

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042519\
 Data File : BG040615.D
 Acq On : 25 Apr 2019 18:00
 Operator : JU/SJ
 Sample : K2535-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S37-0018

Quant Time: Apr 26 00:51:18 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	45037	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	184041	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	136453	20.00	ng	-0.01
64) Phenanthrene-d10	17.53	188	368601	20.00	ng	0.00
76) Chrysene-d12	21.82	240	386896	20.00	ng	0.00
87) Perylene-d12	25.19	264	403831	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	160816	62.94	ng	0.00
7) Phenol-d6	7.28	99	145257	36.93	ng	-0.01
23) Nitrobenzene-d5	9.33	82	389956	97.90	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	272006	145.03	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	828076	87.64	ng	0.00
79) Terphenyl-d14	20.13	244	1706222	97.70	ng	0.00

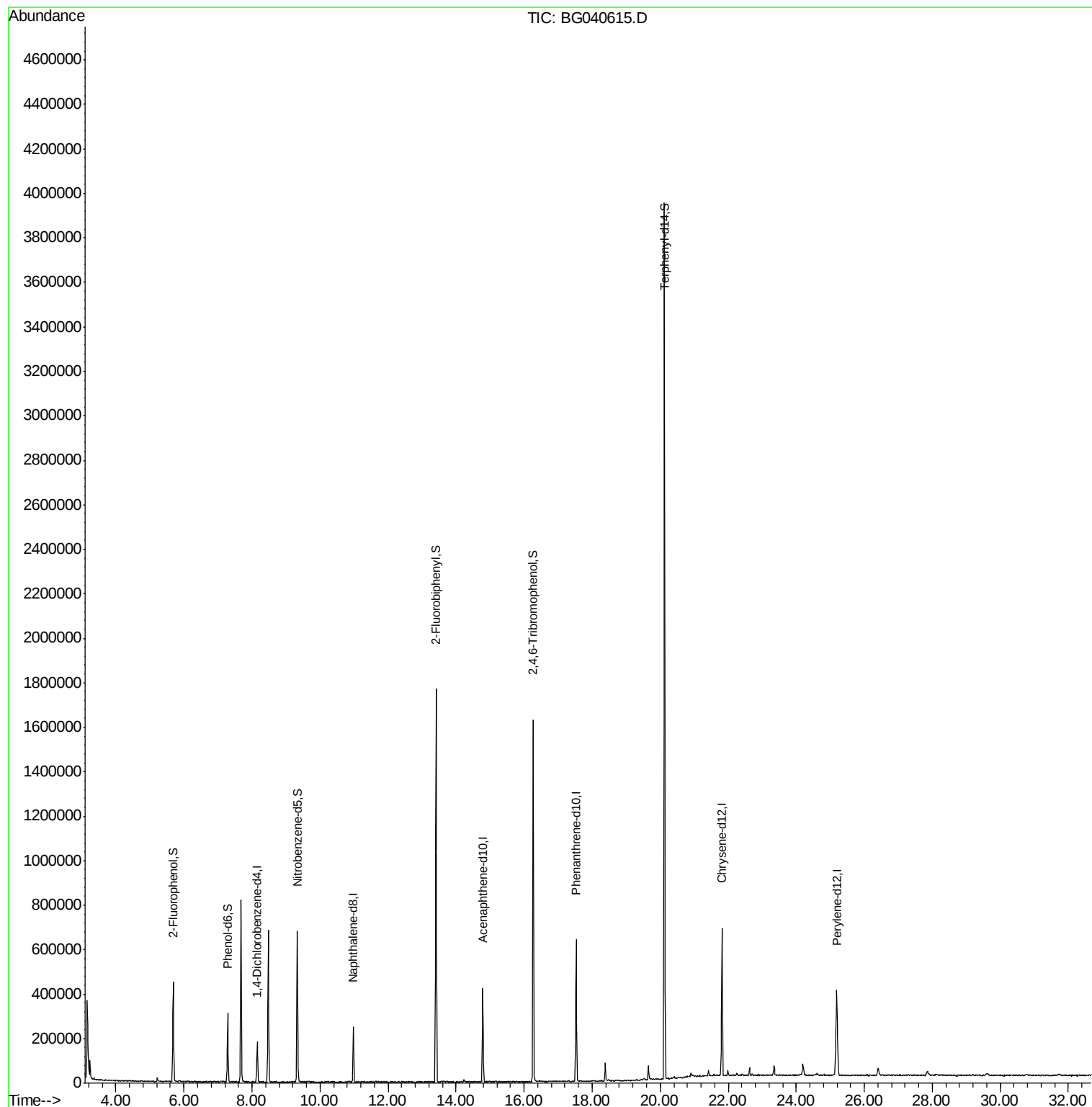
Target Compounds Qvalue

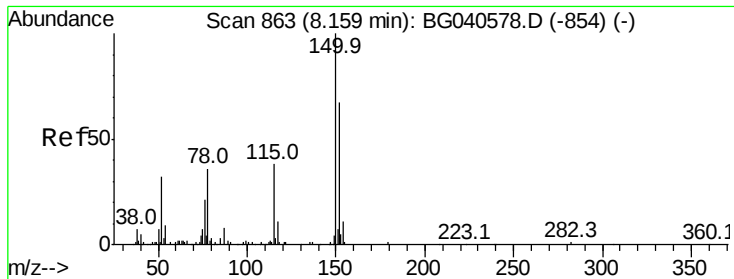
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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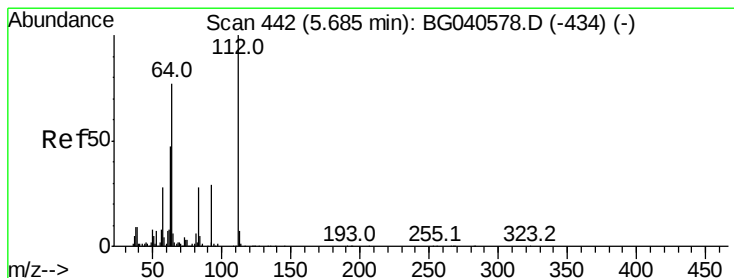
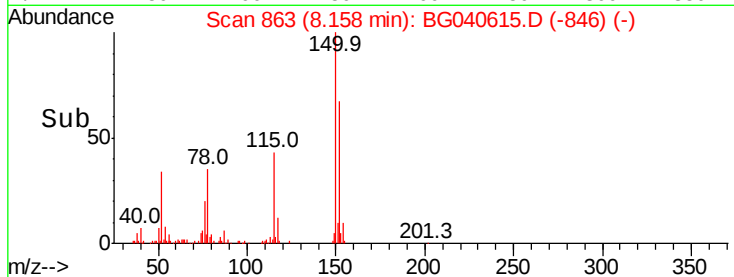
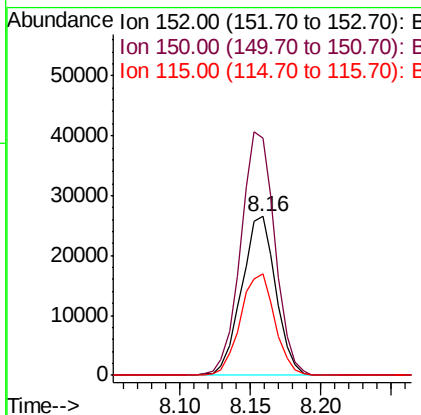
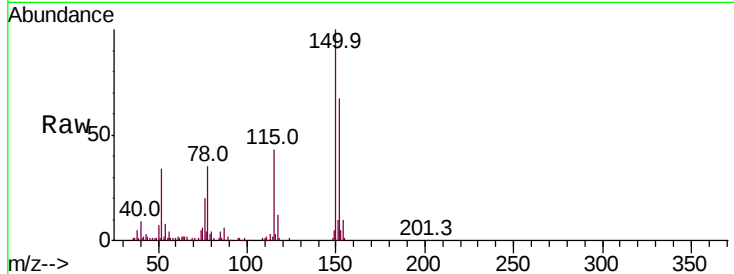


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BG040615.D
Acq: 25 Apr 2019 18:00

Instrument :
BNA_G
ClientSampleId :
S37-0018

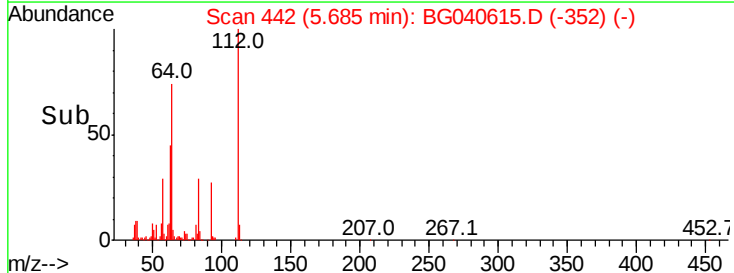
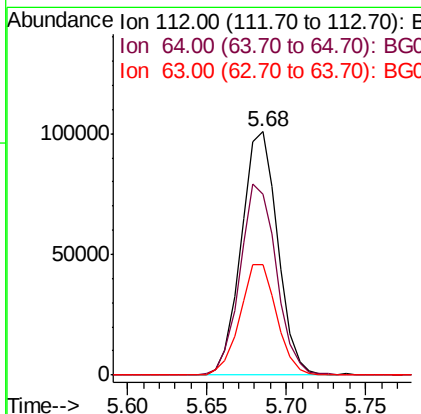
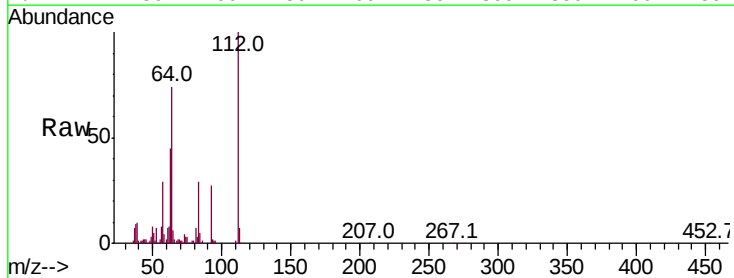
Tot Ion	Ratio	Lower	Upper
152	100		
150	149.0	120.2	180.2
115	64.3	46.2	69.2

