

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062518\
 Data File : BG035384.D
 Acq On : 25 Jun 2018 18:51
 Operator : JU/SJ
 Sample : J3252-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-062118

Quant Time: Jun 25 19:28:43 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	51513	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	192182	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	140636	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	394348	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	395644	20.00	ng	-0.04
86) Perylene-d12	24.91	264	392759	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	399350	130.83	ng	-0.01
7) Phenol-d6	7.21	99	521548	115.77	ng	-0.01
23) Nitrobenzene-d5	9.21	82	407110	100.69	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	308896	171.58	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	906676	83.81	ng	-0.03
78) Terphenyl-d14	20.02	244	1767051	93.55	ng	-0.02

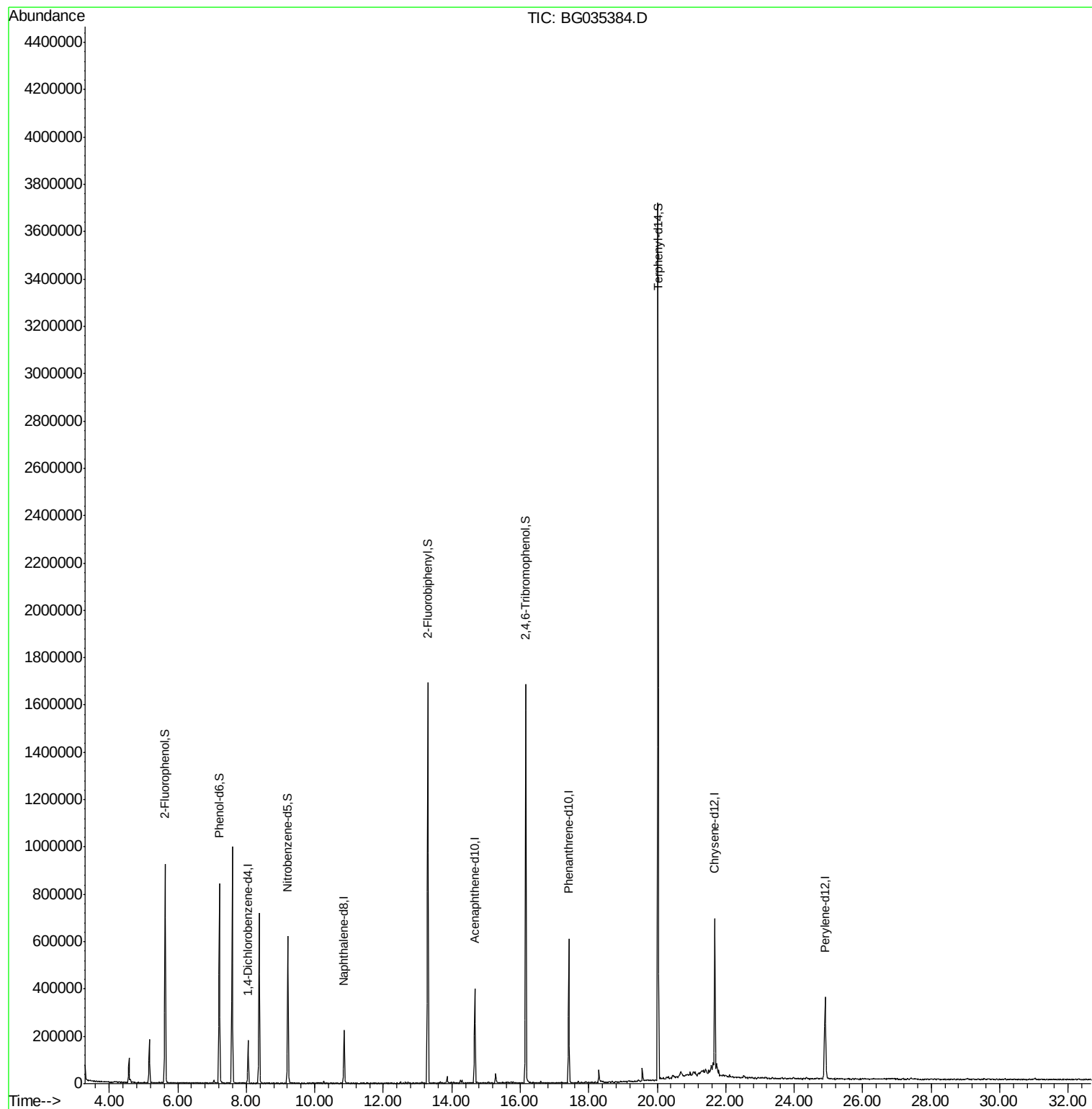
Target Compounds Qvalue

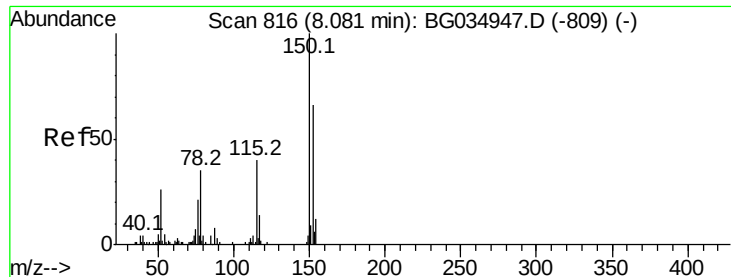
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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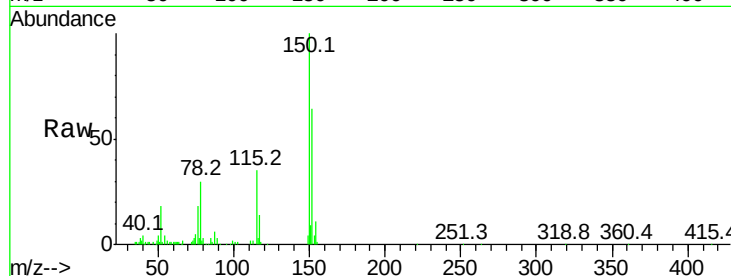


#1

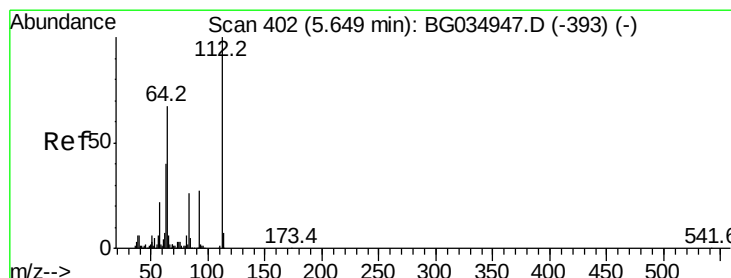
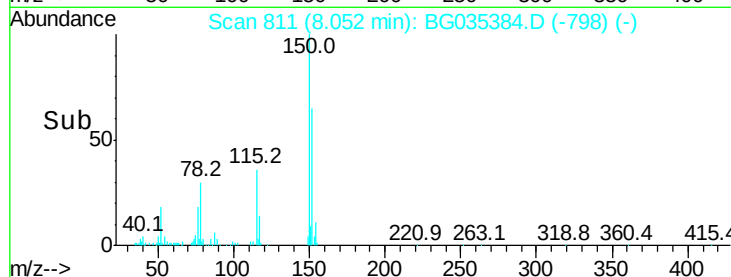
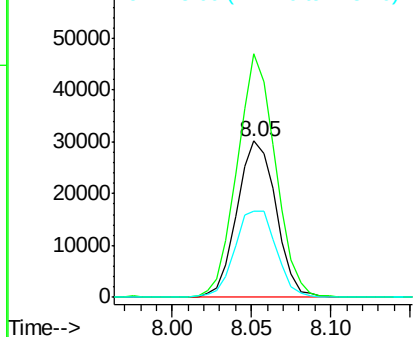
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035384.D
Acq: 25 Jun 2018 18:51

Instrument :
BNA_G
ClientSampleId :
TR-05-062118

Tot Ion:152 Resp: 51513
Ion Ratio Lower Upper
152 100
150 155.7 126.6 189.8
115 55.2 53.0 79.4



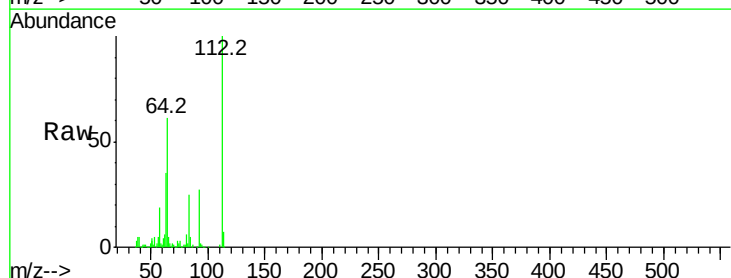
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



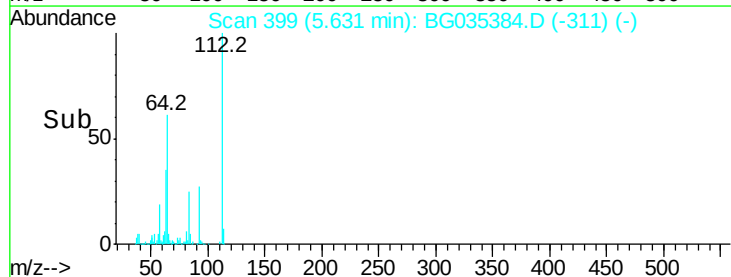
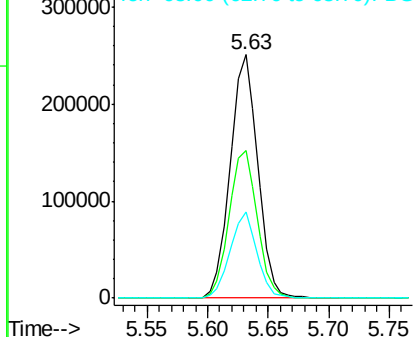
#5

