

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062118\
 Data File : BG035298.D
 Acq On : 21 Jun 2018 14:05
 Operator : JU/SJ
 Sample : J3575-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-10

Quant Time: Jun 21 15:05:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	53665	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	188222	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	128686	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	353899	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	394108	20.00	ng	-0.03
86) Perylene-d12	24.91	264	373133	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	340960	107.22	ng	0.00
7) Phenol-d6	7.22	99	450114	95.90	ng	0.00
23) Nitrobenzene-d5	9.21	82	335719	84.78	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	234310	142.23	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	745367	75.30	ng	-0.02
78) Terphenyl-d14	20.03	244	1476349	78.47	ng	-0.02

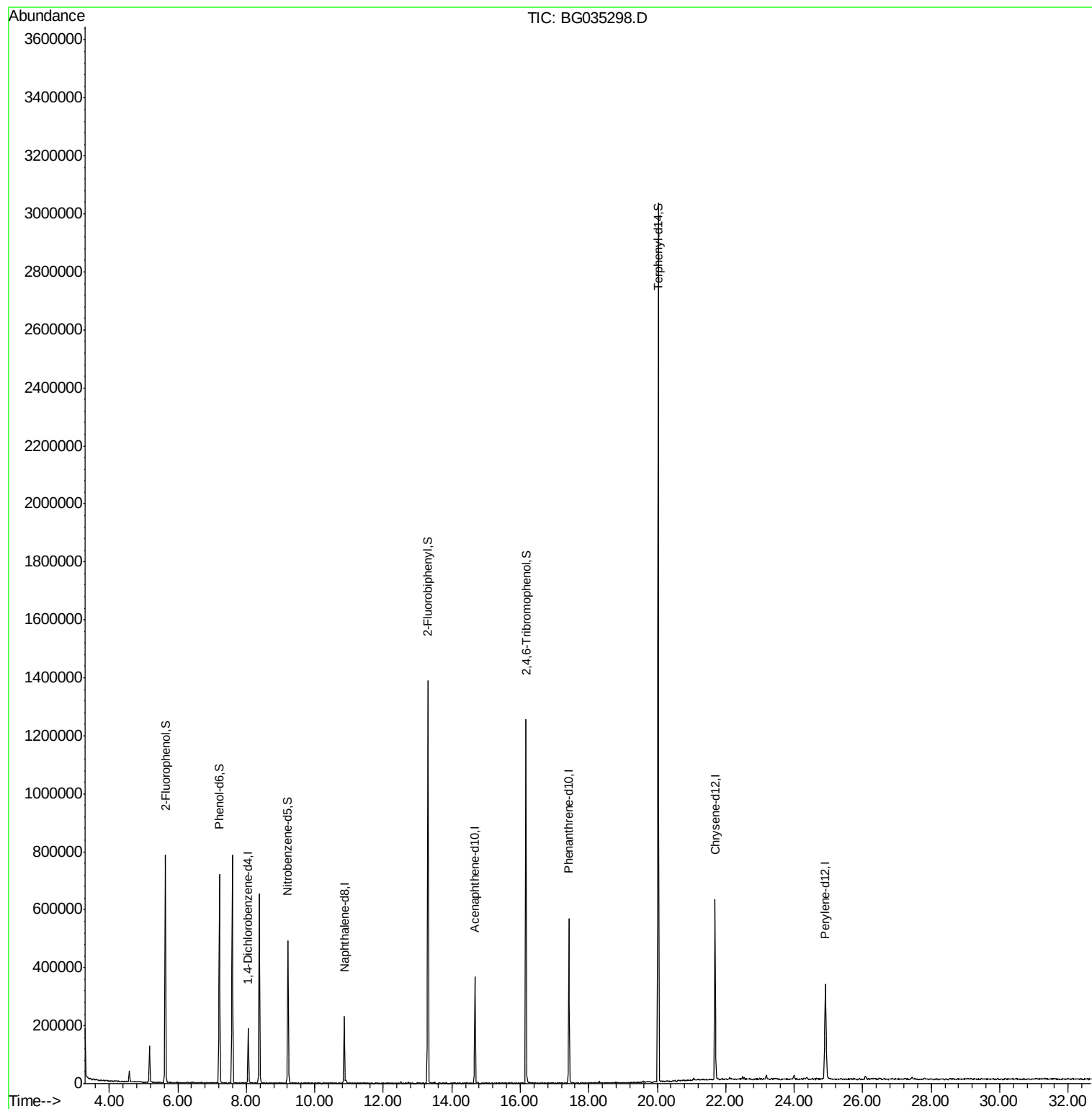
Target Compounds Qvalue

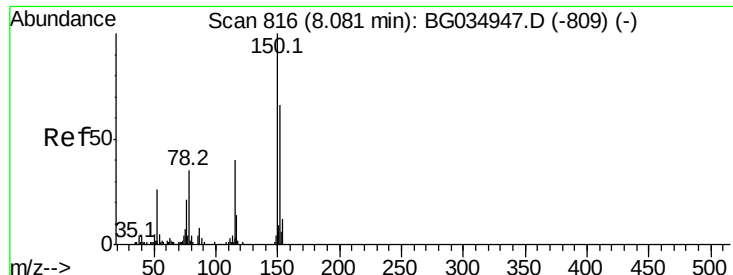
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 812

