

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091718\
 Data File : BG036772.D
 Acq On : 18 Sep 2018 4:03
 Operator : JU/SJ
 Sample : J4774-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-091418

Quant Time: Sep 18 07:27:42 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	57734	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	230844	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	148777	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	370969	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	384823	20.00	ng	-0.01
86) Perylene-d12	24.89	264	379363	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	385067	105.80	ng	0.00
7) Phenol-d6	7.21	99	497289	95.43	ng	-0.01
23) Nitrobenzene-d5	9.21	82	372042	87.44	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	234985	132.37	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	824115	79.09	ng	-0.01
78) Terphenyl-d14	20.03	244	1381150	83.89	ng	0.00

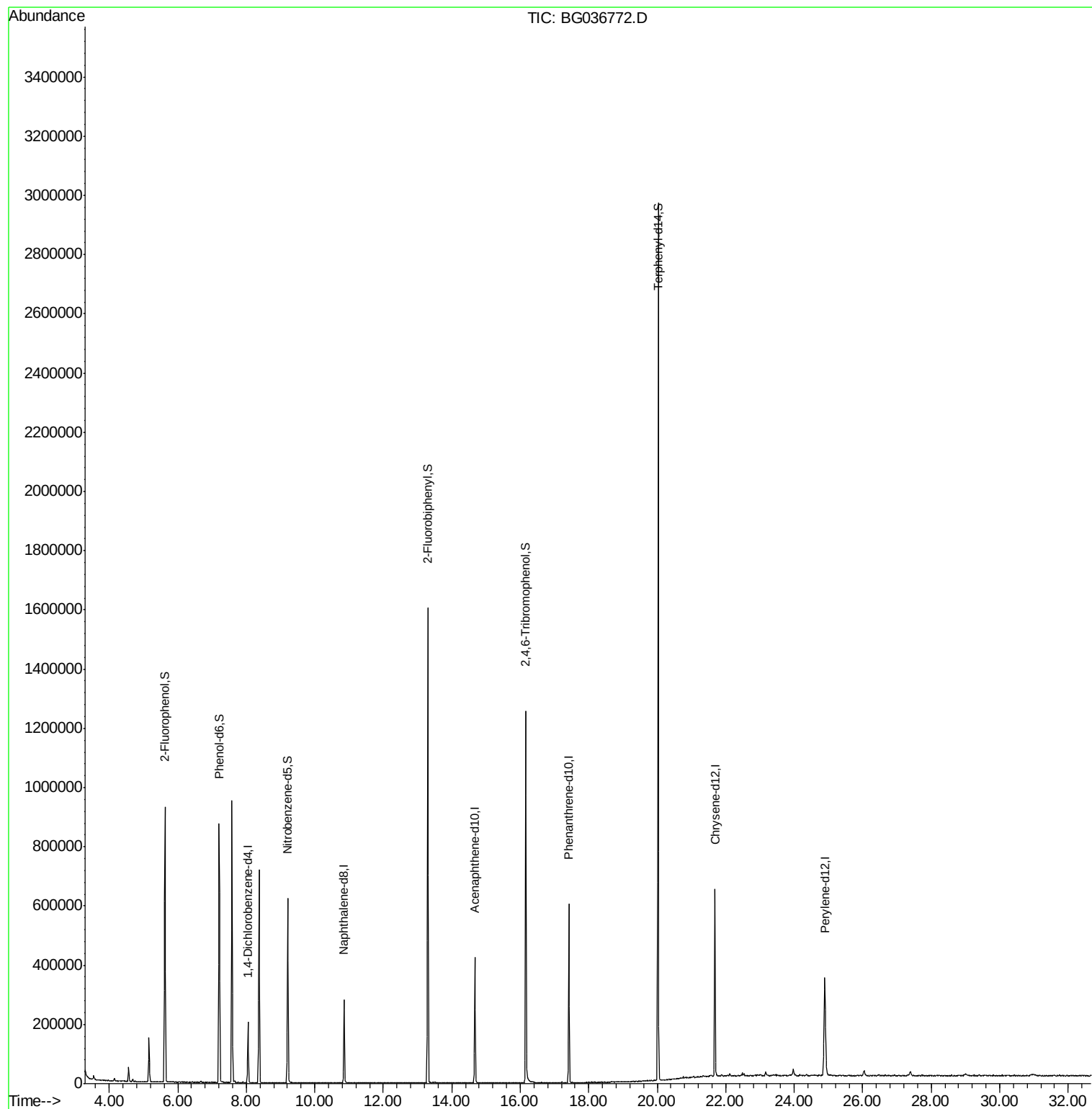
Target Compounds Qvalue

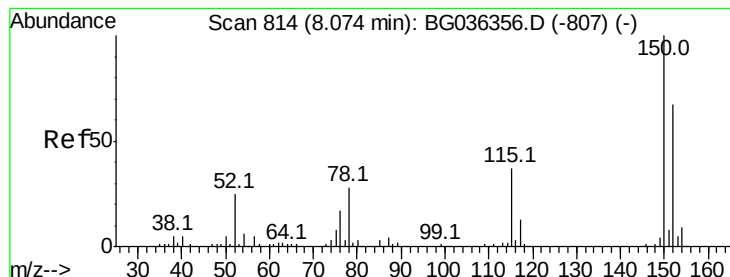
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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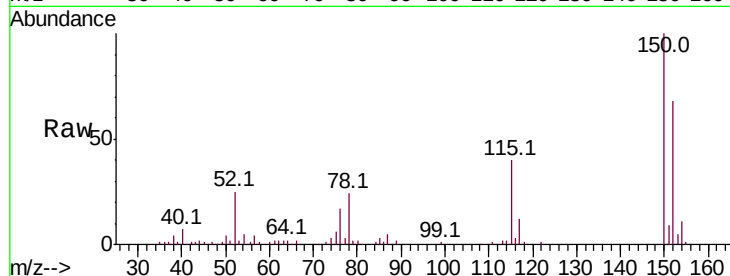


#1

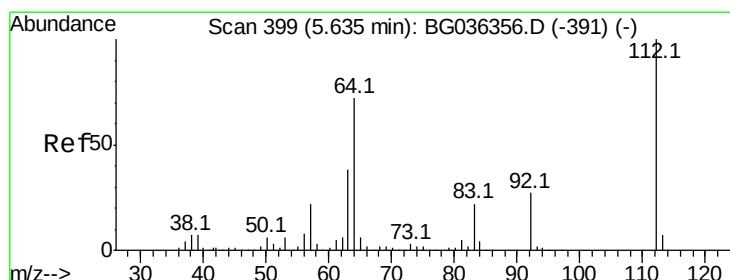
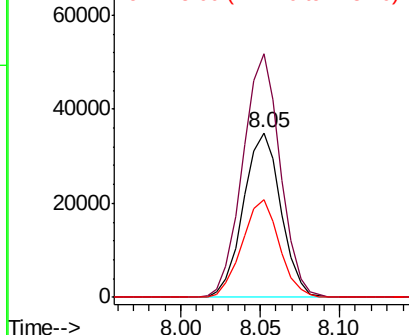
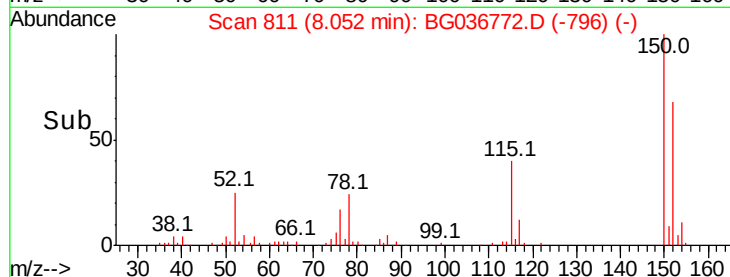
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG036772.D
 Acq: 18 Sep 2018 4:03

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-091418

Tot Ion:152 Resp: 57734
 Ion Ratio Lower Upper
 152 100
 150 148.1 119.5 179.3
 115 59.5 44.5 66.7



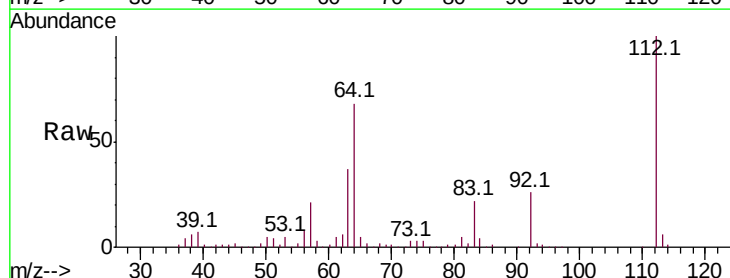
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



