

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091718\
 Data File : BG036783.D
 Acq On : 18 Sep 2018 11:15
 Operator : JU/SJ
 Sample : J4936-30
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PHASE-2

Quant Time: Sep 18 12:40:02 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	60555	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	247377	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	156932	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	389279	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	398906	20.00	ng	0.00
86) Perylene-d12	24.89	264	388470	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	399396	104.63	ng	0.00
7) Phenol-d6	7.21	99	496066	90.76	ng	0.00
23) Nitrobenzene-d5	9.21	82	387454	84.98	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	223884	119.56	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	844539	76.84	ng	-0.01
78) Terphenyl-d14	20.02	244	1391716	81.55	ng	0.00

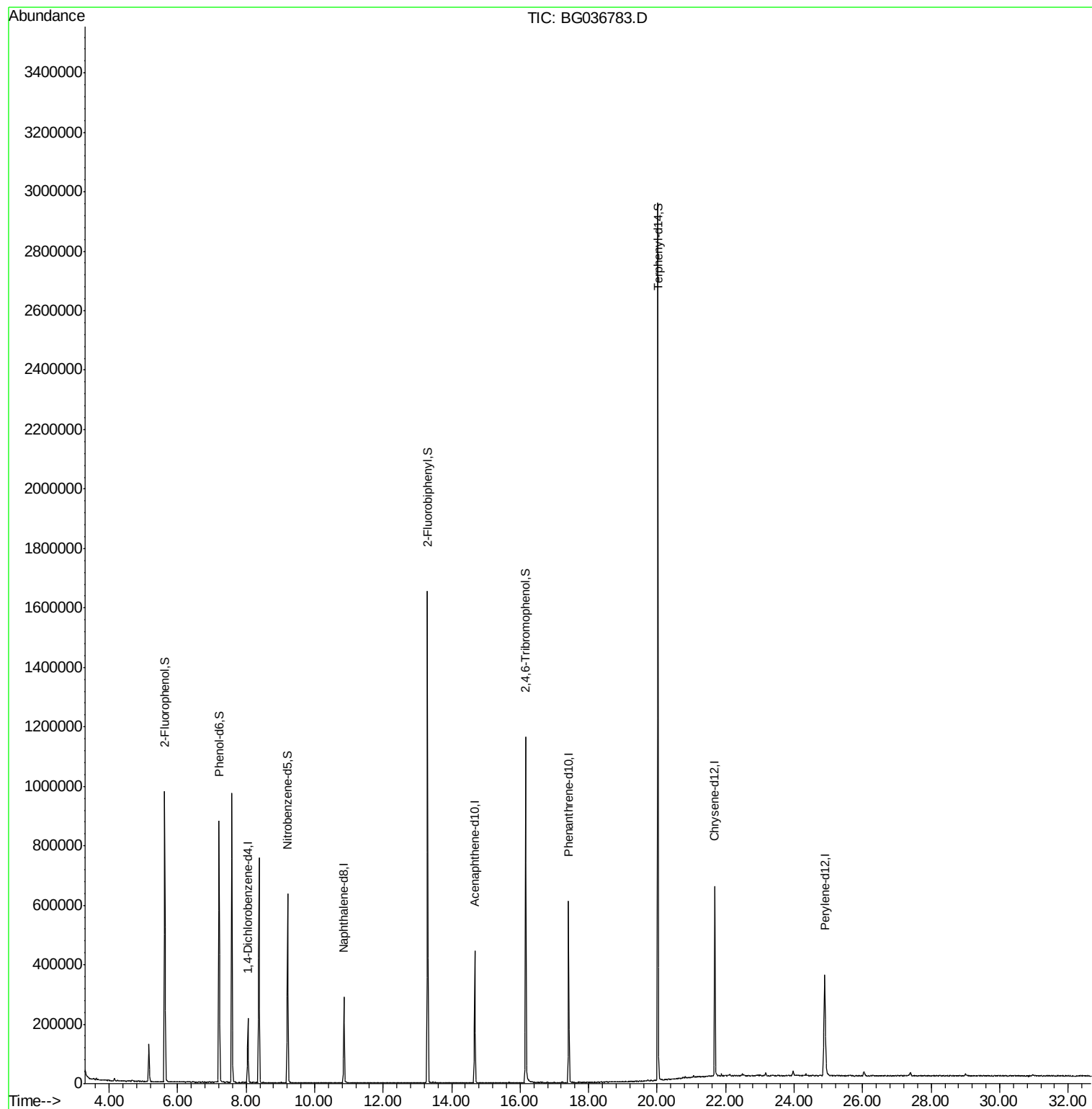
Target Compounds Qvalue

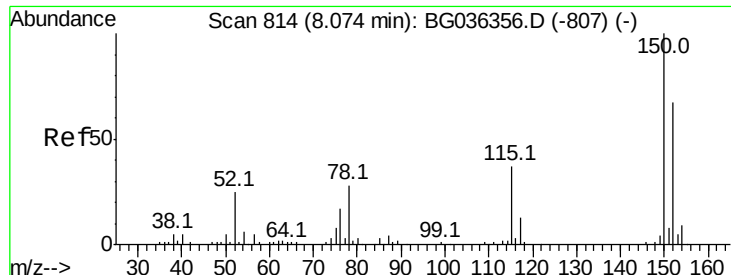
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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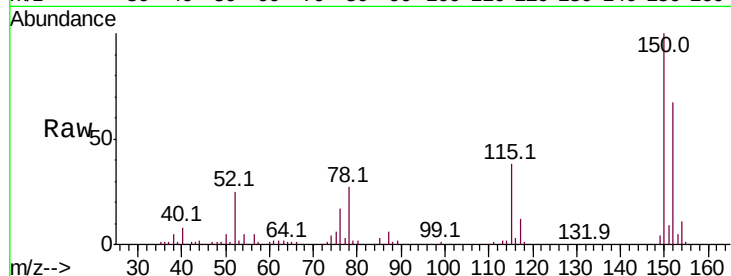




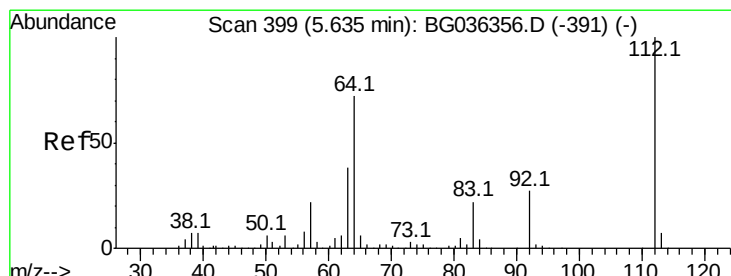
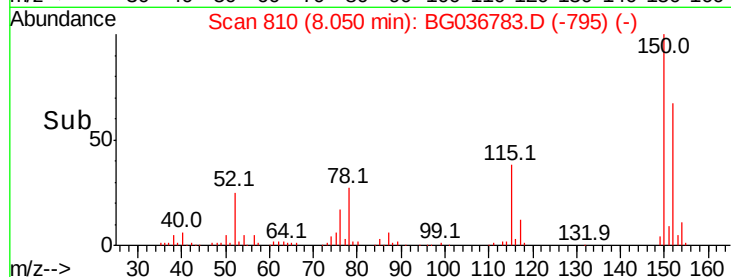
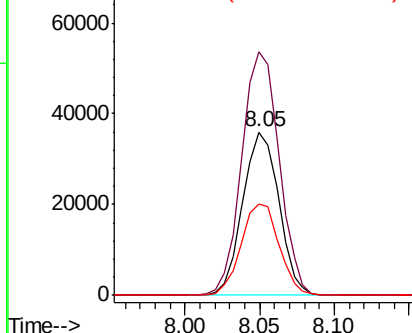
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BG036783.D
 Acq: 18 Sep 2018 11:15

Instrument :
 BNA_G
 ClientSampleId :
 PHASE-2

Tot Ion:152 Resp: 60555
 Ion Ratio Lower Upper
 152 100
 150 149.1 119.5 179.3
 115 56.1 44.5 66.7

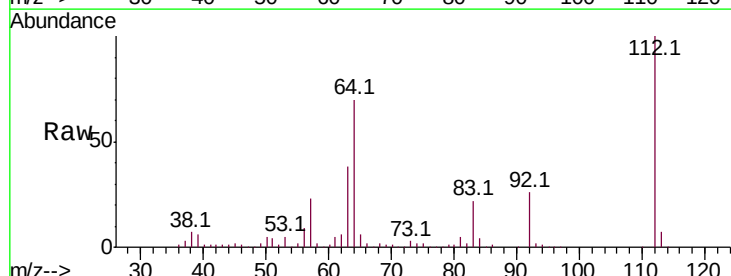


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

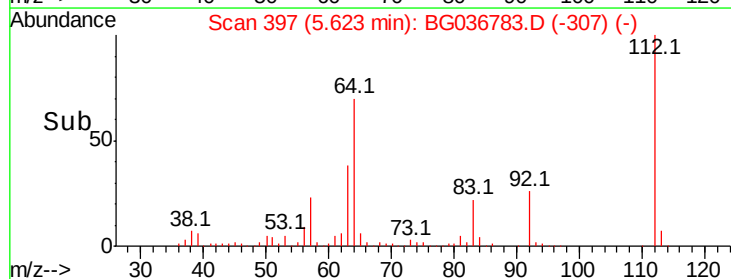
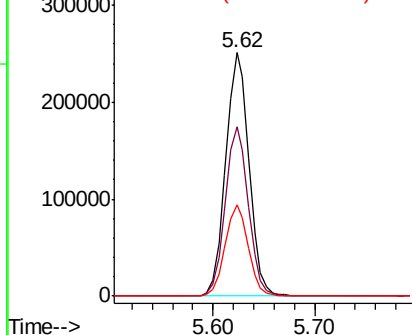


