

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050819\
 Data File : BG040818.D
 Acq On : 9 May 2019 12:07
 Operator : HP/JU
 Sample : K2645-10
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-050719-E

Quant Time: May 09 15:07:56 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	8.14	152	44852	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	179991	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	134602	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	372467	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	354526	20.00	ng	-0.03
87) Perylene-d12	25.15	264	230244	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	387737	152.39	ng	-0.01
7) Phenol-d6	7.28	99	510898	130.41	ng	-0.02
23) Nitrobenzene-d5	9.32	82	457434	117.43	ng	-0.02
42) 2,4,6-Tribromophenol	16.25	330	272958	147.53	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	994941	106.75	ng	-0.02
79) Terphenyl-d14	20.11	244	1996670	124.77	ng	-0.02

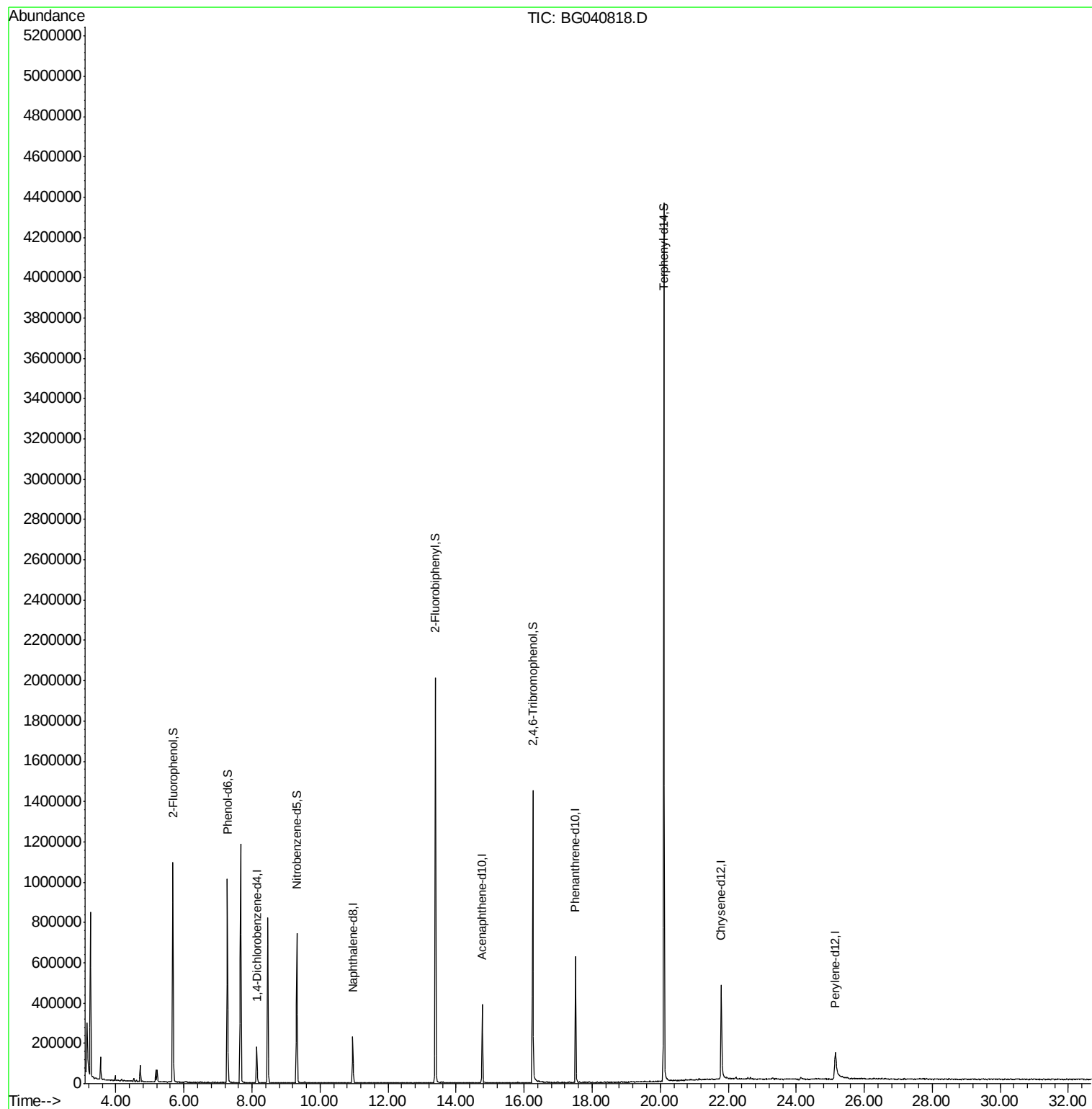
Target Compounds Qvalue

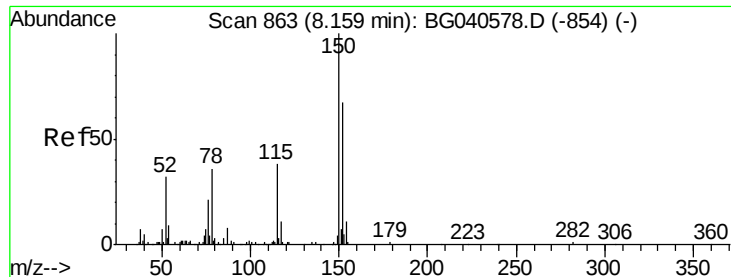
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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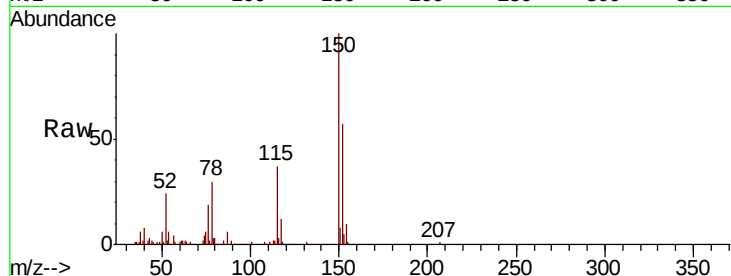


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.02 min
Lab File: BG040818.D
Acq: 9 May 2019 12:07

Instrument :
BNA_G
ClientSampleId :
PL-02-050719-E

Tot Ion	Ratio	Lower	Upper
152	100		
150	174.4	120.2	180.2
115	64.9	46.2	69.2

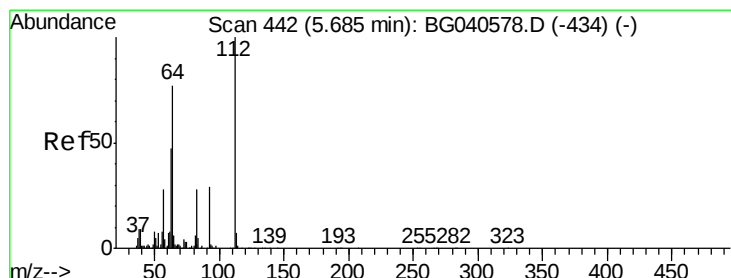
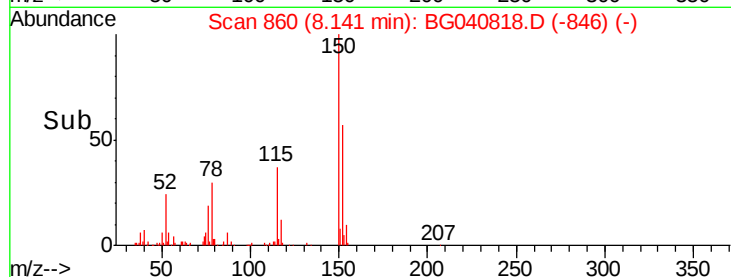
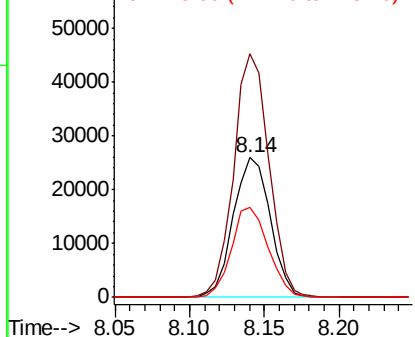


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

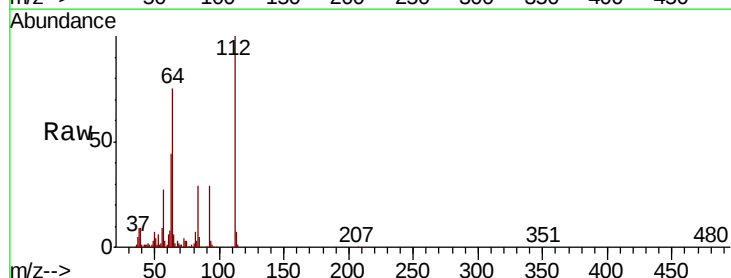
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 152.388 ng
RT: 5.67 min Scan# 440
Delta R.T. -0.01 min
Lab File: BG040818.D
Acq: 9 May 2019 12:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.6	61.4	92.0
63	43.8	37.8	56.6

