

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060718\
 Data File : BG034956.D
 Acq On : 7 Jun 2018 17:26
 Operator : SJ/JU
 Sample : J3241-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-060518-A

Quant Time: Jun 08 04:46:32 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 07 13:13:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	39689	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	148622	20.00	ng	0.00
38) Acenaphthene-d10	14.70	164	100800	20.00	ng	0.00
63) Phenanthrene-d10	17.45	188	277489	20.00	ng	0.00
75) Chrysene-d12	21.72	240	320622	20.00	ng	-0.01
86) Perylene-d12	24.96	264	292754	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	295603	125.69	ng	0.00
7) Phenol-d6	7.23	99	390735	112.57	ng	0.00
23) Nitrobenzene-d5	9.24	82	301846	96.54	ng	-0.01
41) 2,4,6-Tribromophenol	16.19	330	190616	147.72	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	656551	84.67	ng	0.00
78) Terphenyl-d14	20.06	244	1325415	86.59	ng	0.00

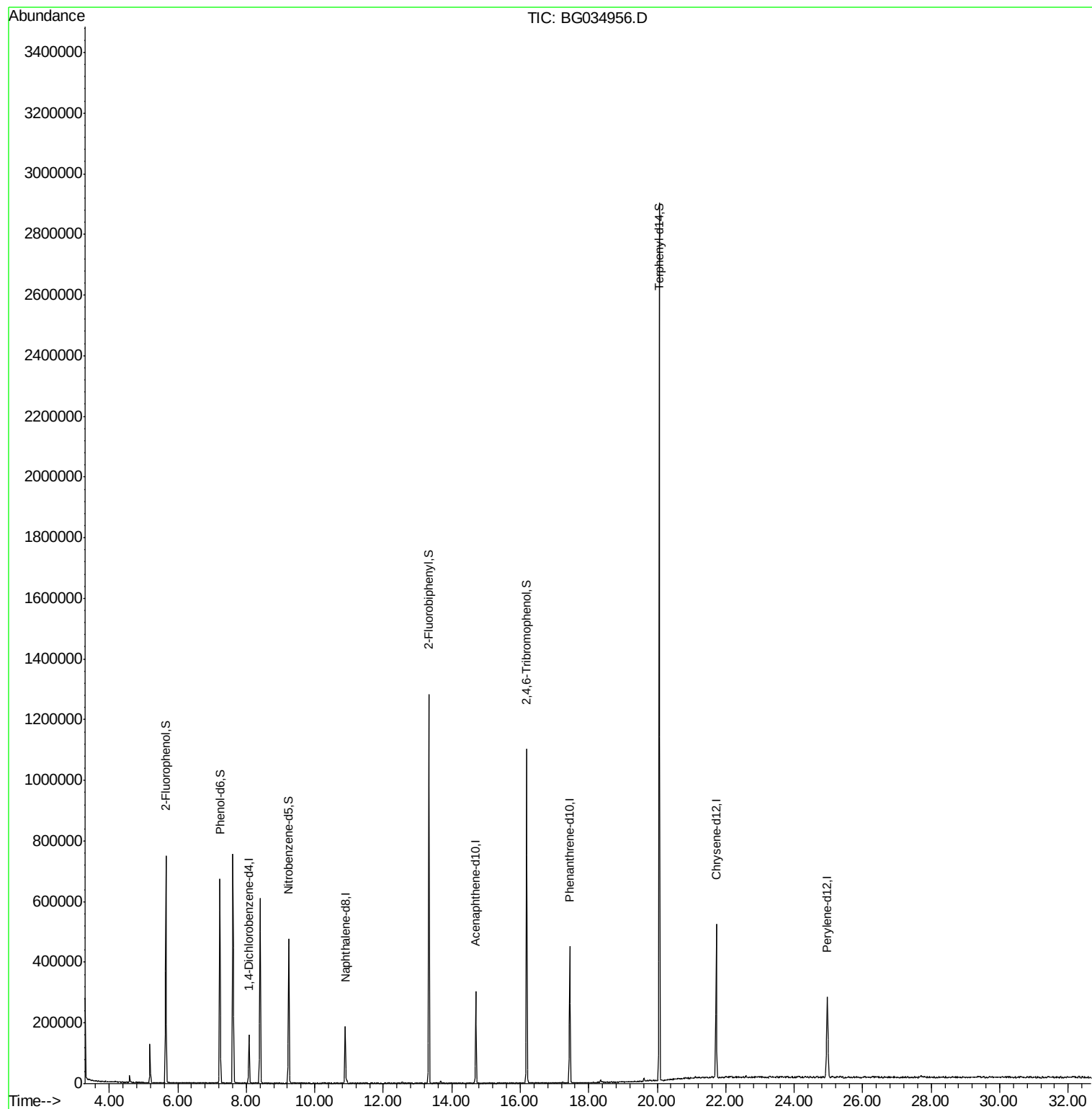
Target Compounds Qvalue

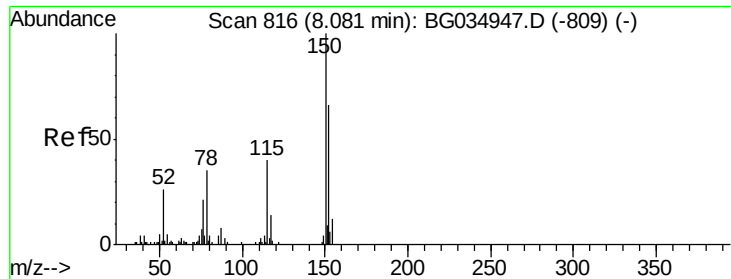
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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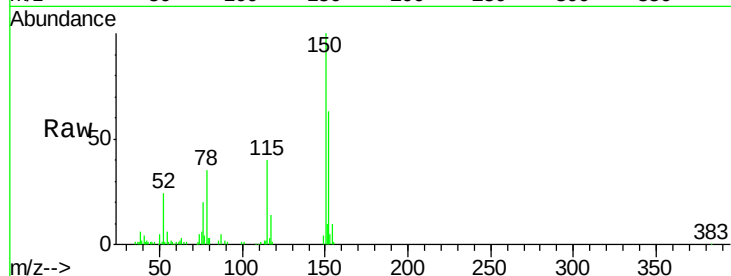


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.01 min
Lab File: BG034956.D
Acq: 7 Jun 2018 17:26

Instrument :
BNA_G
ClientSampleId :
HR-06-060518-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	126.6	189.8
115	63.4	53.0	79.4

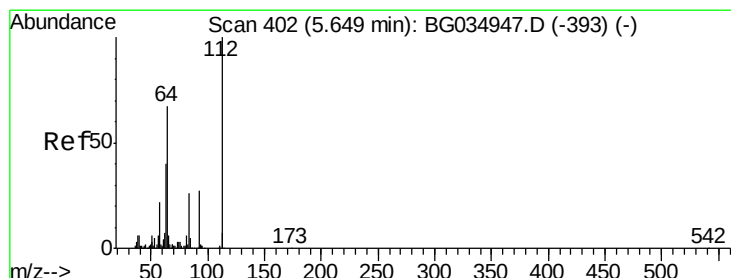
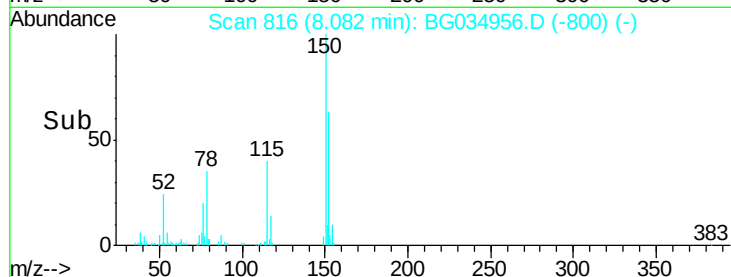
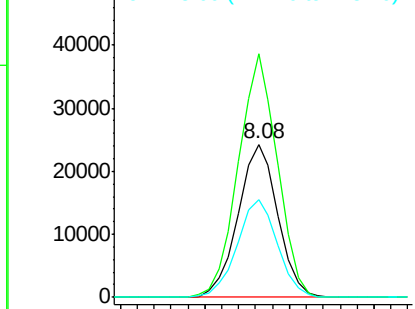


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

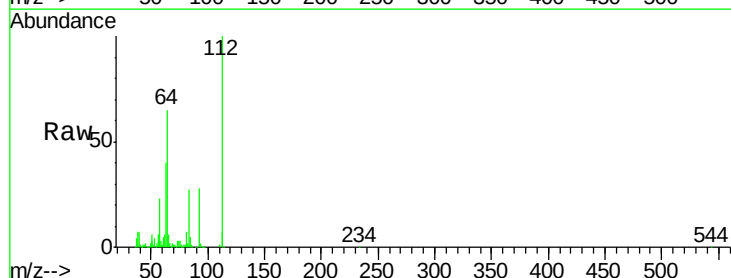
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 125.693 ng
RT: 5.65 min Scan# 402
Delta R.T. 0.00 min
Lab File: BG034956.D
Acq: 7 Jun 2018 17:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.2	56.3	84.5
63	40.4	30.1	45.1