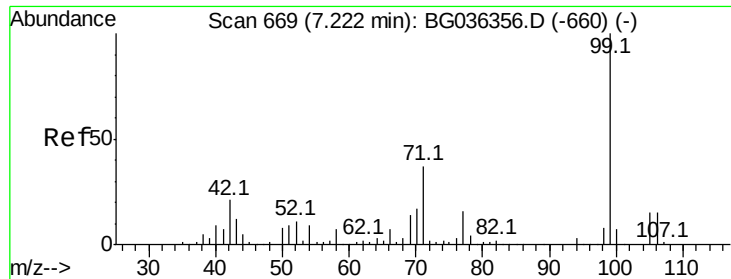
#5
 2-Fluorophenol
 Concen: 104.626 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BG036783.D
 Acq: 18 Sep 2018 11:15

Tgt Ion:112 Resp: 399396
 Ion Ratio Lower Upper
 112 100
 64 69.7 57.2 85.8
 63 37.7 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: 90.762 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036783.D

Acq: 18 Sep 2018 11:15

Instrument :

BNA_G

ClientSampleId :

PHASE-2

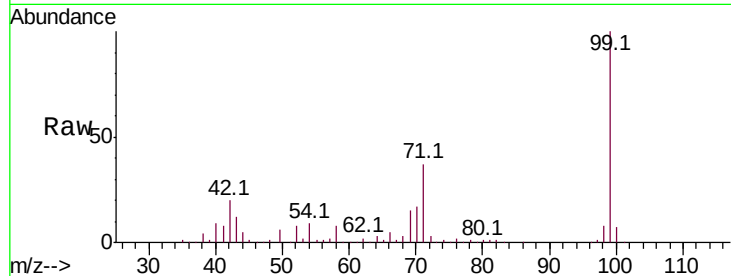
Tot Ion: 99 Resp: 496066

Ion Ratio Lower Upper

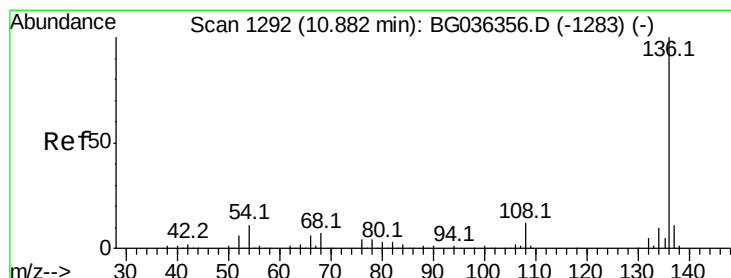
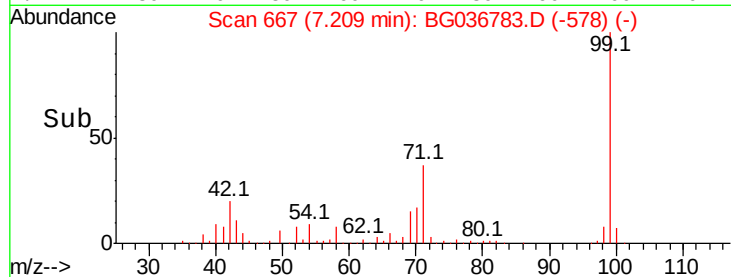
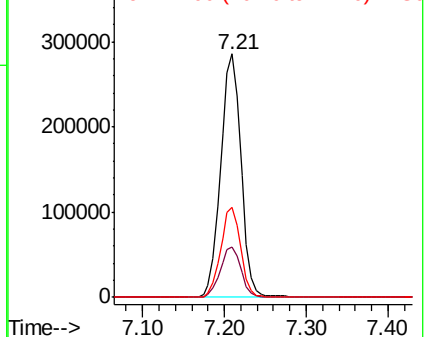
99 100

42 20.5 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: 10.85 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BG036783.D

