

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091718\
 Data File : BG036779.D
 Acq On : 18 Sep 2018 8:38
 Operator : JU/SJ
 Sample : J4935-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PHASE-1

Quant Time: Sep 18 11:31:19 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	58926	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	240732	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	156195	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	385821	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	400146	20.00	ng	0.00
86) Perylene-d12	24.89	264	387519	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	91341	24.59	ng	0.00
7) Phenol-d6	7.20	99	121304	22.81	ng	-0.01
23) Nitrobenzene-d5	9.21	82	92013	20.74	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	38880	20.86	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	234589	21.44	ng	-0.01
78) Terphenyl-d14	20.02	244	392533	22.93	ng	0.00

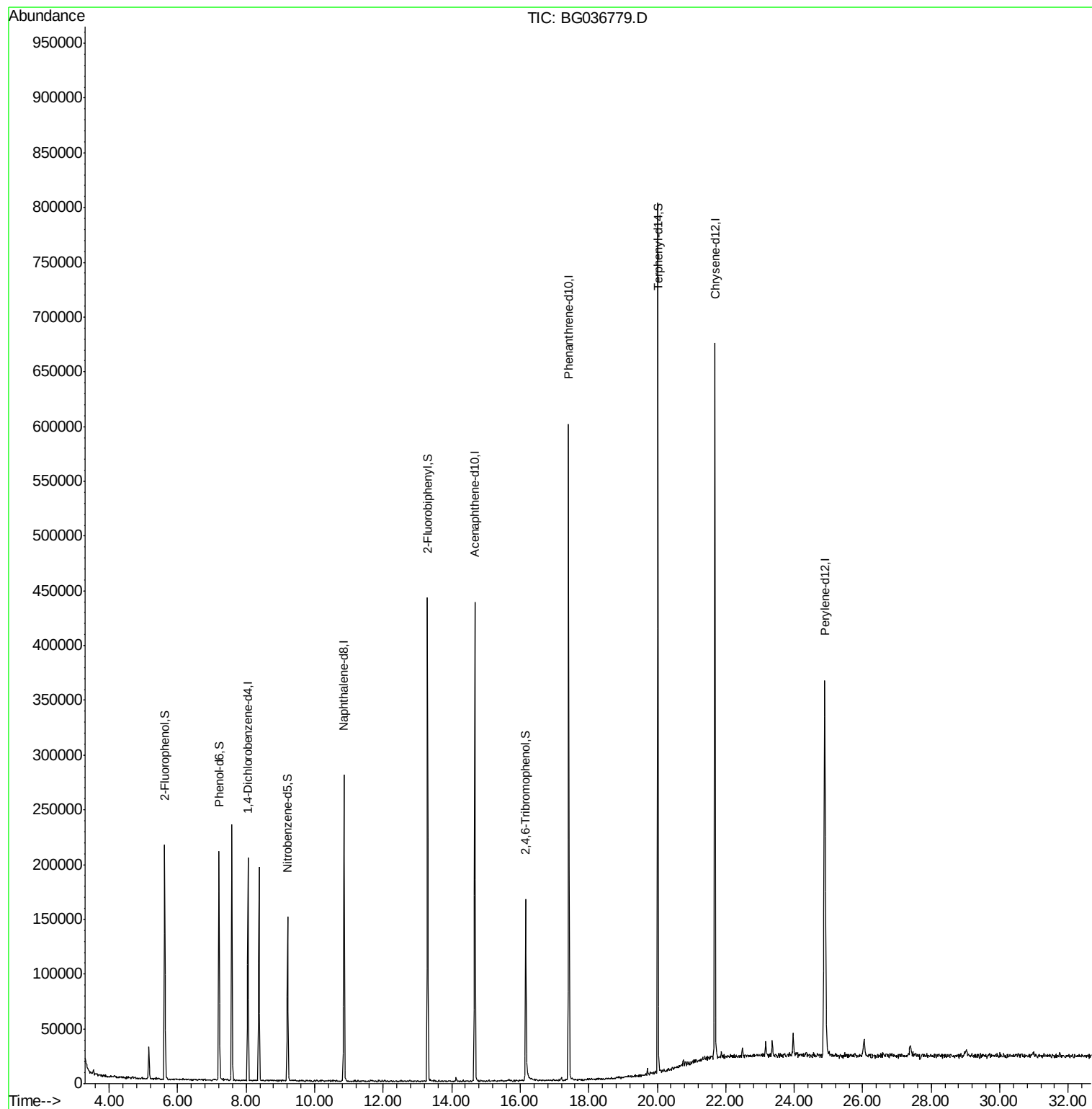
Target Compounds Qvalue

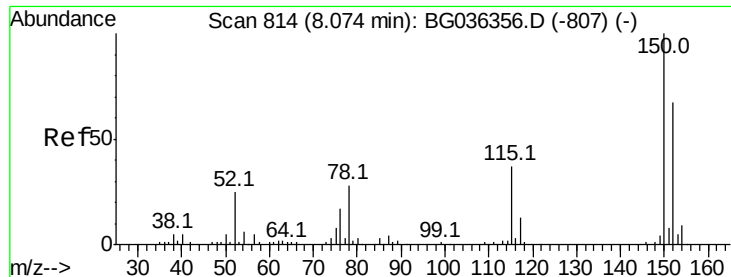
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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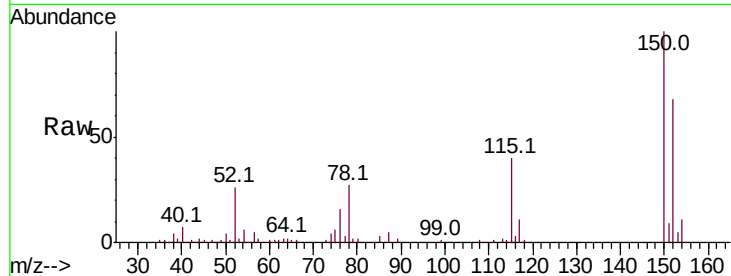


#1

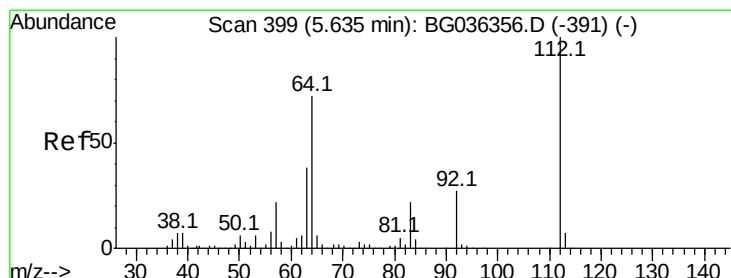
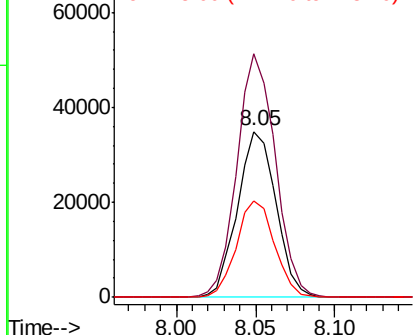
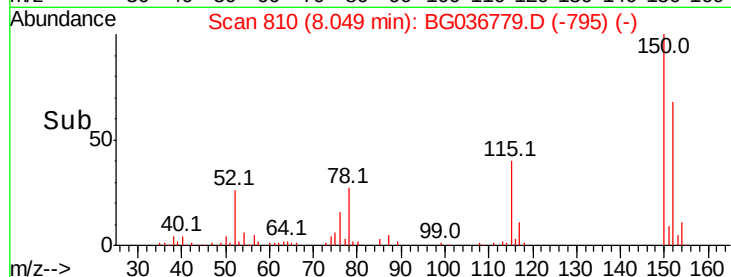
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BG036779.D
 Acq: 18 Sep 2018 8:38

Instrument :
 BNA_G
 ClientSampleId :
 PHASE-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.8	119.5	179.3
115	58.0	44.5	66.7



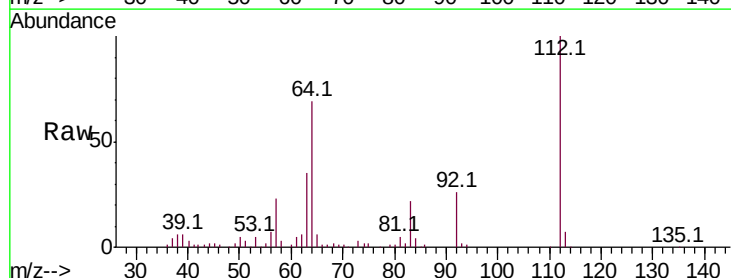
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



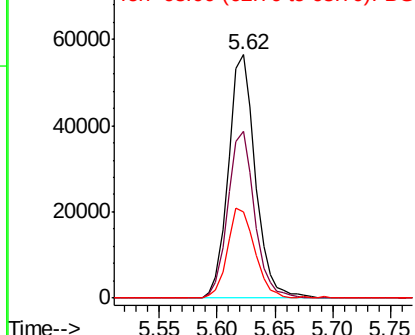
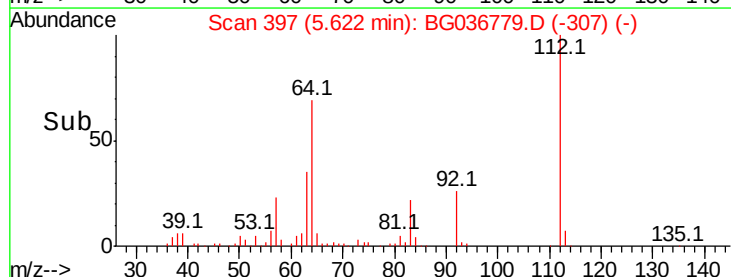
#5

