

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062518\
 Data File : BG035399.D
 Acq On : 26 Jun 2018 5:48
 Operator : JU/SJ
 Sample : J3684-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-S

Quant Time: Jun 26 08:39:12 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

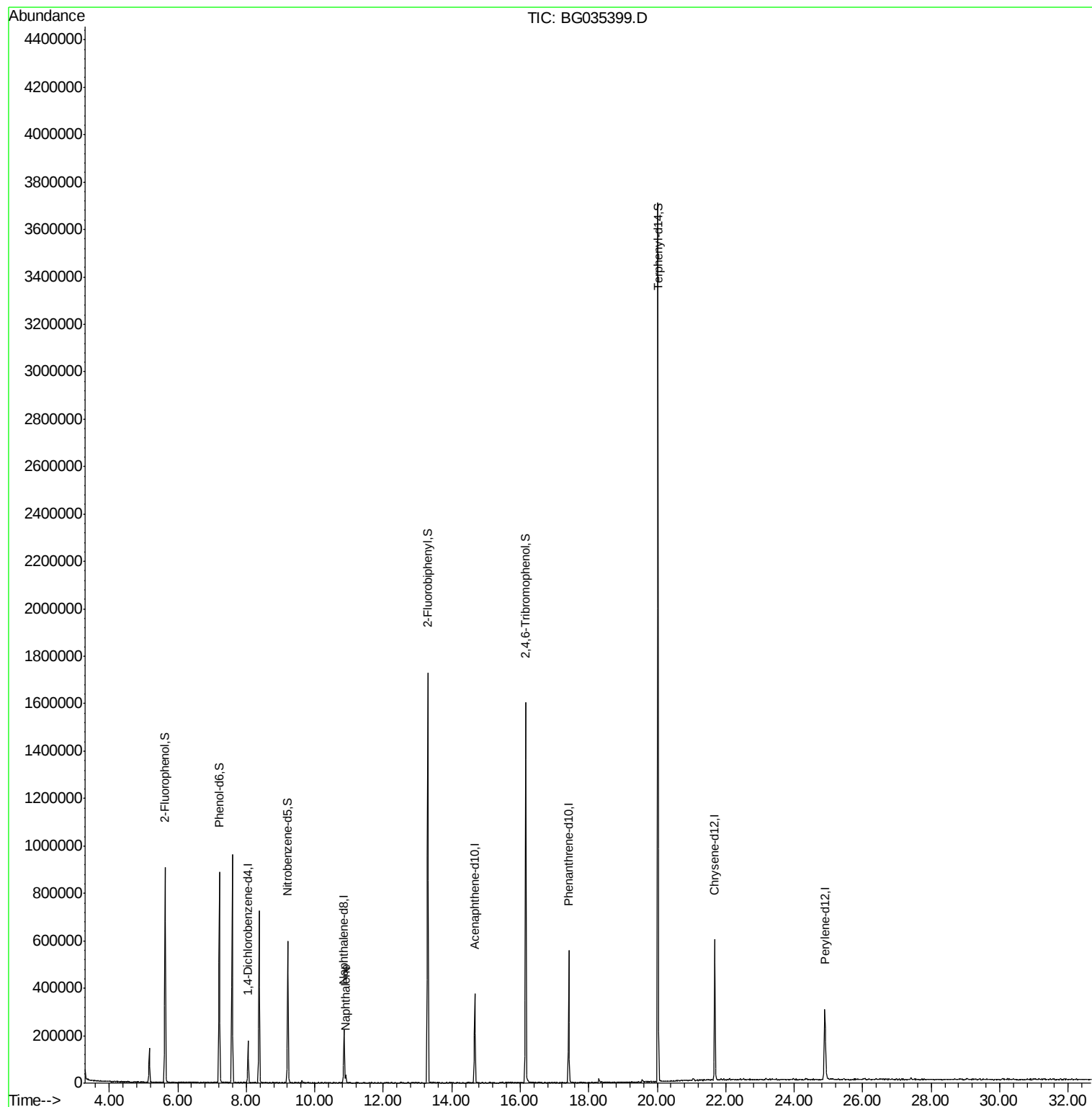
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	49029	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	186637	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	130223	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	355507	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	385760	20.00	ng	-0.04
86) Perylene-d12	24.89	264	358452	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	405202	139.47	ng	-0.01
7) Phenol-d6	7.21	99	531406	123.93	ng	-0.01
23) Nitrobenzene-d5	9.21	82	412403	105.03	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	292900	175.70	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	934034	93.24	ng	-0.03
78) Terphenyl-d14	20.02	244	1759841	95.56	ng	-0.02
Target Compounds						
31) Naphthalene	10.91	128	25888	2.670	ng	Qvalue 96

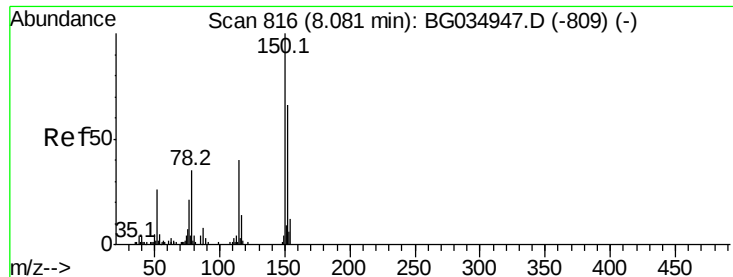
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 811

