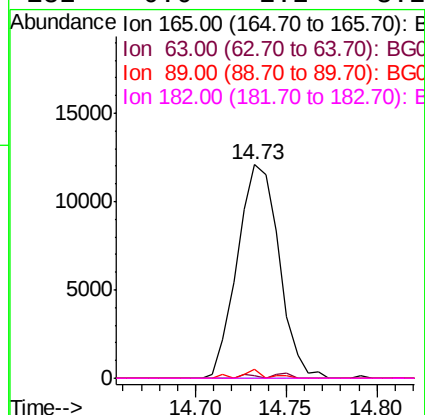
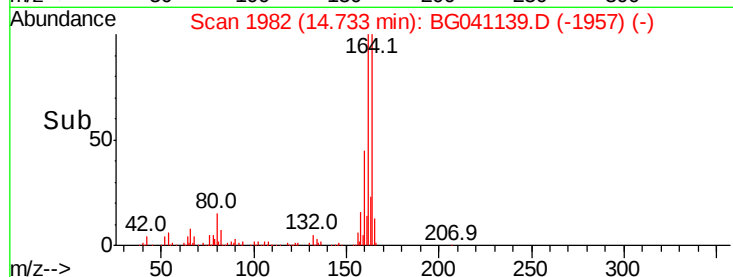
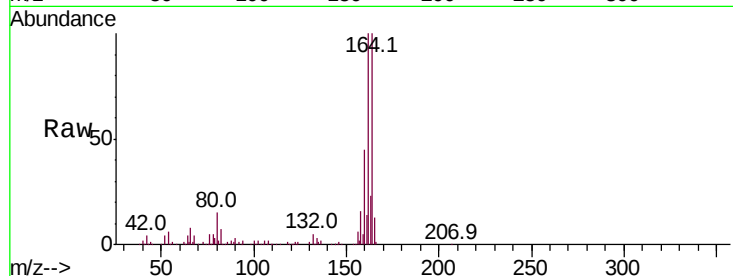




#57
2,4-Dinitrotoluene
Concen: 5.055 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.38 min
Lab File: BG041139.D
Acq: 8 Jun 2019 18:41

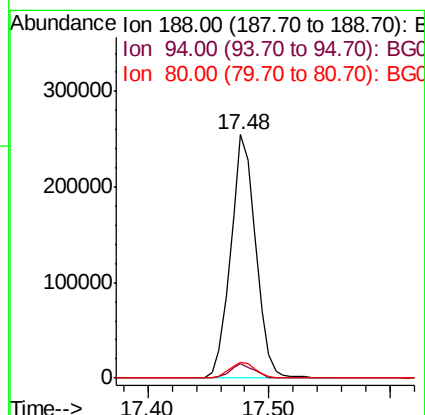
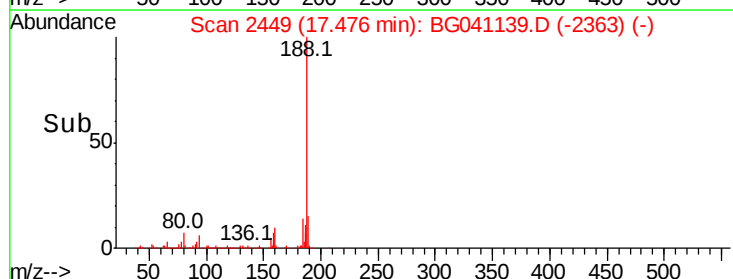
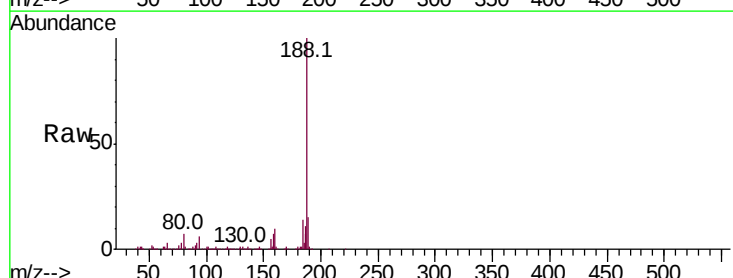
Instrument :
BNA_G
ClientSampleId :