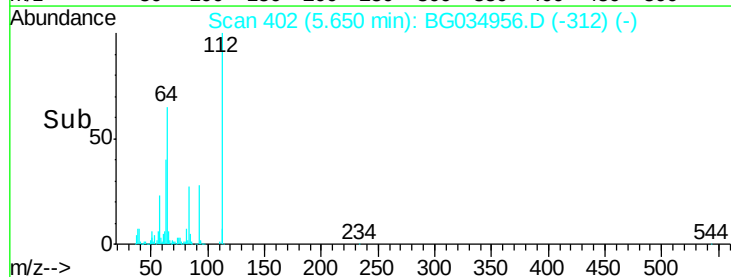
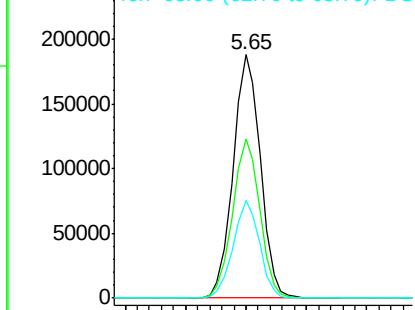


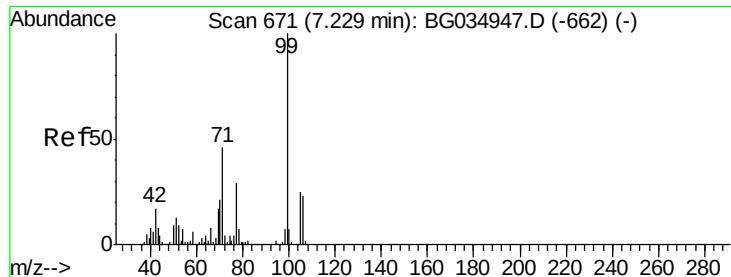
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 112.568 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.01 min

Lab File: BG034956.D

Acq: 7 Jun 2018 17:26

Instrument :

BNA_G

ClientSampleId :

HR-06-060518-A

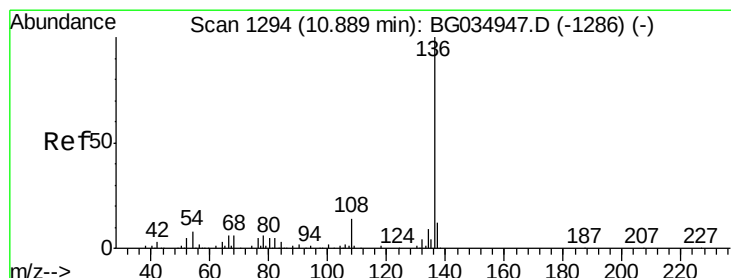
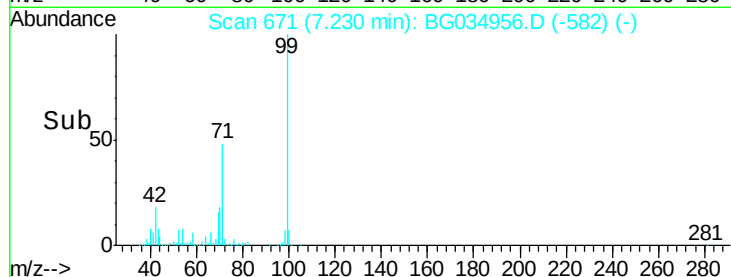
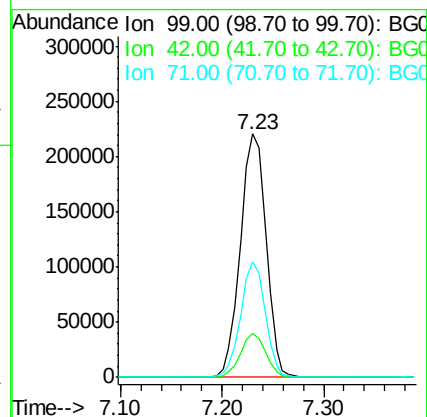
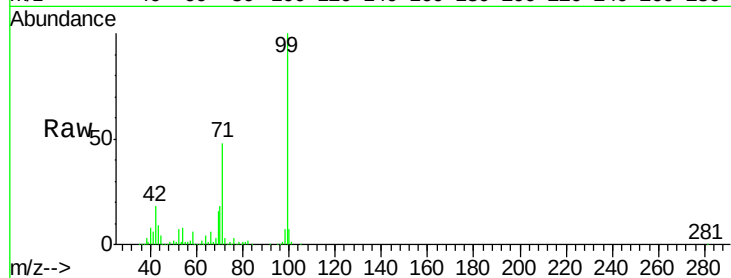
Tot Ion: 99 Resp: 390735