Delta R.T. -0.02 min

Lab File: BG035399.D

Acq: 26 Jun 2018 5:48

Instrument :

BNA_G

ClientSampleId :

TP-2-S

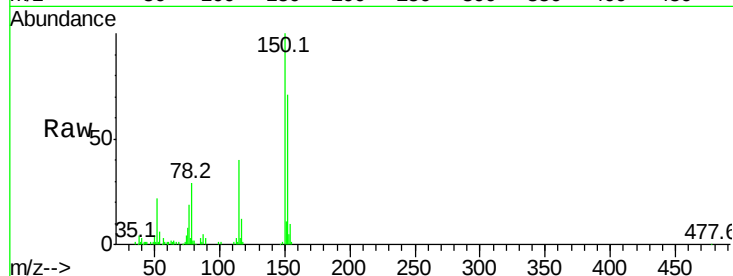
Tot Ion:152 Resp: 49029

Ion Ratio Lower Upper

152 100

150 141.1 126.6 189.8

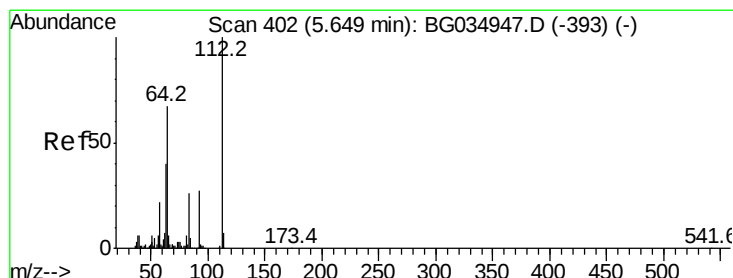
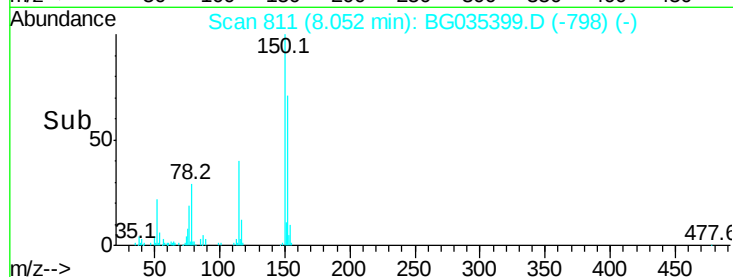
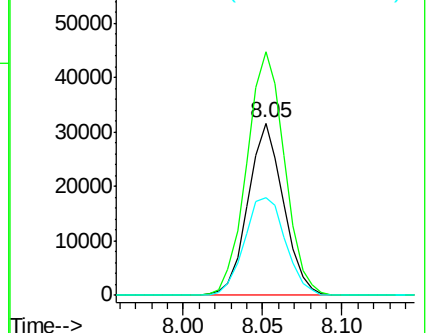
115 56.3 53.0 79.4



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: 139.473 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.01 min

Lab File: BG035399.D

Acq: 26 Jun 2018 5:48

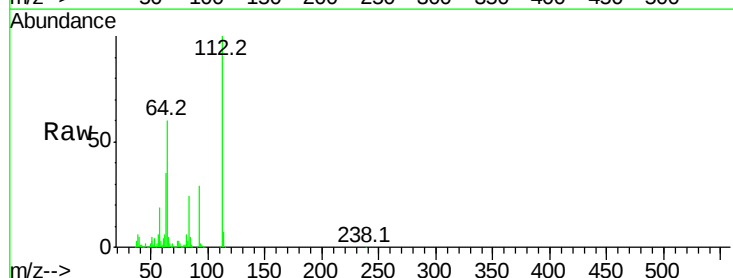
Tgt Ion:112 Resp: 405202

Ion Ratio Lower Upper

112 100

64 60.4 56.3 84.5

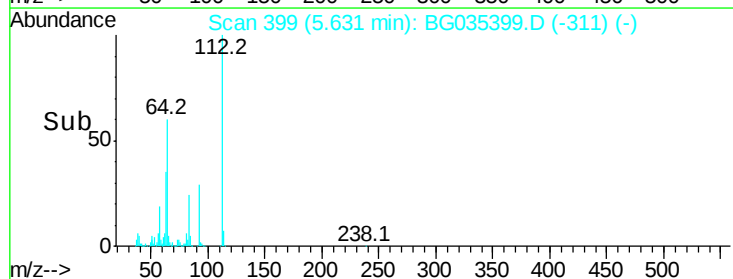
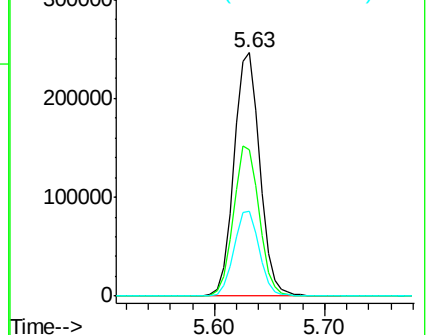
63 34.6 30.1 45.1