Delta R.T. -0.02 min

Lab File: BG035298.D

Acq: 21 Jun 2018 14:05

Instrument :

BNA_G

ClientSampleId :

TP-10

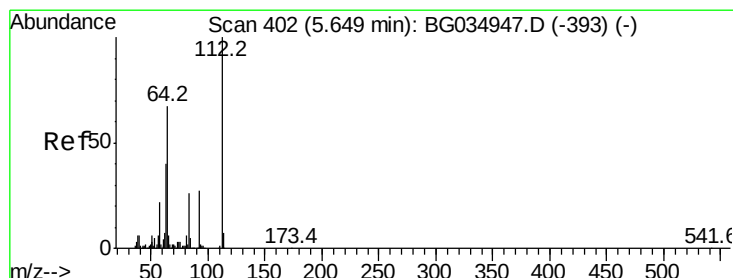
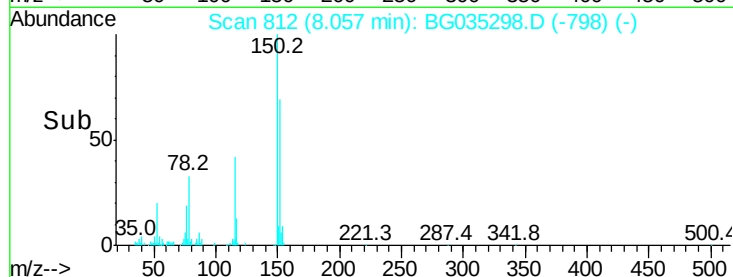
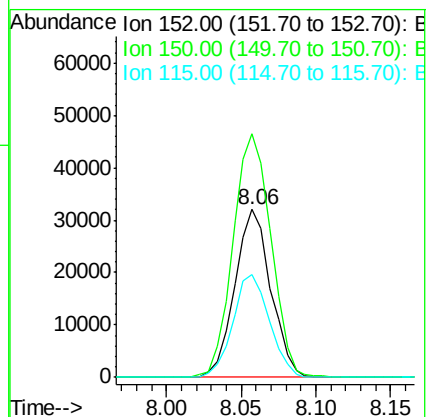
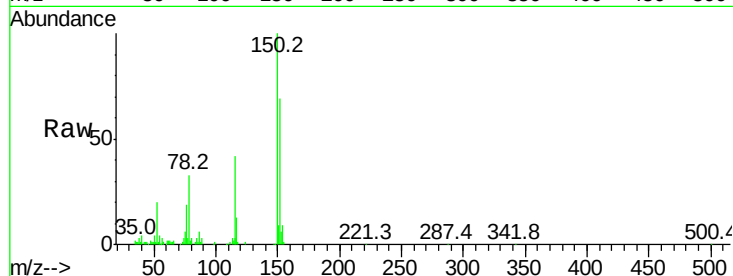
Tot Ion:152 Resp: 53665

