

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091718\
 Data File : BG036778.D
 Acq On : 18 Sep 2018 7:59
 Operator : JU/SJ
 Sample : J4929-12
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-PIT-11

Quant Time: Sep 18 11:30:02 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	58806	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	236906	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	150879	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	391026	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	410414	20.00	ng	0.00
86) Perylene-d12	24.89	264	405492	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	375271	101.23	ng	0.00
7) Phenol-d6	7.21	99	479507	90.34	ng	0.00
23) Nitrobenzene-d5	9.21	82	365763	83.77	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	217495	120.81	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	812673	76.91	ng	-0.02
78) Terphenyl-d14	20.03	244	1399388	79.70	ng	0.00

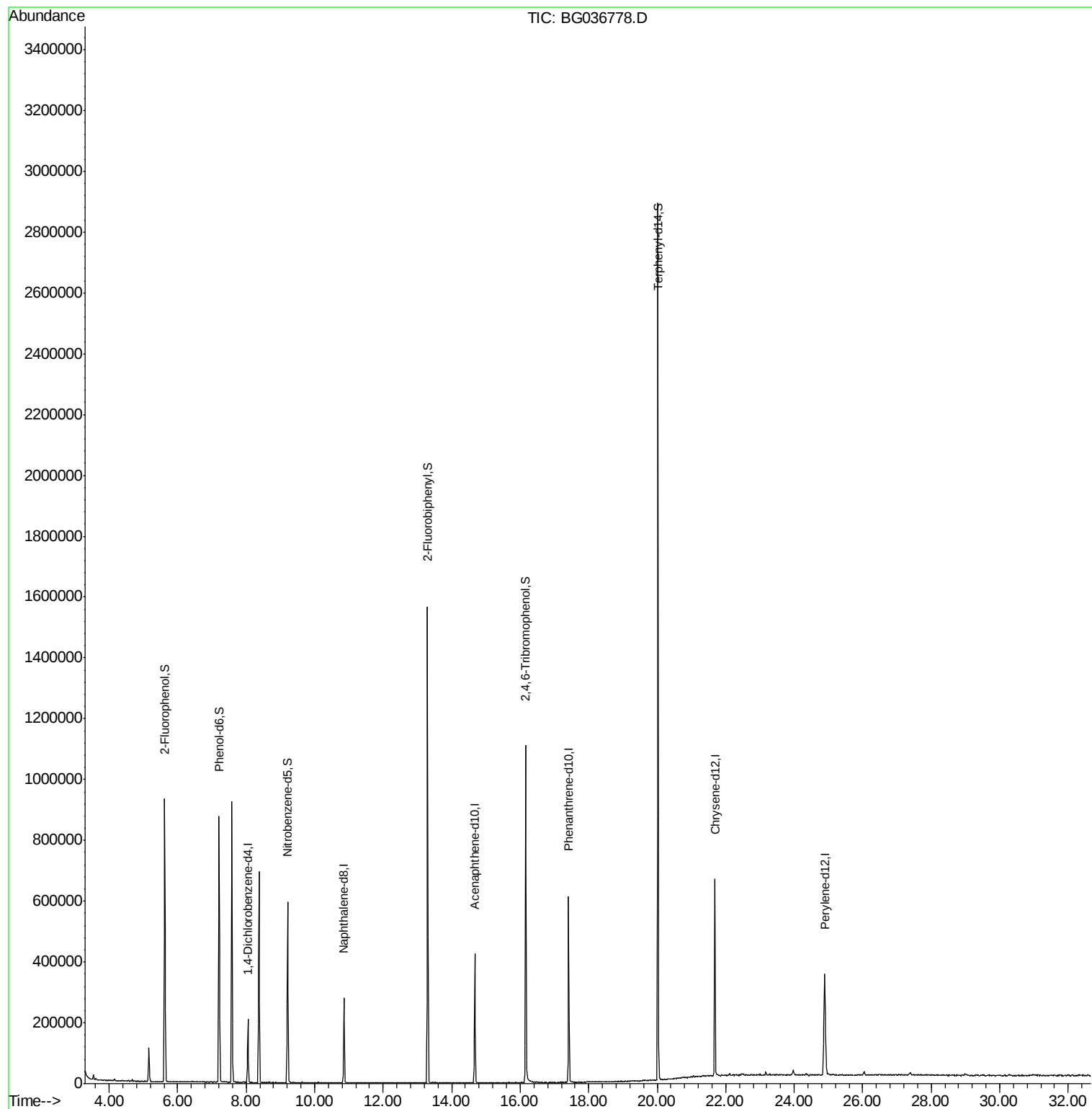
Target Compounds Qvalue

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

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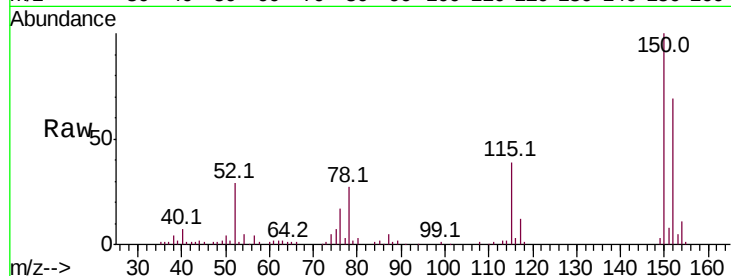


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.02 min
Lab File: BG036778.D
Acq: 18 Sep 2018 7:59

Instrument :
BNA_G
ClientSampleId :
SP-PIT-11

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.6	119.5	179.3
115	56.3	44.5	66.7

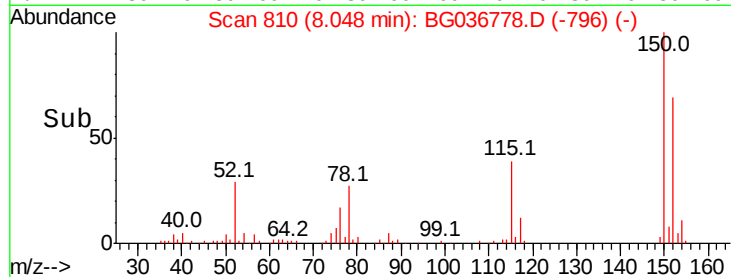
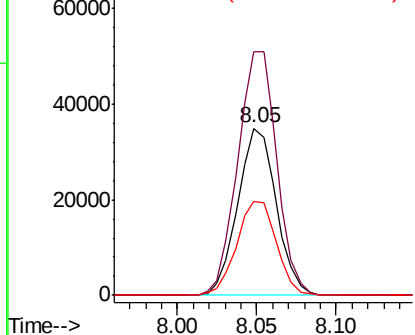


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

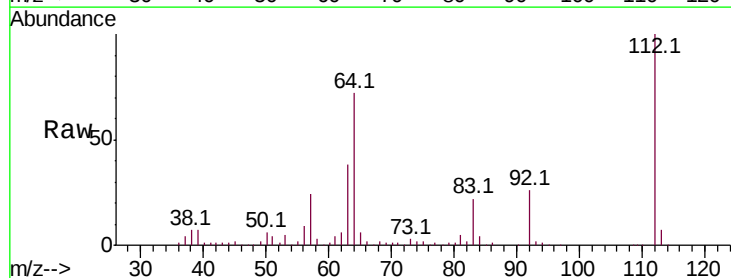
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 101.230 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036778.D
Acq: 18 Sep 2018 7:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.1	57.2	85.8
63	37.8	30.8	46.2

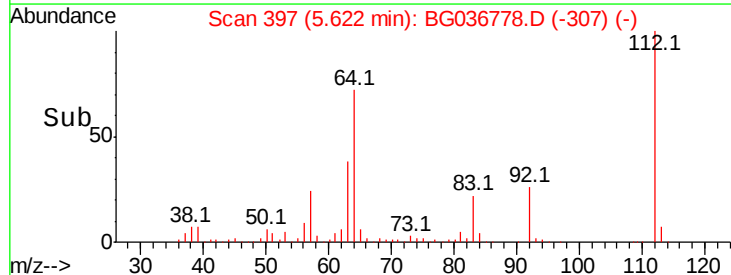
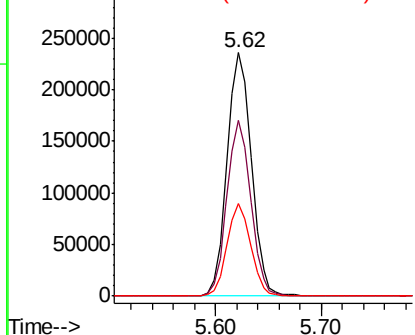