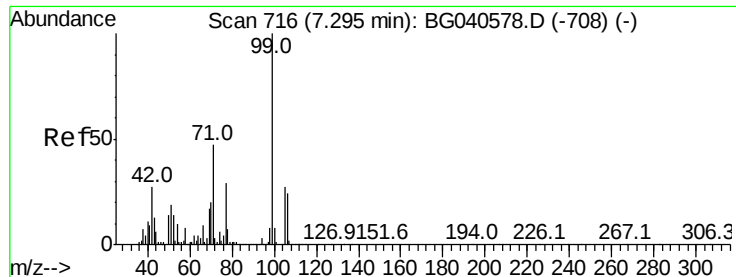


#5

2-Fluorophenol
Concen: 62.944 ng
RT: 5.68 min Scan# 442
Delta R.T. 0.00 min
Lab File: BG040615.D
Acq: 25 Apr 2019 18:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.2	61.4	92.0
63	45.4	37.8	56.6





#7

Phenol-d6

Concen: 36.925 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040615.D

Acq: 25 Apr 2019 18:00

Instrument :

BNA_G

ClientSampleId :

S37-0018

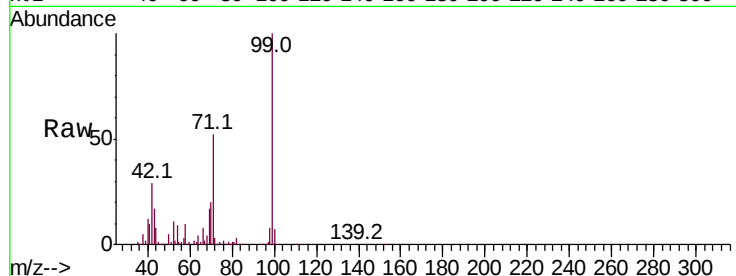
Tot Ion: 99 Resp: 145257

Ion Ratio Lower Upper

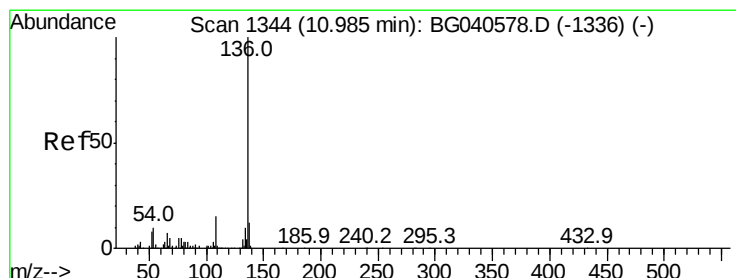
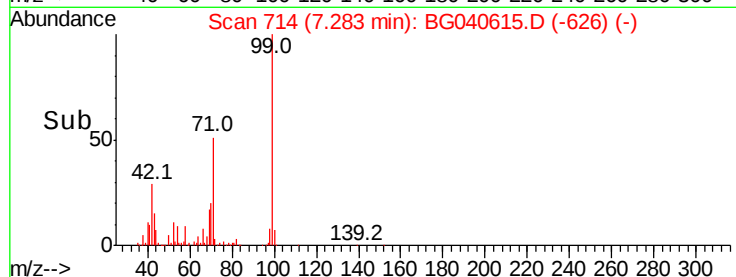
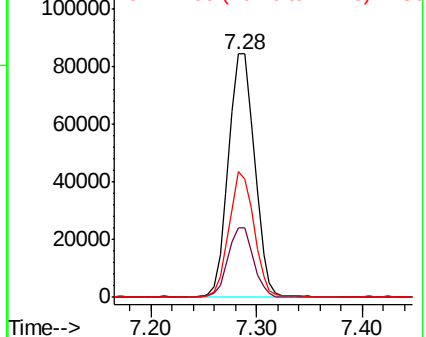
99 100

