

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091818\
 Data File : BG036816.D
 Acq On : 19 Sep 2018 11:24
 Operator : JU/SJ
 Sample : J4935-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PHASE-1

Quant Time: Sep 19 12:16:52 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	54435	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	240497	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	158556	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	387435	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	388742	20.00	ng	-0.02
86) Perylene-d12	24.89	264	377387	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	92570	26.98	ng	0.00
7) Phenol-d6	7.20	99	125378	25.52	ng	-0.02
23) Nitrobenzene-d5	9.20	82	241598	54.51	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	38273	20.23	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	594544	53.54	ng	-0.02
78) Terphenyl-d14	20.02	244	953529	57.33	ng	-0.01

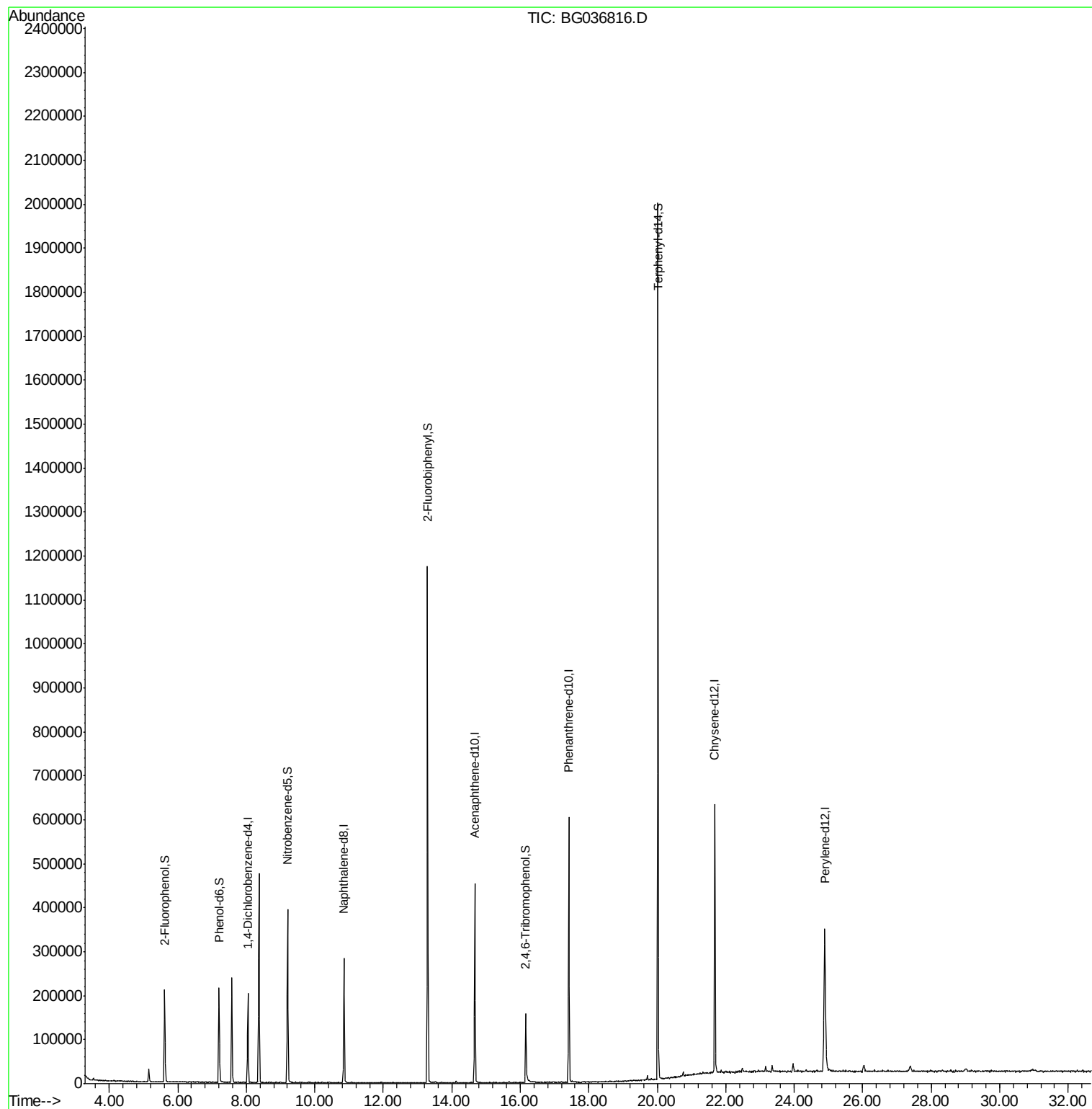
Target Compounds Qvalue

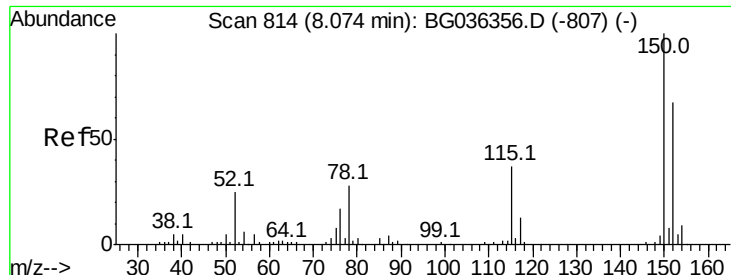
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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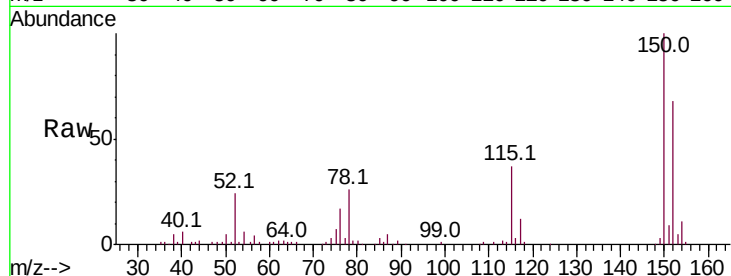


#1

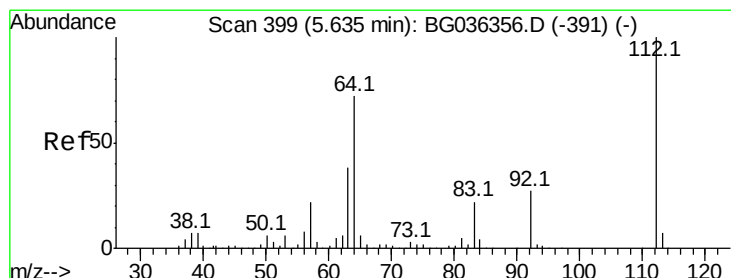
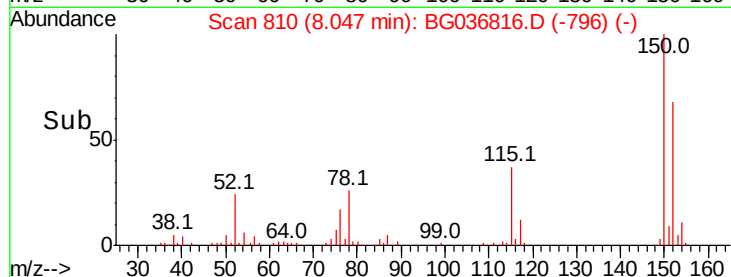
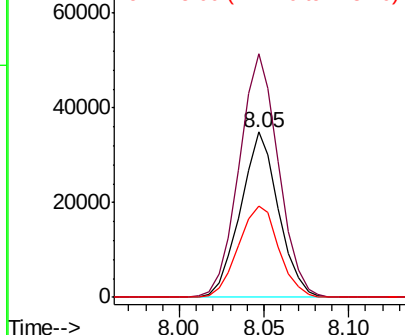
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.02 min
Lab File: BG036816.D
Acq: 19 Sep 2018 11:24

Instrument :
BNA_G
ClientSampleId :
PHASE-1

Tot Ion:152 Resp: 54435
Ion Ratio Lower Upper
152 100
150 147.3 119.5 179.3
115 55.1 44.5 66.7



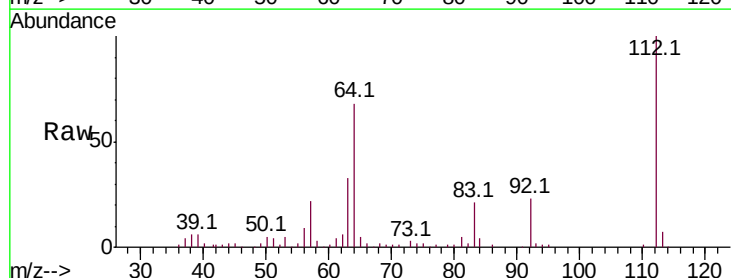
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



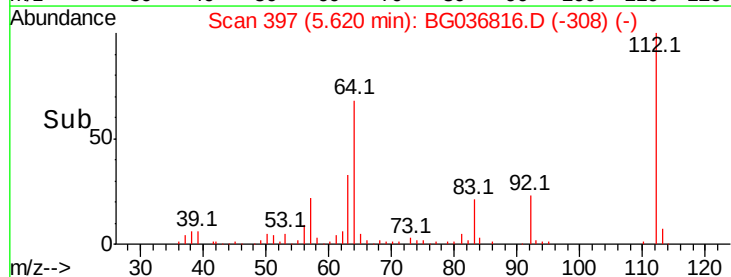
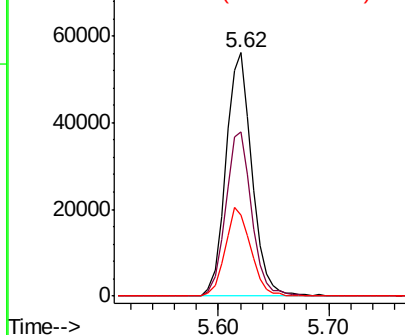
#5

