

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092418\
 Data File : BG036943.D
 Acq On : 25 Sep 2018 8:07
 Operator : JU/SJ
 Sample : J5059-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PHASE-2

Quant Time: Sep 25 08:50:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	38441	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	162836	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	109607	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	287103	20.00	ng	0.00
75) Chrysene-d12	21.68	240	299532	20.00	ng	-0.01
86) Perylene-d12	24.89	264	287458	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	254511	126.97	ng	0.00
7) Phenol-d6	7.20	99	332926	107.35	ng	-0.01
23) Nitrobenzene-d5	9.20	82	272517	89.62	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	144096	109.88	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	614959	83.56	ng	0.00
78) Terphenyl-d14	20.02	244	1101026	96.66	ng	0.00

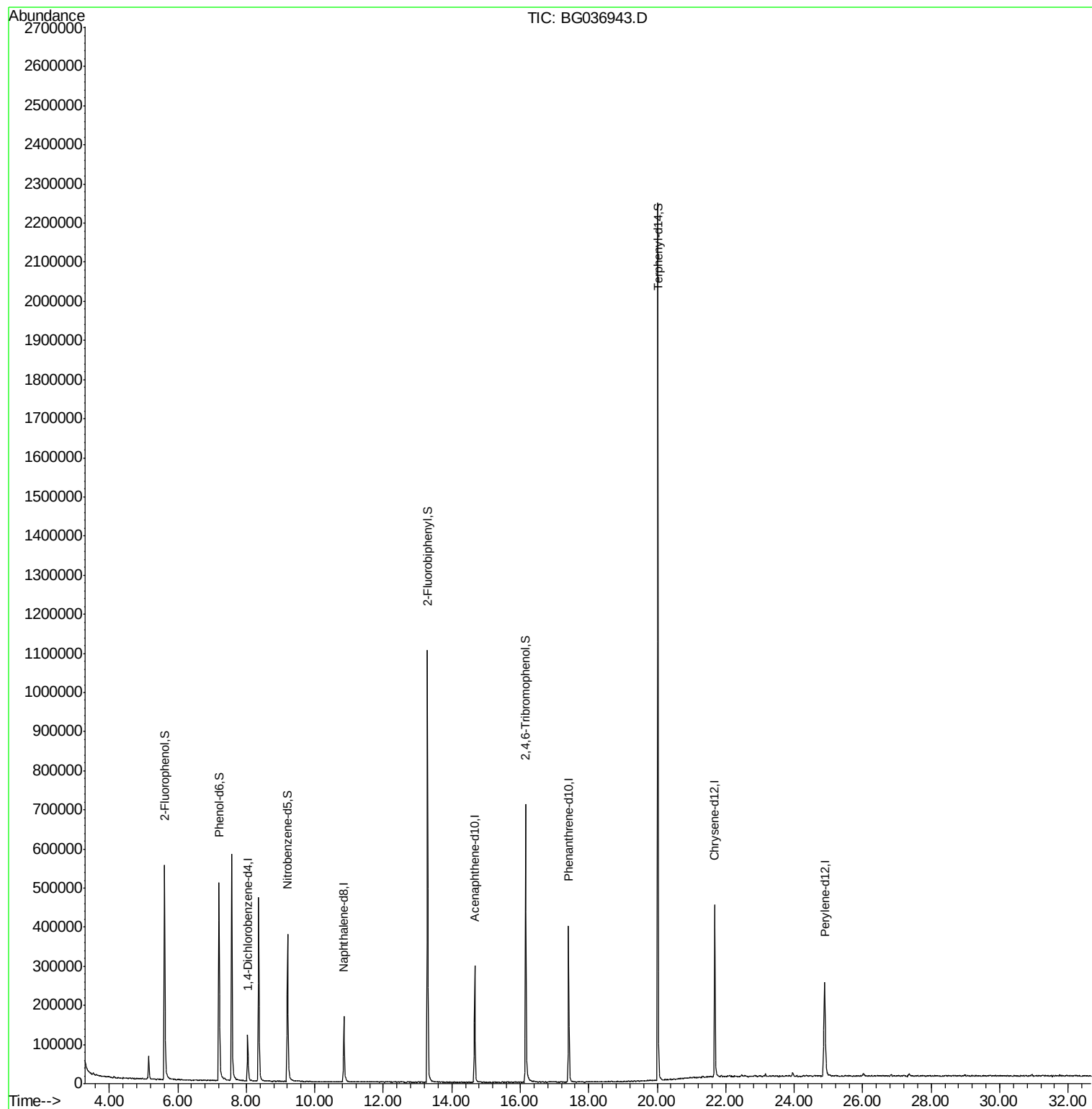
Target Compounds Qvalue

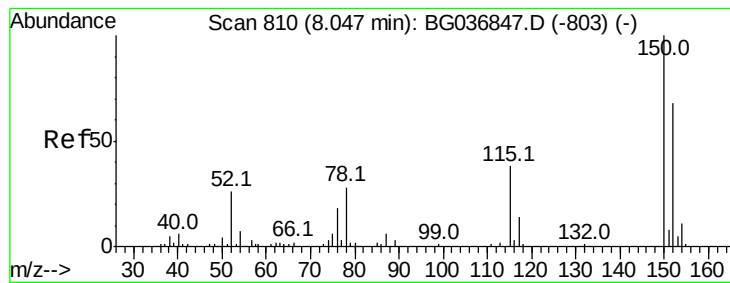
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 810

Delta R.T. 0.00 min

Lab File: BG036943.D

Acq: 25 Sep 2018 8:07

Instrument :

BNA_G

ClientSampleId :

PHASE-2

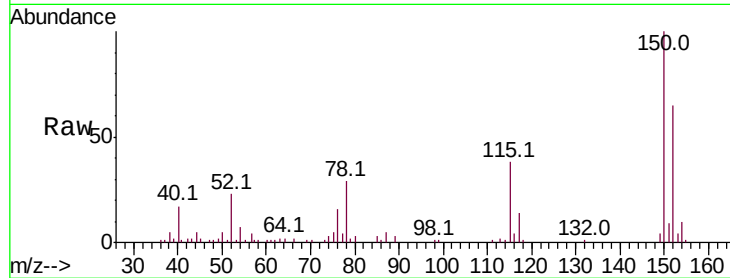
Tot Ion:152 Resp: 38441

Ion Ratio Lower Upper

152 100

150 153.0 119.5 179.3

115 58.4 44.5 66.7

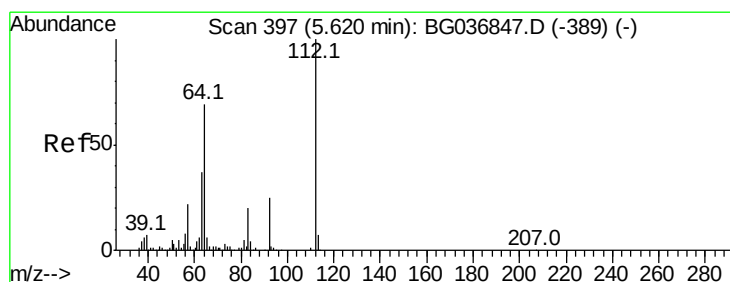
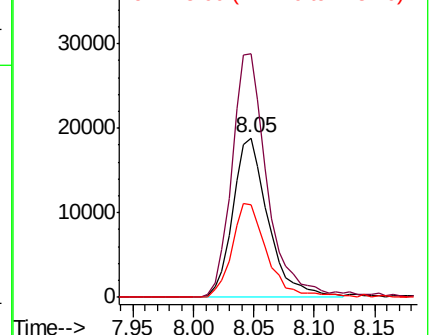
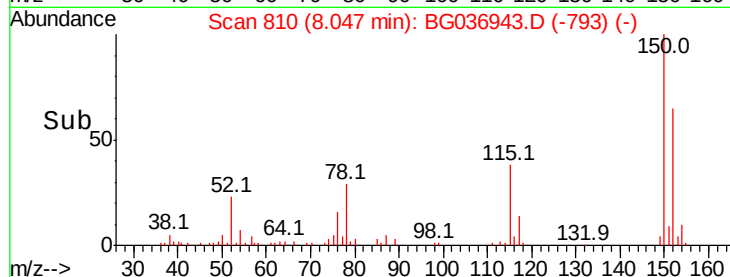


Abundance

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: 126.973 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BG036943.D

