

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091718\
 Data File : BG036777.D
 Acq On : 18 Sep 2018 7:20
 Operator : JU/SJ
 Sample : J4929-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-PIT-12

Quant Time: Sep 18 08:04:47 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	58924	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	244747	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	152928	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	385592	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	404175	20.00	ng	-0.01
86) Perylene-d12	24.89	264	395114	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	393994	106.07	ng	0.00
7) Phenol-d6	7.21	99	505134	94.98	ng	-0.01
23) Nitrobenzene-d5	9.21	82	380425	84.33	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	226255	123.99	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	842755	78.68	ng	-0.01
78) Terphenyl-d14	20.03	244	1410710	81.58	ng	0.00

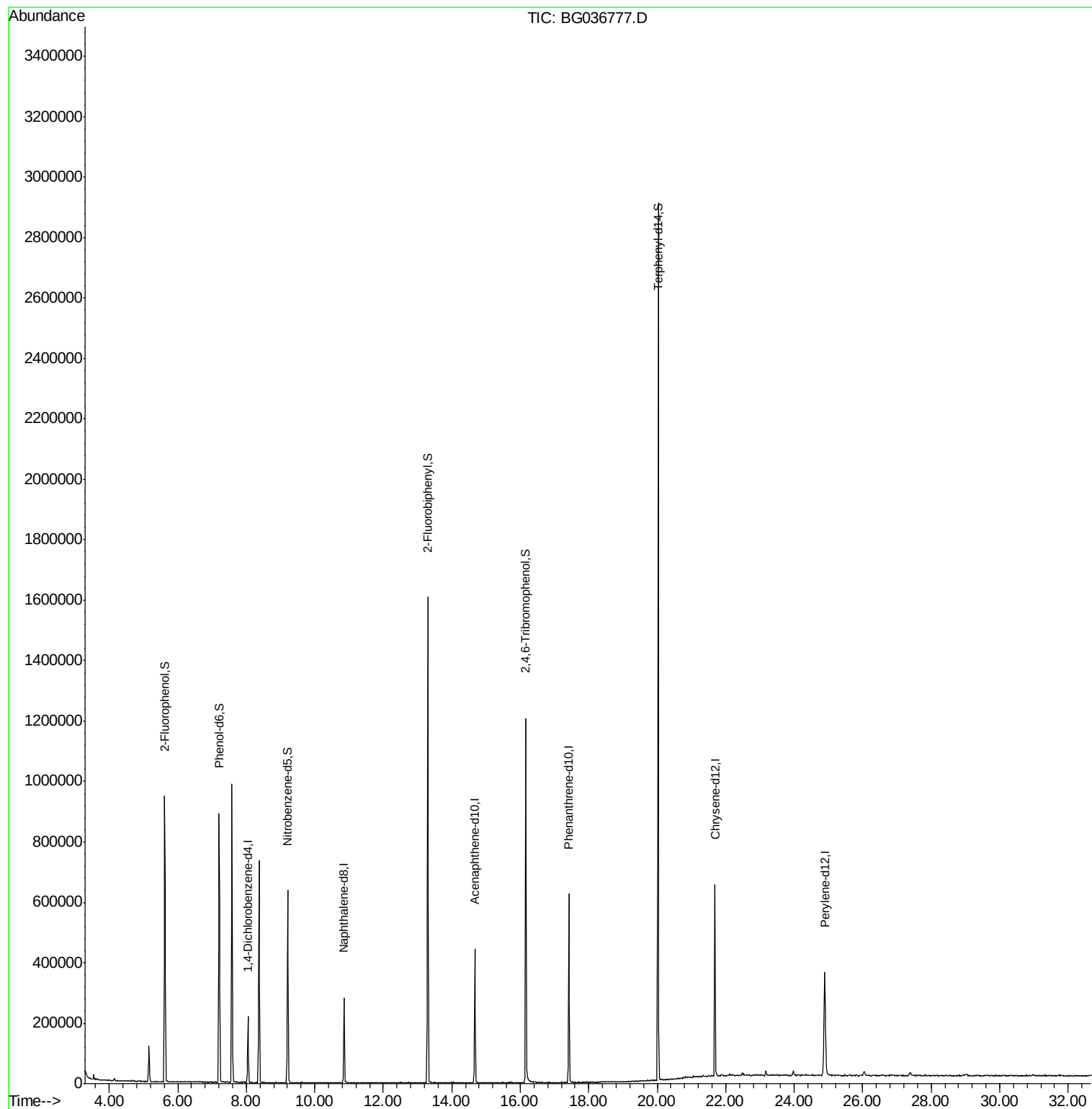
Target Compounds Qvalue

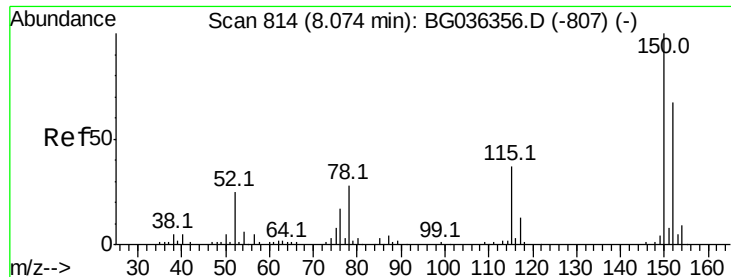
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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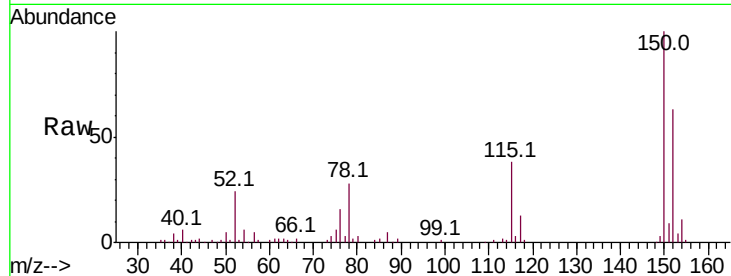


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036777.D
Acq: 18 Sep 2018 7:20

Instrument :
BNA_G
ClientSampleId :
SP-PIT-12

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	119.5	179.3
115	60.6	44.5	66.7

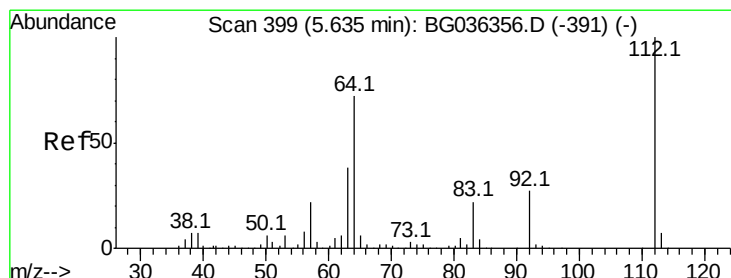
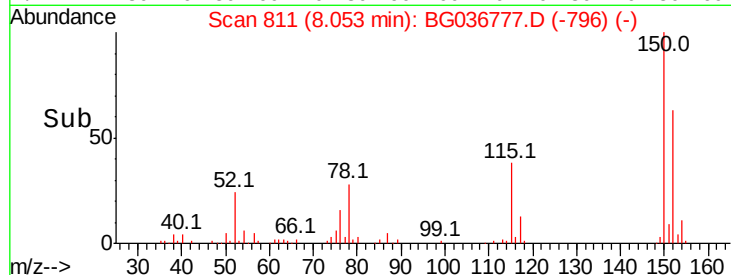
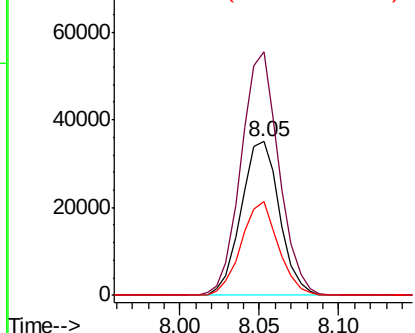


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

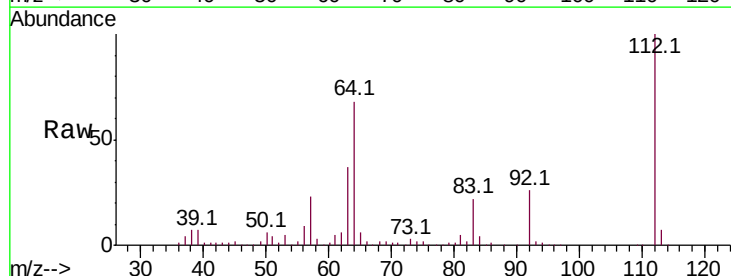
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 106.067 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BG036777.D
Acq: 18 Sep 2018 7:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.1	57.2	85.8
63	37.4	30.8	46.2

