

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091718\
 Data File : BG036774.D
 Acq On : 18 Sep 2018 5:21
 Operator : JU/SJ
 Sample : J4775-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-091418-B

Quant Time: Sep 18 07:29:26 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	59337	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	241206	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	153431	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	390992	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	411145	20.00	ng	-0.01
86) Perylene-d12	24.89	264	403314	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	368615	98.54	ng	0.00
7) Phenol-d6	7.21	99	473605	88.43	ng	-0.01
23) Nitrobenzene-d5	9.21	82	358685	80.68	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	221083	120.76	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	800862	74.53	ng	-0.01
78) Terphenyl-d14	20.03	244	1390195	79.03	ng	0.00

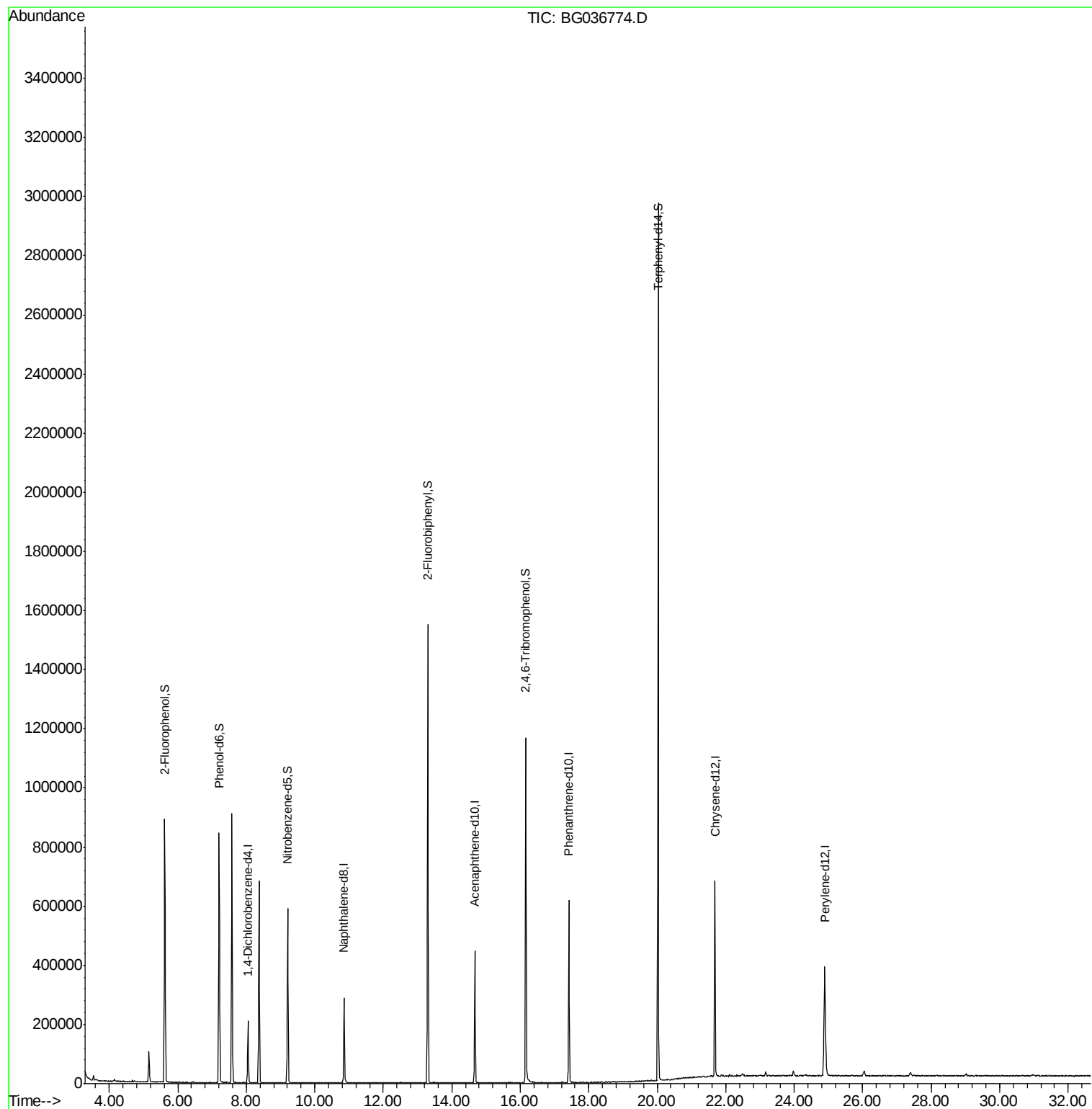
Target Compounds Qvalue

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

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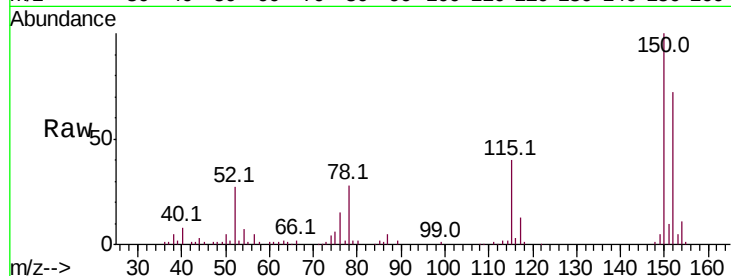


#1

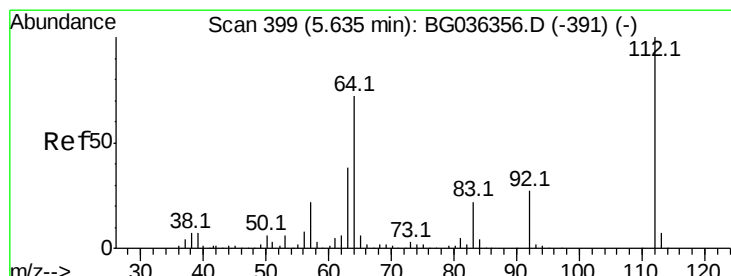
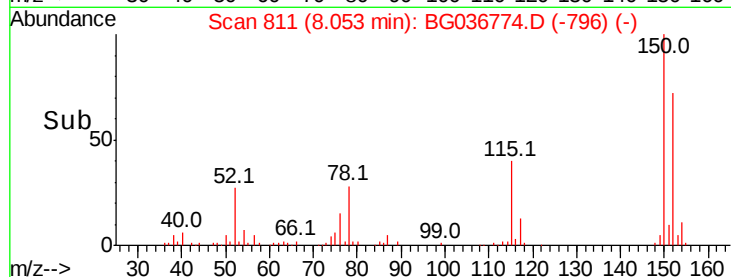
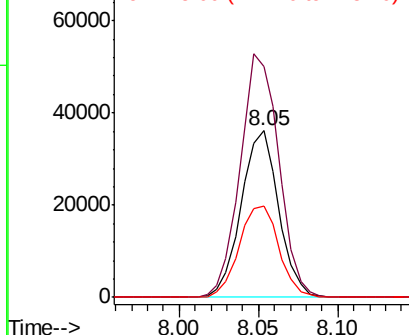
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG036774.D
 Acq: 18 Sep 2018 5:21

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-091418-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	138.5	119.5	179.3
115	55.0	44.5	66.7



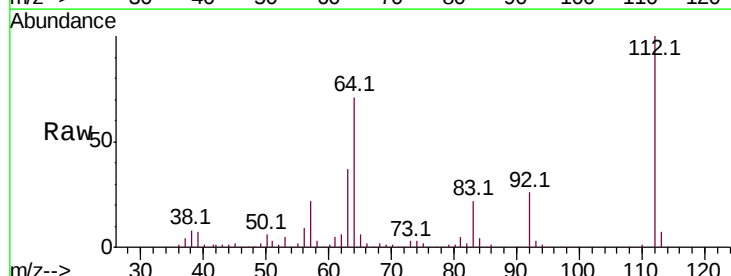
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



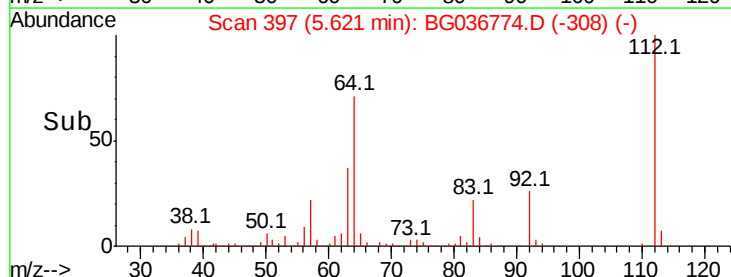
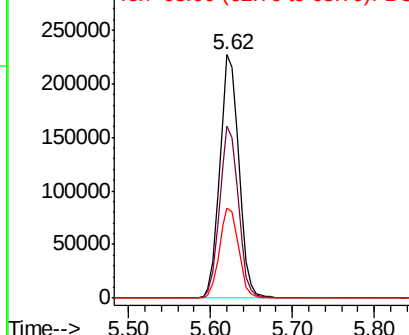
#5

