

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042619\
 Data File : BG040633.D
 Acq On : 26 Apr 2019 17:28
 Operator : JU/SJ
 Sample : K2566-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S37-0012

Quant Time: Apr 27 03:56:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	56915	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	250043	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	190337	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	482528	20.00	ng	0.00
76) Chrysene-d12	21.82	240	478222	20.00	ng	0.00
87) Perylene-d12	25.19	264	501157	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	153475	47.53	ng	0.00
7) Phenol-d6	7.29	99	136562	27.47	ng	0.00
23) Nitrobenzene-d5	9.34	82	415994	76.87	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	297288	113.63	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	901915	68.43	ng	0.00
79) Terphenyl-d14	20.13	244	1664491	77.11	ng	0.00

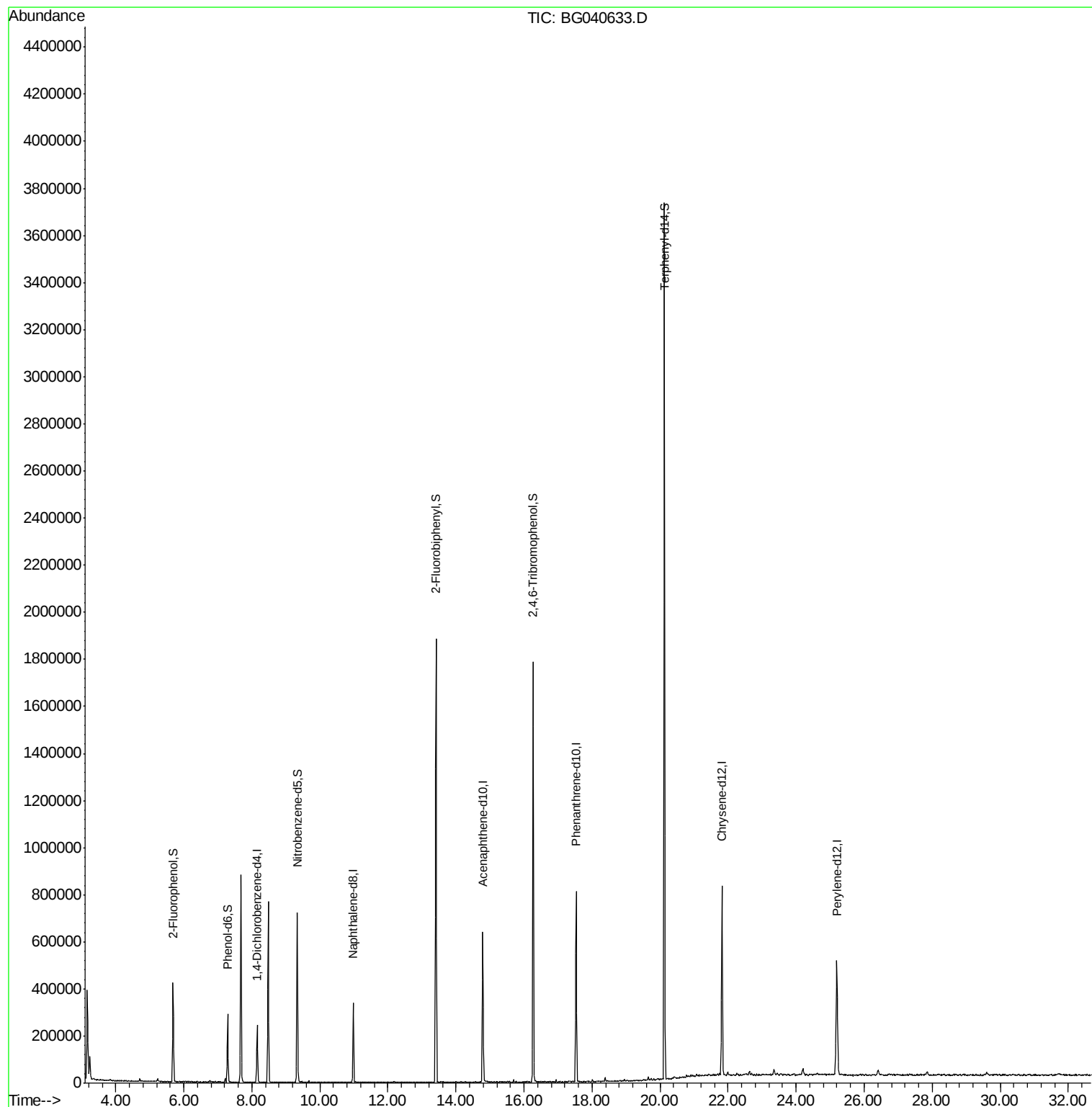
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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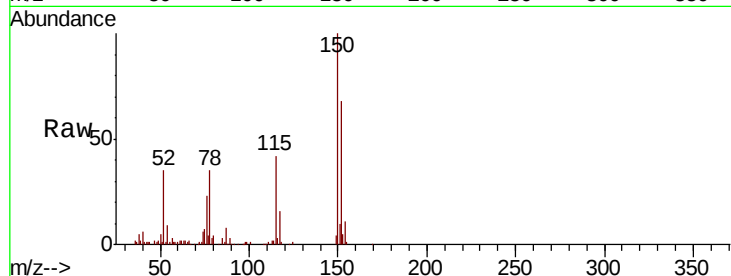


