

Data File : BG035281.D
Acq On : 21 Jun 2018 2:03
Operator : SJ/JU
Sample : PB110428TB
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB110428TB

Quant Time: Jun 21 06:00:35 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	56623	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	198866	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	138837	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	376859	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	419270	20.00	ng	-0.03
86) Perylene-d12	24.91	264	392805	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	453042	135.03	ng	-0.01
7) Phenol-d6	7.21	99	641196	129.48	ng	-0.01
23) Nitrobenzene-d5	9.22	82	405132	96.84	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	281954	158.64	ng	-0.02
44) 2-Fluorobiphenyl	13.31	172	936376	87.68	ng	-0.02
78) Terphenyl-d14	20.03	244	1709707	85.42	ng	-0.02

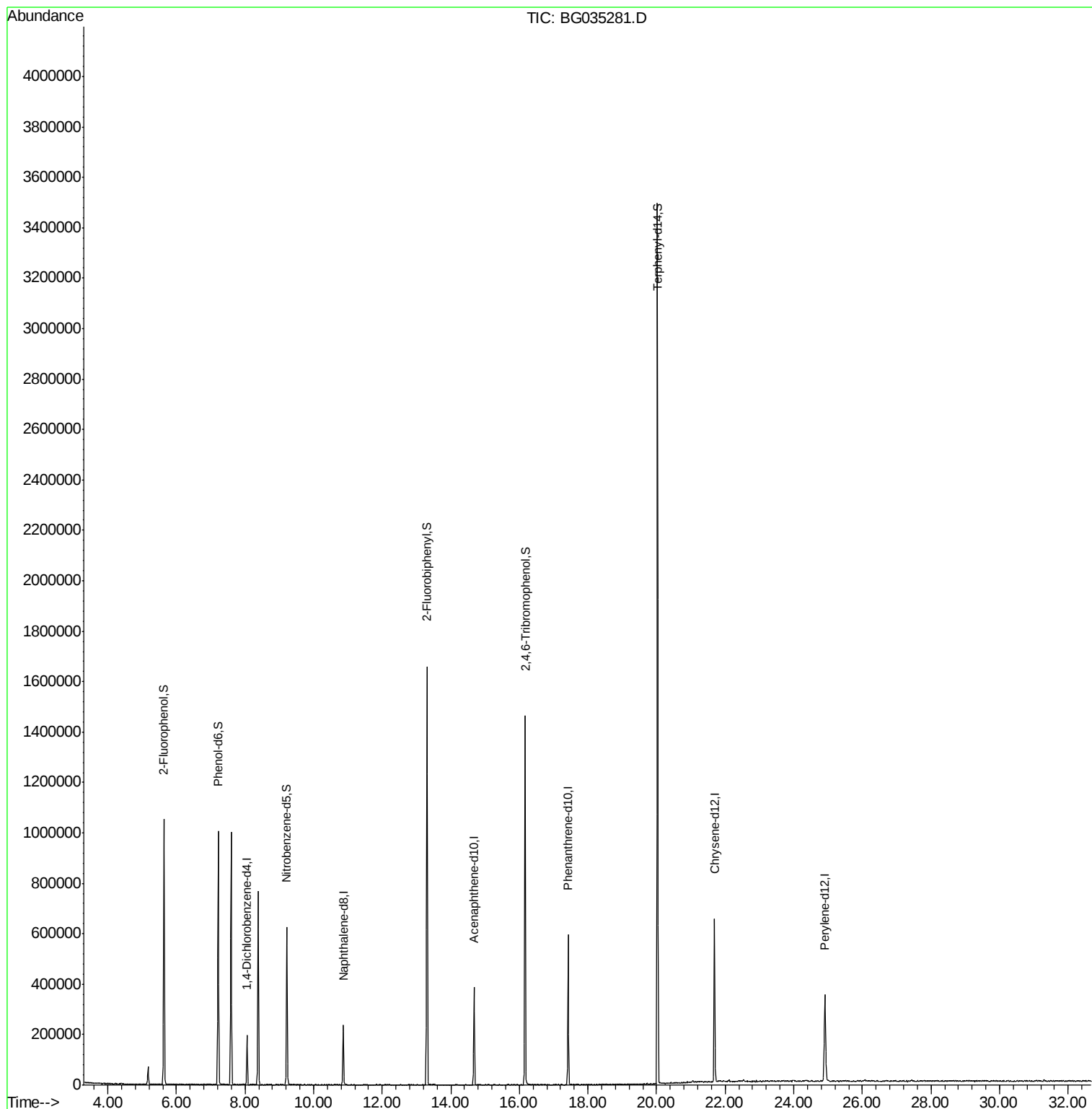
Target Compounds	Qvalue
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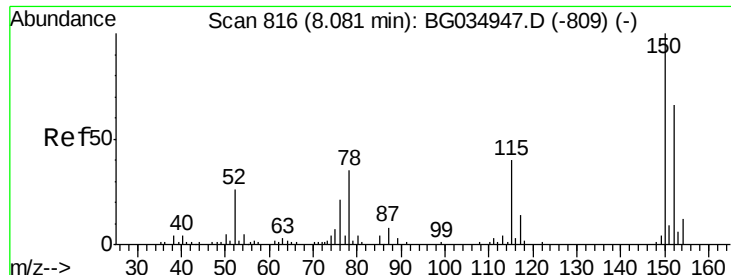
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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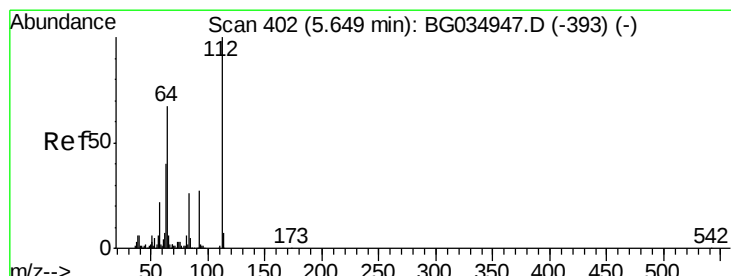
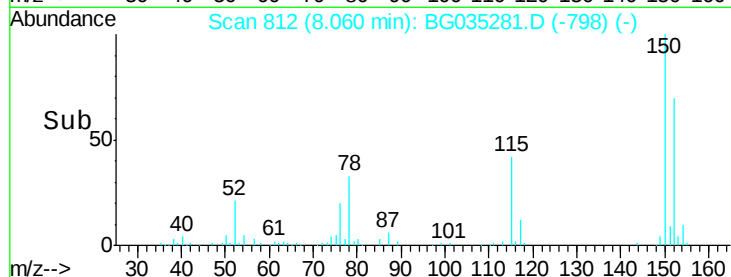
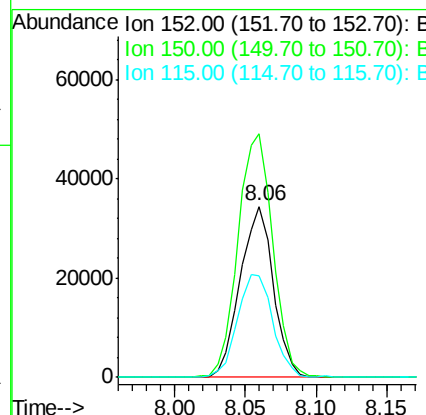
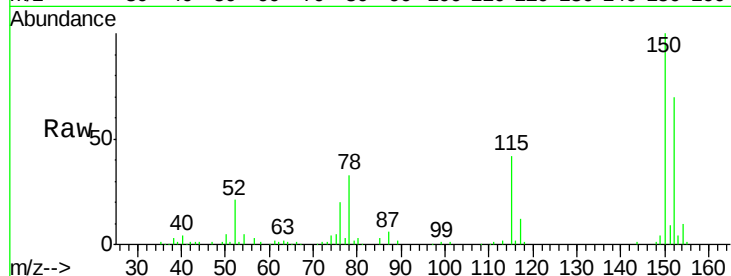




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 812
 Delta R.T. -0.02 min
 Lab File: BG035281.D
 Acq: 21 Jun 2018 2:03