Acq: 25 Sep 2018 8:07

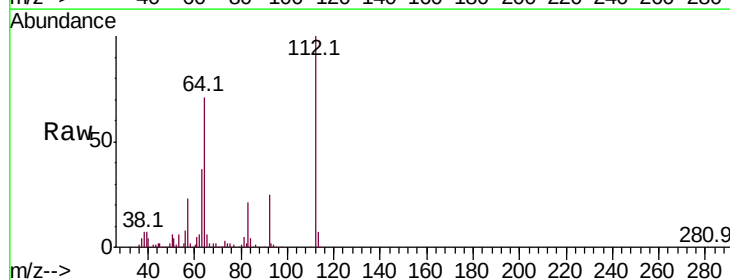
Tgt Ion:112 Resp: 254511

Ion Ratio Lower Upper

112 100

64 70.8 57.2 85.8

63 37.3 30.8 46.2

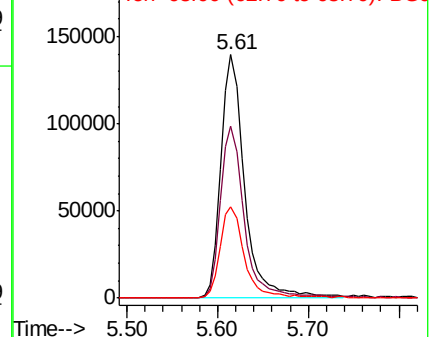
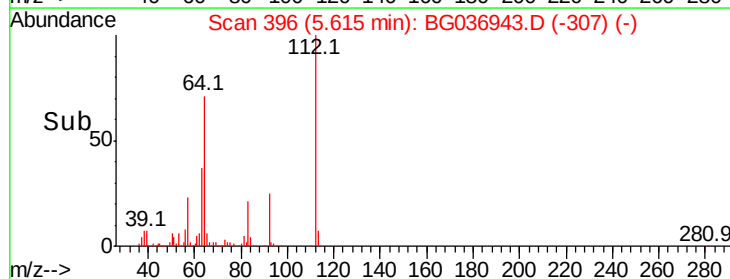


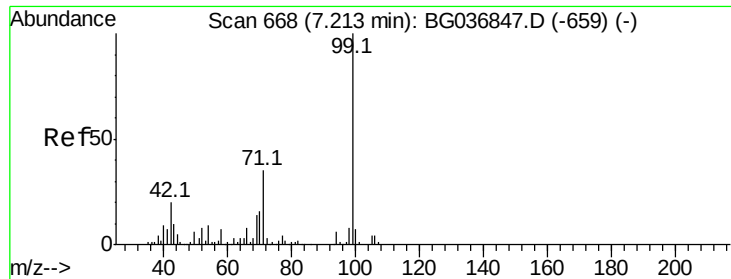
Abundance

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: 107.353 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036943.D

Acq: 25 Sep 2018 8:07

Instrument :

BNA_G

ClientSampleId :

PHASE-2

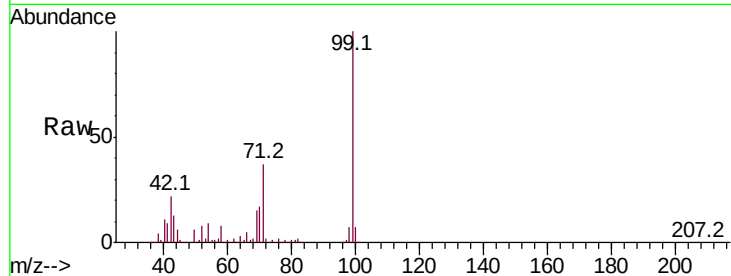
Tot Ion: 99 Resp: 332926

Ion Ratio Lower Upper

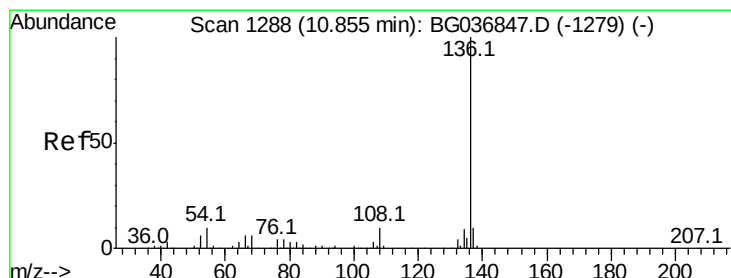
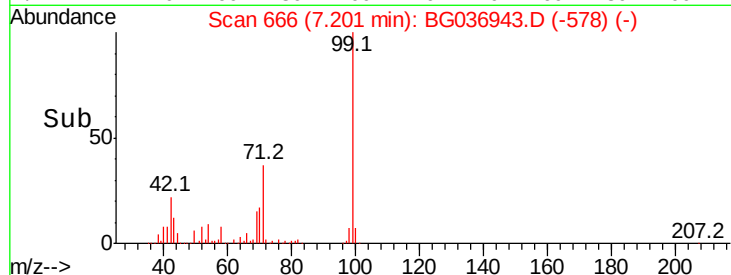
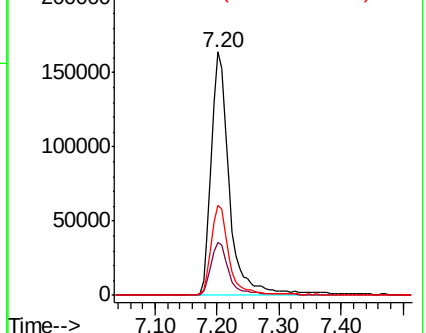
99 100