Abundance

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: 90.342 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036778.D

Acq: 18 Sep 2018 7:59

Instrument :

BNA_G

ClientSampleId :

SP-PIT-11

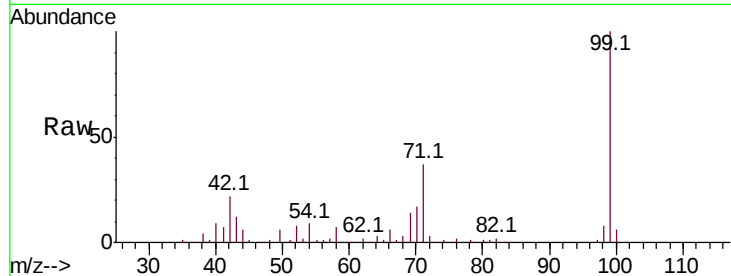
Tot Ion: 99 Resp: 479507

Ion Ratio Lower Upper

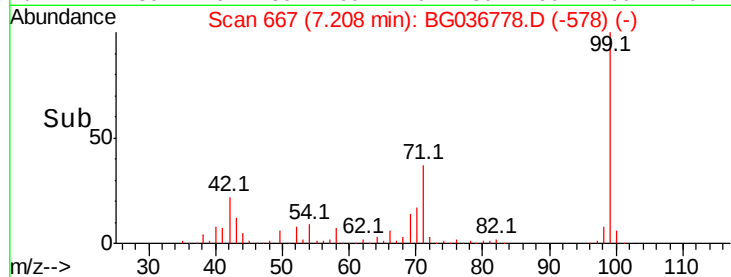
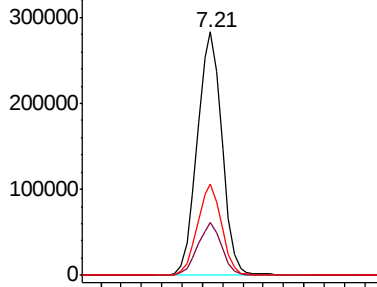
99 100

42 21.6 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: BG036778.D

Acq: 18 Sep 2018 7:59

Tgt Ion: 136 Resp: 236906

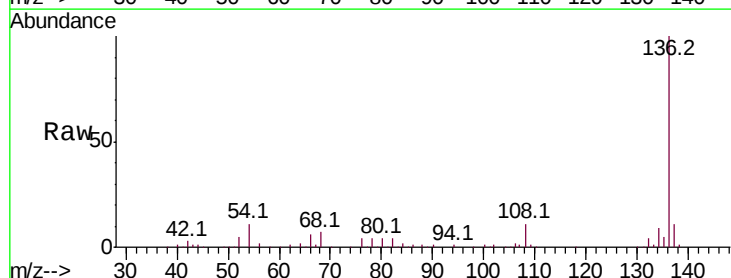
Ion Ratio Lower Upper

136 100

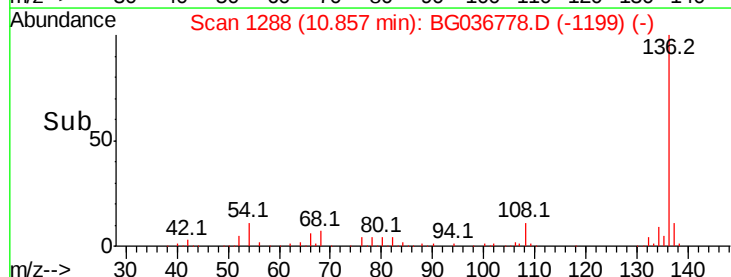
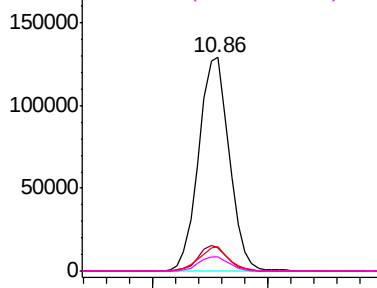
137 10.9 8.8 13.2