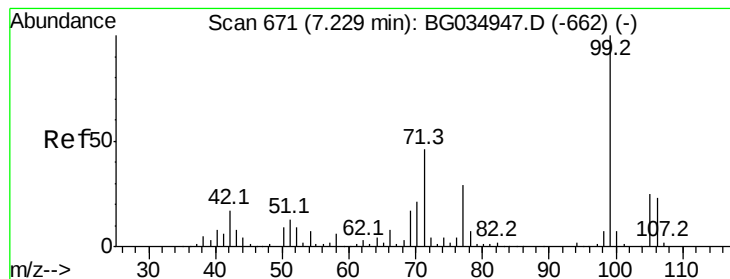


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 123.930 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035399.D

Acq: 26 Jun 2018 5:48

Instrument :

BNA_G

ClientSampleId :

TP-2-S

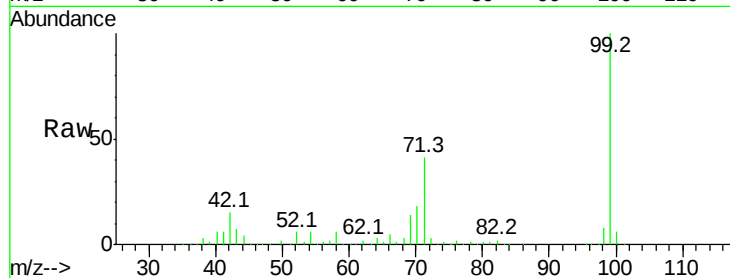
Tot Ion: 99 Resp: 531406

Ion Ratio Lower Upper

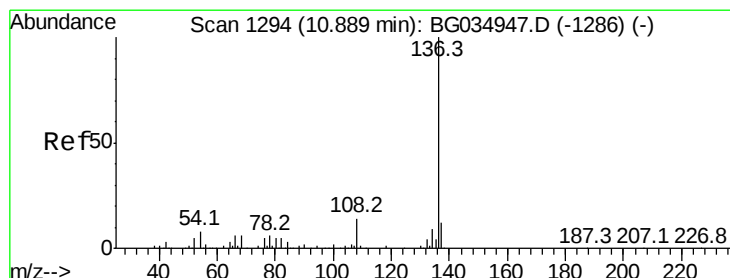
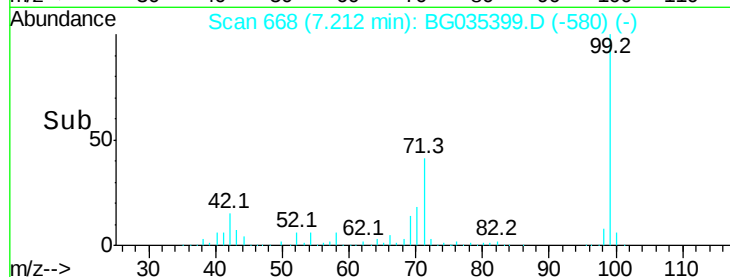
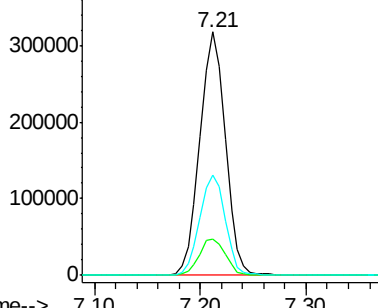
99 100

42 14.8 14.1 21.1

71 41.4 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: 10.85 min Scan# 1288

Delta R.T. -0.03 min

Lab File: BG035399.D

Acq: 26 Jun 2018 5:48

Tgt Ion: 136 Resp: 186637

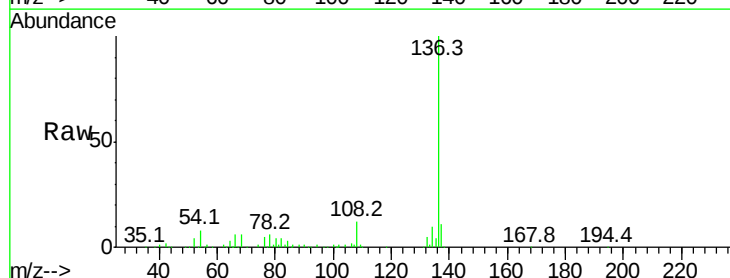
Ion Ratio Lower Upper

136 100

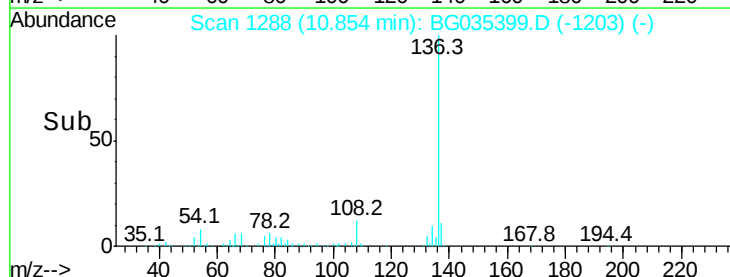
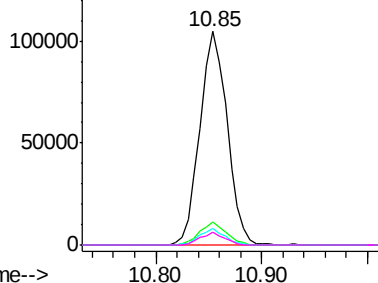
137 10.9 9.2 13.8