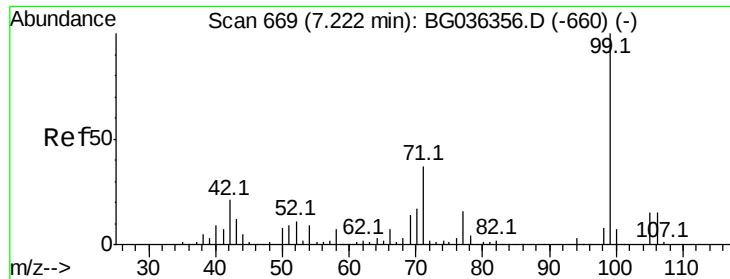
2-Fluorophenol
 Concen: 98.544 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BG036774.D
 Acq: 18 Sep 2018 5:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.5	57.2	85.8
63	37.2	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: 88.431 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036774.D

Acq: 18 Sep 2018 5:21

Instrument :

BNA_G

ClientSampled :

OR-03-091418-B

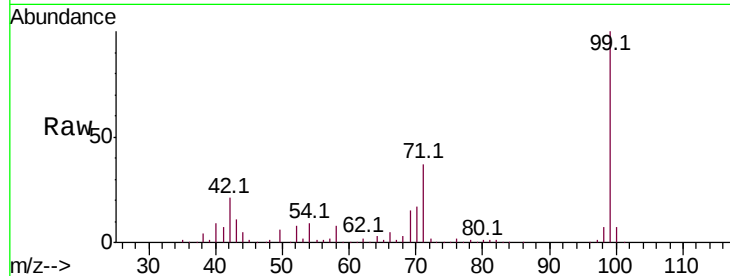
Tot Ion: 99 Resp: 473605

Ion Ratio Lower Upper

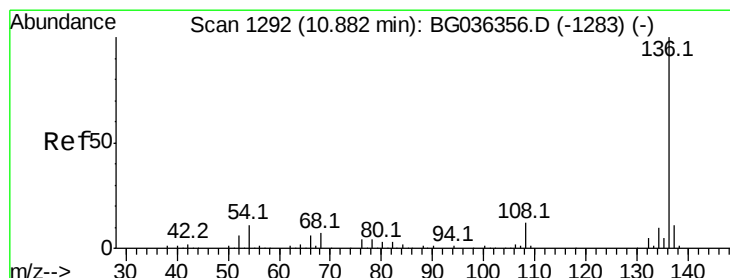
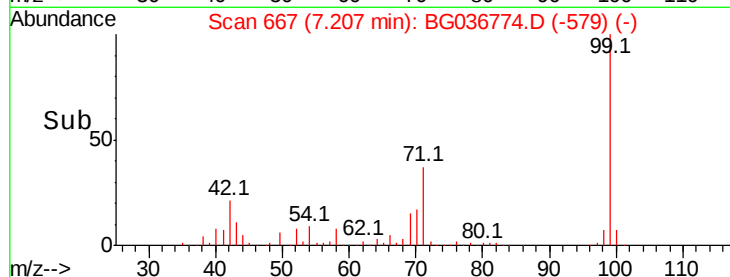
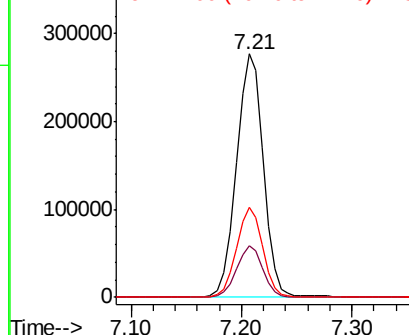
99 100