42 28.7 21.8 32.8

71 51.6 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: BG040615.D

Acq: 25 Apr 2019 18:00

Tgt Ion: 136 Resp: 184041

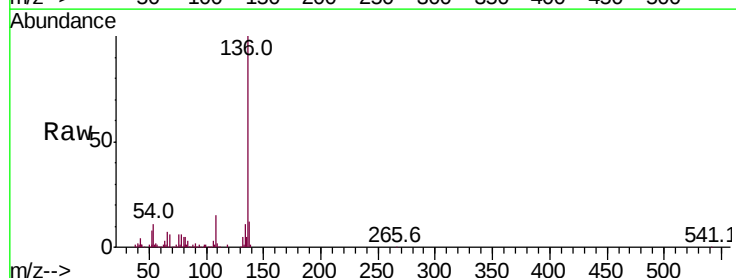
Ion Ratio Lower Upper

136 100

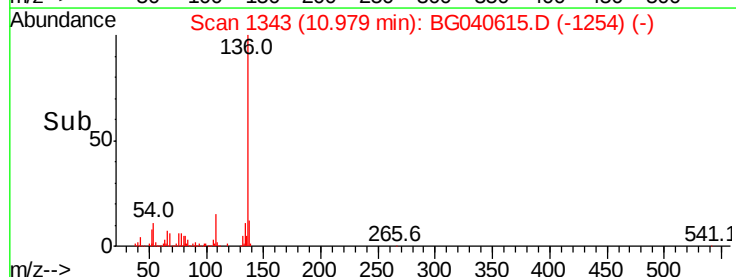
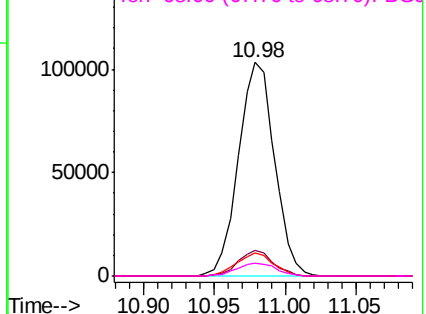
137 11.8 9.7 14.5

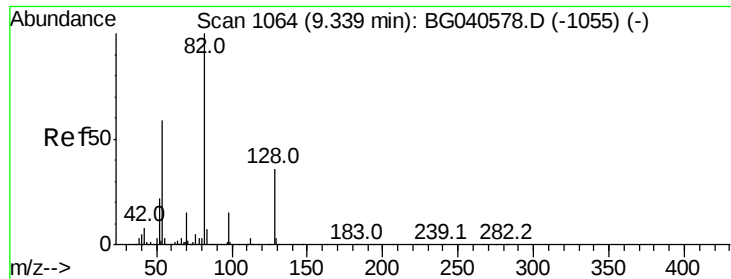
54 10.6 8.6 12.8

68 5.8 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

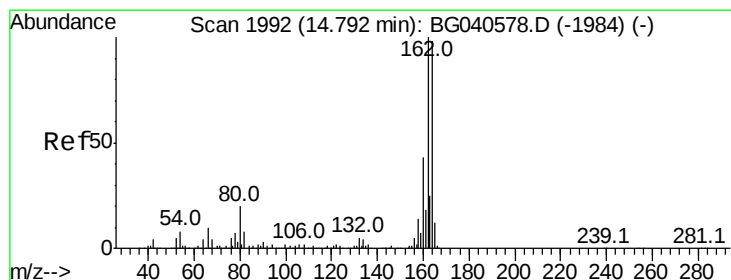
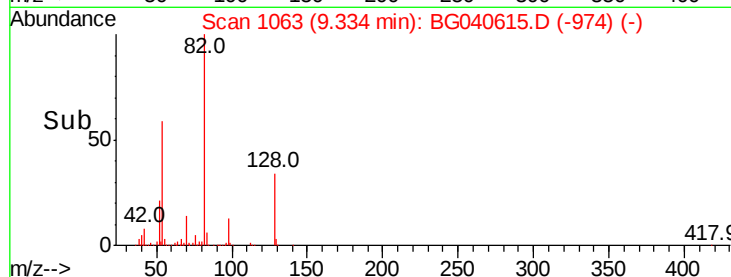
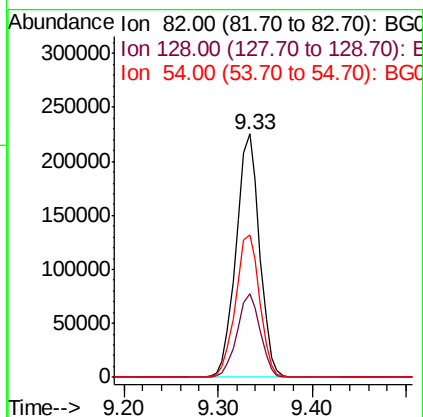
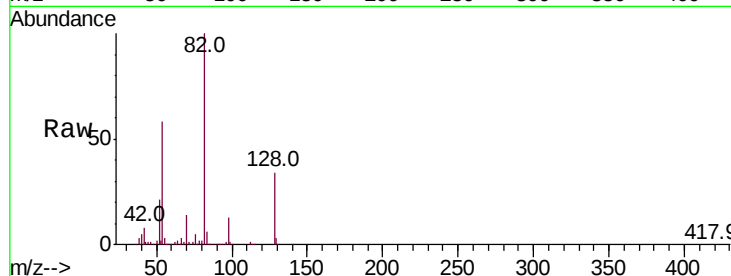