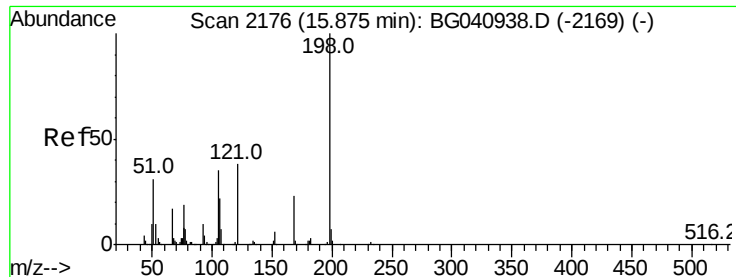
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	37.3	55.9#
89	4.3	61.0	91.6#
182	0.0	2.2	3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.03 min
Lab File: BG041139.D
Acq: 8 Jun 2019 18:41

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.8	4.7	7.1
80	6.7	5.8	8.8

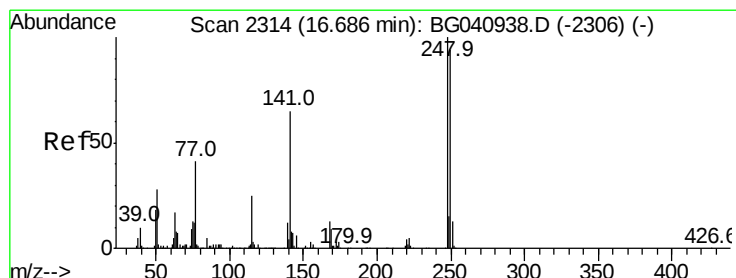
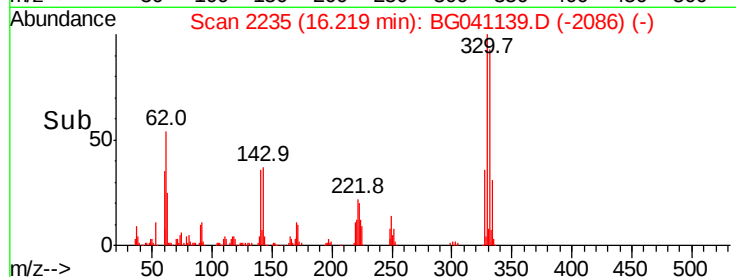
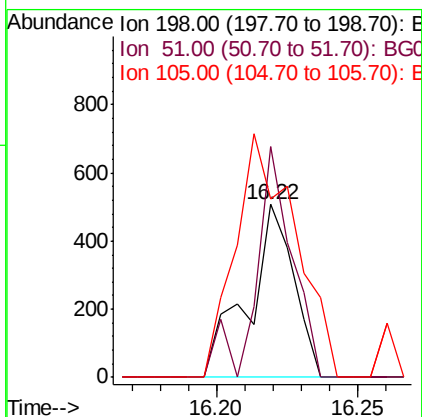
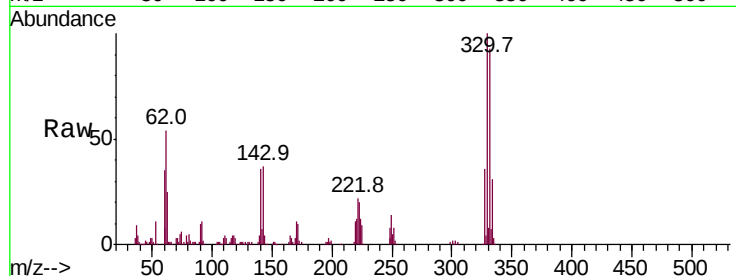




#65
4,6-Dinitro-2-methylphenol
Concen: 8.827 ng
RT: 16.22 min Scan# 2235
Delta R.T. 0.34 min
Lab File: BG041139.D
Acq: 8 Jun 2019 18:41