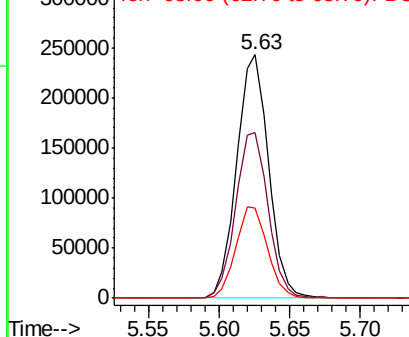
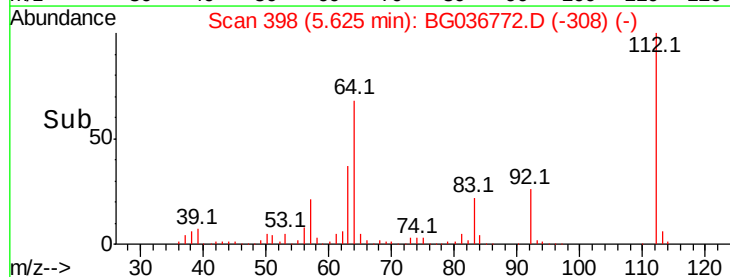
#5

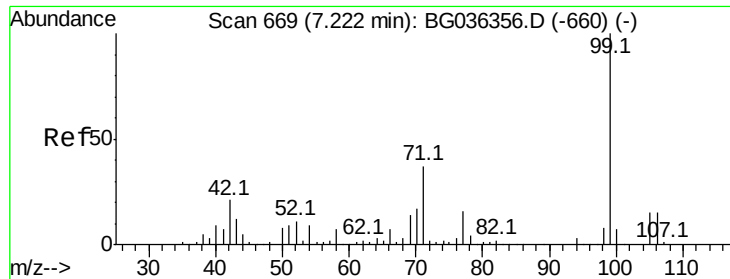
2-Fluorophenol
 Concen: 105.801 ng
 RT: 5.63 min Scan# 398
 Delta R.T. 0.00 min
 Lab File: BG036772.D
 Acq: 18 Sep 2018 4:03

Tgt Ion:112 Resp: 385067
 Ion Ratio Lower Upper
 112 100
 64 68.2 57.2 85.8
 63 36.7 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: 95.432 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036772.D

Acq: 18 Sep 2018 4:03

Instrument :

BNA_G

ClientSampleId :

OK-01-091418

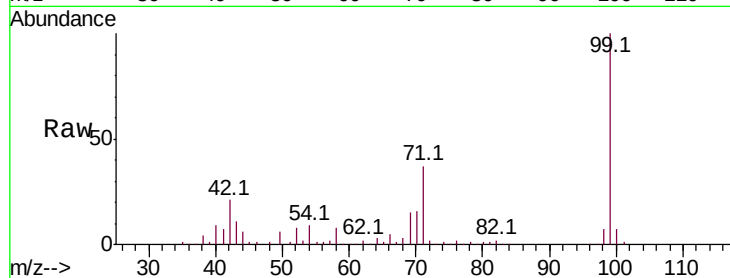
Tot Ion: 99 Resp: 497289

Ion Ratio Lower Upper

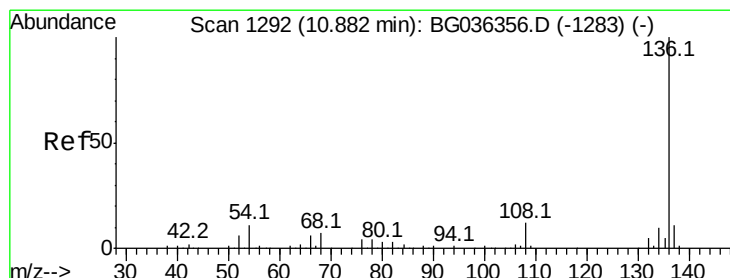
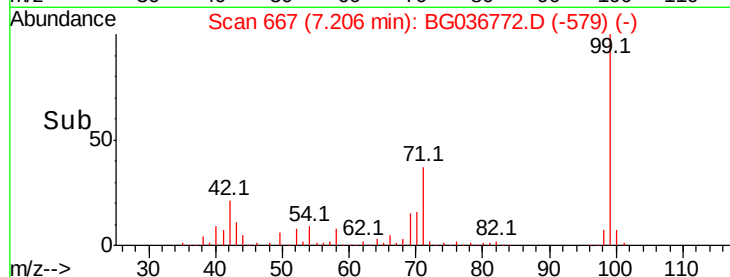
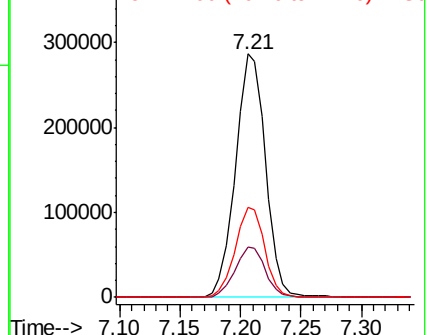
99 100

42 20.9 16.5 24.7

71 37.0 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: 10.85 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BG036772.D