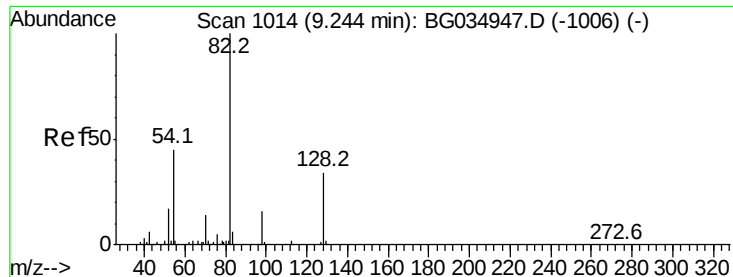
54 7.8 10.3 15.5#

68 5.7 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: 105.034 ng

RT: 9.21 min Scan# 1008

Delta R.T. -0.03 min

Lab File: BG035399.D

Acq: 26 Jun 2018 5:48

Instrument :

BNA_G

ClientSampleId :

TP-2-S

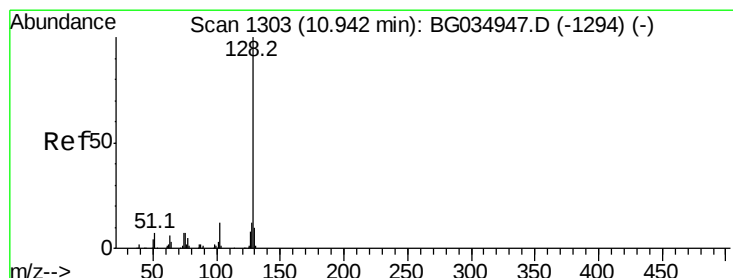
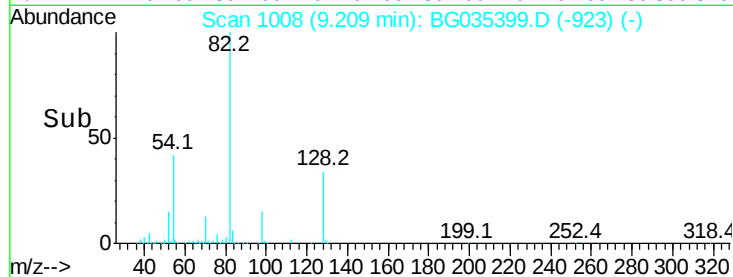
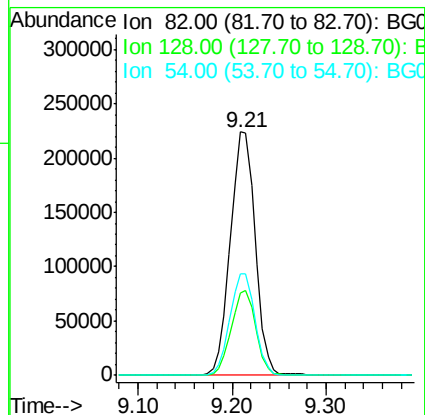
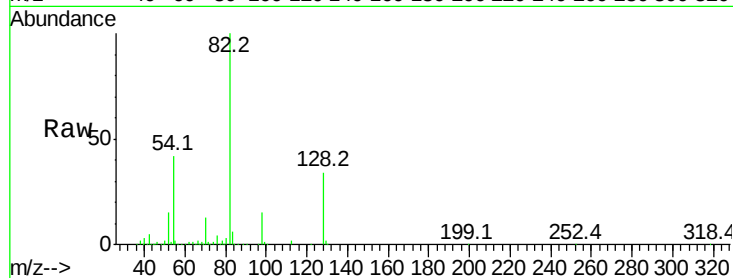
Tot Ion: 82 Resp: 412403