Acq: 18 Sep 2018 11:15

Tgt Ion: 136 Resp: 247377

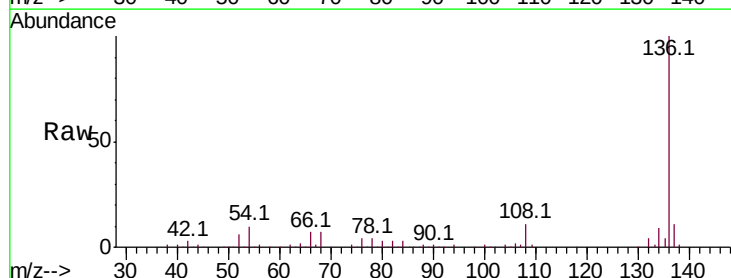
Ion Ratio Lower Upper

136 100

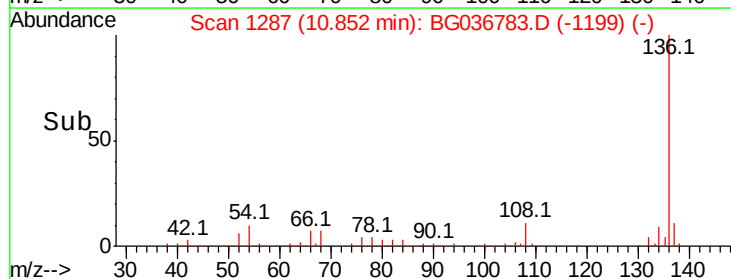
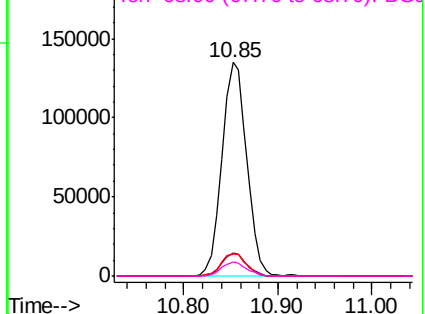
137 10.8 8.8 13.2

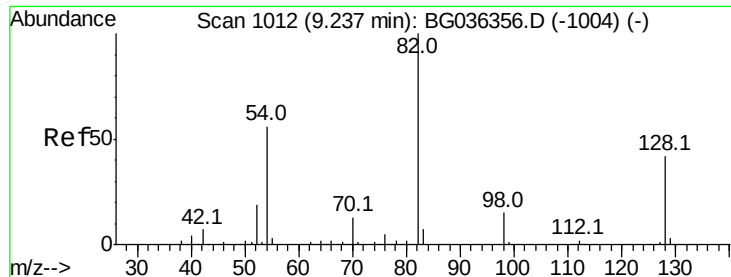
54 10.3 9.2 13.8

68 6.9 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

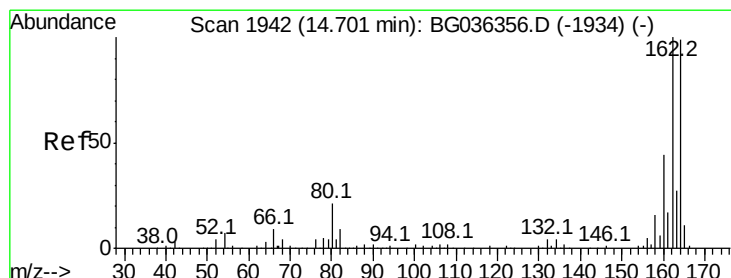
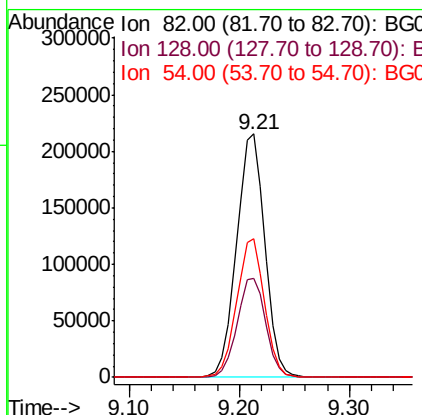
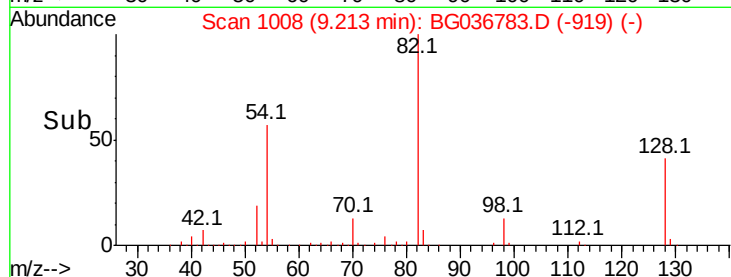
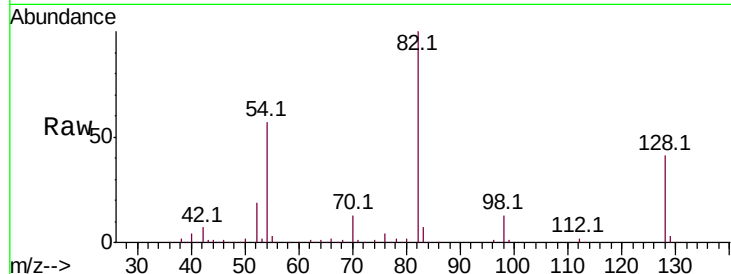