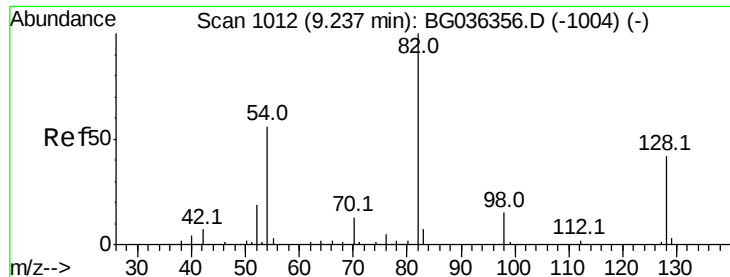
54 11.5 9.2 13.8

68 6.5 5.8 8.6



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

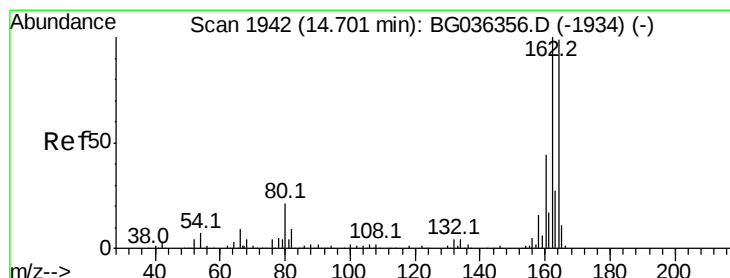
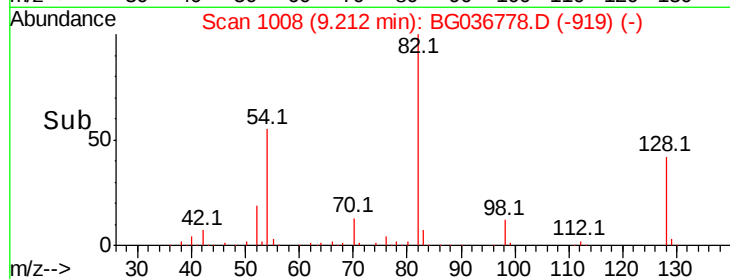
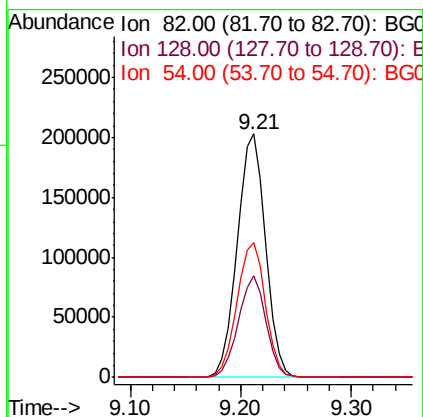
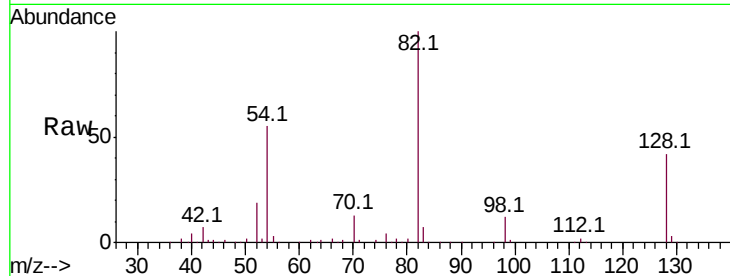




#23
Nitrobenzene-d5
Concen: 83.768 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036778.D
Acq: 18 Sep 2018 7:59