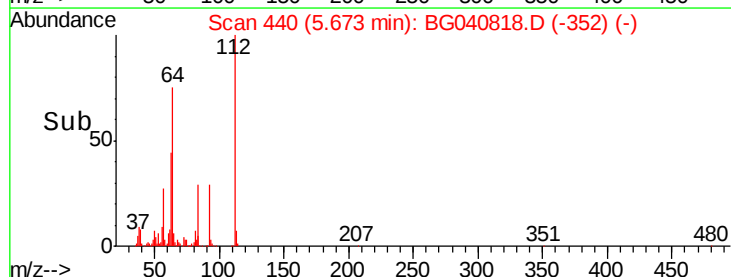
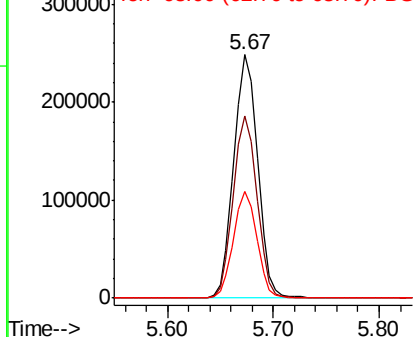


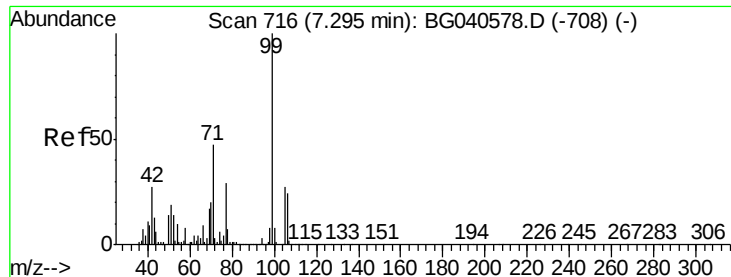
Abundance

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: 130.408 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BG040818.D

Acq: 9 May 2019 12:07

Instrument :

BNA_G

ClientSampleId :

PL-02-050719-E

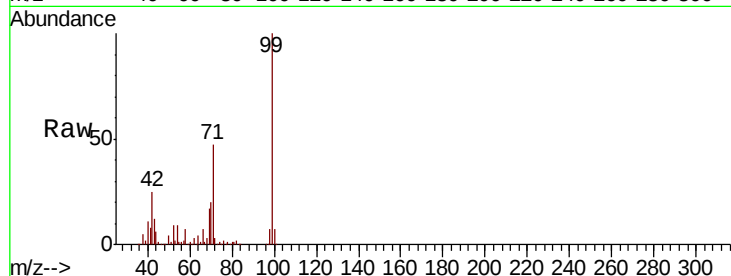
Tot Ion: 99 Resp: 510898

Ion Ratio Lower Upper

99 100

42 24.5 21.8 32.8

71 47.3 38.6 57.8

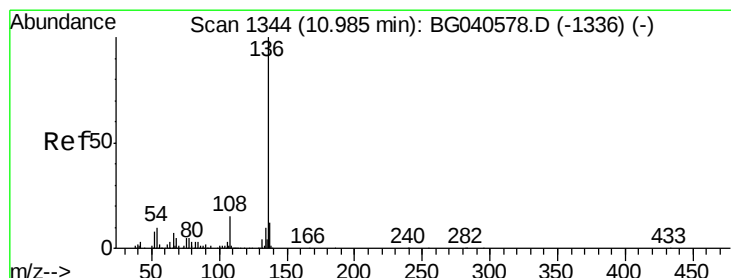
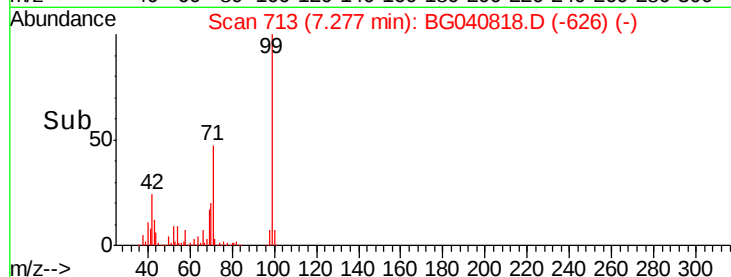
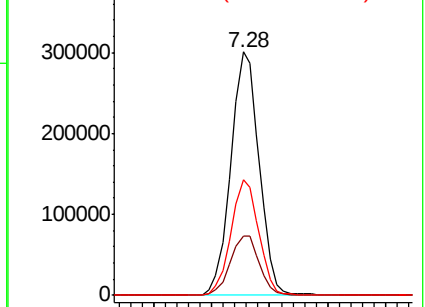


