

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062118\
 Data File : BG035324.D
 Acq On : 22 Jun 2018 8:15
 Operator : JU/SJ
 Sample : J3603-20
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 26KV-TP-7

Quant Time: Jun 22 09:40:44 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	56349	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	192050	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	131534	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	357708	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	396545	20.00	ng	-0.04
86) Perylene-d12	24.90	264	379792	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	470193	140.82	ng	0.00
7) Phenol-d6	7.22	99	601819	122.12	ng	0.00
23) Nitrobenzene-d5	9.22	82	471043	116.59	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	326625	193.98	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	1034180	102.21	ng	-0.02
78) Terphenyl-d14	20.02	244	1912854	101.04	ng	-0.02

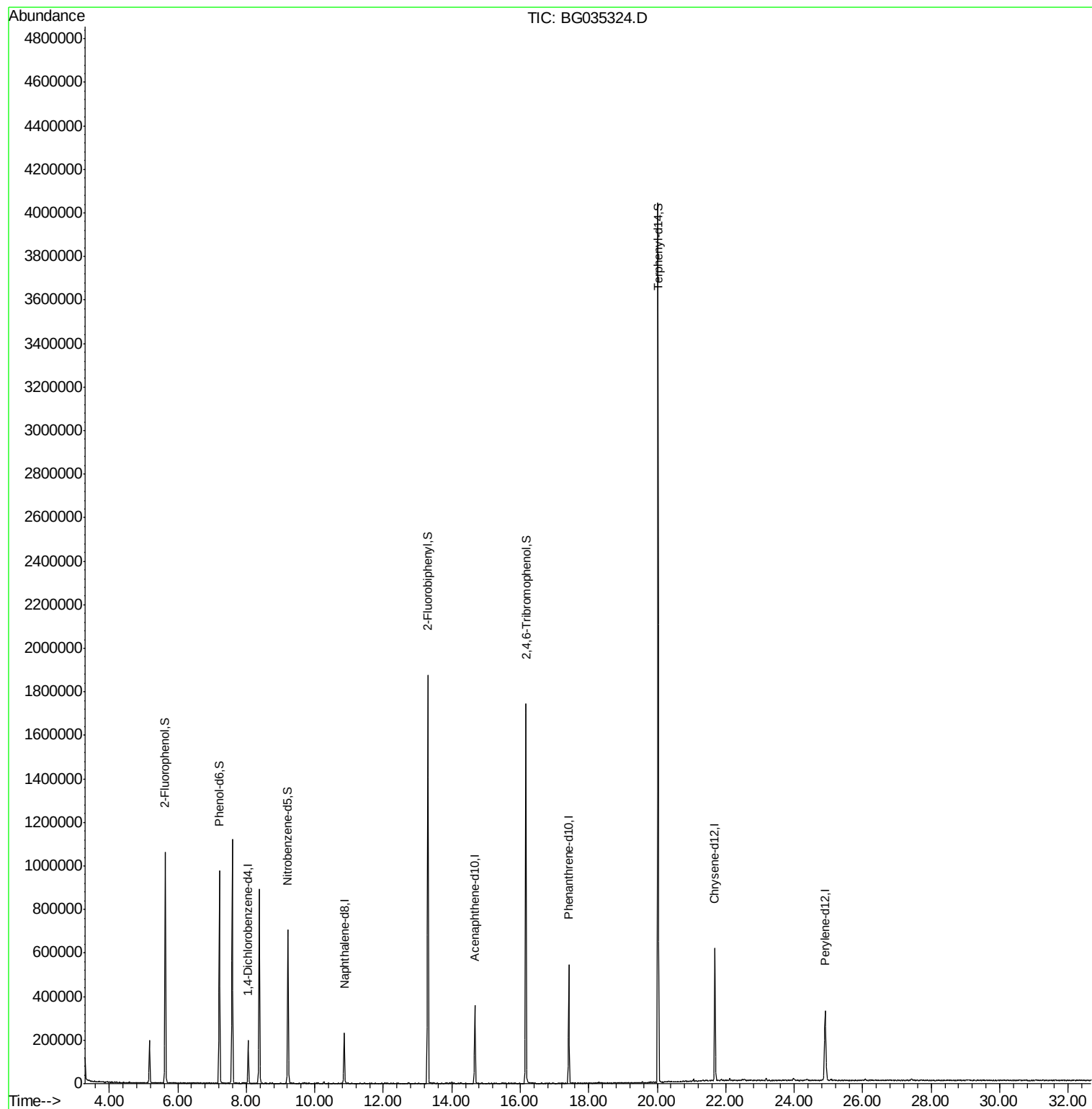
Target Compounds Qvalue

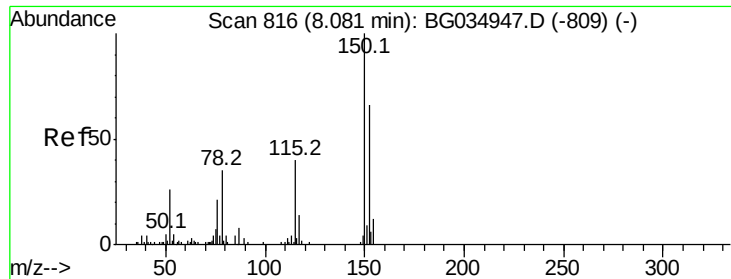
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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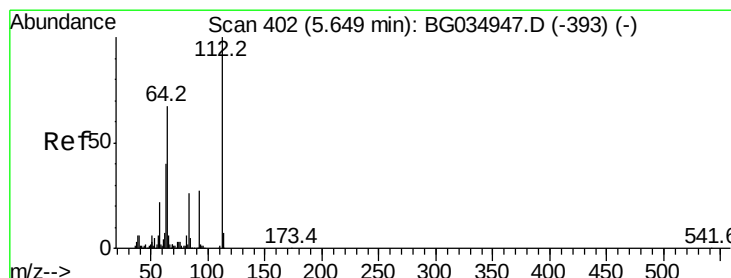
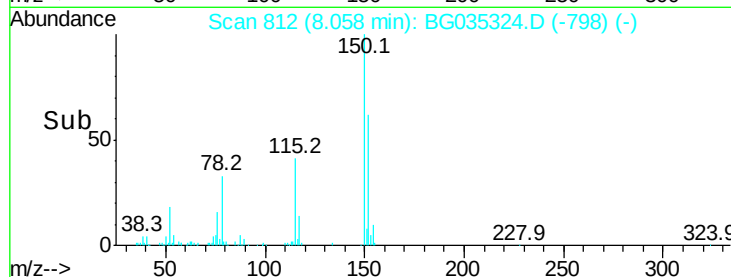
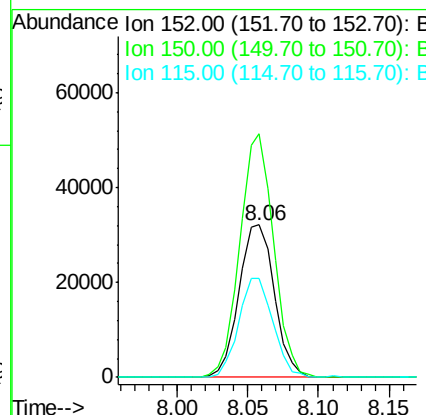
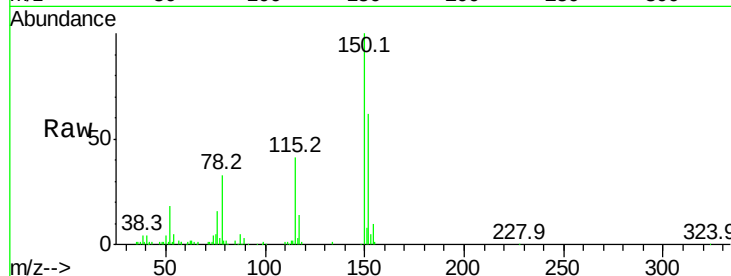


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035324.D
Acq: 22 Jun 2018 8:15

Instrument :
BNA_G
ClientSampleId :
26KV-TP-7

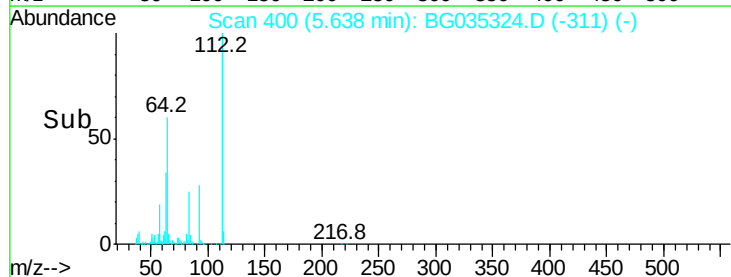
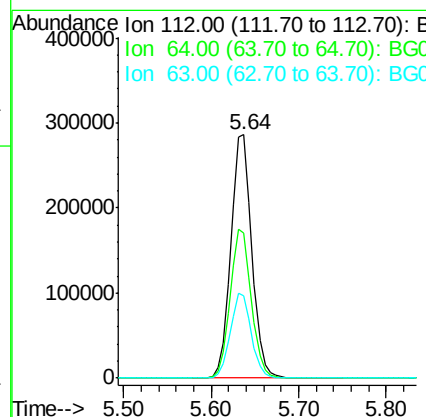
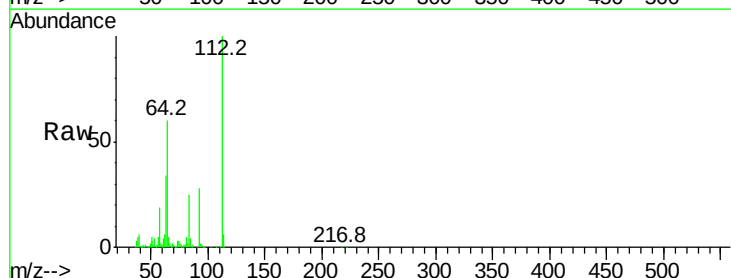
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	126.6	189.8
115	65.4	53.0	79.4