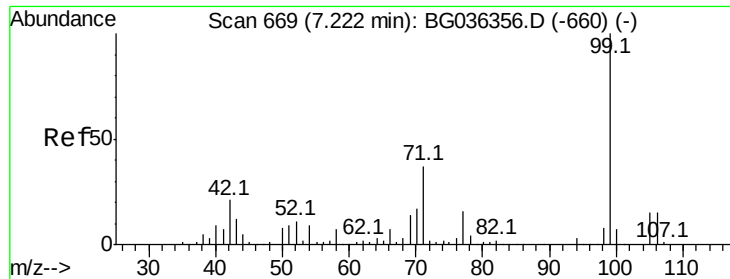
2-Fluorophenol
Concen: 26.976 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BG036816.D
Acq: 19 Sep 2018 11:24

Tgt Ion:112 Resp: 92570
Ion Ratio Lower Upper
112 100
64 67.6 57.2 85.8
63 33.2 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: 25.519 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.02 min

Lab File: BG036816.D

Acq: 19 Sep 2018 11:24

Instrument :

BNA_G

ClientSampleId :

PHASE-1

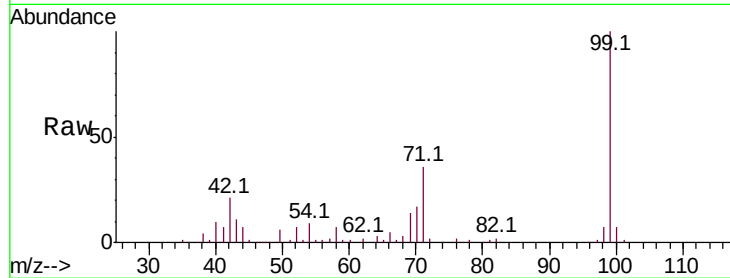
Tot Ion: 99 Resp: 125378

Ion Ratio Lower Upper

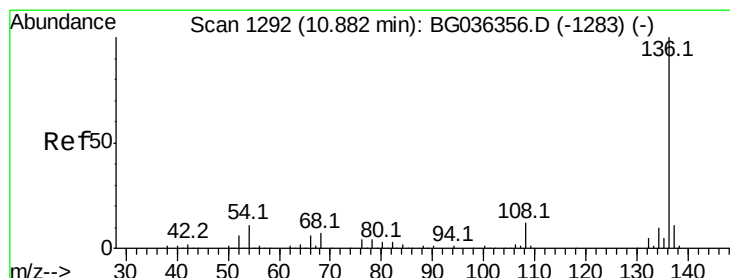
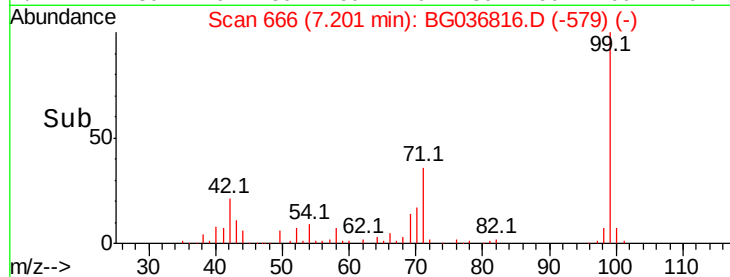
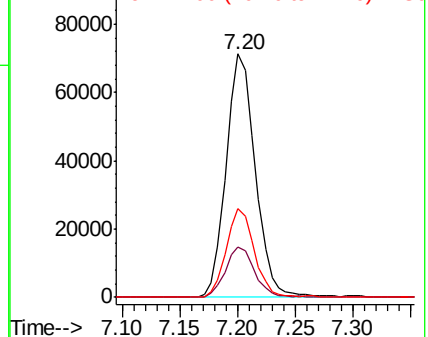
99 100

42 20.5 16.5 24.7

71 36.3 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: 10.85 min Scan# 1287

