

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091818\
 Data File : BG036793.D
 Acq On : 18 Sep 2018 19:47
 Operator : JU/SJ
 Sample : J4942-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RB32727RT

Quant Time: Sep 19 07:04:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	58908	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	234930	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	144109	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	359913	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	373478	20.00	ng	-0.01
86) Perylene-d12	24.89	264	366350	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	395133	106.40	ng	0.00
7) Phenol-d6	7.21	99	501320	94.29	ng	-0.01
23) Nitrobenzene-d5	9.21	82	372693	86.07	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	222445	129.36	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	821989	81.44	ng	-0.02
78) Terphenyl-d14	20.03	244	1374421	86.02	ng	0.00

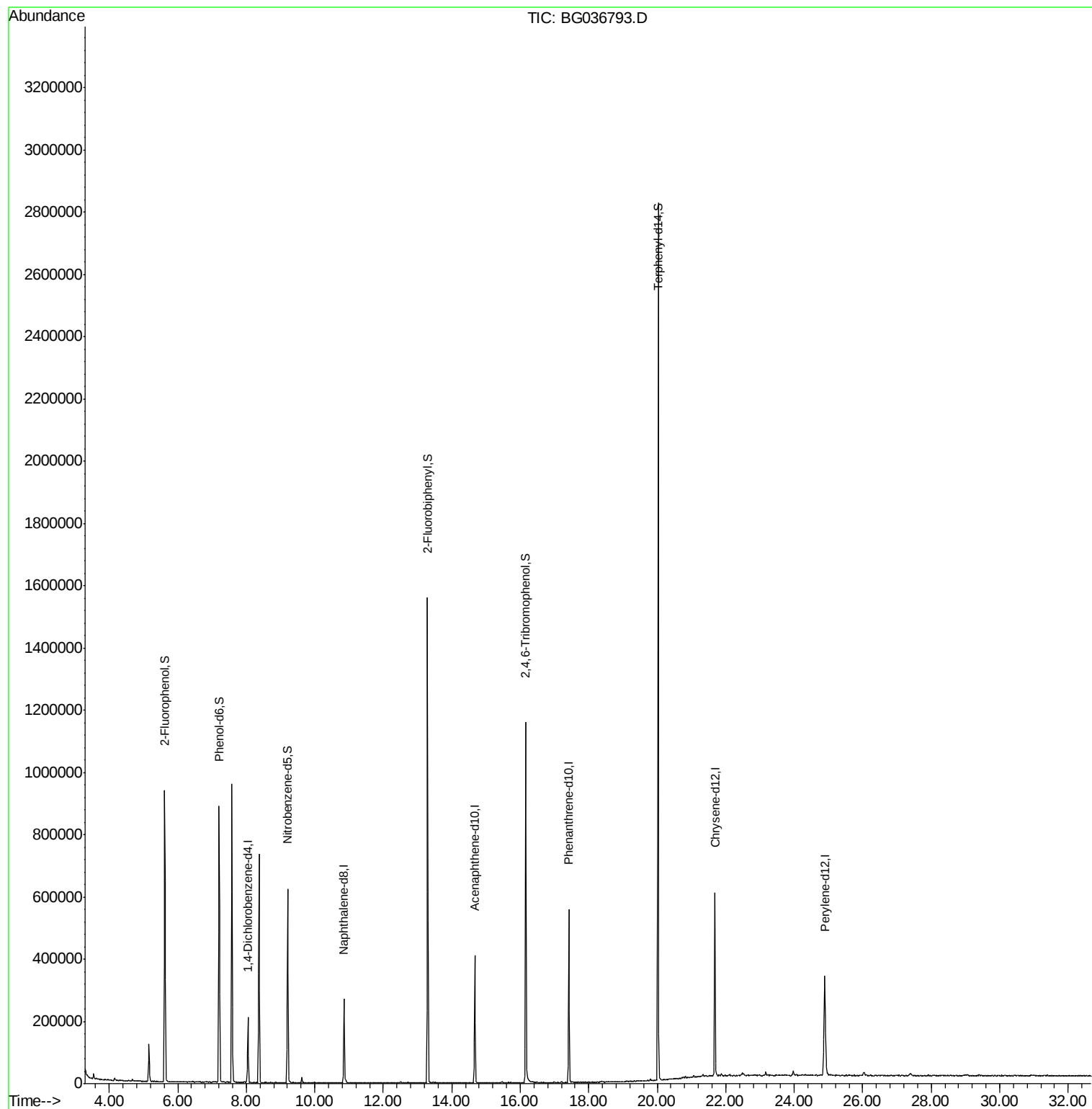
Target Compounds Qvalue

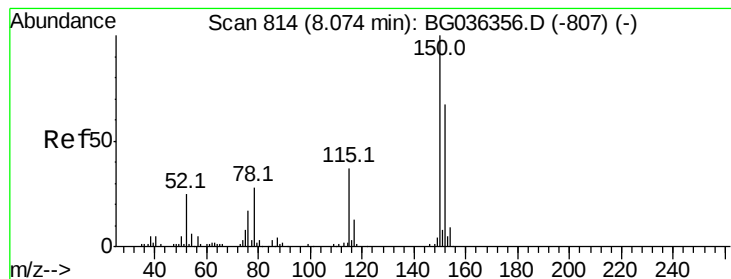
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 810

Delta R.T. -0.02 min

Lab File: BG036793.D

Acq: 18 Sep 2018 19:47

Instrument :

BNA_G

ClientSampleId :

RB32727RT

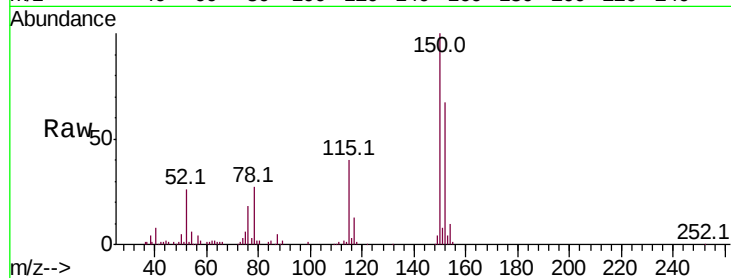
Tot Ion:152 Resp: 58908

Ion Ratio Lower Upper

152 100

150 149.6 119.5 179.3

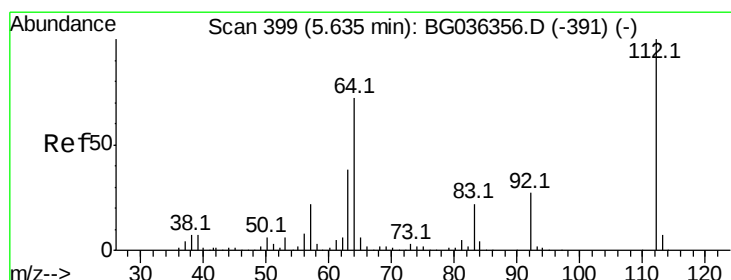
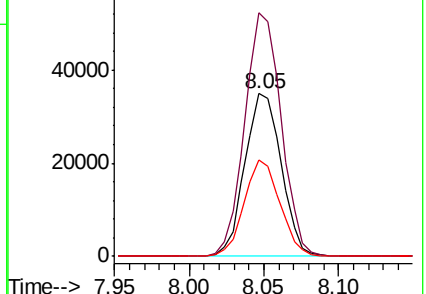
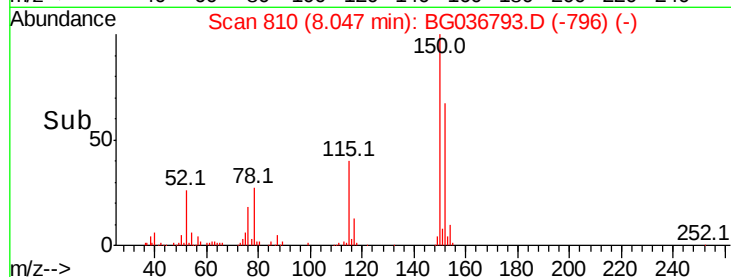
115 59.2 44.5 66.7