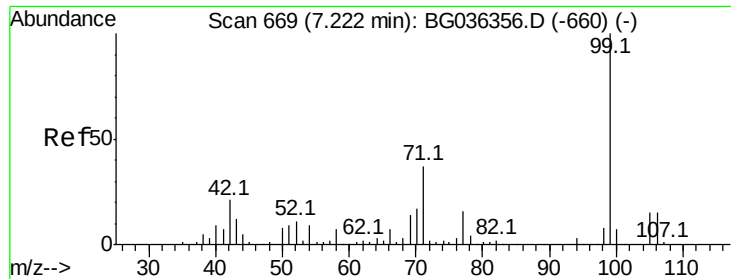
2-Fluorophenol
 Concen: 24.589 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BG036779.D
 Acq: 18 Sep 2018 8:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.6	57.2	85.8
63	35.5	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: 22.808 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036779.D

Acq: 18 Sep 2018 8:38

Instrument :

BNA_G

ClientSampleId :

PHASE-1

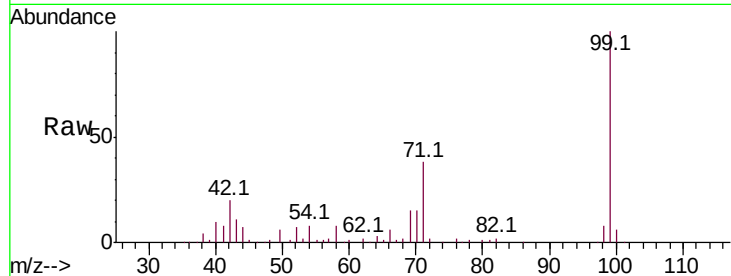
Tot Ion: 99 Resp: 121304

Ion Ratio Lower Upper

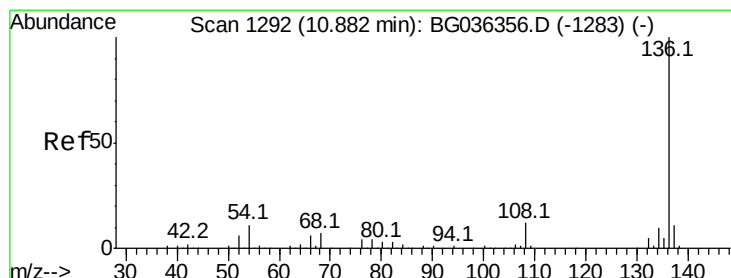
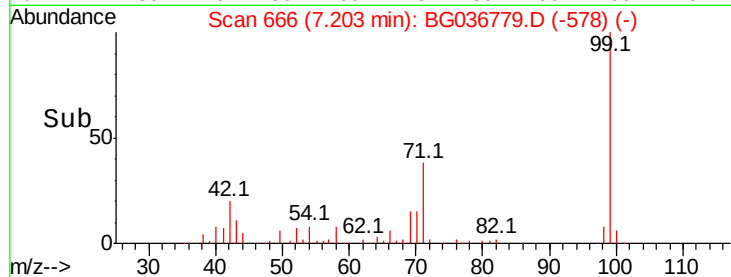
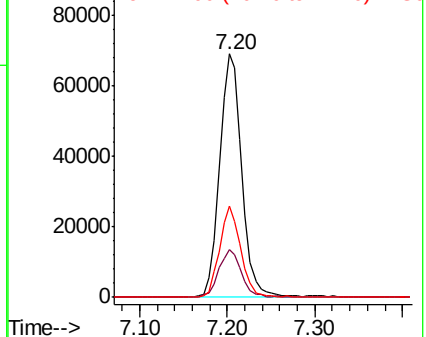
99 100

