

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061819\
 Data File : BG041319.D
 Acq On : 19 Jun 2019 6:07
 Operator : HP/JU
 Sample : K3417-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 19 07:49:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

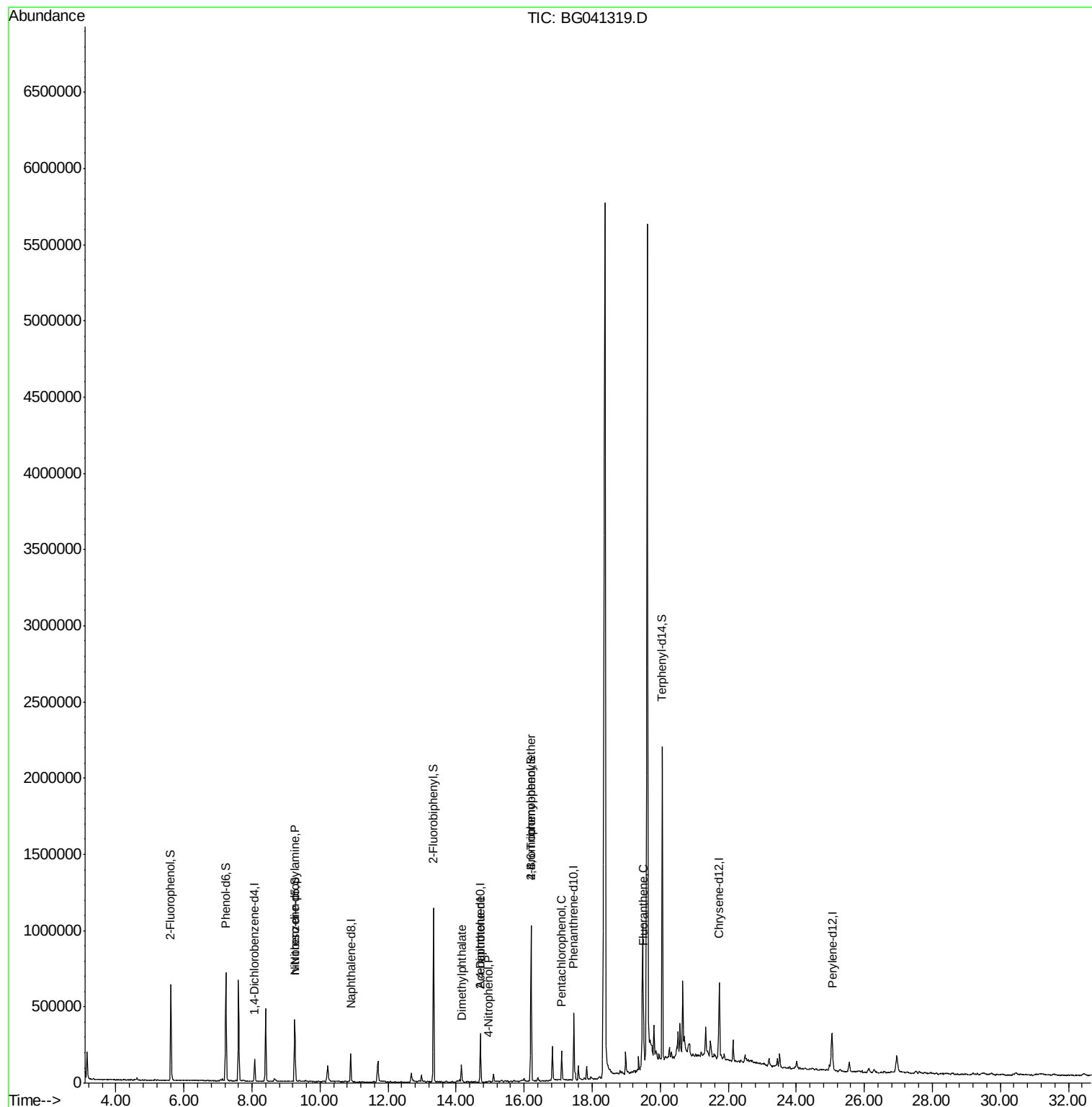
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	38266	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	148531	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	107988	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	262715	20.00	ng	0.00
76) Chrysene-d12	21.74	240	276907	20.00	ng	0.00
87) Perylene-d12	25.04	264	304305	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	237762	114.17	ng	0.00
7) Phenol-d6	7.23	99	351395	116.40	ng	0.00
23) Nitrobenzene-d5	9.26	82	254203	71.98	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	180923	109.13	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	554313	69.77	ng	0.00
79) Terphenyl-d14	20.06	244	914565	65.45	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	37164	15.222	ng	Qvalue # 80
50) Dimethylphthalate	14.16	163	65796	6.848	ng	98
56) 4-Nitrophenol	14.97	139	756	3.694	ng	# 75
57) 2,4-Dinitrotoluene	14.71	165	13771	4.650	ng	# 20
67) 4-Bromophenyl-phenylether	16.20	248	13528	3.982	ng	# 1
70) Pentachlorophenol	17.11	266	36165	19.416	ng	97
75) Fluoranthene	19.51	202	41514	2.230	ng	93

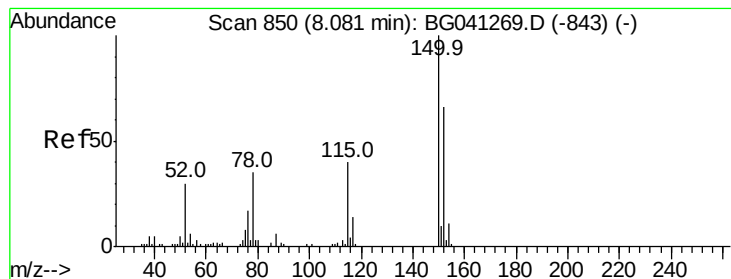
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 17 14:58:02 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BG041319.D

Acq: 19 Jun 2019 6:07

Instrument :

BNA_G

ClientSampled :