42 22.0 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# 1287

Delta R.T. -0.01 min

Lab File: BG036943.D

Acq: 25 Sep 2018 8:07

Tgt Ion: 136 Resp: 162836

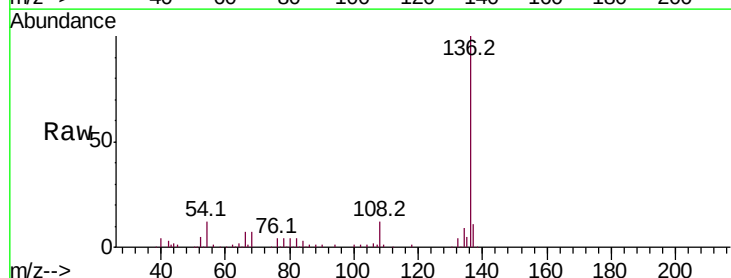
Ion Ratio Lower Upper

136 100

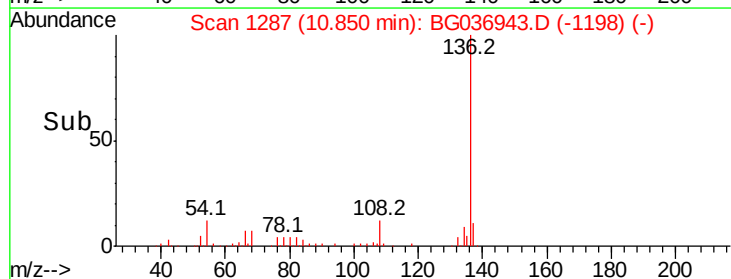
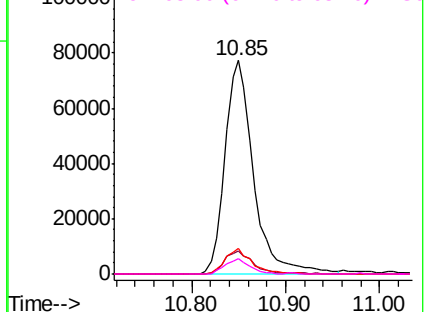
137 10.6 8.8 13.2

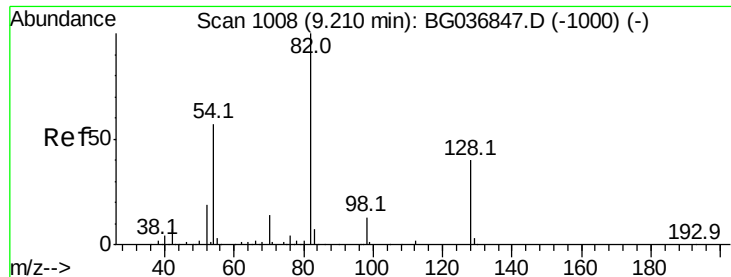
54 12.0 9.2 13.8

68 7.3 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

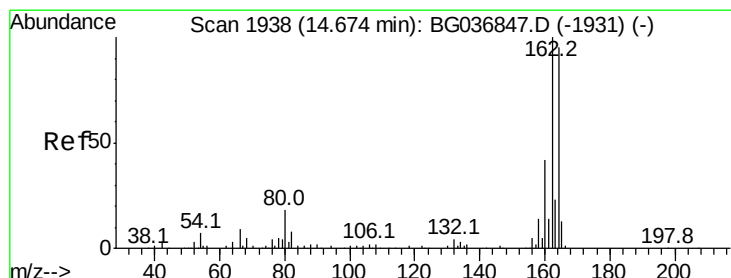
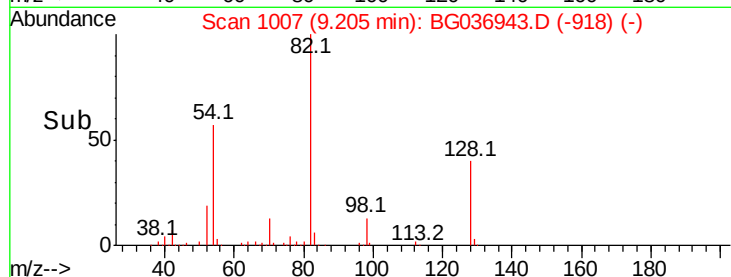
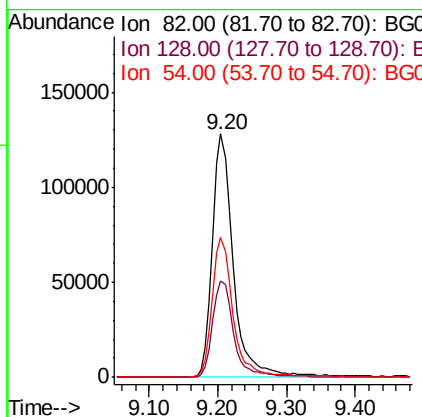
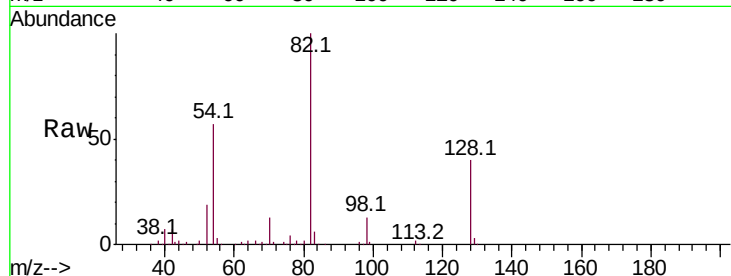