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: 106.403 ng

RT: 5.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BG036793.D

Acq: 18 Sep 2018 19:47

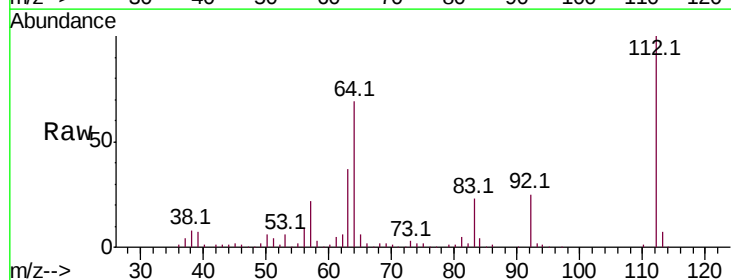
Tgt Ion:112 Resp: 395133

Ion Ratio Lower Upper

112 100

64 68.9 57.2 85.8

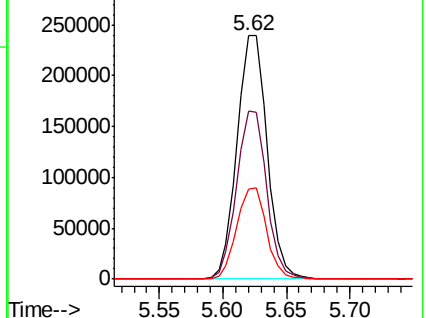
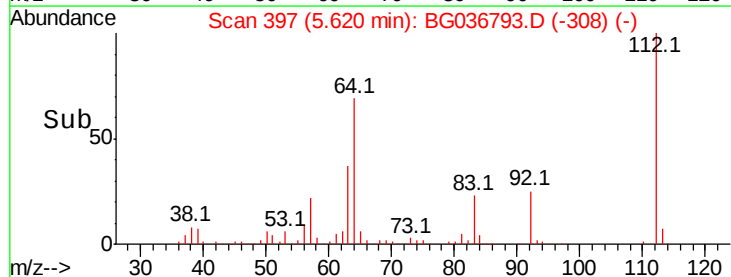
63 37.0 30.8 46.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 94.288 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036793.D

Acq: 18 Sep 2018 19:47

Instrument :

BNA_G

ClientSampleId :

RB32727RT

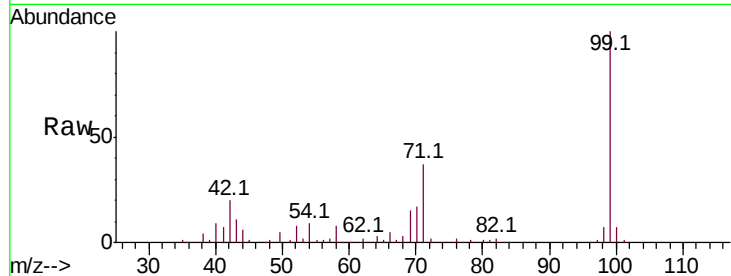
Tot Ion: 99 Resp: 501320

Ion Ratio Lower Upper

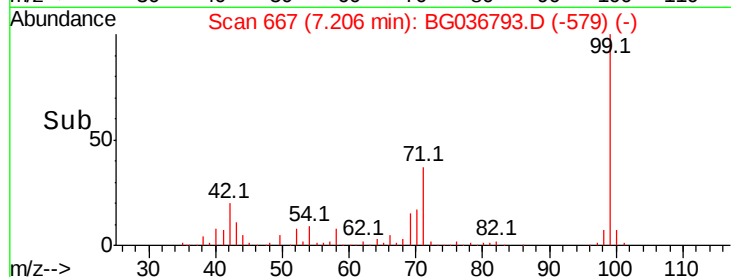
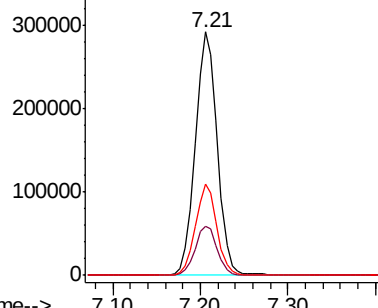
99 100

42 20.1 16.5 24.7

71 37.5 29.4 44.2



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: 10.86 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BG036793.D

