

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060819\
 Data File : BG041133.D
 Acq On : 8 Jun 2019 14:52
 Operator : HP/JU
 Sample : K3153-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 09 23:01:06 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

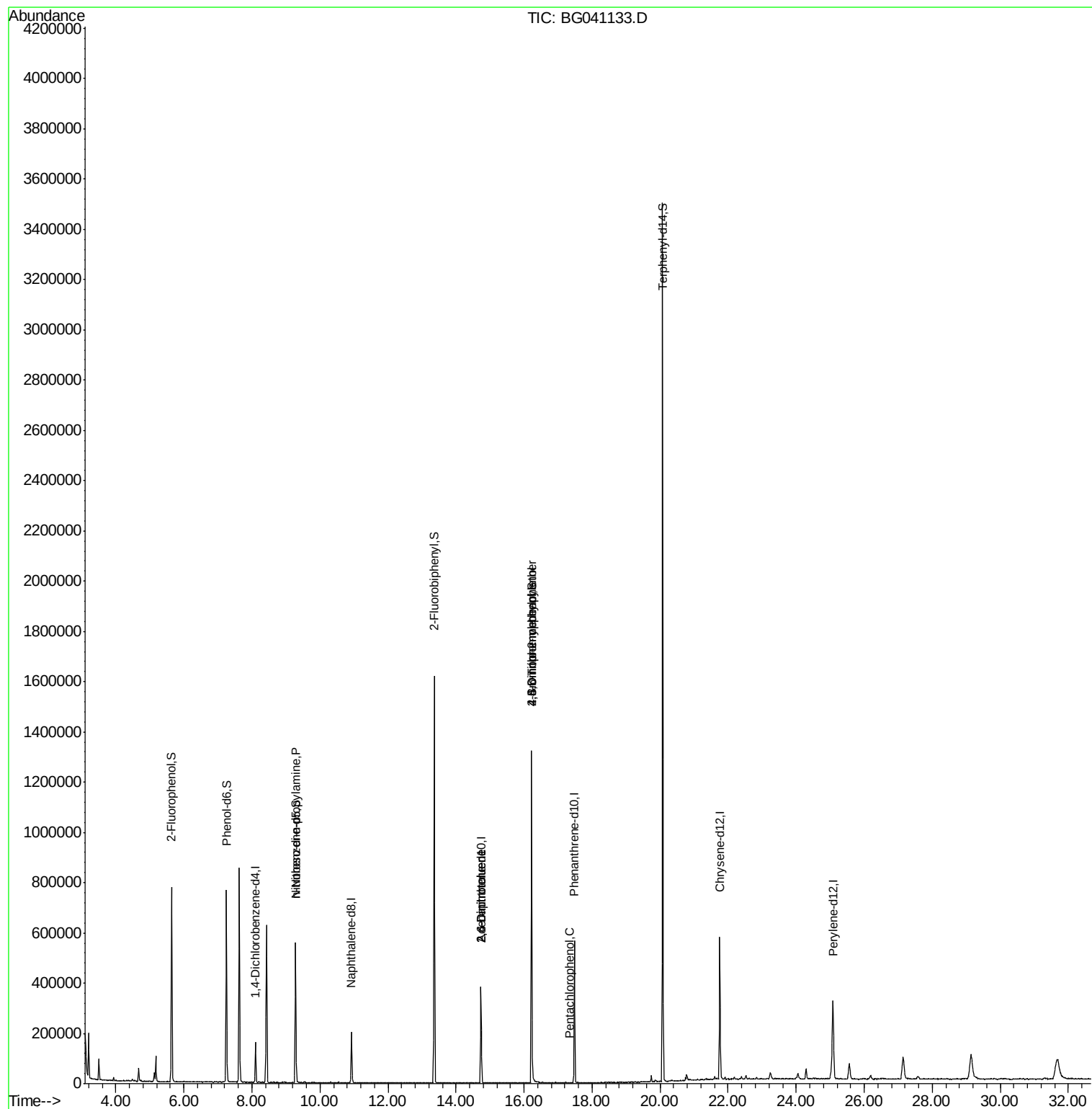
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	41079	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	165087	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	129093	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	344887	20.00	ng	-0.02
76) Chrysene-d12	21.76	240	353302	20.00	ng	-0.03
87) Perylene-d12	25.08	264	373217	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	295115	129.54	ng	-0.02
7) Phenol-d6	7.25	99	387319	110.09	ng	-0.02
23) Nitrobenzene-d5	9.28	82	342937	92.22	ng	-0.02
42) 2,4,6-Tribromophenol	16.22	330	259441	135.37	ng	-0.02
45) 2-Fluorobiphenyl	13.36	172	828782	92.46	ng	-0.02
79) Terphenyl-d14	20.08	244	1594480	95.78	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	47335	17.483	ng	# 78
51) 2,6-Dinitrotoluene	14.73	165	16337	6.934	ng	# 20
57) 2,4-Dinitrotoluene	14.73	165	16337	4.909	ng	# 23
65) 4,6-Dinitro-2-methylphenol	16.21	198	793	8.942	ng	# 34
67) 4-Bromophenyl-phenylether	16.22	248	18778	4.034	ng	# 1
70) Pentachlorophenol	17.35	266	76	4.283	ng	# 18

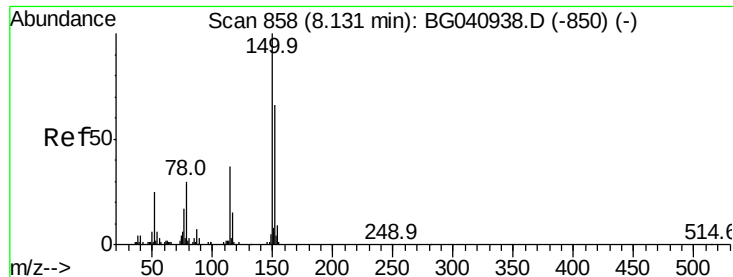
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060819\
Data File : BG041133.D
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Sample : K3153-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jun 09 23:01:06 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.11 min Scan# 854

Delta R.T. -0.02 min

Lab File: BG041133.D

Acq: 8 Jun 2019 14:52

Instrument :

BNA_G

ClientSampleId :