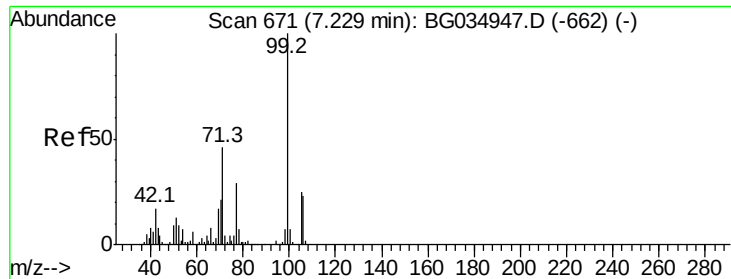
2-Fluorophenol
Concen: 130.830 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035384.D
Acq: 25 Jun 2018 18:51

Tgt Ion:112 Resp: 399350
Ion Ratio Lower Upper
112 100
64 60.7 56.3 84.5
63 35.4 30.1 45.1



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: 115.766 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035384.D

Acq: 25 Jun 2018 18:51

Instrument :

BNA_G

ClientSampleId :

TR-05-062118

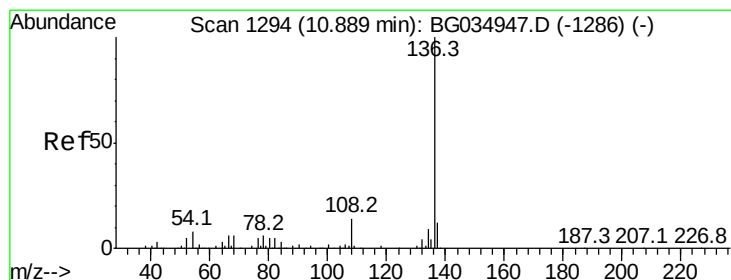
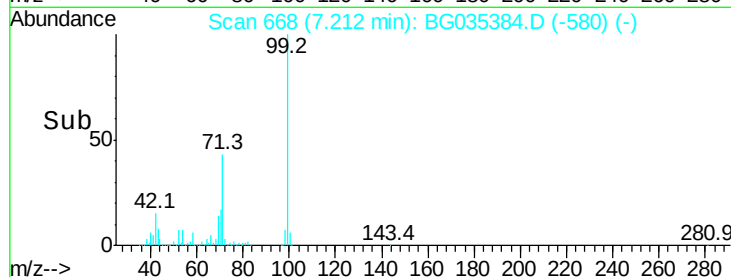
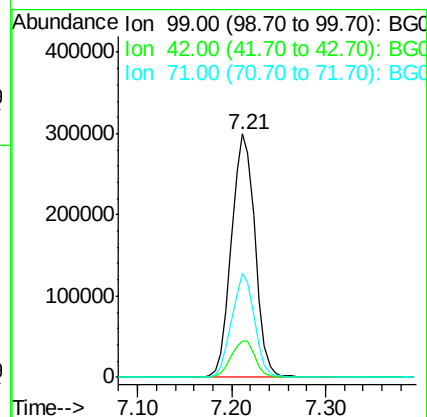
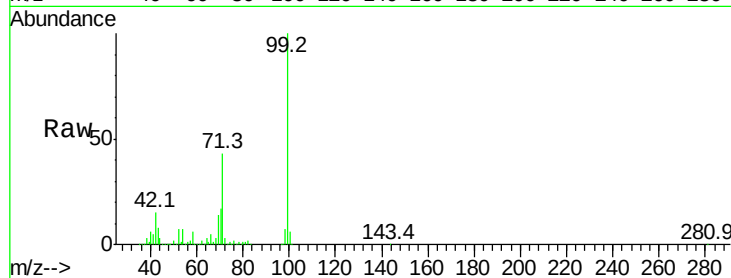
Tot Ion: 99 Resp: 521548