Acq: 18 Sep 2018 19:47

Tgt Ion: 136 Resp: 234930

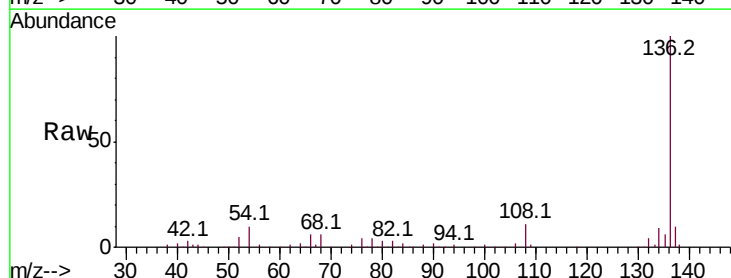
Ion Ratio Lower Upper

136 100

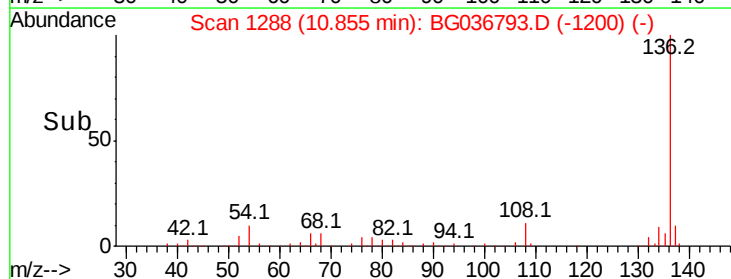
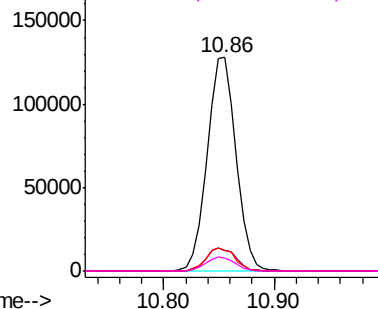
137 9.8 8.8 13.2

54 9.9 9.2 13.8

68 5.9 5.8 8.6



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

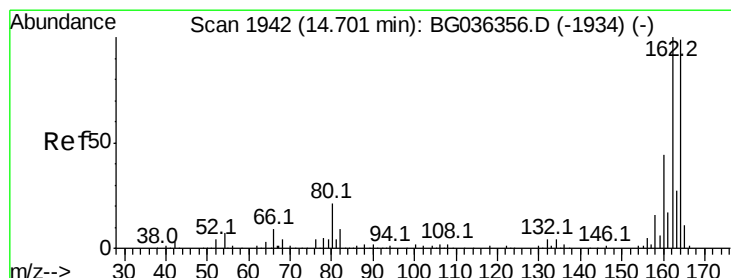
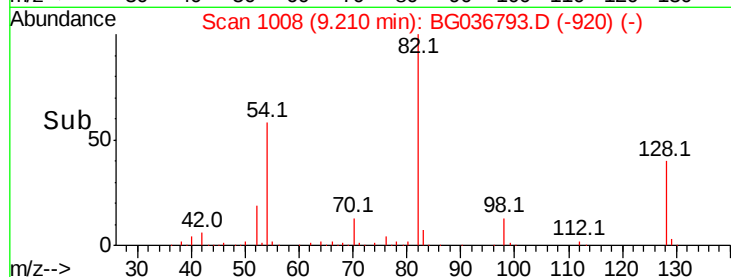
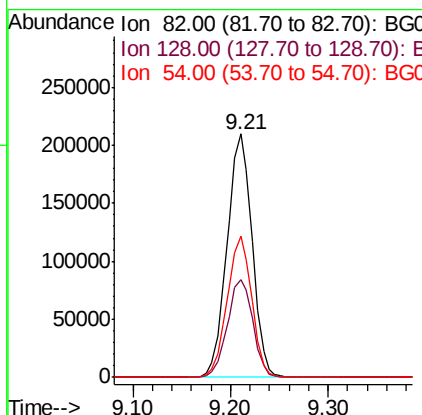
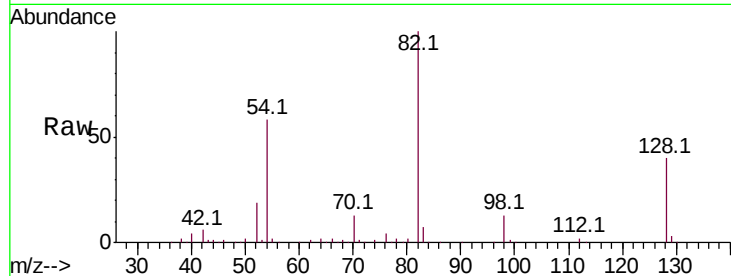