42 19.7 16.5 24.7

71 37.7 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# 1287

Delta R.T. -0.01 min

Lab File: BG036779.D

Acq: 18 Sep 2018 8:38

Tgt Ion: 136 Resp: 240732

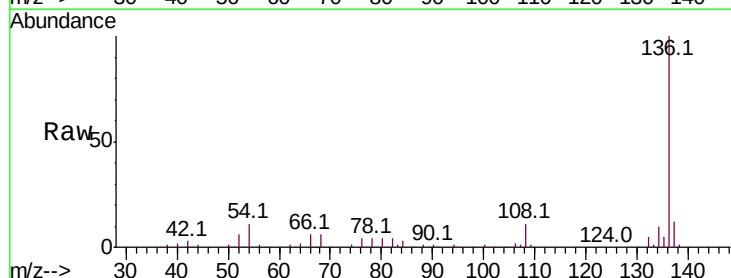
Ion Ratio Lower Upper

136 100

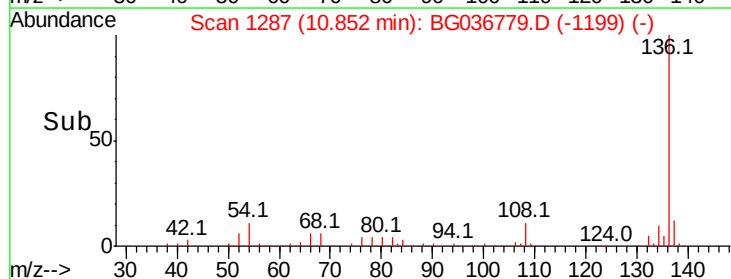
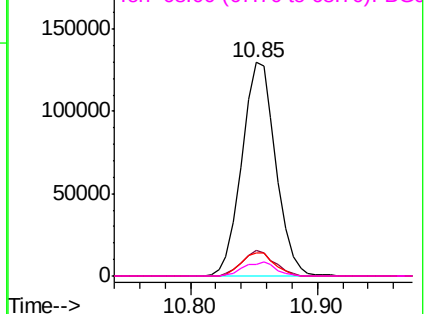
137 11.8 8.8 13.2

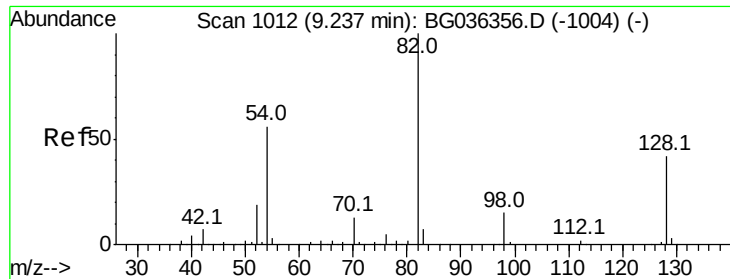
54 11.0 9.2 13.8

68 5.6 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

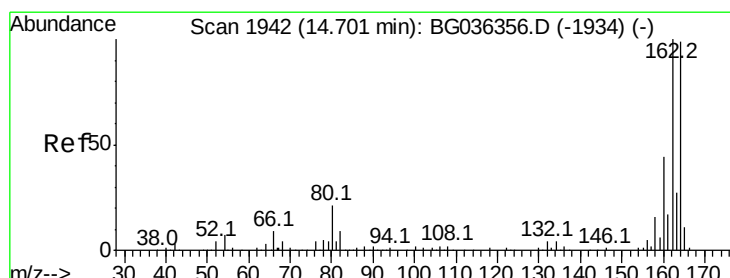
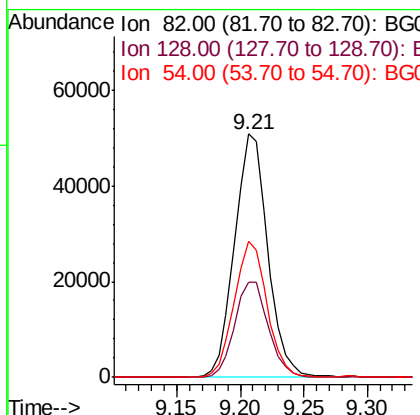
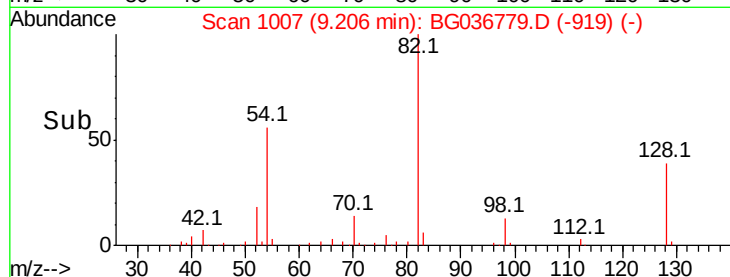
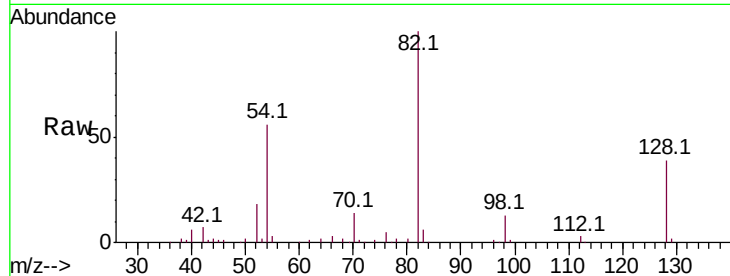




