

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050819\
 Data File : BG040816.D
 Acq On : 9 May 2019 10:52
 Operator : HP/JU
 Sample : K2645-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: May 09 15:03:21 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	41762	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	163591	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	123577	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	343135	20.00	ng	-0.03
76) Chrysene-d12	21.79	240	325549	20.00	ng	-0.03
87) Perylene-d12	25.15	264	223382	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	371680	156.89	ng	-0.01
7) Phenol-d6	7.28	99	488642	133.96	ng	-0.01
23) Nitrobenzene-d5	9.32	82	434796	122.81	ng	-0.02
42) 2,4,6-Tribromophenol	16.25	330	258574	152.23	ng	-0.02
45) 2-Fluorobiphenyl	13.40	172	968281	113.16	ng	-0.02
79) Terphenyl-d14	20.11	244	1935150	131.69	ng	-0.03

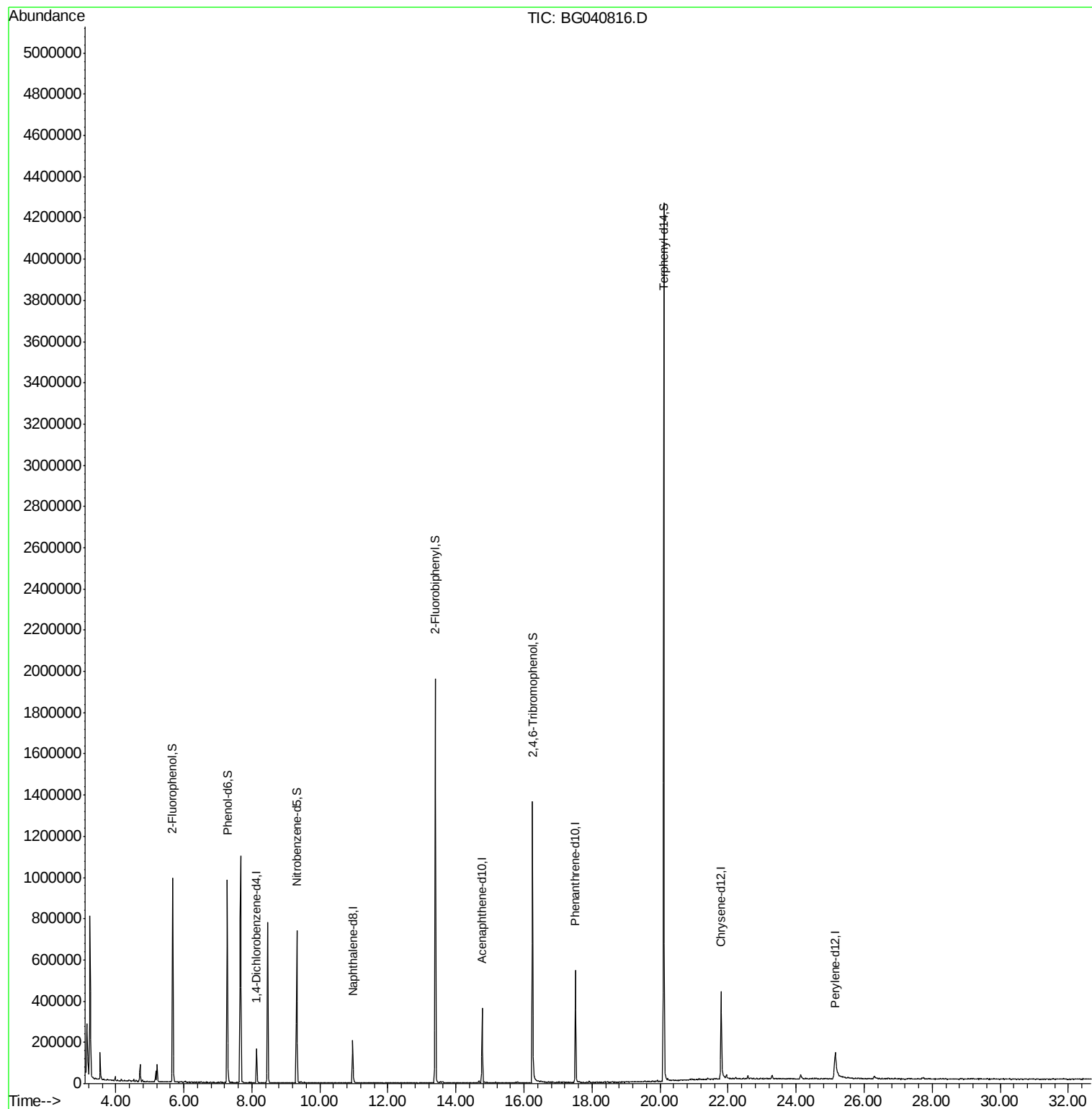
Target Compounds Qvalue

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

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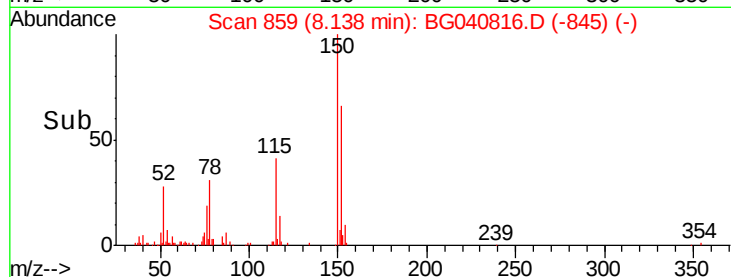
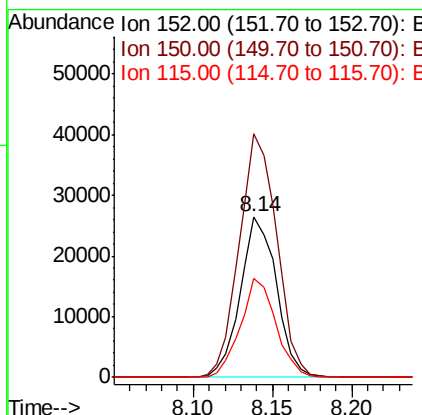
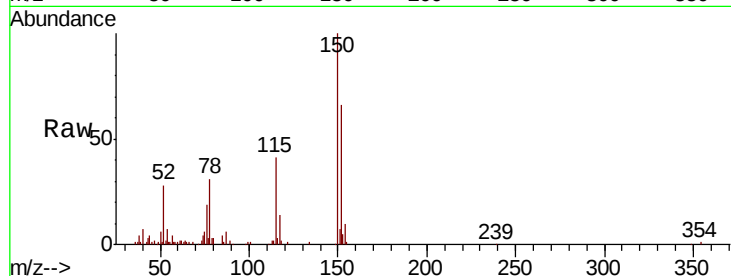


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: BG040816.D
Acq: 9 May 2019 10:52

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

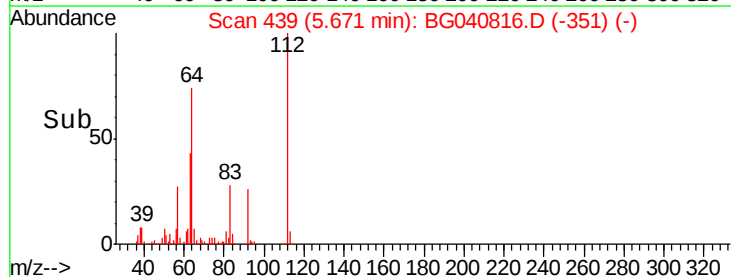
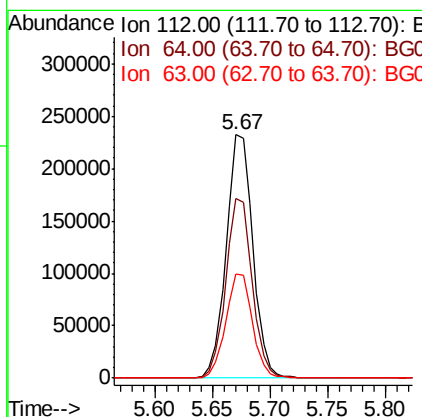
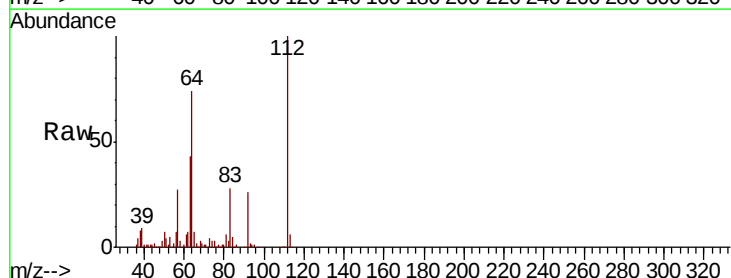
Tot Ion:152 Resp: 41762
Ion Ratio Lower Upper
152 100
150 151.7 120.2 180.2
115 61.5 46.2 69.2