Acq: 18 Sep 2018 4:03

Tgt Ion: 136 Resp: 230844

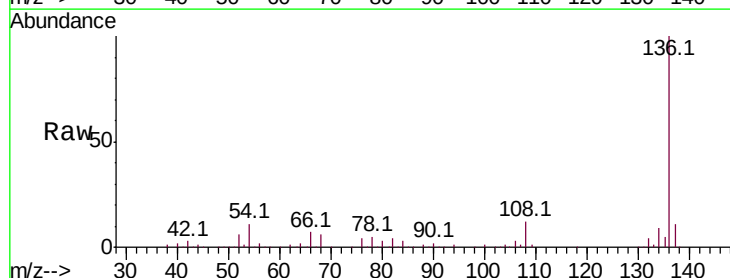
Ion Ratio Lower Upper

136 100

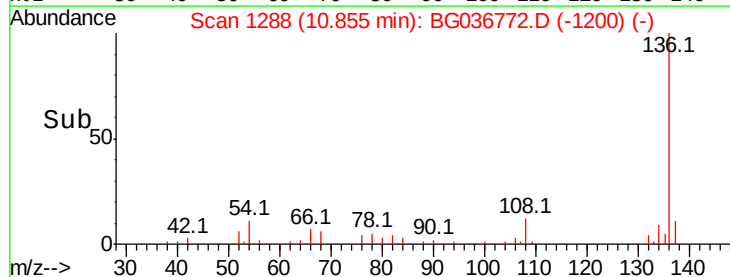
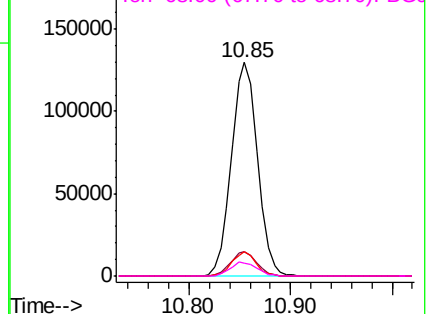
137 11.1 8.8 13.2

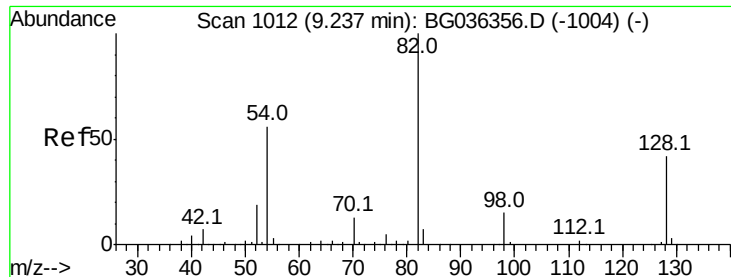
54 11.2 9.2 13.8

68 6.3 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

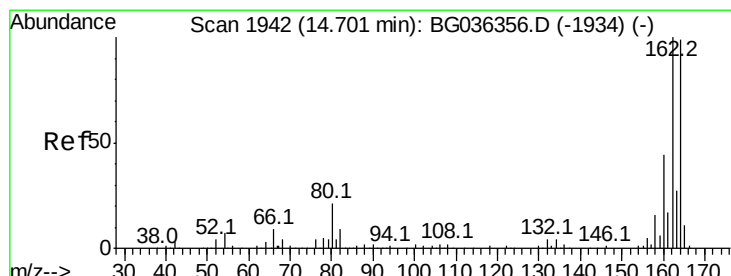
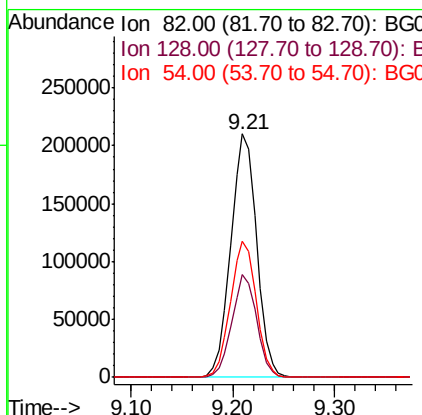
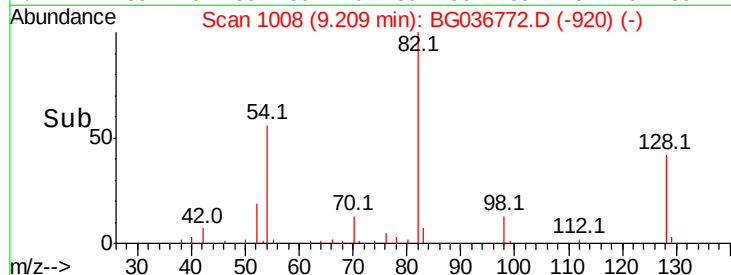
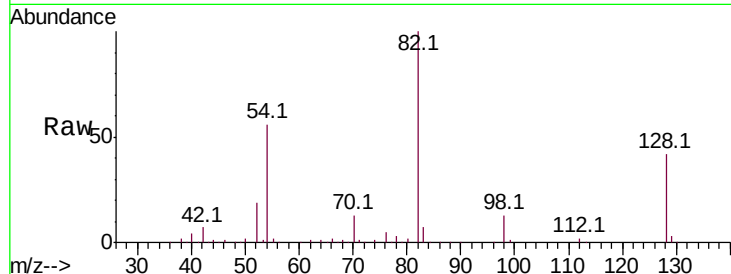