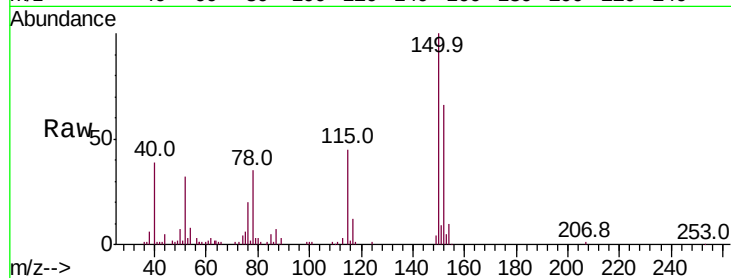
Tot Ion:152 Resp: 38266

Ion Ratio Lower Upper

152 100

150 152.2 120.6 181.0

115 68.0 47.9 71.9

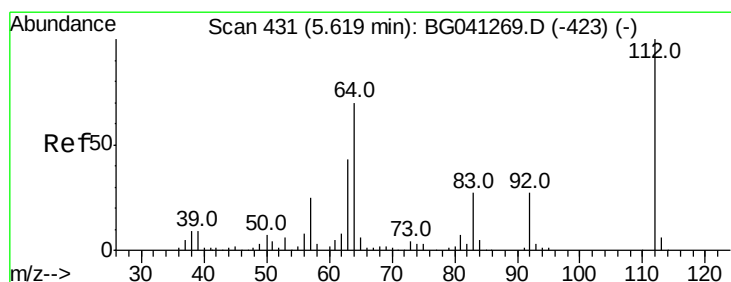
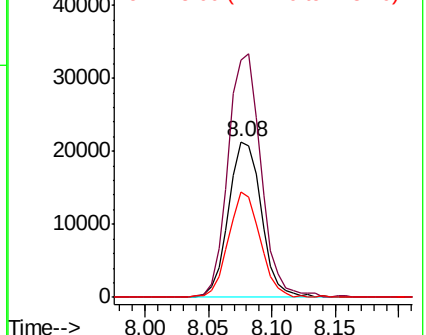
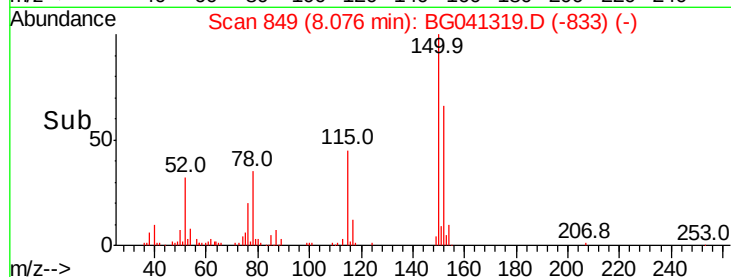


Abundance

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: 114.166 ng

RT: 5.61 min Scan# 430

Delta R.T. -0.01 min

Lab File: BG041319.D

Acq: 19 Jun 2019 6:07

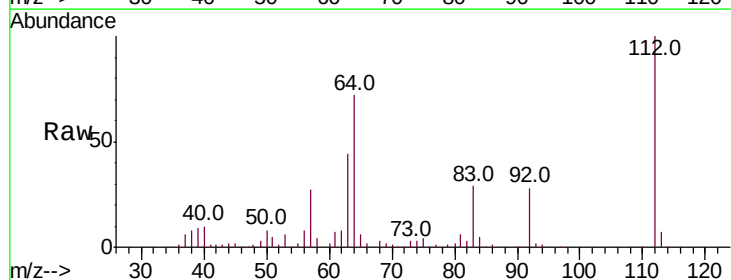
Tgt Ion:112 Resp: 237762

Ion Ratio Lower Upper

112 100

64 71.8 55.9 83.9

63 43.6 34.6 51.8

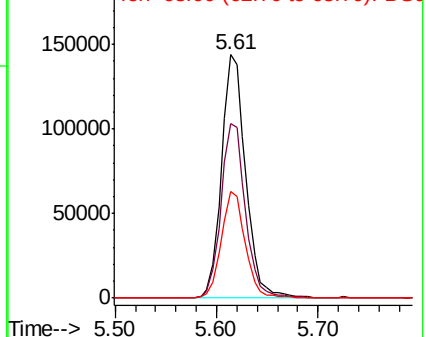
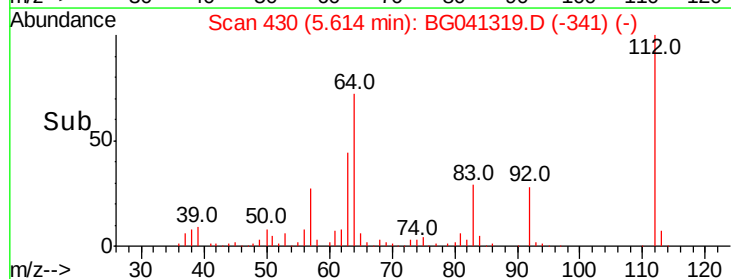


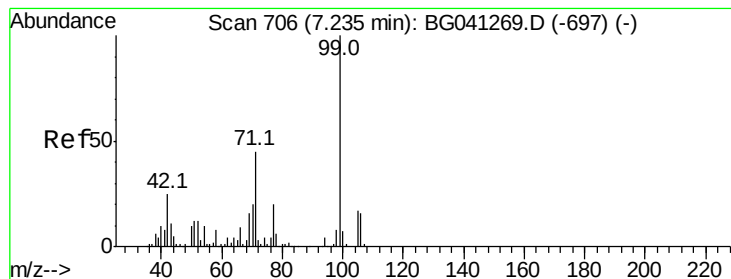
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 116.404 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.01 min

Lab File: BG041319.D

Acq: 19 Jun 2019 6:07

Instrument :

BNA_G

ClientSampled :

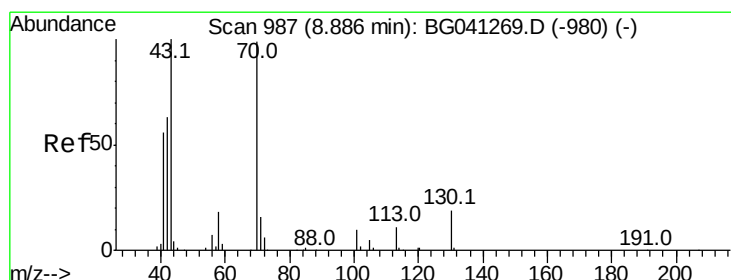
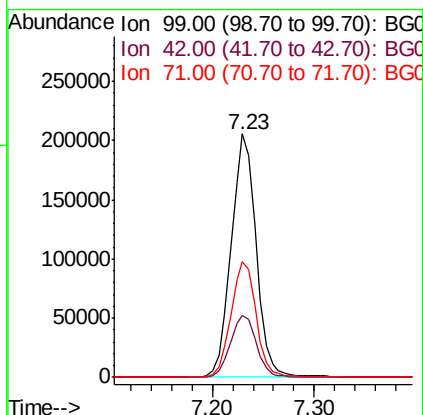
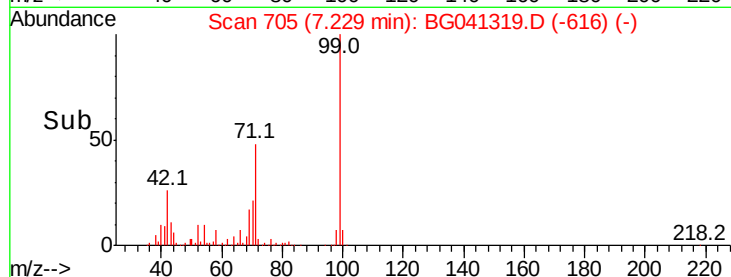
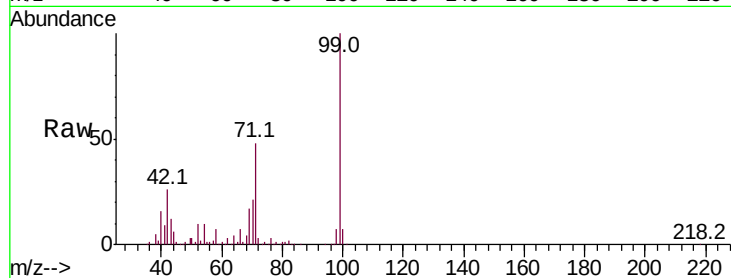
Tot Ion: 99 Resp: 351395