#5

2-Fluorophenol
Concen: 156.885 ng
RT: 5.67 min Scan# 439
Delta R.T. -0.01 min
Lab File: BG040816.D
Acq: 9 May 2019 10:52

Tgt Ion:112 Resp: 371680
Ion Ratio Lower Upper
112 100
64 73.8 61.4 92.0
63 42.6 37.8 56.6





#7

Phenol-d6

Concen: 133.956 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BG040816.D

Acq: 9 May 2019 10:52

Instrument :

BNA_G

ClientSampleId :

PL-02-050719-C

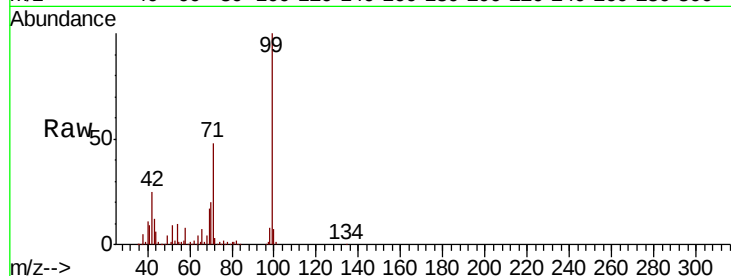
Tot Ion: 99 Resp: 488642

Ion Ratio Lower Upper

99 100

42 25.0 21.8 32.8

71 47.8 38.6 57.8

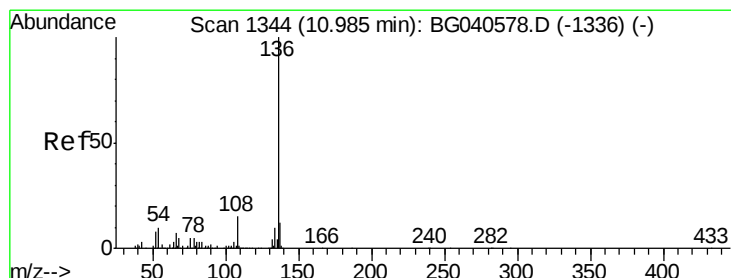
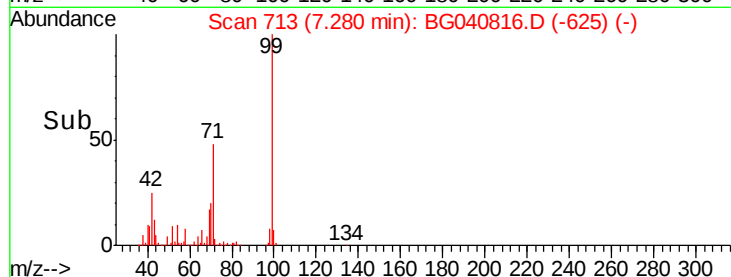
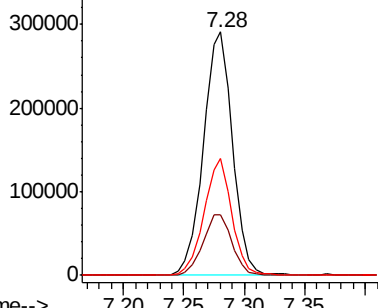