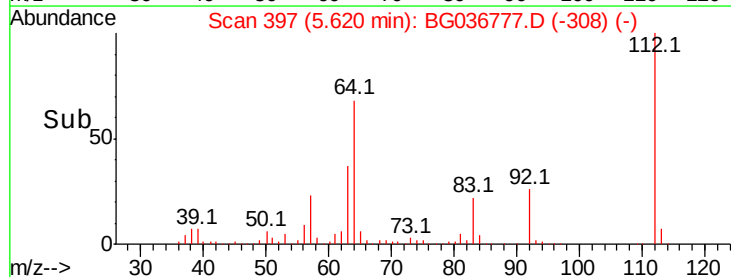
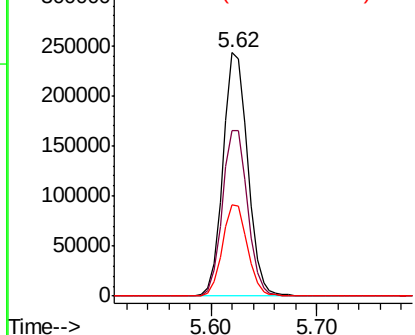


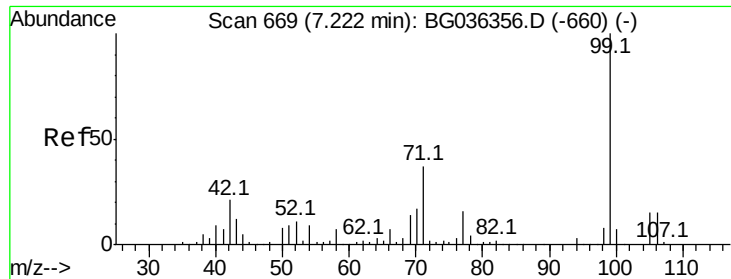
Abundance

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: 94.980 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036777.D

Acq: 18 Sep 2018 7:20

Instrument :

BNA_G

ClientSampled :

SP-PIT-12

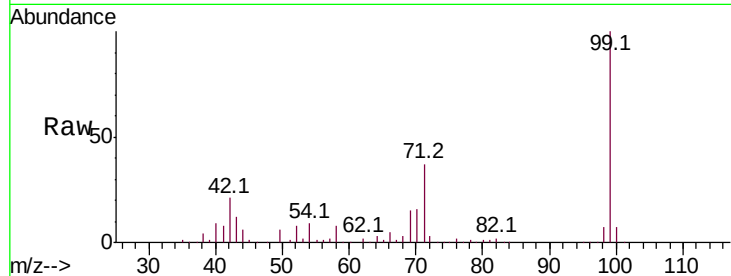
Tot Ion: 99 Resp: 505134

Ion Ratio Lower Upper

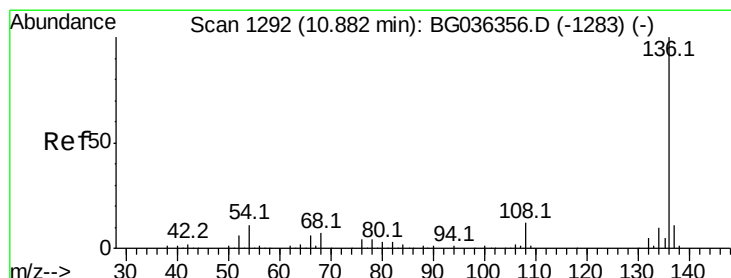
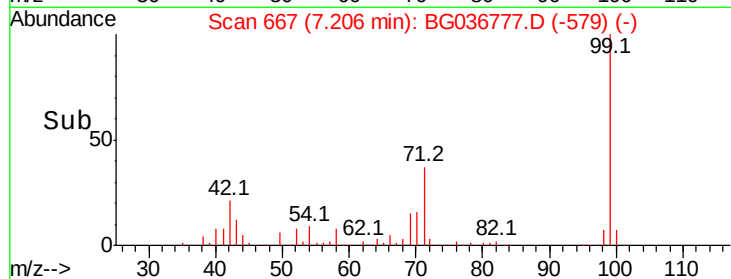
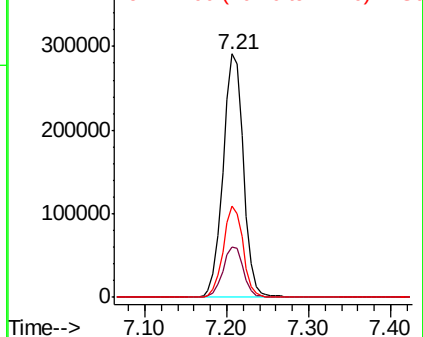
99 100