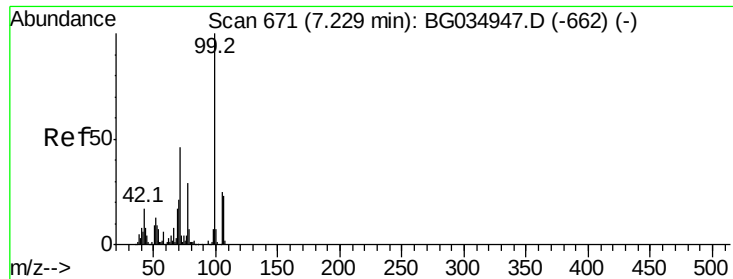


#5

2-Fluorophenol
Concen: 140.819 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035324.D
Acq: 22 Jun 2018 8:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.8	56.3	84.5
63	33.9	30.1	45.1





#7

Phenol-d6

Concen: 122.119 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035324.D

Acq: 22 Jun 2018 8:15

Instrument :

BNA_G

ClientSampleId :

26KV-TP-7

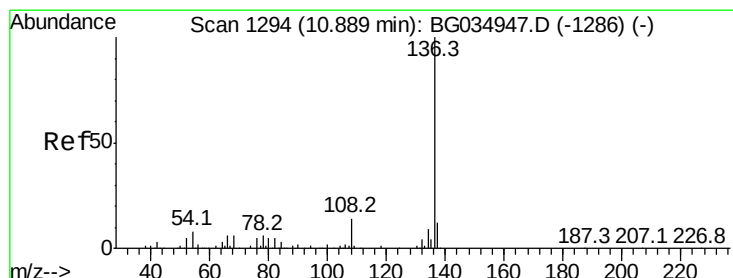
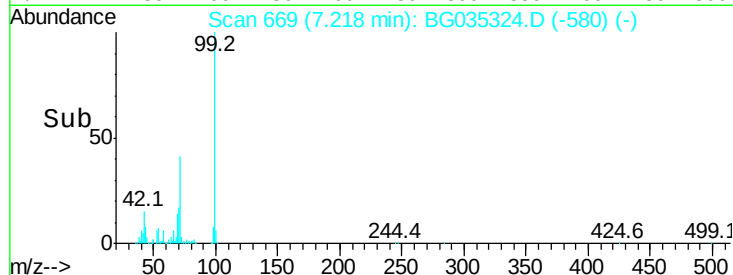
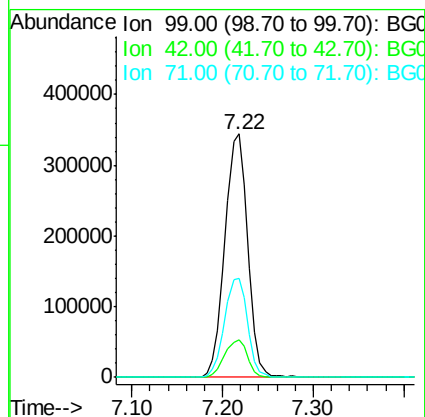
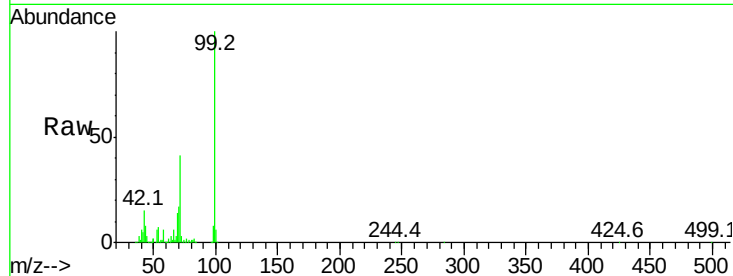
Tot Ion: 99 Resp: 601819