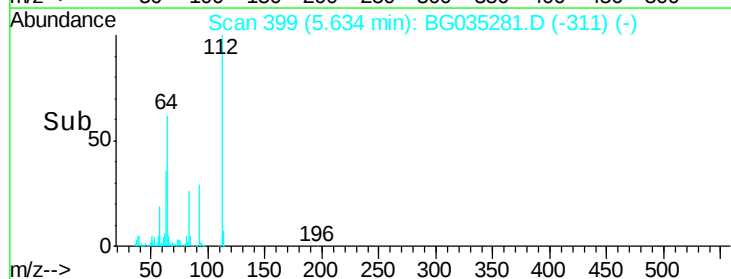
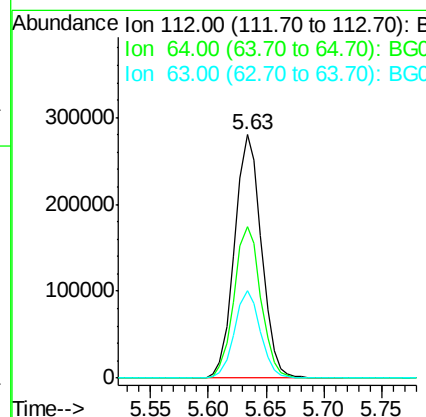
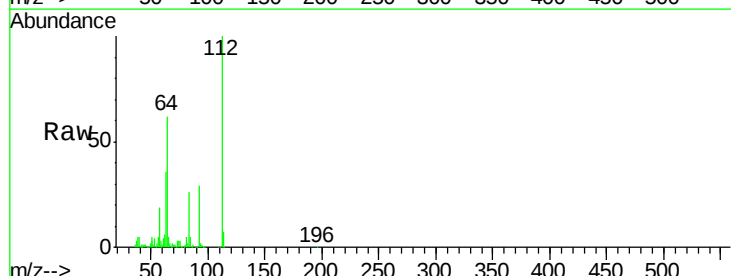
Instrument :
 BNA_G
 ClientSampleId :
 PB110428TB

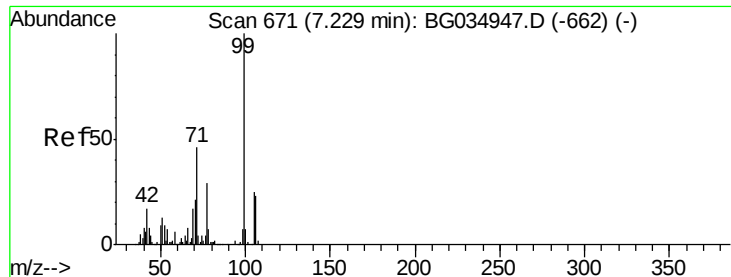
Tgt Ion:152 Resp: 56623
 Ion Ratio Lower Upper
 152 100
 150 142.6 126.6 189.8
 115 59.8 53.0 79.4



#5
 2-Fluorophenol
 Concen: 135.026 ng
 RT: 5.63 min Scan# 399
 Delta R.T. -0.01 min
 Lab File: BG035281.D
 Acq: 21 Jun 2018 2:03

Tgt Ion:112 Resp: 453042
 Ion Ratio Lower Upper
 112 100
 64 62.2 56.3 84.5
 63 36.1 30.1 45.1





#7

Phenol-d6

Concen: 129.479 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035281.D

Acq: 21 Jun 2018 2:03

Instrument :

BNA_G

ClientSampleId :