#23
 Nitrobenzene-d5
 Concen: 84.980 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BG036783.D
 Acq: 18 Sep 2018 11:15

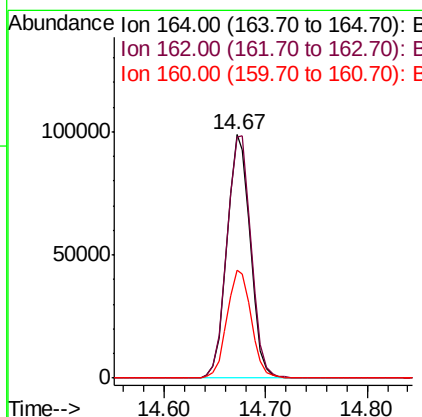
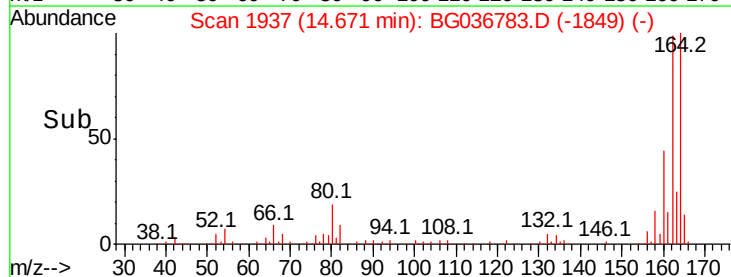
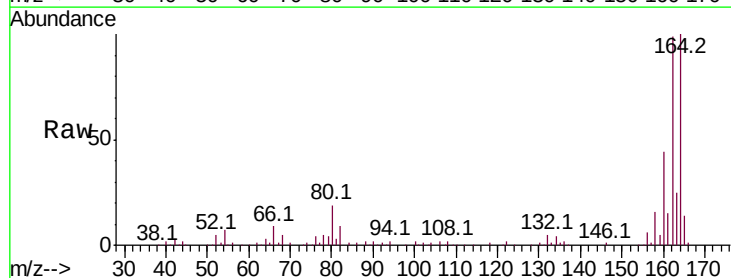
Instrument :
 BNA_G
 ClientSampleId :
 PHASE-2

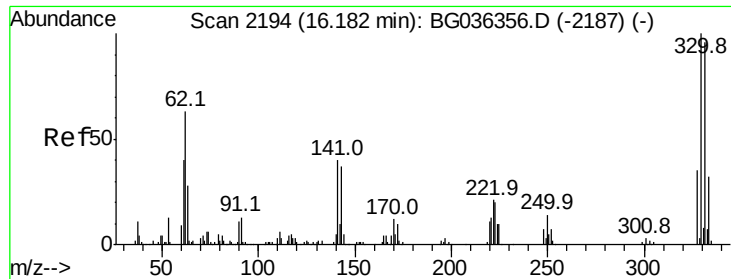
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.8	33.3	49.9
54	57.0	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.01 min
 Lab File: BG036783.D
 Acq: 18 Sep 2018 11:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.1	80.7	121.1
160	44.5	35.3	52.9