#1

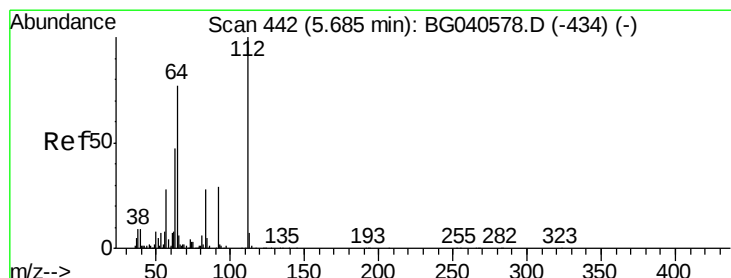
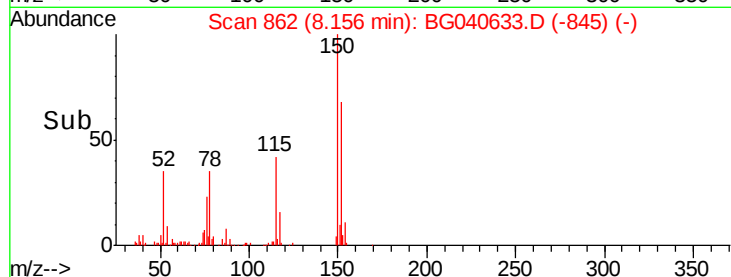
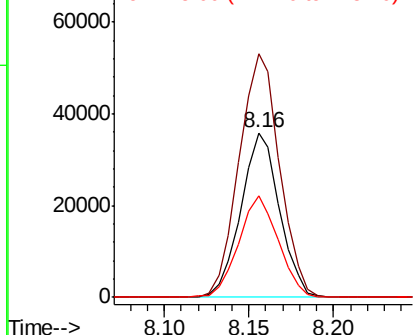
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: BG040633.D
Acq: 26 Apr 2019 17:28

Instrument :
BNA_G
ClientSampleId :
S37-0012

Tgt Ion:152 Resp: 56915
Ion Ratio Lower Upper
152 100
150 147.8 120.2 180.2
115 61.6 46.2 69.2



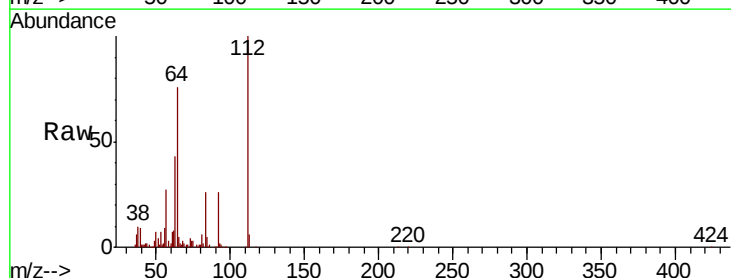
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



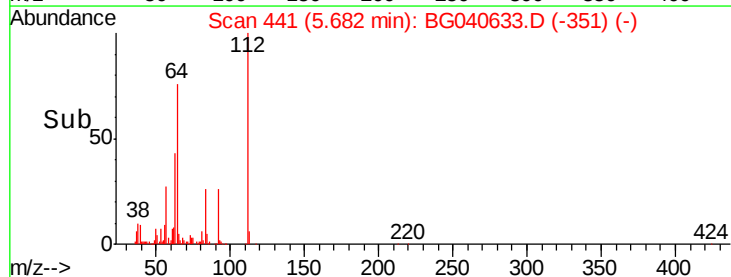
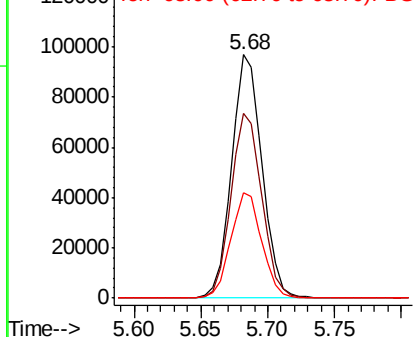
#5