Ion Ratio Lower Upper

99 100

42 15.5 14.1 21.1

71 40.9 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BG035324.D

Acq: 22 Jun 2018 8:15

Tgt Ion: 136 Resp: 192050

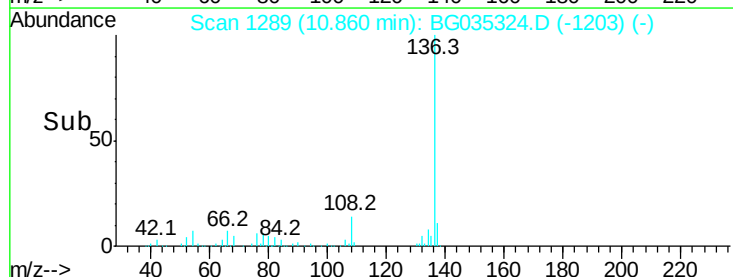
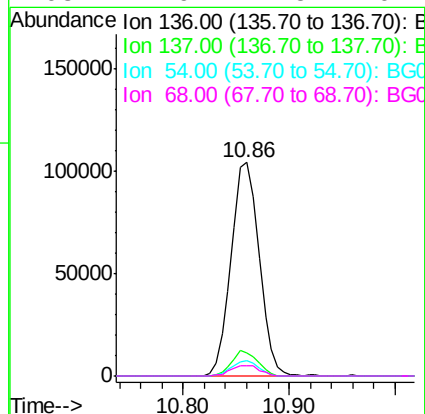
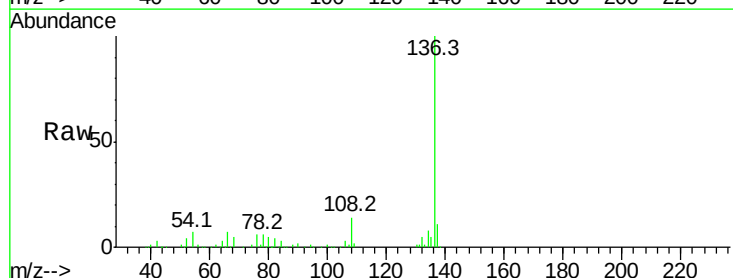
Ion Ratio Lower Upper

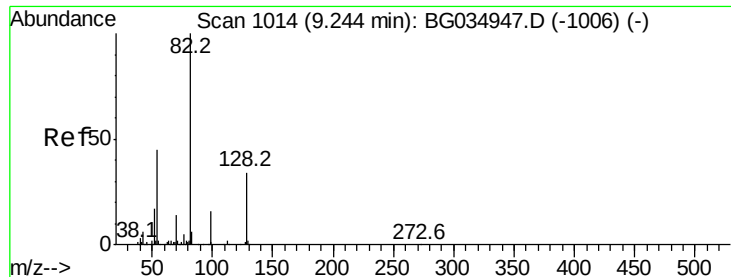
136 100

137 11.1 9.2 13.8

54 7.0 10.3 15.5#

68 4.9 4.5 6.7

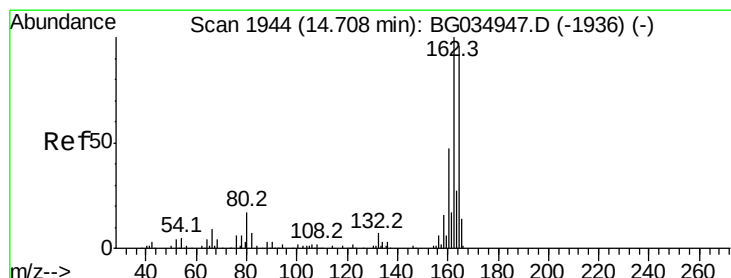
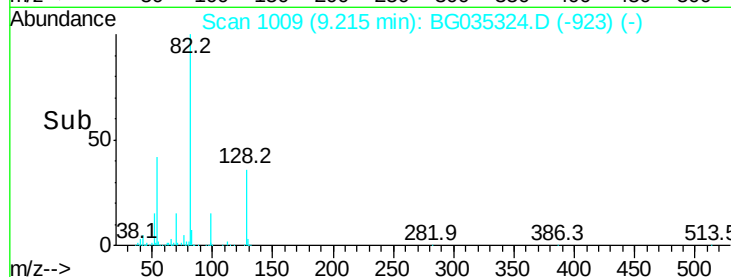
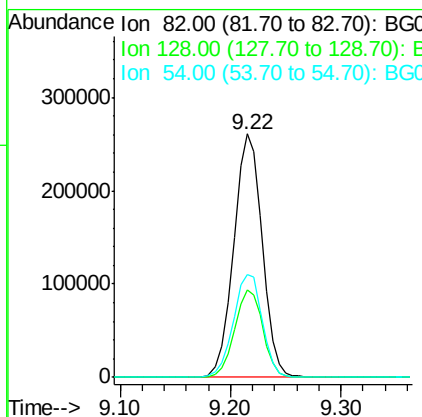
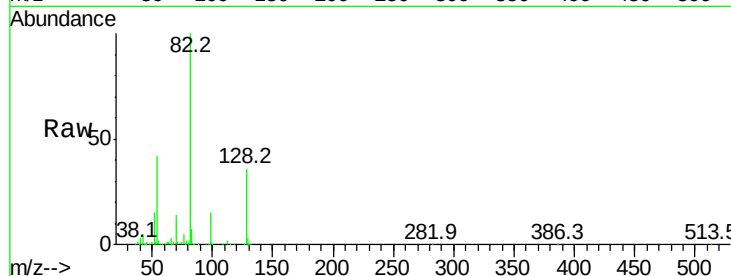