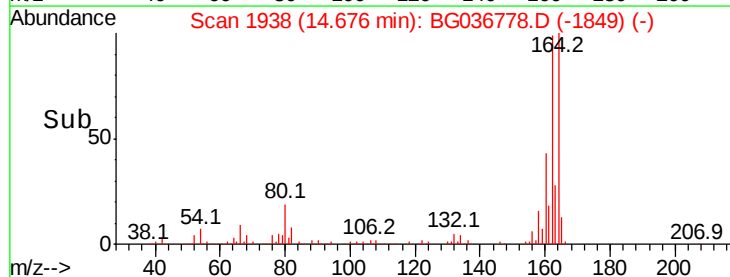
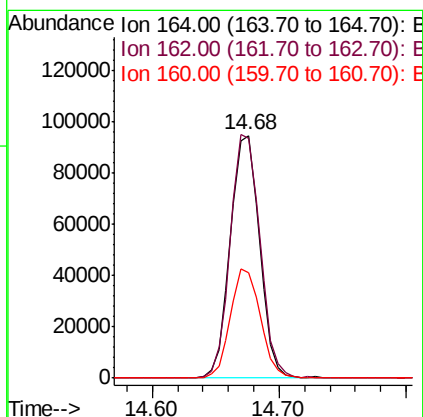
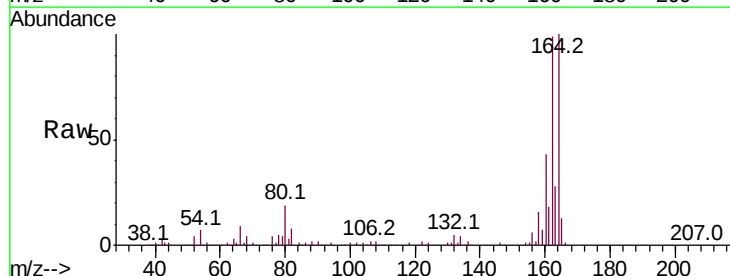
Instrument :
BNA_G
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SP-PIT-11

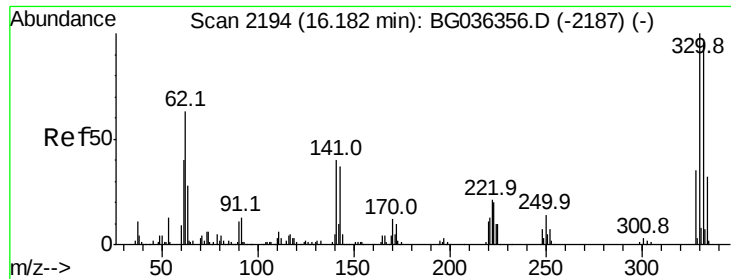
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.5	33.3	49.9
54	55.3	45.1	67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG036778.D
Acq: 18 Sep 2018 7:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.2	80.7	121.1
160	43.2	35.3	52.9