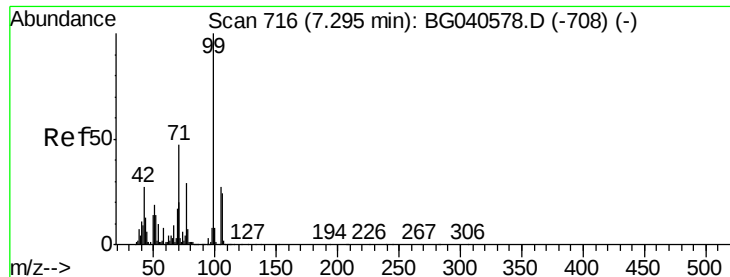
2-Fluorophenol
Concen: 47.534 ng
RT: 5.68 min Scan# 441
Delta R.T. -0.00 min
Lab File: BG040633.D
Acq: 26 Apr 2019 17:28

Tgt Ion:112 Resp: 153475
Ion Ratio Lower Upper
112 100
64 75.9 61.4 92.0
63 43.3 37.8 56.6



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: 27.470 ng

RT: 7.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040633.D

Acq: 26 Apr 2019 17:28

Instrument :

BNA_G

ClientSampled :

S37-0012

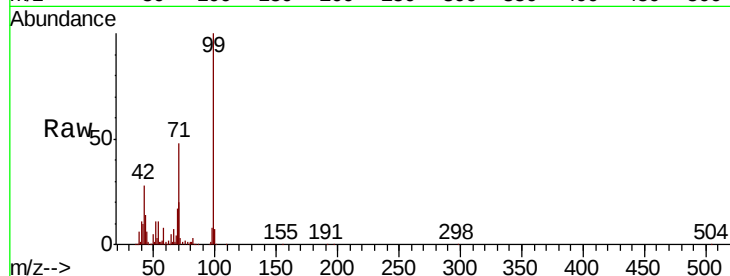
Tgt Ion: 99 Resp: 136562

Ion Ratio Lower Upper

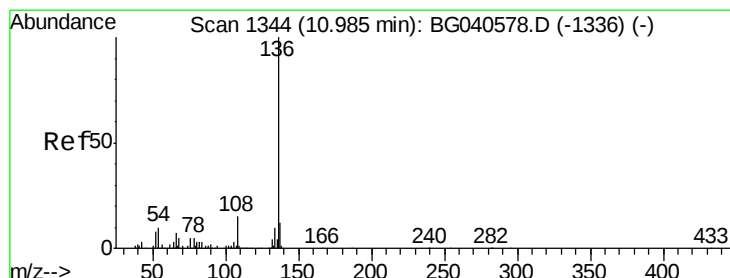
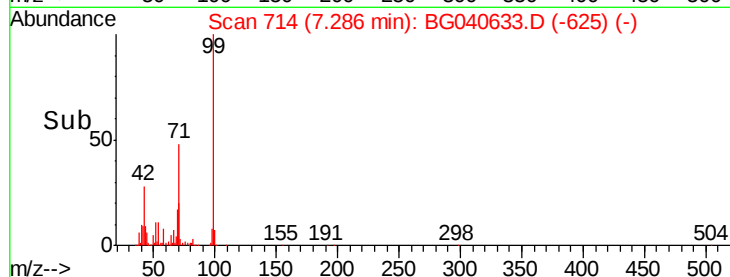
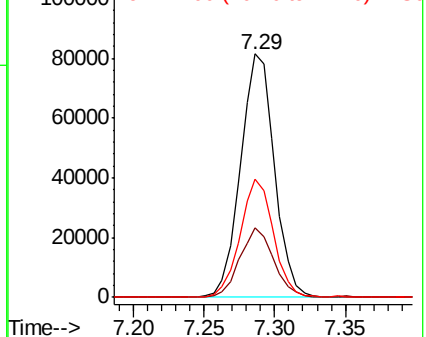
99 100

