

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042519\
 Data File : BG040620.D
 Acq On : 25 Apr 2019 21:09
 Operator : JU/SJ
 Sample : K2566-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S37-0014

Quant Time: Apr 26 03:51:00 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	48328	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	205370	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	153852	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	408610	20.00	ng	0.00
76) Chrysene-d12	21.81	240	425367	20.00	ng	-0.01
87) Perylene-d12	25.19	264	445286	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	132669	48.39	ng	0.00
7) Phenol-d6	7.29	99	119924	28.41	ng	0.00
23) Nitrobenzene-d5	9.33	82	347093	78.09	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	244661	115.69	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	758361	71.19	ng	0.00
79) Terphenyl-d14	20.13	244	1526219	79.49	ng	0.00

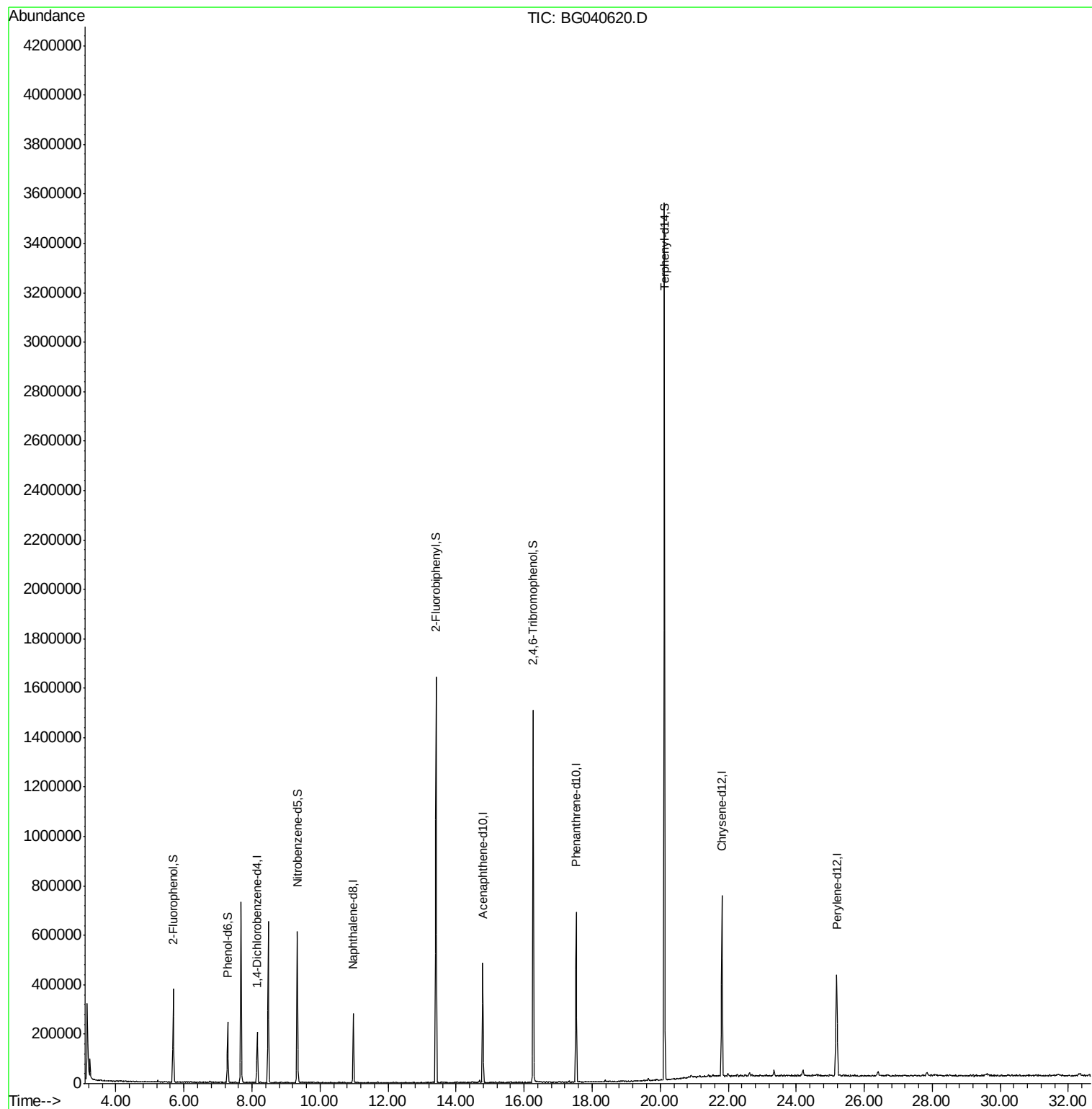
Target Compounds Qvalue

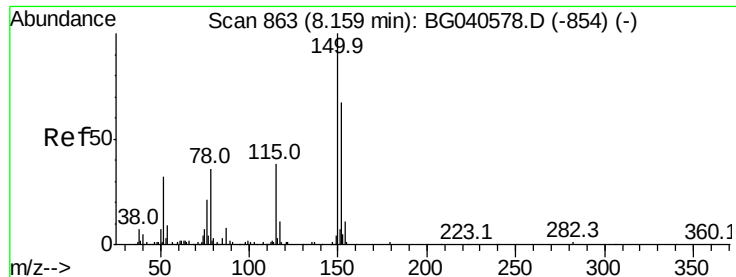
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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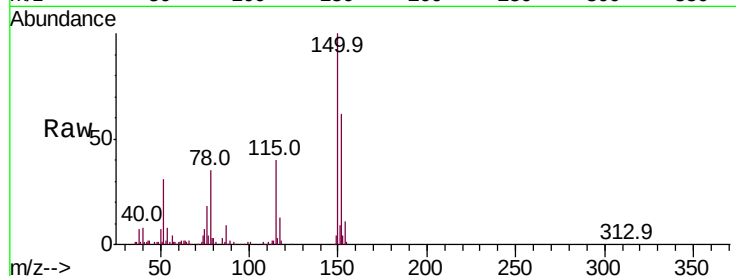


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BG040620.D
Acq: 25 Apr 2019 21:09

Instrument :
BNA_G
ClientSampleId :
S37-0014

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.2	120.2	180.2
115	65.1	46.2	69.2

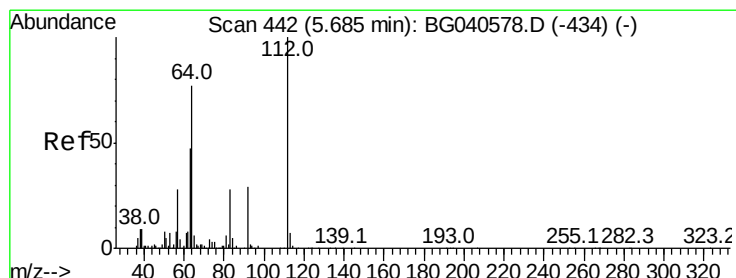
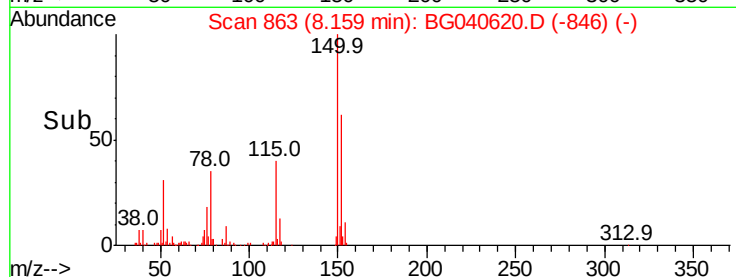
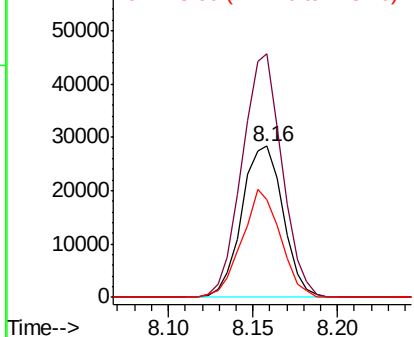


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

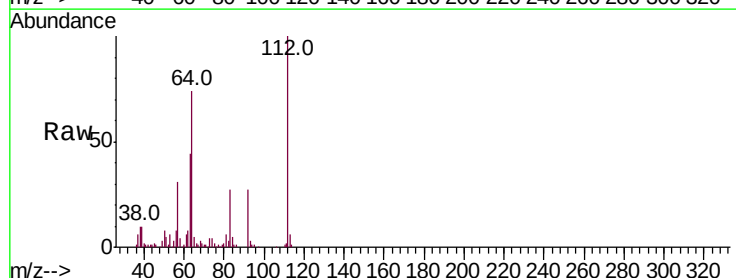
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 48.391 ng
RT: 5.68 min Scan# 442
Delta R.T. 0.00 min
Lab File: BG040620.D
Acq: 25 Apr 2019 21:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.0	61.4	92.0
63	44.4	37.8	56.6