#23
 Nitrobenzene-d5
 Concen: 87.443 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BG036772.D
 Acq: 18 Sep 2018 4:03

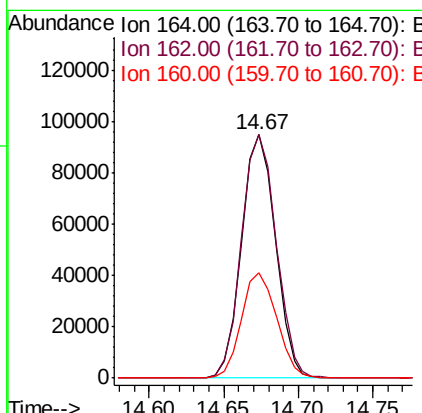
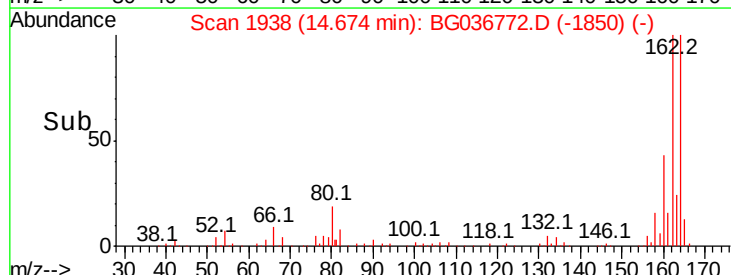
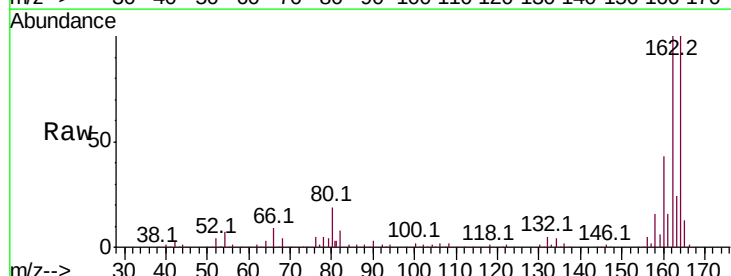
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-091418

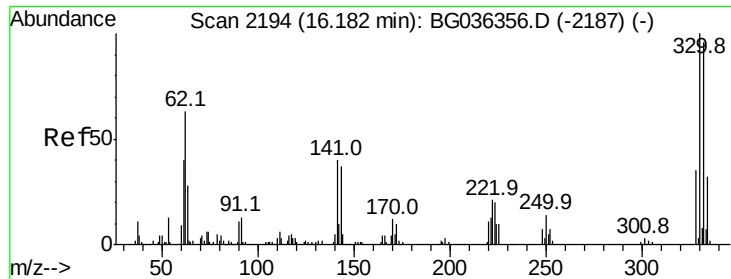
Tot Ion: 82 Resp: 372042
 Ion Ratio Lower Upper
 82 100
 128 42.0 33.3 49.9
 54 56.0 45.1 67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BG036772.D
 Acq: 18 Sep 2018 4:03

Tgt Ion: 164 Resp: 148777
 Ion Ratio Lower Upper
 164 100
 162 100.2 80.7 121.1
 160 43.2 35.3 52.9