PB110428TB

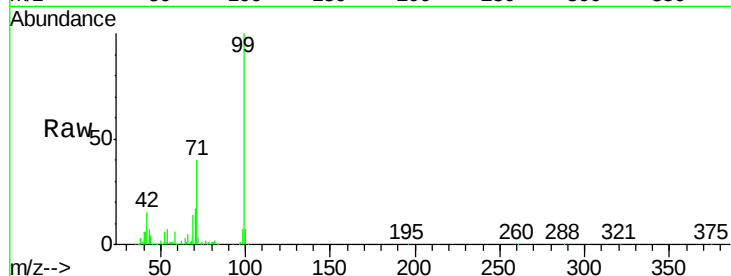
Tgt Ion: 99 Resp: 641196

Ion Ratio Lower Upper

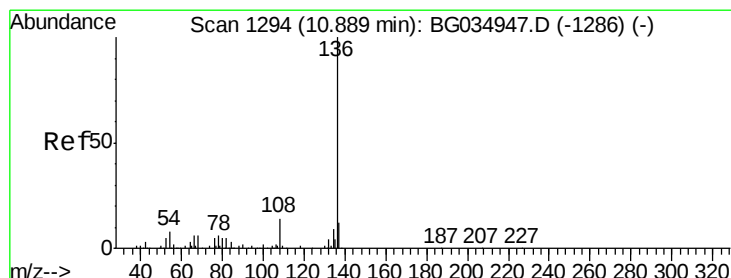
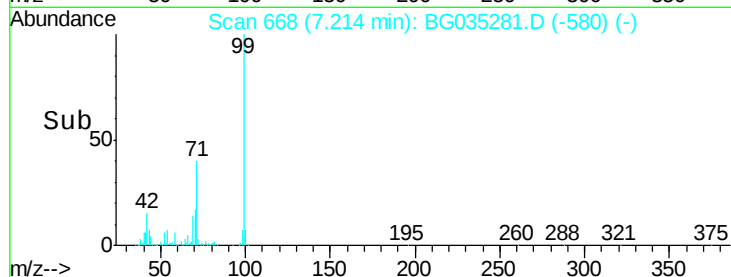
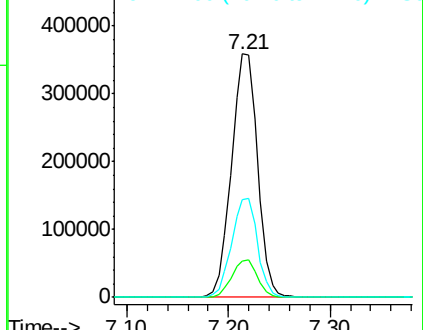
99 100

42 14.8 14.1 21.1

71 40.0 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: BG035281.D

Acq: 21 Jun 2018 2:03

Tgt Ion: 136 Resp: 198866

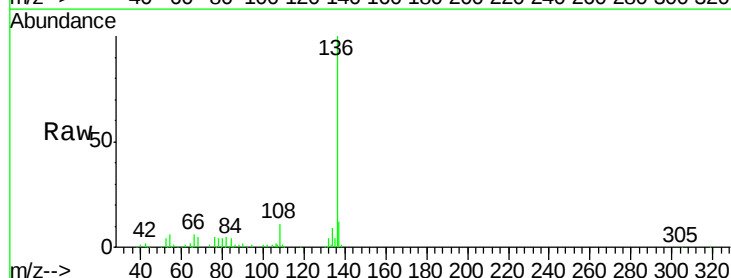
Ion Ratio Lower Upper

136 100

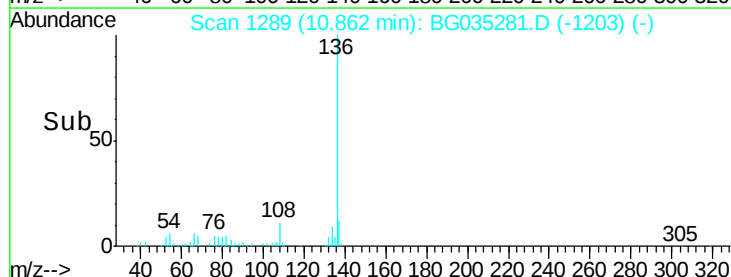
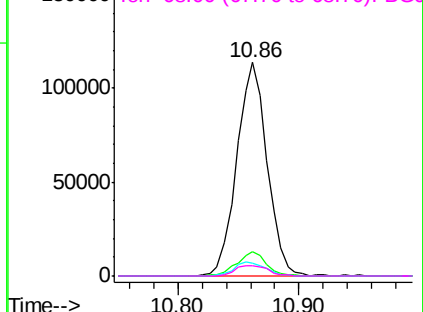
137 11.6 9.2 13.8