42 21.0 16.5 24.7

71 36.9 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: BG036774.D

Acq: 18 Sep 2018 5:21

Tgt Ion: 136 Resp: 241206

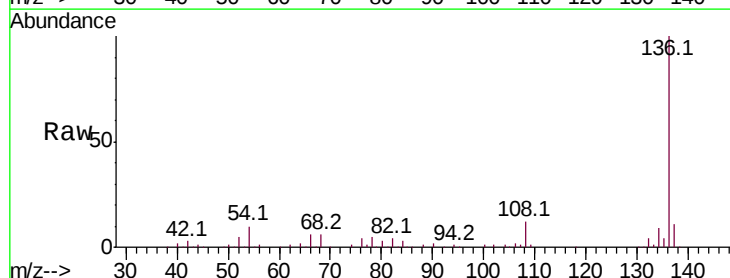
Ion Ratio Lower Upper

136 100

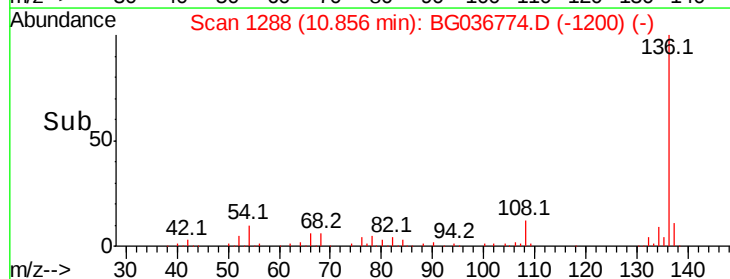
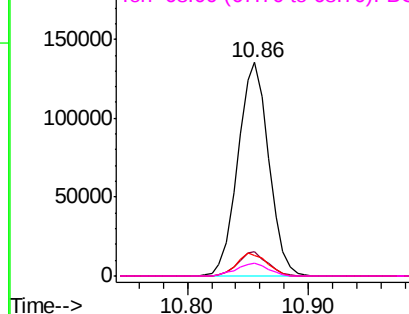
137 11.3 8.8 13.2

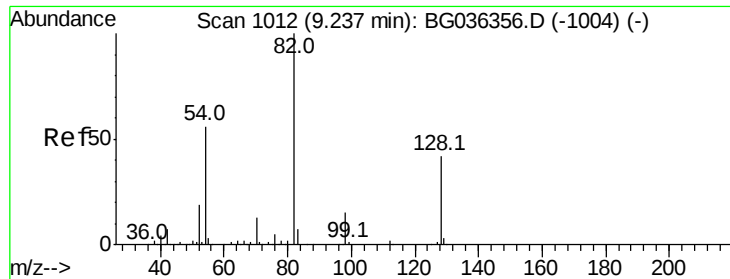
54 9.7 9.2 13.8

68 6.0 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

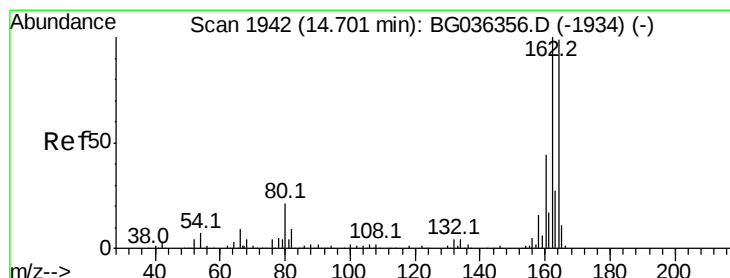
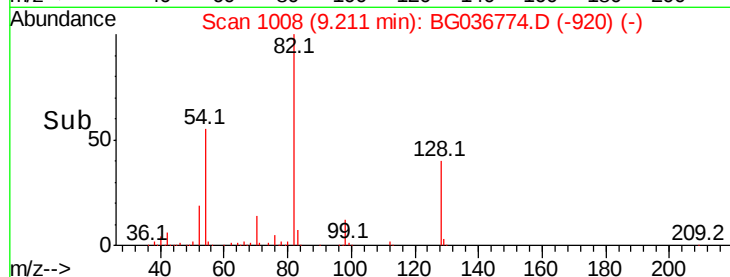
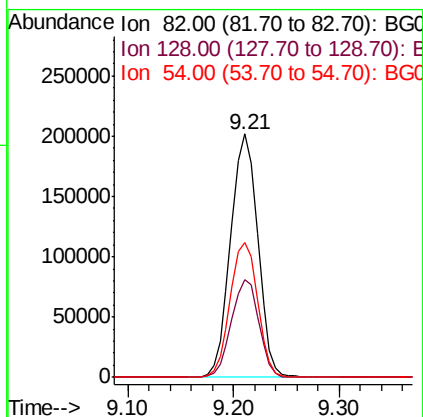
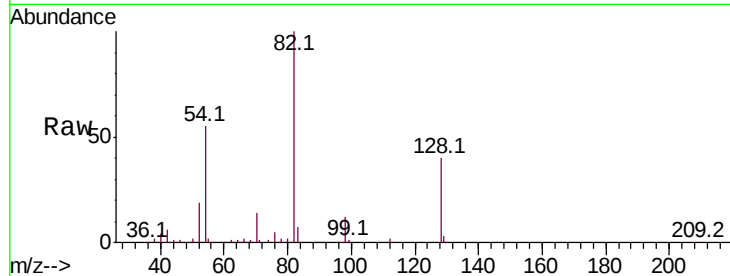