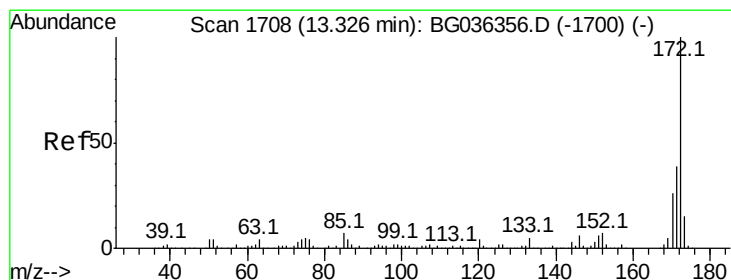
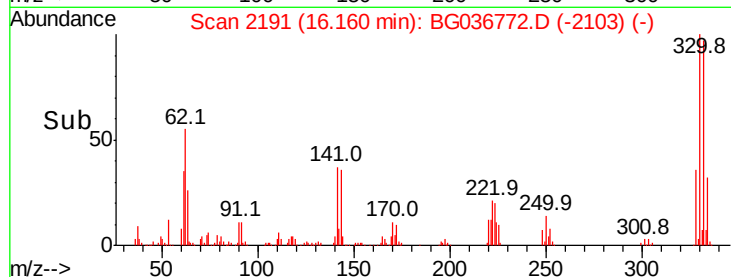
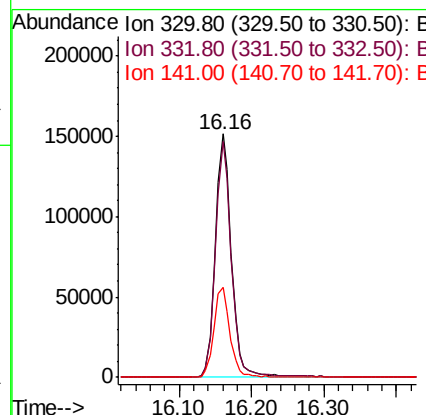
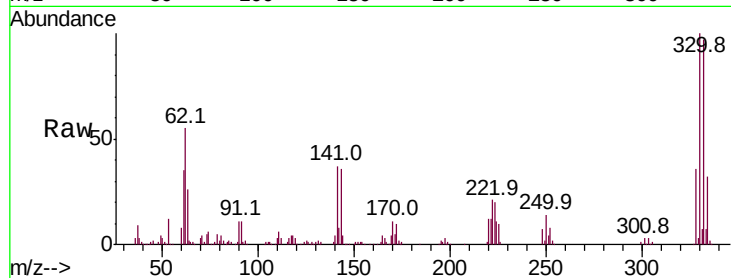




#41
 2,4,6-Tribromophenol
 Concen: 132.368 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036772.D
 Acq: 18 Sep 2018 4:03

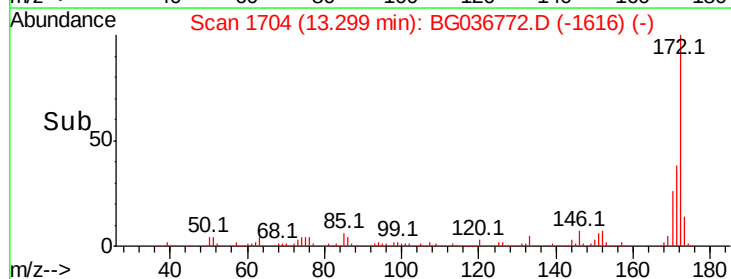
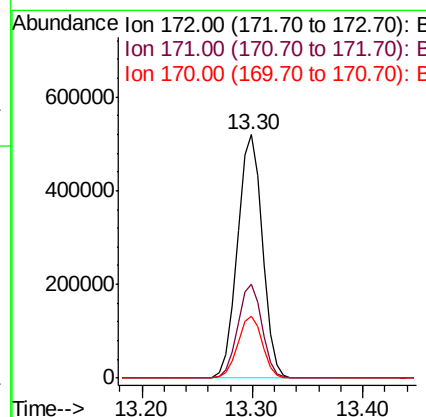
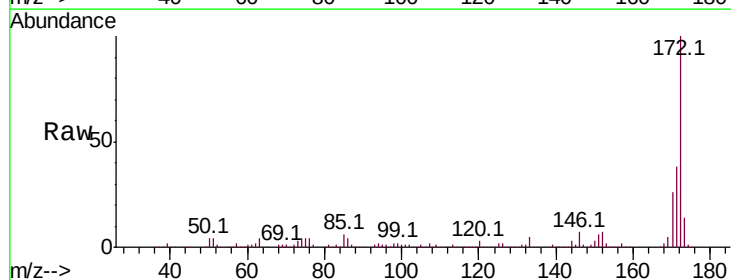
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-091418

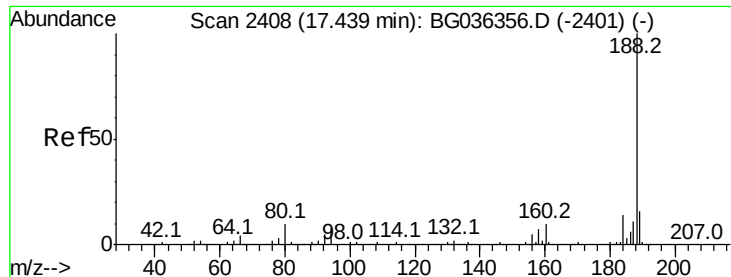
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	75.4	113.2
141	36.8	30.7	46.1