Abundance

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: BG040816.D

Acq: 9 May 2019 10:52

Tgt Ion: 136 Resp: 163591

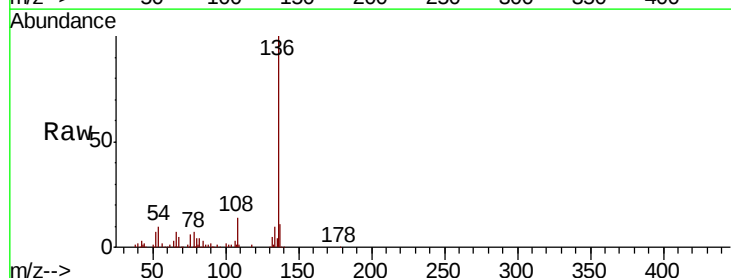
Ion Ratio Lower Upper

136 100

137 11.1 9.7 14.5

54 10.4 8.6 12.8

68 5.2 4.8 7.2



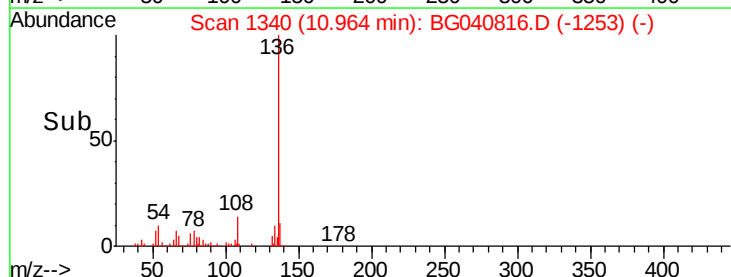
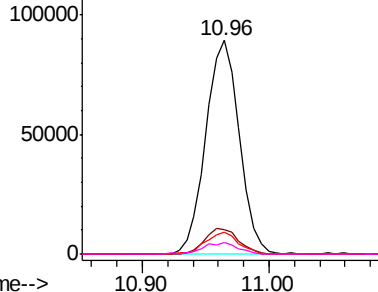
Abundance

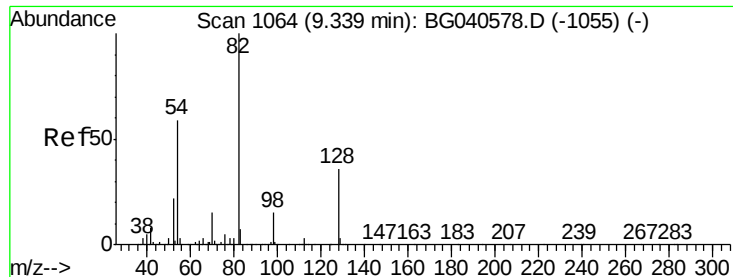
Ion 136.00 (135.70 to 136.70): BGC

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

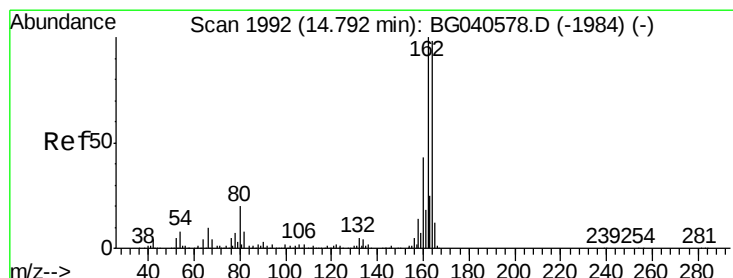
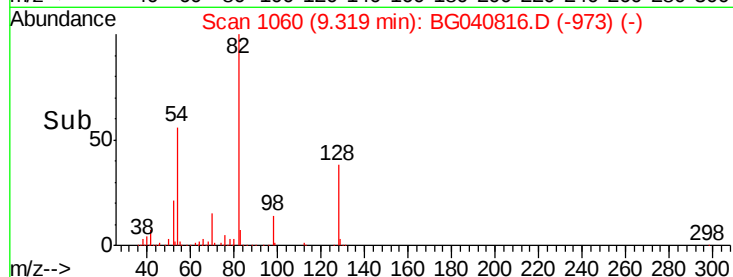
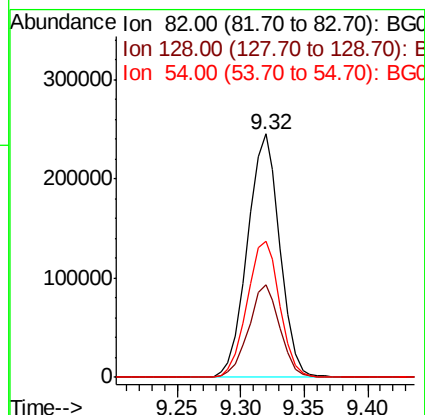
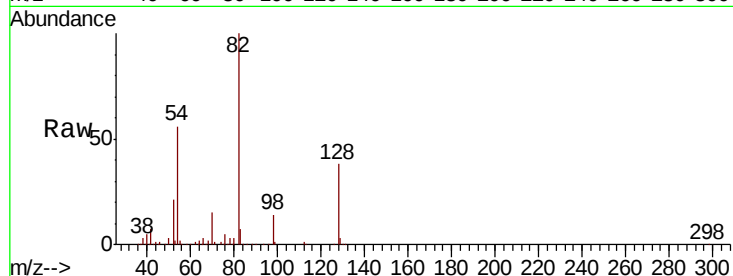




#23
Nitrobenzene-d5
Concen: 122.808 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.02 min
Lab File: BG040816.D
Acq: 9 May 2019 10:52