Ion Ratio Lower Upper

152 100

150 145.2 126.6 189.8

115 61.6 53.0 79.4



#5

2-Fluorophenol

Concen: 107.222 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG035298.D

Acq: 21 Jun 2018 14:05

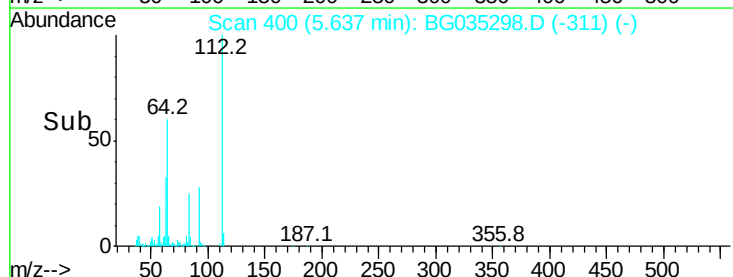
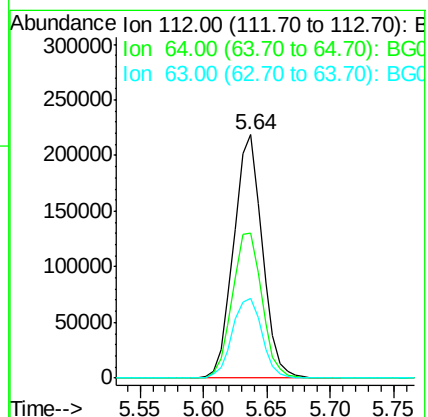
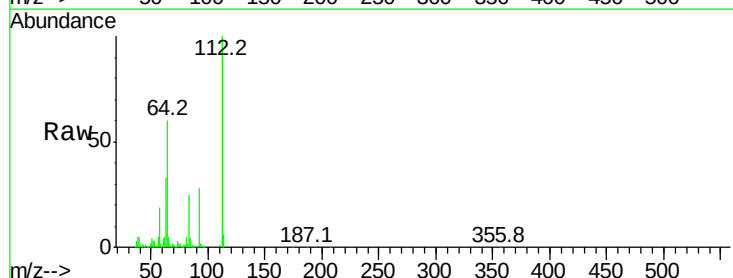
Tgt Ion:112 Resp: 340960

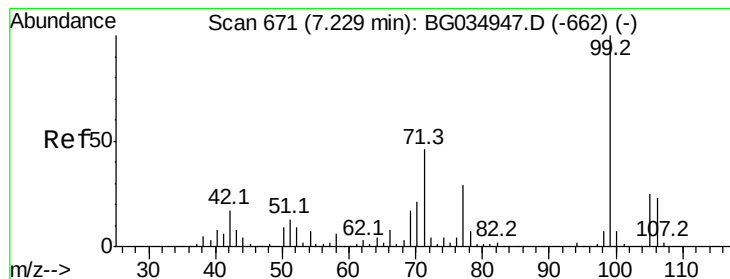
Ion Ratio Lower Upper

112 100

64 59.6 56.3 84.5

63 32.9 30.1 45.1





#7

Phenol-d6

Concen: 95.903 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035298.D

Acq: 21 Jun 2018 14:05

Instrument :

BNA_G

ClientSampleId :

TP-10

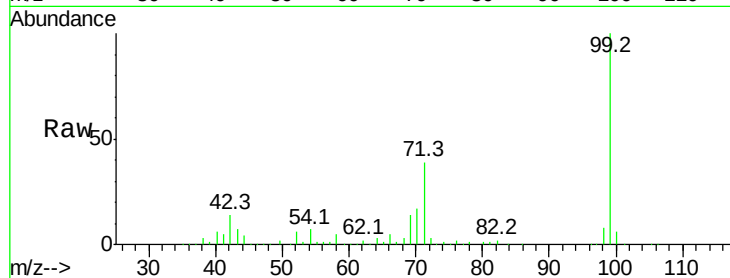
Tot Ion: 99 Resp: 450114

Ion Ratio Lower Upper

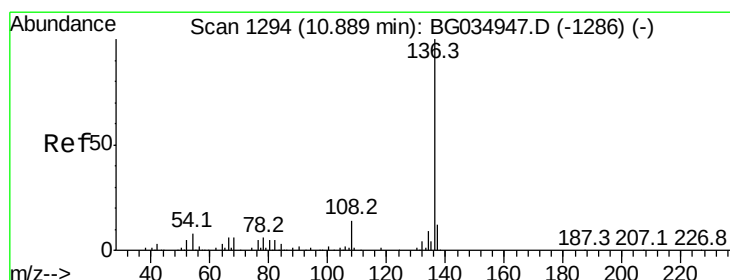
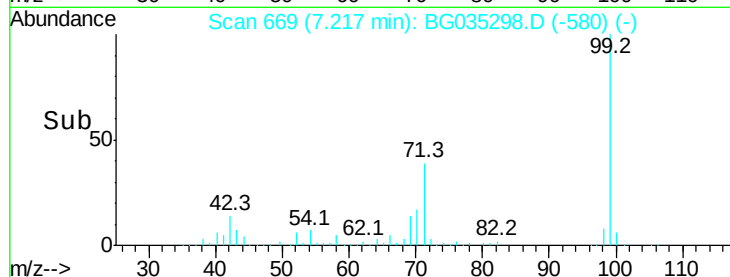
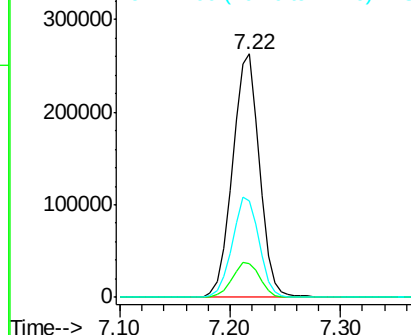
99 100