#23
Nitrobenzene-d5
Concen: 86.073 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036793.D
Acq: 18 Sep 2018 19:47

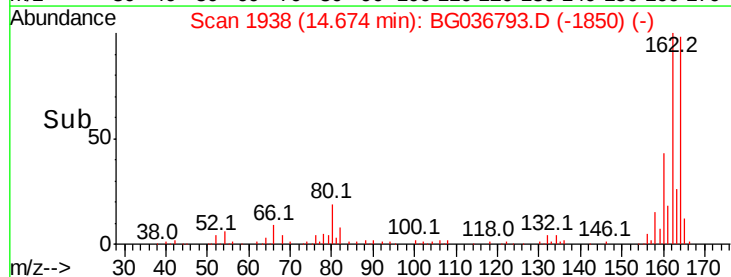
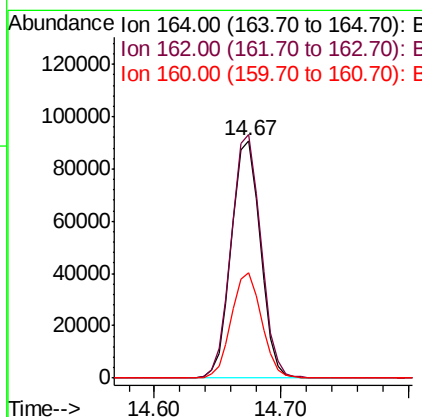
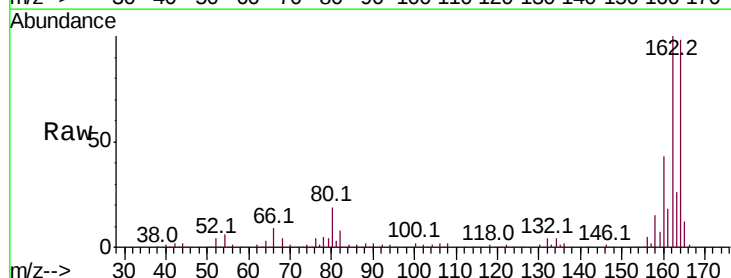
Instrument :
BNA_G
ClientSampleId :
RB32727RT

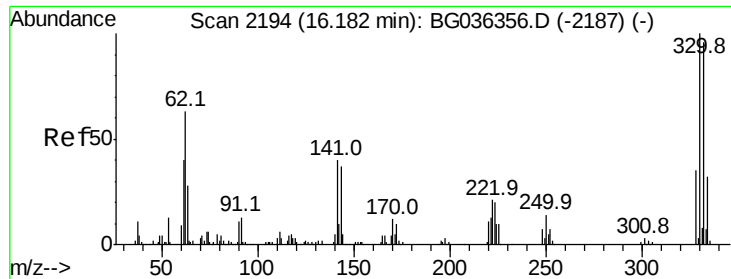
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.3	33.3	49.9
54	57.8	45.1	67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG036793.D
Acq: 18 Sep 2018 19:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	80.7	121.1
160	44.5	35.3	52.9