Ion Ratio Lower Upper

82 100

128 33.7 29.7 44.5

54 41.8 43.1 64.7#



#31

Naphthalene

Concen: 2.670 ng

RT: 10.91 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BG035399.D

Acq: 26 Jun 2018 5:48

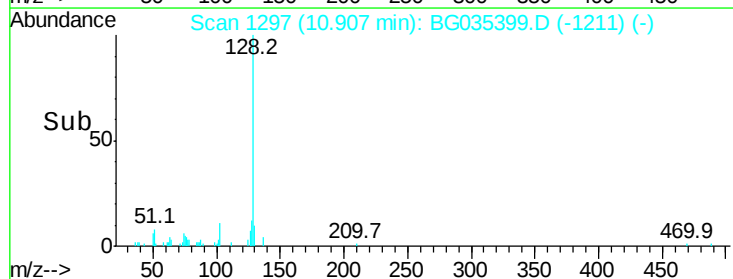
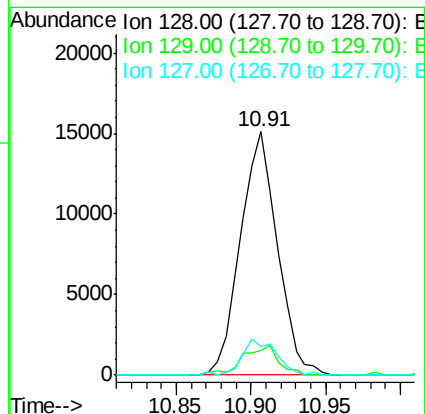
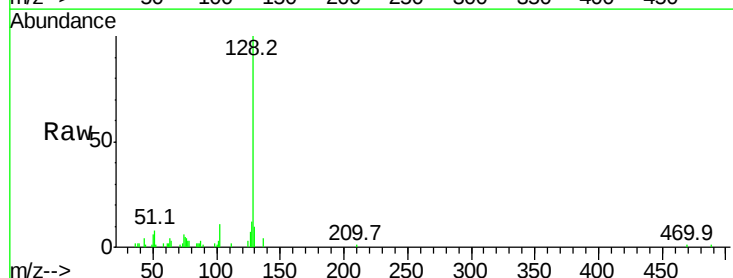
Tgt Ion: 128 Resp: 25888

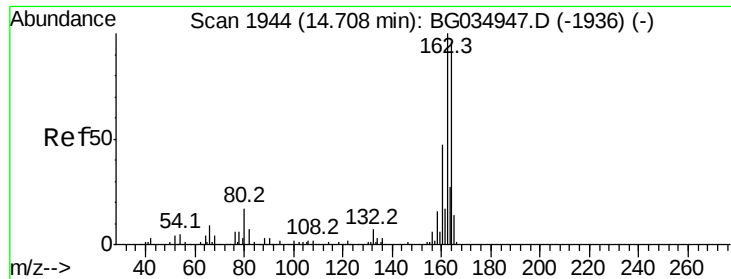
Ion Ratio Lower Upper

128 100

129 10.4 8.6 12.8

127 11.9 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BG035399.D

Acq: 26 Jun 2018 5:48

Instrument :

BNA_G

ClientSampleId :

TP-2-S

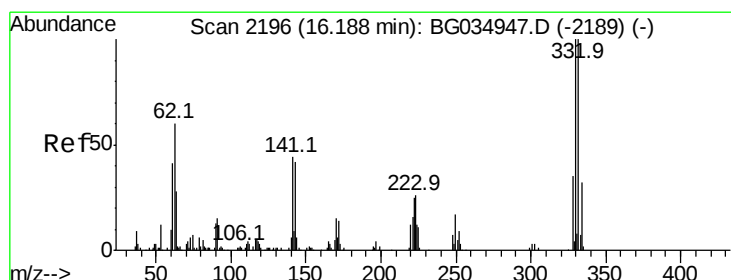
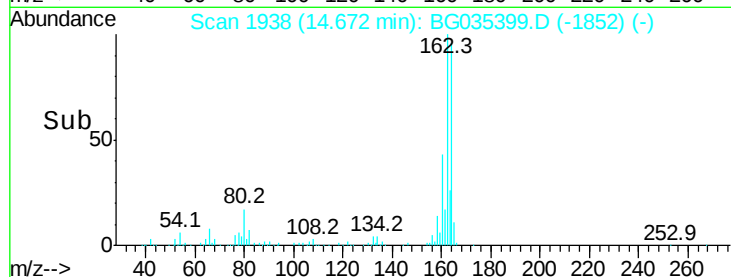
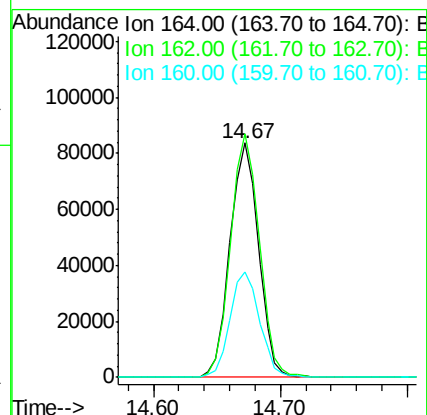
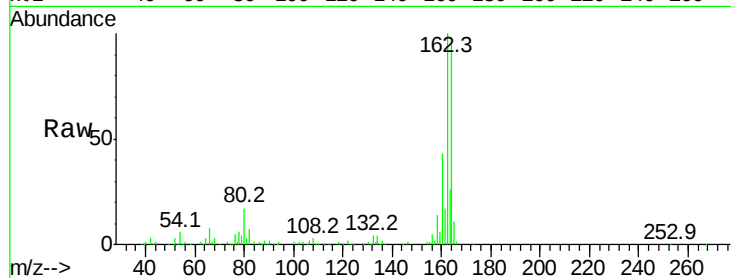
Tot Ion:164 Resp: 130223