Delta R.T. -0.02 min

Lab File: BG036816.D

Acq: 19 Sep 2018 11:24

Tgt Ion: 136 Resp: 240497

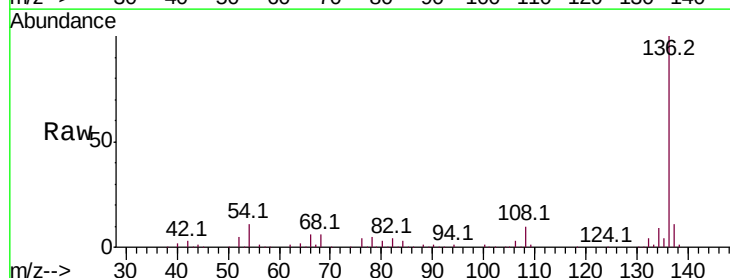
Ion Ratio Lower Upper

136 100

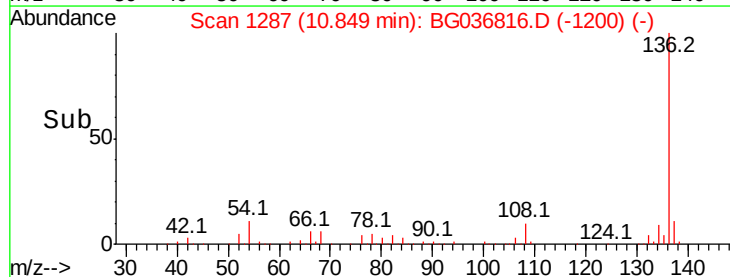
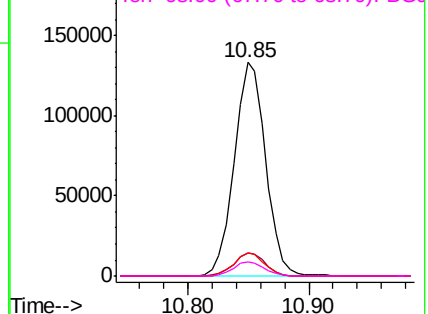
137 11.0 8.8 13.2

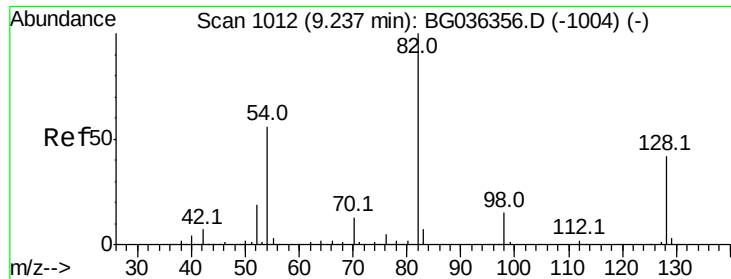
54 10.6 9.2 13.8

68 6.4 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: 54.505 ng

RT: 9.20 min Scan# 1007

Delta R.T. -0.02 min

Lab File: BG036816.D

Acq: 19 Sep 2018 11:24

Instrument :

BNA_G

ClientSampled :

PHASE-1

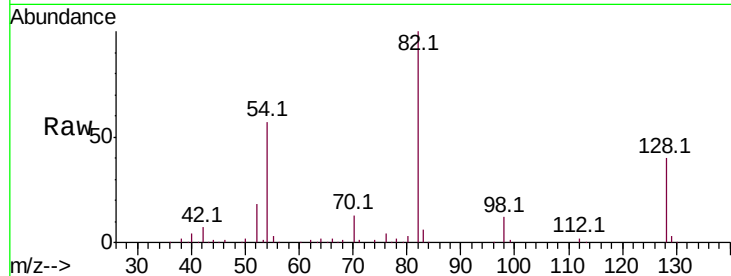
Tot Ion: 82 Resp: 241598

Ion Ratio Lower Upper

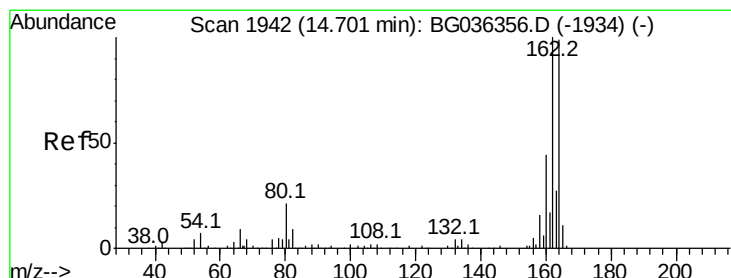
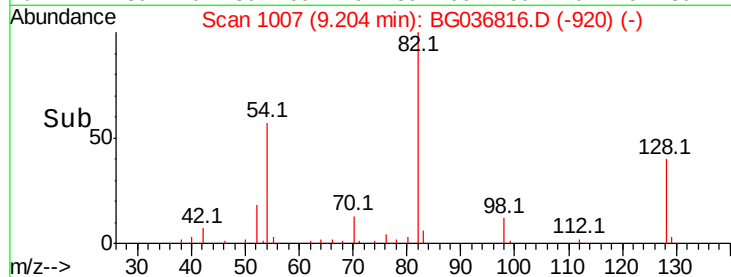
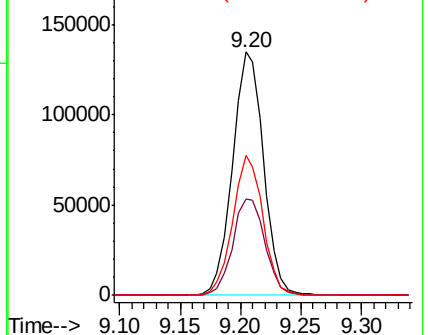
82 100