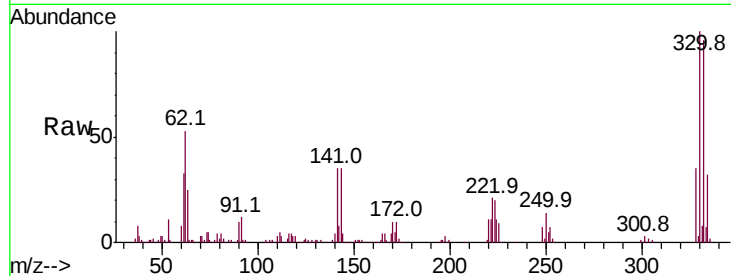




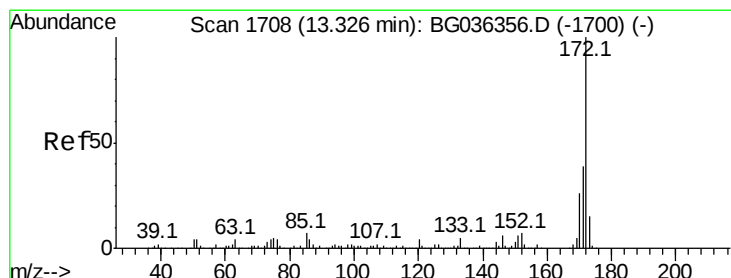
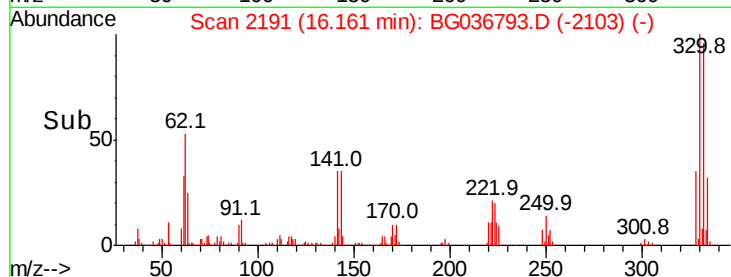
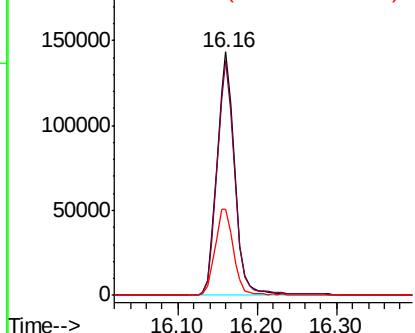
#41
 2,4,6-Tribromophenol
 Concen: 129.363 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036793.D
 Acq: 18 Sep 2018 19:47

Instrument :
 BNA_G
 ClientSampleId :
 RB32727RT

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.4	113.2
141	37.2	30.7	46.1

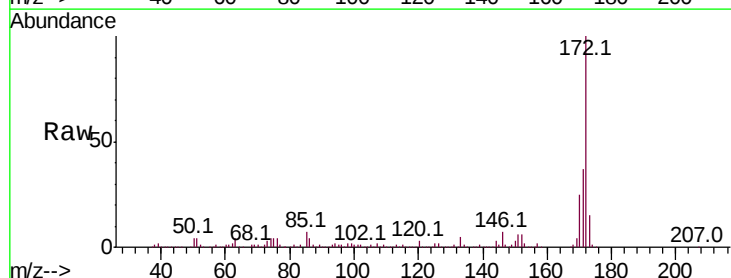


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

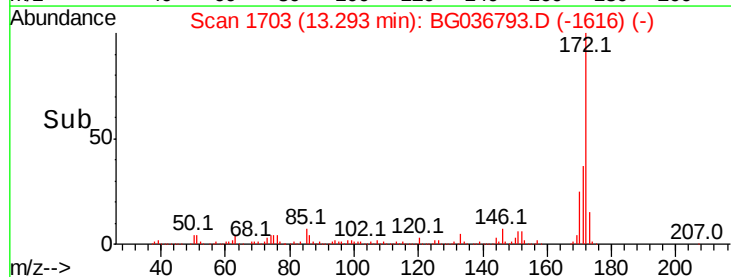
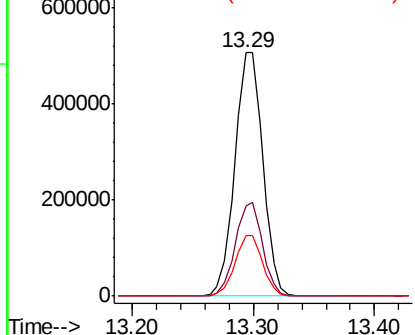


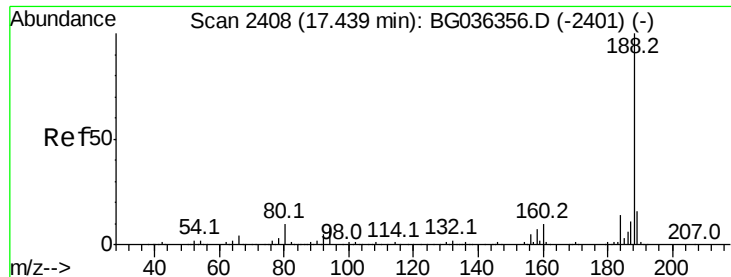
#44
 2-Fluorobiphenyl
 Concen: 81.442 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BG036793.D
 Acq: 18 Sep 2018 19:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	31.3	46.9
170	25.0	21.0	31.6



