

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053119\
 Data File : BG040993.D
 Acq On : 1 Jun 2019 2:13
 Operator : HP/JU
 Sample : PB120082BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120082BL

Quant Time: Jun 03 02:13:13 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	8.12	152	52961	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	205593	20.00	ng	-0.01
39) Acenaphthene-d10	14.75	164	148686	20.00	ng	-0.01
64) Phenanthrene-d10	17.50	188	391427	20.00	ng	0.00
76) Chrysene-d12	21.77	240	405792	20.00	ng	-0.01
87) Perylene-d12	25.11	264	419240	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	262783	89.47	ng	0.00
7) Phenol-d6	7.26	99	368968	81.34	ng	0.00
23) Nitrobenzene-d5	9.30	82	393568	84.98	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	180167	81.62	ng	-0.01
45) 2-Fluorobiphenyl	13.37	172	923212	89.42	ng	-0.01
79) Terphenyl-d14	20.09	244	1565040	81.85	ng	-0.01

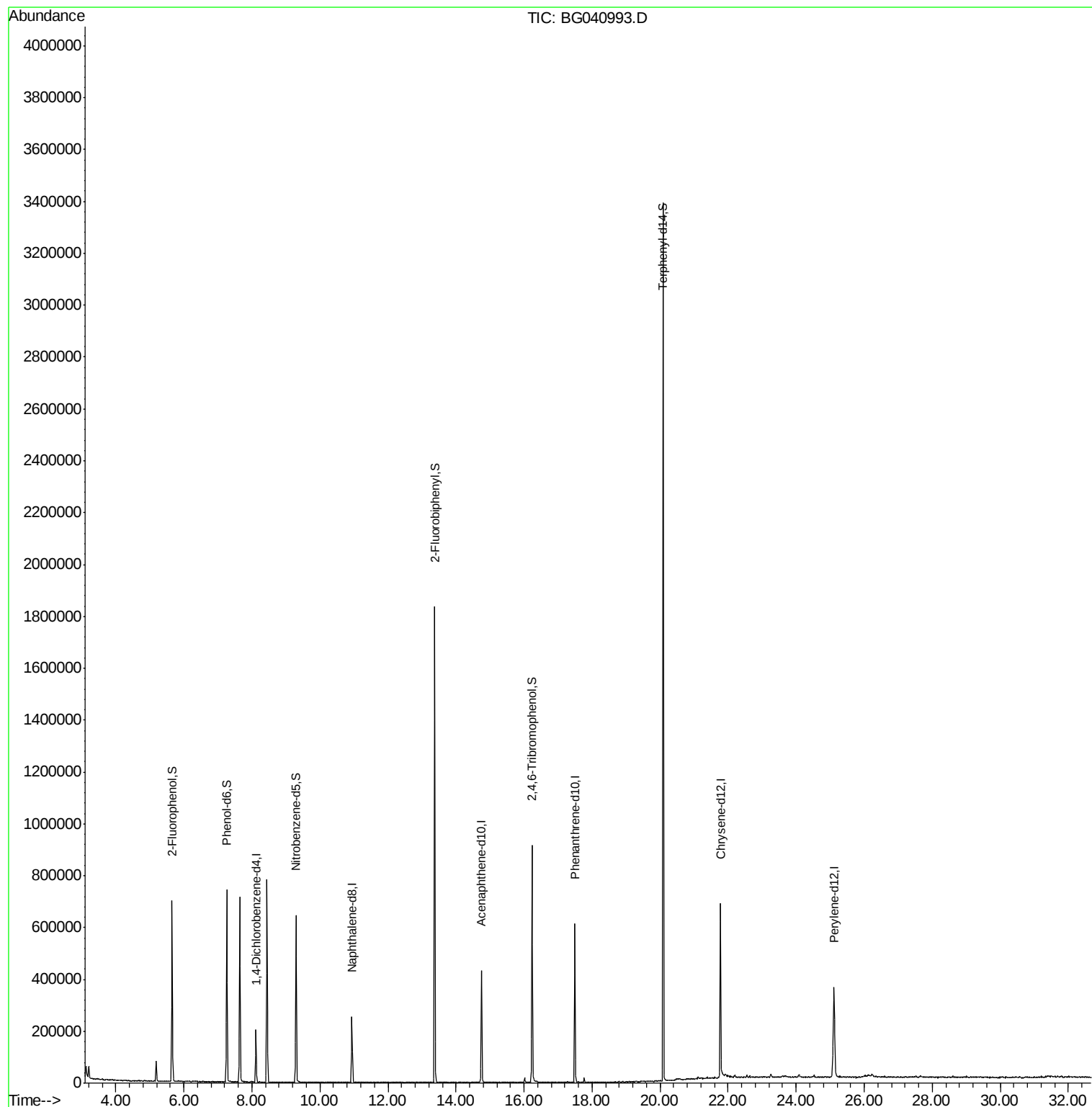
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BG040993.D