Ion Ratio Lower Upper

99 100

42 14.8 14.1 21.1

71 43.0 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1288

Delta R.T. -0.03 min

Lab File: BG035384.D

Acq: 25 Jun 2018 18:51

Tgt Ion: 136 Resp: 192182

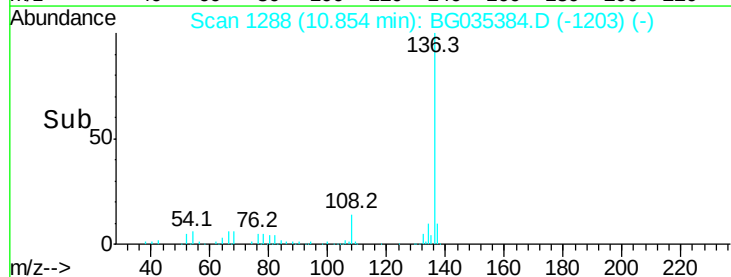
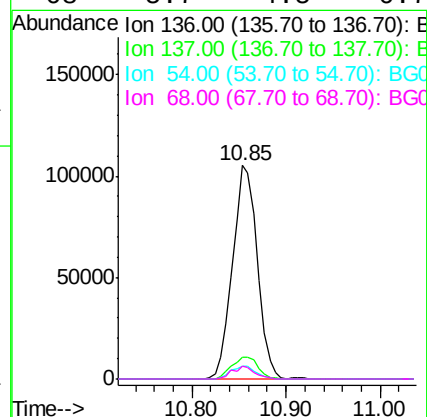
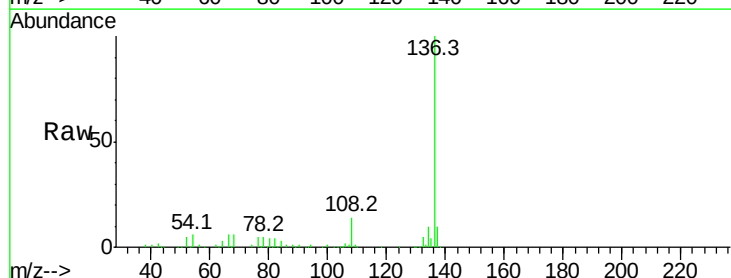
Ion Ratio Lower Upper

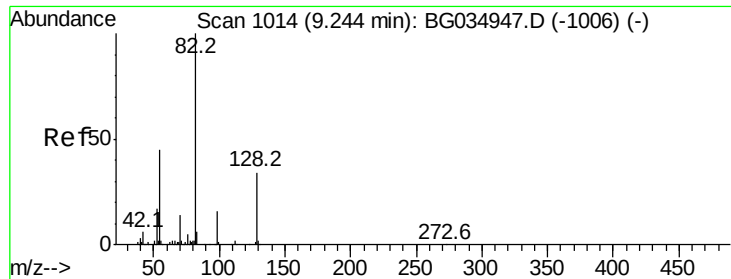
136 100

137 10.5 9.2 13.8

54 6.3 10.3 15.5#

68 5.7 4.5 6.7

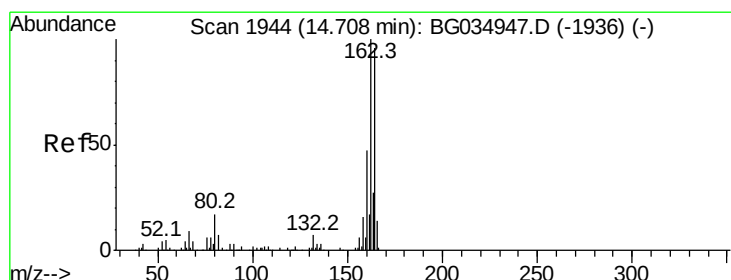
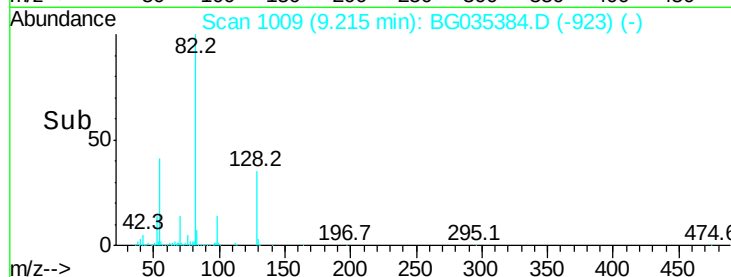
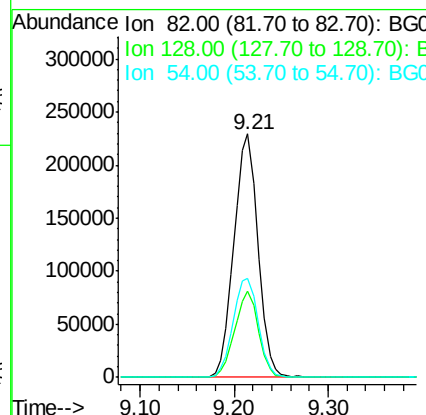
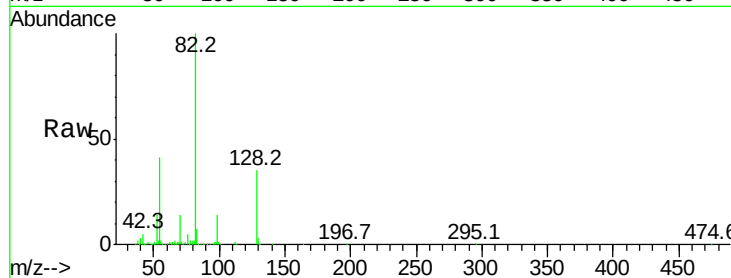