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

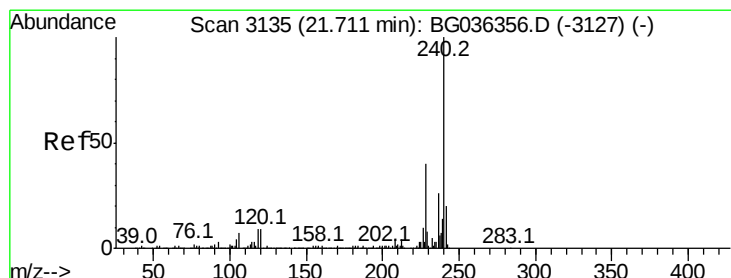
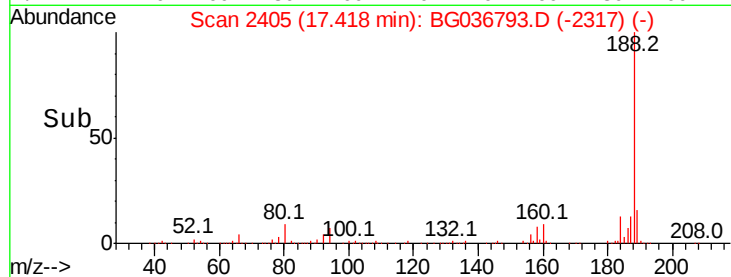
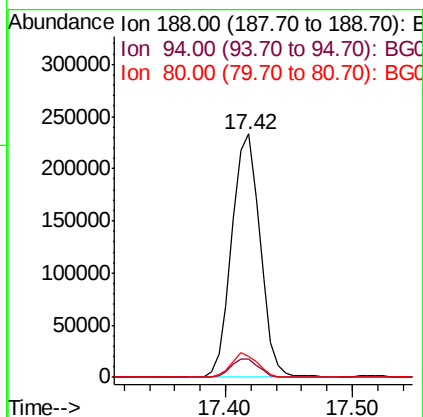
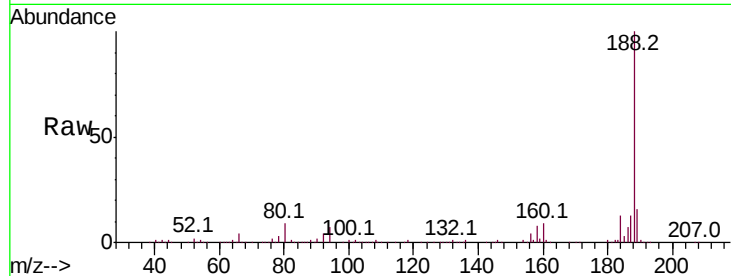




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036793.D
Acq: 18 Sep 2018 19:47

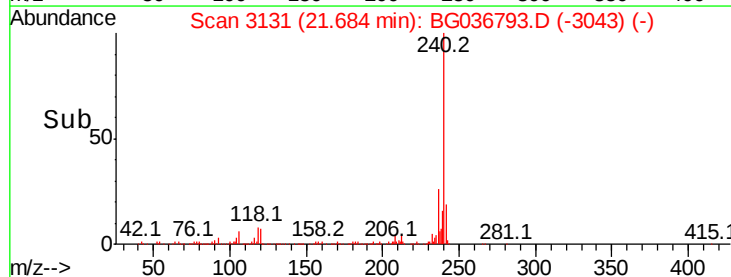
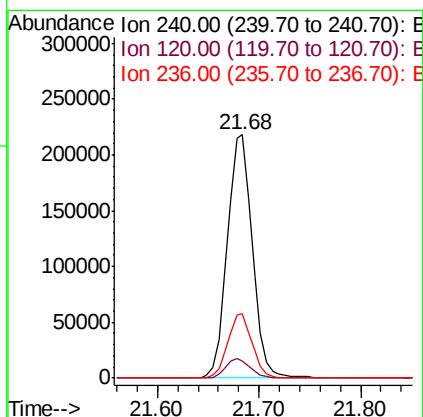
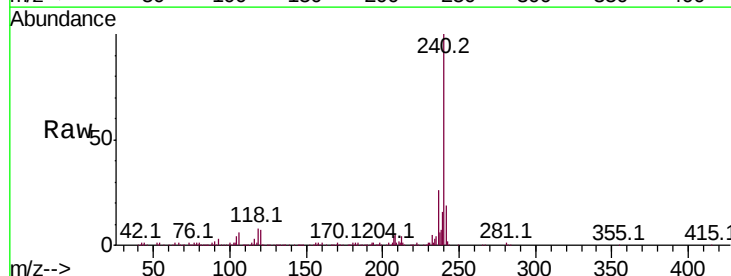
Instrument :
BNA_G
ClientSampleId :
RB32727RT