#23
Nitrobenzene-d5
Concen: 97.904 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG040615.D
Acq: 25 Apr 2019 18:00

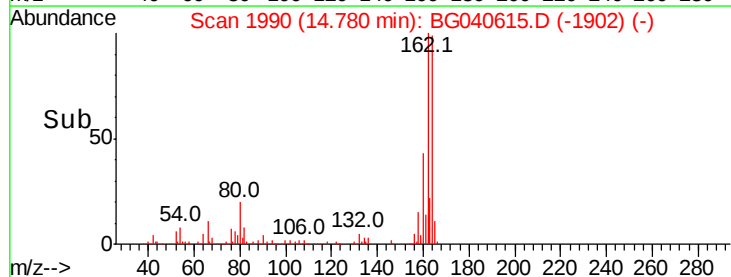
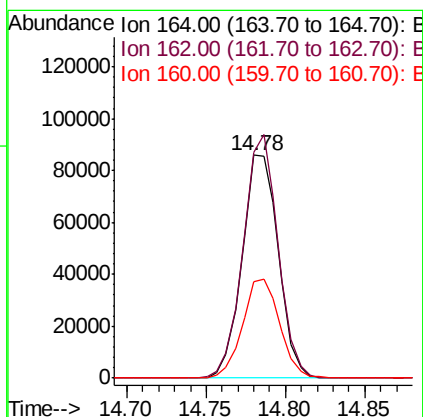
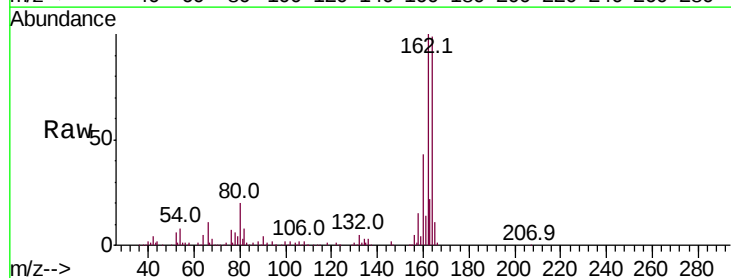
Instrument :
BNA_G
ClientSampleId :
S37-0018

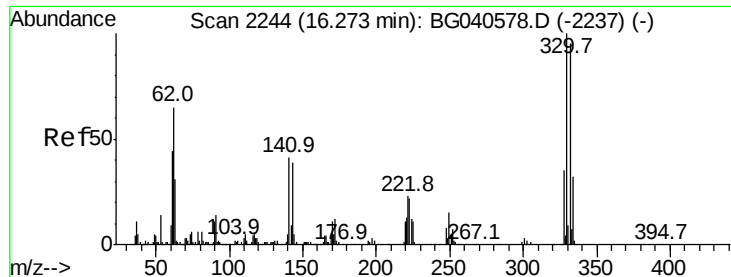
Tot Ion	82	Resp	389956
Ion Ratio	100	Lower	Upper
128	34.1	28.9	43.3
54	58.5	47.2	70.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG040615.D
Acq: 25 Apr 2019 18:00

Tgt Ion	164	Resp	136453
Ion Ratio	100	Lower	Upper
162	101.5	81.9	122.9
160	43.4	35.4	53.2