42 13.7 14.1 21.1#

71 39.4 26.1 39.1#



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: 10.86 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BG035298.D

Acq: 21 Jun 2018 14:05

Tgt Ion: 136 Resp: 188222

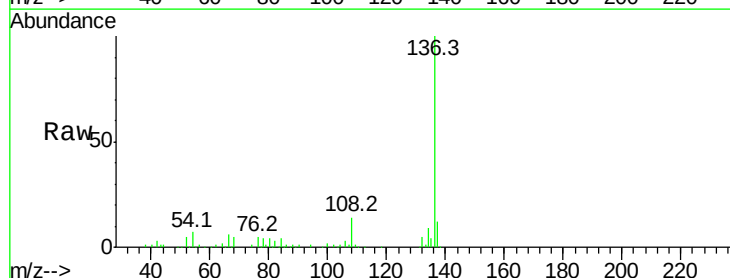
Ion Ratio Lower Upper

136 100

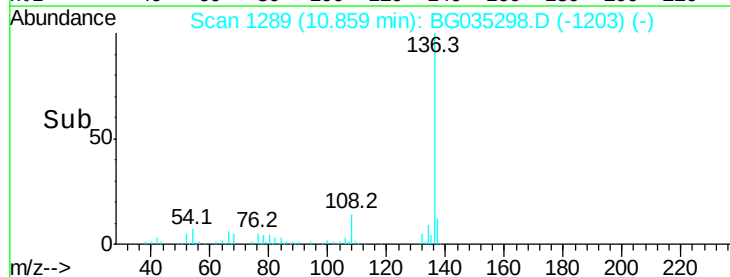
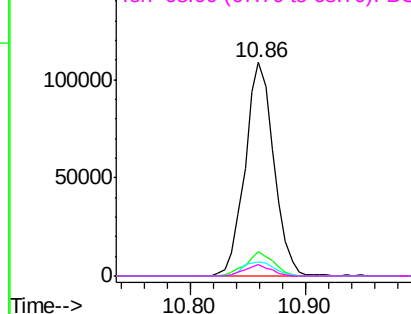
137 11.6 9.2 13.8

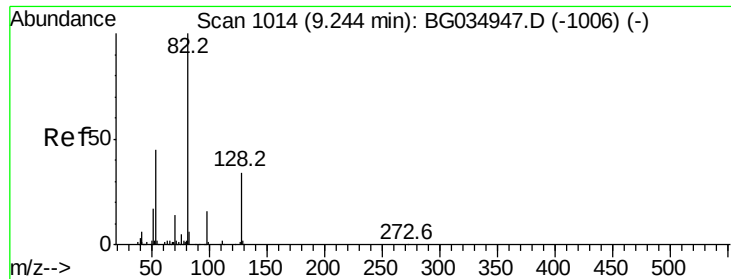
54 6.6 10.3 15.5#

68 5.4 4.5 6.7



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

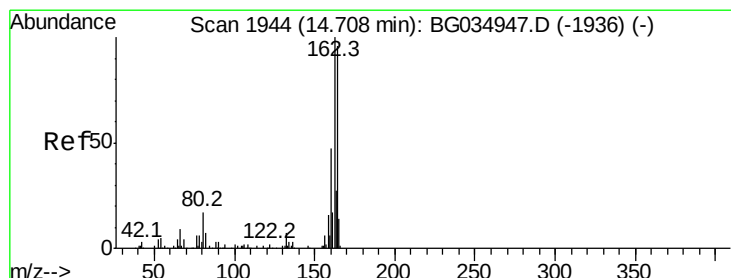
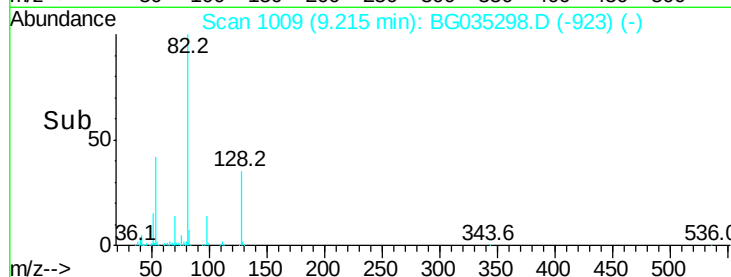
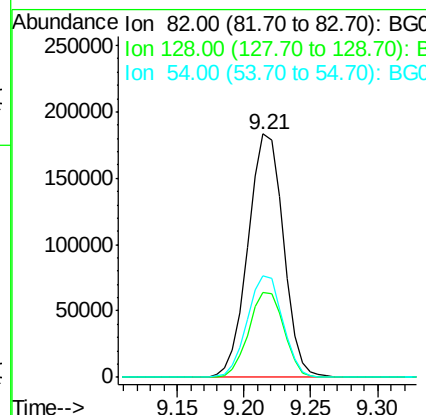
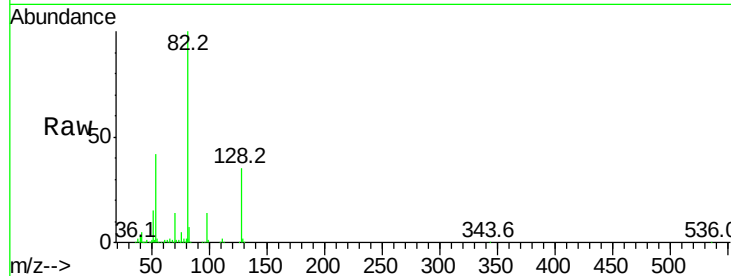