42 28.3 21.8 32.8

71 48.4 38.6 57.8



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: 10.98 min Scan# 1343

Delta R.T. -0.00 min

Lab File: BG040633.D

Acq: 26 Apr 2019 17:28

Tgt Ion: 136 Resp: 250043

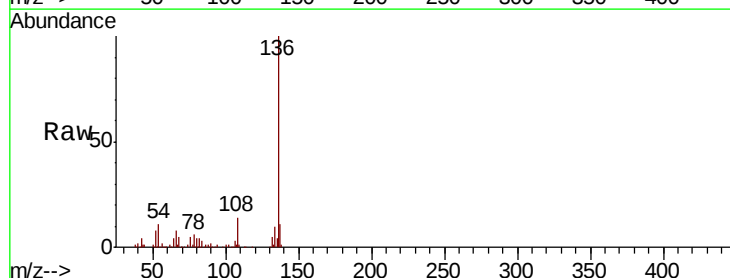
Ion Ratio Lower Upper

136 100

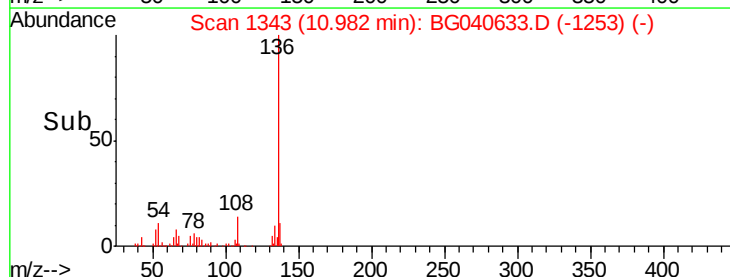
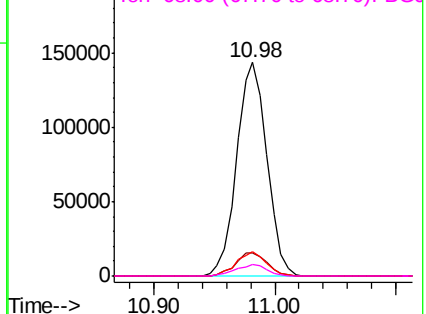
137 10.9 9.7 14.5

54 11.3 8.6 12.8

68 5.5 4.8 7.2



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

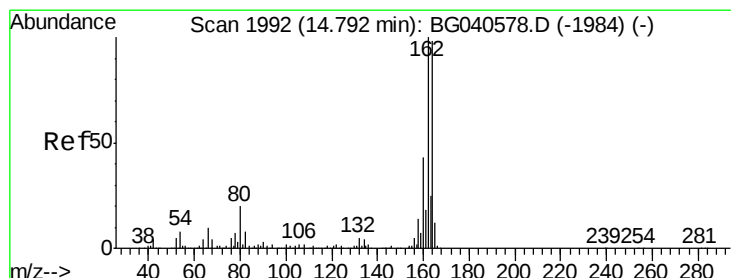
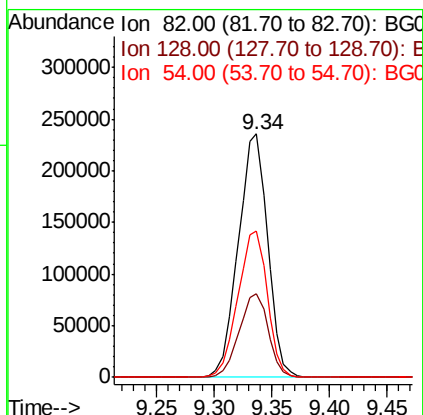
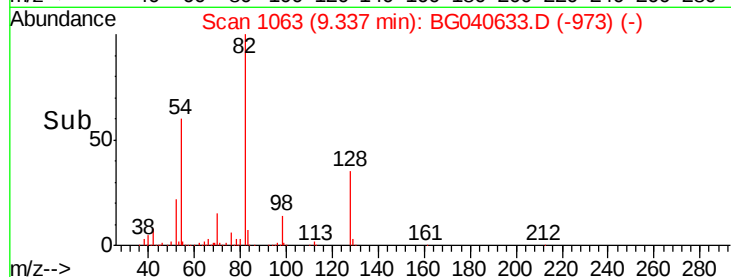
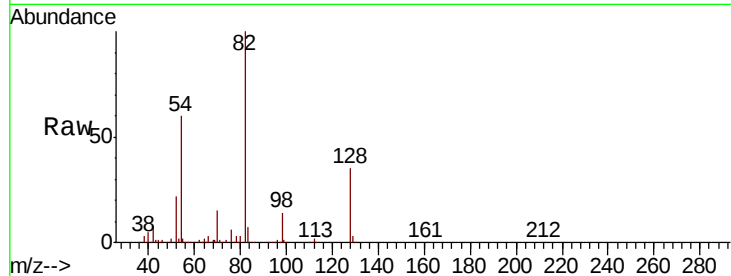




#23
Nitrobenzene-d5
Concen: 76.873 ng
RT: 9.34 min Scan# 1063
Delta R.T. -0.00 min
Lab File: BG040633.D
Acq: 26 Apr 2019 17:28