Ion Ratio Lower Upper

99 100

42 17.9 14.1 21.1

71 47.7 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.89 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BG034956.D

Acq: 7 Jun 2018 17:26

Tgt Ion: 136 Resp: 148622

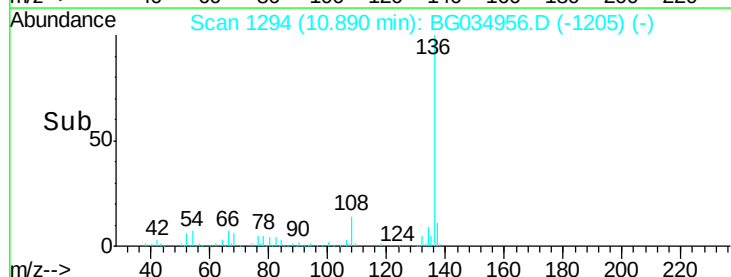
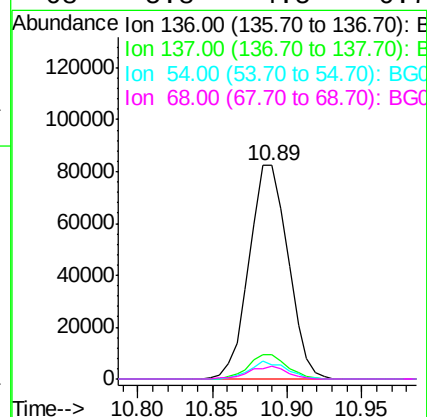
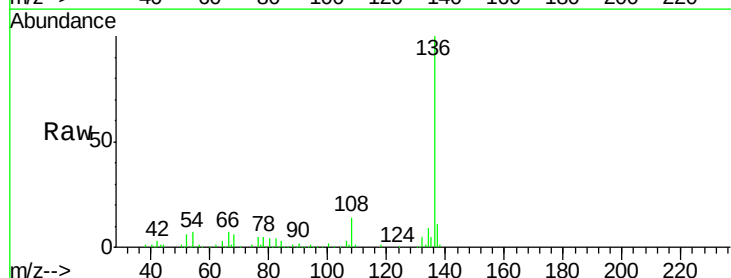
Ion Ratio Lower Upper

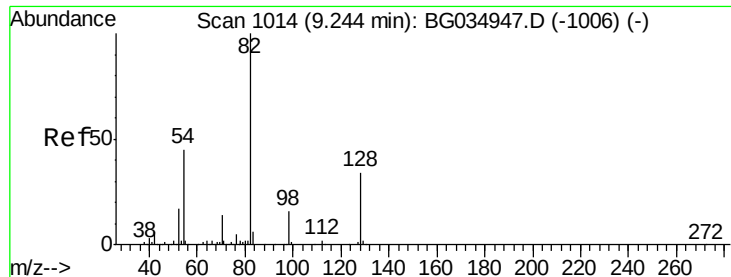
136 100

137 11.2 9.2 13.8

54 6.8 10.3 15.5#

68 5.8 4.5 6.7

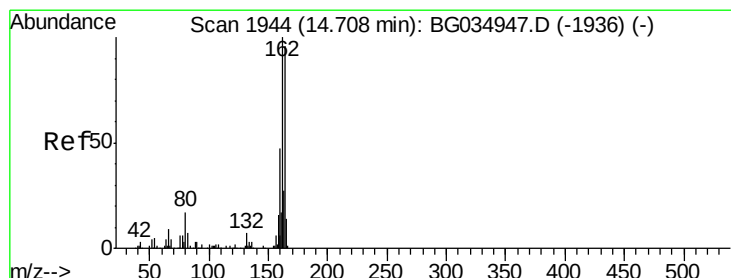
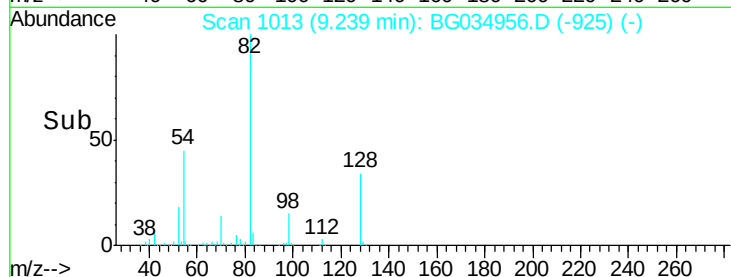
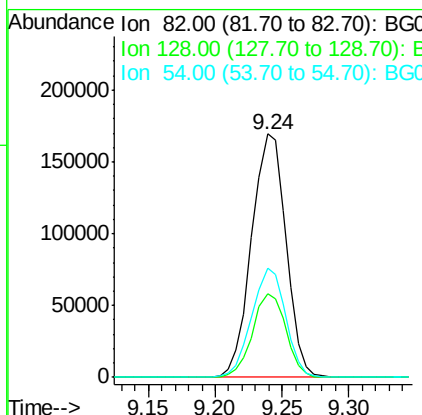
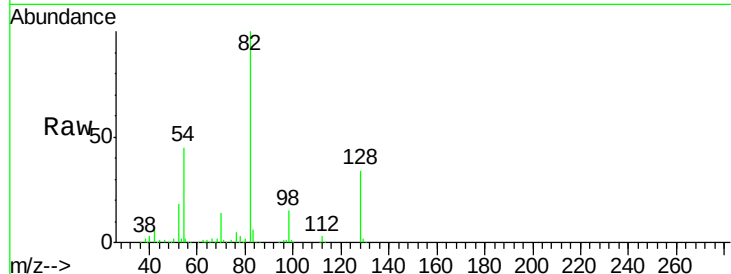