#23
 Nitrobenzene-d5
 Concen: 84.784 ng
 RT: 9.21 min Scan# 1009
 Delta R.T. -0.02 min
 Lab File: BG035298.D
 Acq: 21 Jun 2018 14:05

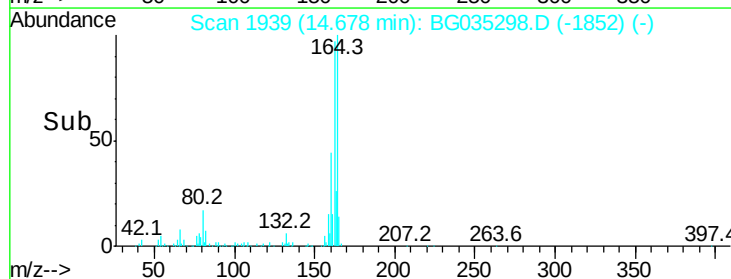
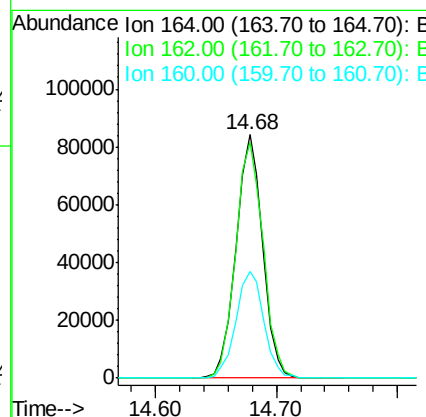
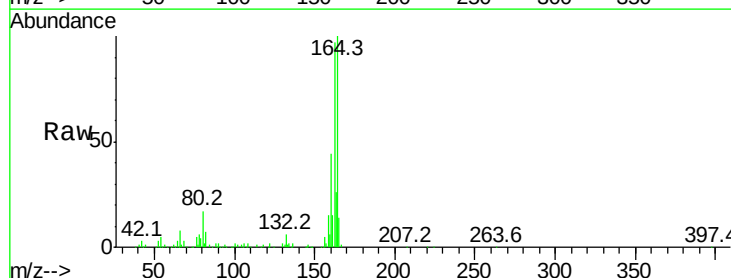
Instrument :
 BNA_G
 ClientSampleId :
 TP-10

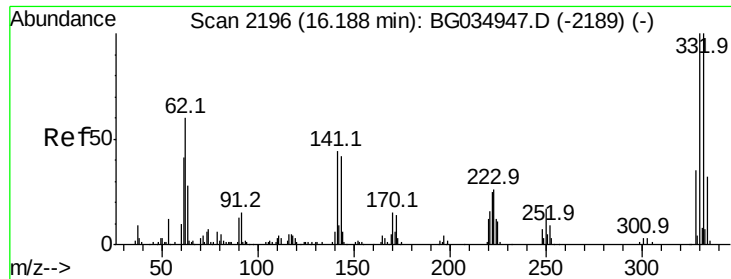
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.8	29.7	44.5
54	41.7	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.02 min
 Lab File: BG035298.D
 Acq: 21 Jun 2018 14:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.8	78.8	118.2
160	44.1	35.4	53.0