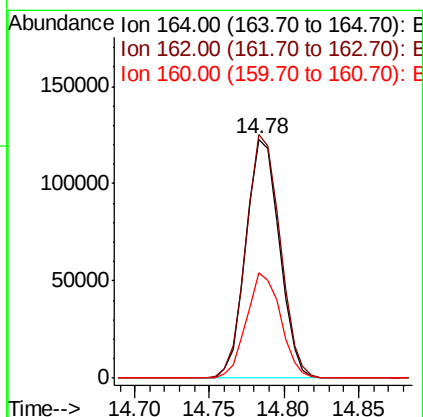
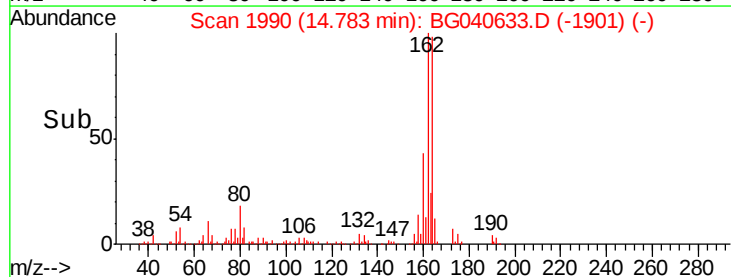
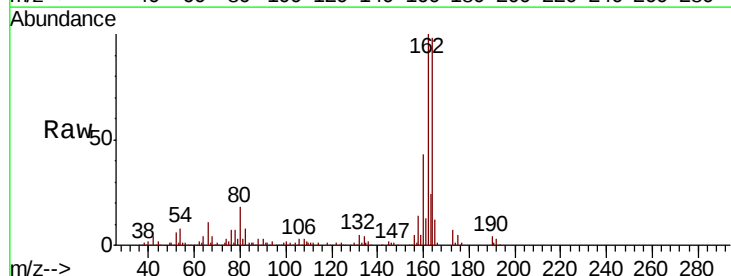
Instrument :
BNA_G
ClientSampleId :
S37-0012

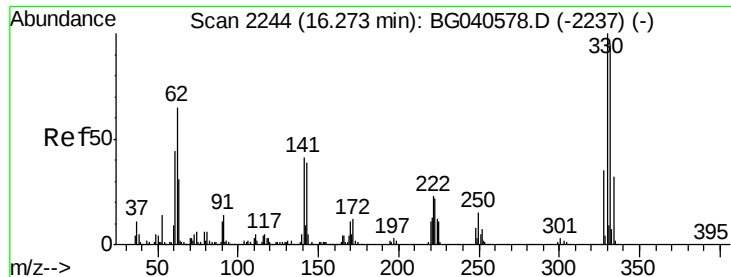
Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.5	28.9	43.3
54	60.1	47.2	70.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG040633.D
Acq: 26 Apr 2019 17:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.9	122.9
160	44.2	35.4	53.2

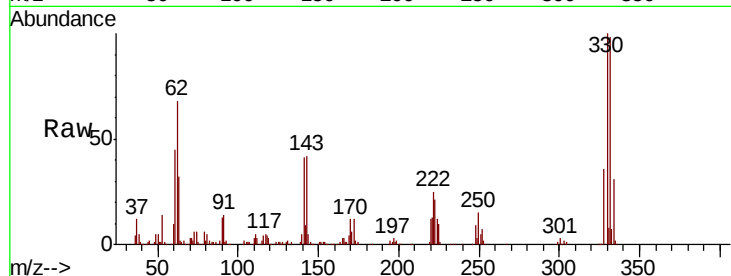




#42
 2,4,6-Tribromophenol
 Concen: 113.632 ng
 RT: 16.27 min Scan# 2243
 Delta R.T. -0.00 min
 Lab File: BG040633.D
 Acq: 26 Apr 2019 17:28

Instrument :
 BNA_G
 ClientSampled :
 S37-0012

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	75.9	113.9
141	40.8	32.4	48.6