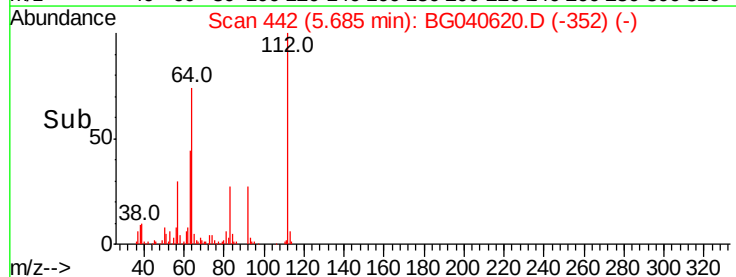
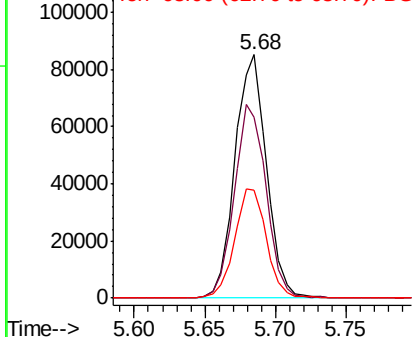


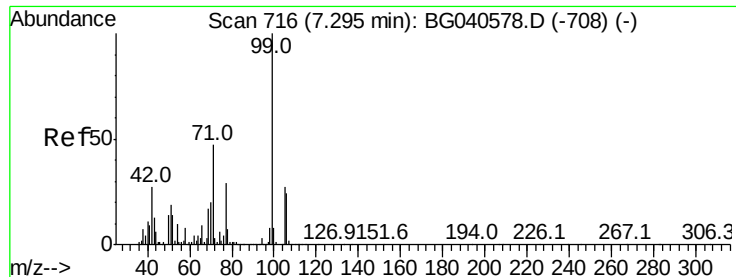
Abundance

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: 28.409 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG040620.D

Acq: 25 Apr 2019 21:09

Instrument :

BNA_G

ClientSampleId :

S37-0014

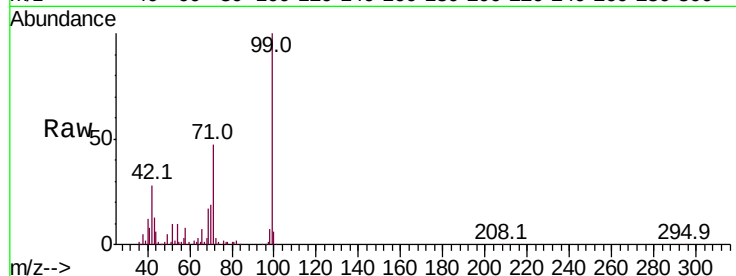
Tot Ion: 99 Resp: 119924

Ion Ratio Lower Upper

99 100

42 27.6 21.8 32.8

71 46.7 38.6 57.8

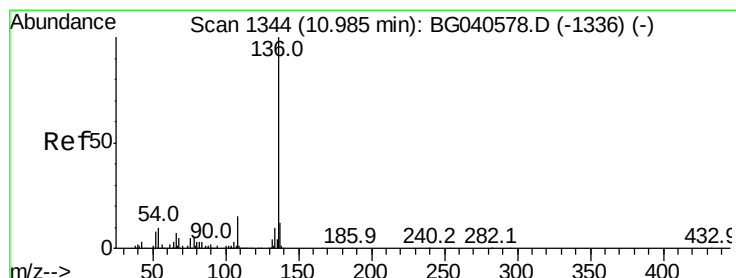
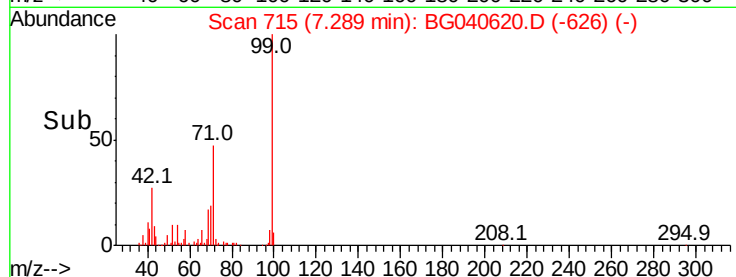
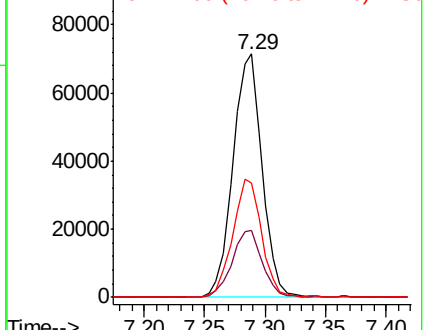