#44
 2-Fluorobiphenyl
 Concen: 79.091 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036772.D
 Acq: 18 Sep 2018 4:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.3	46.9
170	25.6	21.0	31.6

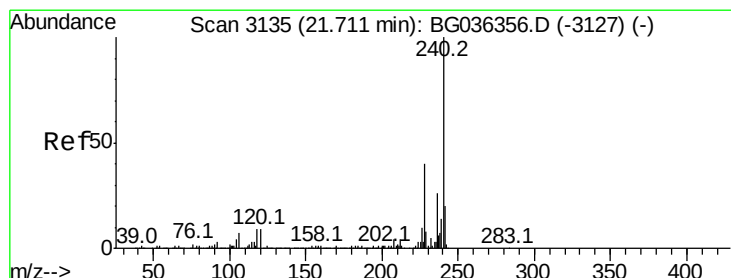
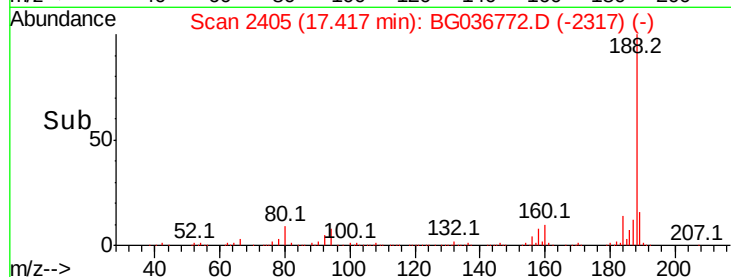
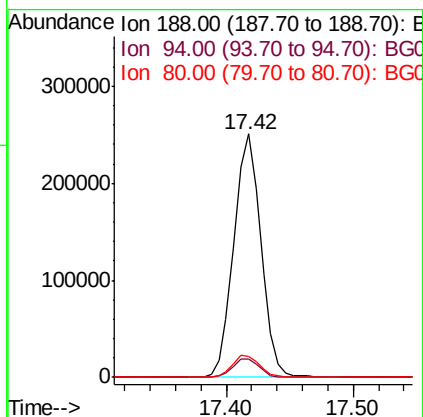
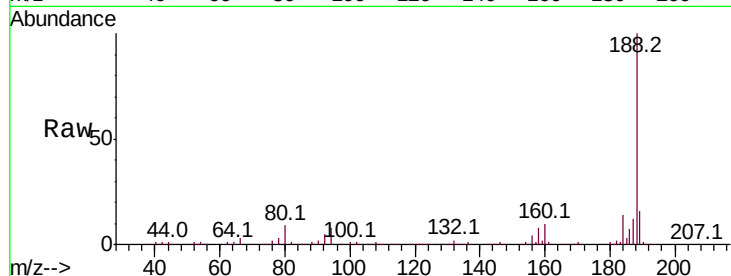




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036772.D
Acq: 18 Sep 2018 4:03

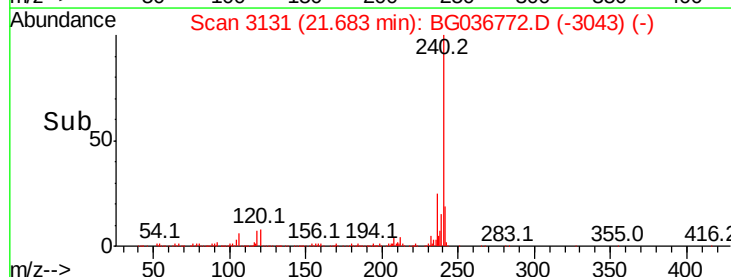
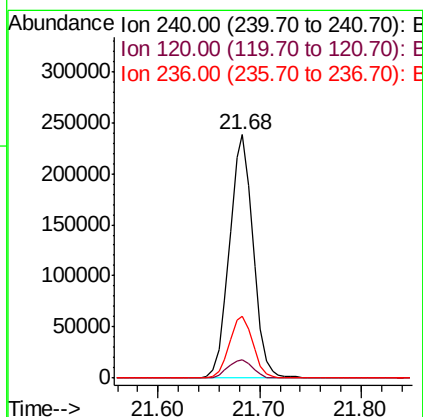
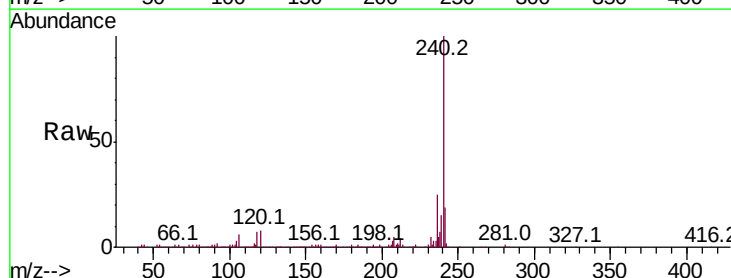
Instrument :
BNA_G
ClientSampleId :
OK-01-091418