#23
Nitrobenzene-d5
Concen: 80.682 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036774.D
Acq: 18 Sep 2018 5:21

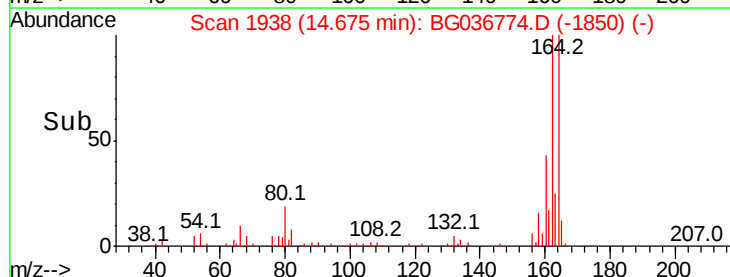
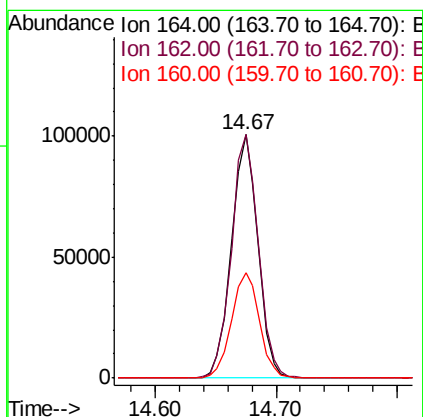
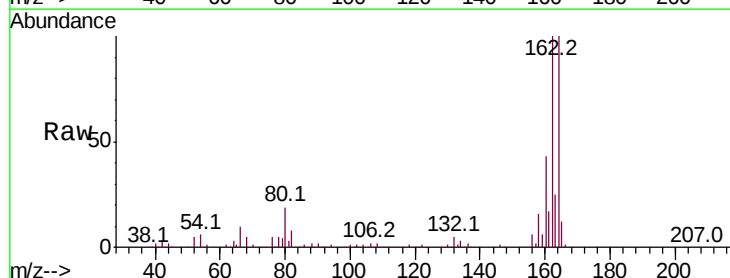
Instrument :
BNA_G
ClientSampleId :
OR-03-091418-B

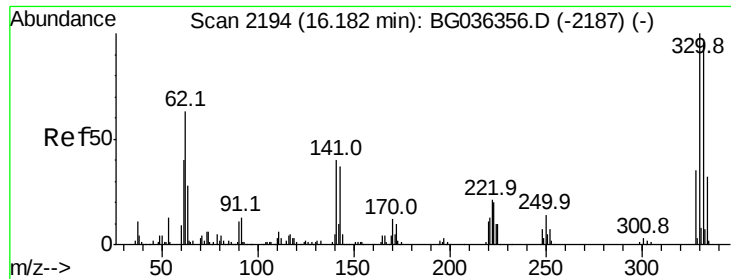
Tot Ion: 82 Resp: 358685
Ion Ratio Lower Upper
82 100
128 40.0 33.3 49.9
54 55.3 45.1 67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG036774.D
Acq: 18 Sep 2018 5:21

Tgt Ion: 164 Resp: 153431
Ion Ratio Lower Upper
164 100
162 100.1 80.7 121.1
160 43.4 35.3 52.9