Abundance

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. -0.01 min

Lab File: BG040620.D

Acq: 25 Apr 2019 21:09

Tgt Ion: 136 Resp: 205370

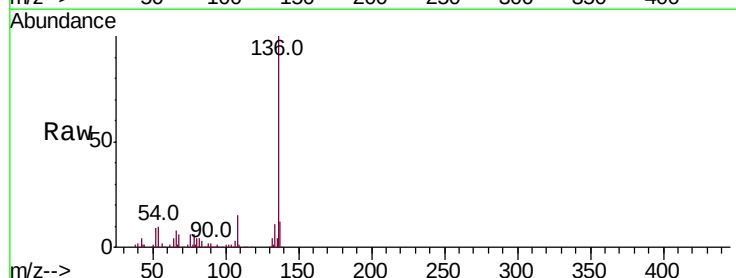
Ion Ratio Lower Upper

136 100

137 12.0 9.7 14.5

54 10.3 8.6 12.8

68 6.4 4.8 7.2



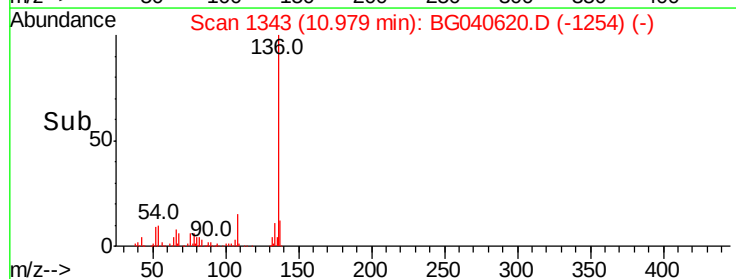
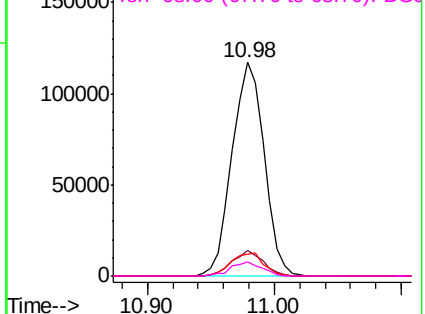
Abundance

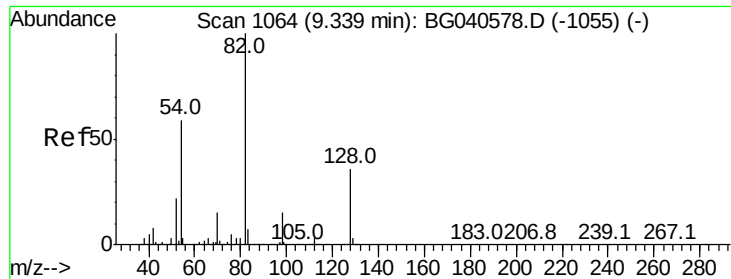
Ion 136.00 (135.70 to 136.70): BGC

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

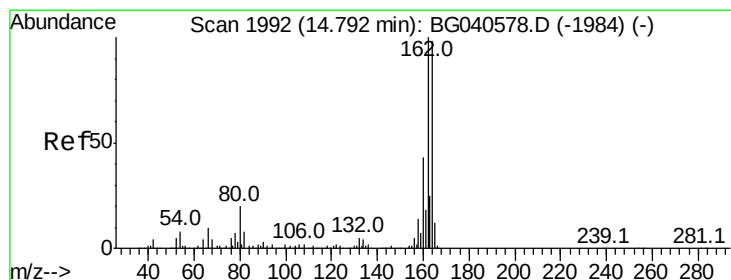
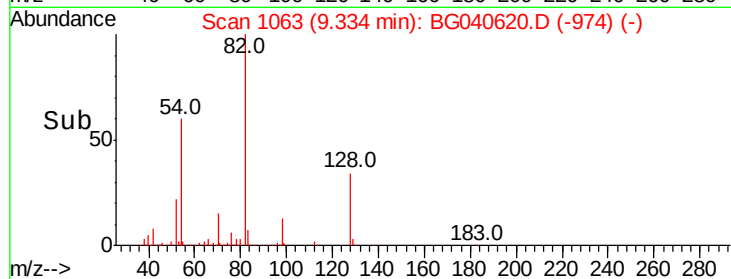
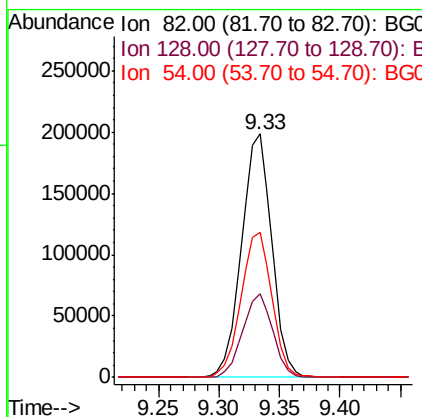
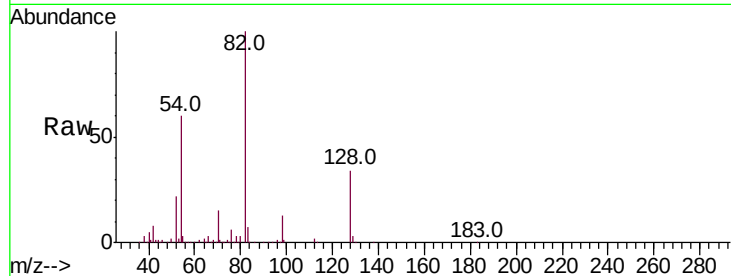