#23
 Nitrobenzene-d5
 Concen: 100.695 ng
 RT: 9.21 min Scan# 1009
 Delta R.T. -0.02 min
 Lab File: BG035384.D
 Acq: 25 Jun 2018 18:51

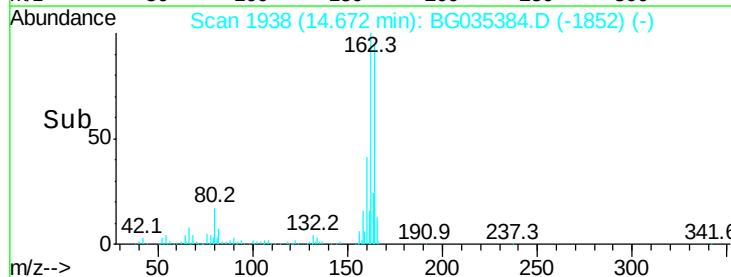
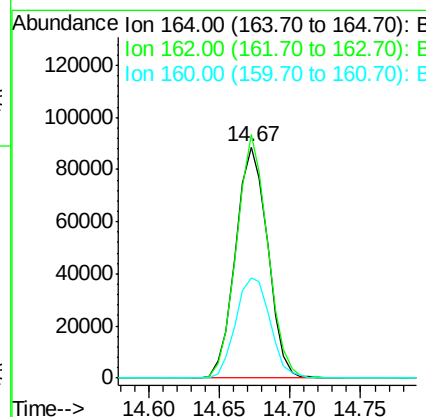
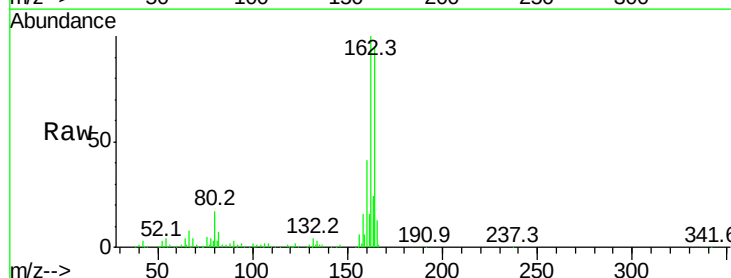
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-062118

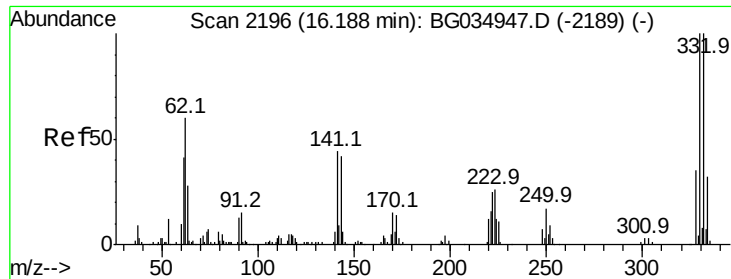
Tot Ion: 82 Resp: 407110
 Ion Ratio Lower Upper
 82 100
 128 35.5 29.7 44.5
 54 40.9 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BG035384.D
 Acq: 25 Jun 2018 18:51

Tgt Ion:164 Resp: 140636
 Ion Ratio Lower Upper
 164 100
 162 105.2 78.8 118.2
 160 43.4 35.4 53.0