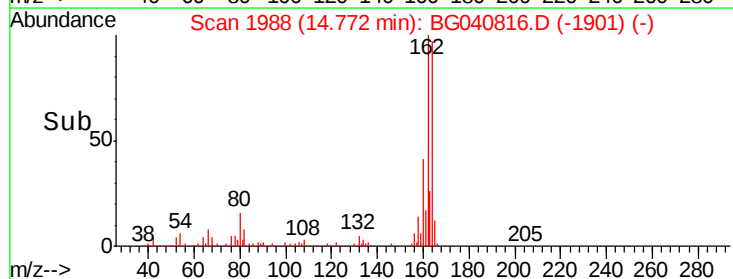
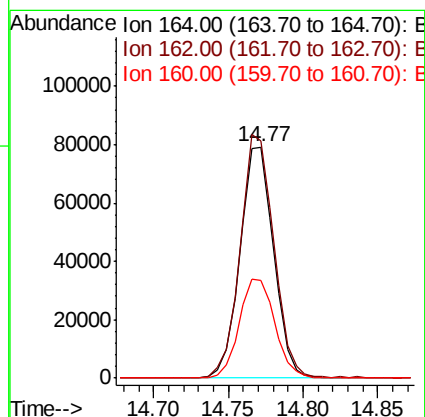
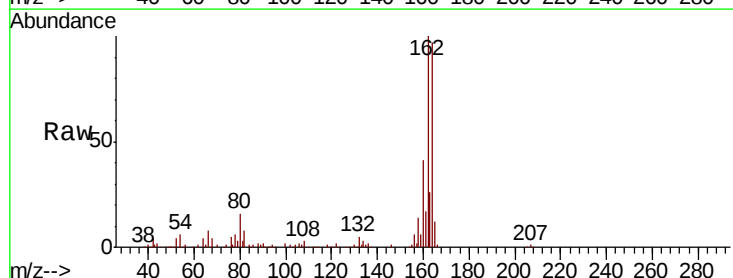
Instrument :
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PL-02-050719-C

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.8	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: BG040816.D
Acq: 9 May 2019 10:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.9	122.9
160	42.6	35.4	53.2

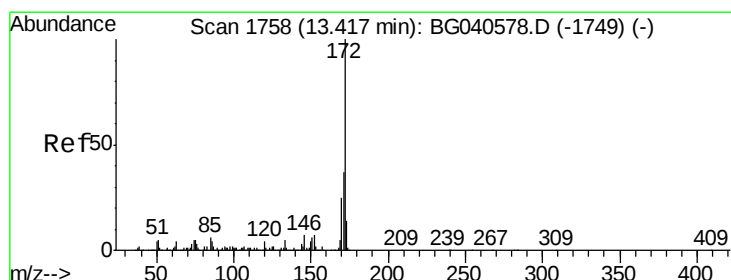
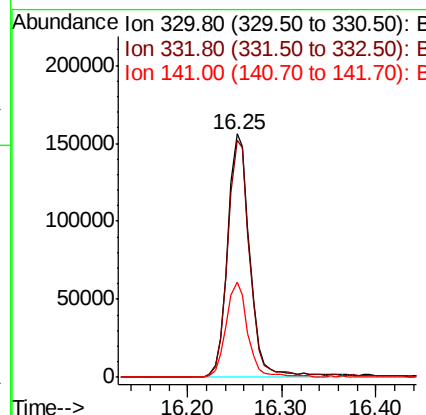
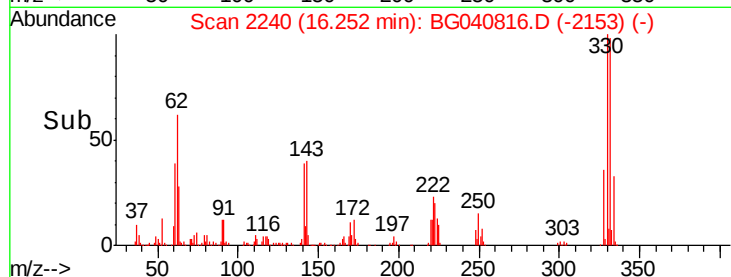
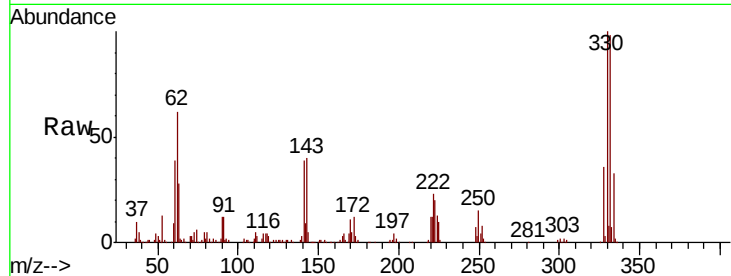