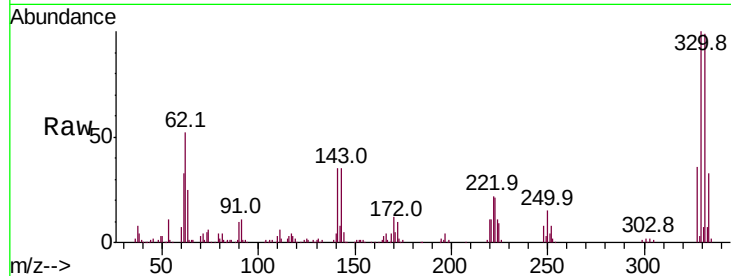




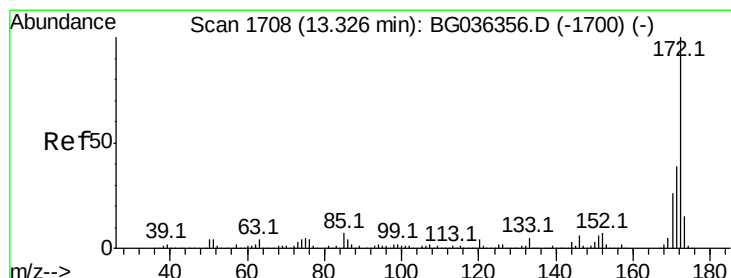
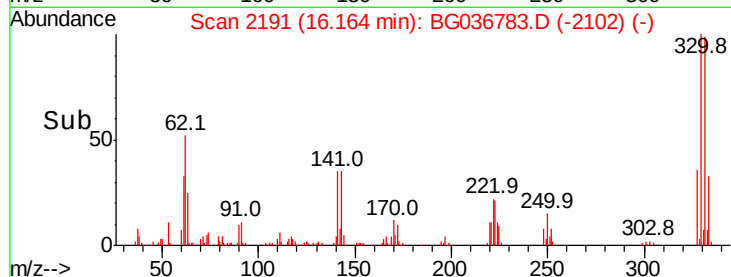
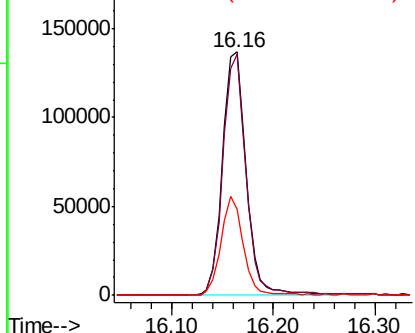
#41
 2,4,6-Tribromophenol
 Concen: 119.561 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036783.D
 Acq: 18 Sep 2018 11:15

Instrument :
 BNA_G
 ClientSampleId :
 PHASE-2

Tot Ion:330 Resp: 223884
 Ion Ratio Lower Upper
 330 100
 332 96.3 75.4 113.2
 141 38.0 30.7 46.1

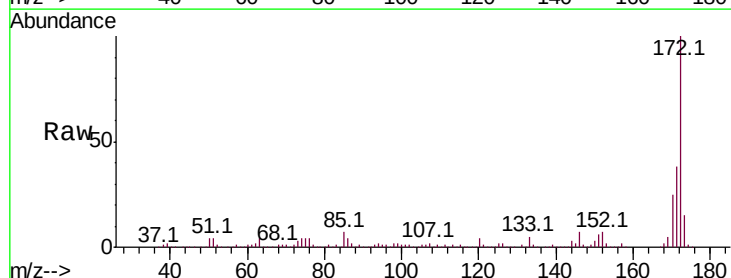


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

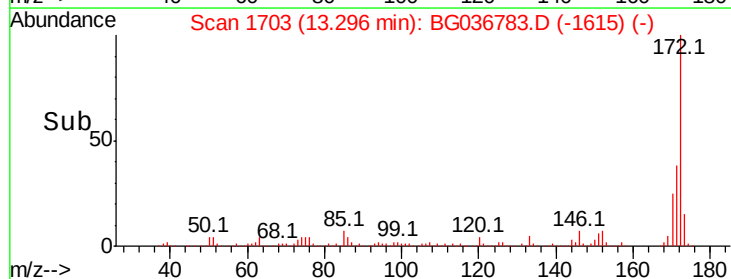
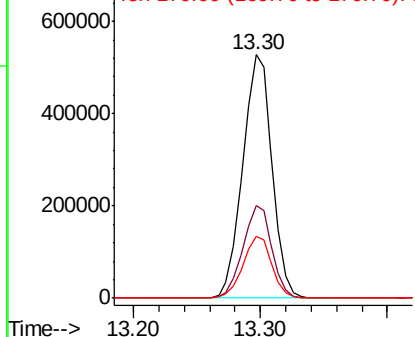


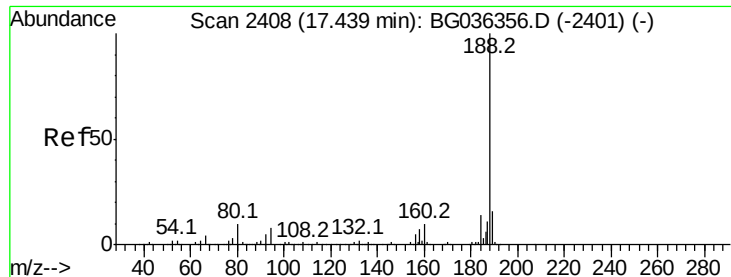
#44
 2-Fluorobiphenyl
 Concen: 76.839 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036783.D
 Acq: 18 Sep 2018 11:15

Tgt Ion:172 Resp: 844539
 Ion Ratio Lower Upper
 172 100
 171 38.1 31.3 46.9
 170 25.4 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