#23
 Nitrobenzene-d5
 Concen: 20.738 ng
 RT: 9.21 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BG036779.D
 Acq: 18 Sep 2018 8:38

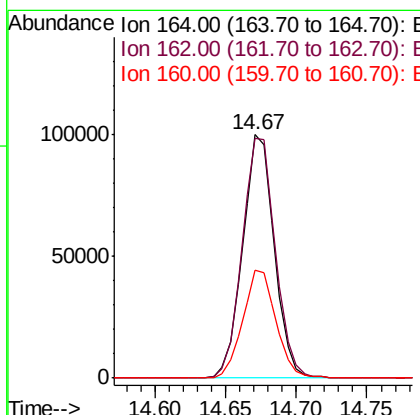
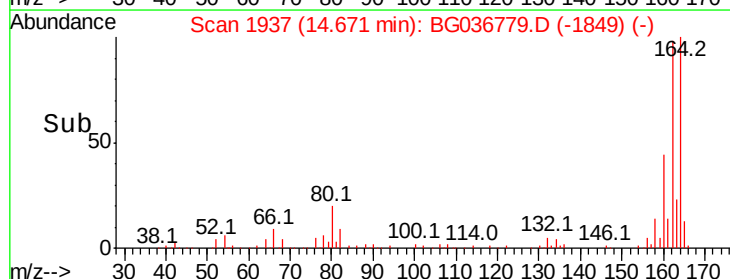
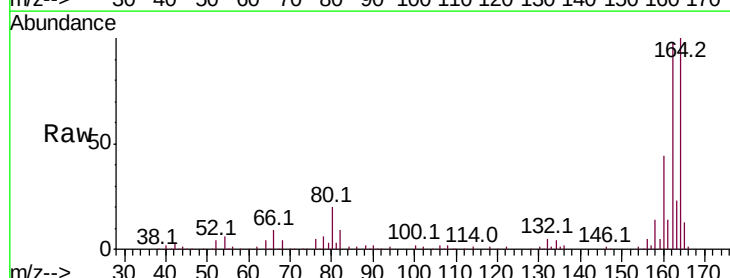
Instrument :
 BNA_G
 ClientSampleId :
 PHASE-1

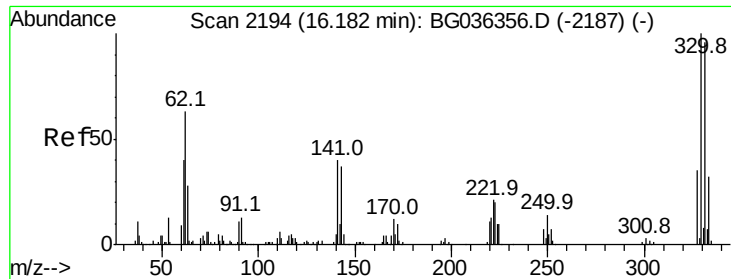
Tot Ion: 82 Resp: 92013
 Ion Ratio Lower Upper
 82 100
 128 39.3 33.3 49.9
 54 55.8 45.1 67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.01 min
 Lab File: BG036779.D
 Acq: 18 Sep 2018 8:38

Tgt Ion:164 Resp: 156195
 Ion Ratio Lower Upper
 164 100
 162 98.3 80.7 121.1
 160 44.1 35.3 52.9