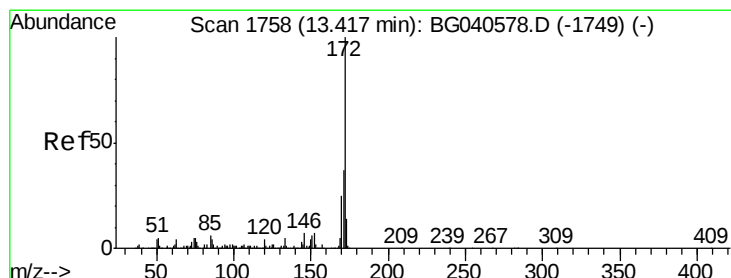
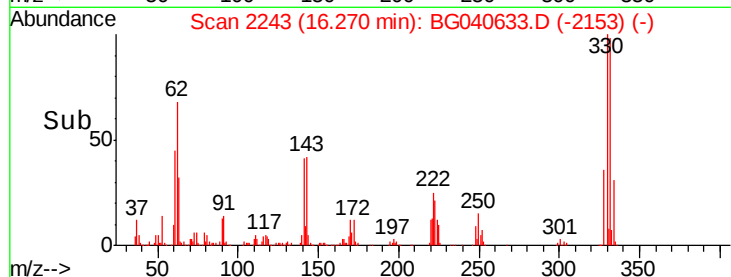
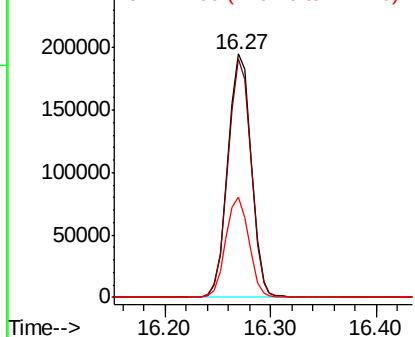


Abundance

Ion 329.80 (329.50 to 330.50): E

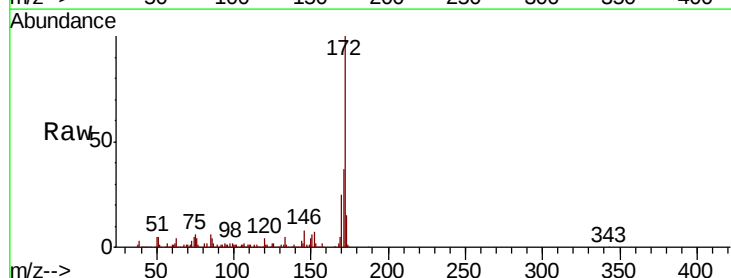
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 68.434 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: BG040633.D
 Acq: 26 Apr 2019 17:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.2
170	25.0	19.9	29.9

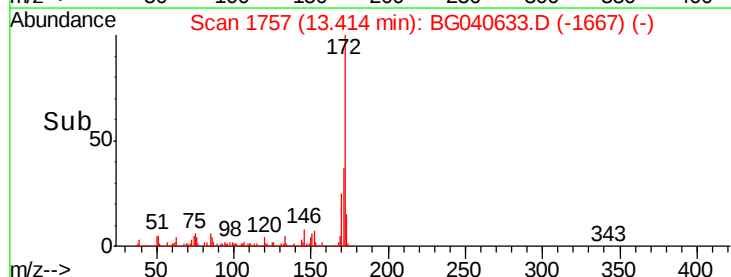
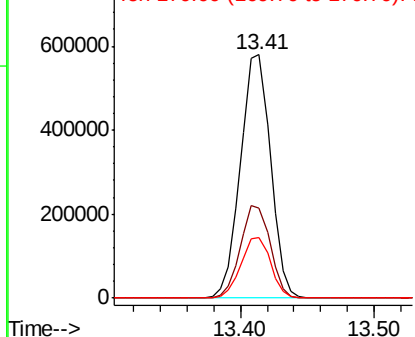


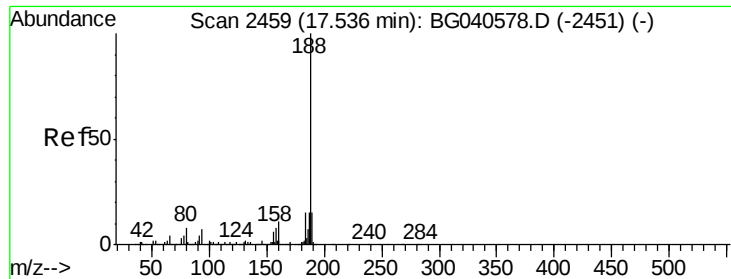
Abundance

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: 17.53 min Scan# 2458

Delta R.T. -0.00 min

Lab File: BG040633.D

Acq: 26 Apr 2019 17:28

Instrument :

BNA_G

ClientSampleId :