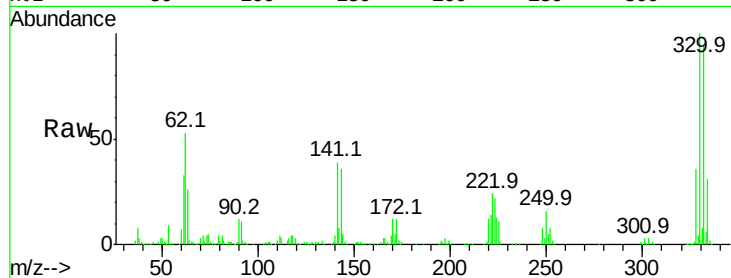




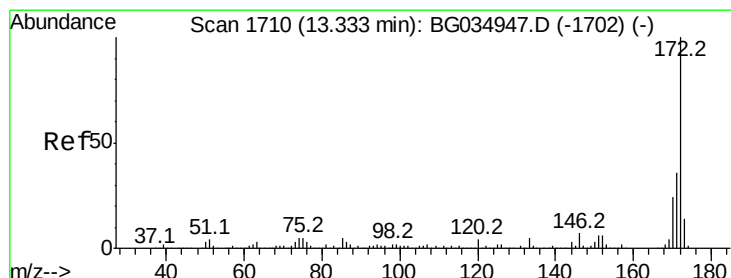
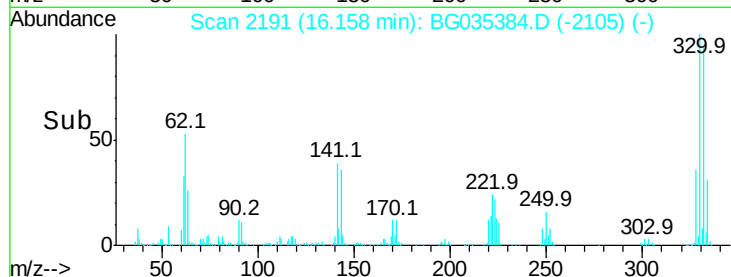
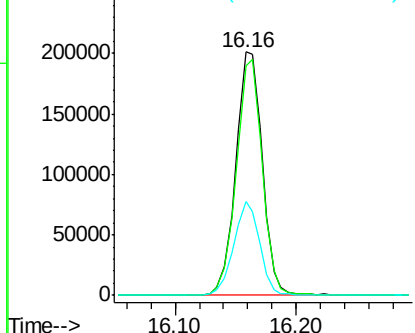
#41
 2,4,6-Tribromophenol
 Concen: 171.578 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.02 min
 Lab File: BG035384.D
 Acq: 25 Jun 2018 18:51

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-062118

Tot Ion:330 Resp: 308896
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 37.7 25.2 37.8

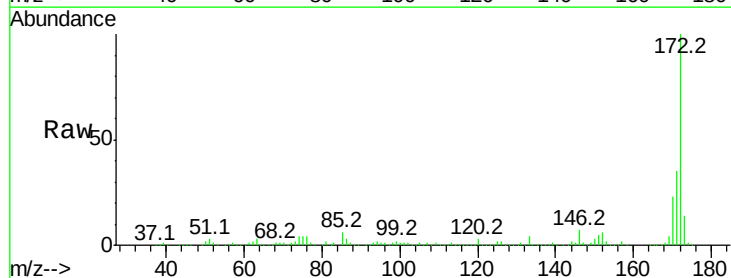


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

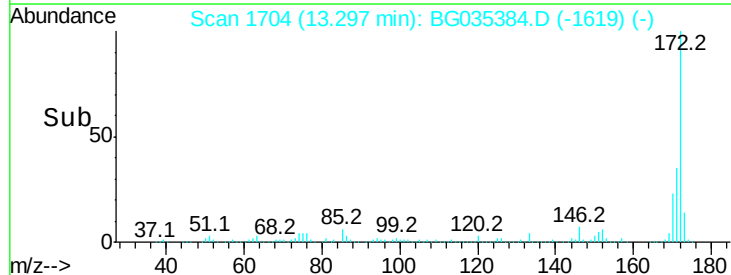
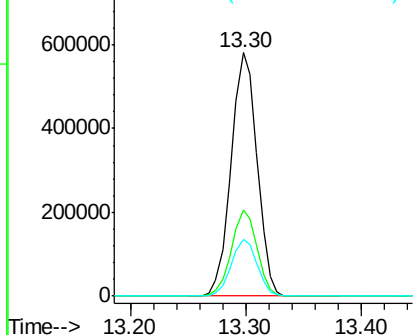


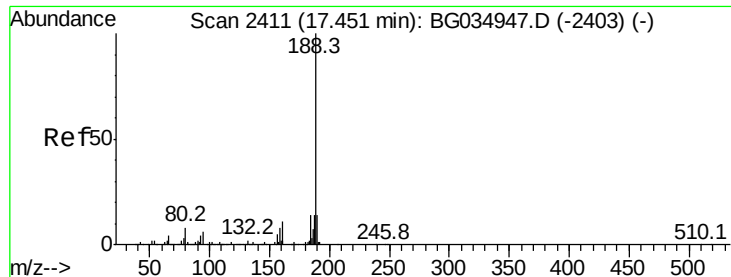
#44
 2-Fluorobiphenyl
 Concen: 83.810 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035384.D
 Acq: 25 Jun 2018 18:51

Tgt Ion:172 Resp: 906676
 Ion Ratio Lower Upper
 172 100
 171 35.2 30.0 45.0
 170 23.2 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# 2405