#23
 Nitrobenzene-d5
 Concen: 89.621 ng
 RT: 9.20 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BG036943.D
 Acq: 25 Sep 2018 8:07

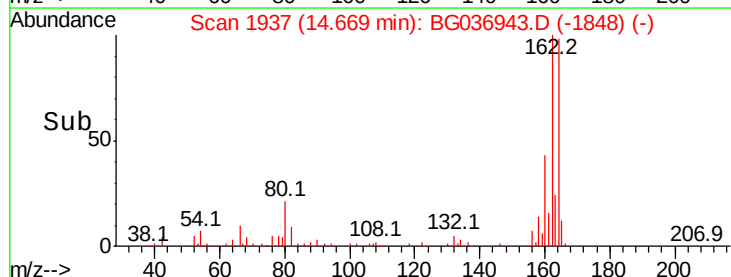
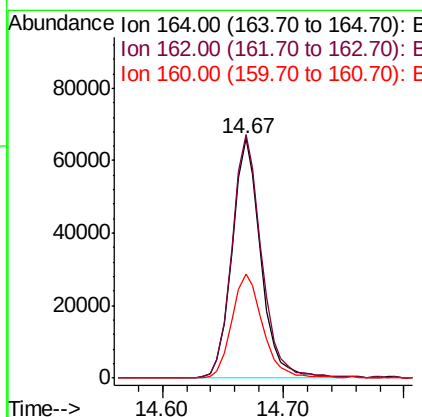
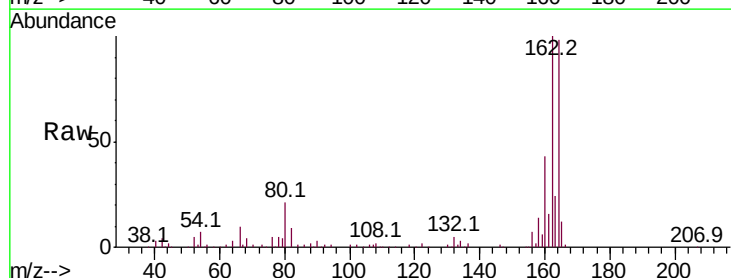
Instrument :
 BNA_G
 ClientSampleId :
 PHASE-2

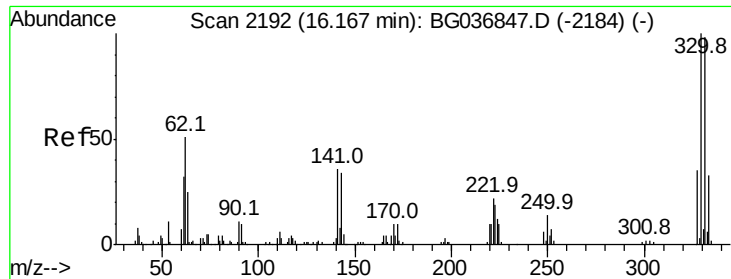
Tot Ion	82	Resp	272517
Ion	Ratio	Lower	Upper
82	100		
128	39.7	33.3	49.9
54	57.4	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.01 min
 Lab File: BG036943.D
 Acq: 25 Sep 2018 8:07

Tgt Ion	164	Resp	109607
Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.7	121.1
160	43.6	35.3	52.9





#41

2,4,6-Tribromophenol

Concen: 109.881 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036943.D

Acq: 25 Sep 2018 8:07

Instrument :

BNA_G

ClientSampled :