Abundance

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: 10.96 min Scan# 1340

Delta R.T. -0.02 min

Lab File: BG040818.D

Acq: 9 May 2019 12:07

Tgt Ion: 136 Resp: 179991

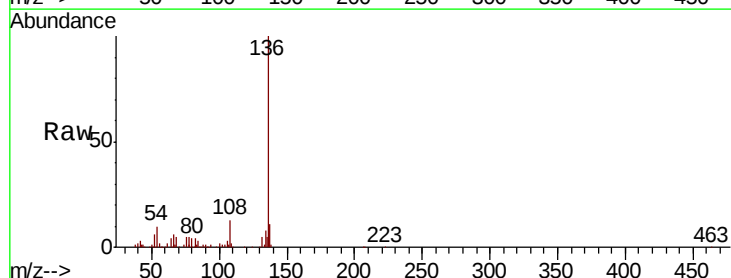
Ion Ratio Lower Upper

136 100

137 10.8 9.7 14.5

54 9.9 8.6 12.8

68 5.0 4.8 7.2



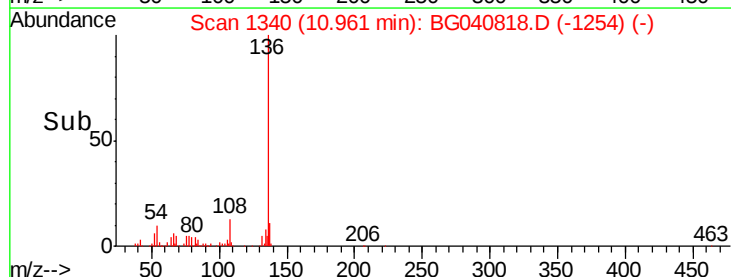
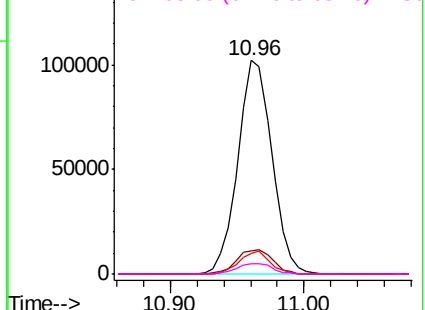
Abundance

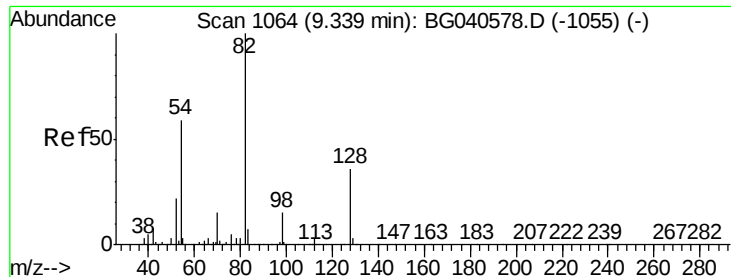
Ion 136.00 (135.70 to 136.70): BGC

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

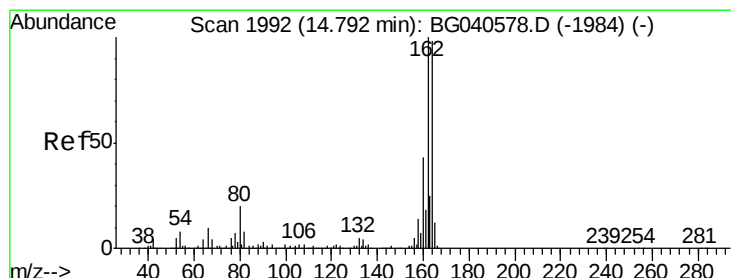
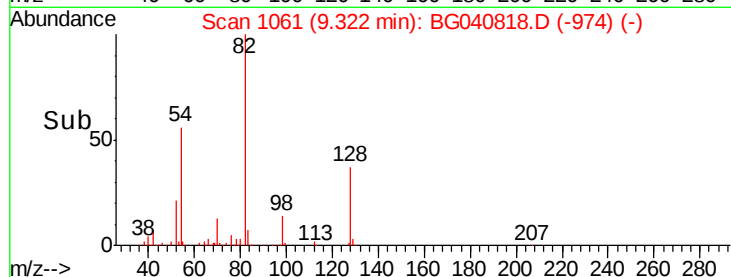
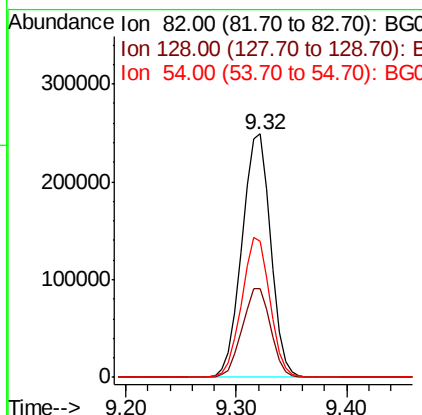
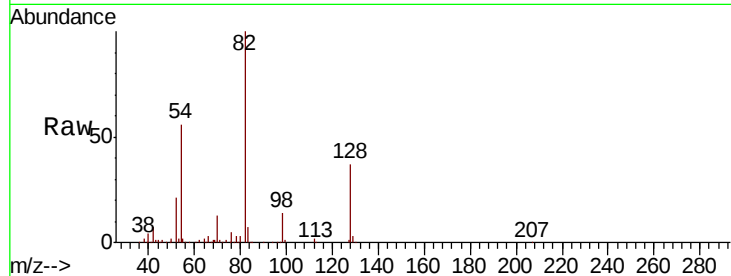