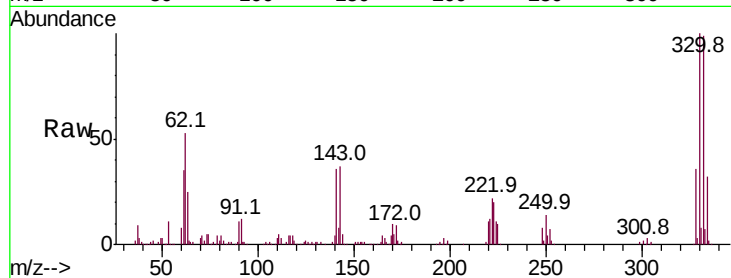




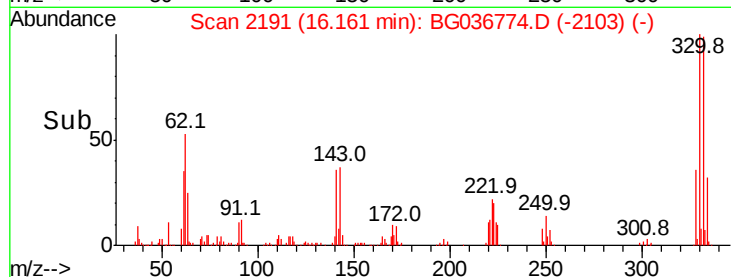
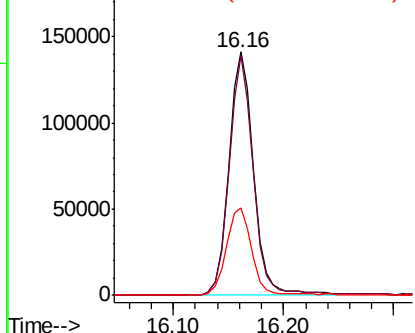
#41
 2,4,6-Tribromophenol
 Concen: 120.759 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036774.D
 Acq: 18 Sep 2018 5:21

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-091418-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	75.4	113.2
141	37.4	30.7	46.1

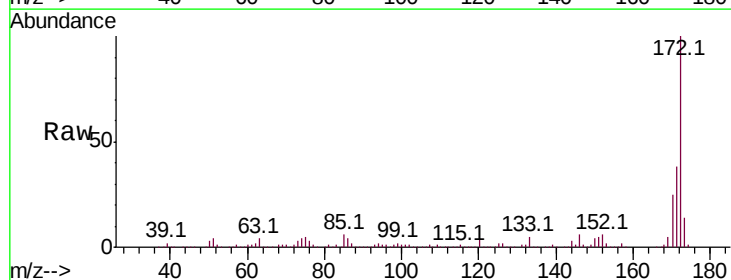


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

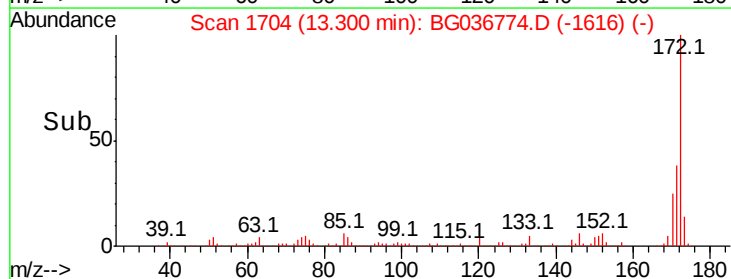
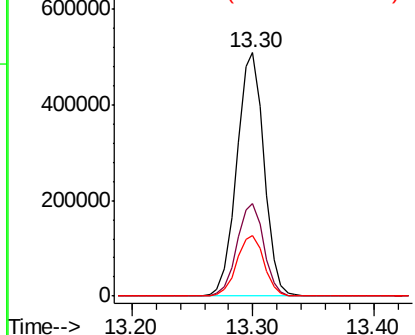


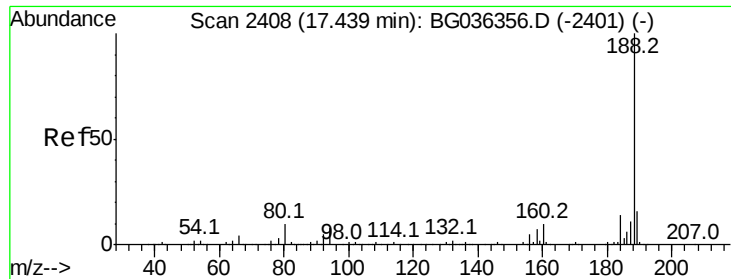
#44
 2-Fluorobiphenyl
 Concen: 74.528 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036774.D
 Acq: 18 Sep 2018 5:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.3	46.9
170	25.1	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