PHASE-2

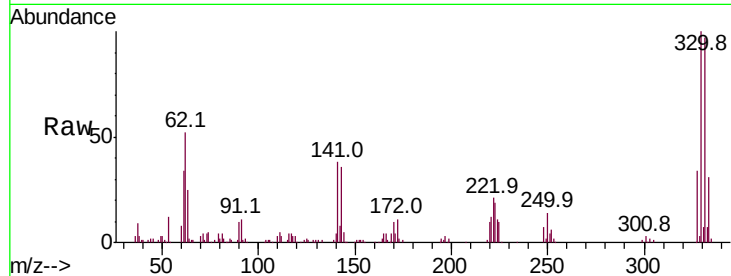
Tot Ion:330 Resp: 144096

Ion Ratio Lower Upper

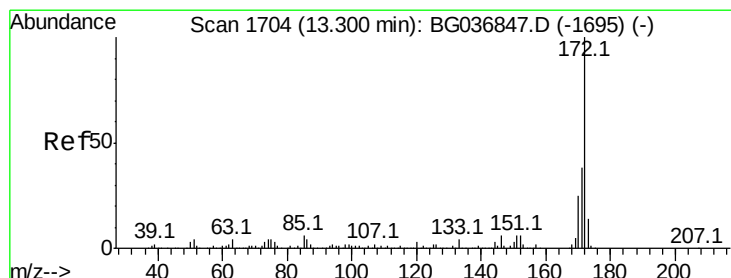
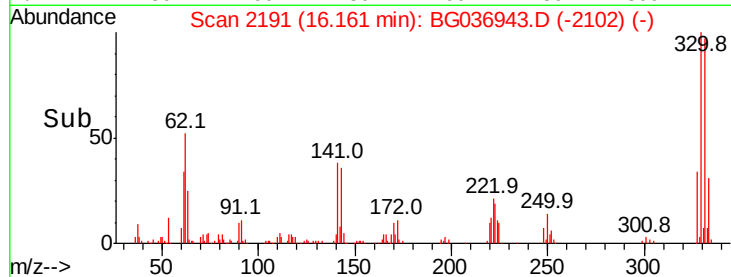
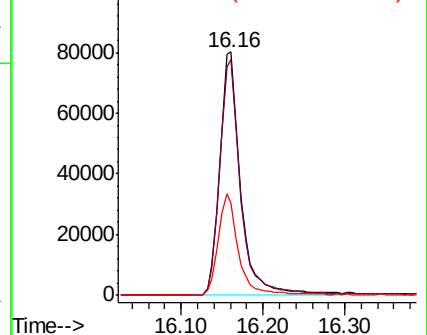
330 100

332 96.9 75.4 113.2

141 39.6 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: 83.563 ng

RT: 13.29 min Scan# 1703

Delta R.T. -0.01 min

Lab File: BG036943.D

Acq: 25 Sep 2018 8:07

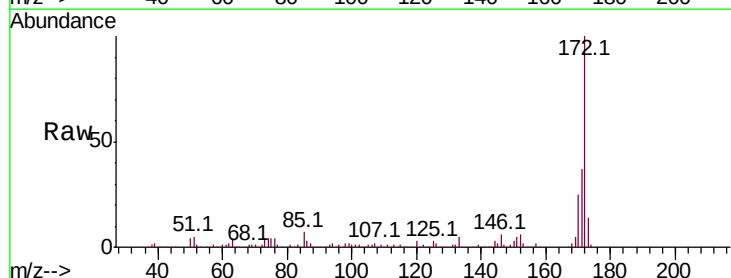
Tgt Ion:172 Resp: 614959

Ion Ratio Lower Upper

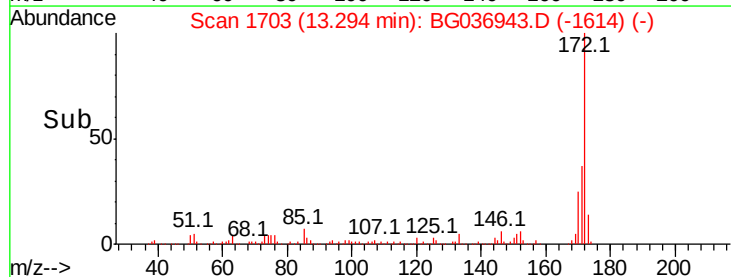
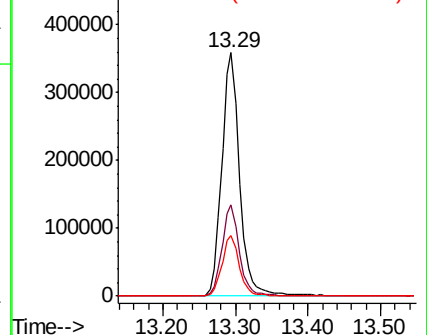
172 100