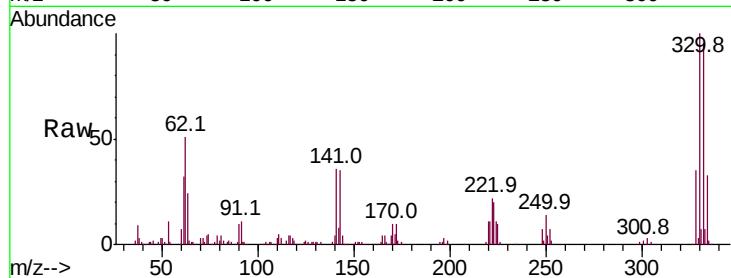




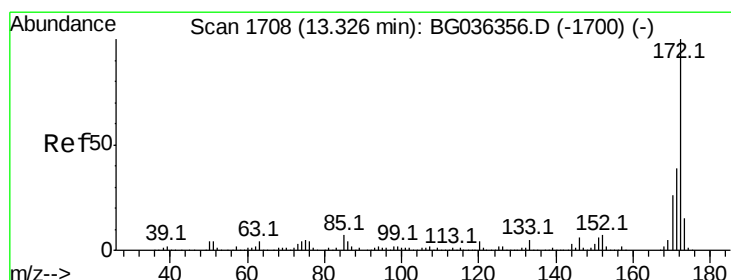
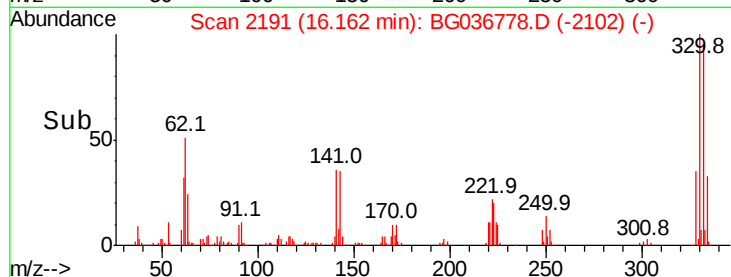
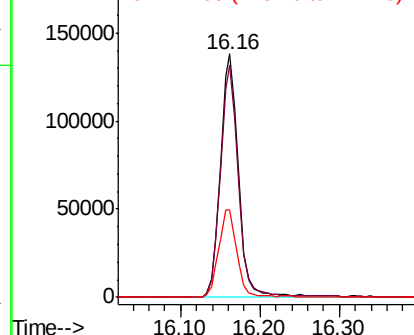
#41
 2,4,6-Tribromophenol
 Concen: 120.809 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036778.D
 Acq: 18 Sep 2018 7:59

Instrument :
 BNA_G
 ClientSampleId :
 SP-PIT-11

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	75.4	113.2
141	36.4	30.7	46.1

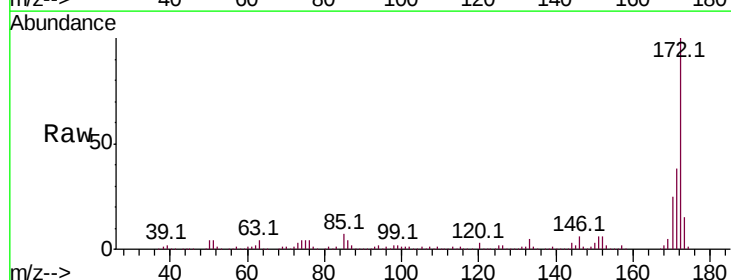


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

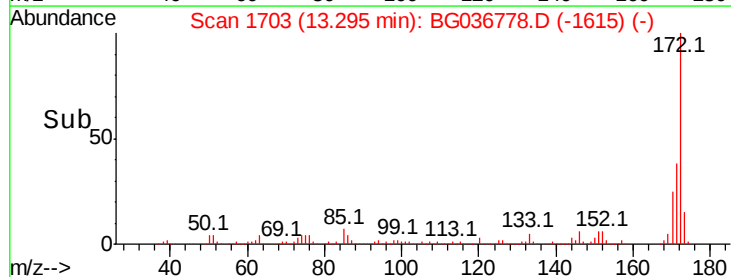
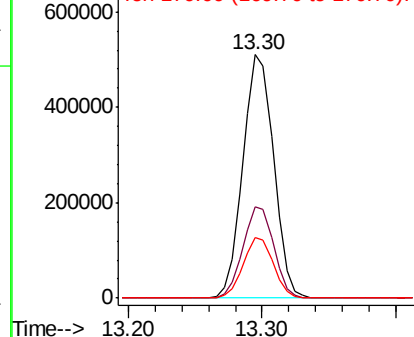


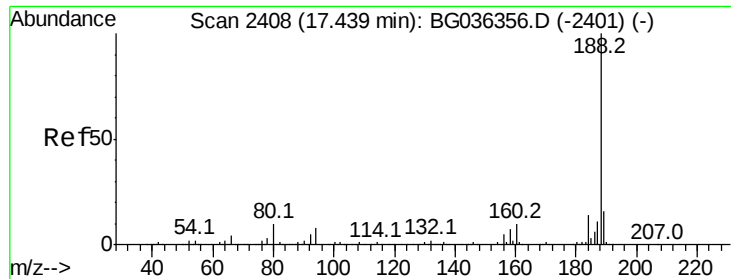
#44
 2-Fluorobiphenyl
 Concen: 76.906 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BG036778.D
 Acq: 18 Sep 2018 7:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.3	46.9
170	24.9	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