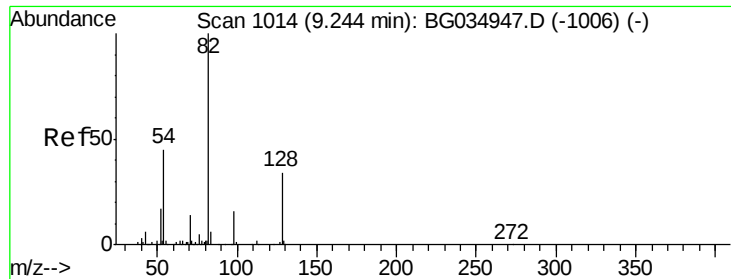
54 6.2 10.3 15.5#

68 4.8 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

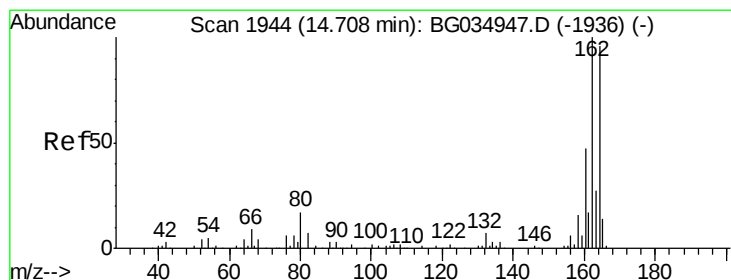
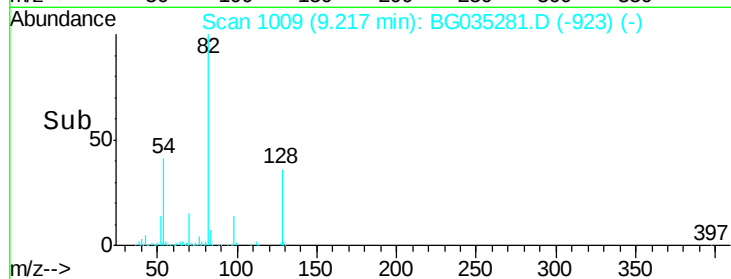
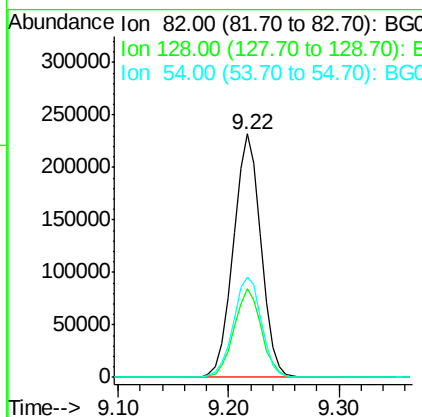
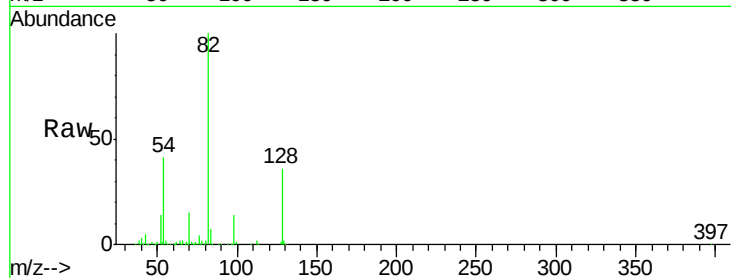




#23
 Nitrobenzene-d5
 Concen: 96.837 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.02 min
 Lab File: BG035281.D
 Acq: 21 Jun 2018 2:03

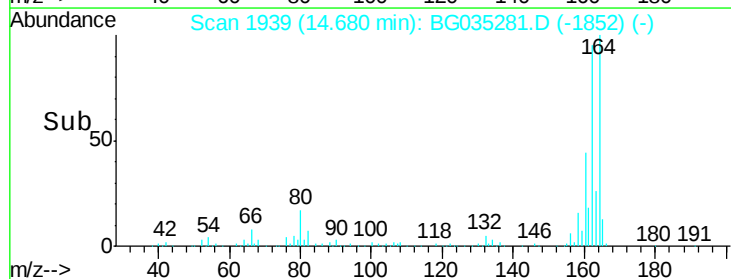
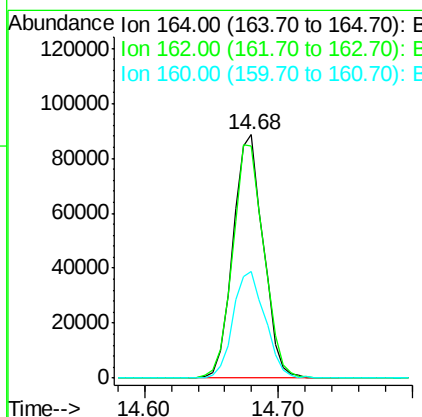
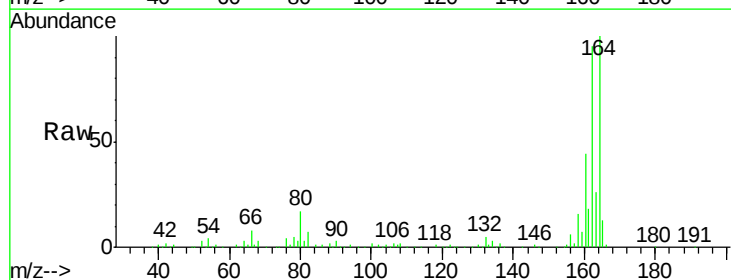
Instrument :
 BNA_G
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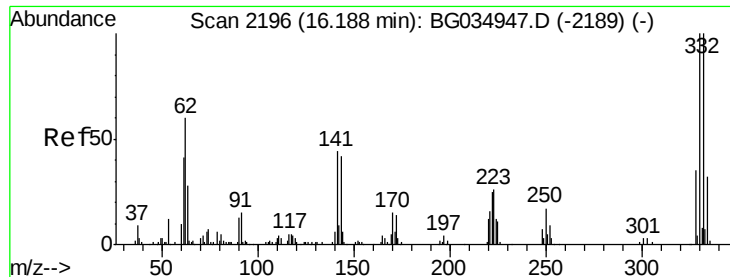
Tgt Ion: 82 Resp: 405132
 Ion Ratio Lower Upper
 82 100
 128 36.2 29.7 44.5
 54 41.0 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.02 min
 Lab File: BG035281.D
 Acq: 21 Jun 2018 2:03