Ion Ratio Lower Upper

99 100

42 25.6 19.9 29.9

71 47.5 36.4 54.6



#19

n-Nitroso-di-n-propylamine

Concen: 15.222 ng

RT: 9.26 min Scan# 1050

Delta R.T. 0.37 min

Lab File: BG041319.D

Acq: 19 Jun 2019 6:07

Tgt Ion: 70 Resp: 37164

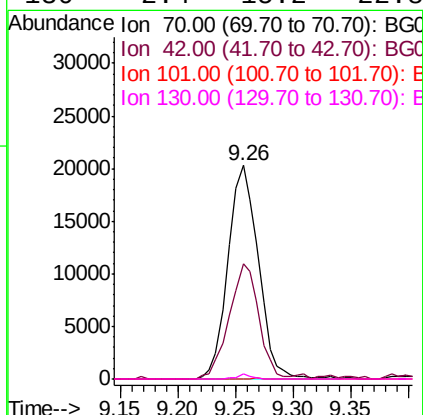
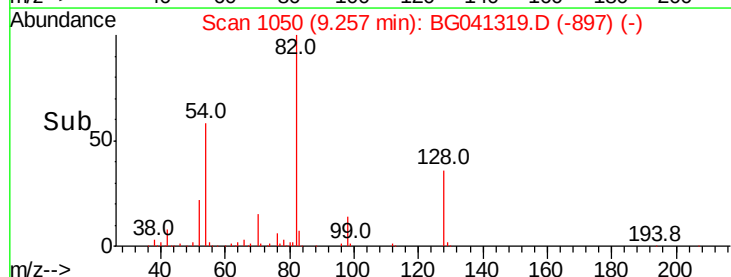
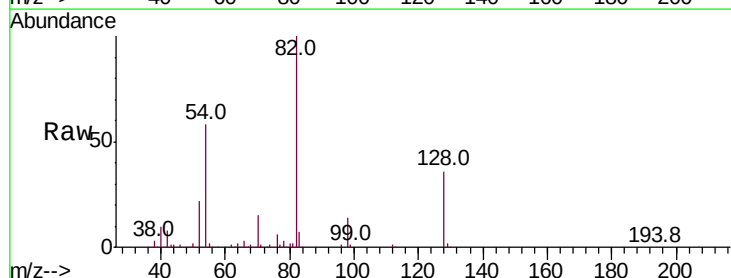
Ion Ratio Lower Upper

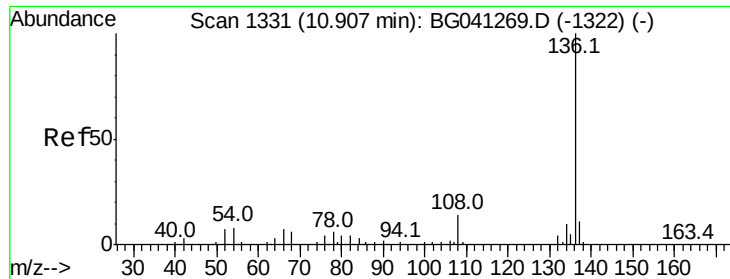
70 100

42 53.7 51.4 77.2

101 0.0 8.2 12.2#

130 2.4 15.2 22.8#

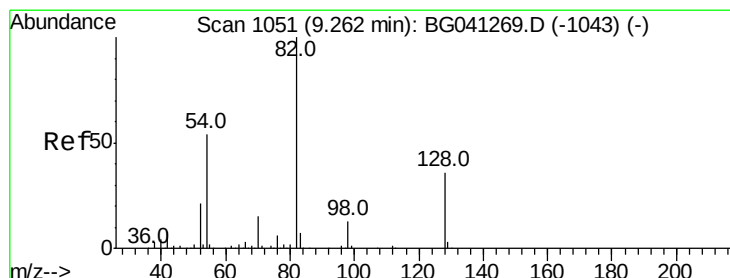
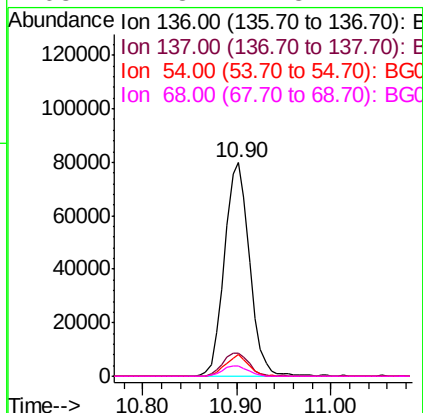
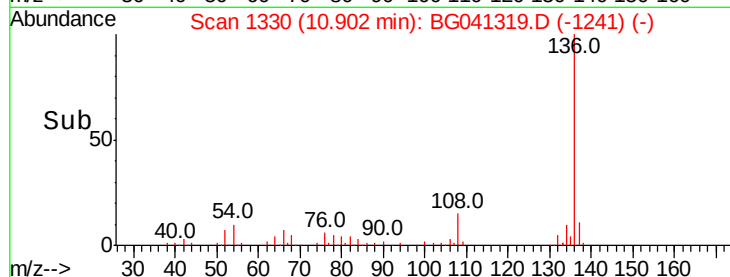
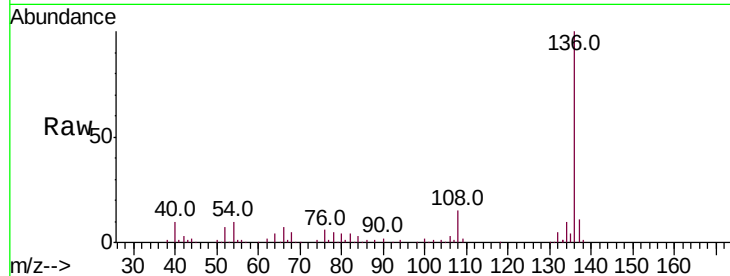




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG041319.D
Acq: 19 Jun 2019 6:07

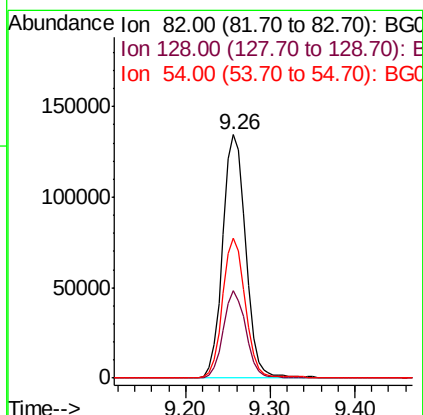
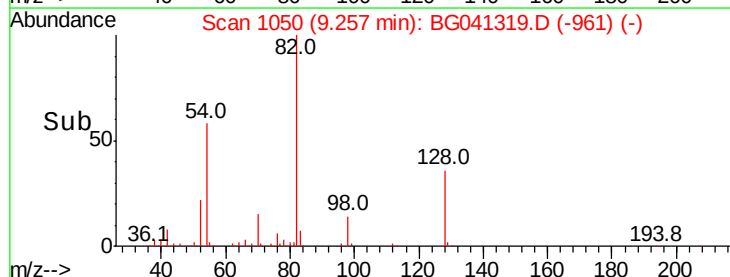
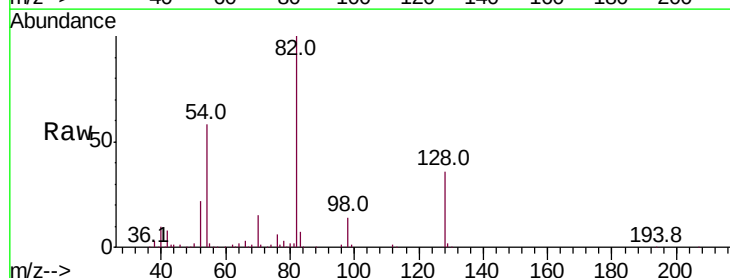
Instrument :
BNA_G
ClientSampleId :