Acq: 1 Jun 2019 2:13

Instrument :

BNA_G

ClientSampleId :

PB120082BL

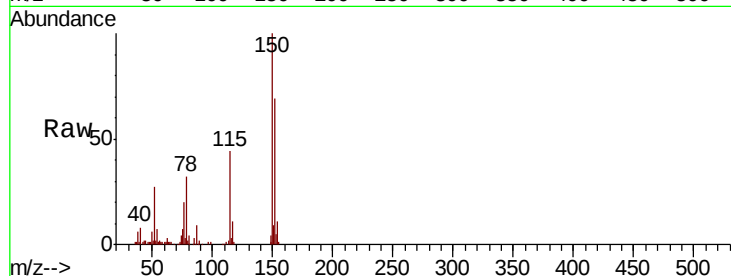
Tot Ion:152 Resp: 52961

Ion Ratio Lower Upper

152 100

150 144.3 120.6 180.8

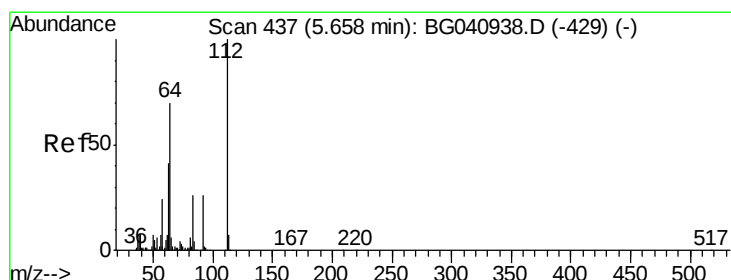
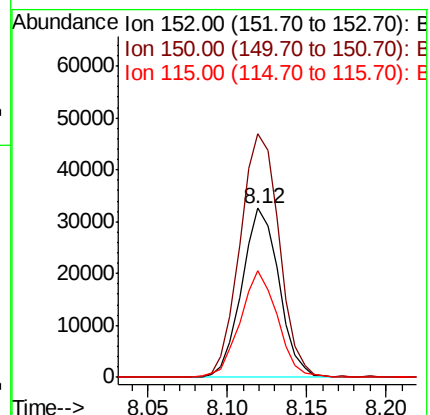
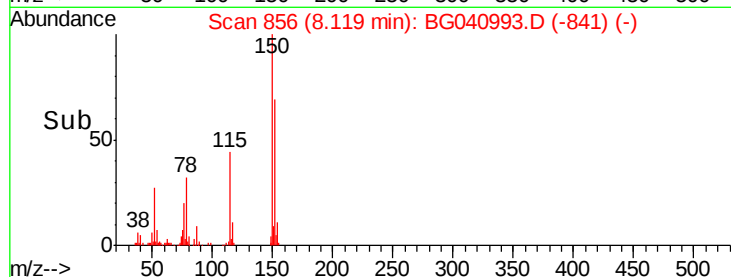
115 63.2 45.1 67.7