Delta R.T. -0.02 min

Lab File: BG035384.D

Acq: 25 Jun 2018 18:51

Instrument :

BNA_G

ClientSampleId :

TR-05-062118

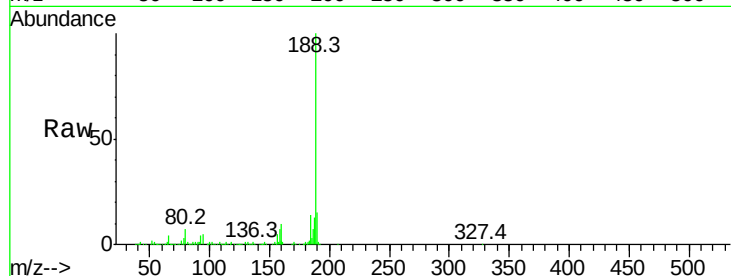
Tot Ion:188 Resp: 394348

Ion Ratio Lower Upper

188 100

94 5.1 6.9 10.3#

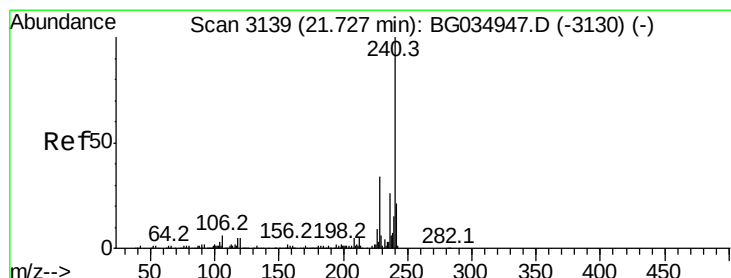
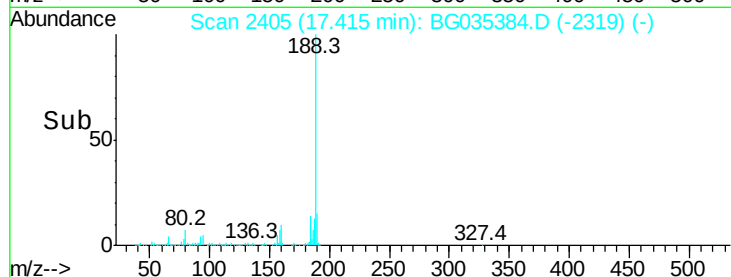
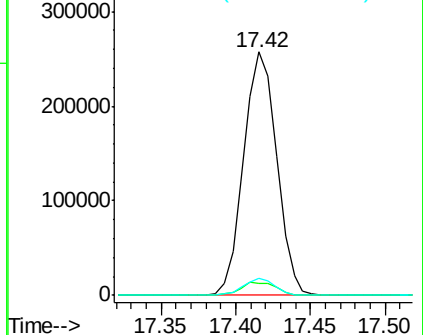
80 7.2 7.7 11.5#



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.04 min

Lab File: BG035384.D

Acq: 25 Jun 2018 18:51

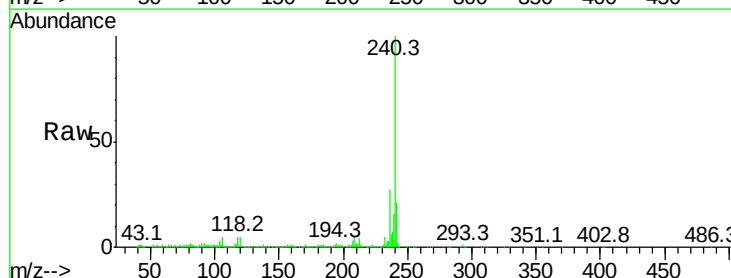
Tgt Ion:240 Resp: 395644

Ion Ratio Lower Upper

240 100

120 5.1 6.8 10.2#

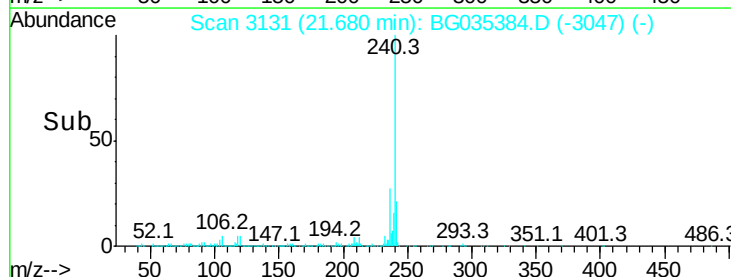
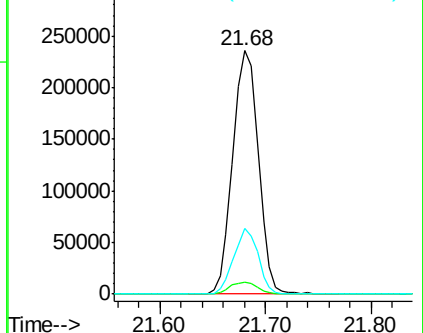
236 26.7 20.9 31.3