#23
 Nitrobenzene-d5
 Concen: 78.093 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG040620.D
 Acq: 25 Apr 2019 21:09

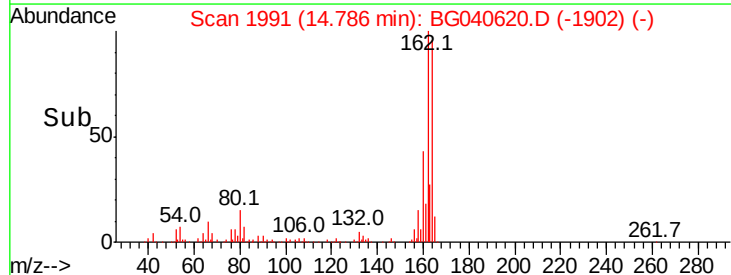
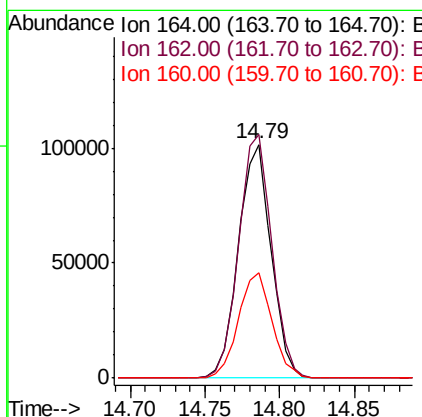
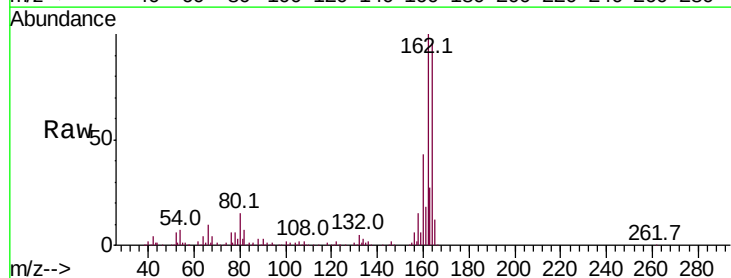
Instrument :
 BNA_G
 ClientSampleId :
 S37-0014

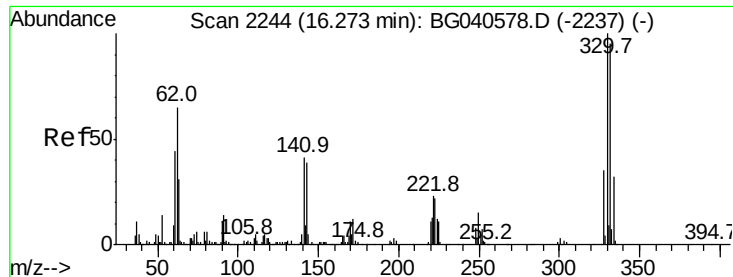
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.3	28.9	43.3
54	59.7	47.2	70.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.79 min Scan# 1991
 Delta R.T. -0.01 min
 Lab File: BG040620.D
 Acq: 25 Apr 2019 21:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	81.9	122.9
160	45.3	35.4	53.2