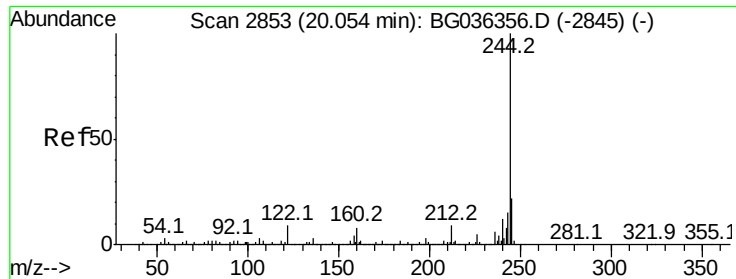
Tot Ion:188 Resp: 370969
Ion Ratio Lower Upper
188 100
94 7.8 6.7 10.1
80 8.8 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036772.D
Acq: 18 Sep 2018 4:03

Tgt Ion:240 Resp: 384823
Ion Ratio Lower Upper
240 100
120 7.8 6.9 10.3
236 25.4 21.2 31.8





#78

Terphenyl-d14

Concen: 83.888 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG036772.D

Acq: 18 Sep 2018 4:03

Instrument :

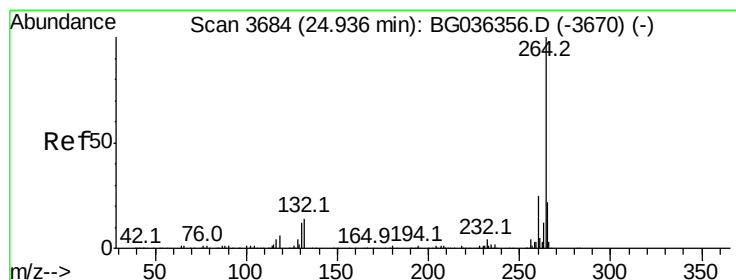
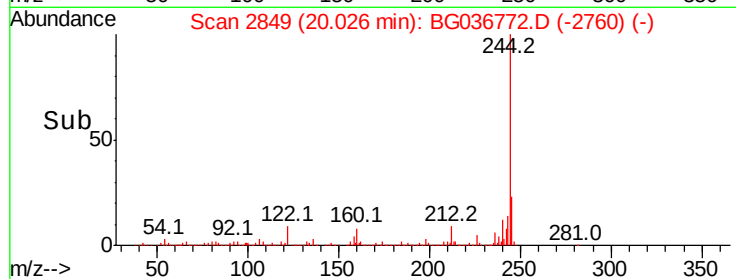
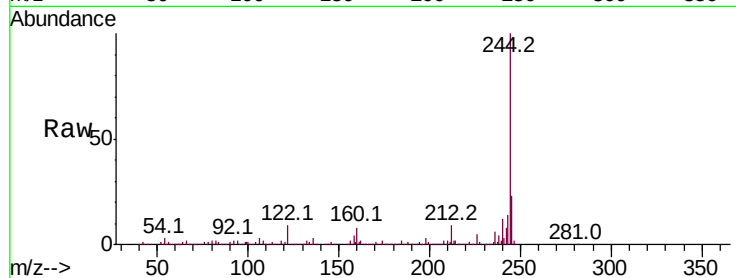
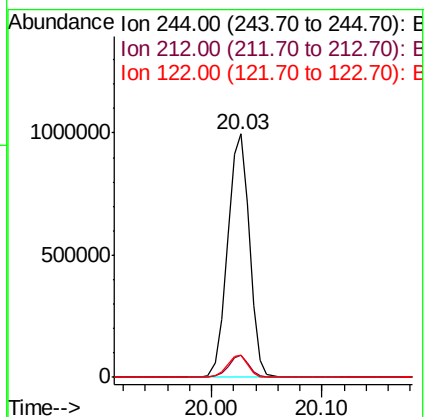
BNA_G

ClientSampleId :

OK-01-091418

Tot Ion:244 Resp: 1381150

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.6
122	8.9	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: BG036772.D

Acq: 18 Sep 2018 4:03

Tgt Ion:264 Resp: 379363

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.6	29.4
265	22.6	17.4	26.0