#23
 Nitrobenzene-d5
 Concen: 117.430 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040818.D
 Acq: 9 May 2019 12:07

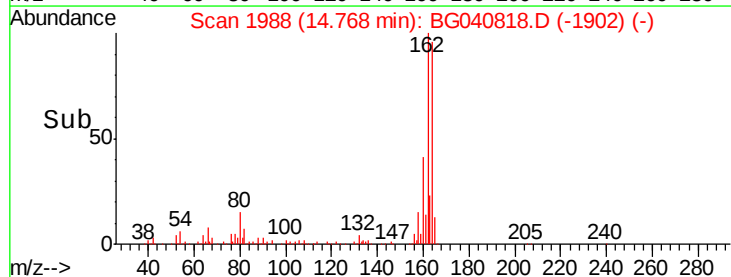
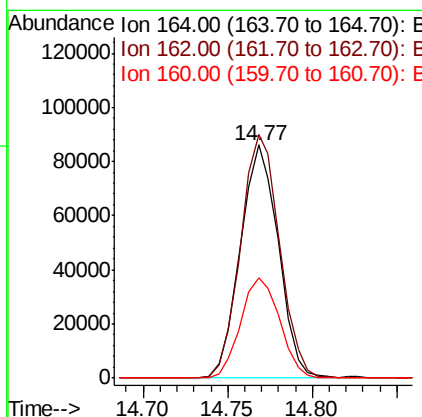
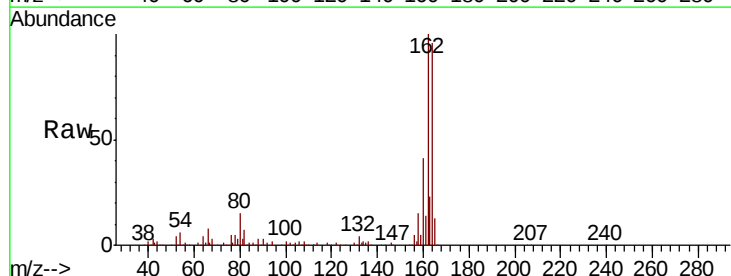
Instrument :
 BNA_G
 ClientSampleId :
 PL-02-050719-E

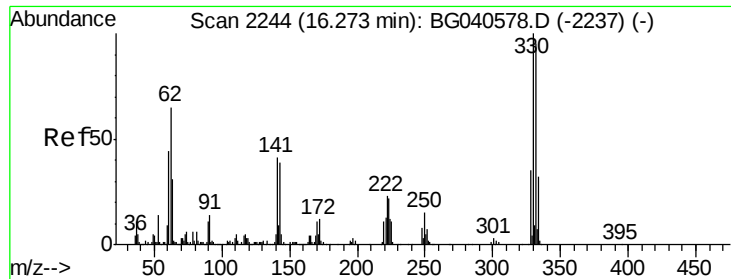
Tot Ion	82	Resp	457434
Ion Ratio	Lower	Upper	
82	100		
128	36.6	28.9	43.3
54	56.1	47.2	70.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. -0.02 min
 Lab File: BG040818.D
 Acq: 9 May 2019 12:07

Tgt Ion	164	Resp	134602
Ion Ratio	Lower	Upper	
164	100		
162	104.4	81.9	122.9
160	42.9	35.4	53.2

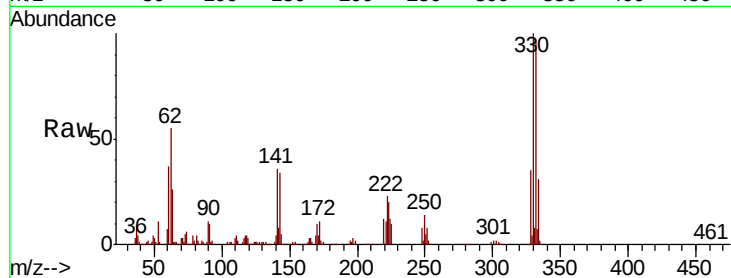




#42
 2,4,6-Tribromophenol
 Concen: 147.534 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. -0.02 min
 Lab File: BG040818.D
 Acq: 9 May 2019 12:07

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-050719-E

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	75.9	113.9
141	36.3	32.4	48.6