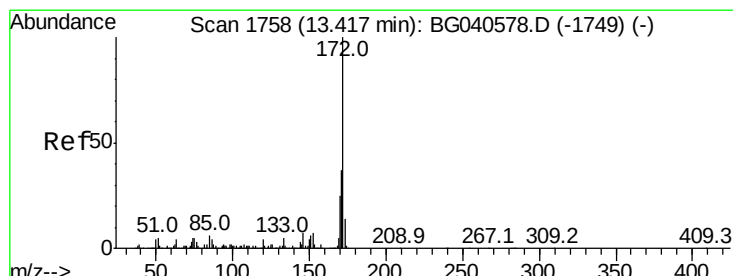
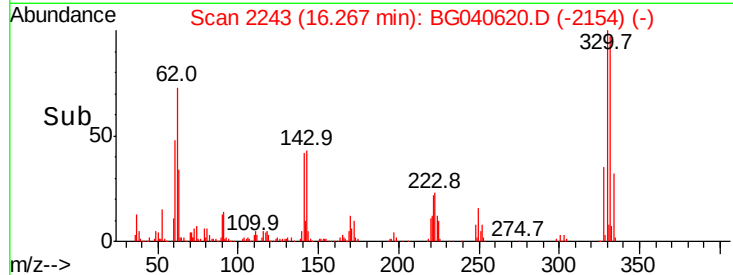
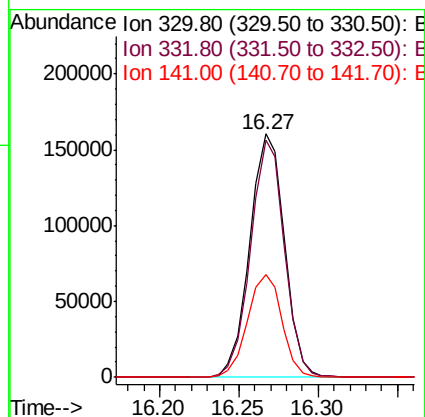
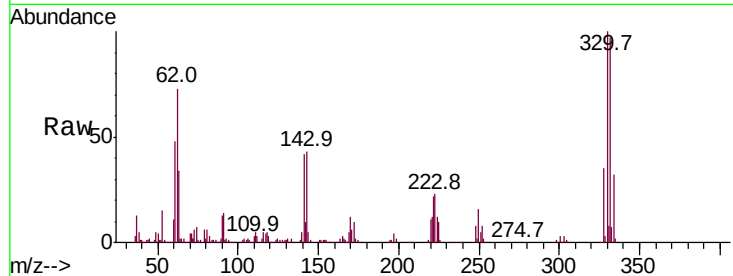




#42
 2,4,6-Tribromophenol
 Concen: 115.694 ng
 RT: 16.27 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BG040620.D
 Acq: 25 Apr 2019 21:09

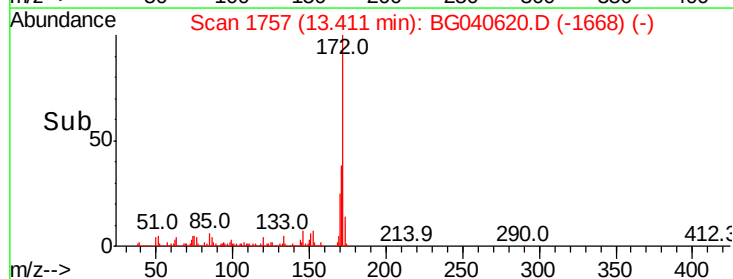
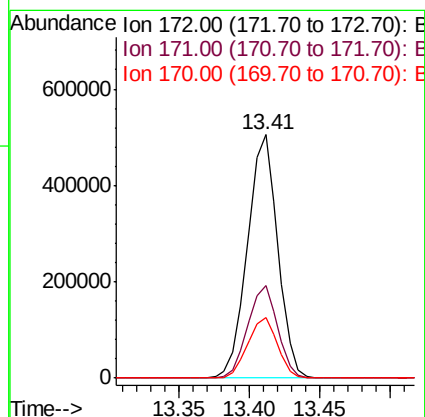
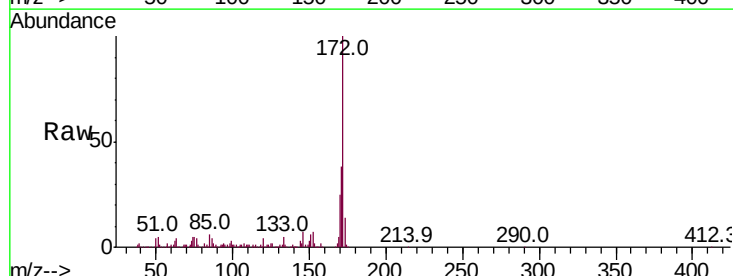
Instrument :
 BNA_G
 ClientSampleId :
 S37-0014

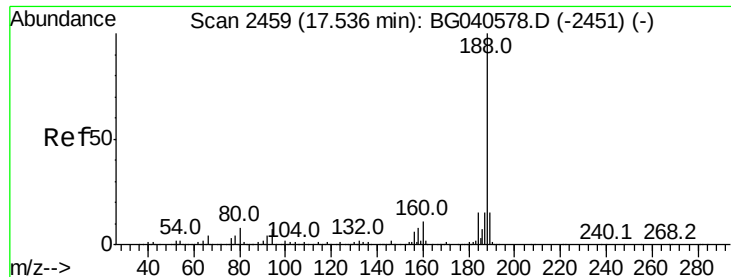
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	75.9	113.9
141	41.9	32.4	48.6



#45
 2-Fluorobiphenyl
 Concen: 71.187 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: BG040620.D
 Acq: 25 Apr 2019 21:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.4	44.2
170	25.0	19.9	29.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2458

Delta R.T. -0.01 min

Lab File: BG040620.D

Acq: 25 Apr 2019 21:09

Instrument :