Tgt Ion: 164 Resp: 138837
 Ion Ratio Lower Upper
 164 100
 162 95.4 78.8 118.2
 160 44.1 35.4 53.0

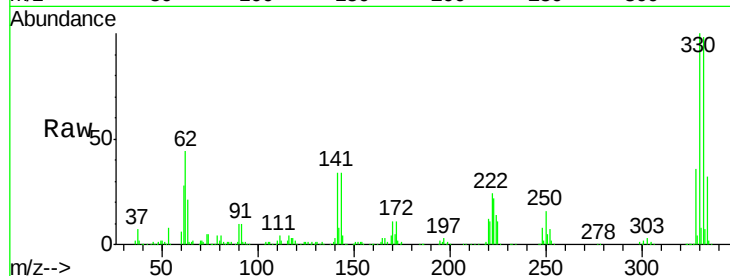




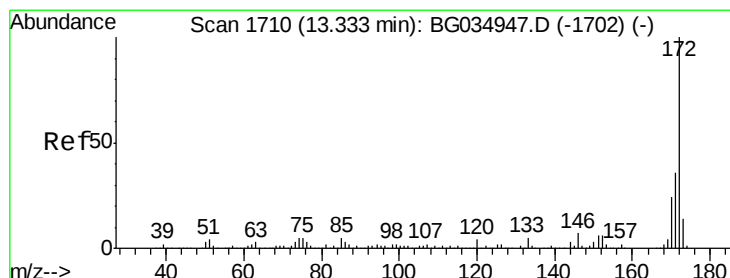
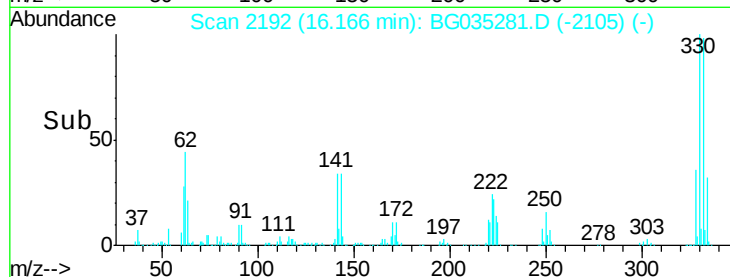
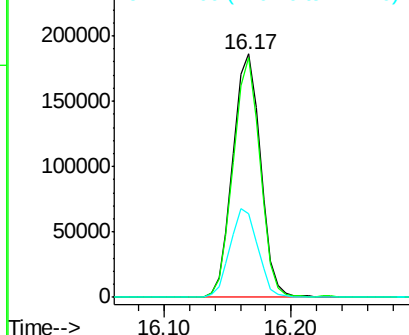
#41
 2,4,6-Tribromophenol
 Concen: 158.643 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BG035281.D
 Acq: 21 Jun 2018 2:03