#23
 Nitrobenzene-d5
 Concen: 116.588 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.02 min
 Lab File: BG035324.D
 Acq: 22 Jun 2018 8:15

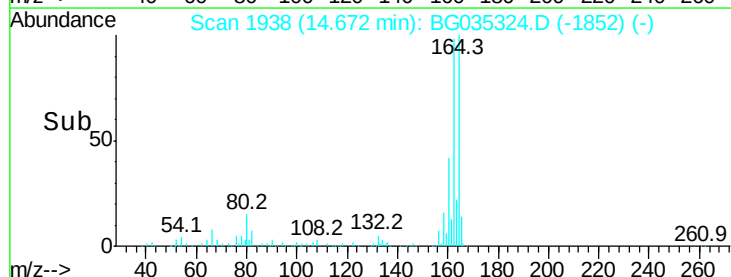
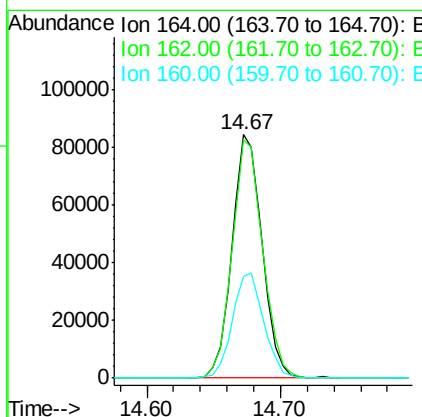
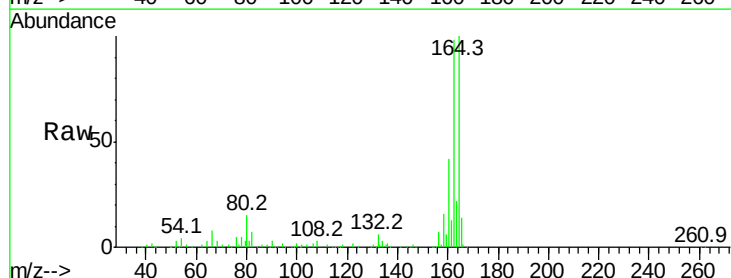
Instrument :
 BNA_G
 ClientSampleId :
 26KV-TP-7

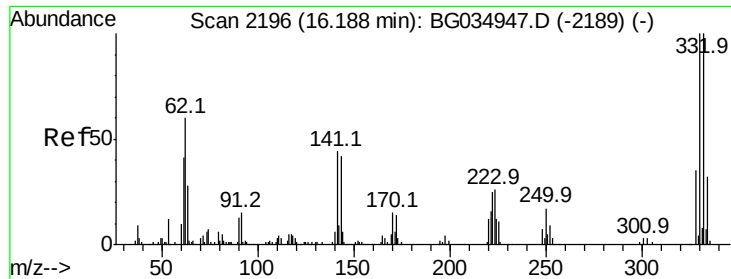
Tot Ion: 82 Resp: 471043
 Ion Ratio Lower Upper
 82 100
 128 35.8 29.7 44.5
 54 42.1 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BG035324.D
 Acq: 22 Jun 2018 8:15

Tgt Ion:164 Resp: 131534
 Ion Ratio Lower Upper
 164 100
 162 97.9 78.8 118.2
 160 41.7 35.4 53.0