Ion Ratio Lower Upper

164 100

162 103.9 78.8 118.2

160 44.9 35.4 53.0



#41

2,4,6-Tribromophenol

Concen: 175.703 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BG035399.D

Acq: 26 Jun 2018 5:48

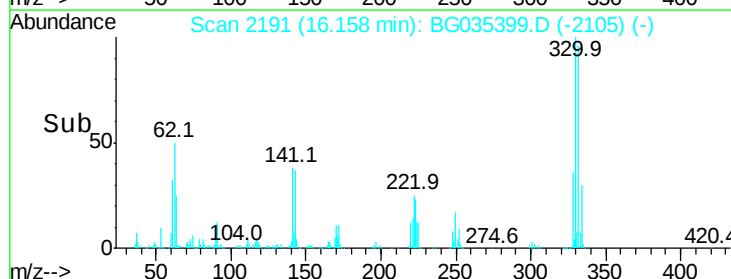
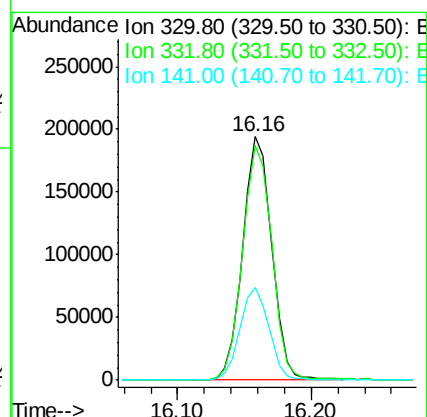
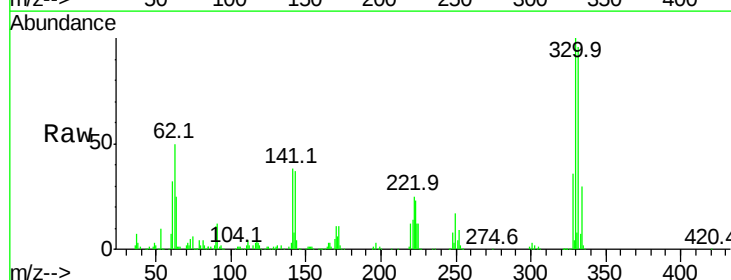
Tgt Ion:330 Resp: 292900

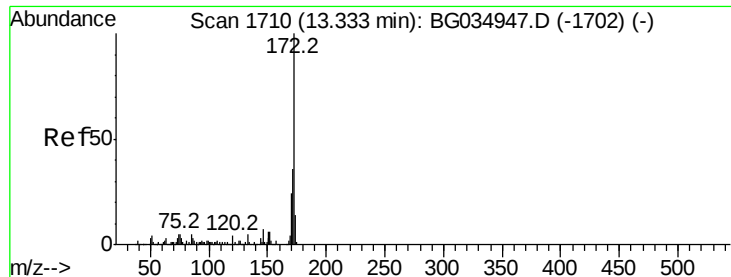
Ion Ratio Lower Upper

330 100

332 97.4 77.0 115.6

141 38.3 25.2 37.8#





#44

2-Fluorobiphenyl

Concen: 93.243 ng

RT: 13.30 min Scan# 1704

Delta R.T. -0.03 min

Lab File: BG035399.D

Acq: 26 Jun 2018 5:48

Instrument :

BNA_G

ClientSampleId :