S37-0012

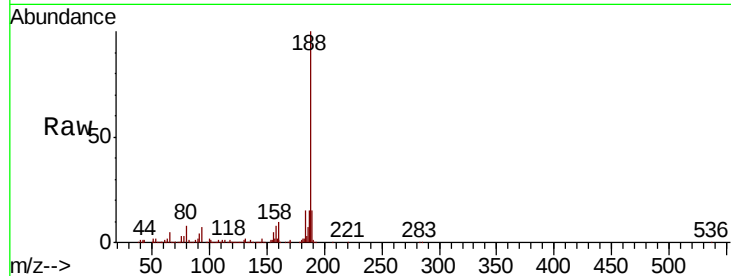
Tgt Ion:188 Resp: 482528

Ion Ratio Lower Upper

188 100

94 6.9 5.6 8.4

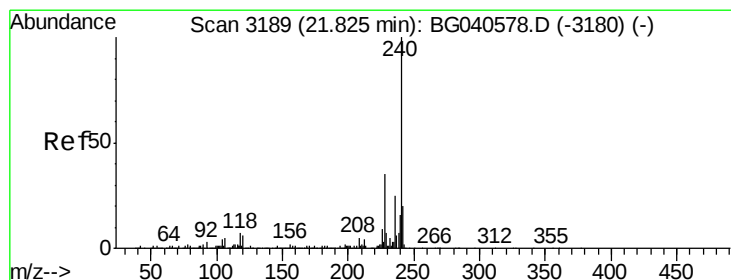
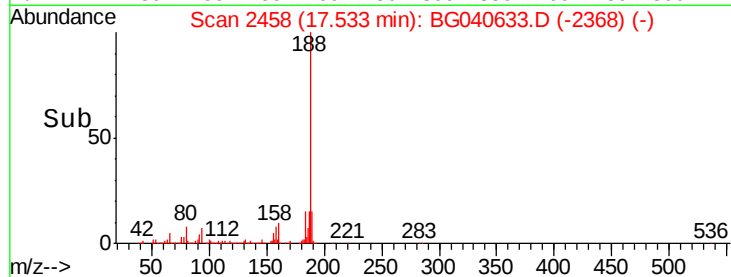
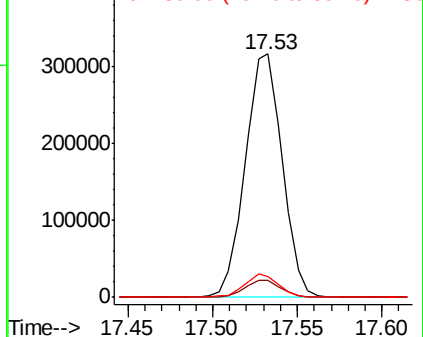
80 8.4 6.4 9.6



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: 21.82 min Scan# 3187

Delta R.T. -0.01 min

Lab File: BG040633.D

Acq: 26 Apr 2019 17:28

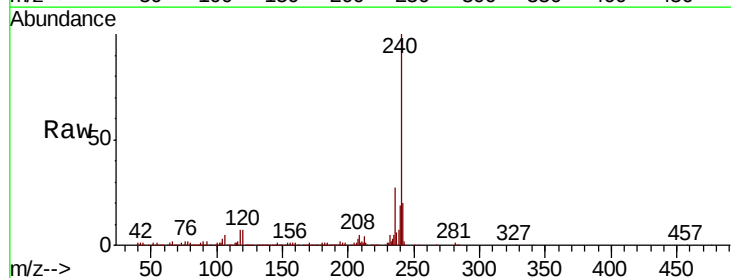
Tgt Ion:240 Resp: 478222

Ion Ratio Lower Upper

240 100

120 6.7 5.0 7.6

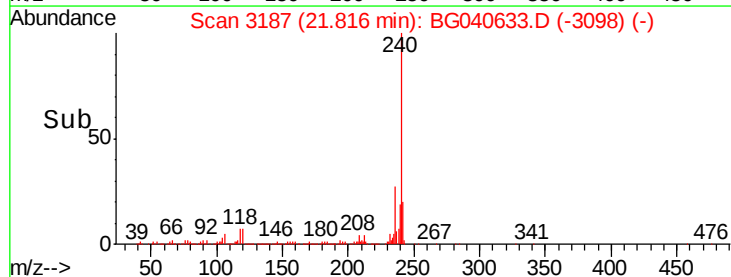
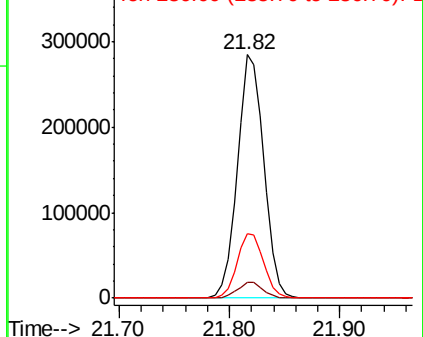
236 26.6 20.3 30.5