42 20.6 16.5 24.7

71 37.3 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: BG036777.D

Acq: 18 Sep 2018 7:20

Tgt Ion: 136 Resp: 244747

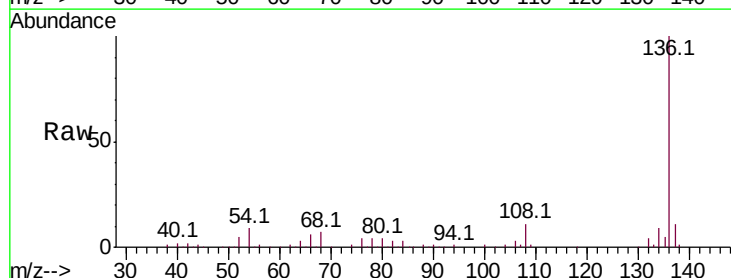
Ion Ratio Lower Upper

136 100

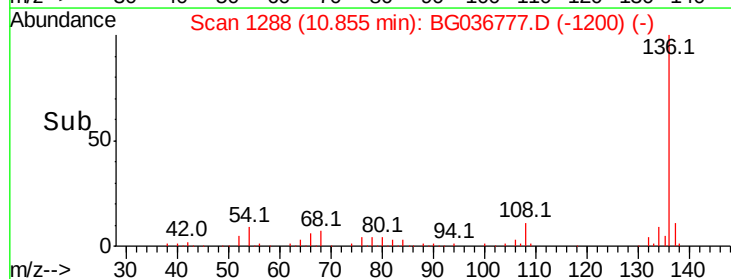
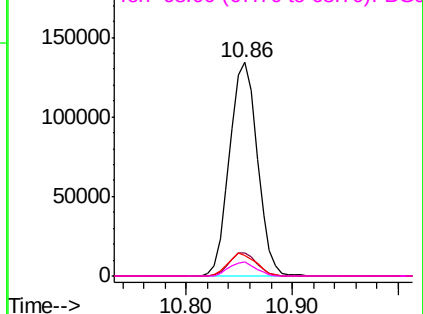
137 10.8 8.8 13.2

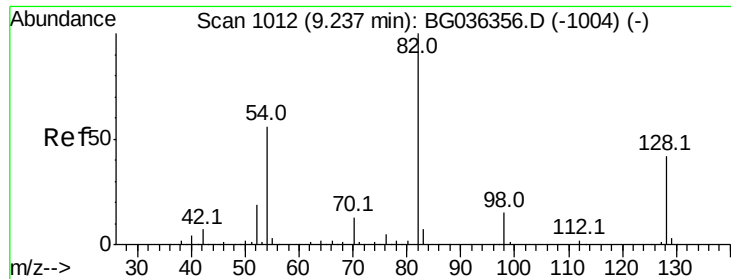
54 9.4 9.2 13.8

68 6.6 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

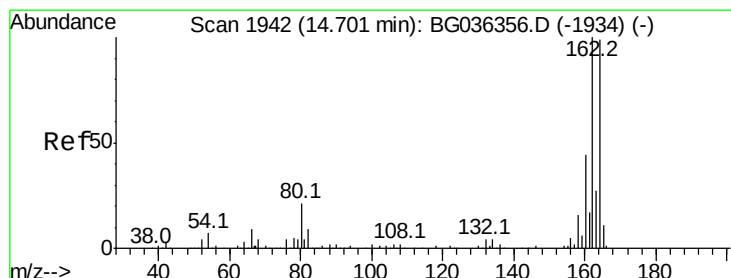
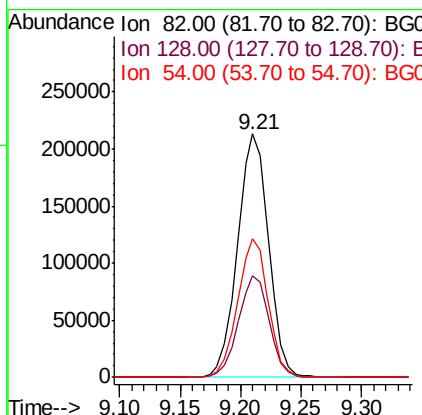
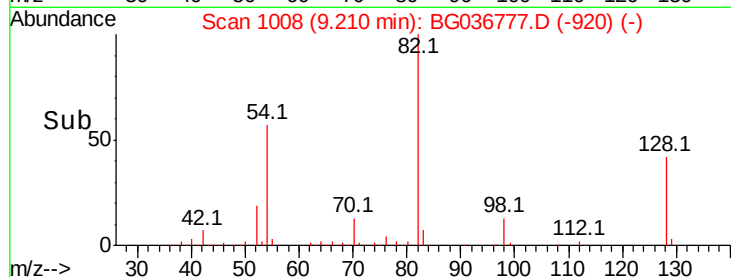
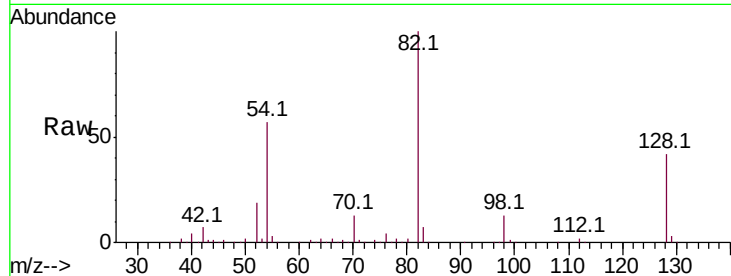