TP-2-S

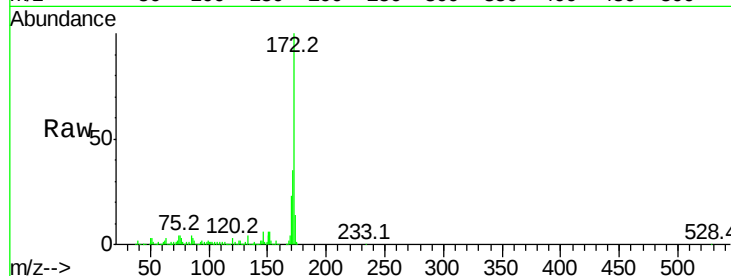
Tot Ion:172 Resp: 934034

Ion Ratio Lower Upper

172 100

171 34.6 30.0 45.0

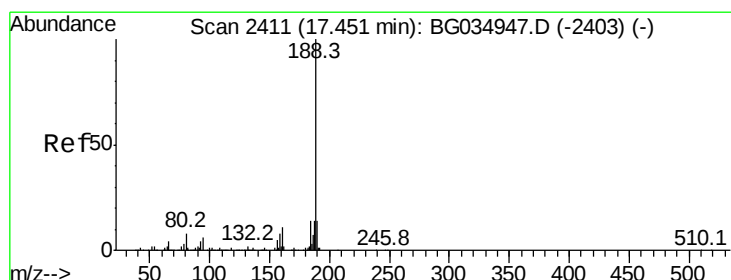
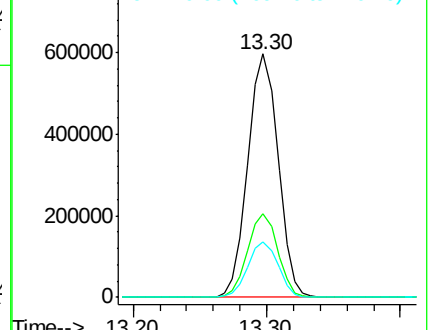
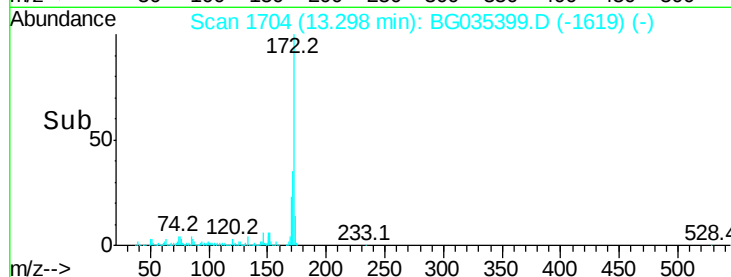
170 22.8 19.5 29.3



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# 2405

Delta R.T. -0.02 min

Lab File: BG035399.D

Acq: 26 Jun 2018 5:48

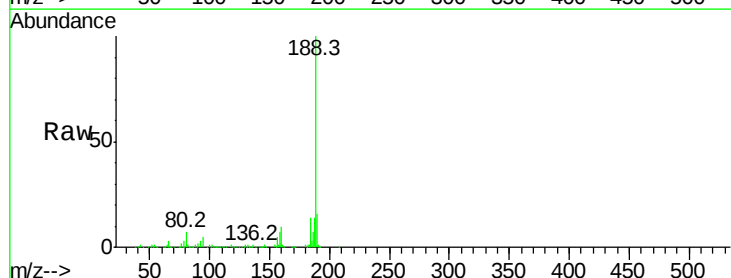
Tgt Ion:188 Resp: 355507

Ion Ratio Lower Upper

188 100

94 5.5 6.9 10.3#

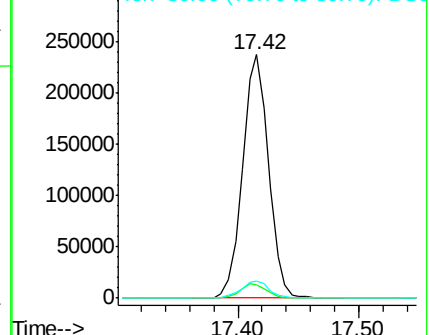
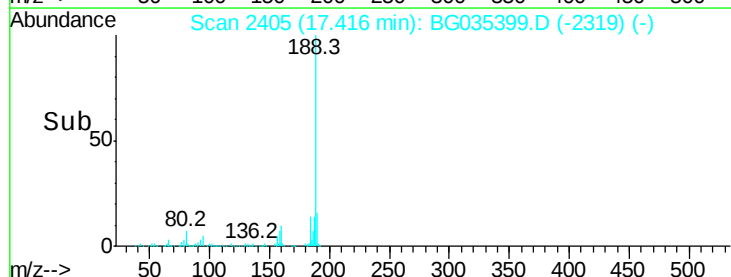
80 7.1 7.7 11.5#

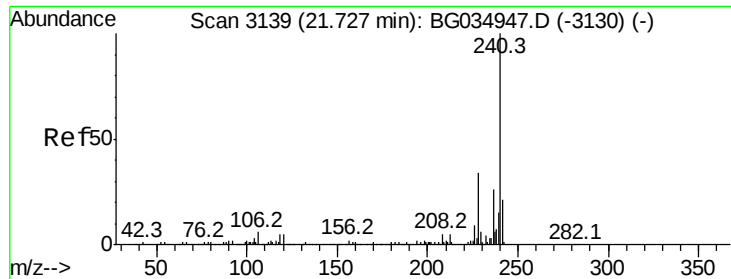


Abundance Ion 188.00 (187.70 to 188.70): E

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# 3131

Delta R.T. -0.04 min

Lab File: BG035399.D

Acq: 26 Jun 2018 5:48

Instrument :

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ClientSampleId :

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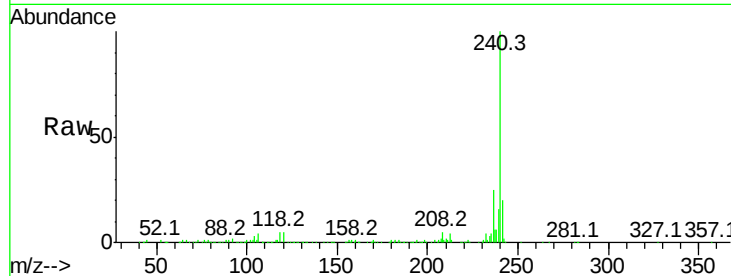
Tot Ion:240 Resp: 385760