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



#5

2-Fluorophenol

Concen: 89.472 ng

RT: 5.65 min Scan# 436

Delta R.T. -0.01 min

Lab File: BG040993.D

Acq: 1 Jun 2019 2:13

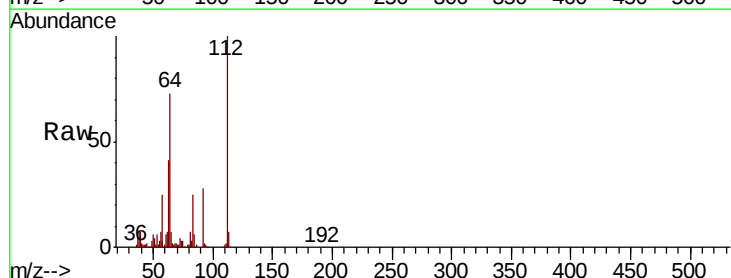
Tgt Ion:112 Resp: 262783

Ion Ratio Lower Upper

112 100

64 73.0 56.2 84.2

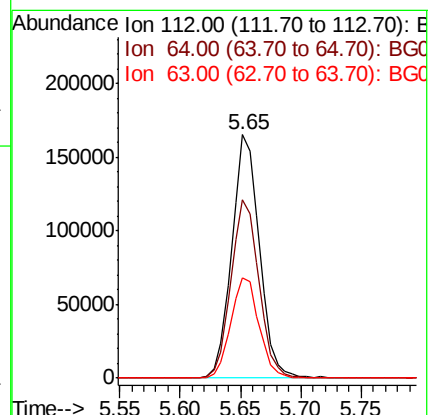
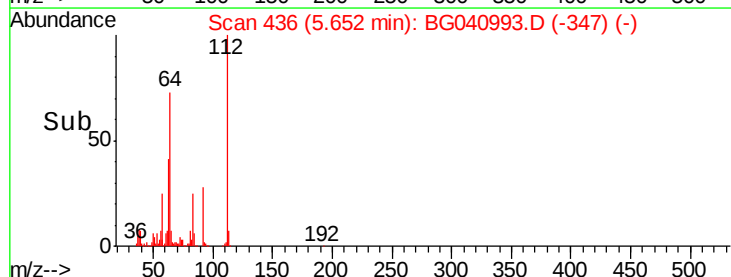
63 40.9 32.8 49.2



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





#7

Phenol-d6

Concen: 81.343 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG040993.D

Acq: 1 Jun 2019 2:13

Instrument :

BNA_G

ClientSampleId :

PB120082BL

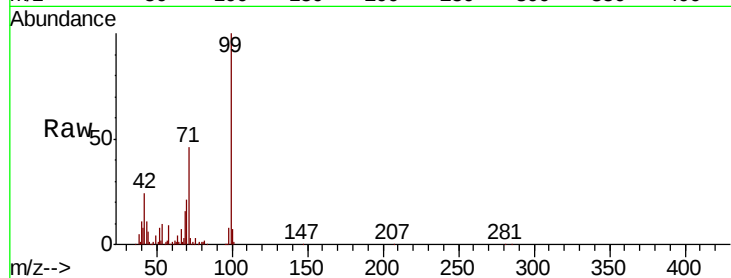
Tot Ion: 99 Resp: 368968

Ion Ratio Lower Upper

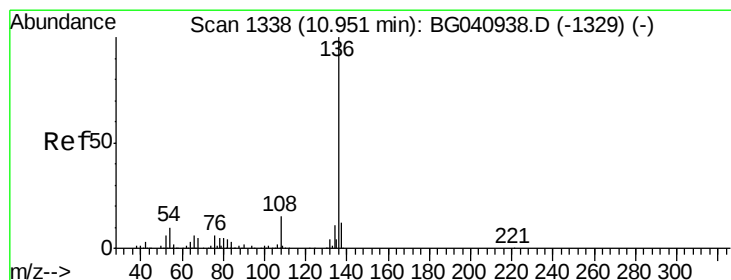
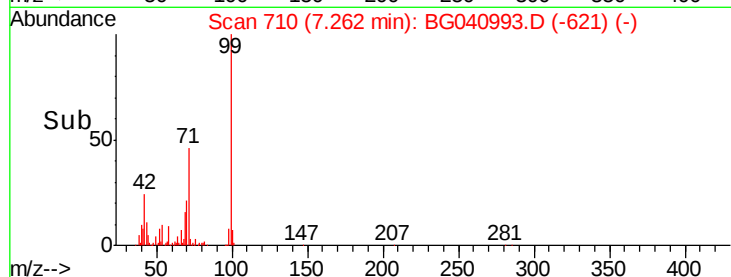
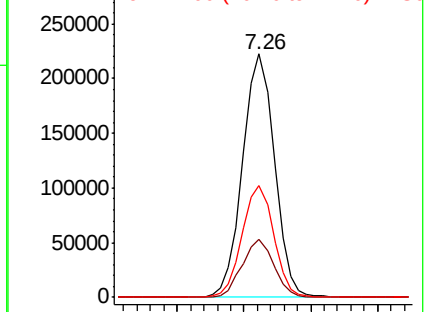
99 100

42 23.6 17.9 26.9

71 46.1 35.4 53.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.94 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BG040993.D