#23
 Nitrobenzene-d5
 Concen: 84.334 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BG036777.D
 Acq: 18 Sep 2018 7:20

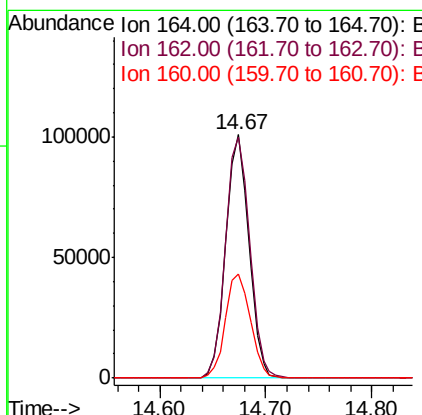
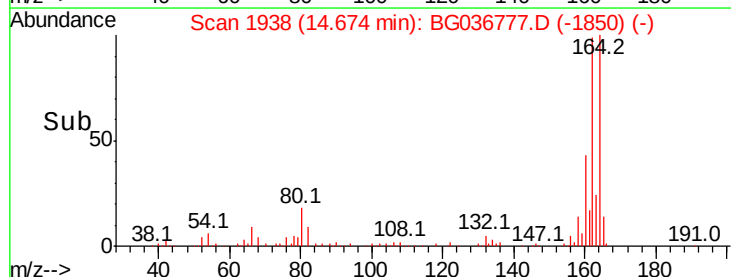
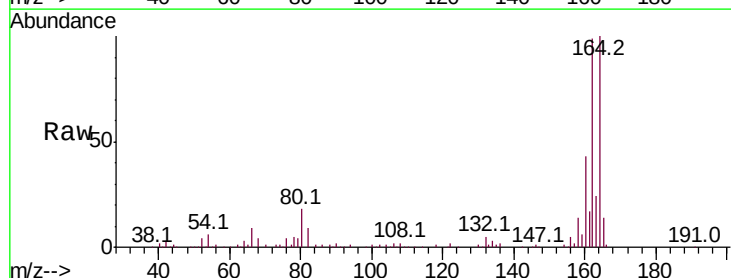
Instrument :
 BNA_G
 ClientSampled :
 SP-PIT-12

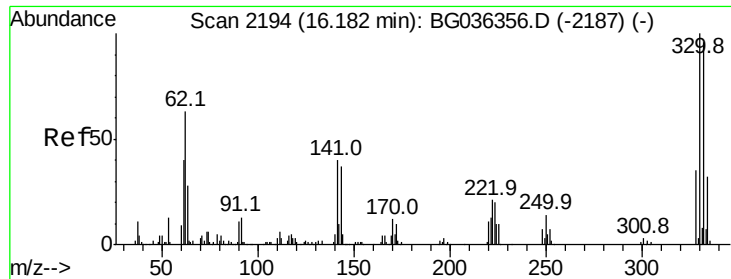
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.6	33.3	49.9
54	57.1	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BG036777.D
 Acq: 18 Sep 2018 7:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.0	80.7	121.1
160	42.9	35.3	52.9





#41

2,4,6-Tribromophenol

Concen: 123.991 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036777.D

Acq: 18 Sep 2018 7:20

Instrument :

BNA_G

ClientSampleId :