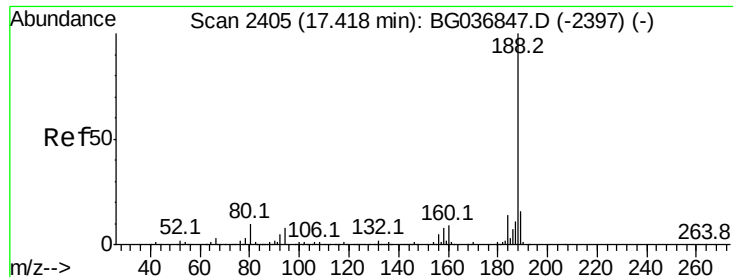
171 37.3 31.3 46.9

170 24.8 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: BG036943.D

Acq: 25 Sep 2018 8:07

Instrument :

BNA_G

ClientSampleId :

PHASE-2

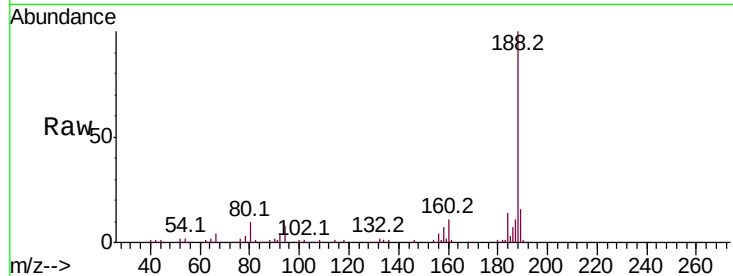
Tot Ion:188 Resp: 287103

Ion Ratio Lower Upper

188 100

94 7.6 6.7 10.1

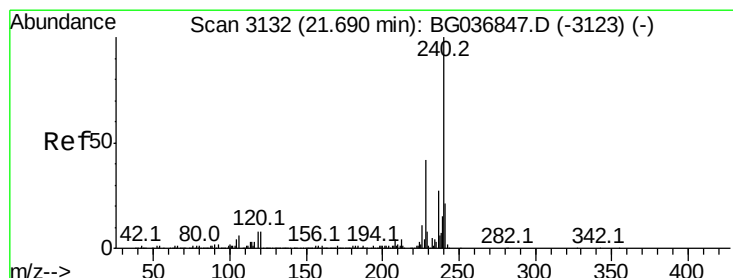
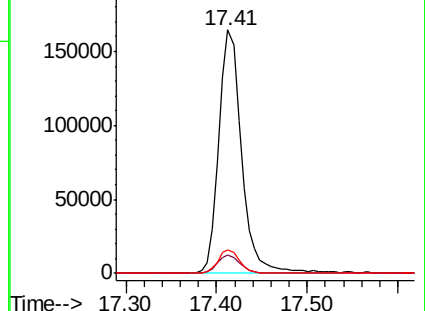
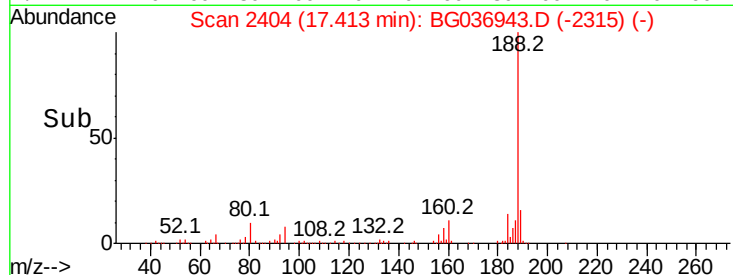
80 9.7 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG036943.D