#23
 Nitrobenzene-d5
 Concen: 96.541 ng
 RT: 9.24 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: BG034956.D
 Acq: 7 Jun 2018 17:26

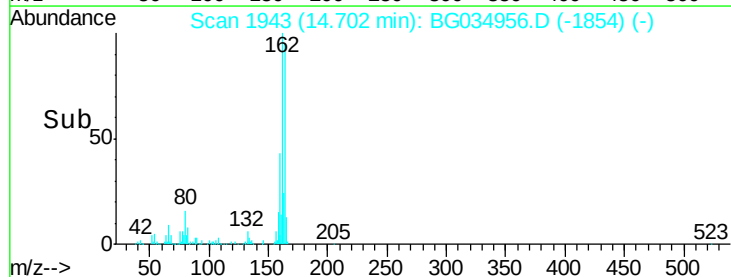
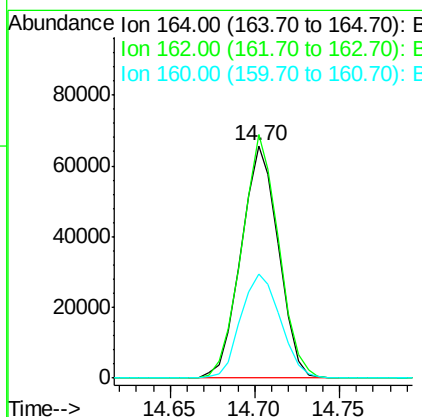
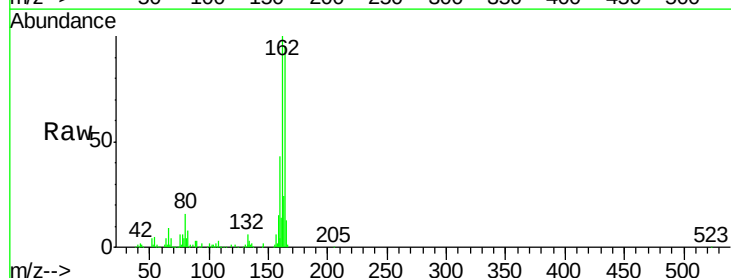
Instrument :
 BNA_G
 ClientSampleId :
 HR-06-060518-A

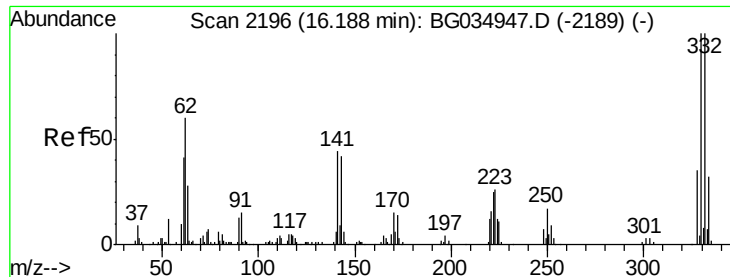
Tot Ion	82	Resp	301846
Ion Ratio	Lower	Upper	
82	100		
128	34.2	29.7	44.5
54	45.1	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1943
 Delta R.T. -0.01 min
 Lab File: BG034956.D
 Acq: 7 Jun 2018 17:26

Tgt Ion	164	Resp	100800
Ion Ratio	Lower	Upper	
164	100		
162	104.9	78.8	118.2
160	44.8	35.4	53.0