BNA_G

ClientSampleId :

S37-0014

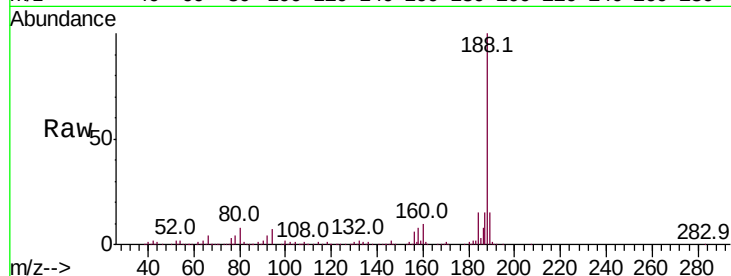
Tot Ion:188 Resp: 408610

Ion Ratio Lower Upper

188 100

94 7.0 5.6 8.4

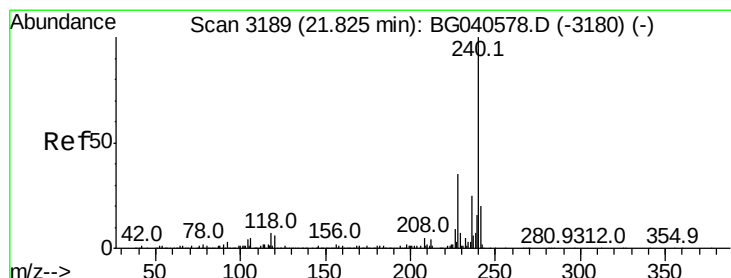
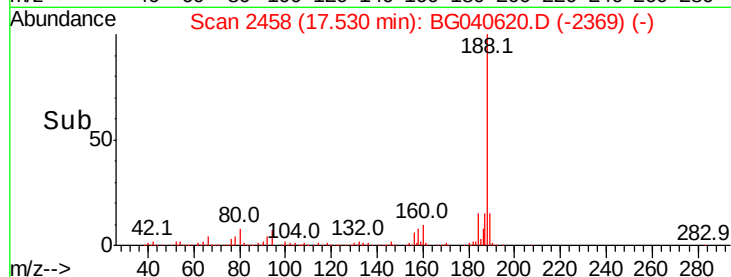
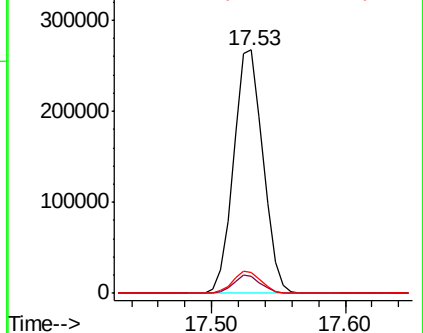
80 8.4 6.4 9.6



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: 21.81 min Scan# 3187

Delta R.T. -0.01 min

Lab File: BG040620.D

Acq: 25 Apr 2019 21:09

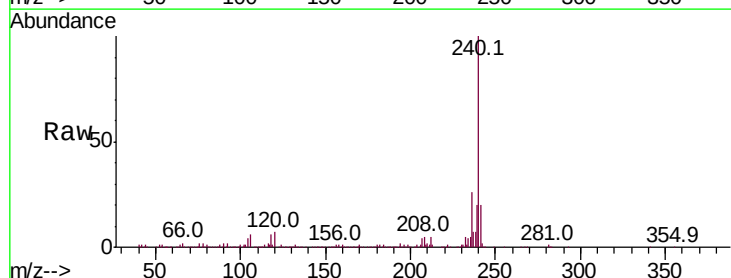
Tgt Ion:240 Resp: 425367

Ion Ratio Lower Upper

240 100

120 6.7 5.0 7.6

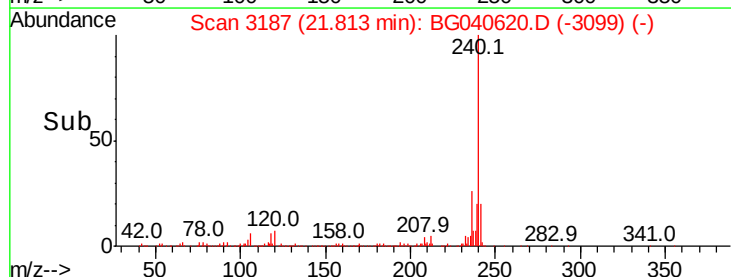
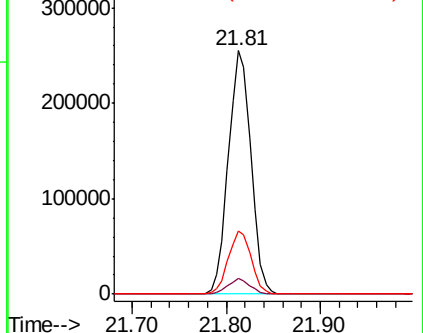
236 26.1 20.3 30.5