Ion Ratio Lower Upper

240 100

120 4.8 6.8 10.2#

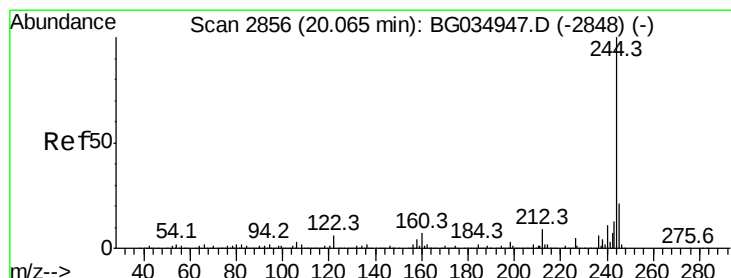
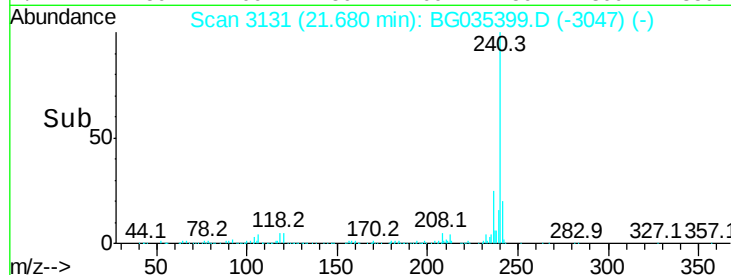
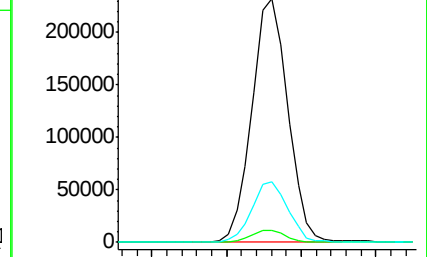
236 25.0 20.9 31.3



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



#78

Terphenyl-d14

Concen: 95.559 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035399.D

Acq: 26 Jun 2018 5:48

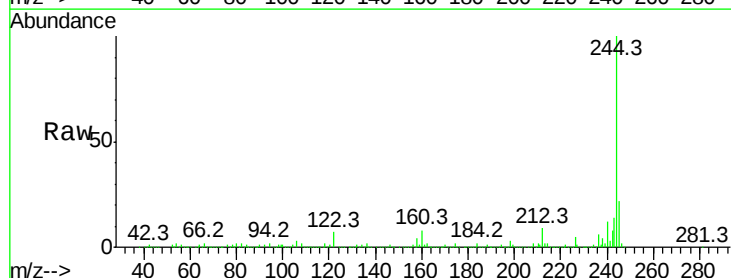
Tgt Ion:244 Resp: 1759841

Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.8#

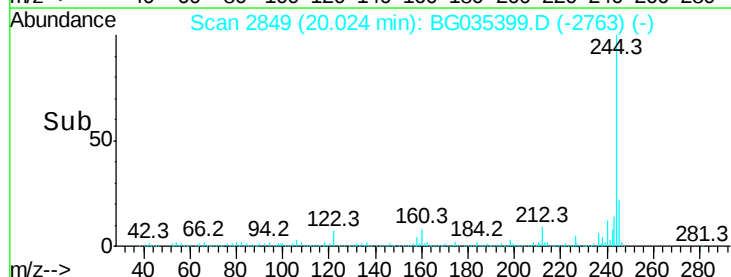
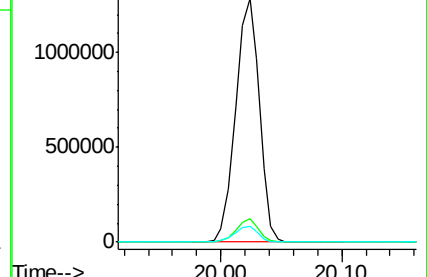
122 6.7 7.0 10.4#

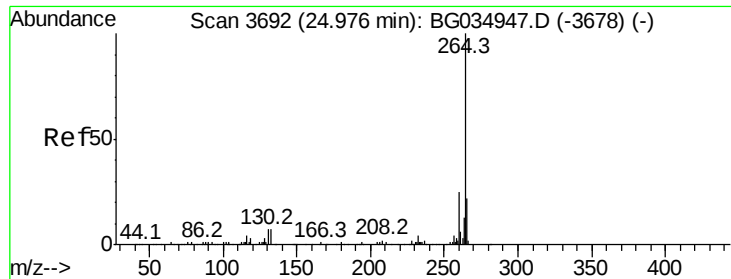


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

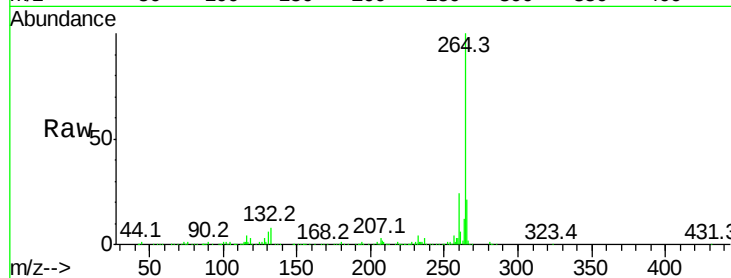




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3678
 Delta R.T. -0.06 min
 Lab File: BG035399.D
 Acq: 26 Jun 2018 5:48

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	21.0	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