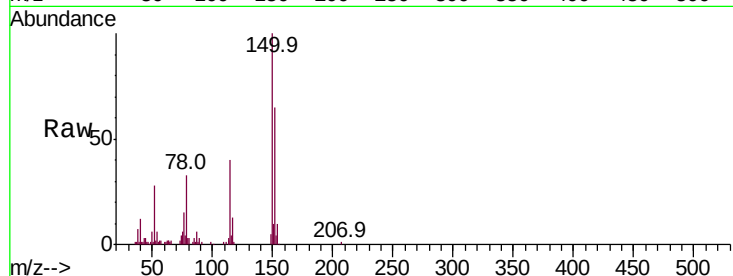
Tot Ion:152 Resp: 41079

Ion Ratio Lower Upper

152 100

150 153.5 120.6 180.8

115 60.8 45.1 67.7



Abundance

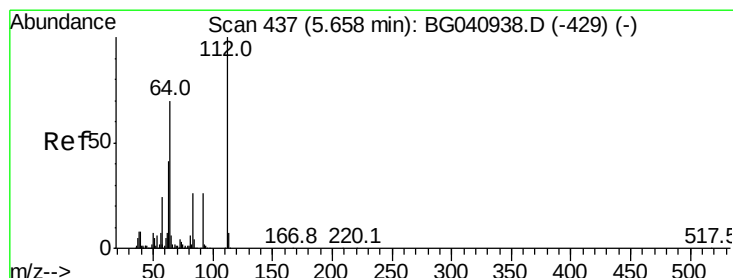
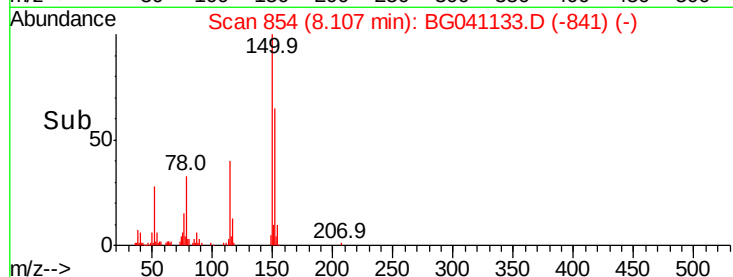
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

8.11

Time-->



#5

2-Fluorophenol

Concen: 129.544 ng

RT: 5.64 min Scan# 434

Delta R.T. -0.02 min

Lab File: BG041133.D

Acq: 8 Jun 2019 14:52

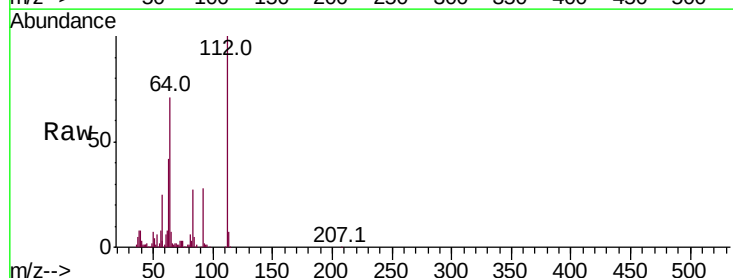
Tgt Ion:112 Resp: 295115

Ion Ratio Lower Upper

112 100

64 71.1 56.2 84.2

63 41.6 32.8 49.2



Abundance

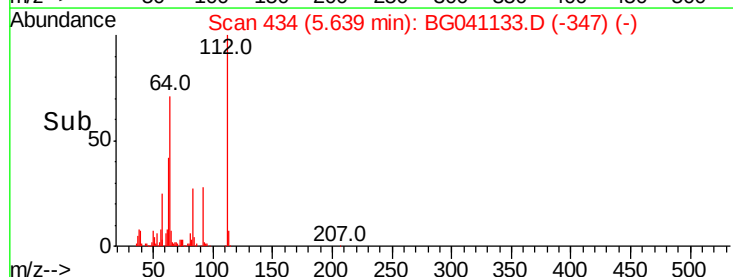
Ion 112.00 (111.70 to 112.70): E

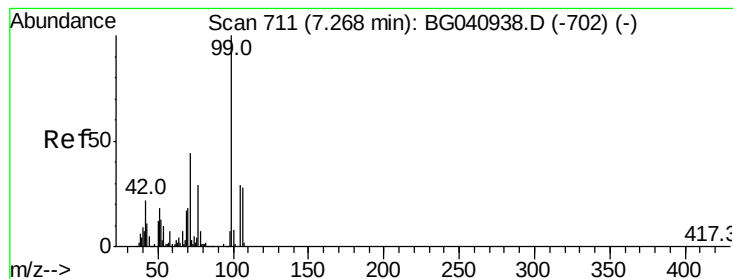
Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0

5.64

Time-->





#7

Phenol-d6

Concen: 110.087 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.02 min

Lab File: BG041133.D

Acq: 8 Jun 2019 14:52

Instrument :

BNA_G

ClientSampleId :

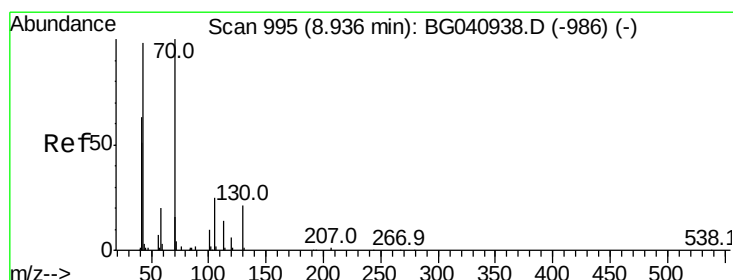
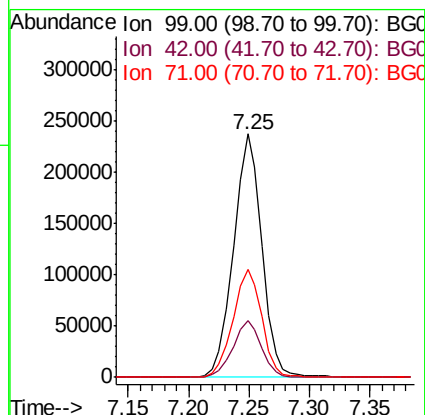
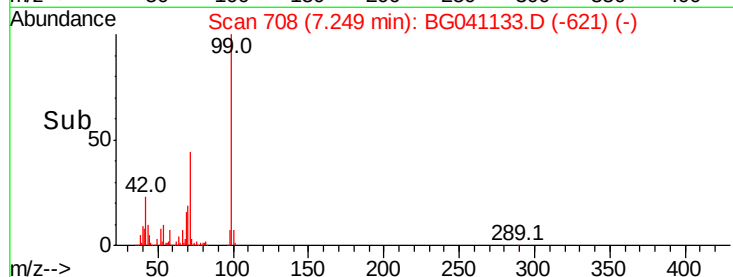
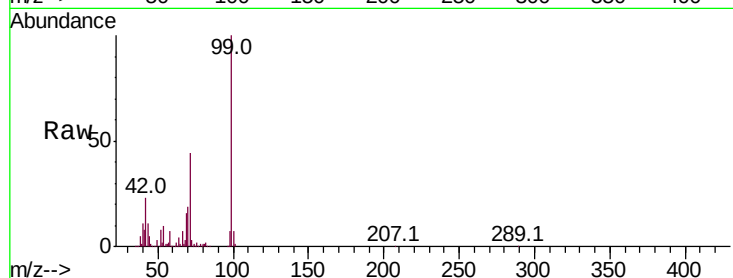
Tot Ion: 99 Resp: 387319