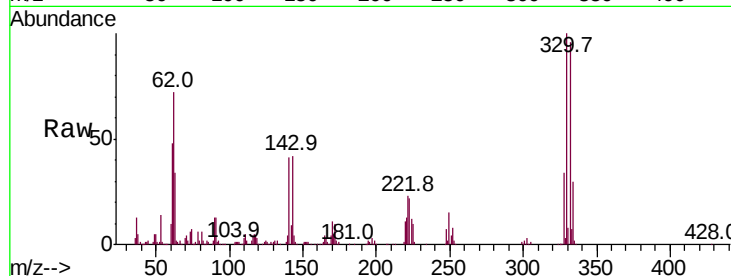




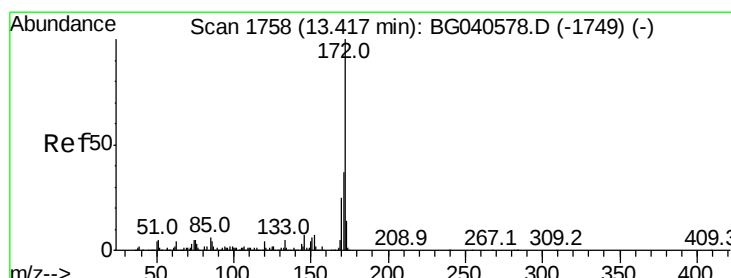
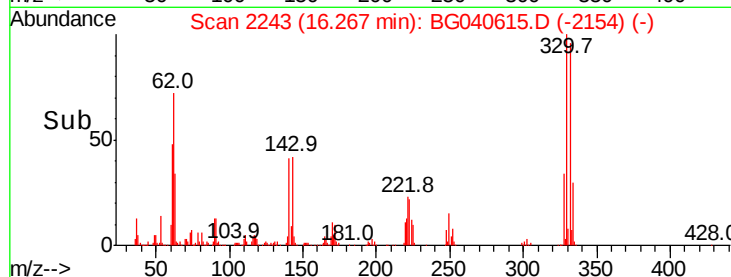
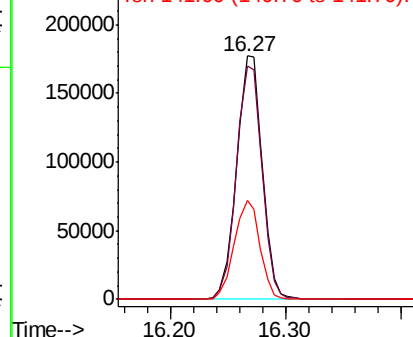
#42
 2,4,6-Tribromophenol
 Concen: 145.025 ng
 RT: 16.27 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BG040615.D
 Acq: 25 Apr 2019 18:00

Instrument :
 BNA_G
 ClientSampleId :
 S37-0018

Tot Ion:330 Resp: 272006
 Ion Ratio Lower Upper
 330 100
 332 96.4 75.9 113.9
 141 41.0 32.4 48.6

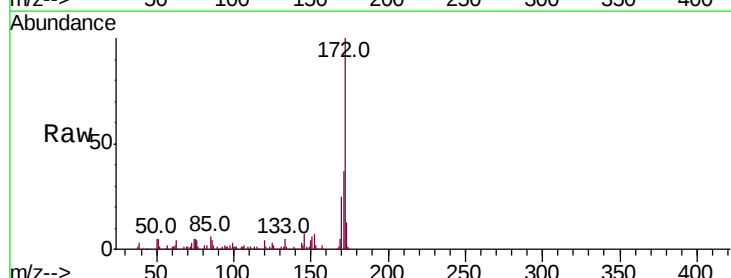


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

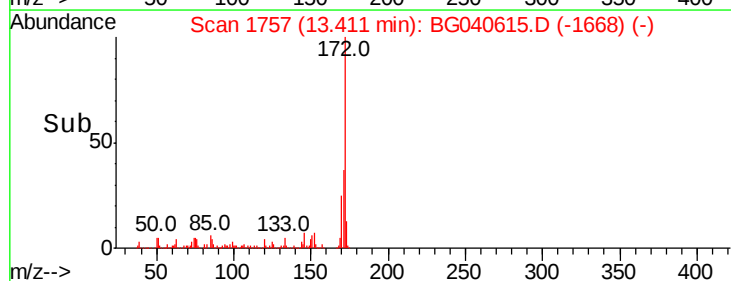
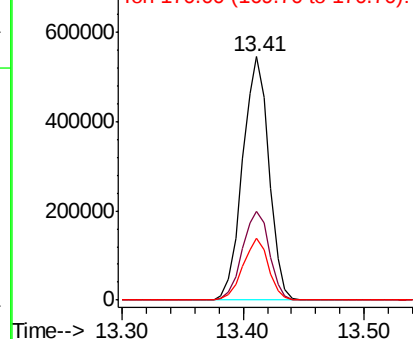


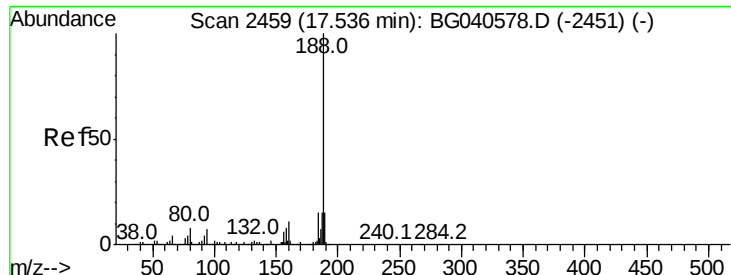
#45
 2-Fluorobiphenyl
 Concen: 87.642 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: BG040615.D
 Acq: 25 Apr 2019 18:00