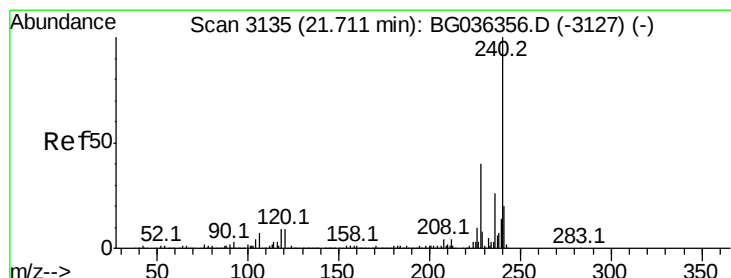
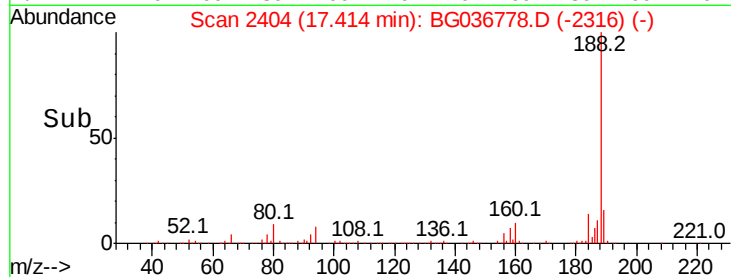
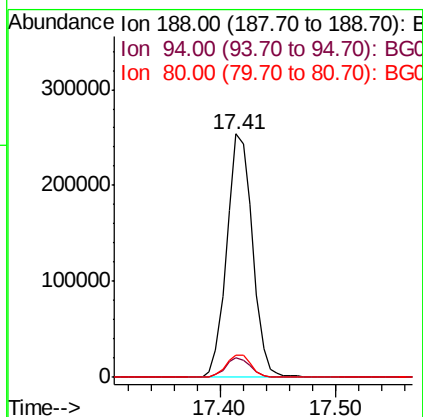
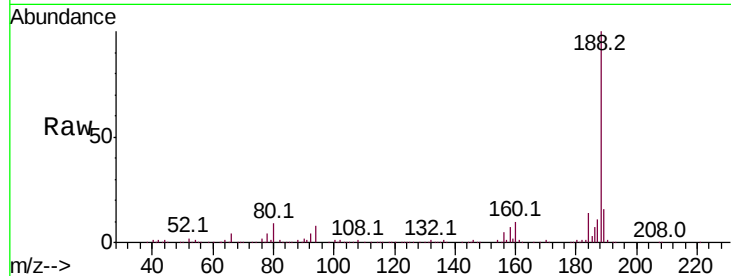




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.02 min
Lab File: BG036778.D
Acq: 18 Sep 2018 7:59

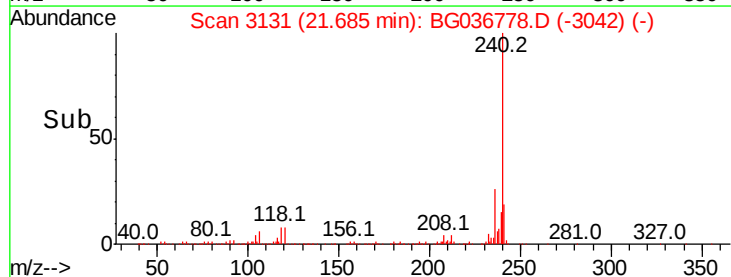
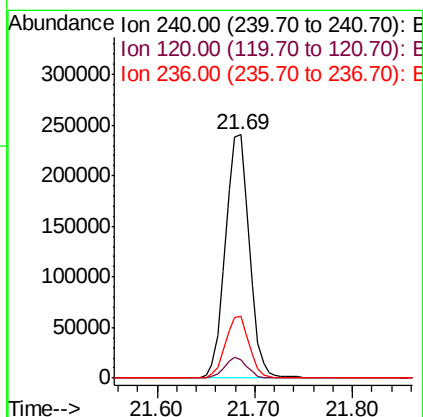
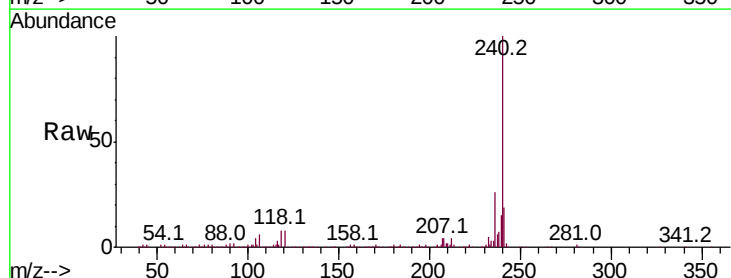
Instrument :
BNA_G
ClientSampleId :
SP-PIT-11