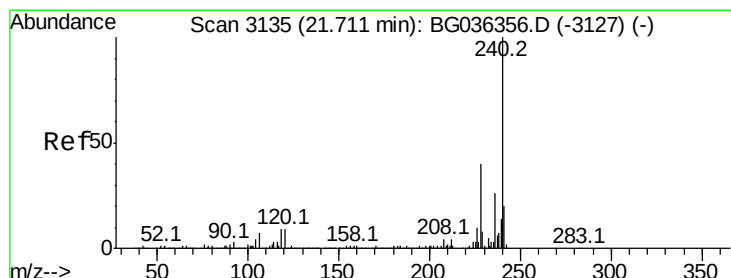
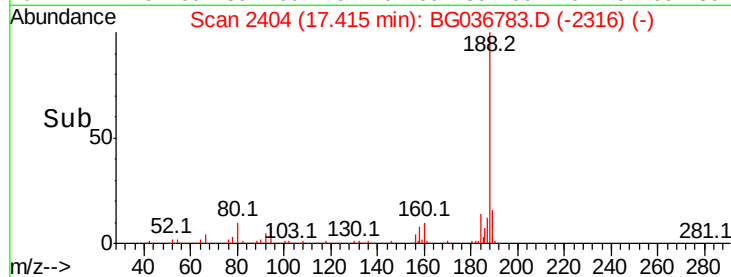
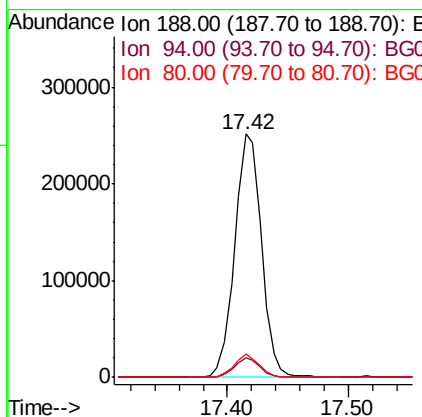
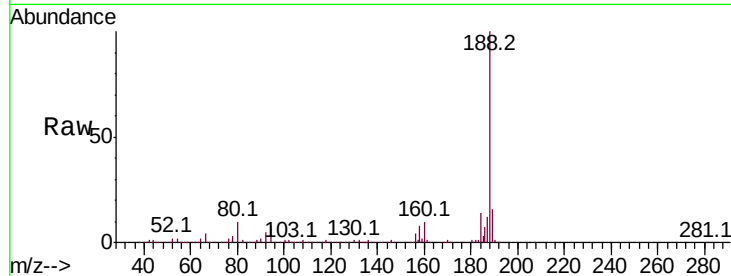




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG036783.D
Acq: 18 Sep 2018 11:15

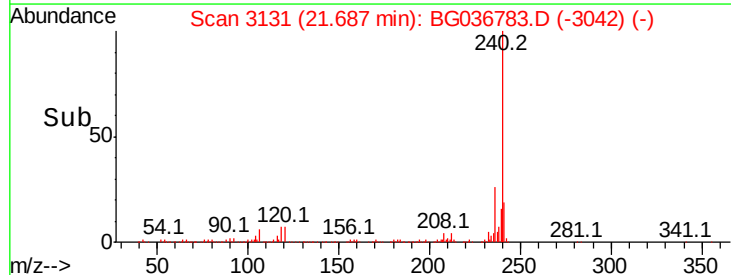
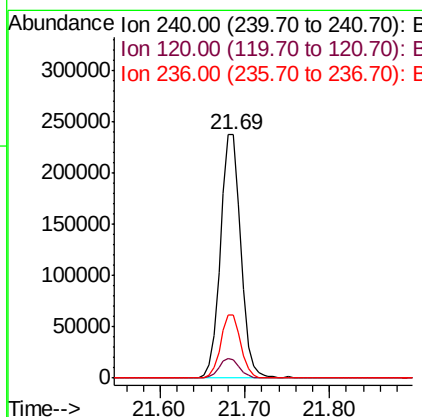
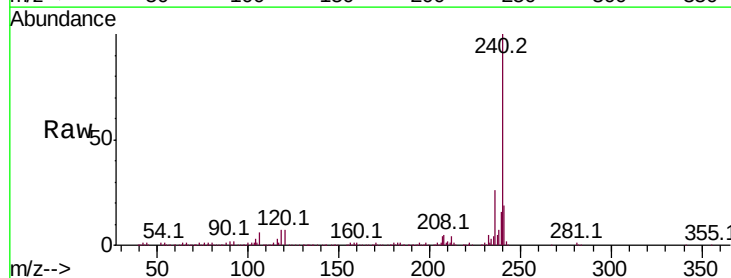
Instrument :
BNA_G
ClientSampleId :
PHASE-2