128 39.6 33.3 49.9

54 57.2 45.1 67.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1937

Delta R.T. -0.02 min

Lab File: BG036816.D

Acq: 19 Sep 2018 11:24

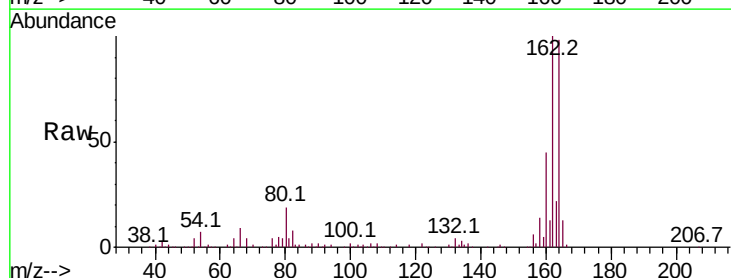
Tgt Ion: 164 Resp: 158556

Ion Ratio Lower Upper

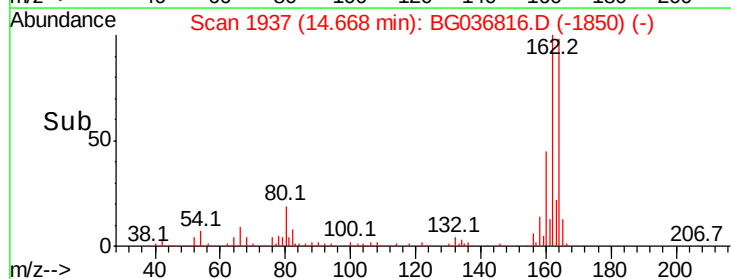
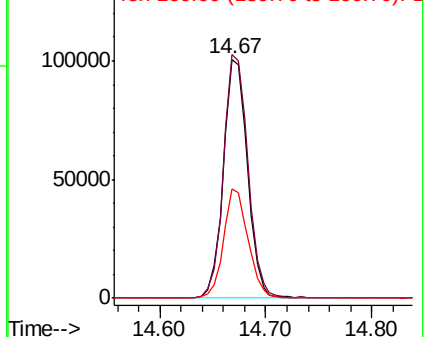
164 100