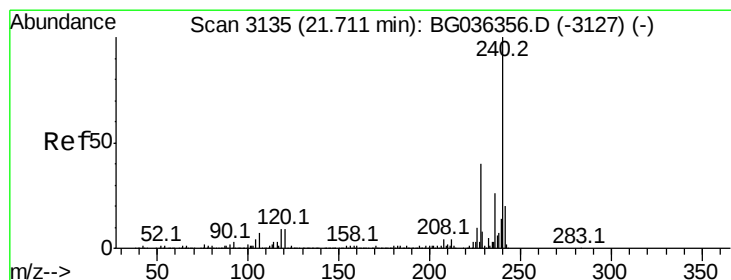
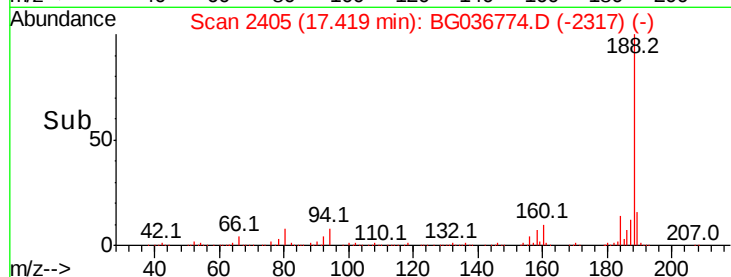
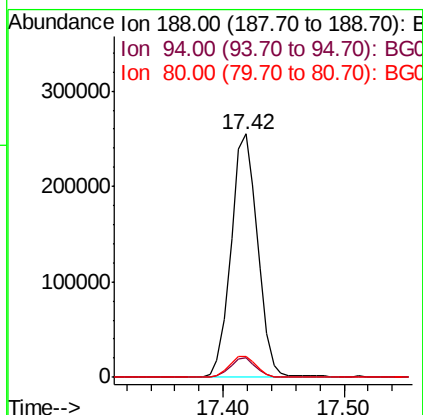
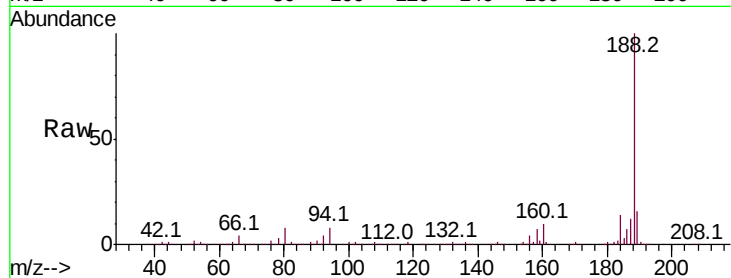




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036774.D
Acq: 18 Sep 2018 5:21

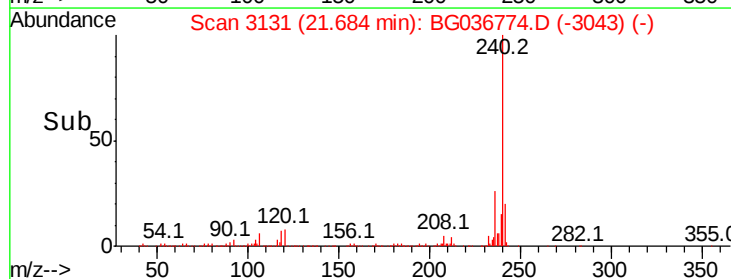
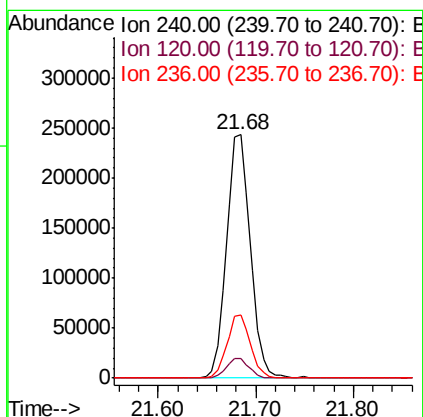
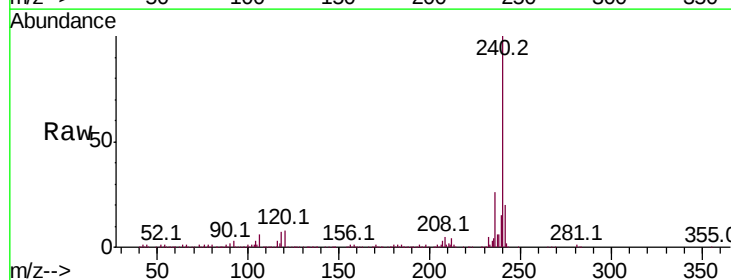
Instrument :
BNA_G
ClientSampleId :
OR-03-091418-B