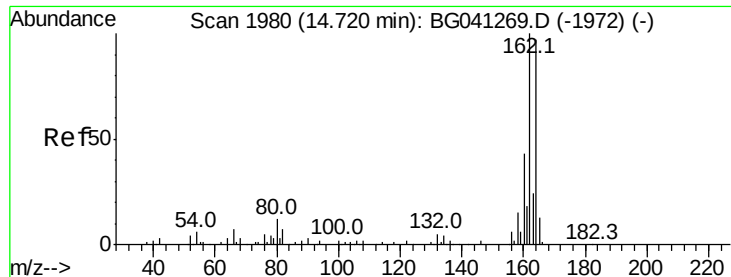
Tot Ion:136	Resp:	148531
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.8 13.2
54	10.2	6.4 9.6#
68	4.8	4.8 7.2#



#23
Nitrobenzene-d5
Concen: 71.977 ng
RT: 9.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BG041319.D
Acq: 19 Jun 2019 6:07

Tgt Ion: 82	Resp:	254203
Ion Ratio	Lower	Upper
82	100	
128	35.8	29.2 43.8
54	57.7	43.4 65.0

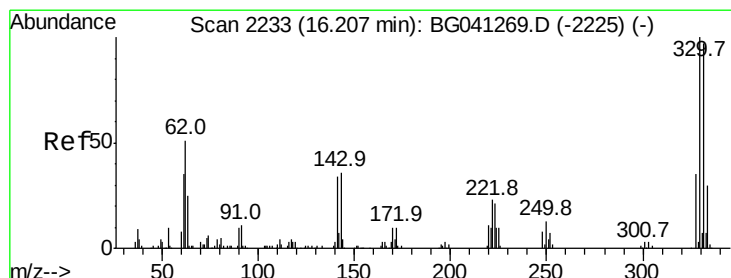
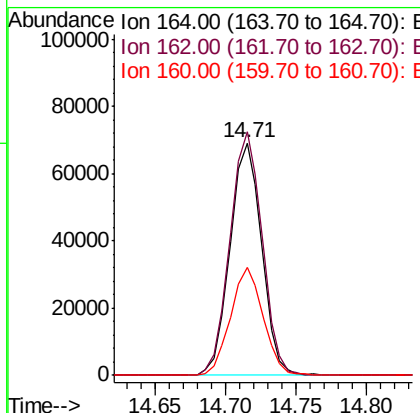
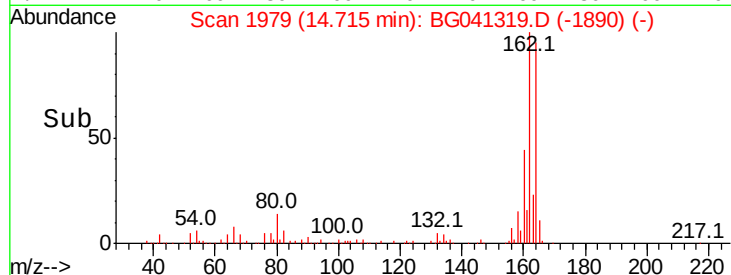
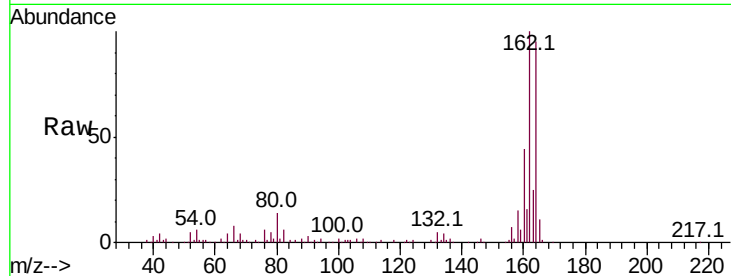




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.71 min Scan# 1979
 Delta R.T. -0.01 min
 Lab File: BG041319.D
 Acq: 19 Jun 2019 6:07

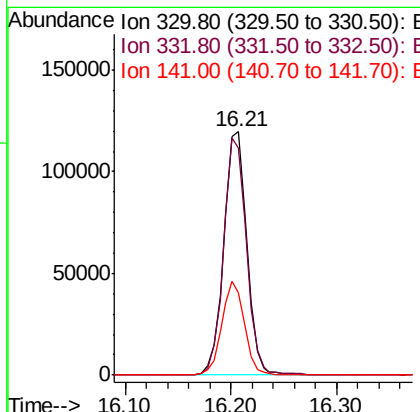
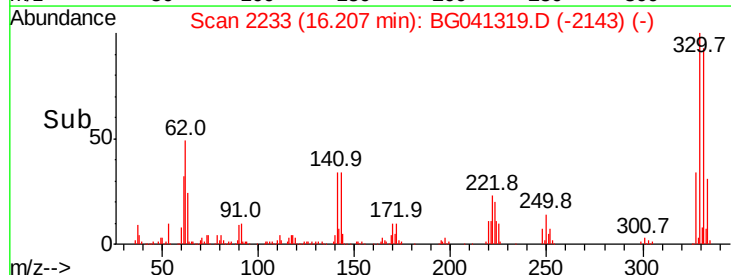
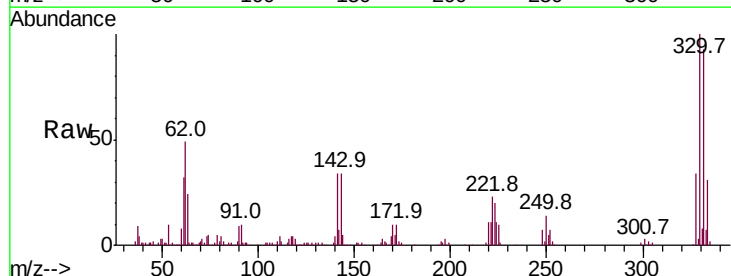
Instrument :
 BNA_G
 ClientSampleId :

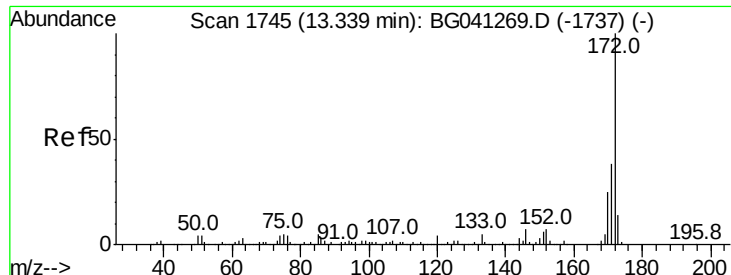
Tot Ion	Ratio	Lower	Upper
164	100		
162	104.9	82.8	124.2
160	46.5	35.8	53.8



#42
 2,4,6-Tribromophenol
 Concen: 109.131 ng
 RT: 16.21 min Scan# 2233
 Delta R.T. 0.00 min
 Lab File: BG041319.D
 Acq: 19 Jun 2019 6:07