SP-PIT-12

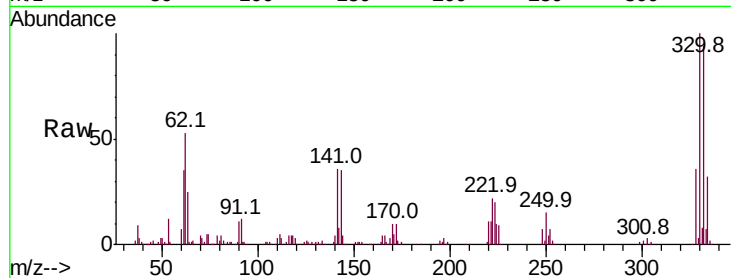
Tot Ion:330 Resp: 226255

Ion Ratio Lower Upper

330 100

332 96.6 75.4 113.2

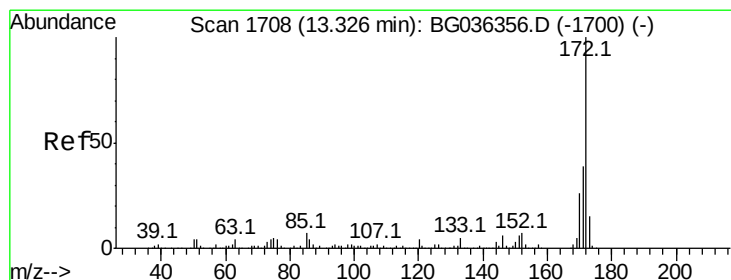
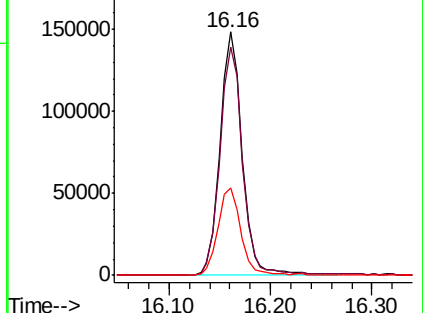
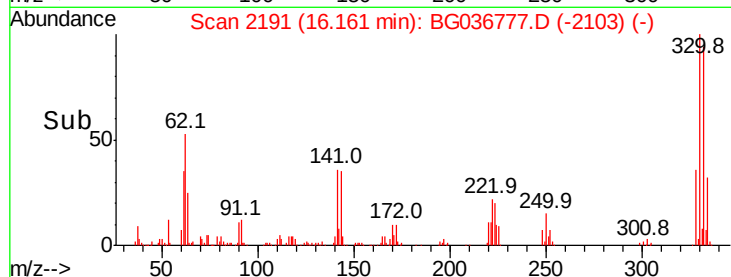
141 36.8 30.7 46.1



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: 78.684 ng

RT: 13.30 min Scan# 1704

Delta R.T. -0.01 min

Lab File: BG036777.D

Acq: 18 Sep 2018 7:20

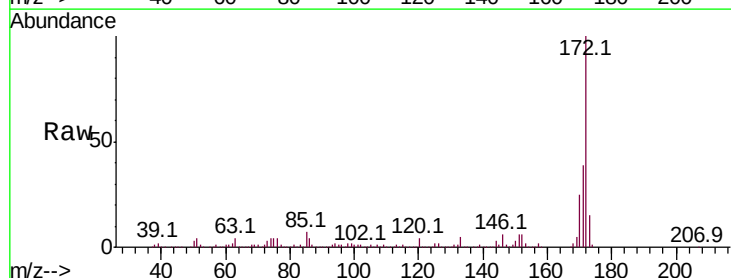
Tgt Ion:172 Resp: 842755

Ion Ratio Lower Upper

172 100

171 38.5 31.3 46.9

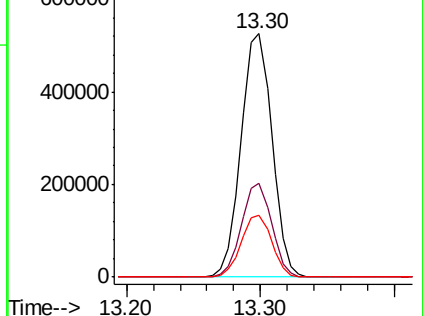
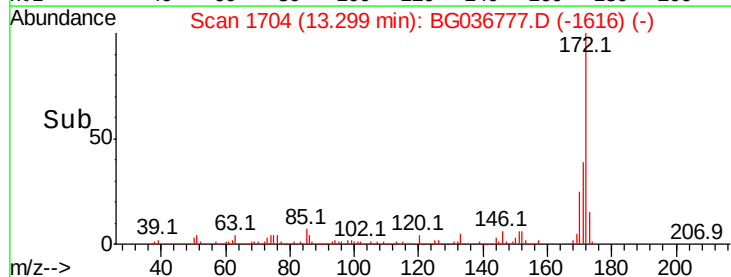
170 25.3 21.0 31.6