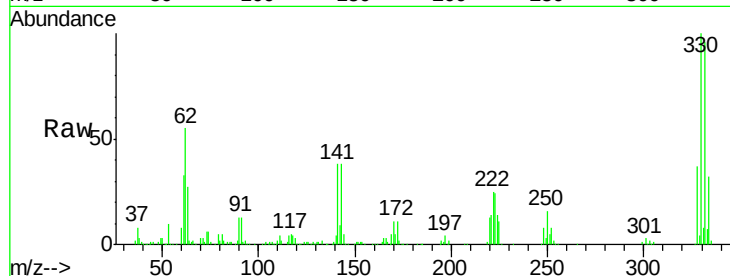




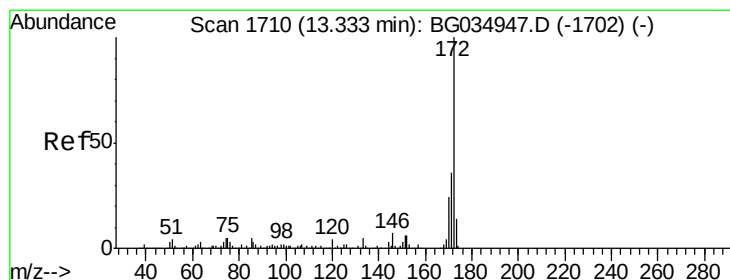
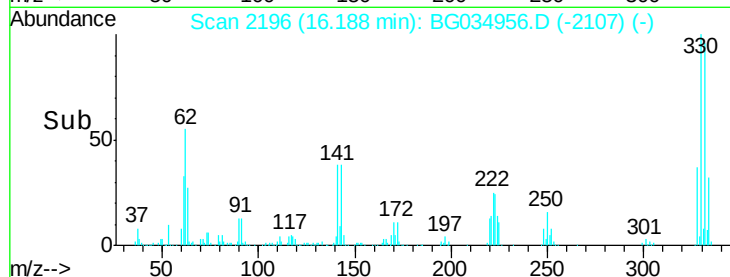
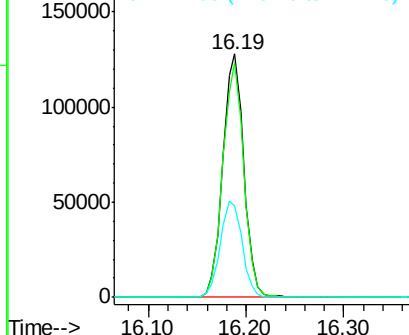
#41
 2,4,6-Tribromophenol
 Concen: 147.722 ng
 RT: 16.19 min Scan# 2196
 Delta R.T. -0.01 min
 Lab File: BG034956.D
 Acq: 7 Jun 2018 17:26

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-060518-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	41.5	25.2	37.8#

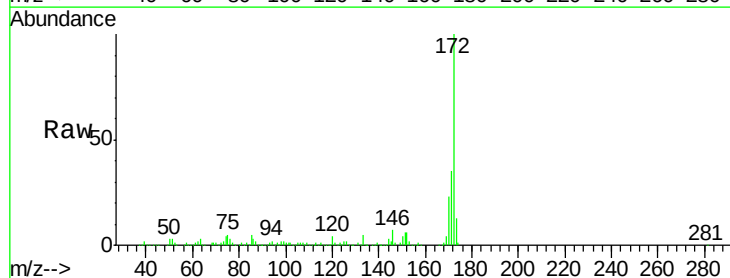


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

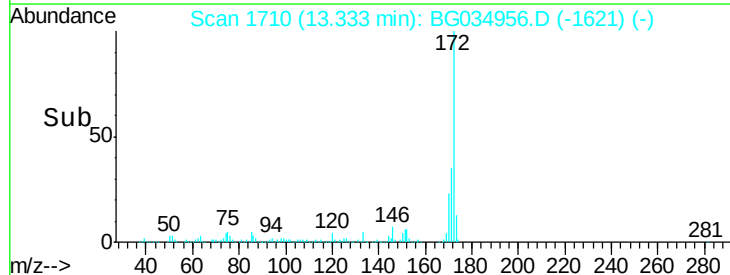
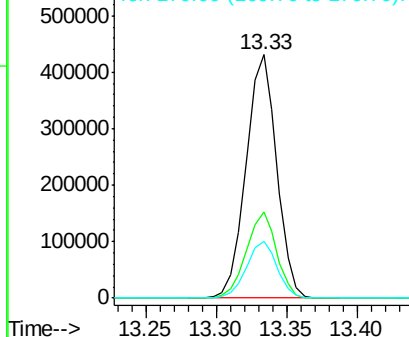