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	75.5	113.3
141	37.9	29.0	43.4

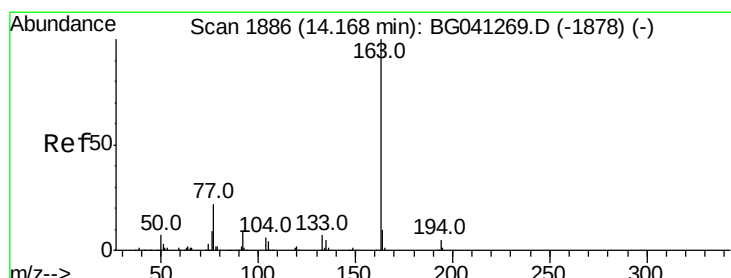
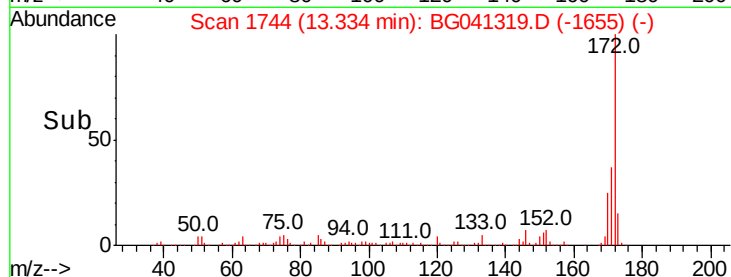
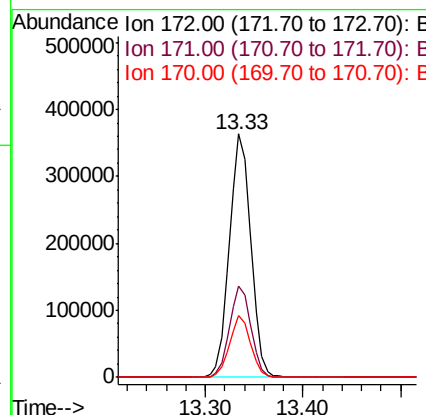
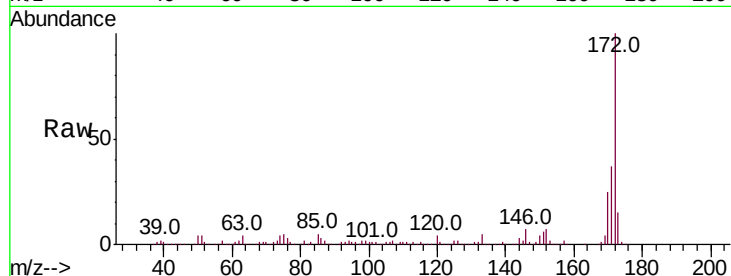




#45
2-Fluorobiphenyl
Concen: 69.767 ng
RT: 13.33 min Scan# 1744
Delta R.T. -0.01 min
Lab File: BG041319.D
Acq: 19 Jun 2019 6:07

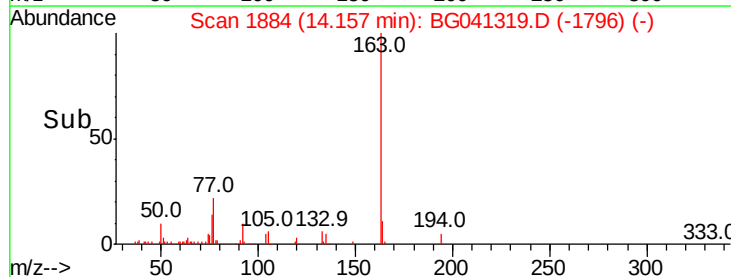
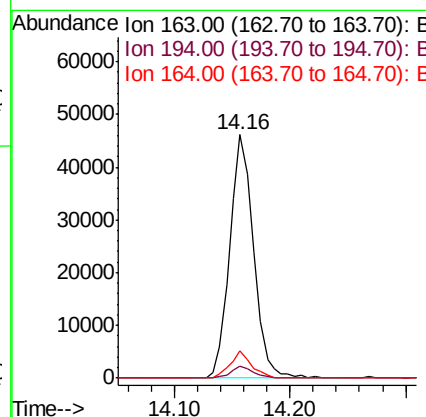
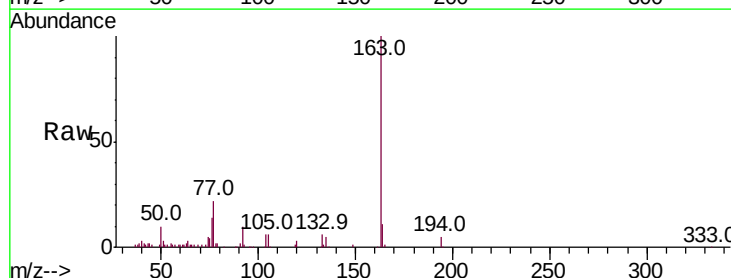
Instrument :
BNA_G
ClientSampleId :

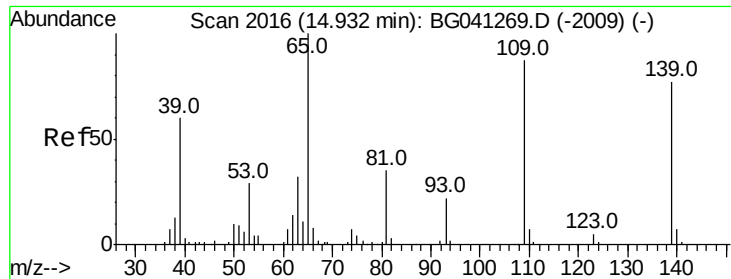
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.0	45.0
170	25.3	19.8	29.6



#50
Dimethylphthalate
Concen: 6.848 ng
RT: 14.16 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BG041319.D
Acq: 19 Jun 2019 6:07

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.9	5.9
164	11.2	8.3	12.5





#56

4-Nitrophenol

Concen: 3.694 ng

RT: 14.97 min Scan# 2022

Delta R.T. 0.04 min

Lab File: BG041319.D

Acq: 19 Jun 2019 6:07

Instrument :

BNA_G

ClientSampled :