Tot Ion:188 Resp: 391026
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 9.1 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036778.D
Acq: 18 Sep 2018 7:59

Tgt Ion:240 Resp: 410414
Ion Ratio Lower Upper
240 100
120 7.8 6.9 10.3
236 25.5 21.2 31.8



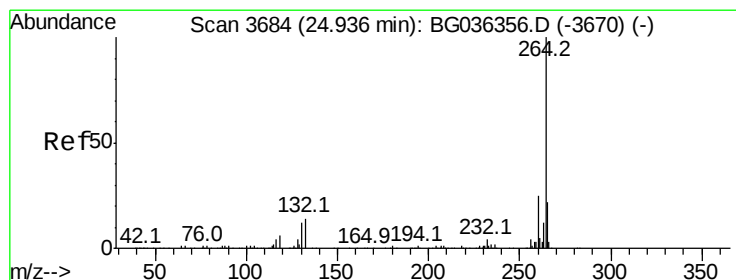
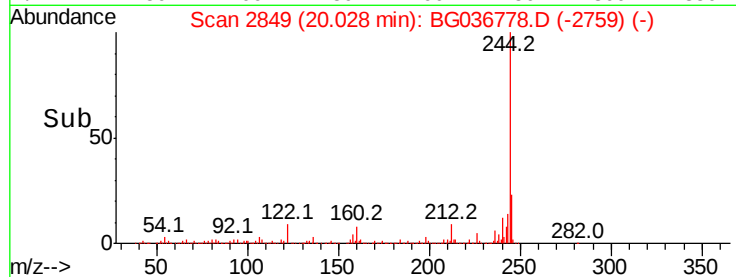
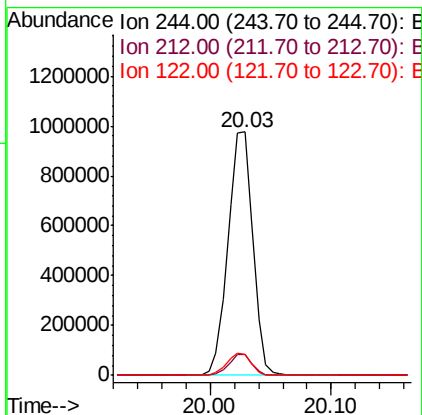
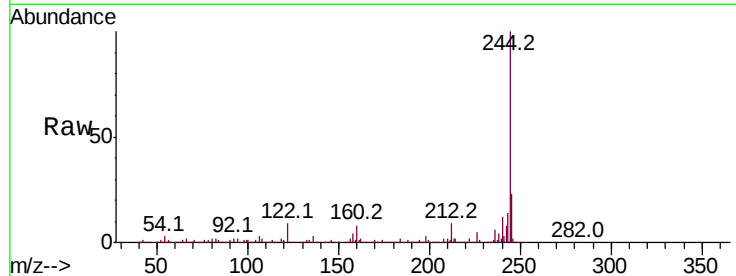


#78
 Terphenyl-d14
 Concen: 79.696 ng
 RT: 20.03 min Scan# 2849
 Delta R.T. -0.00 min
 Lab File: BG036778.D
 Acq: 18 Sep 2018 7:59

Instrument :
 BNA_G
 ClientSampleId :
 SP-PIT-11

Tot Ion:244 Resp: 1399388

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.6
122	8.8	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3677
 Delta R.T. -0.01 min
 Lab File: BG036778.D
 Acq: 18 Sep 2018 7:59

Tgt Ion:264 Resp: 405492

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.6	29.4
265	21.6	17.4	26.0