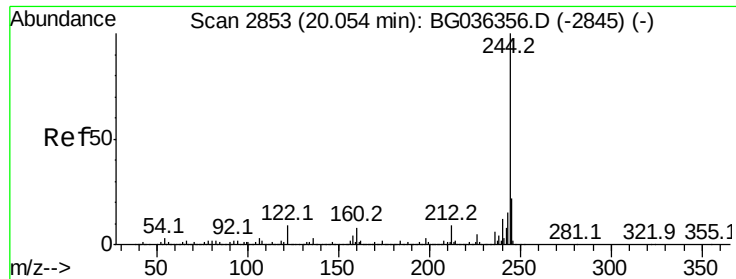
Tot Ion:188 Resp: 389279
Ion Ratio Lower Upper
188 100
94 8.2 6.7 10.1
80 9.8 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036783.D
Acq: 18 Sep 2018 11:15

Tgt Ion:240 Resp: 398906
Ion Ratio Lower Upper
240 100
120 7.3 6.9 10.3
236 26.2 21.2 31.8





#78

Terphenyl-d14

Concen: 81.546 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036783.D

Acq: 18 Sep 2018 11:15

Instrument :

BNA_G

ClientSampled :

PHASE-2

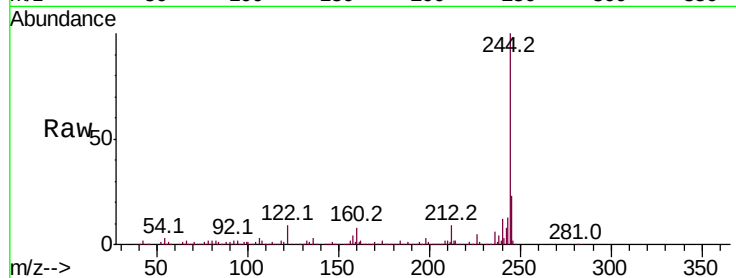
Tot Ion:244 Resp: 1391716

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

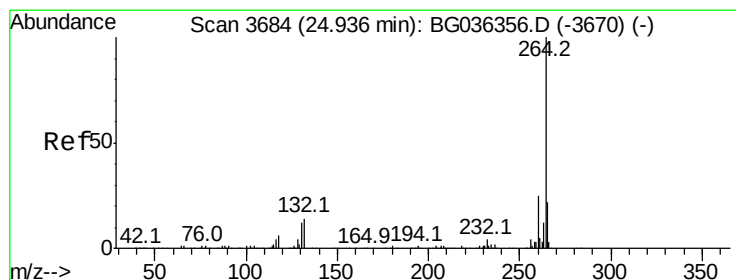
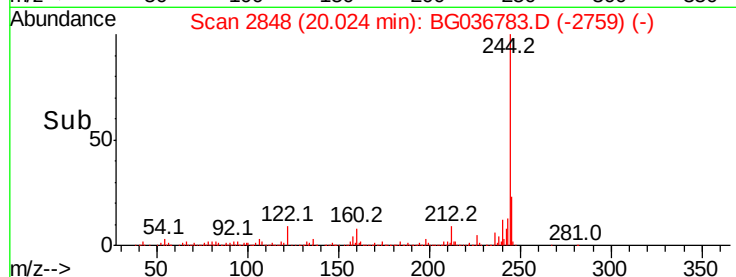
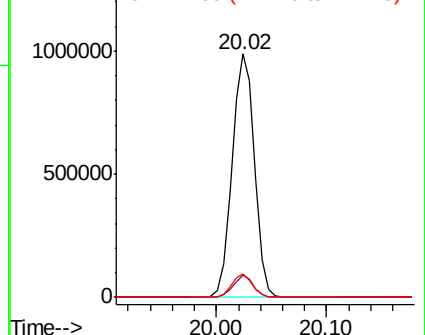
122 9.4 7.1 10.7



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: BG036783.D

Acq: 18 Sep 2018 11:15

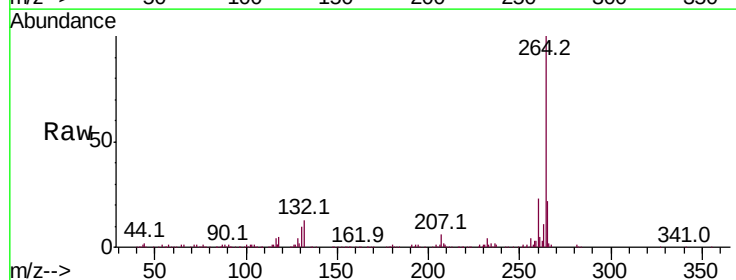
Tgt Ion:264 Resp: 388470

Ion Ratio Lower Upper

264 100

260 23.2 19.6 29.4

265 21.9 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