Ion Ratio Lower Upper

99 100

42 23.5 17.9 26.9

71 44.1 35.4 53.0



#19

n-Nitroso-di-n-propylamine

Concen: 17.483 ng

RT: 9.28 min Scan# 1054

Delta R.T. 0.35 min

Lab File: BG041133.D

Acq: 8 Jun 2019 14:52

Tgt Ion: 70 Resp: 47335

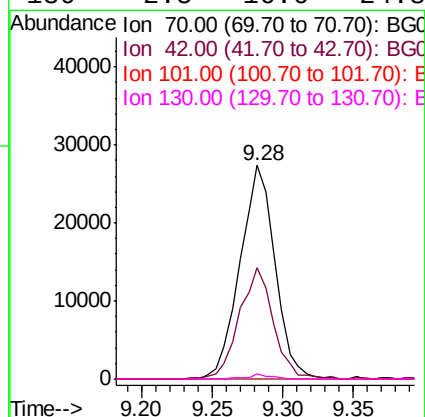
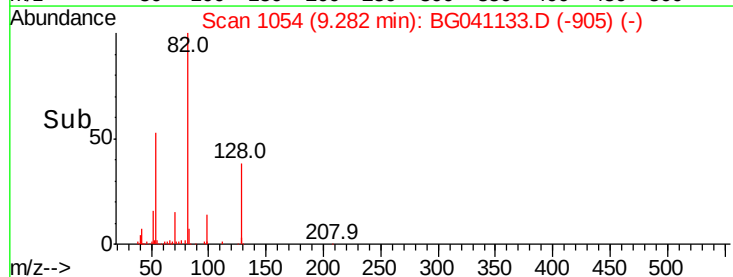
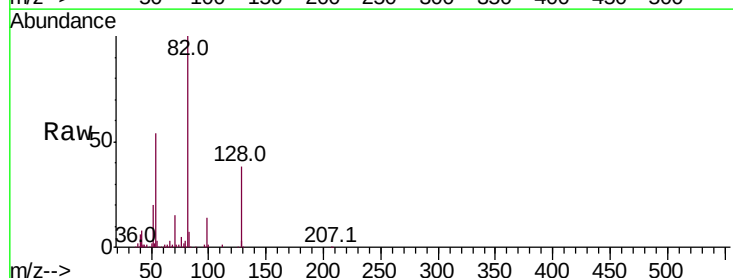
Ion Ratio Lower Upper

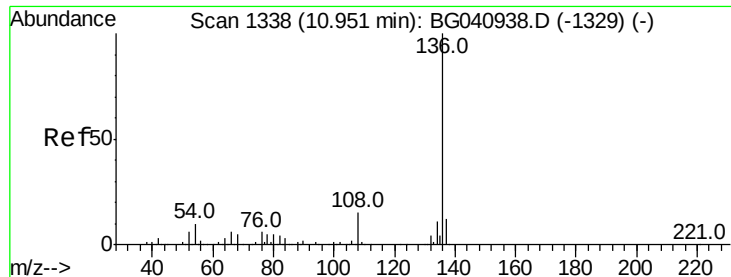
70 100

42 52.1 51.5 77.3

101 0.0 8.1 12.1#

130 2.5 16.6 24.8#

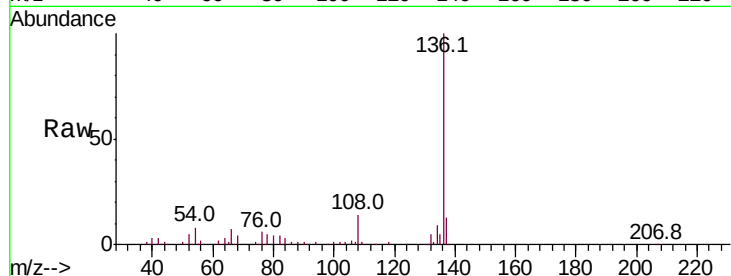




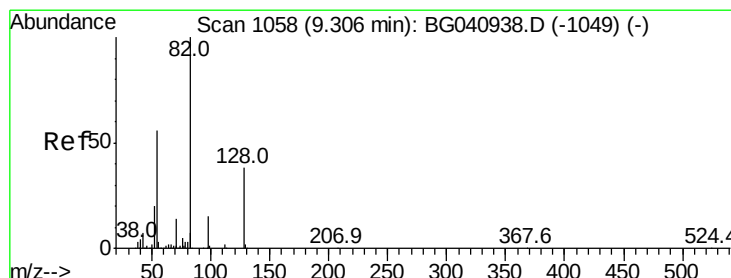
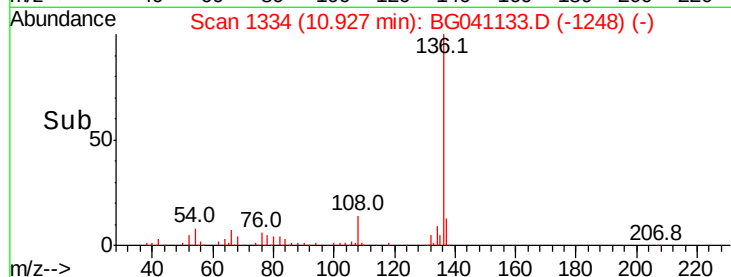
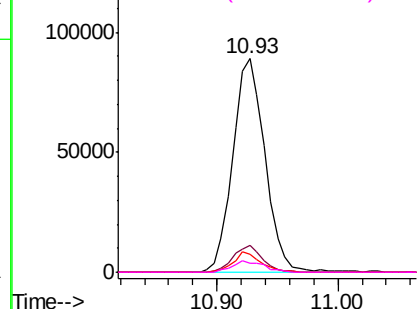
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.02 min
Lab File: BG041133.D
Acq: 8 Jun 2019 14:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp: 165087
Ion Ratio	Lower Upper
136 100	
137 12.6	9.5 14.3
54 8.2	7.6 11.4
68 4.4	3.9 5.9

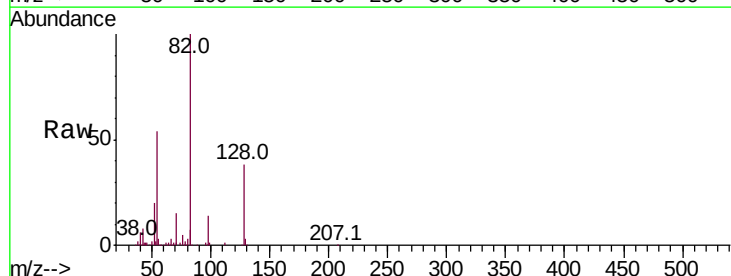


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

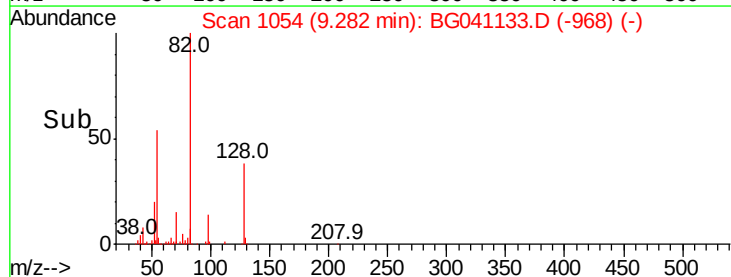
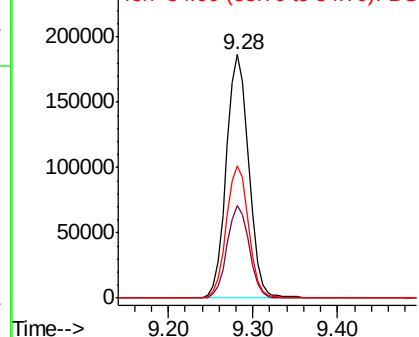