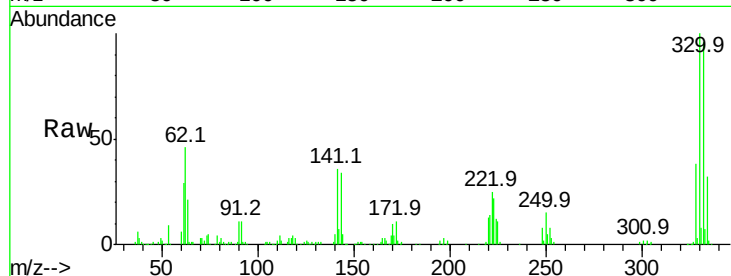




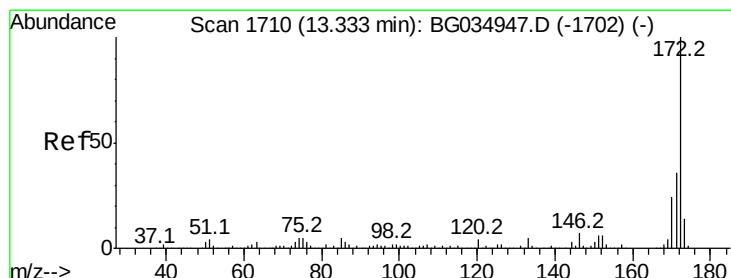
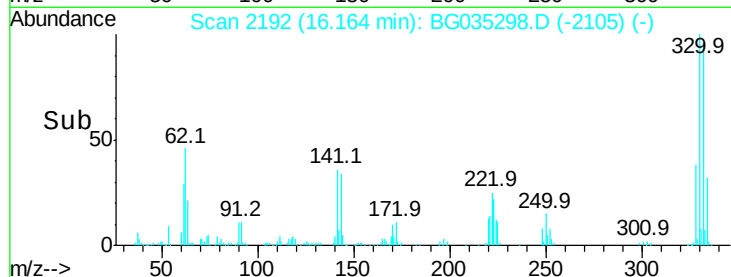
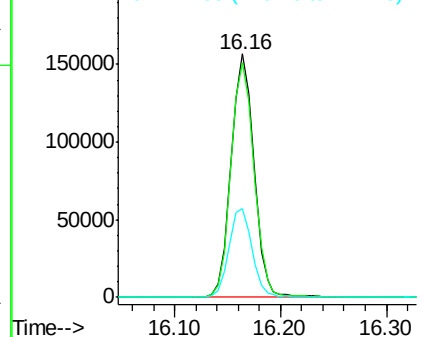
#41
 2,4,6-Tribromophenol
 Concen: 142.235 ng
 RT: 16.16 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BG035298.D
 Acq: 21 Jun 2018 14:05

Instrument :
 BNA_G
 ClientSampled :
 TP-10

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	36.9	25.2	37.8

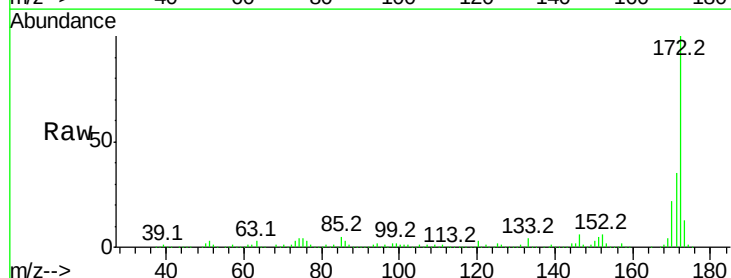


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

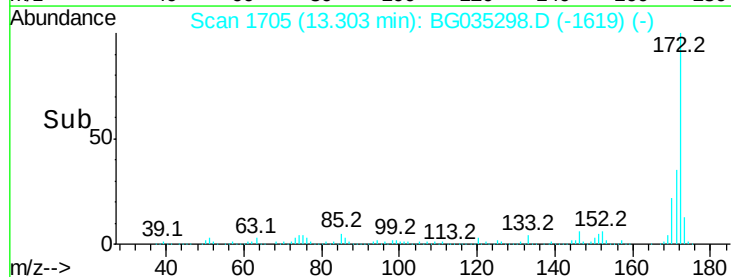
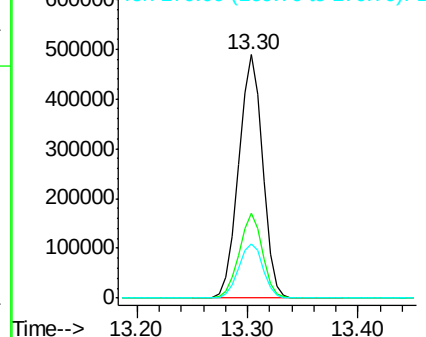