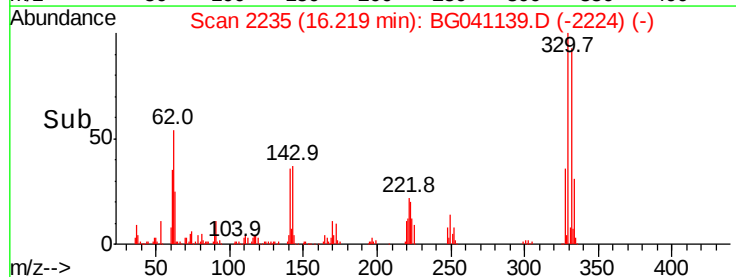
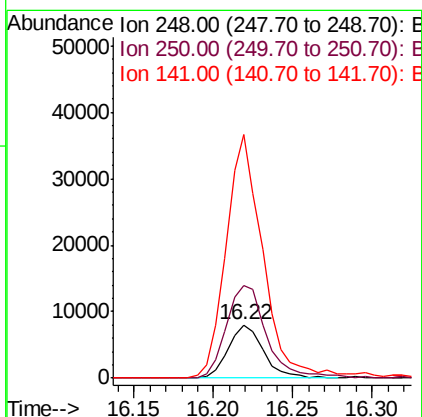
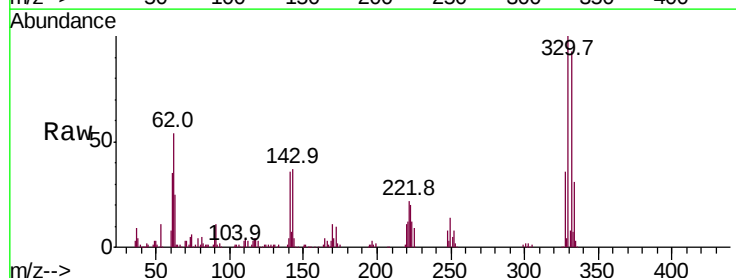
Instrument :
BNA_G
ClientSampled :

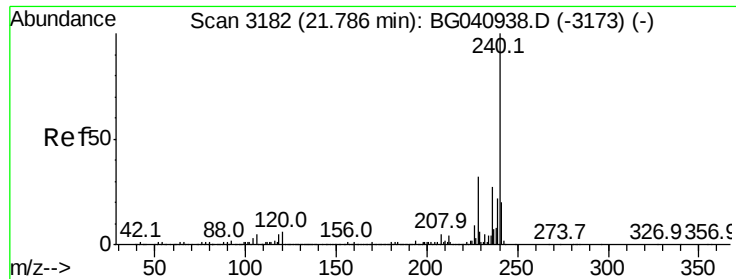
Tot Ion:198 Resp: 569
Ion Ratio Lower Upper
198 100
51 28.4 21.6 61.6
105 22.0 17.5 57.5



#67
4-Bromophenyl-phenylether
Concen: 2.484 ng
RT: 16.22 min Scan# 2235
Delta R.T. -0.47 min
Lab File: BG041139.D
Acq: 8 Jun 2019 18:41

Tgt Ion:248 Resp: 12295
Ion Ratio Lower Upper
248 100
250 174.9 75.0 112.4#
141 458.2 52.4 78.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3177

Delta R.T. -0.03 min

Lab File: BG041139.D

Acq: 8 Jun 2019 18:41

Instrument :

BNA_G

ClientSampled :