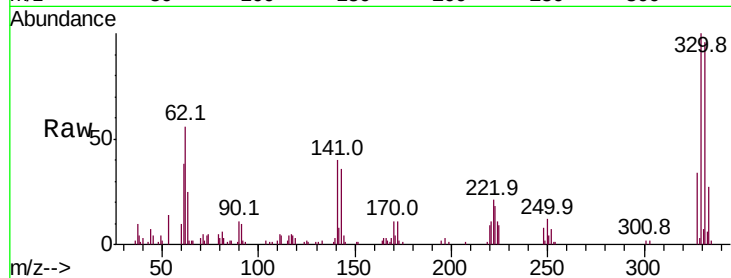




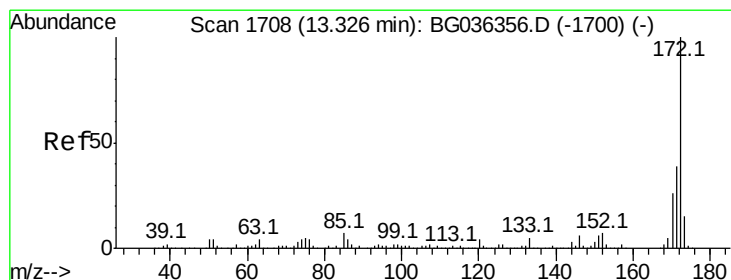
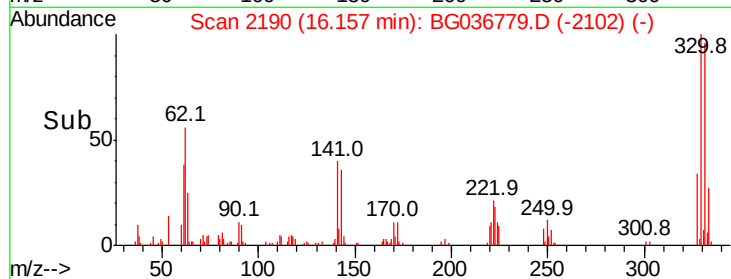
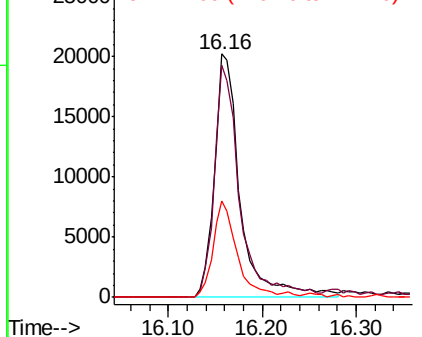
#41
 2,4,6-Tribromophenol
 Concen: 20.861 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG036779.D
 Acq: 18 Sep 2018 8:38

Instrument :
 BNA_G
 ClientSampleId :
 PHASE-1

Tot Ion:330 Resp: 38880
 Ion Ratio Lower Upper
 330 100
 332 94.0 75.4 113.2
 141 36.2 30.7 46.1

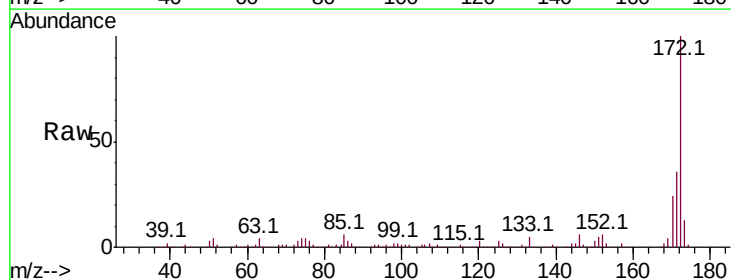


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

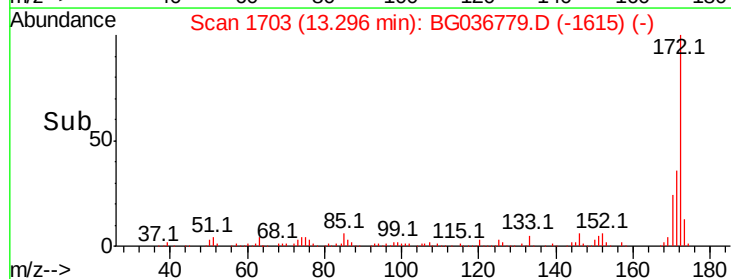
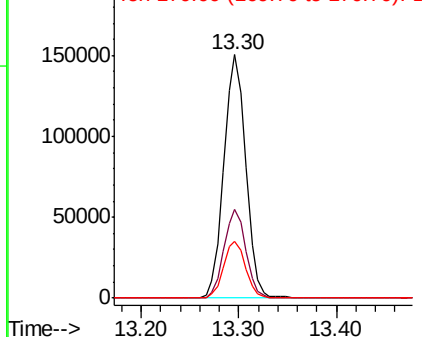


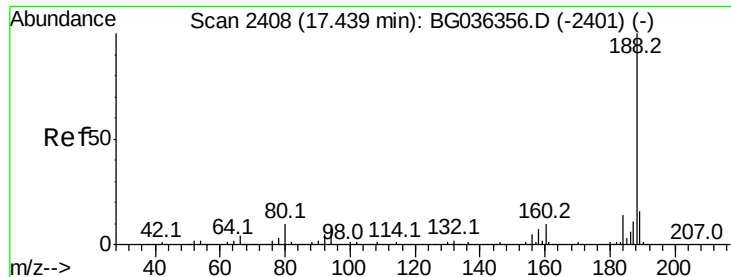
#44
 2-Fluorobiphenyl
 Concen: 21.444 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036779.D
 Acq: 18 Sep 2018 8:38

Tgt Ion:172 Resp: 234589
 Ion Ratio Lower Upper
 172 100
 171 36.4 31.3 46.9
 170 23.5 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