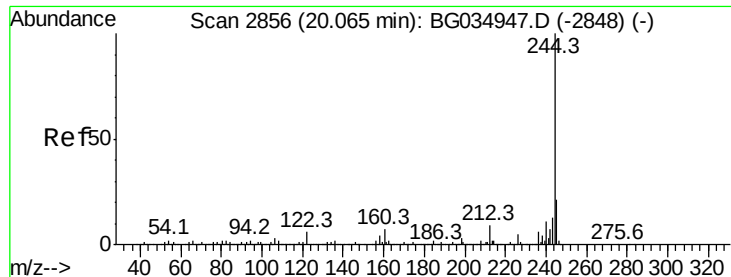


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 93.554 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035384.D

Acq: 25 Jun 2018 18:51

Instrument :

BNA_G

ClientSampleId :

TR-05-062118

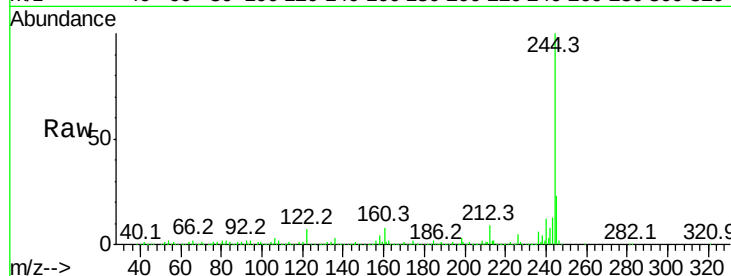
Tot Ion:244 Resp: 1767051

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

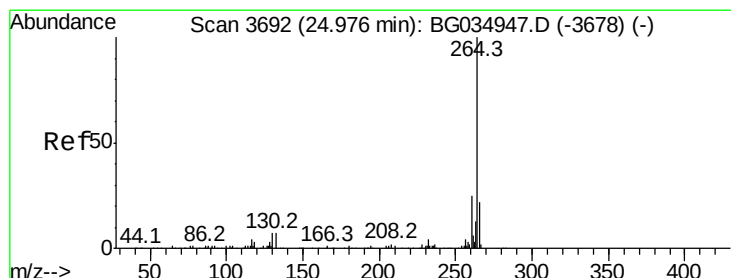
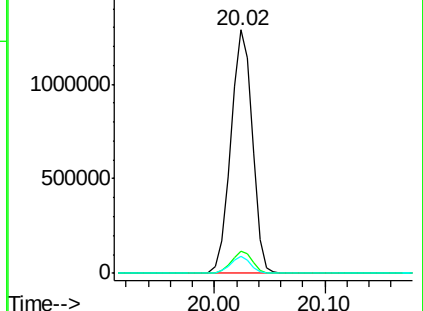
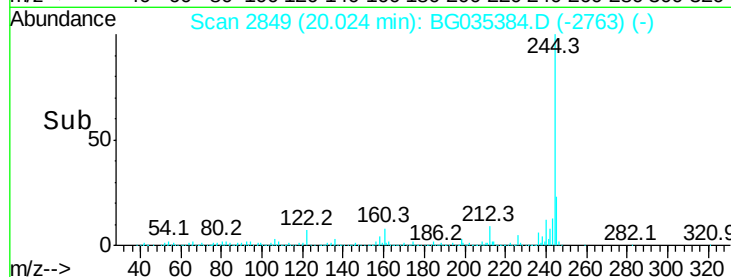
122 6.8 7.0 10.4#



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# 3680

Delta R.T. -0.05 min

Lab File: BG035384.D

Acq: 25 Jun 2018 18:51

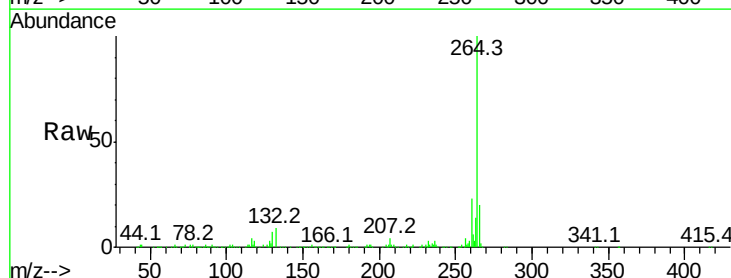
Tgt Ion:264 Resp: 392759

Ion Ratio Lower Upper

264 100

260 22.9 17.4 26.0

265 20.2 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