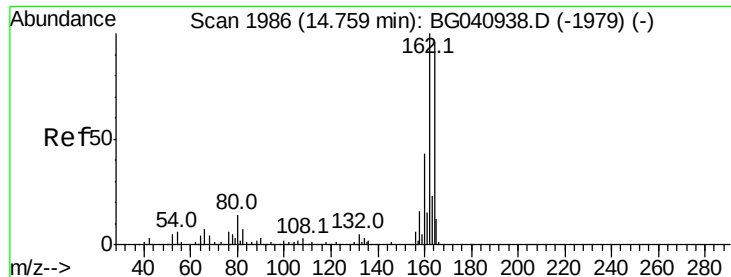
#23
Nitrobenzene-d5
Concen: 92.219 ng
RT: 9.28 min Scan# 1054
Delta R.T. -0.02 min
Lab File: BG041133.D
Acq: 8 Jun 2019 14:52

Tgt Ion: 82	Resp: 342937
Ion Ratio	Lower Upper
82 100	
128 38.0	30.5 45.7
54 54.1	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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1982

Delta R.T. -0.02 min

Lab File: BG041133.D

Acq: 8 Jun 2019 14:52

Instrument :

BNA_G

ClientSampled :

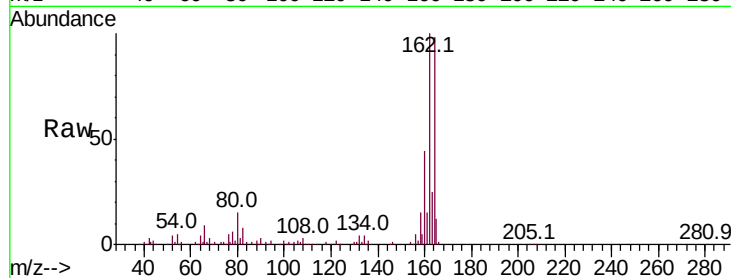
Tot Ion:164 Resp: 129093

Ion Ratio Lower Upper

164 100

162 101.8 83.0 124.4

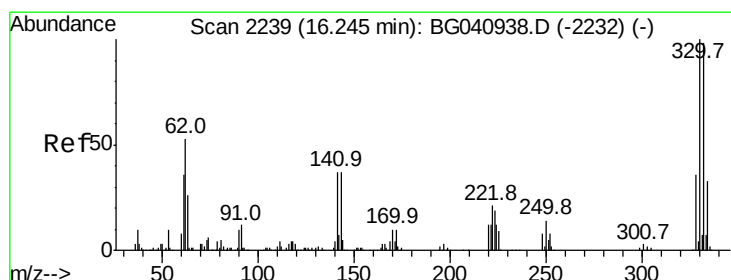
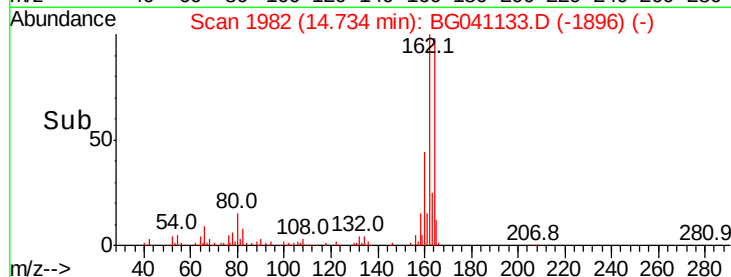
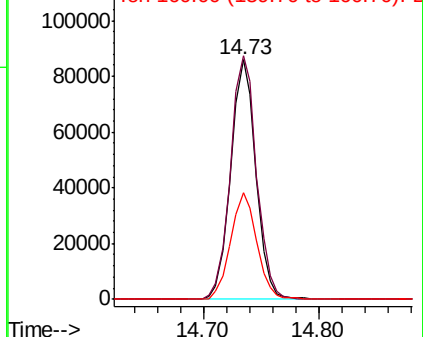
160 44.7 35.6 53.4



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



#42

2,4,6-Tribromophenol

Concen: 135.374 ng

RT: 16.22 min Scan# 2235

Delta R.T. -0.02 min

Lab File: BG041133.D

Acq: 8 Jun 2019 14:52

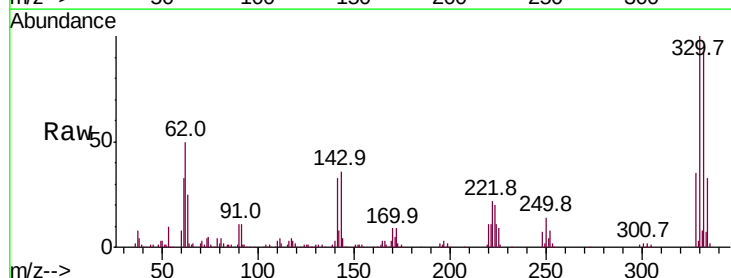
Tgt Ion:330 Resp: 259441

Ion Ratio Lower Upper

330 100

332 93.4 78.5 117.7

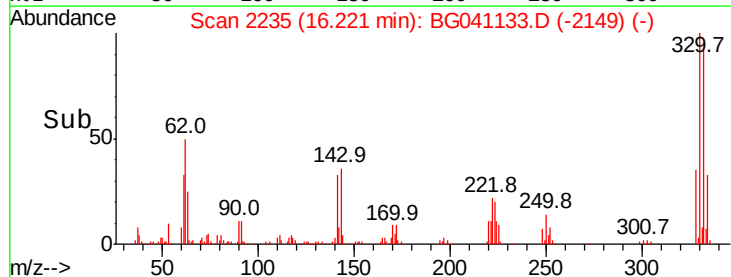
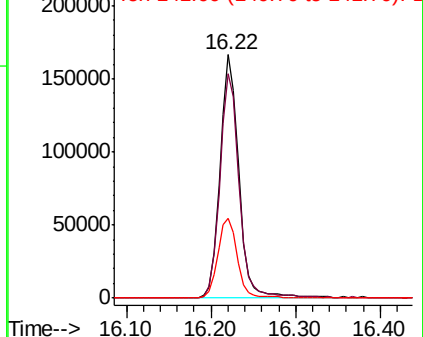
141 34.3 28.7 43.1