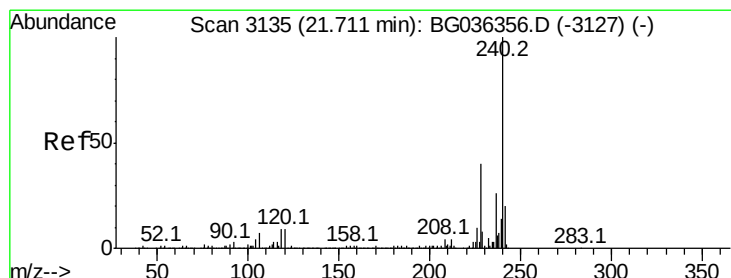
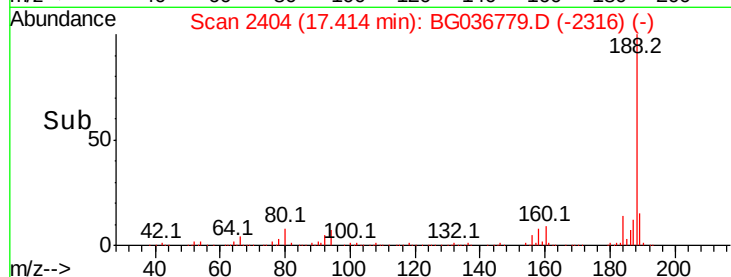
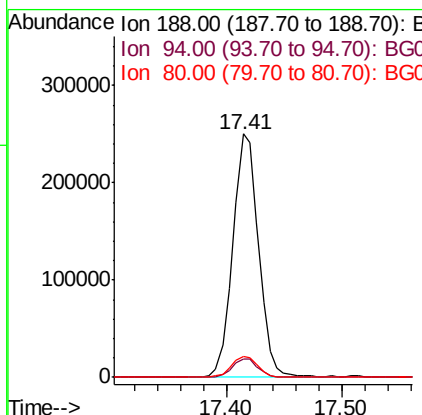
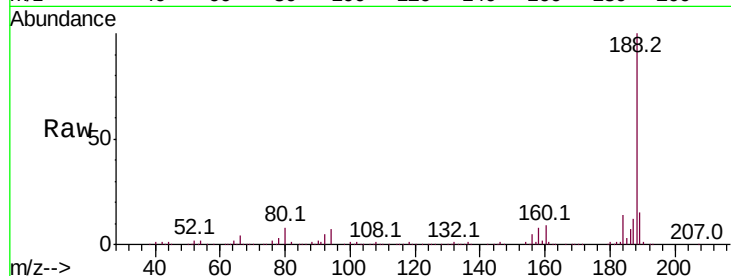




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG036779.D
Acq: 18 Sep 2018 8:38

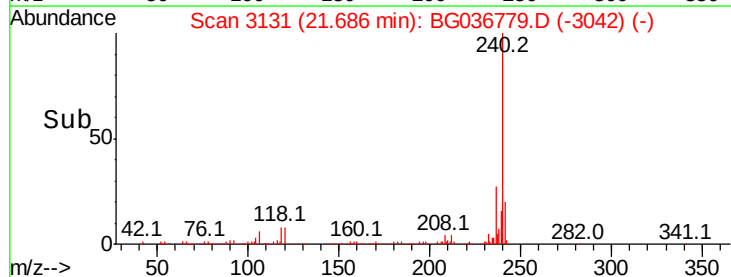
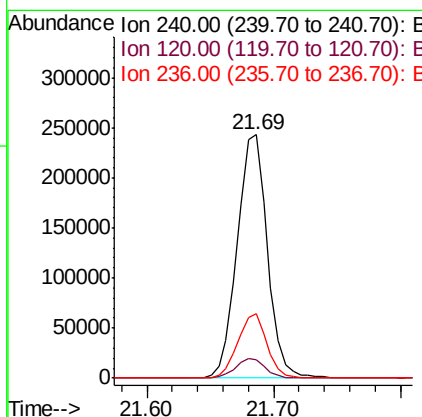
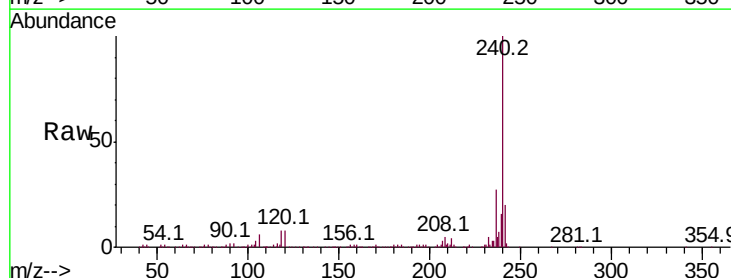
Instrument :
BNA_G
ClientSampleId :
PHASE-1