Acq: 1 Jun 2019 2:13

Tgt Ion: 136 Resp: 205593

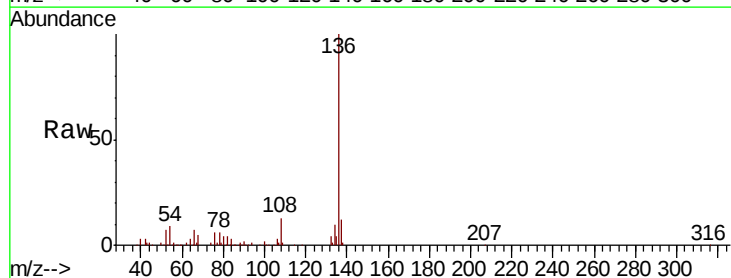
Ion Ratio Lower Upper

136 100

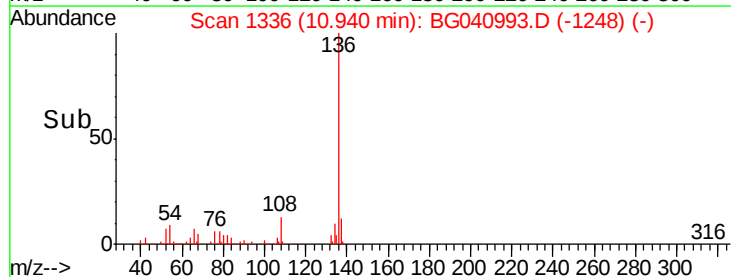
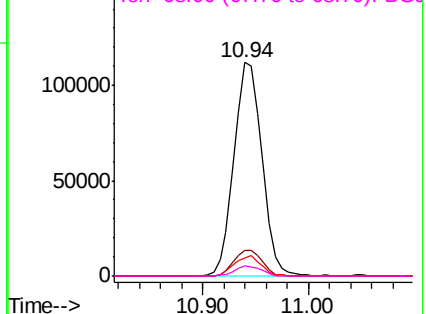
137 12.0 9.5 14.3

54 8.7 7.6 11.4

68 4.9 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

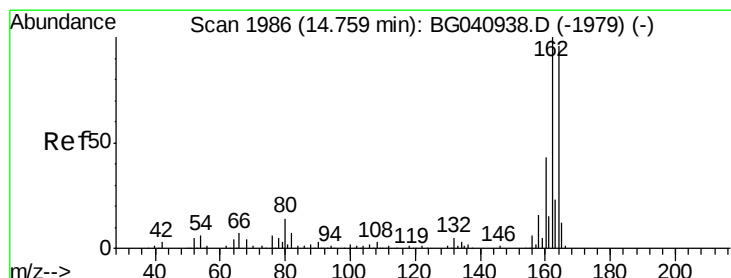
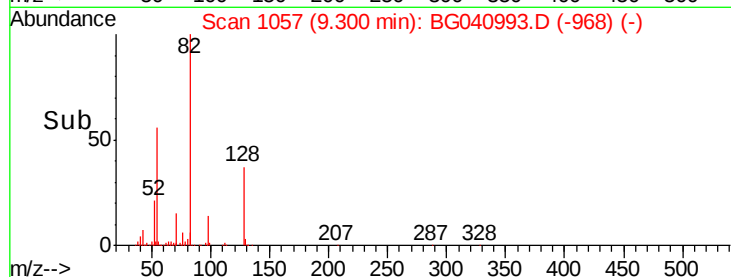
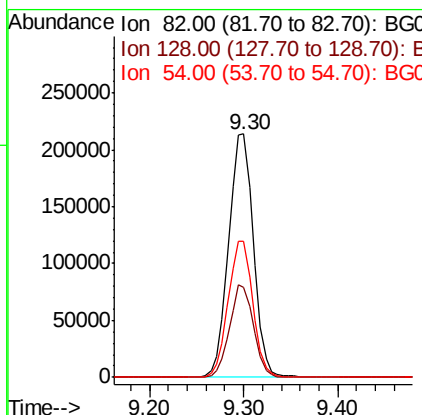
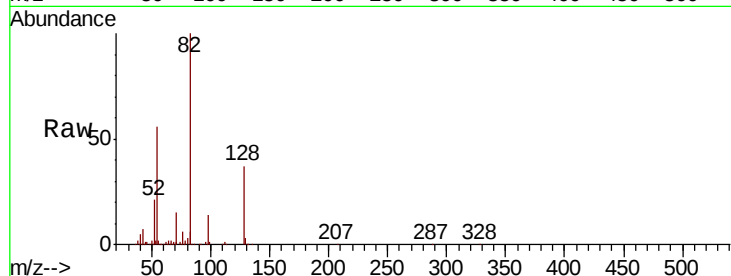




#23
 Nitrobenzene-d5
 Concen: 84.983 ng
 RT: 9.30 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BG040993.D
 Acq: 1 Jun 2019 2:13