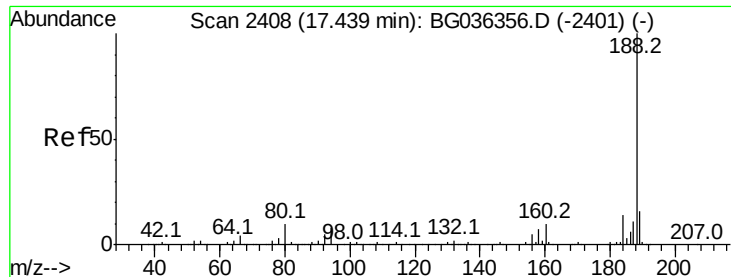


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

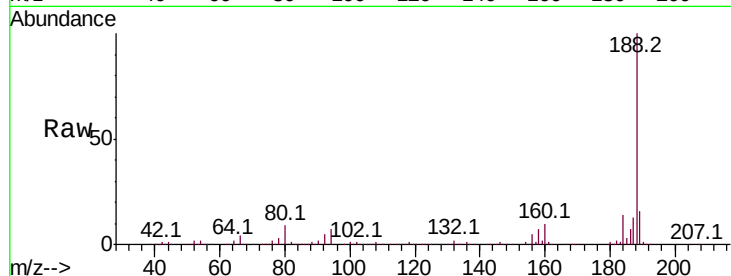




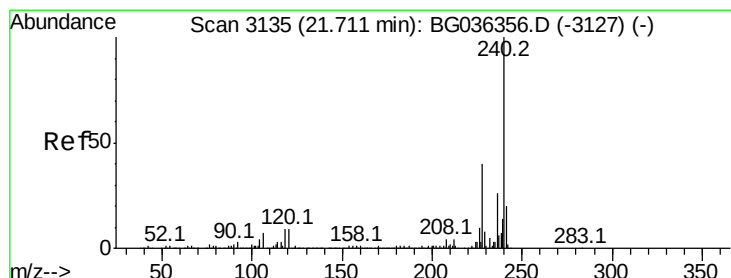
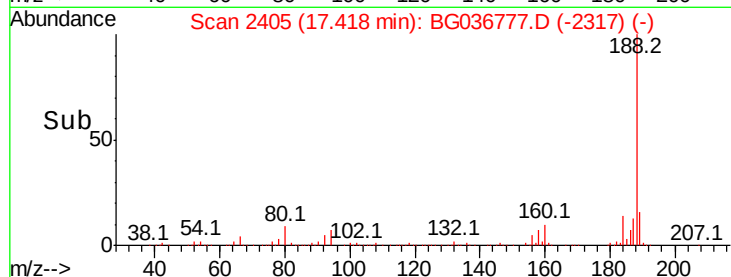
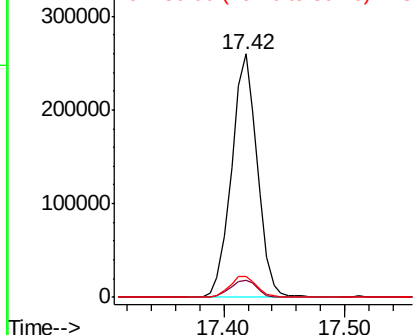
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036777.D
Acq: 18 Sep 2018 7:20

Instrument :
BNA_G
ClientSampleId :
SP-PIT-12

Tot Ion:188 Resp: 385592
Ion Ratio Lower Upper
188 100
94 6.8 6.7 10.1
80 8.6 8.1 12.1

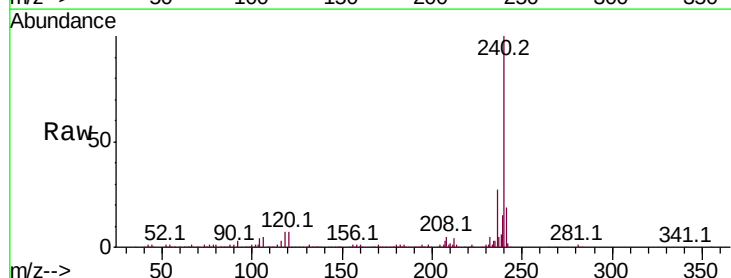


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

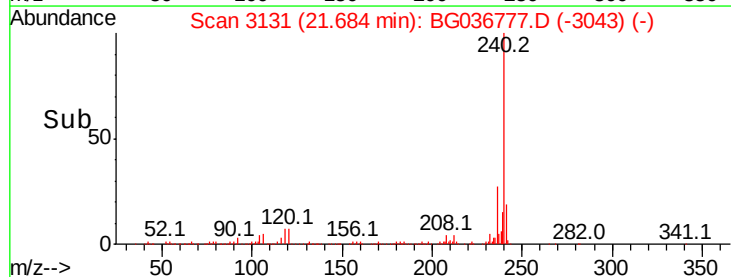
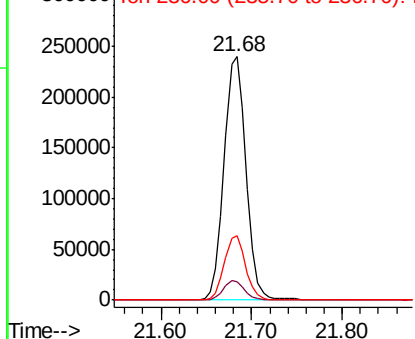