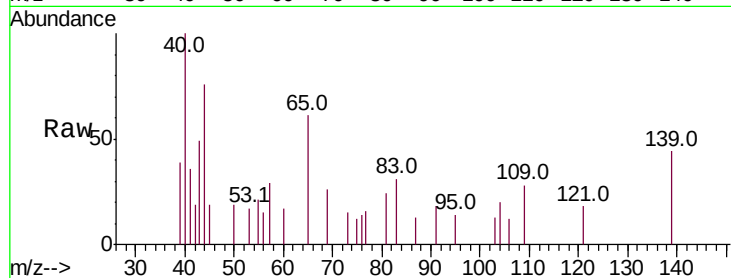
Tot Ion:139 Resp: 756

Ion Ratio Lower Upper

139 100

109 64.1 93.2 133.2#

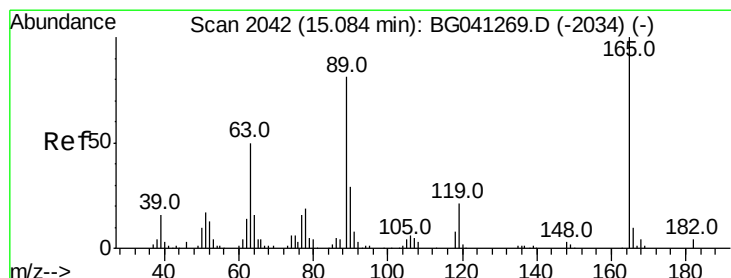
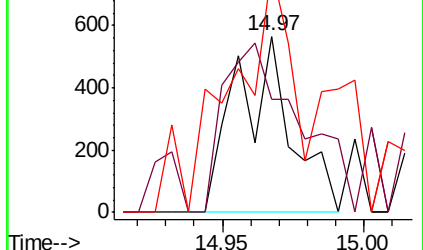
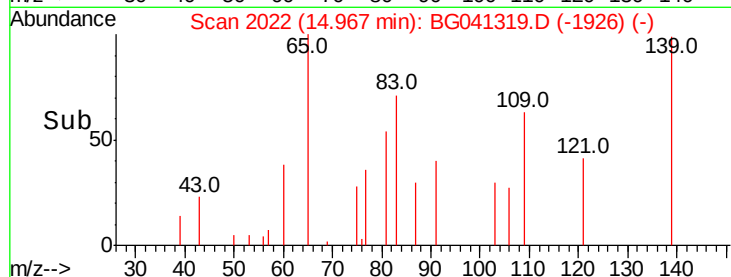
65 138.4 110.2 150.2



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: 4.650 ng

RT: 14.71 min Scan# 1978

Delta R.T. -0.38 min

Lab File: BG041319.D

Acq: 19 Jun 2019 6:07

Tgt Ion:165 Resp: 13771

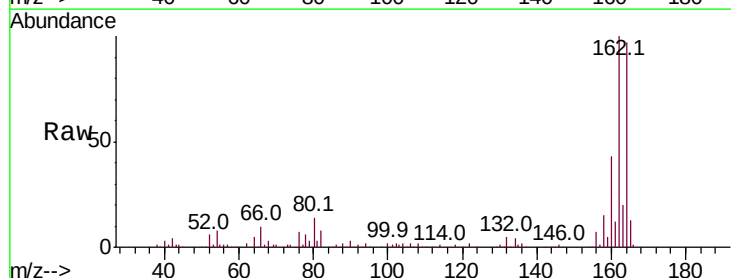
Ion Ratio Lower Upper

165 100

63 0.0 40.0 60.0#

89 2.5 64.6 96.8#

182 0.0 2.9 4.3#

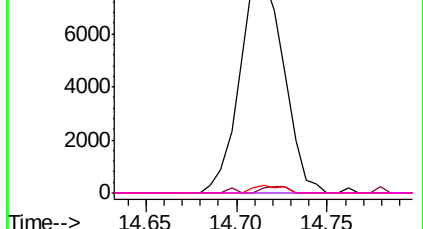
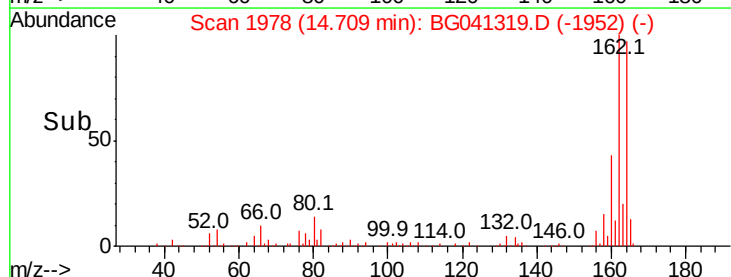


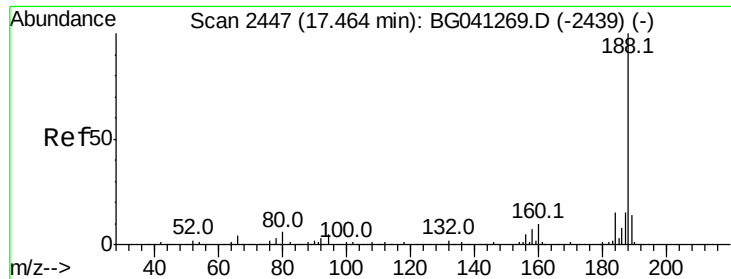
Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.46 min Scan# 2446

Delta R.T. -0.01 min

Lab File: BG041319.D

Acq: 19 Jun 2019 6:07

Instrument :

BNA_G

ClientSampleId :

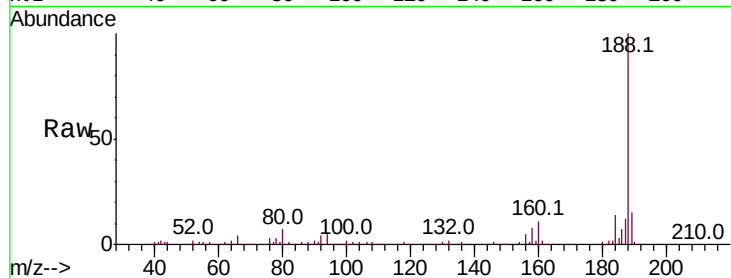
Tot Ion:188 Resp: 262715

Ion Ratio Lower Upper

188 100

94 5.1 3.6 5.4

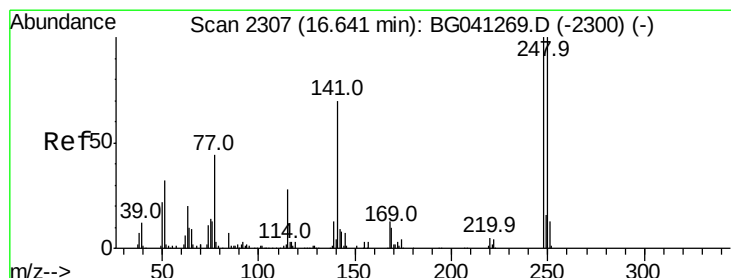
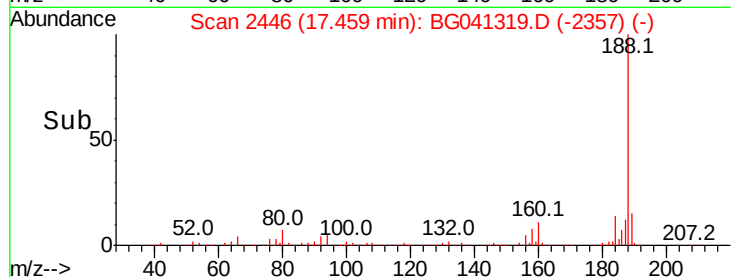
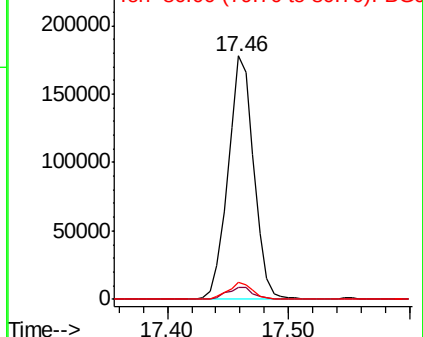
80 6.8 4.8 7.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#67