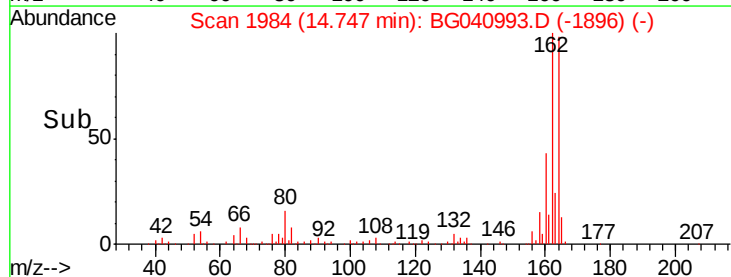
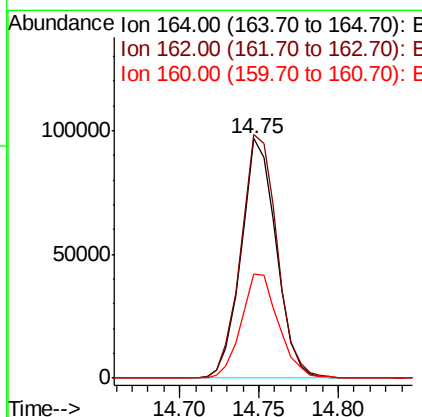
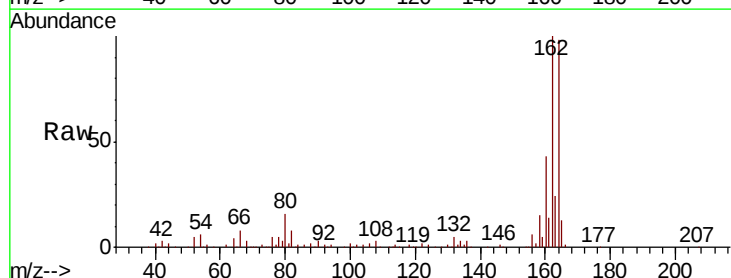
Instrument :
 BNA_G
 ClientSampled :
 PB120082BL

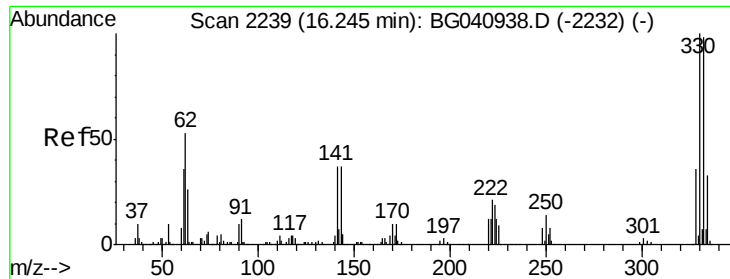
Tot Ion	82	Resp	393568
Ion Ratio	Lower	Upper	
82	100		
128	37.2	30.5	45.7
54	55.7	44.6	66.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.75 min Scan# 1984
 Delta R.T. -0.01 min
 Lab File: BG040993.D
 Acq: 1 Jun 2019 2:13

Tgt Ion	164	Resp	148686
Ion Ratio	Lower	Upper	
164	100		
162	101.7	83.0	124.4
160	43.4	35.6	53.4

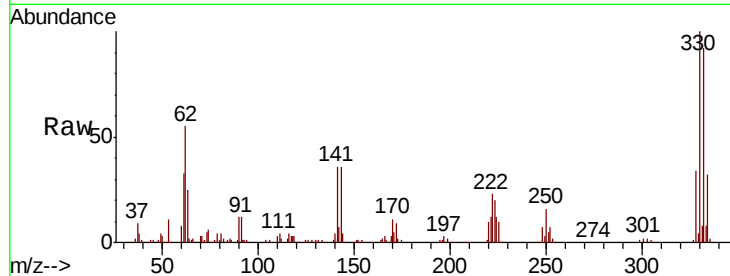




#42
 2,4,6-Tribromophenol
 Concen: 81.622 ng
 RT: 16.23 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BG040993.D
 Acq: 1 Jun 2019 2:13

Instrument :
 BNA_G
 ClientSampleId :
 PB120082BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	78.5	117.7
141	36.0	28.7	43.1