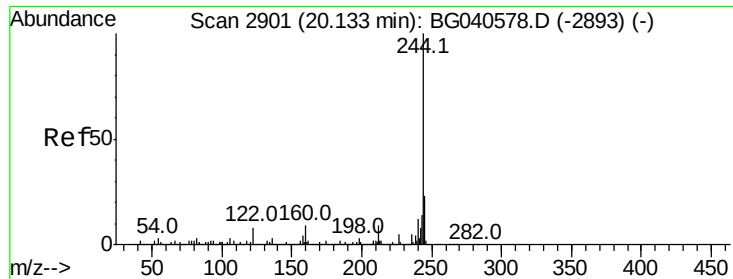


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 79.489 ng

RT: 20.13 min Scan# 2900

Delta R.T. -0.01 min

Lab File: BG040620.D

Acq: 25 Apr 2019 21:09

Instrument :

BNA_G

ClientSampleId :

S37-0014

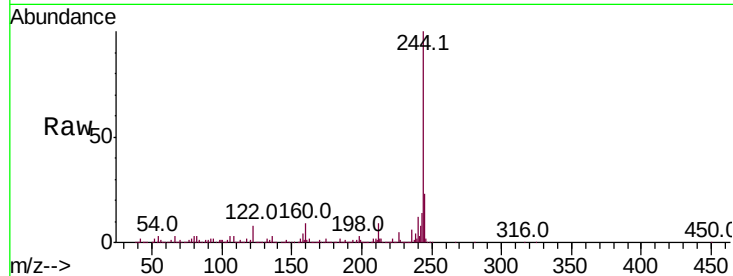
Tot Ion:244 Resp: 1526219

Ion Ratio Lower Upper

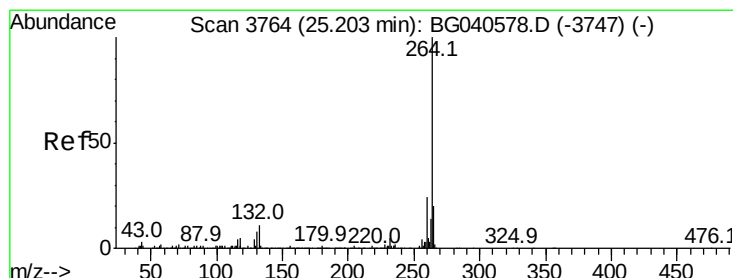
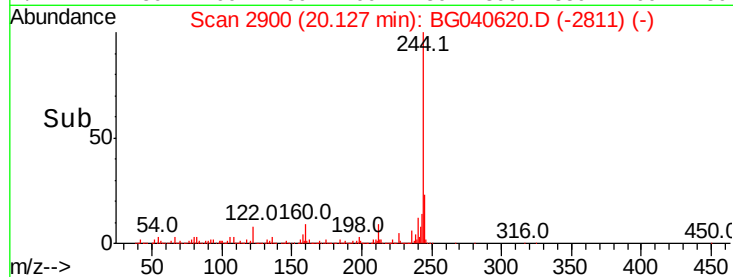
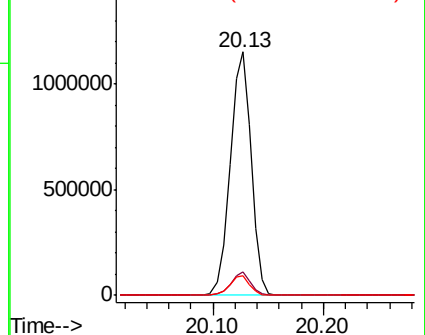
244 100

212 9.4 7.2 10.8

122 8.2 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# 3761

Delta R.T. -0.02 min

Lab File: BG040620.D

Acq: 25 Apr 2019 21:09

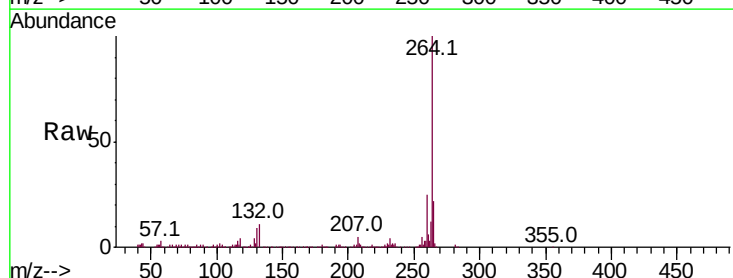
Tgt Ion:264 Resp: 445286

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 21.8 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