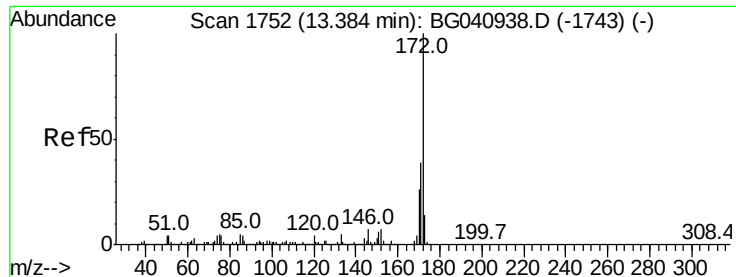


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

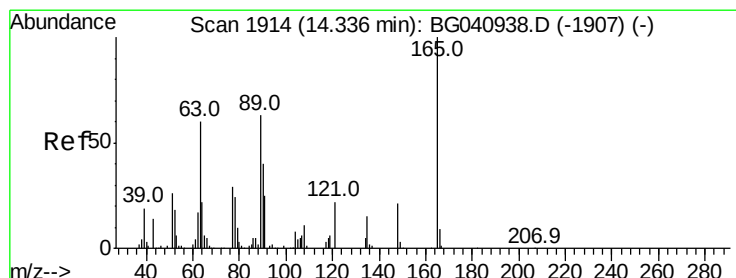
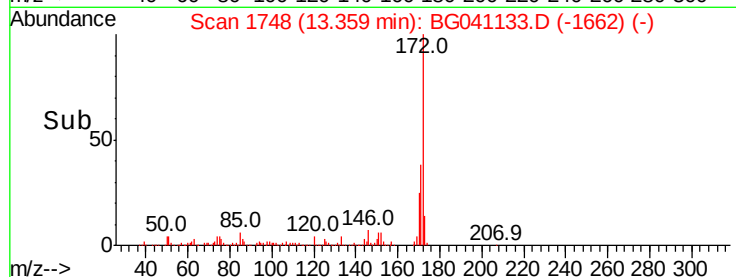
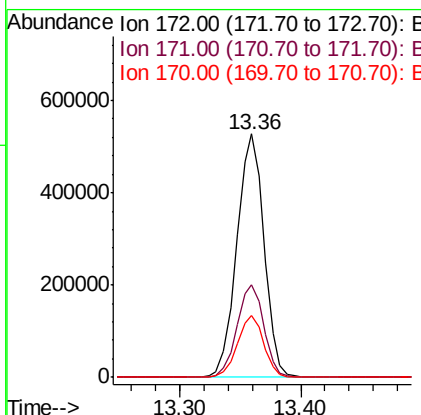
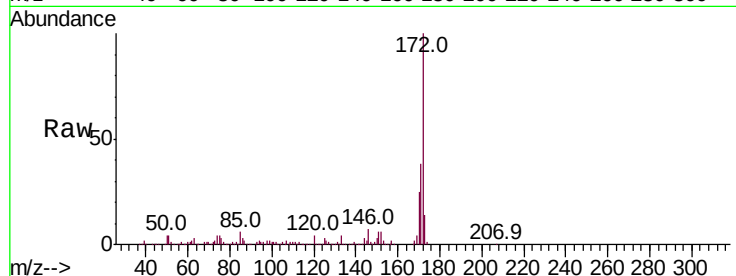




#45
2-Fluorobiphenyl
Concen: 92.455 ng
RT: 13.36 min Scan# 1748
Delta R.T. -0.02 min
Lab File: BG041133.D
Acq: 8 Jun 2019 14:52

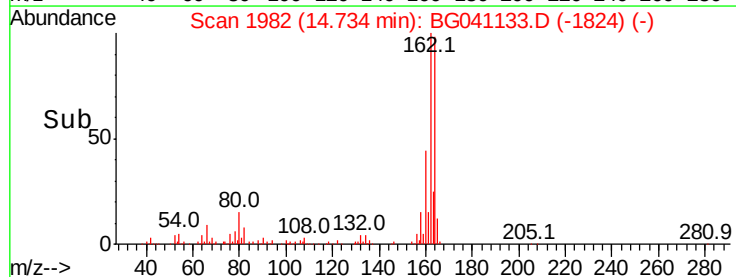
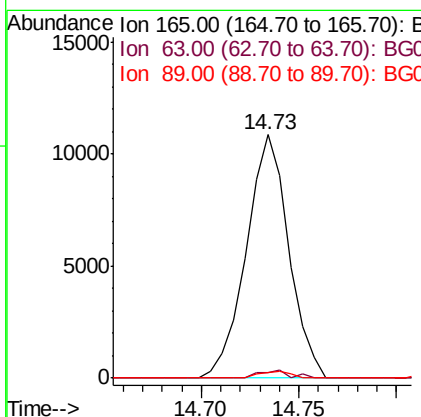
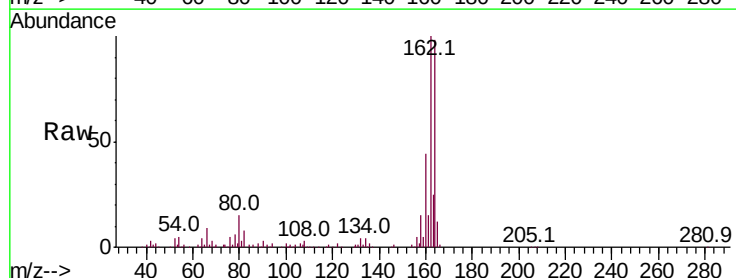
Instrument :
BNA_G
ClientSampleId :

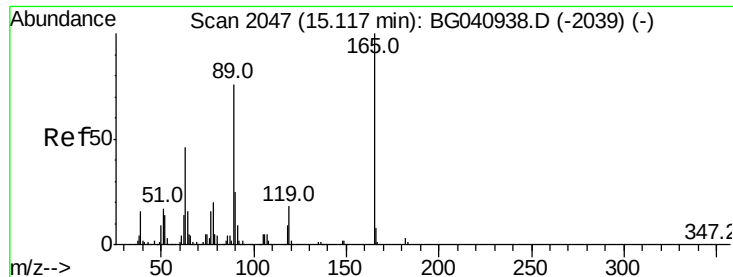
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.1	46.7
170	25.4	20.5	30.7



#51
2,6-Dinitrotoluene
Concen: 6.934 ng
RT: 14.73 min Scan# 1982
Delta R.T. 0.40 min
Lab File: BG041133.D
Acq: 8 Jun 2019 14:52

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.1	53.6	80.4#
89	2.2	50.4	75.6#