#42
 2,4,6-Tribromophenol
 Concen: 152.228 ng
 RT: 16.25 min Scan# 2240
 Delta R.T. -0.02 min
 Lab File: BG040816.D
 Acq: 9 May 2019 10:52

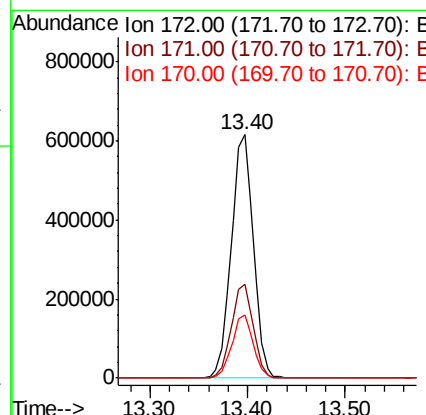
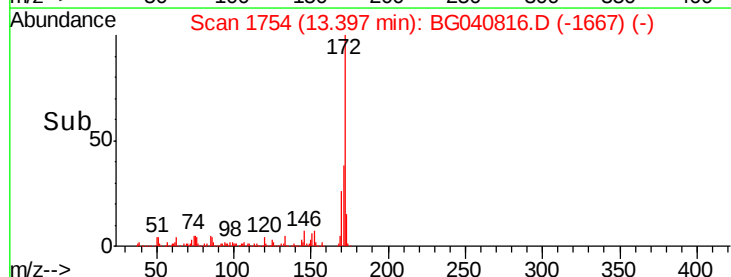
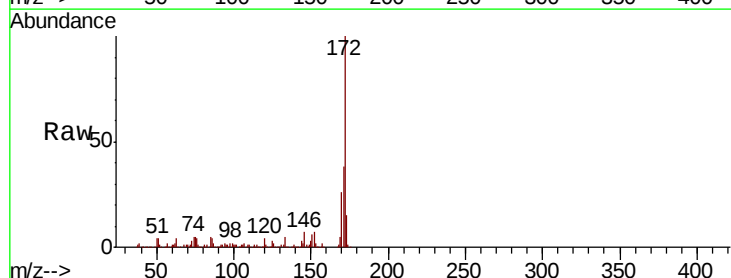
Instrument :
 BNA_G
 ClientSampleId :
 PL-02-050719-C

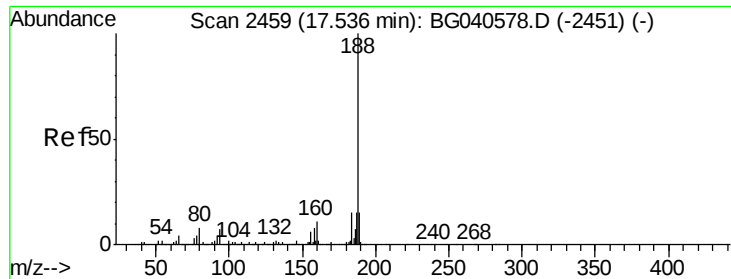
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	75.9	113.9
141	38.1	32.4	48.6



#45
 2-Fluorobiphenyl
 Concen: 113.160 ng
 RT: 13.40 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040816.D
 Acq: 9 May 2019 10:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	29.4	44.2
170	26.1	19.9	29.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.51 min Scan# 2454

Delta R.T. -0.03 min

Lab File: BG040816.D

Acq: 9 May 2019 10:52

Instrument :

BNA_G

ClientSampleId :