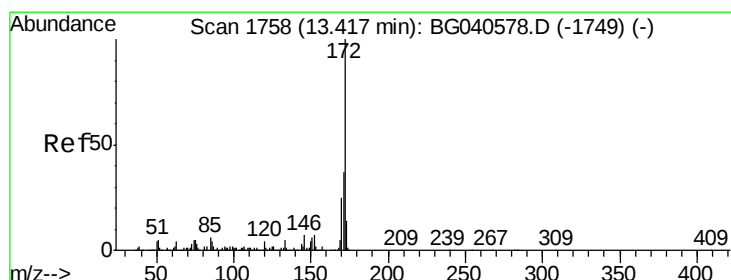
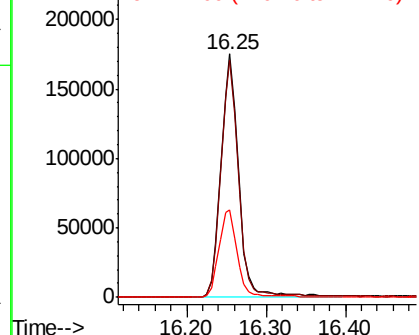
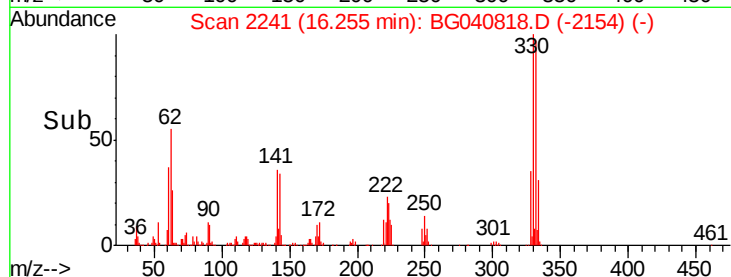


Abundance

Ion 329.80 (329.50 to 330.50): E

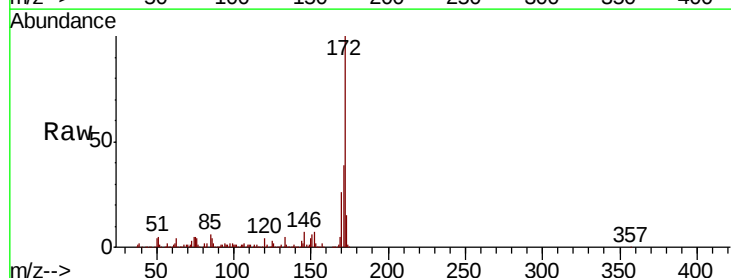
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 106.751 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040818.D
 Acq: 9 May 2019 12:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.0	29.4	44.2
170	25.5	19.9	29.9

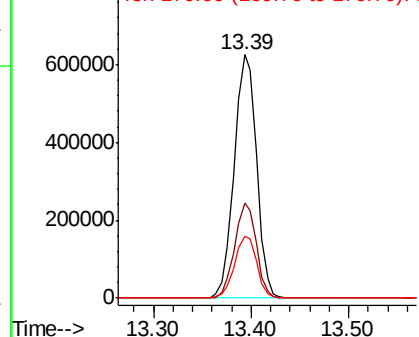
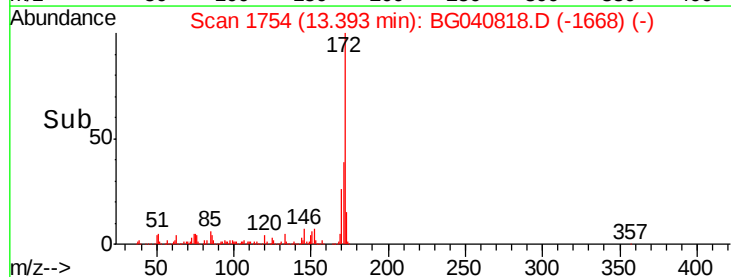


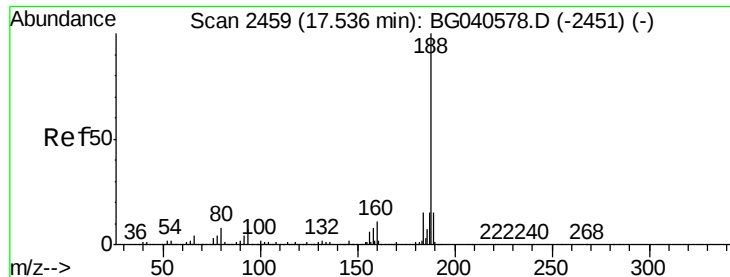
Abundance

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: 17.51 min Scan# 2455

Delta R.T. -0.02 min

Lab File: BG040818.D

Acq: 9 May 2019 12:07

Instrument :