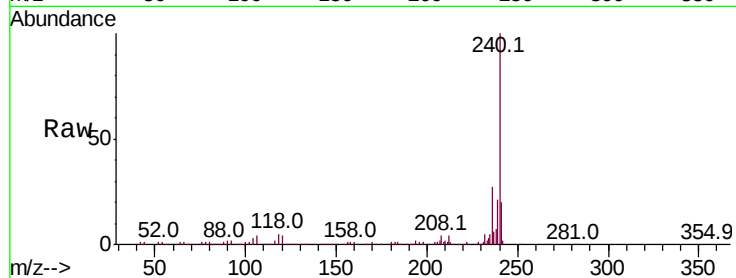
Tot Ion:240 Resp: 358051

Ion Ratio Lower Upper

240 100

120 4.5 4.5 6.7#

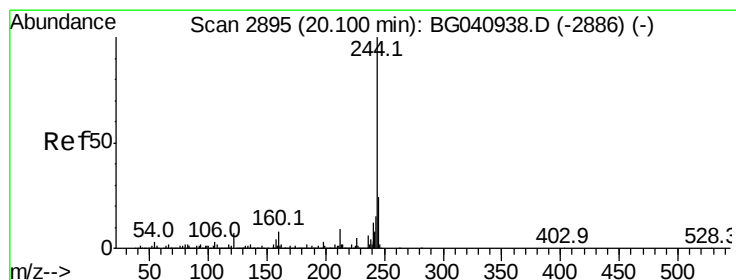
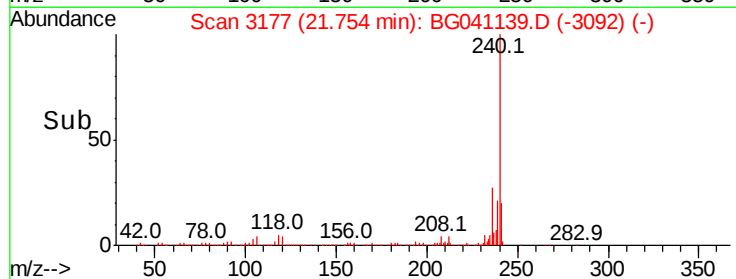
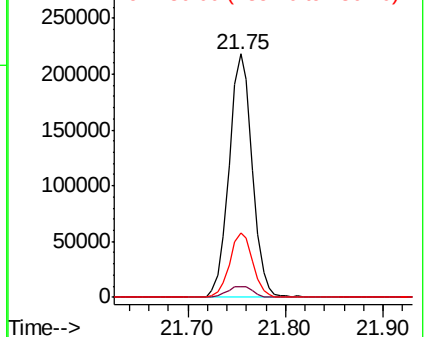
236 26.6 21.3 31.9



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



#79

Terphenyl-d14

Concen: 42.260 ng

RT: 20.07 min Scan# 2891

Delta R.T. -0.03 min

Lab File: BG041139.D

Acq: 8 Jun 2019 18:41

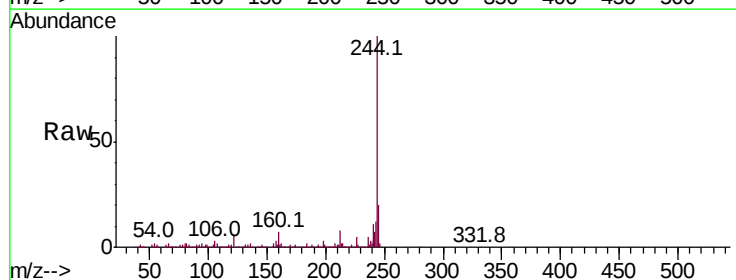
Tgt Ion:244 Resp: 712951

Ion Ratio Lower Upper

244 100

212 8.0 7.0 10.4

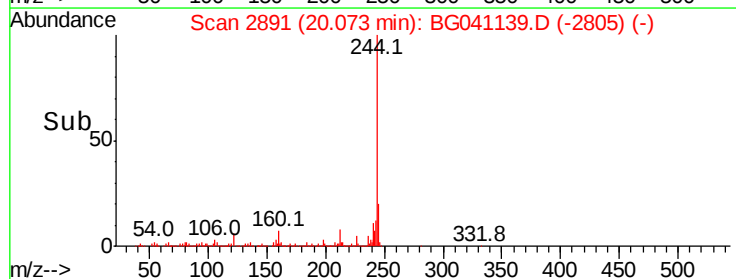
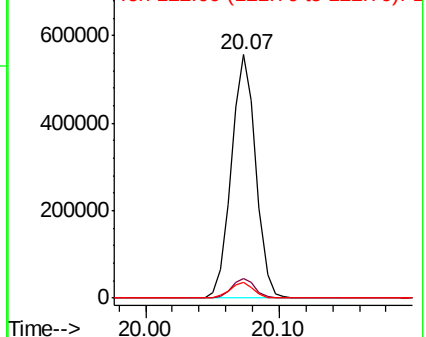
122 6.5 5.4 8.0

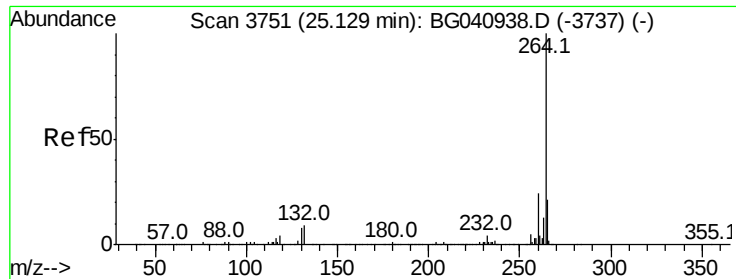


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.07 min Scan# 3742
 Delta R.T. -0.06 min
 Lab File: BG041139.D
 Acq: 8 Jun 2019 18:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.6	19.0	28.4
265	20.6	17.0	25.4