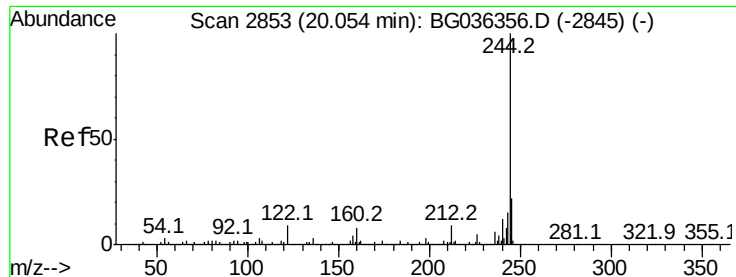
Tot Ion:188 Resp: 385821
Ion Ratio Lower Upper
188 100
94 7.5 6.7 10.1
80 8.4 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036779.D
Acq: 18 Sep 2018 8:38

Tgt Ion:240 Resp: 400146
Ion Ratio Lower Upper
240 100
120 7.8 6.9 10.3
236 26.5 21.2 31.8





#78

Terphenyl-d14

Concen: 22.929 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036779.D

Acq: 18 Sep 2018 8:38

Instrument :

BNA_G

ClientSampleId :

PHASE-1

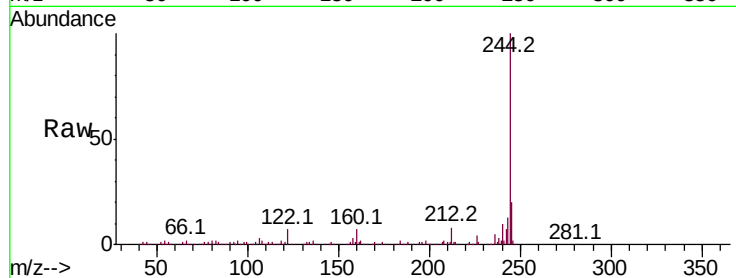
Tot Ion:244 Resp: 392533

Ion Ratio Lower Upper

244 100

212 7.6 7.0 10.6

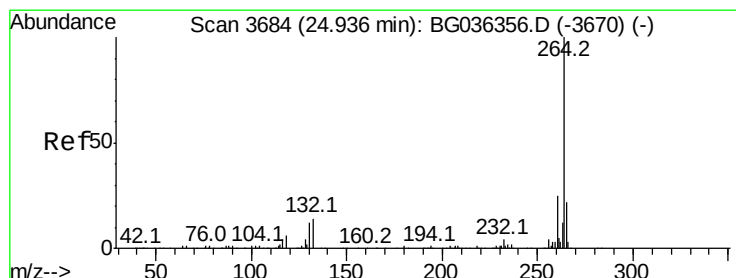
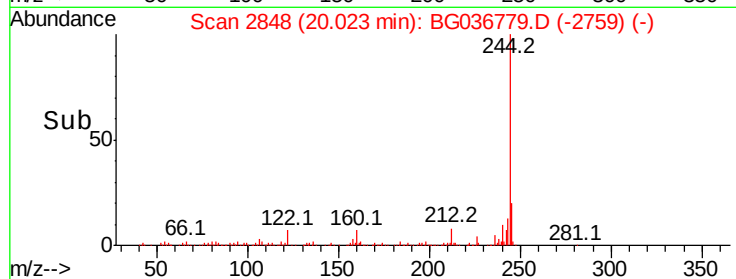
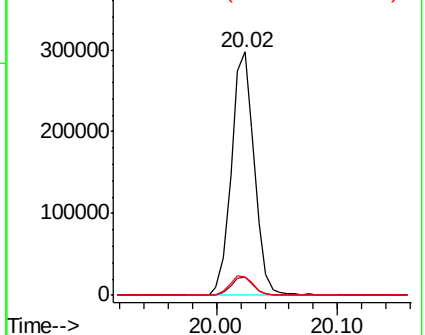
122 7.3 7.1 10.7



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. -0.01 min

Lab File: BG036779.D

Acq: 18 Sep 2018 8:38

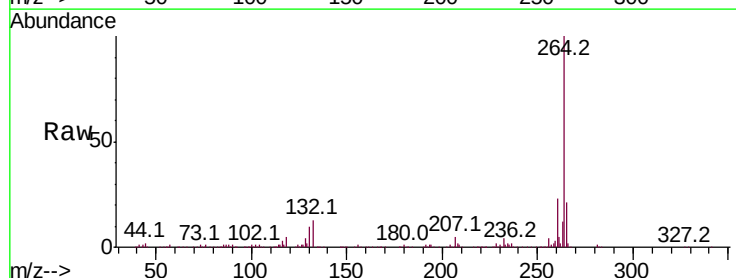
Tgt Ion:264 Resp: 387519

Ion Ratio Lower Upper

264 100

260 22.7 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