BNA_G

ClientSampleId :

PL-02-050719-E

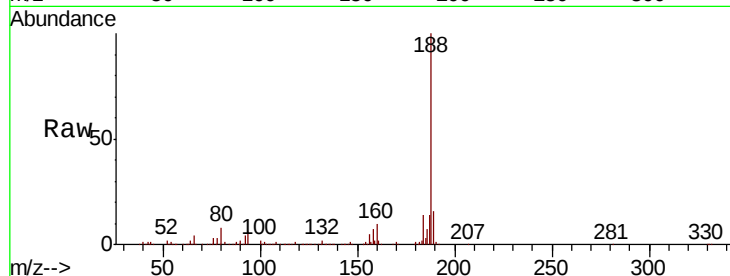
Tot Ion:188 Resp: 372467

Ion Ratio Lower Upper

188 100

94 5.9 5.6 8.4

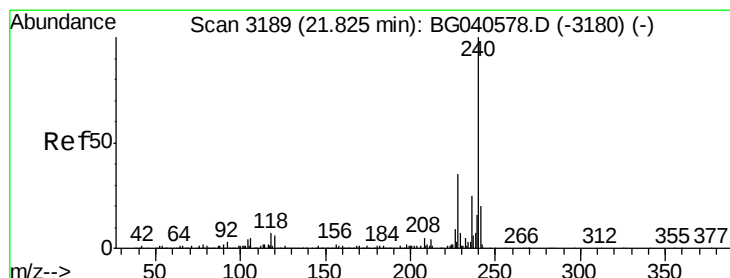
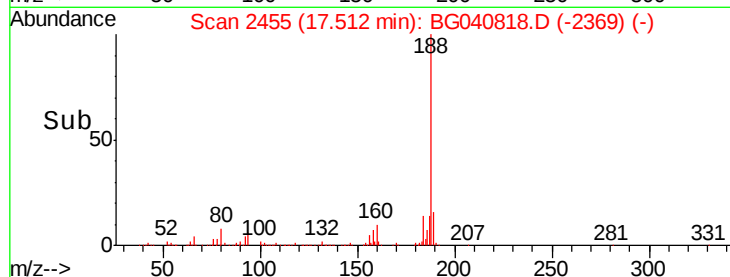
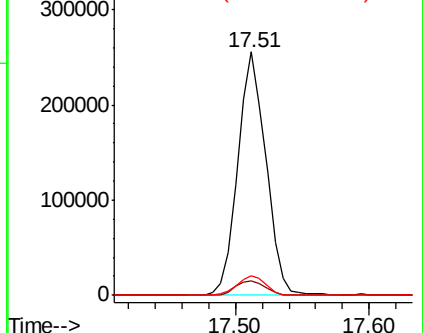
80 8.3 6.4 9.6



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: 21.80 min Scan# 3184

Delta R.T. -0.03 min

Lab File: BG040818.D

Acq: 9 May 2019 12:07

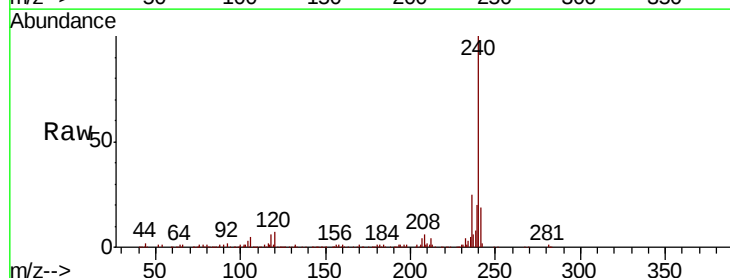
Tgt Ion:240 Resp: 354526

Ion Ratio Lower Upper

240 100

120 6.6 5.0 7.6

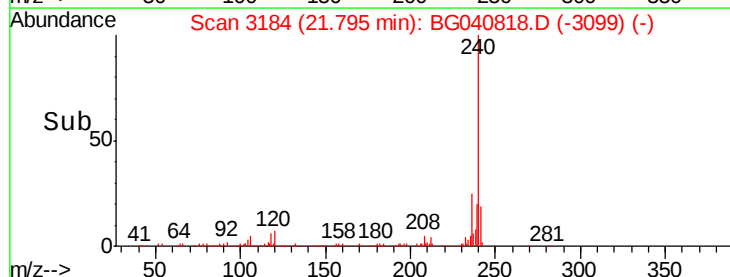
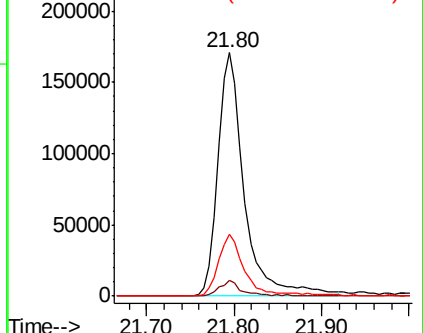
236 25.3 20.3 30.5