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.7	10.1
80	8.5	8.1	12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036793.D
Acq: 18 Sep 2018 19:47

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.9	6.9	10.3#
236	26.5	21.2	31.8

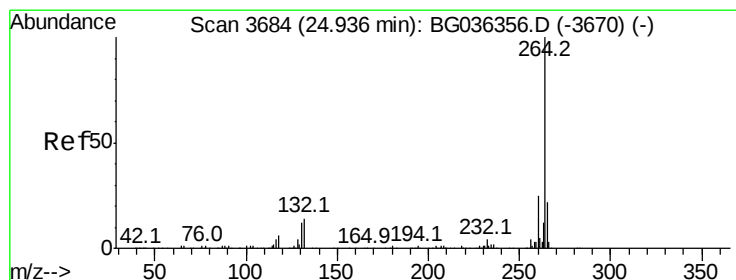
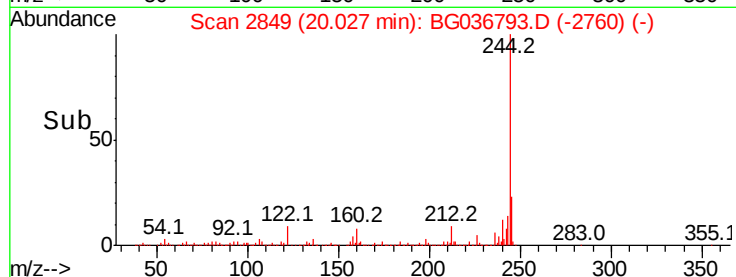
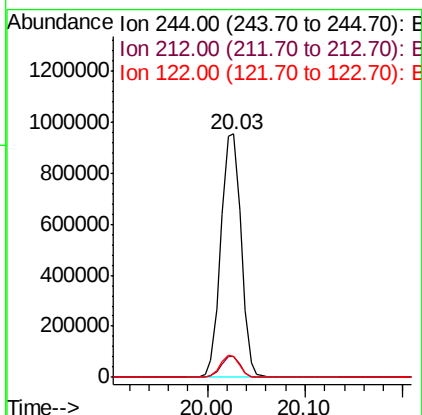
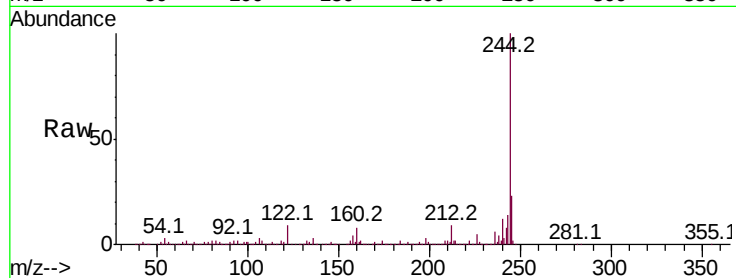




#78
 Terphenyl-d14
 Concen: 86.016 ng
 RT: 20.03 min Scan# 2849
 Delta R.T. -0.01 min
 Lab File: BG036793.D
 Acq: 18 Sep 2018 19:47

Instrument :
 BNA_G
 ClientSampleId :
 RB32727RT

Tot Ion:244 Resp: 1374421
 Ion Ratio Lower Upper
 244 100
 212 8.7 7.0 10.6
 122 8.8 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3676
 Delta R.T. -0.02 min
 Lab File: BG036793.D
 Acq: 18 Sep 2018 19:47

Tgt Ion:264 Resp: 366350
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.6 29.4
 265 23.5 17.4 26.0