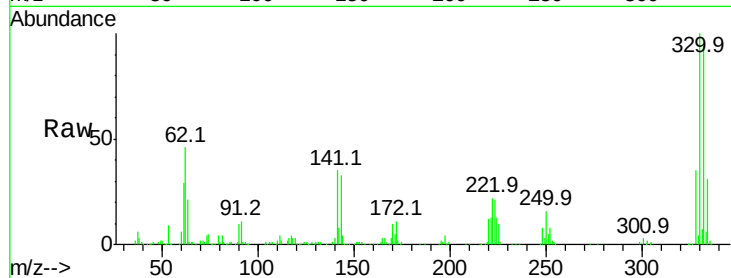




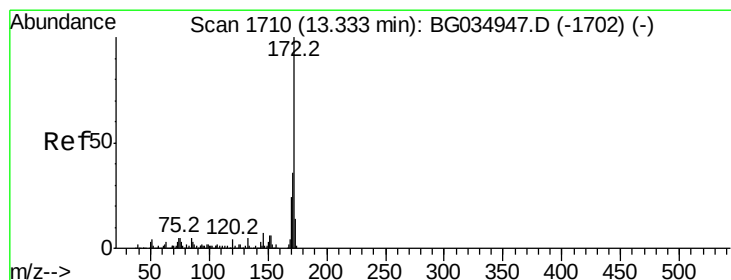
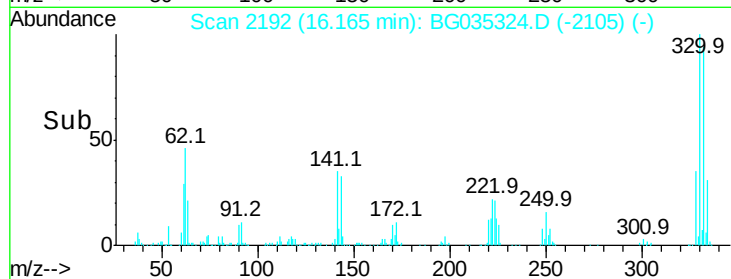
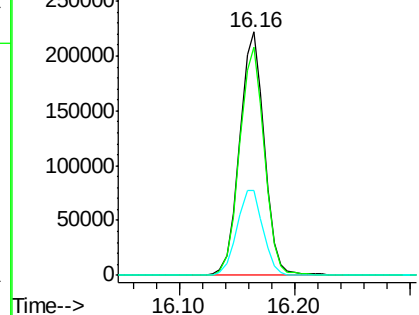
#41
 2,4,6-Tribromophenol
 Concen: 193.981 ng
 RT: 16.16 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BG035324.D
 Acq: 22 Jun 2018 8:15

Instrument :
 BNA_G
 ClientSampleId :
 26KV-TP-7

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.0	115.6
141	37.3	25.2	37.8

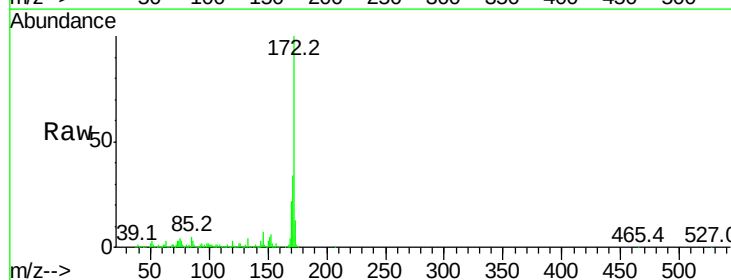


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

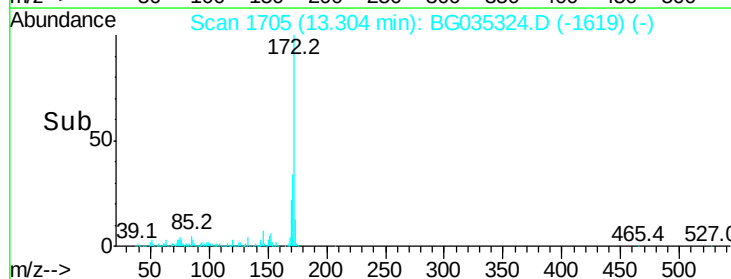
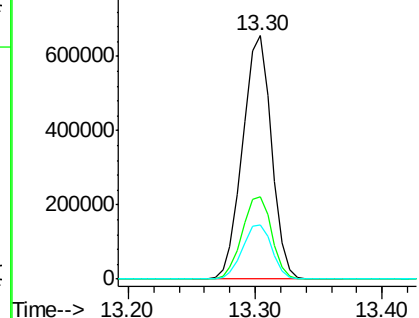


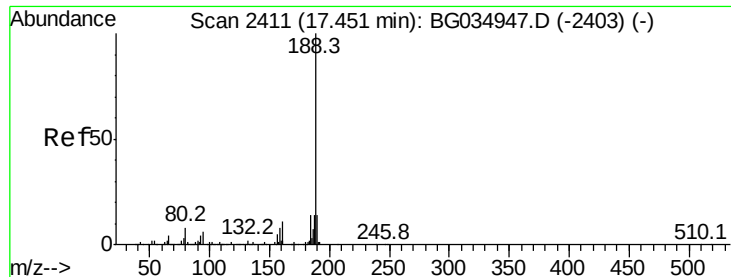
#44
 2-Fluorobiphenyl
 Concen: 102.212 ng
 RT: 13.30 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG035324.D
 Acq: 22 Jun 2018 8:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.1	30.0	45.0
170	22.3	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: BG035324.D