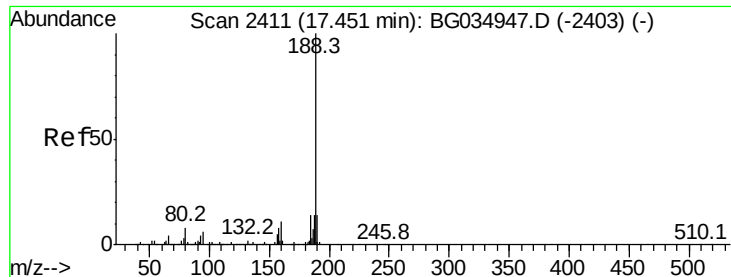
#44
 2-Fluorobiphenyl
 Concen: 75.298 ng
 RT: 13.30 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG035298.D
 Acq: 21 Jun 2018 14:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	30.0	45.0
170	22.2	19.5	29.3



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# 2406

Delta R.T. -0.02 min

Lab File: BG035298.D

Acq: 21 Jun 2018 14:05

Instrument :

BNA_G

ClientSampleId :

TP-10

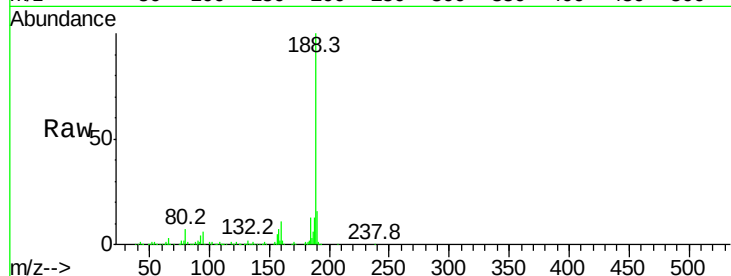
Tot Ion:188 Resp: 353899

Ion Ratio Lower Upper

188 100

94 6.3 6.9 10.3#

80 7.0 7.7 11.5#



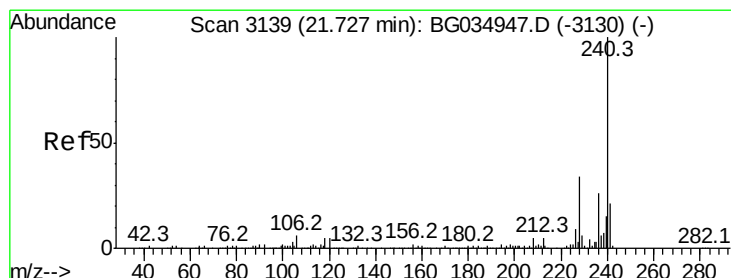
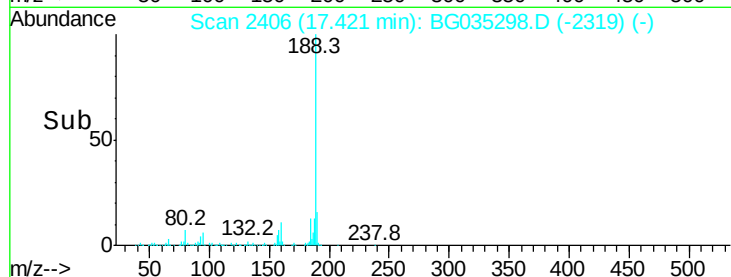
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

17.42

Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3132

Delta R.T. -0.03 min

Lab File: BG035298.D

Acq: 21 Jun 2018 14:05

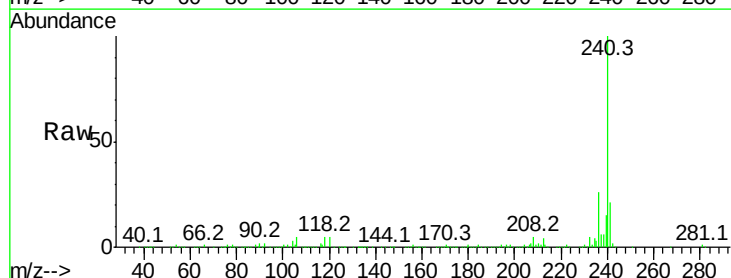
Tgt Ion:240 Resp: 394108

Ion Ratio Lower Upper

240 100

120 5.3 6.8 10.2#

236 25.7 20.9 31.3



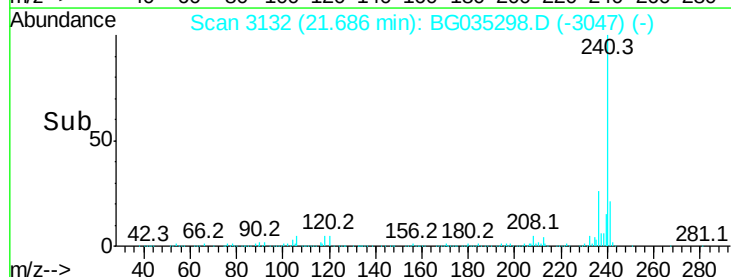
Abundance Ion 240.00 (239.70 to 240.70): E