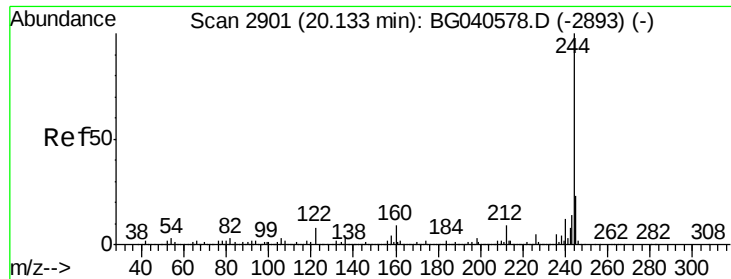


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

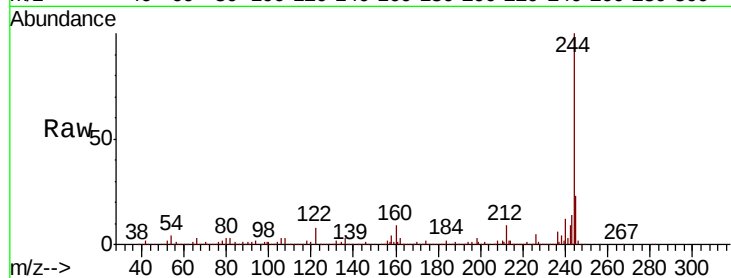




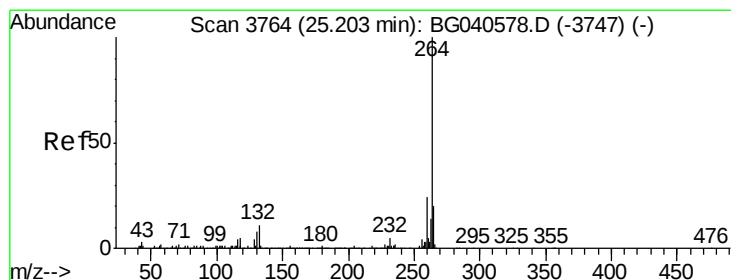
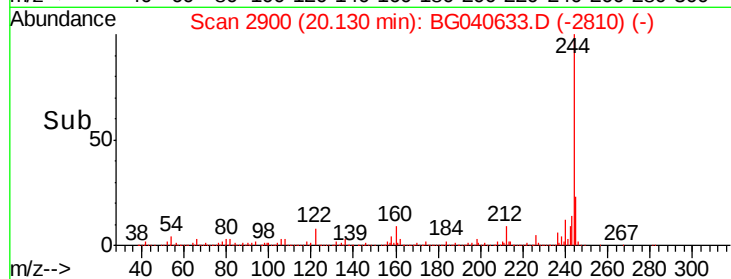
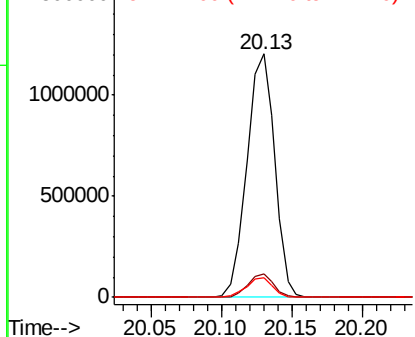
#79
 Terphenyl-d14
 Concen: 77.110 ng
 RT: 20.13 min Scan# 2900
 Delta R.T. -0.00 min
 Lab File: BG040633.D
 Acq: 26 Apr 2019 17:28

Instrument :
 BNA_G
 ClientSampleId :
 S37-0012

Tgt Ion:244 Resp: 1664491
 Ion Ratio Lower Upper
 244 100
 212 9.4 7.2 10.8
 122 8.0 6.6 10.0

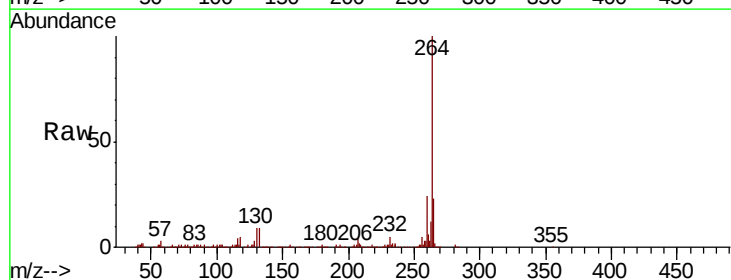


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.19 min Scan# 3762
 Delta R.T. -0.01 min
 Lab File: BG040633.D
 Acq: 26 Apr 2019 17:28

Tgt Ion:264 Resp: 501157
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 22.9 16.6 25.0



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