Tgt Ion:172 Resp: 828076
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.2
 170 25.4 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. -0.01 min

Lab File: BG040615.D

Acq: 25 Apr 2019 18:00

Instrument :

BNA_G

ClientSampleId :

S37-0018

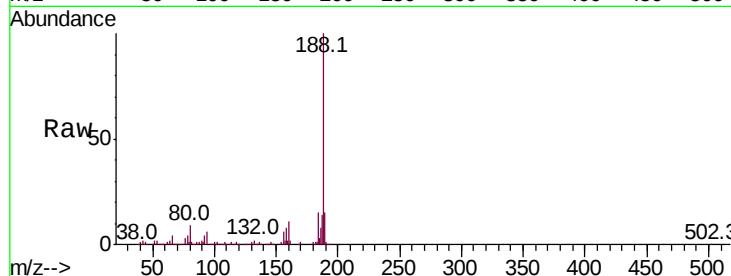
Tot Ion:188 Resp: 368601

Ion Ratio Lower Upper

188 100

94 6.3 5.6 8.4

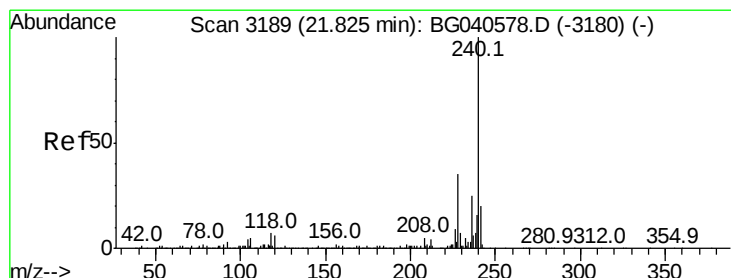
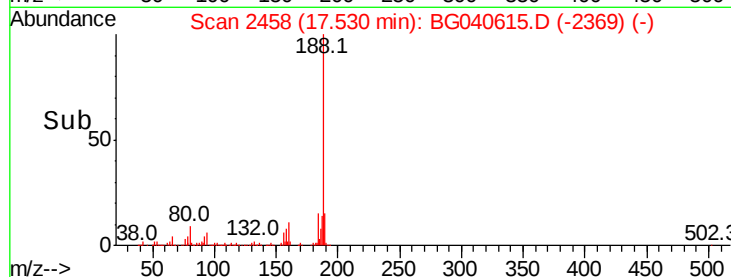
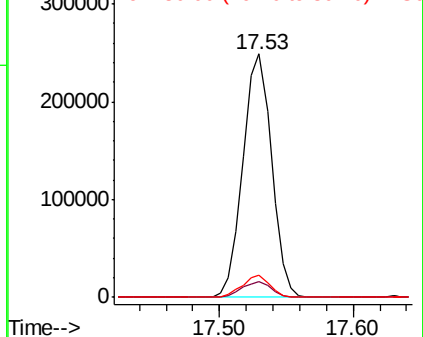
80 8.9 6.4 9.6



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BG040615.D

Acq: 25 Apr 2019 18:00

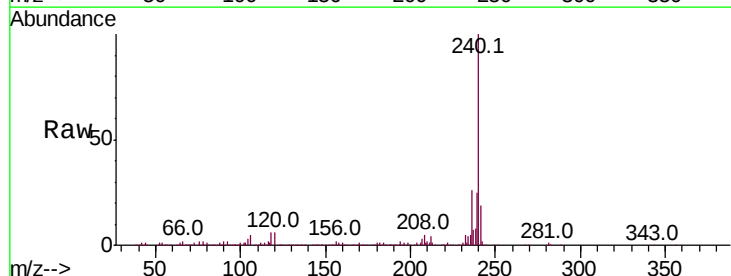
Tgt Ion:240 Resp: 386896

Ion Ratio Lower Upper

240 100

120 5.6 5.0 7.6

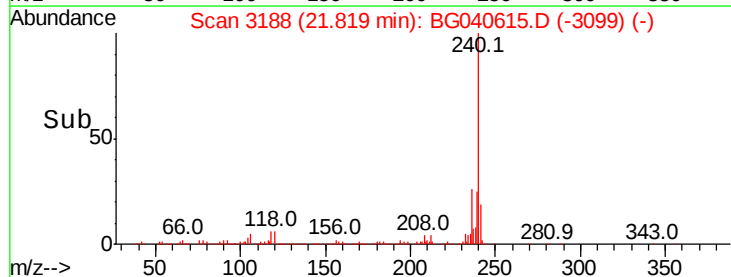
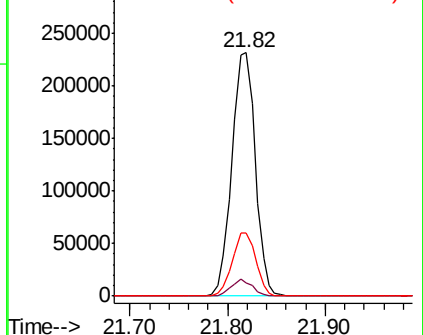
236 26.1 20.3 30.5