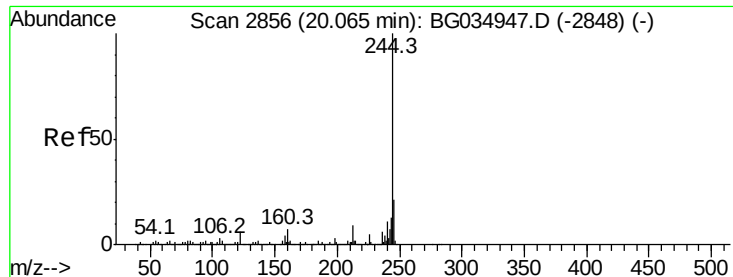
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.69

Time-->





#78

Terphenyl-d14

Concen: 78.468 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035298.D

Acq: 21 Jun 2018 14:05

Instrument :

BNA_G

ClientSampled :

TP-10

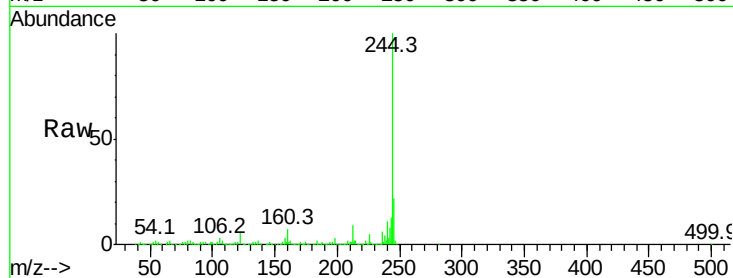
Tot Ion:244 Resp: 1476349

Ion Ratio Lower Upper

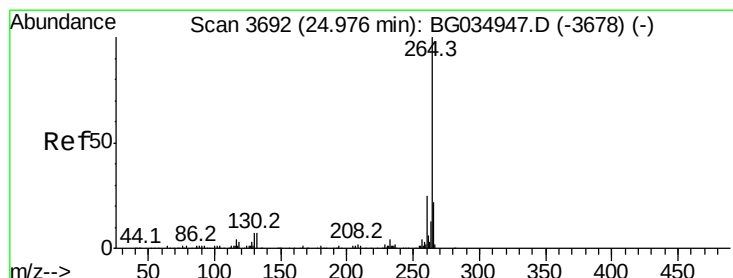
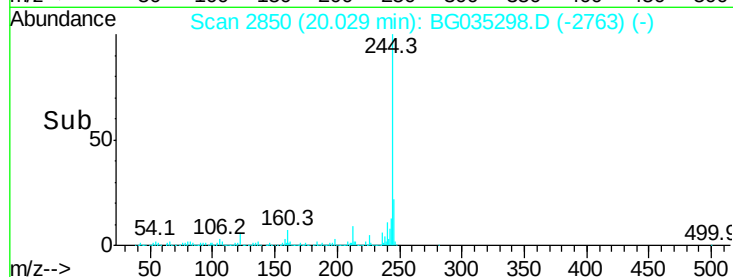
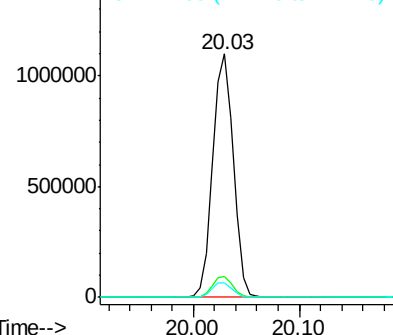
244 100

212 8.8 5.8 8.8#

122 6.2 7.0 10.4#



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: 24.91 min Scan# 3681

Delta R.T. -0.04 min

Lab File: BG035298.D

Acq: 21 Jun 2018 14:05

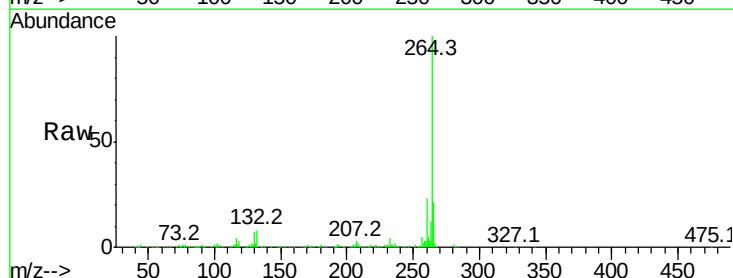
Tgt Ion:264 Resp: 373133

Ion Ratio Lower Upper

264 100

260 23.1 17.4 26.0

265 20.8 17.7 26.5



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