Acq: 22 Jun 2018 8:15

Instrument :

BNA_G

ClientSampleId :

26KV-TP-7

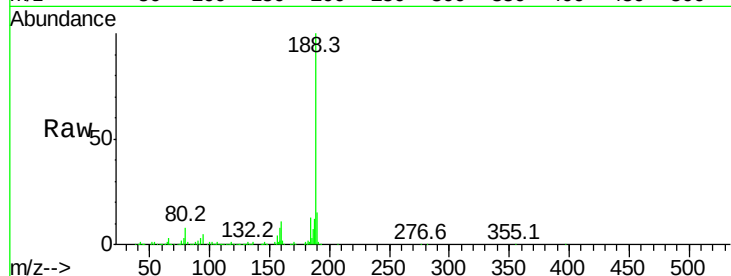
Tot Ion:188 Resp: 357708

Ion Ratio Lower Upper

188 100

94 5.3 6.9 10.3#

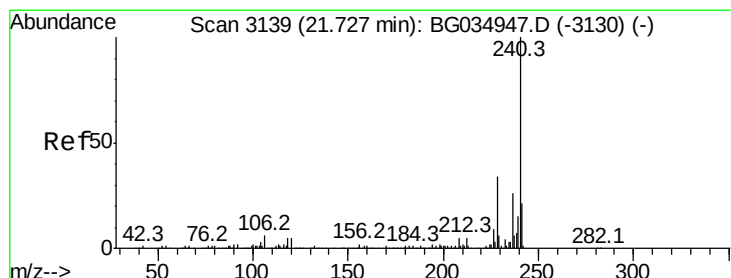
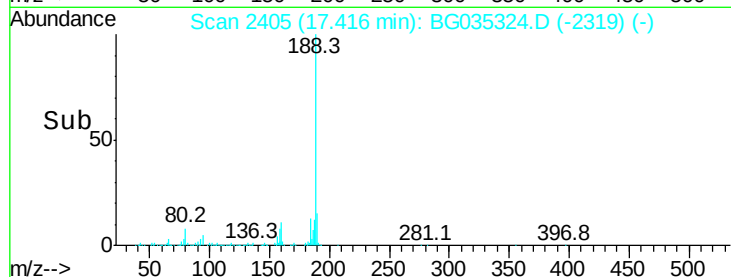
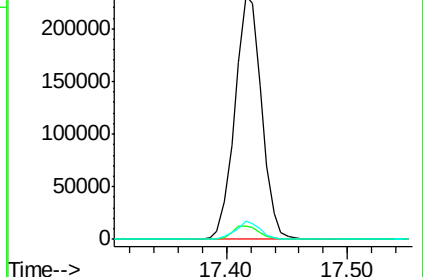
80 7.5 7.7 11.5#



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: BG035324.D

Acq: 22 Jun 2018 8:15

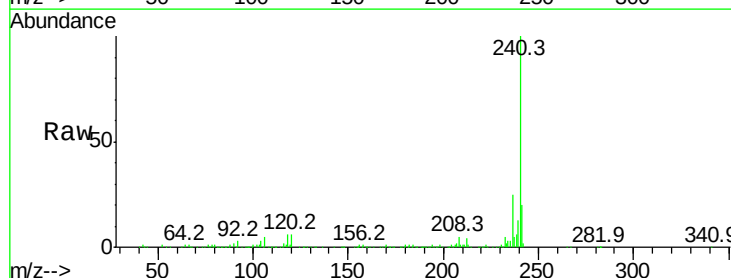
Tgt Ion:240 Resp: 396545

Ion Ratio Lower Upper

240 100

120 5.8 6.8 10.2#

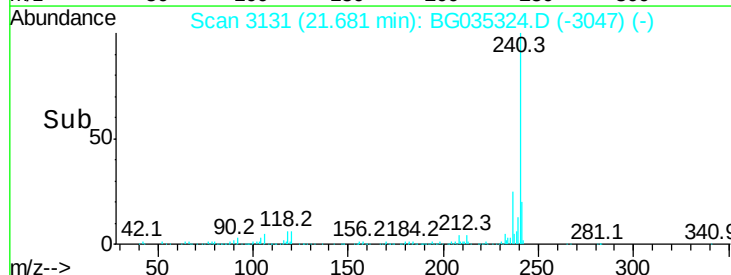
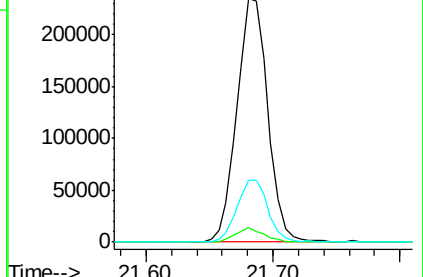
236 25.4 20.9 31.3