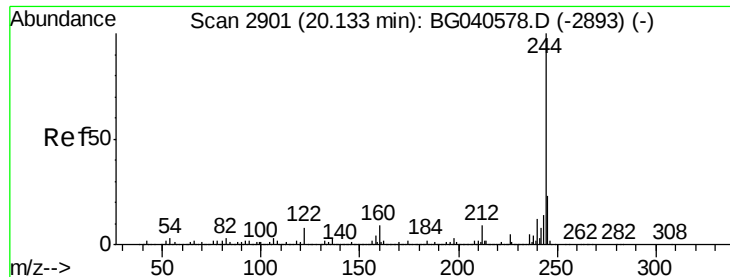


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 124.771 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040818.D

Acq: 9 May 2019 12:07

Instrument :

BNA_G

ClientSampleId :

PL-02-050719-E

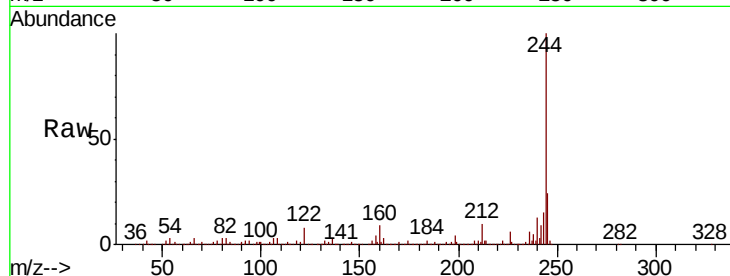
Tot Ion:244 Resp: 1996670

Ion Ratio Lower Upper

244 100

212 9.8 7.2 10.8

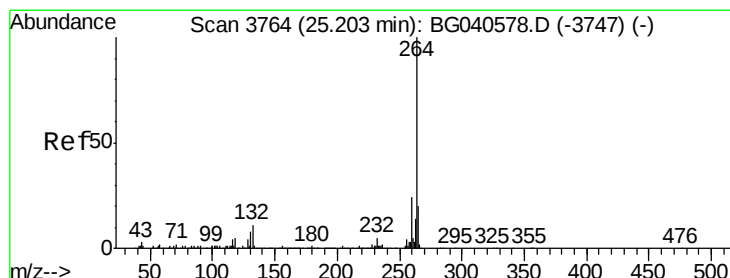
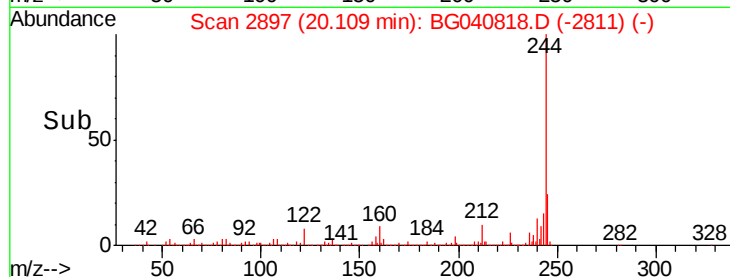
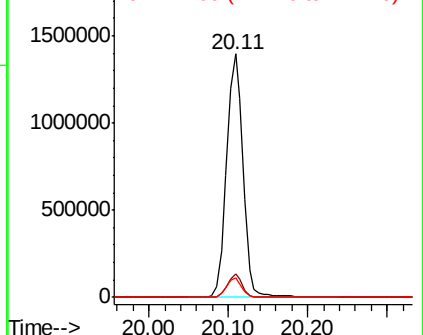
122 8.0 6.6 10.0



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: 25.15 min Scan# 3755

Delta R.T. -0.05 min

Lab File: BG040818.D

Acq: 9 May 2019 12:07

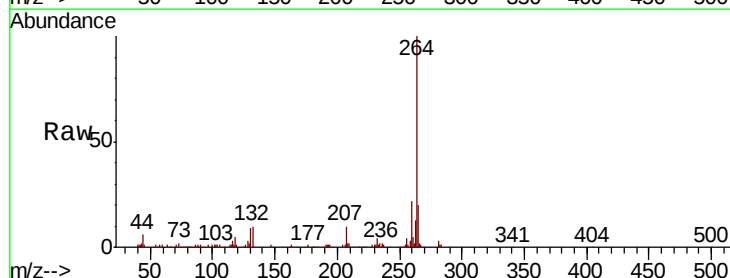
Tgt Ion:264 Resp: 230244

Ion Ratio Lower Upper

264 100

260 21.8 19.2 28.8

265 20.4 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