Tot Ion:188 Resp: 390992
Ion Ratio Lower Upper
188 100
94 7.8 6.7 10.1
80 8.4 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: BG036774.D
Acq: 18 Sep 2018 5:21

Tgt Ion:240 Resp: 411145
Ion Ratio Lower Upper
240 100
120 8.0 6.9 10.3
236 26.0 21.2 31.8





#78

Terphenyl-d14

Concen: 79.032 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036774.D

Acq: 18 Sep 2018 5:21

Instrument :

BNA_G

ClientSampleId :

OR-03-091418-B

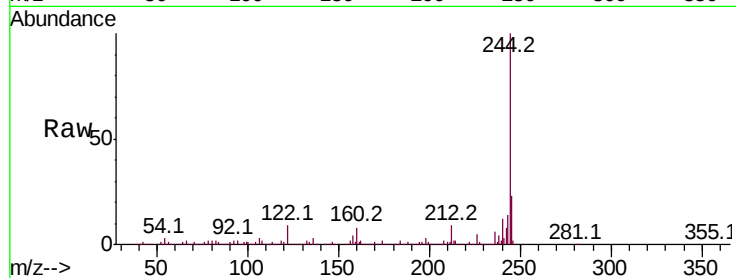
Tot Ion:244 Resp: 1390195

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.6
122	8.7	7.1	10.7

244 100

212 8.6 7.0 10.6

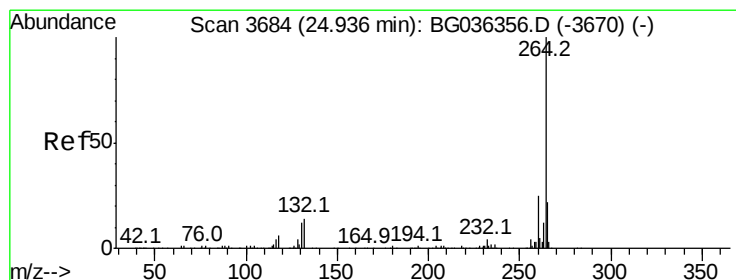
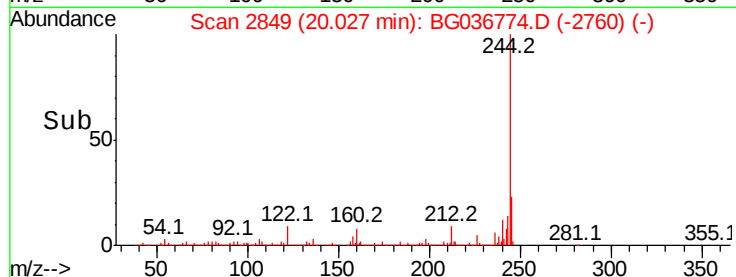
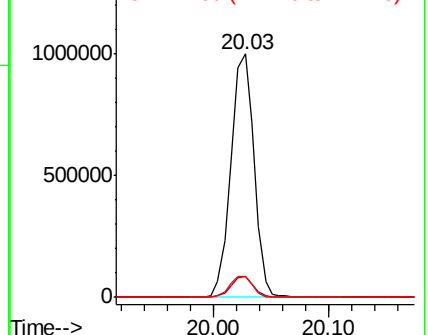
122 8.7 7.1 10.7



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: BG036774.D

Acq: 18 Sep 2018 5:21

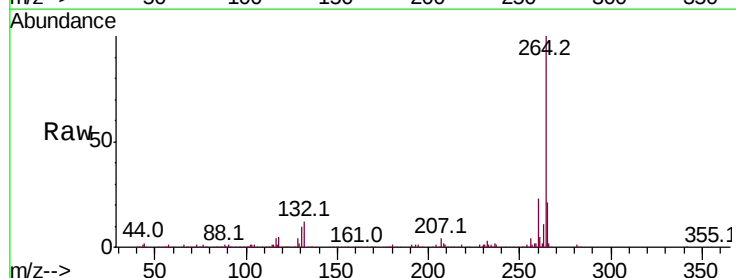
Tgt Ion:264 Resp: 403314

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.6	29.4
265	20.8	17.4	26.0

264 100

260 22.9 19.6 29.4

265 20.8 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