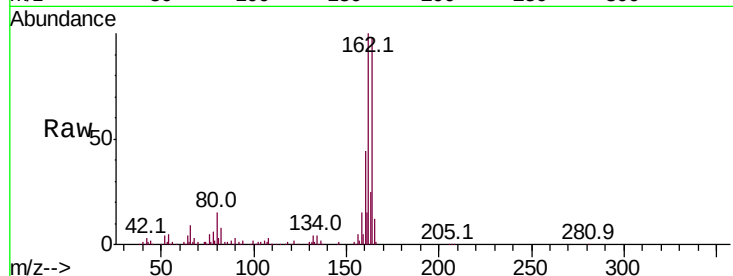




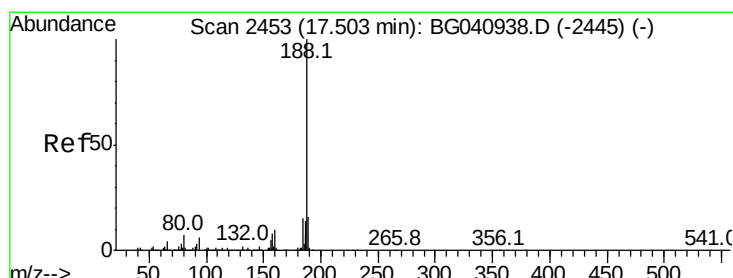
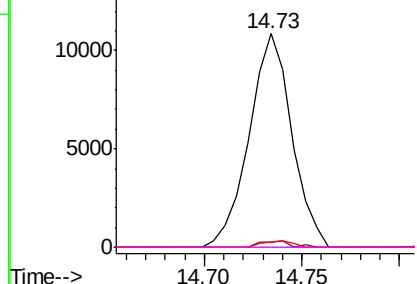
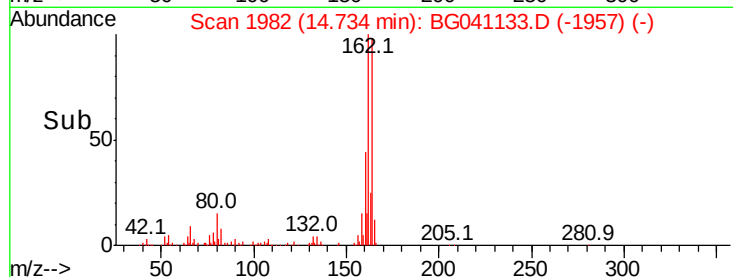
#57
2,4-Dinitrotoluene
Concen: 4.909 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.38 min
Lab File: BG041133.D
Acq: 8 Jun 2019 14:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 16337
Ion Ratio Lower Upper
165 100
63 2.1 37.3 55.9#
89 2.2 61.0 91.6#
182 0.0 2.2 3.2#

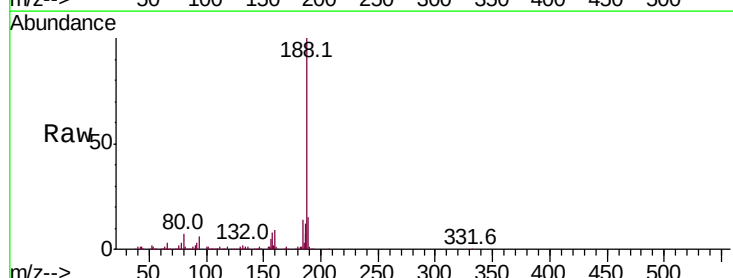


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

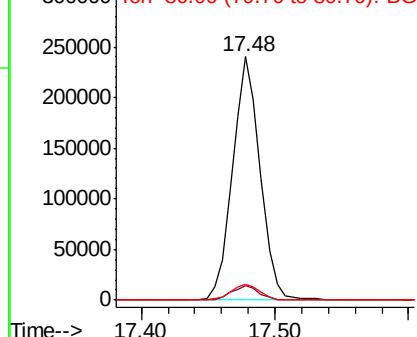
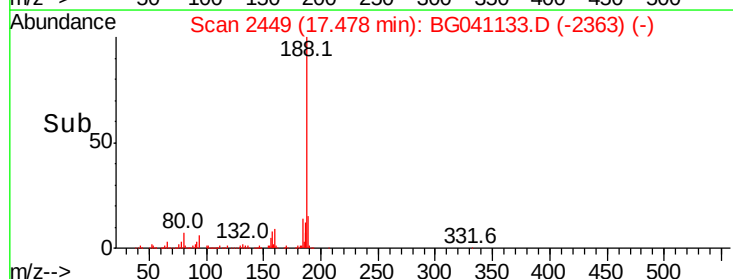


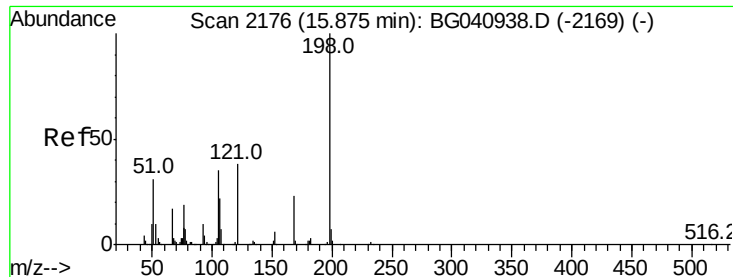
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.02 min
Lab File: BG041133.D
Acq: 8 Jun 2019 14:52

Tgt Ion:188 Resp: 344887
Ion Ratio Lower Upper
188 100
94 5.7 4.7 7.1
80 6.6 5.8 8.8



Abundance Ion 188.00 (187.70 to 188.70): E
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: 8.942 ng

RT: 16.21 min Scan# 2234

Delta R.T. 0.34 min

Lab File: BG041133.D

Acq: 8 Jun 2019 14:52

Instrument :

BNA_G

ClientSampled :