Acq: 25 Sep 2018 8:07

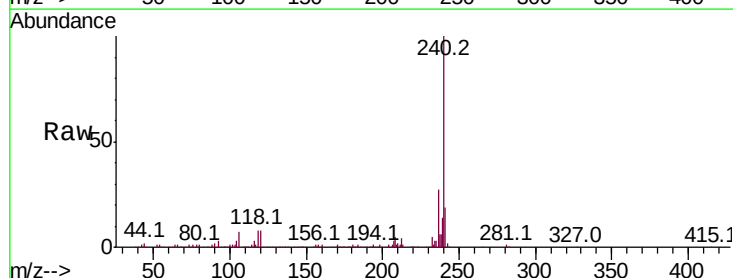
Tgt Ion:240 Resp: 299532

Ion Ratio Lower Upper

240 100

120 8.2 6.9 10.3

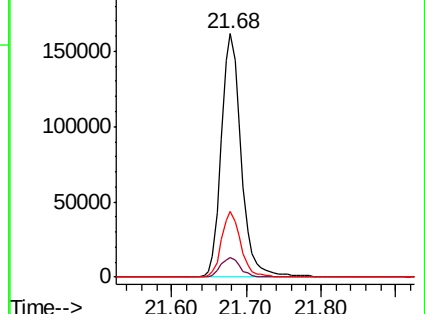
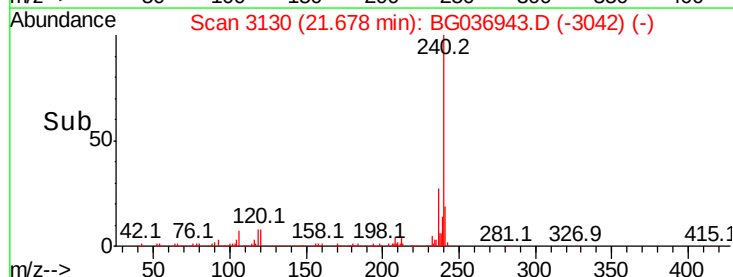
236 27.2 21.2 31.8

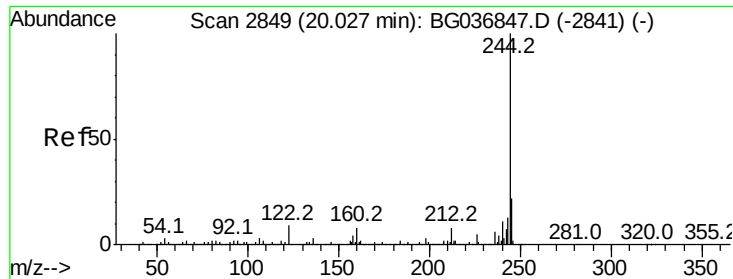


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



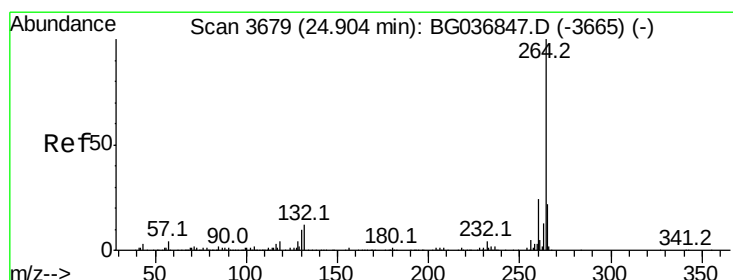
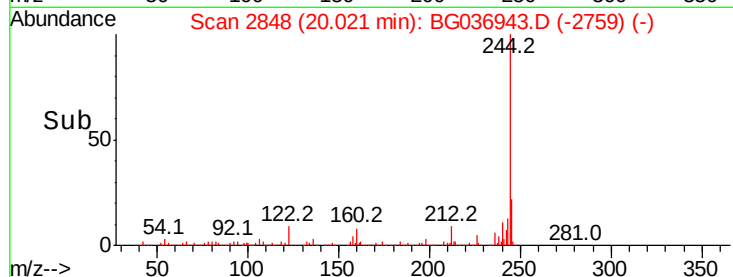
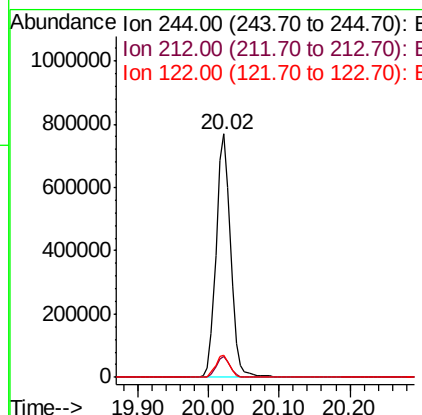
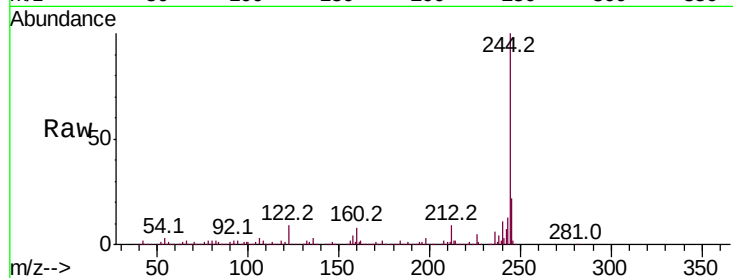


#78
 Terphenyl-d14
 Concen: 96.655 ng
 RT: 20.02 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BG036943.D
 Acq: 25 Sep 2018 8:07

Instrument :
 BNA_G
 ClientSampleId :
 PHASE-2

Tot Ion:244 Resp: 1101026

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.6
122	9.1	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3676
 Delta R.T. -0.02 min
 Lab File: BG036943.D
 Acq: 25 Sep 2018 8:07

Tgt Ion:264 Resp: 287458

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.6	29.4
265	22.8	17.4	26.0