PL-02-050719-C

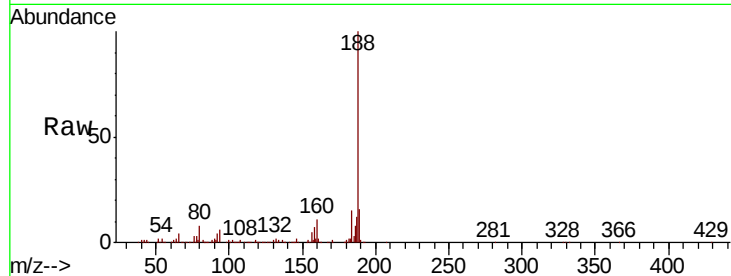
Tot Ion:188 Resp: 343135

Ion Ratio Lower Upper

188 100

94 6.4 5.6 8.4

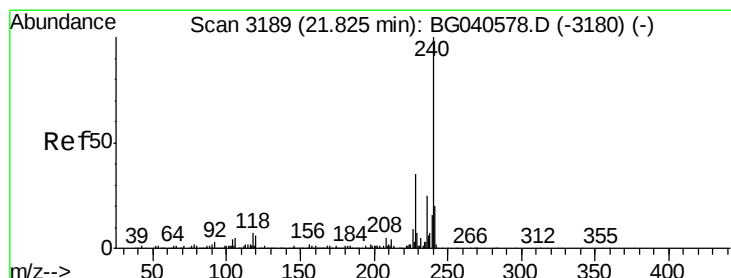
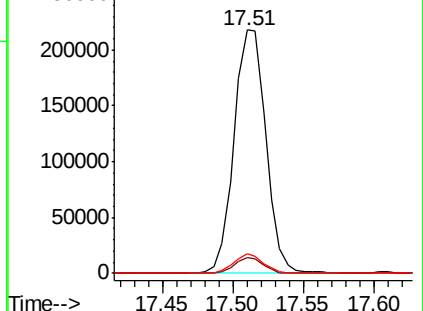
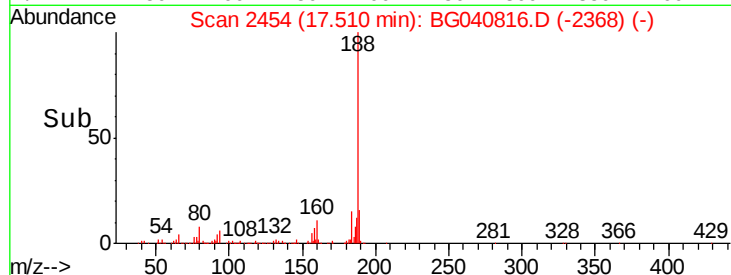
80 7.8 6.4 9.6



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: 21.79 min Scan# 3183

Delta R.T. -0.03 min

Lab File: BG040816.D

Acq: 9 May 2019 10:52

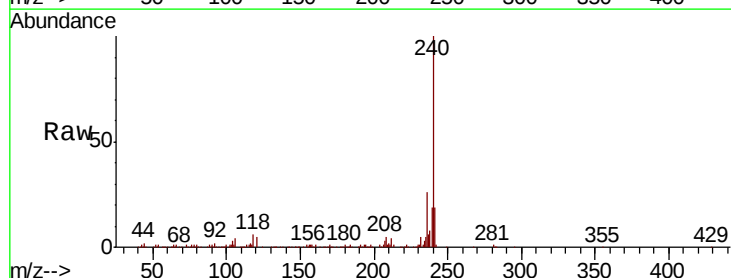
Tgt Ion:240 Resp: 325549

Ion Ratio Lower Upper

240 100

120 5.1 5.0 7.6

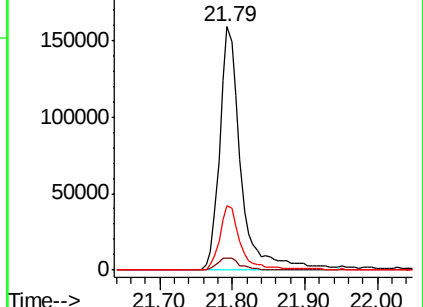
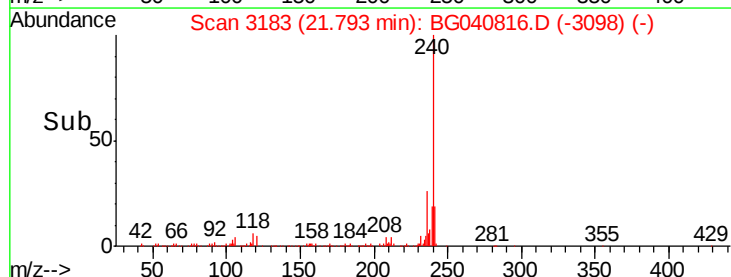
236 26.4 20.3 30.5