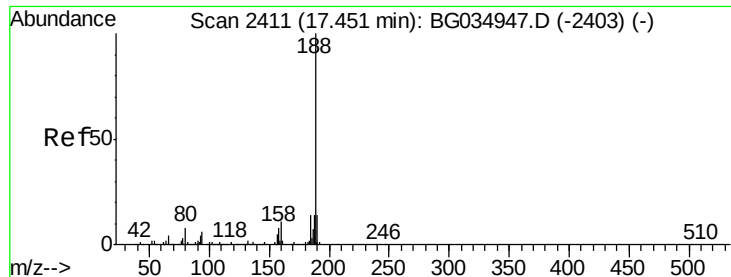
#44
 2-Fluorobiphenyl
 Concen: 84.674 ng
 RT: 13.33 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG034956.D
 Acq: 7 Jun 2018 17:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	30.0	45.0
170	23.2	19.5	29.3



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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2410

Delta R.T. -0.01 min

Lab File: BG034956.D

Acq: 7 Jun 2018 17:26

Instrument :

BNA_G

ClientSampleId :

HR-06-060518-A

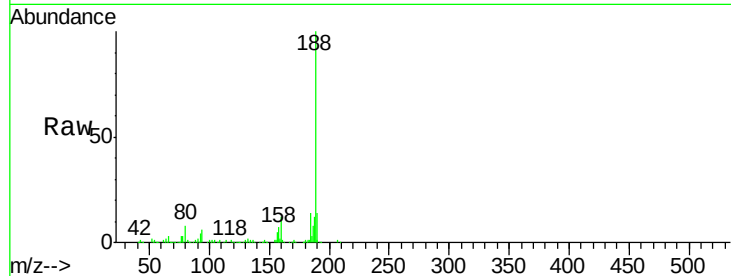
Tot Ion:188 Resp: 277489

Ion Ratio Lower Upper

188 100

94 6.3 6.9 10.3#

80 8.4 7.7 11.5



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

250000

200000

150000

100000

50000

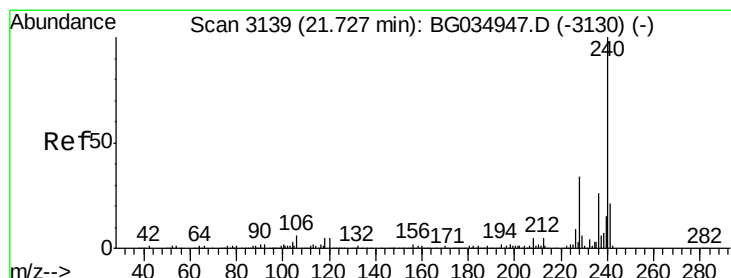
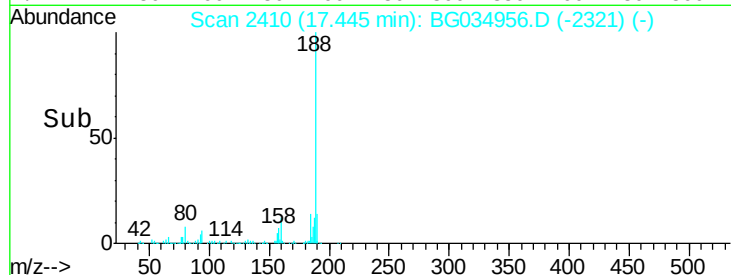
0

17.40

17.45

17.50

Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.72 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG034956.D