4-Bromophenyl-phenylether

Concen: 3.982 ng

RT: 16.20 min Scan# 2232

Delta R.T. -0.44 min

Lab File: BG041319.D

Acq: 19 Jun 2019 6:07

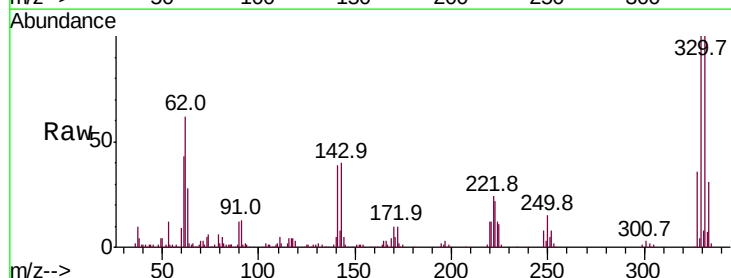
Tgt Ion:248 Resp: 13528

Ion Ratio Lower Upper

248 100

250 200.9 79.8 119.8#

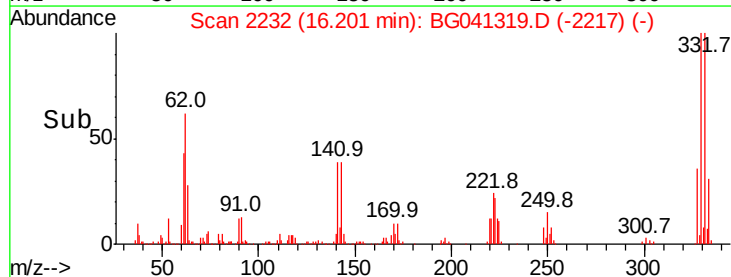
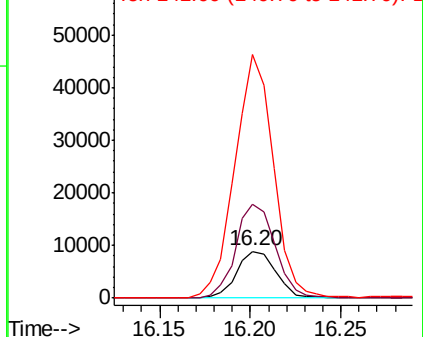
141 522.9 55.8 83.6#

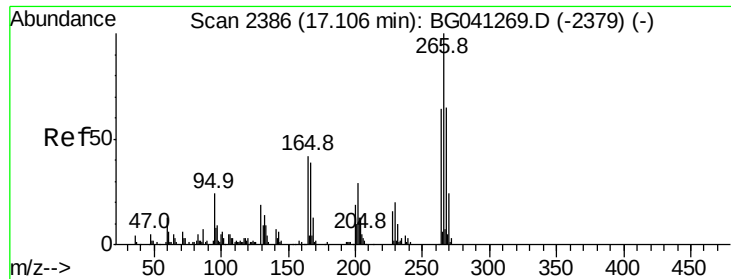


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

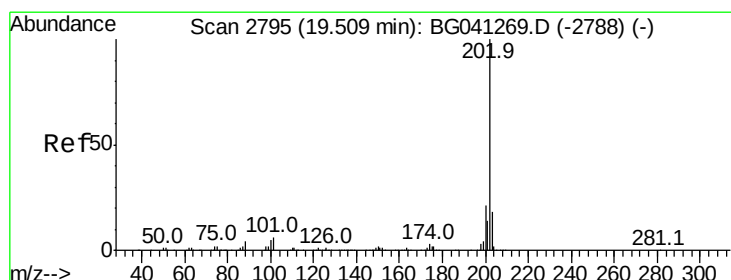
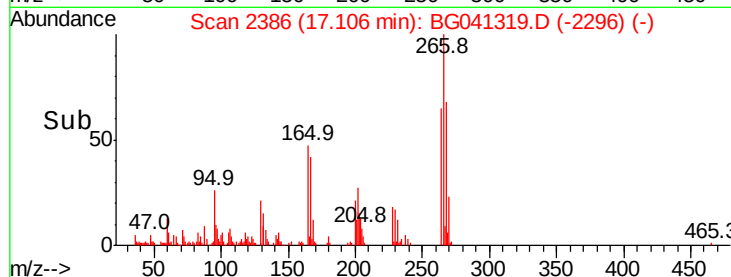
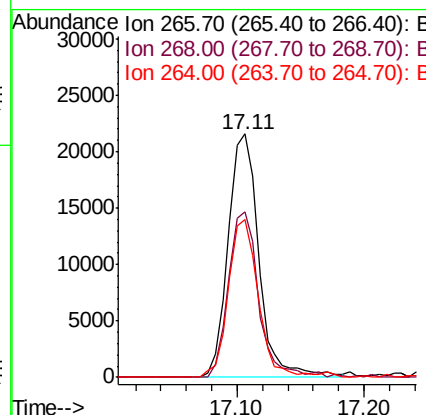
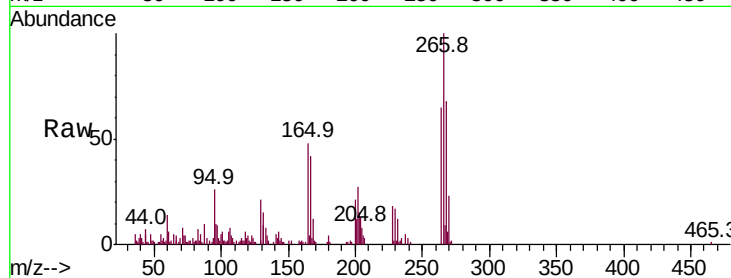




#70
 Pentachlorophenol
 Concen: 19.416 ng
 RT: 17.11 min Scan# 2386
 Delta R.T. 0.00 min
 Lab File: BG041319.D
 Acq: 19 Jun 2019 6:07

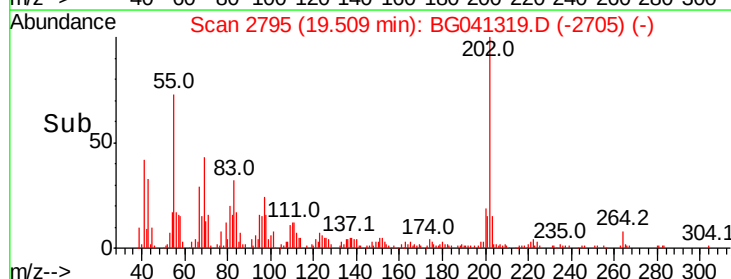
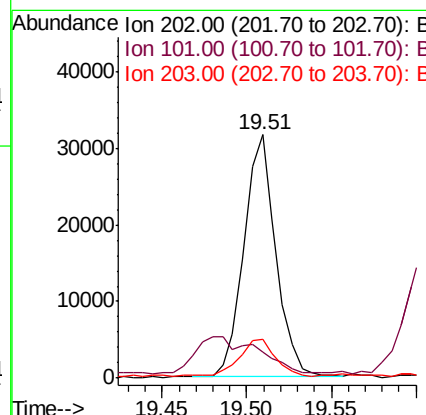
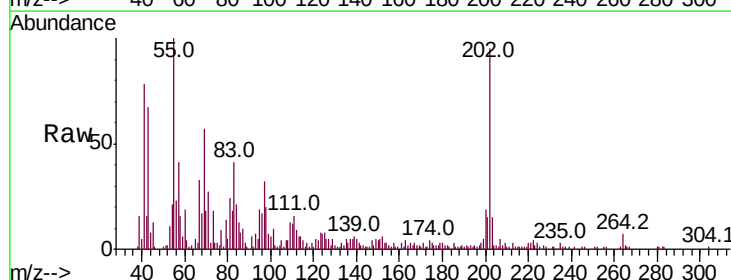
Instrument :
 BNA_G
 ClientSampled :