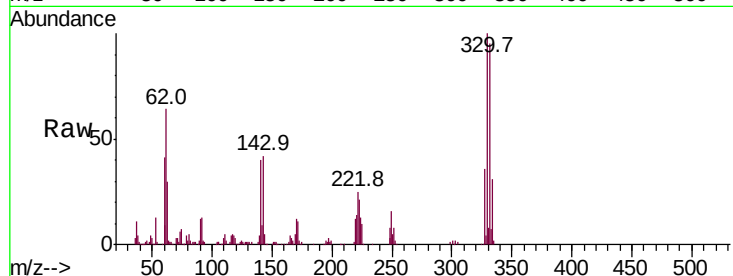
Tot Ion:198 Resp: 793

Ion Ratio Lower Upper

198 100

51 72.6 21.6 61.6#

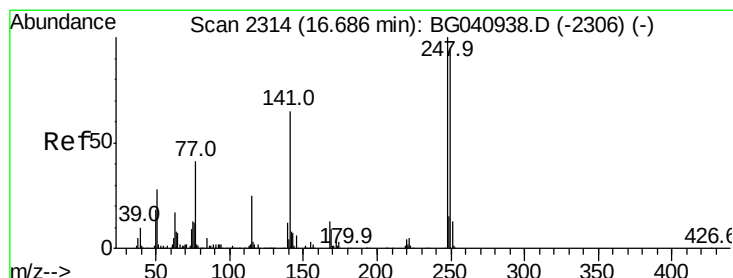
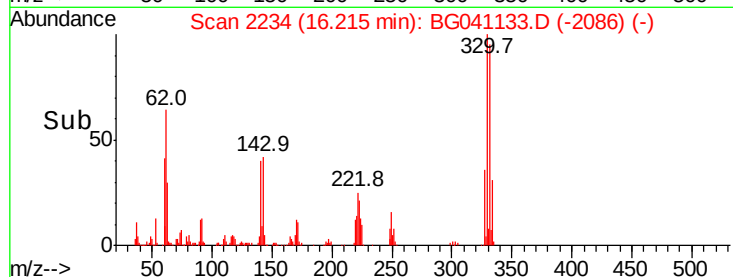
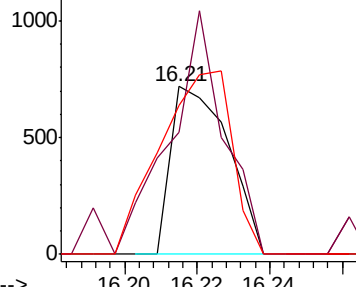
105 88.3 17.5 57.5#



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: 4.034 ng

RT: 16.22 min Scan# 2235

Delta R.T. -0.47 min

Lab File: BG041133.D

Acq: 8 Jun 2019 14:52

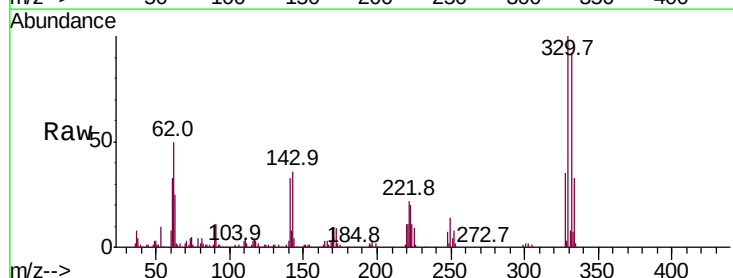
Tgt Ion:248 Resp: 18778

Ion Ratio Lower Upper

248 100

250 201.4 75.0 112.4#

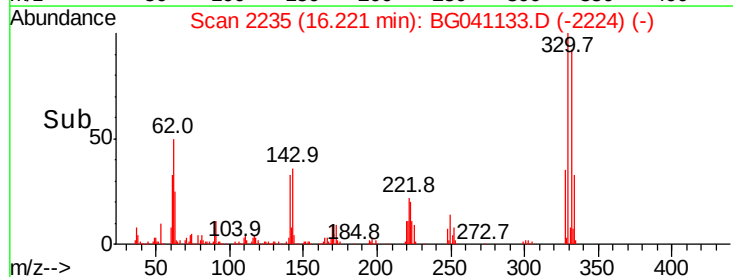
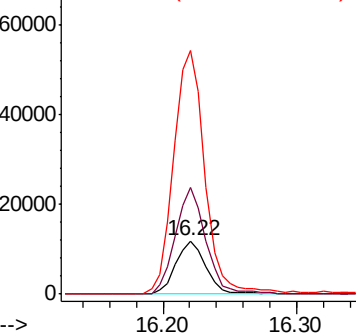
141 460.3 52.4 78.6#

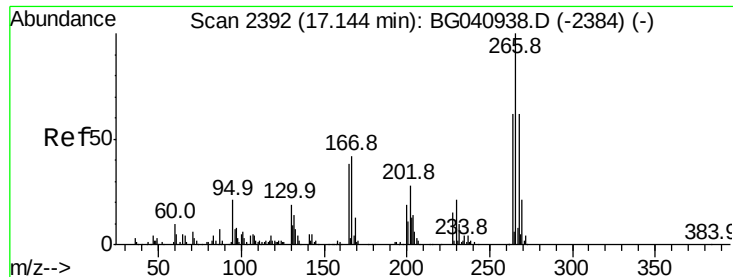


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#70

Pentachlorophenol

Concen: 4.283 ng

RT: 17.35 min Scan# 2428

Delta R.T. 0.21 min

Lab File: BG041133.D

Acq: 8 Jun 2019 14:52

Instrument :

BNA_G

ClientSampled :

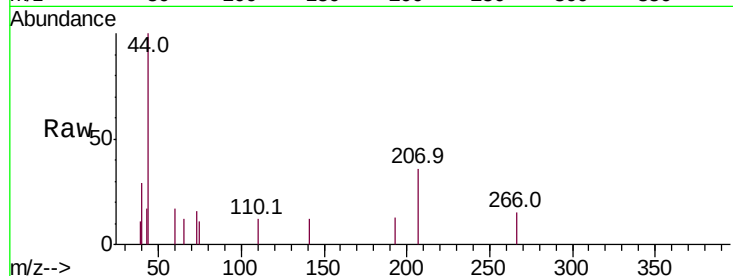
Tot Ion:266 Resp: 76

Ion Ratio Lower Upper

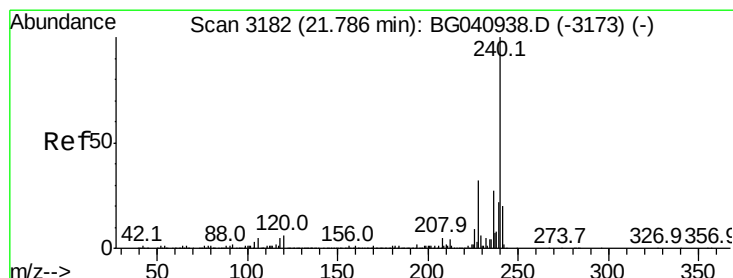
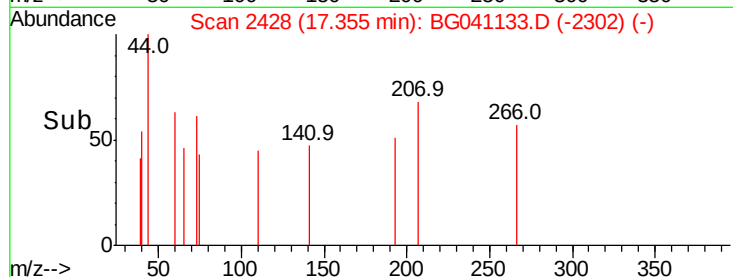
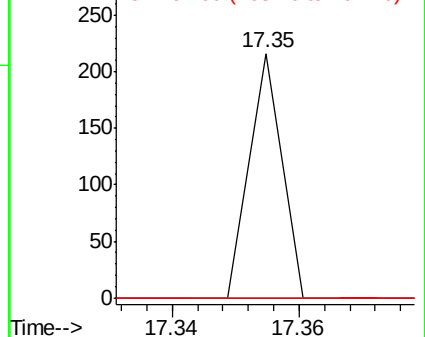
266 100