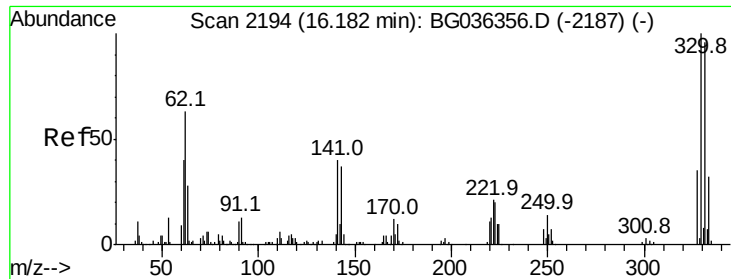
162 102.1 80.7 121.1

160 46.0 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

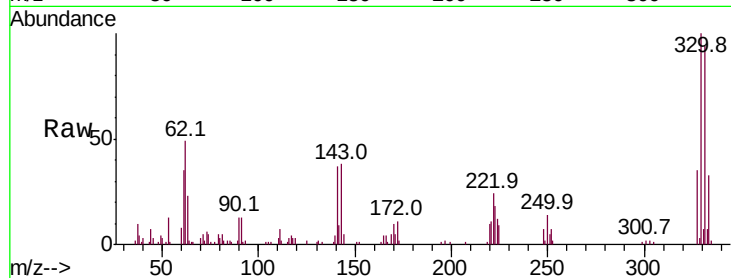




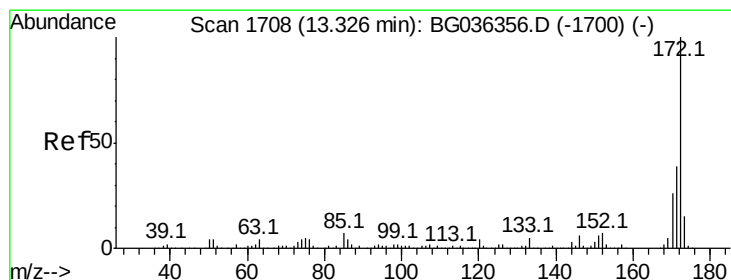
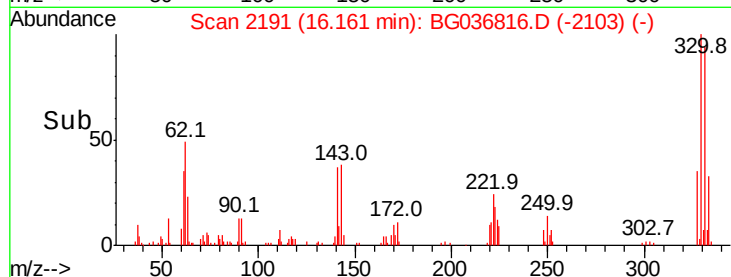
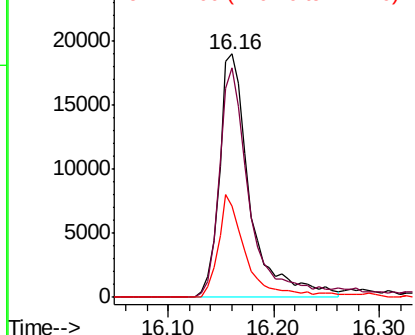
#41
 2,4,6-Tribromophenol
 Concen: 20.230 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036816.D
 Acq: 19 Sep 2018 11:24

Instrument :
 BNA_G
 ClientSampled :
 PHASE-1

Tot Ion:330 Resp: 38273
 Ion Ratio Lower Upper
 330 100
 332 93.0 75.4 113.2
 141 37.3 30.7 46.1

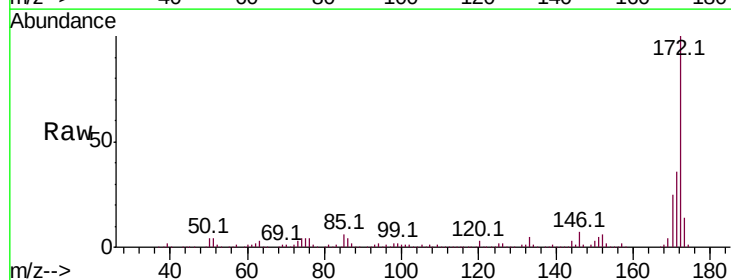


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

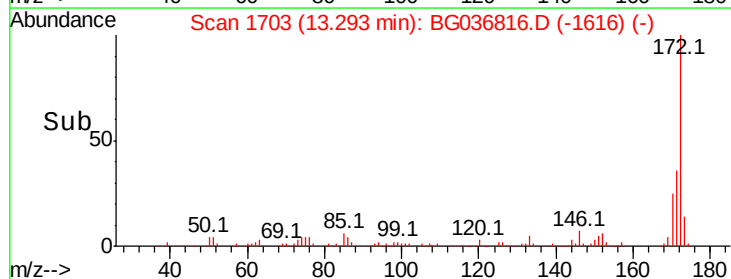
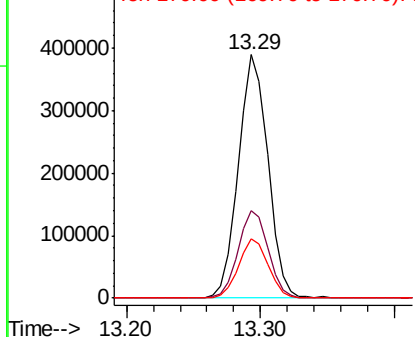


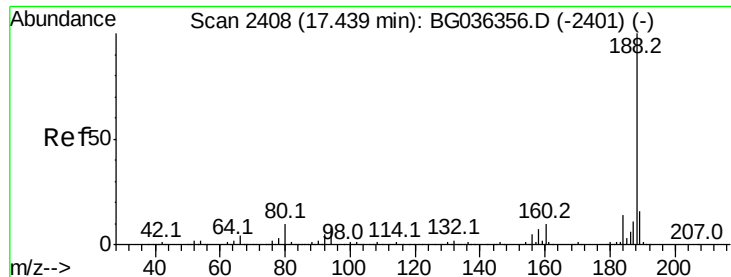
#44
 2-Fluorobiphenyl
 Concen: 53.540 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BG036816.D
 Acq: 19 Sep 2018 11:24

Tgt Ion:172 Resp: 594544
 Ion Ratio Lower Upper
 172 100
 171 36.1 31.3 46.9
 170 24.6 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