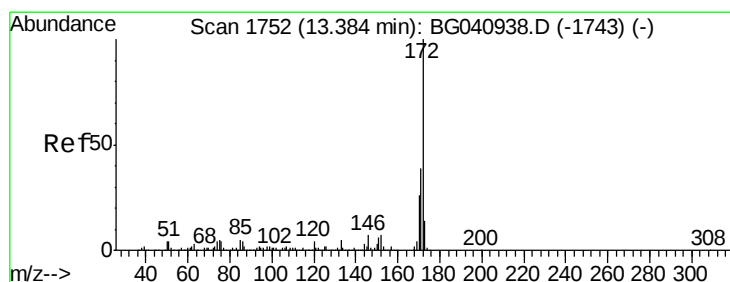
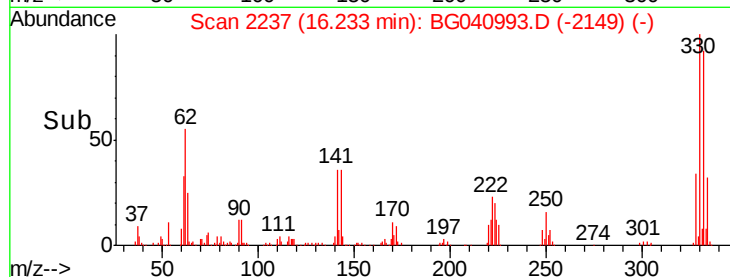
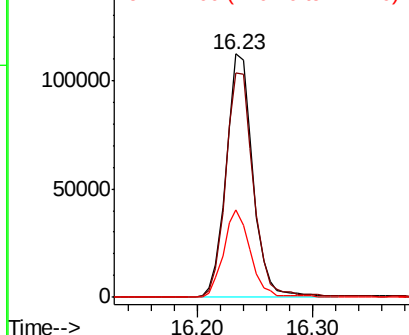


Abundance

Ion 329.80 (329.50 to 330.50): E

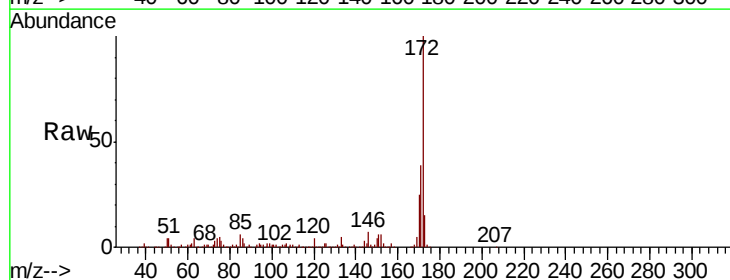
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 89.418 ng
 RT: 13.37 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BG040993.D
 Acq: 1 Jun 2019 2:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.1	46.7
170	24.8	20.5	30.7

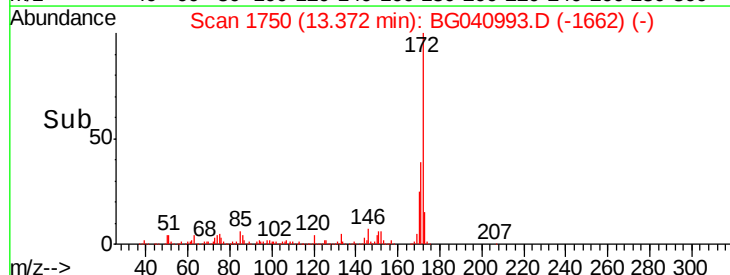
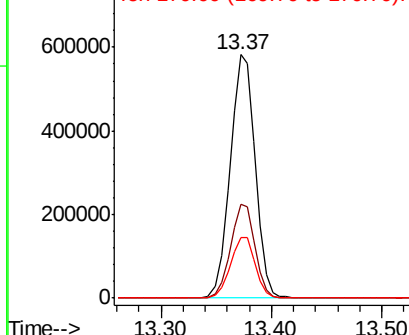


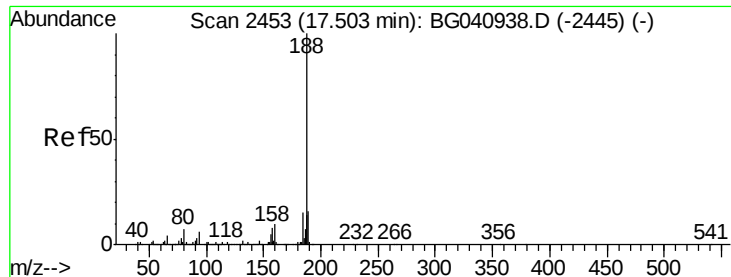
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BG040993.D

Acq: 1 Jun 2019 2:13

Instrument :

BNA_G

ClientSampleId :