268 0.0 53.1 79.7#

264 0.0 49.9 74.9#



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3177

Delta R.T. -0.03 min

Lab File: BG041133.D

Acq: 8 Jun 2019 14:52

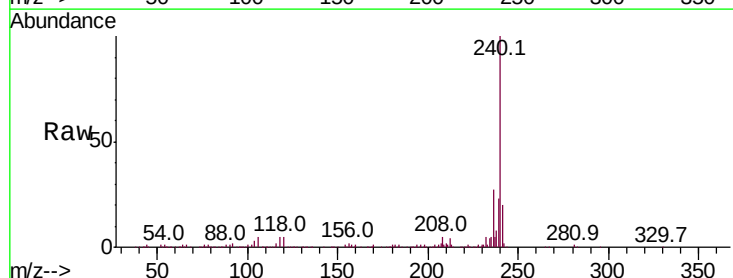
Tgt Ion:240 Resp: 353302

Ion Ratio Lower Upper

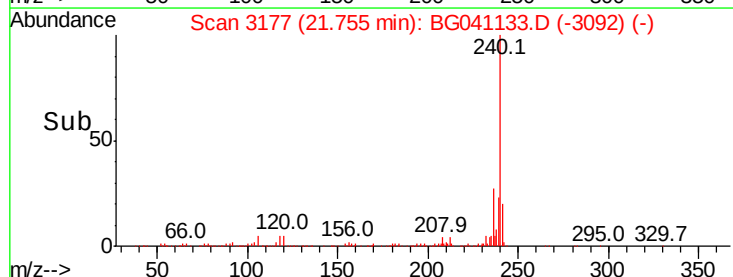
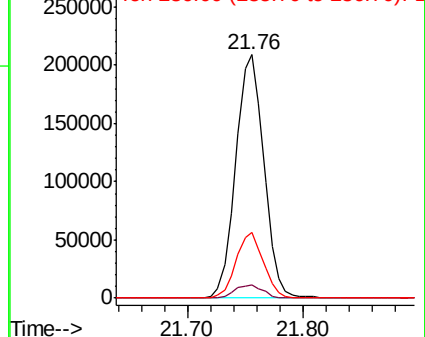
240 100

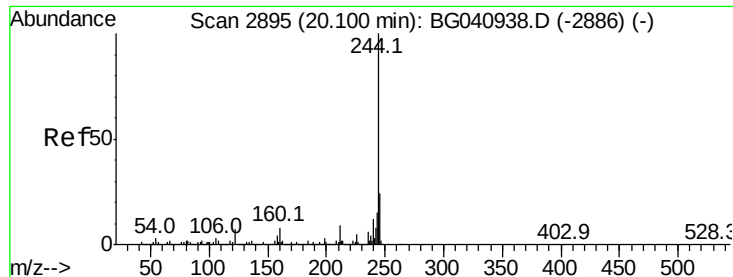
120 5.4 4.5 6.7

236 27.1 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: 95.783 ng

RT: 20.08 min Scan# 2891

Delta R.T. -0.02 min

Lab File: BG041133.D

Acq: 8 Jun 2019 14:52

Instrument :

BNA_G

ClientSampleId :

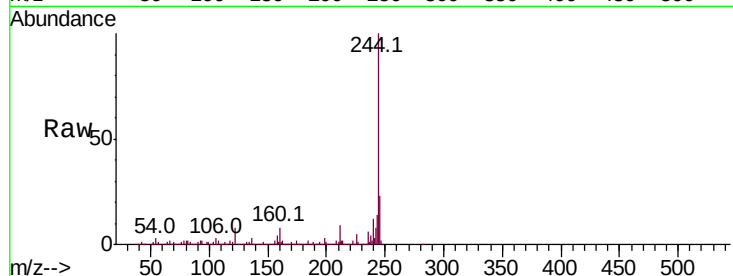
Tot Ion:244 Resp: 1594480

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.0	10.4
122	7.6	5.4	8.0

244 100

212 9.2 7.0 10.4

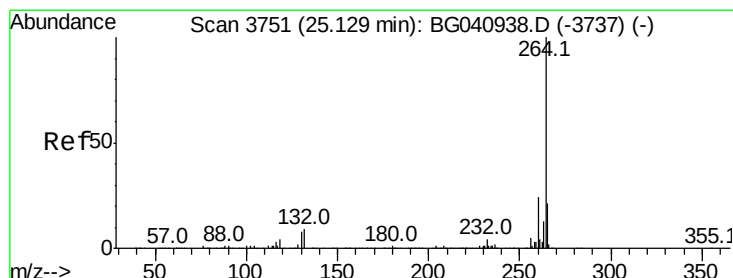
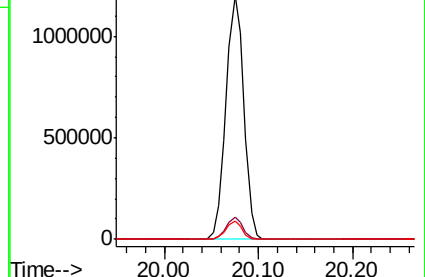
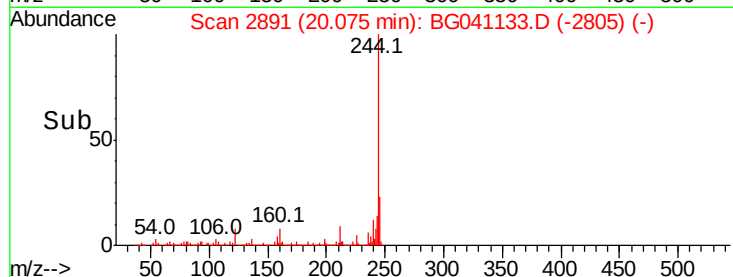
122 7.6 5.4 8.0



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

Perylene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3743

Delta R.T. -0.05 min

Lab File: BG041133.D

Acq: 8 Jun 2019 14:52

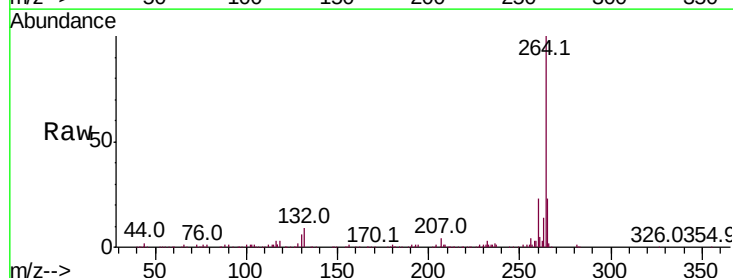
Tgt Ion:264 Resp: 373217

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.4
265	22.9	17.0	25.4

264 100

260 23.5 19.0 28.4

265 22.9 17.0 25.4



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