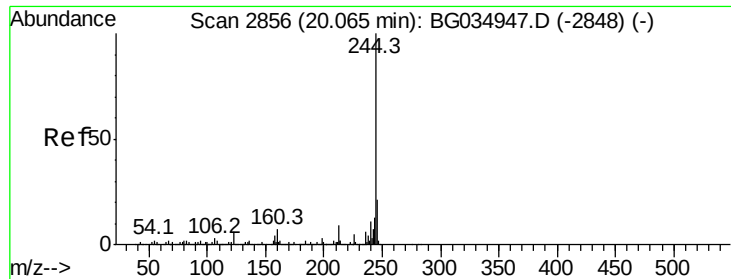


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 101.043 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035324.D

Acq: 22 Jun 2018 8:15

Instrument :

BNA_G

ClientSampleId :

26KV-TP-7

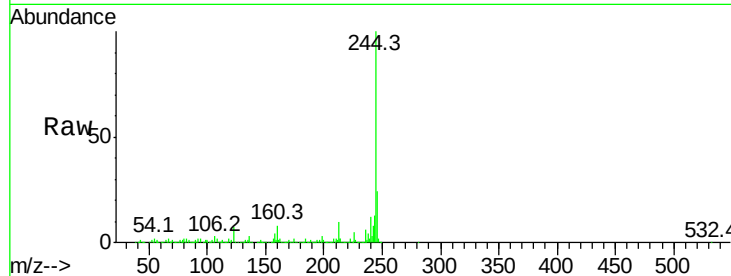
Tot Ion:244 Resp: 1912854

Ion Ratio Lower Upper

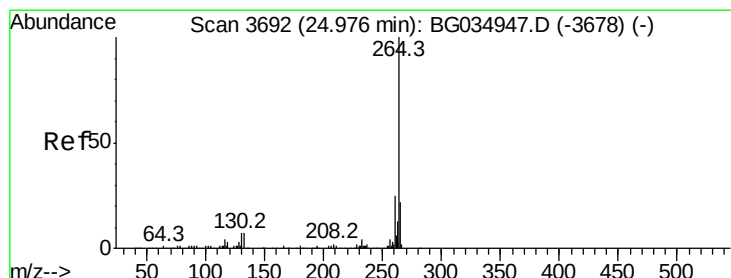
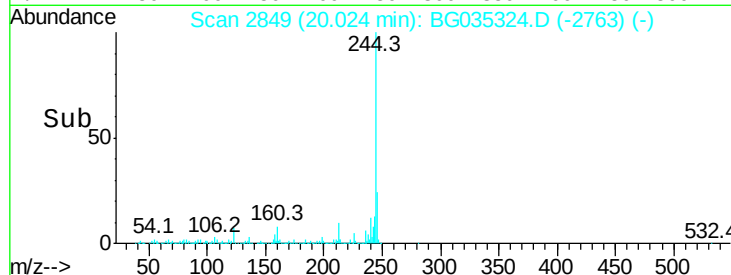
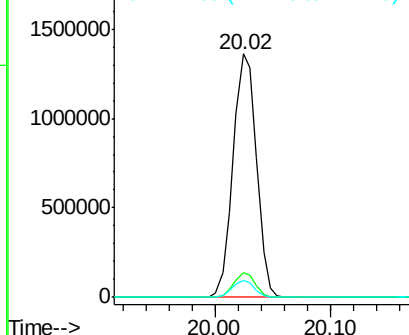
244 100

212 10.0 5.8 8.8#

122 7.3 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: 24.90 min Scan# 3679

Delta R.T. -0.05 min

Lab File: BG035324.D

Acq: 22 Jun 2018 8:15

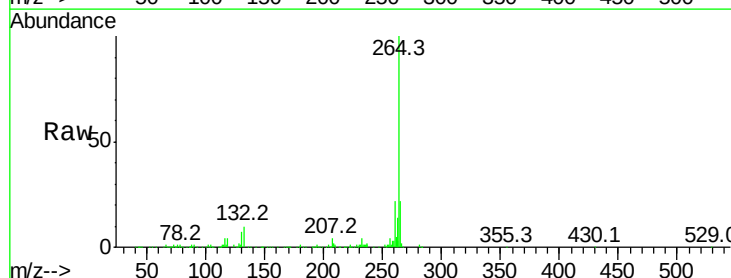
Tgt Ion:264 Resp: 379792

Ion Ratio Lower Upper

264 100

260 22.1 17.4 26.0

265 21.7 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