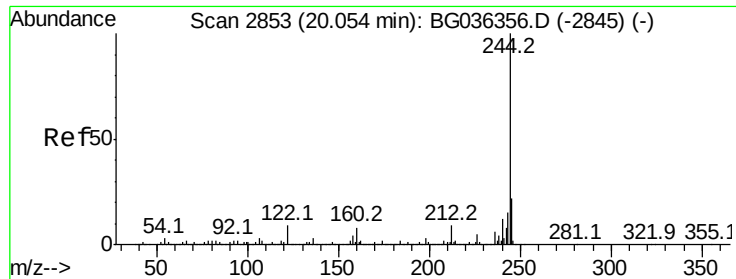
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036777.D
Acq: 18 Sep 2018 7:20

Tgt Ion:240 Resp: 404175
Ion Ratio Lower Upper
240 100
120 7.3 6.9 10.3
236 26.7 21.2 31.8



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





#78

Terphenyl-d14

Concen: 81.581 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG036777.D

Acq: 18 Sep 2018 7:20

Instrument :

BNA_G

ClientSampled :

SP-PIT-12

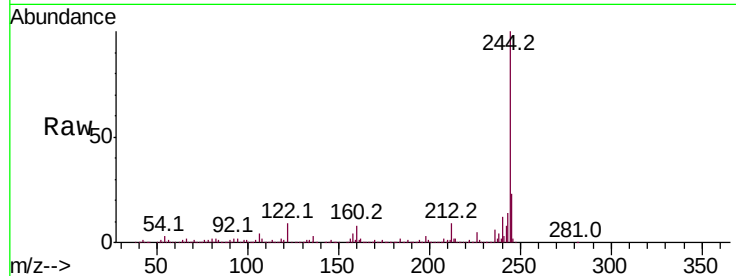
Tot Ion:244 Resp: 1410710

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.6
122	8.9	7.1	10.7

244 100

212 8.8 7.0 10.6

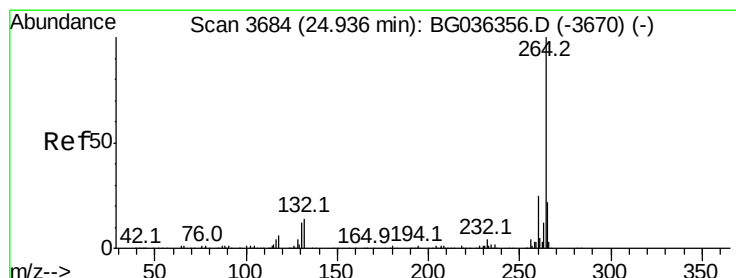
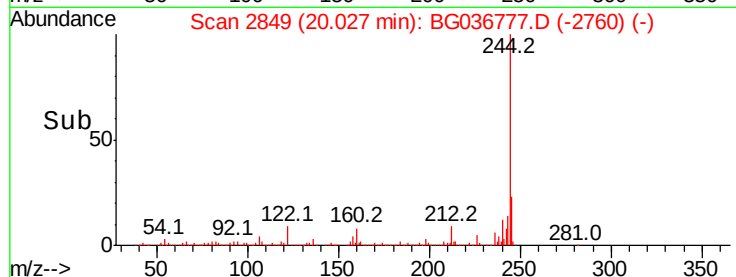
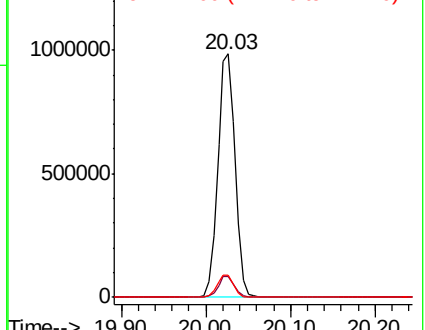
122 8.9 7.1 10.7



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: 24.89 min Scan# 3676

Delta R.T. -0.02 min

Lab File: BG036777.D

Acq: 18 Sep 2018 7:20

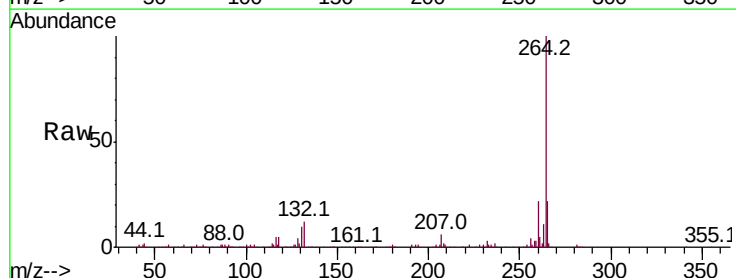
Tgt Ion:264 Resp: 395114

Ion	Ratio	Lower	Upper
264	100		
260	21.6	19.6	29.4
265	21.5	17.4	26.0

264 100

260 21.6 19.6 29.4

265 21.5 17.4 26.0



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