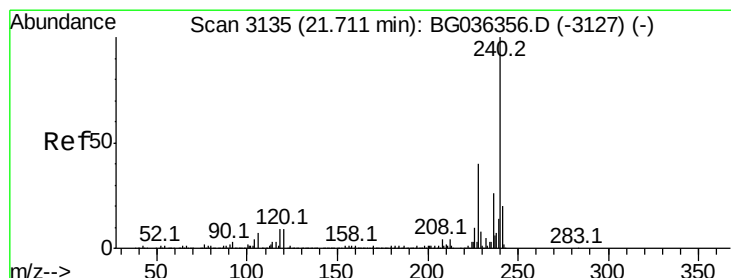
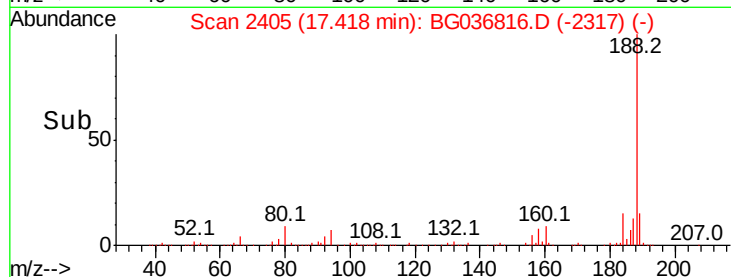
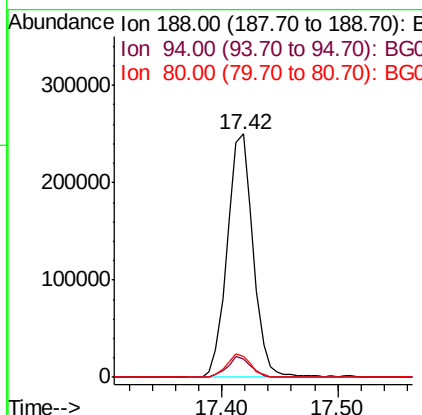
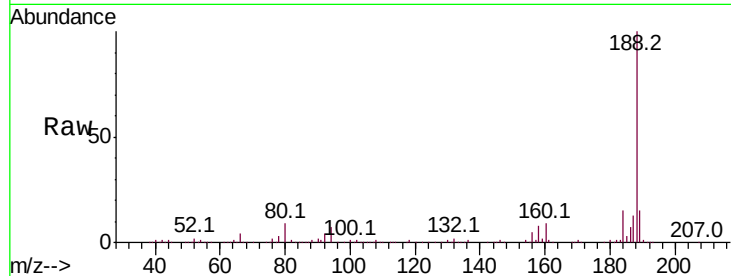




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036816.D
Acq: 19 Sep 2018 11:24

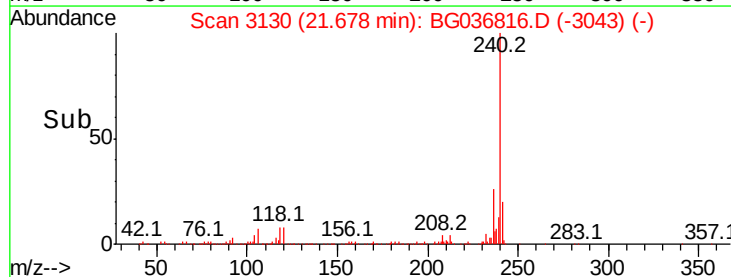
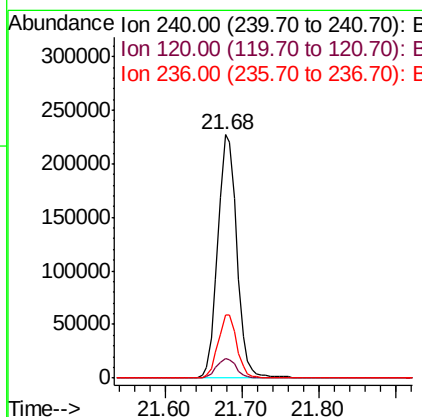
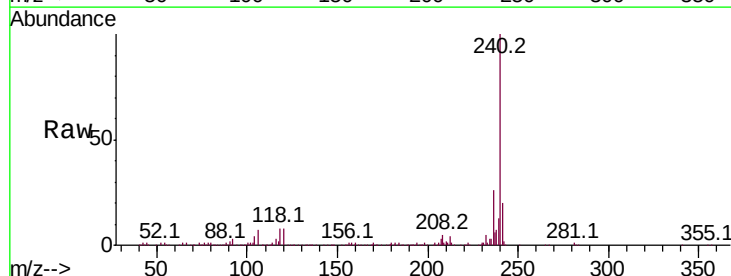
Instrument :
BNA_G
ClientSampleId :
PHASE-1