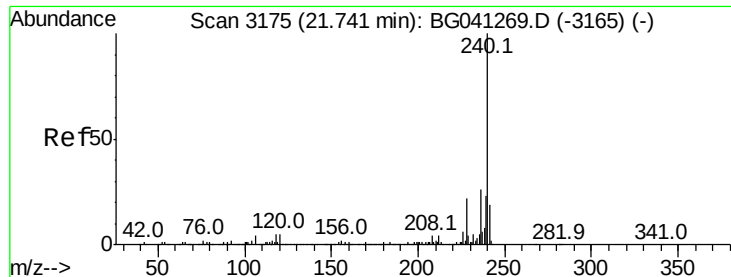
Tot Ion	Ratio	Lower	Upper
266	100		
268	68.2	52.0	78.0
264	65.0	51.2	76.8



#75
 Fluoranthene
 Concen: 2.230 ng
 RT: 19.51 min Scan# 2795
 Delta R.T. 0.00 min
 Lab File: BG041319.D
 Acq: 19 Jun 2019 6:07

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	26.0
203	15.8	0.0	37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BG041319.D

Acq: 19 Jun 2019 6:07

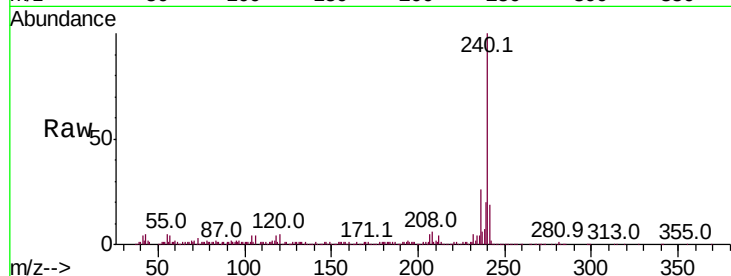
Instrument :

BNA_G

ClientSampleId :

Tot Ion:240 Resp: 276907

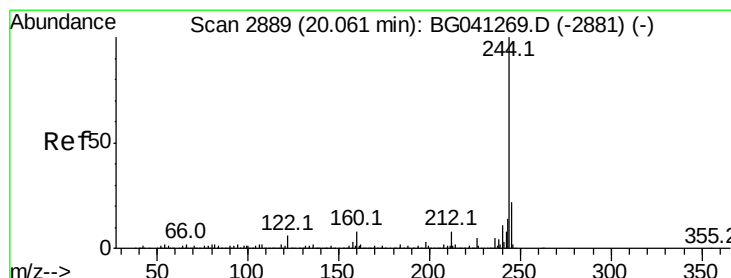
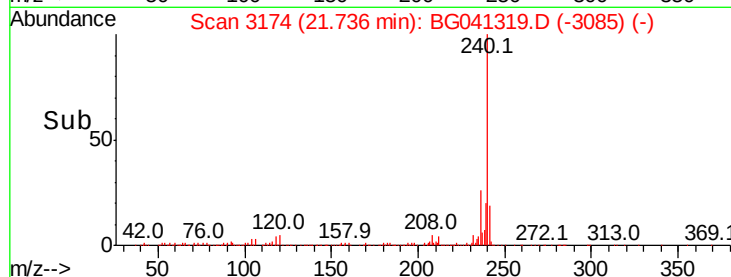
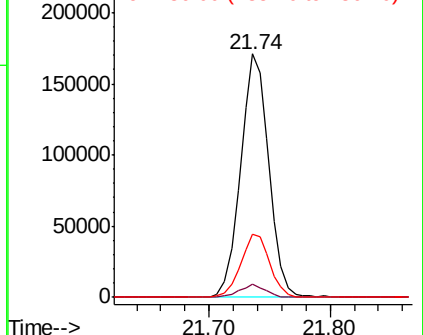
Ion	Ratio	Lower	Upper
240	100		
120	5.2	3.7	5.5
236	26.2	21.1	31.7



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: 65.454 ng

RT: 20.06 min Scan# 2889

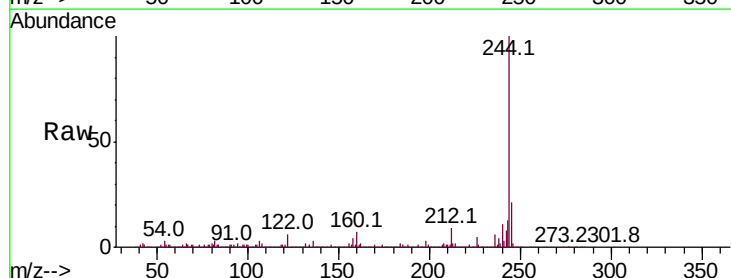
Delta R.T. 0.00 min

Lab File: BG041319.D

Acq: 19 Jun 2019 6:07

Tgt Ion:244 Resp: 914565

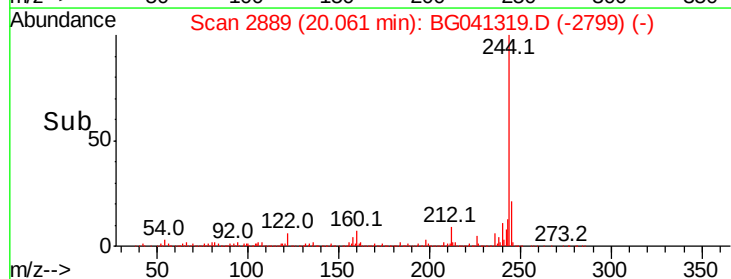
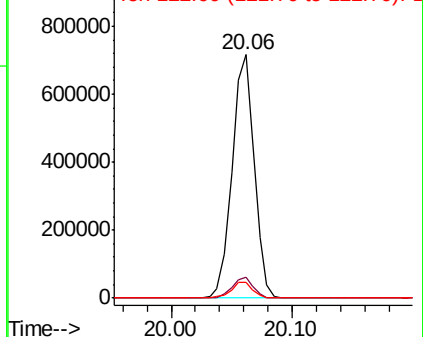
Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.6	10.0
122	6.3	5.0	7.4

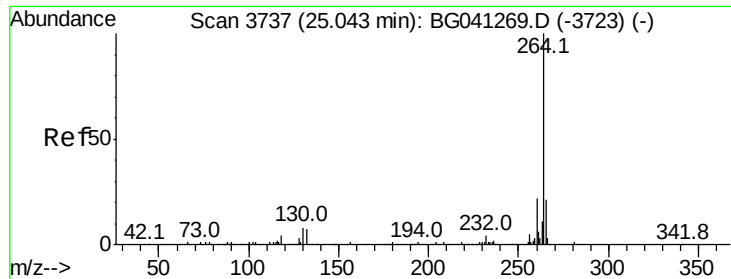


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.04 min Scan# 3737
Delta R.T. 0.00 min
Lab File: BG041319.D
Acq: 19 Jun 2019 6:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.6	17.4	26.2
265	20.6	17.2	25.8