Acq: 7 Jun 2018 17:26

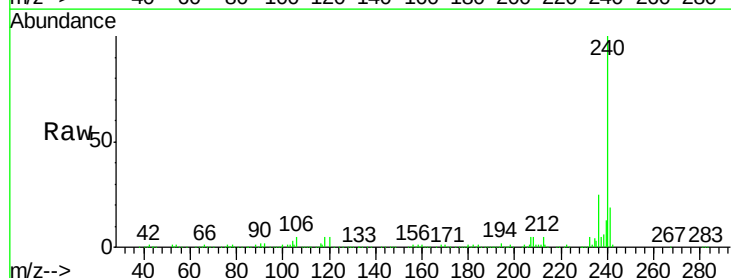
Tgt Ion:240 Resp: 320622

Ion Ratio Lower Upper

240 100

120 5.2 6.8 10.2#

236 24.9 20.9 31.3



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

250000

200000

150000

100000

50000

0

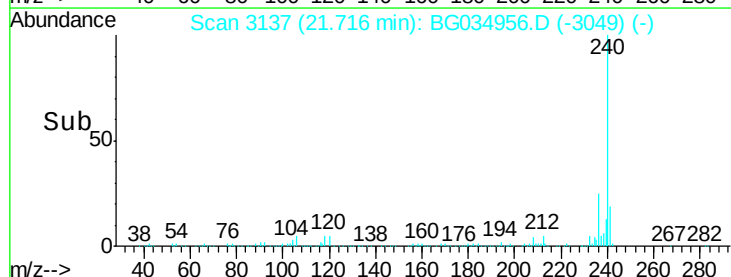
21.65

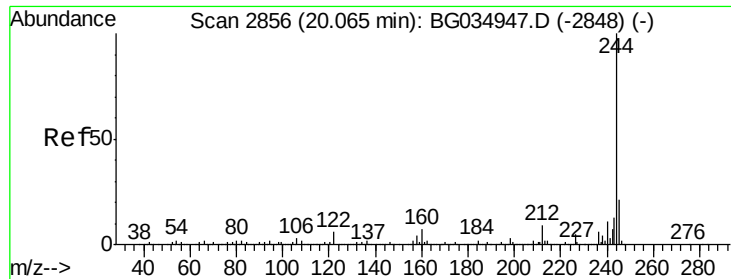
21.70

21.75

21.80

Time-->





#78

Terphenyl-d14

Concen: 86.591 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG034956.D

Acq: 7 Jun 2018 17:26

Instrument :

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ClientSampleId :

HR-06-060518-A

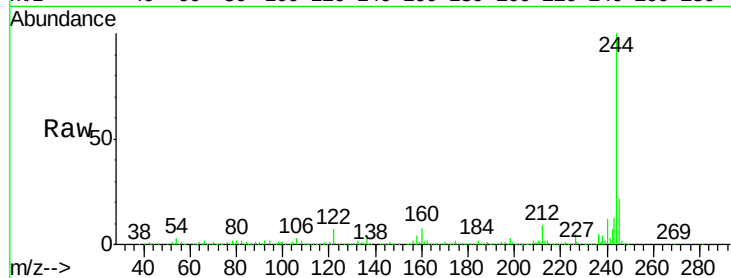
Tot Ion:244 Resp: 1325415

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

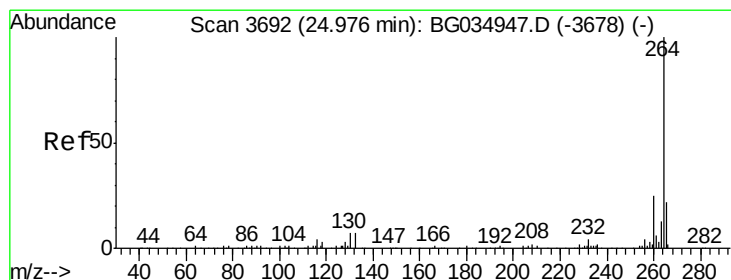
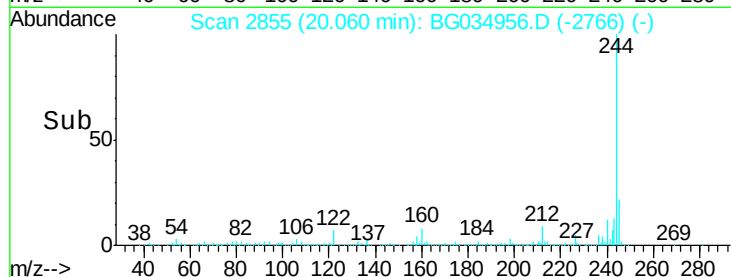
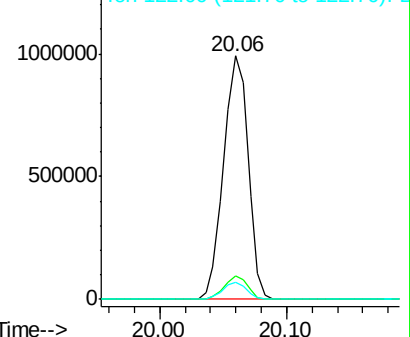
122 7.1 7.0 10.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.96 min Scan# 3690

Delta R.T. -0.02 min

Lab File: BG034956.D

Acq: 7 Jun 2018 17:26

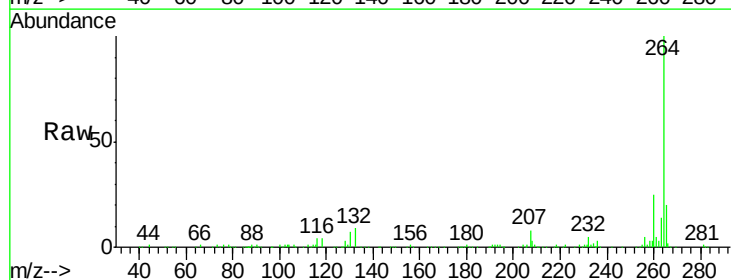
Tgt Ion:264 Resp: 292754

Ion Ratio Lower Upper

264 100

260 24.7 17.4 26.0

265 20.3 17.7 26.5



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