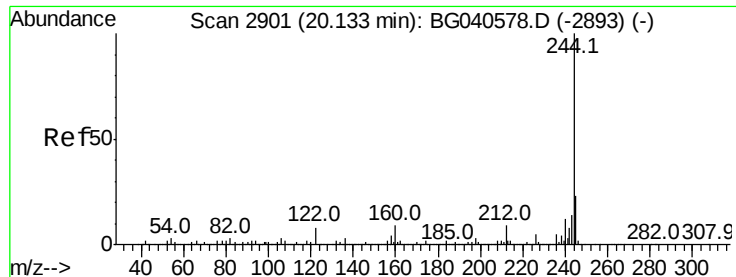


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 97.701 ng

RT: 20.13 min Scan# 2900

Delta R.T. -0.01 min

Lab File: BG040615.D

Acq: 25 Apr 2019 18:00

Instrument :

BNA_G

ClientSampleId :

S37-0018

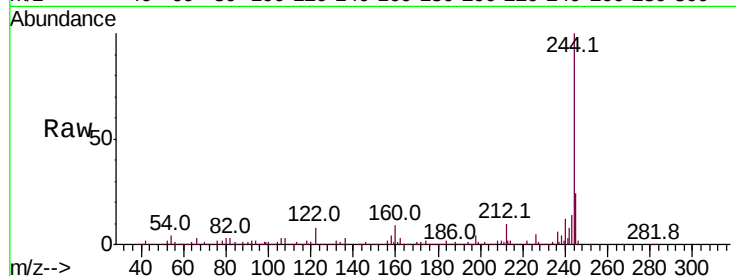
Tot Ion:244 Resp: 1706222

Ion Ratio Lower Upper

244 100

212 9.9 7.2 10.8

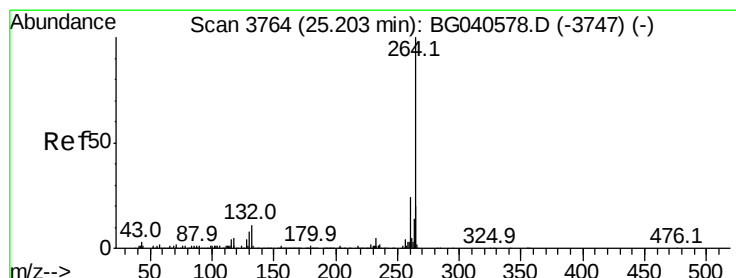
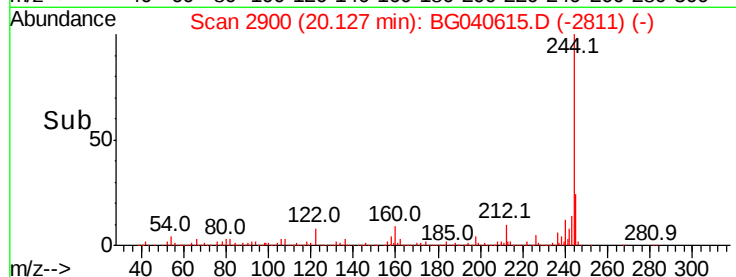
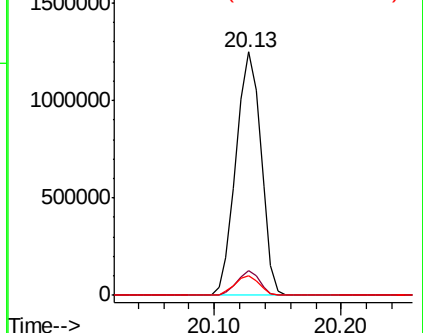
122 8.3 6.6 10.0



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: BG040615.D

Acq: 25 Apr 2019 18:00

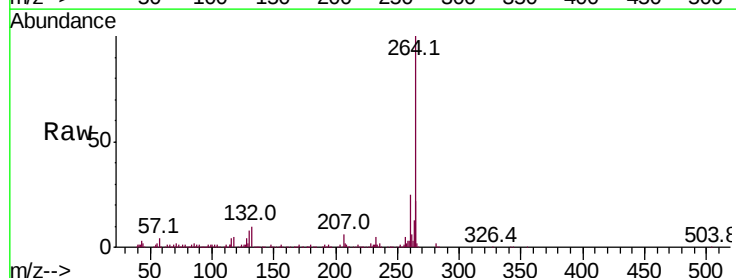
Tgt Ion:264 Resp: 403831

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 22.3 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