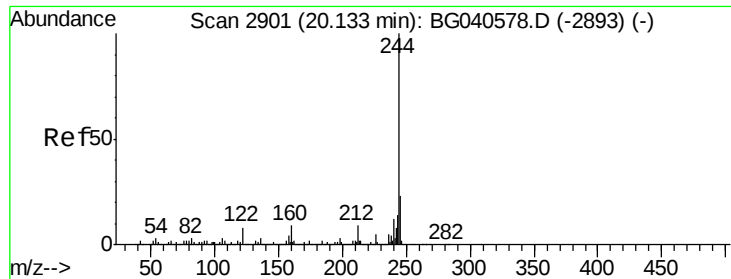


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 131.691 ng

RT: 20.11 min Scan# 2896

Delta R.T. -0.03 min

Lab File: BG040816.D

Acq: 9 May 2019 10:52

Instrument :

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ClientSampleId :

PL-02-050719-C

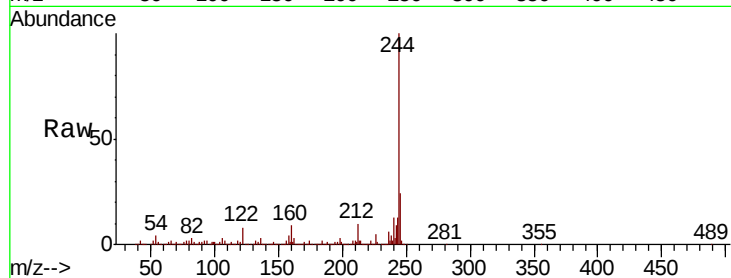
Tot Ion:244 Resp: 1935150

Ion Ratio Lower Upper

244 100

212 9.9 7.2 10.8

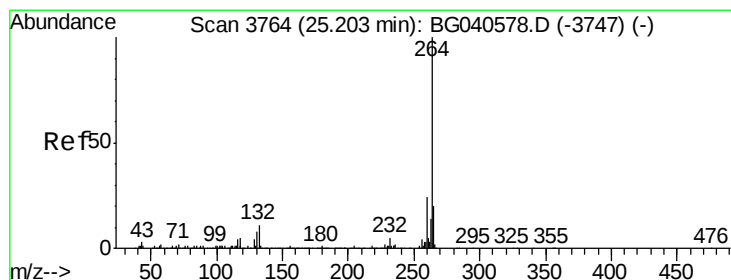
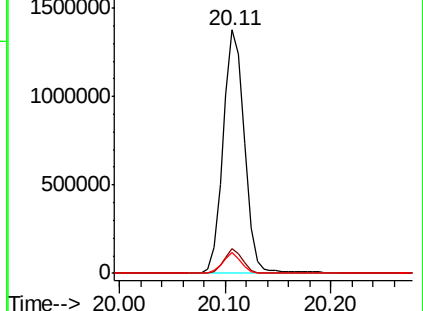
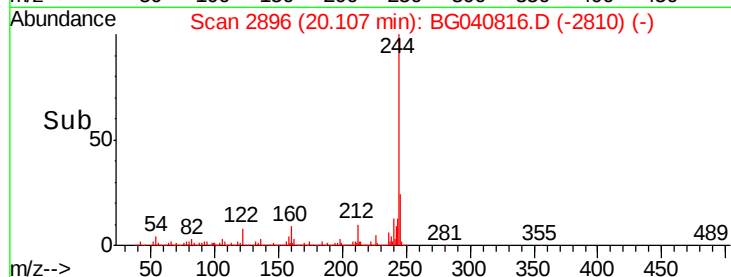
122 8.3 6.6 10.0



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: 25.15 min Scan# 3754

Delta R.T. -0.06 min

Lab File: BG040816.D

Acq: 9 May 2019 10:52

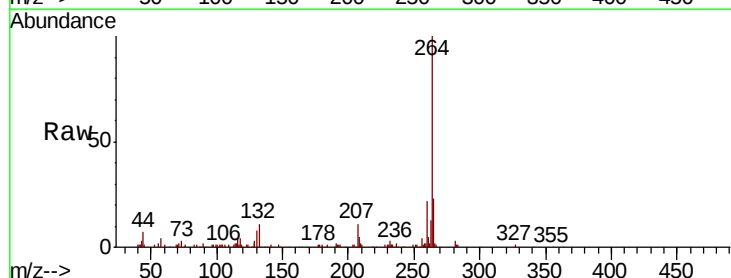
Tgt Ion:264 Resp: 223382

Ion Ratio Lower Upper

264 100

260 21.6 19.2 28.8

265 23.0 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