PB120082BL

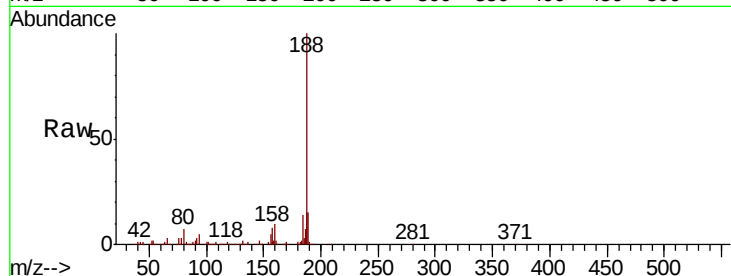
Tot Ion:188 Resp: 391427

Ion Ratio Lower Upper

188 100

94 5.1 4.7 7.1

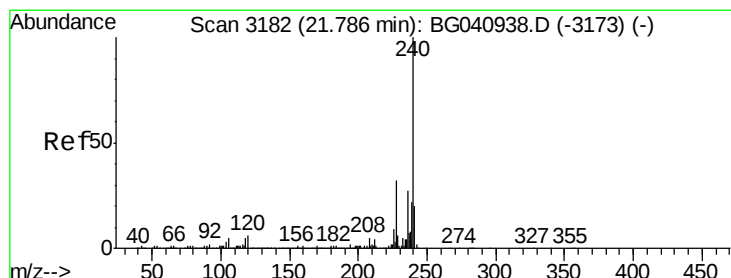
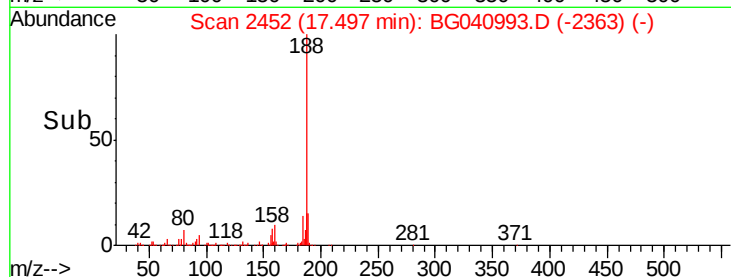
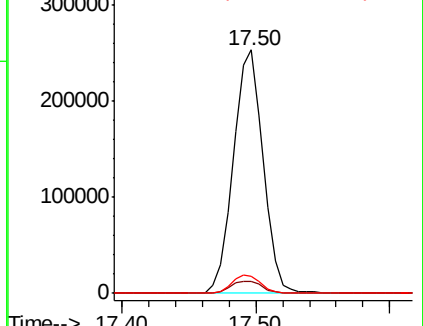
80 6.8 5.8 8.8



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3180

Delta R.T. -0.01 min

Lab File: BG040993.D

Acq: 1 Jun 2019 2:13

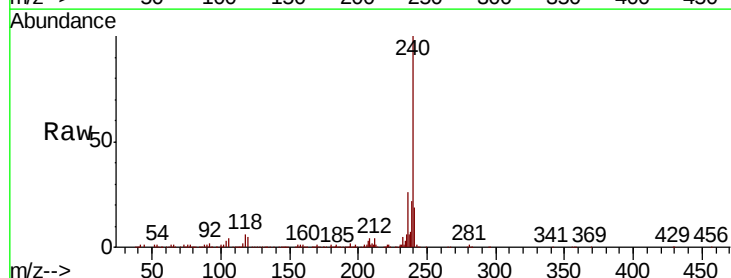
Tgt Ion:240 Resp: 405792

Ion Ratio Lower Upper

240 100

120 5.2 4.5 6.7

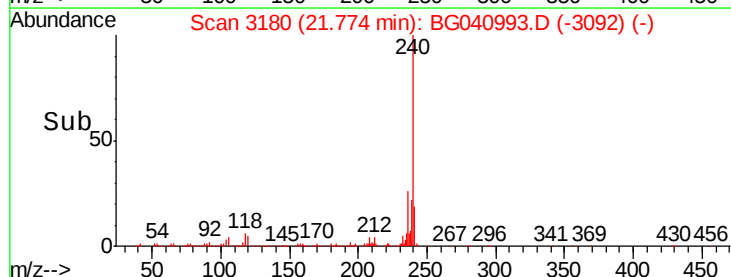
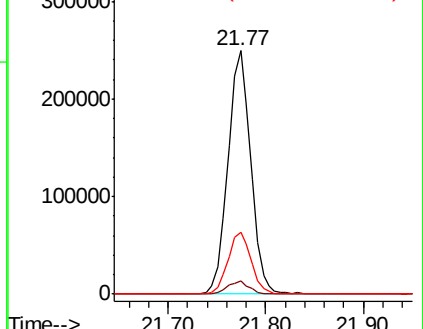
236 25.6 21.3 31.9