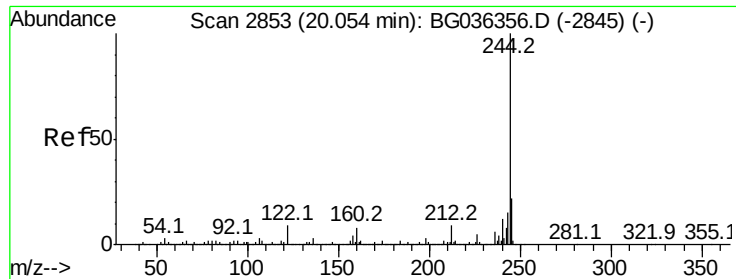
Tot Ion:188 Resp: 387435
Ion Ratio Lower Upper
188 100
94 7.3 6.7 10.1
80 8.7 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BG036816.D
Acq: 19 Sep 2018 11:24

Tgt Ion:240 Resp: 388742
Ion Ratio Lower Upper
240 100
120 8.0 6.9 10.3
236 26.1 21.2 31.8





#78

Terphenyl-d14

Concen: 57.332 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036816.D

Acq: 19 Sep 2018 11:24

Instrument :

BNA_G

ClientSampleId :

PHASE-1

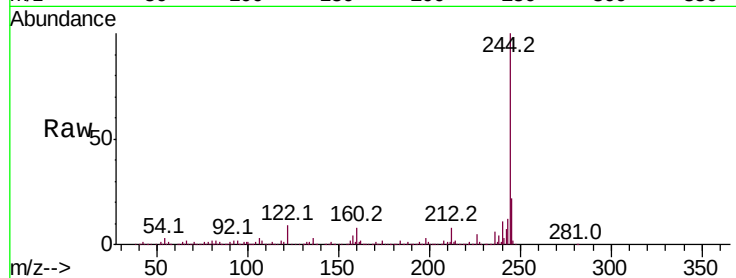
Tot Ion:244 Resp: 953529

Ion Ratio Lower Upper

244 100

212 8.2 7.0 10.6

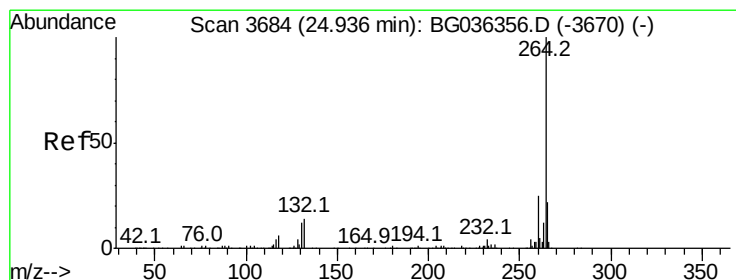
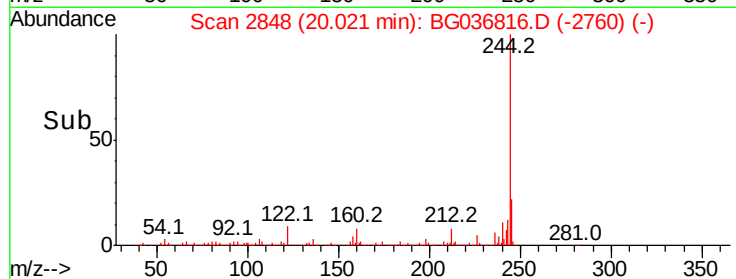
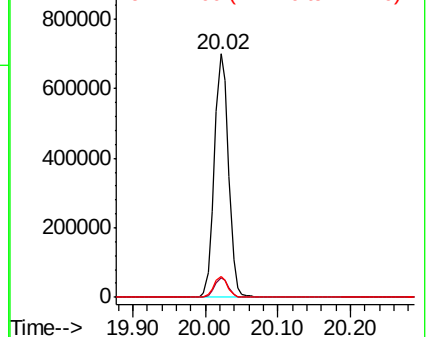
122 8.8 7.1 10.7



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: BG036816.D

Acq: 19 Sep 2018 11:24

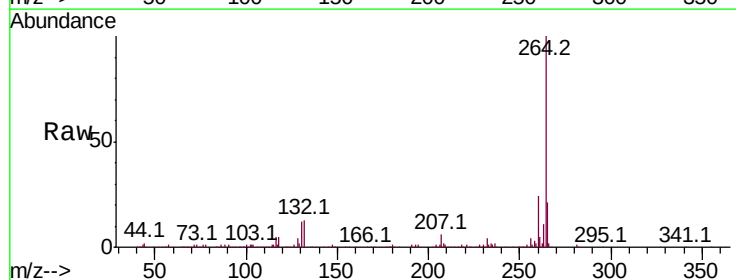
Tgt Ion:264 Resp: 377387

Ion Ratio Lower Upper

264 100

260 23.8 19.6 29.4

265 21.4 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