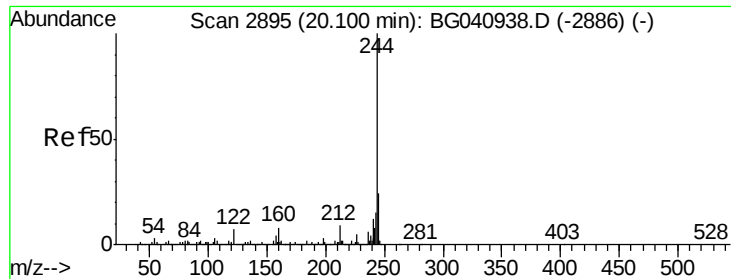


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 81.854 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG040993.D

Acq: 1 Jun 2019 2:13

Instrument :

BNA_G

ClientSampleId :

PB120082BL

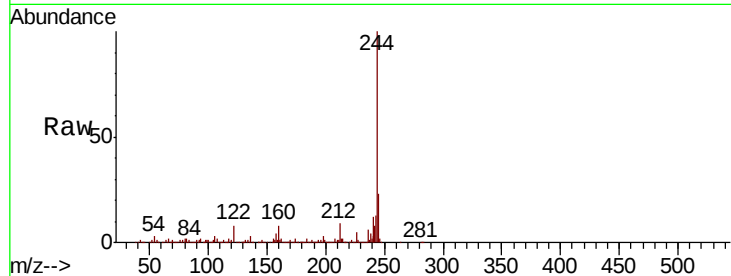
Tot Ion:244 Resp: 1565040

Ion Ratio Lower Upper

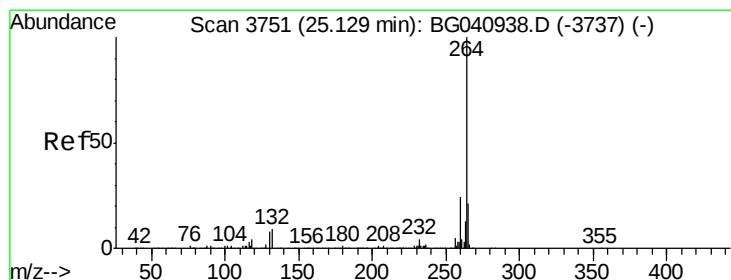
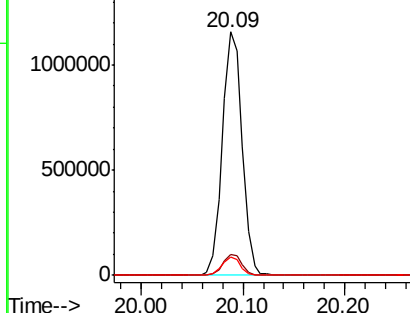
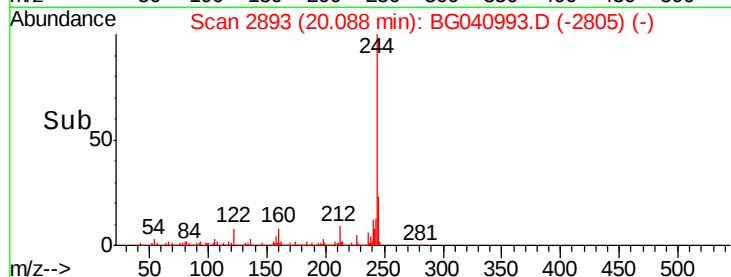
244 100

212 8.6 7.0 10.4

122 7.7 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: 25.11 min Scan# 3748

Delta R.T. -0.02 min

Lab File: BG040993.D

Acq: 1 Jun 2019 2:13

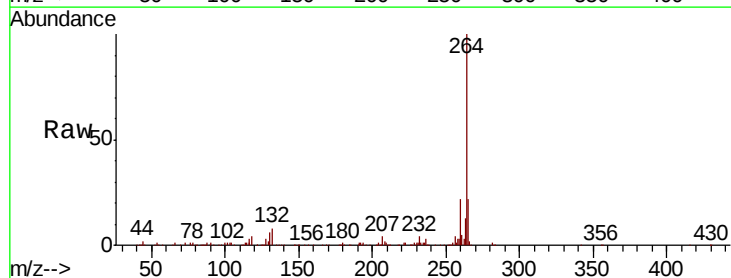
Tgt Ion:264 Resp: 419240

Ion Ratio Lower Upper

264 100

260 22.0 19.0 28.4

265 21.9 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