Instrument :
 BNA_G
 ClientSampleId :
 PB110428TB

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	36.5	25.2	37.8

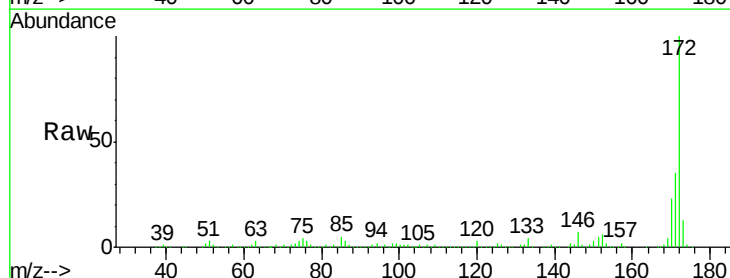


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

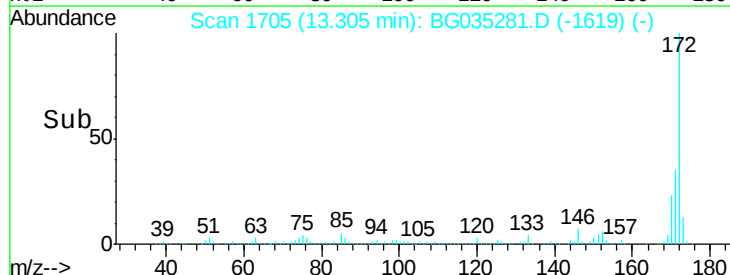
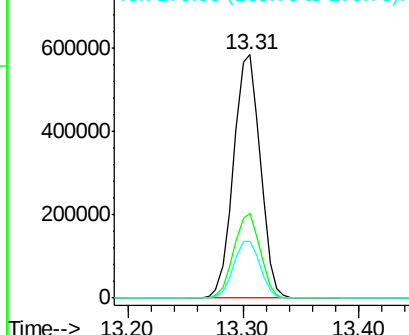


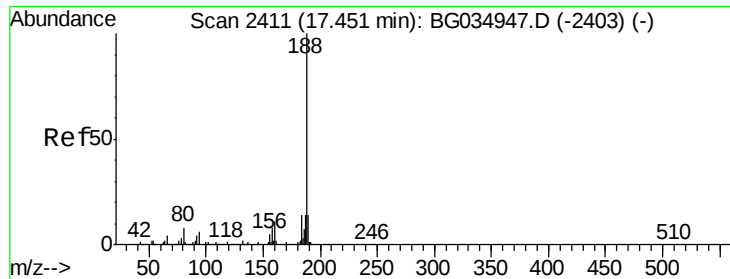
#44
 2-Fluorobiphenyl
 Concen: 87.677 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG035281.D
 Acq: 21 Jun 2018 2:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	30.0	45.0
170	23.1	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: BG035281.D

Acq: 21 Jun 2018 2:03

Instrument :

BNA_G

ClientSampleId :

PB110428TB

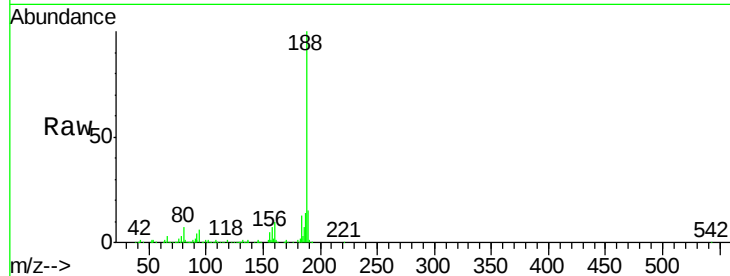
Tgt Ion:188 Resp: 376859

Ion Ratio Lower Upper

188 100

94 6.3 6.9 10.3#

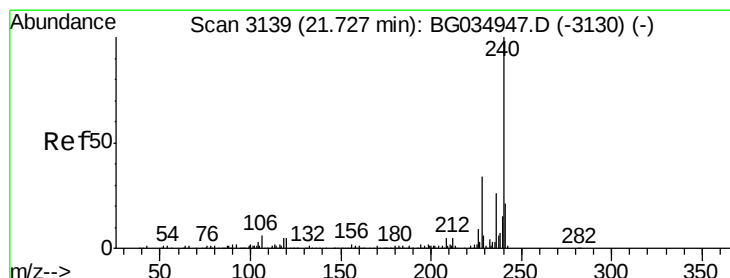
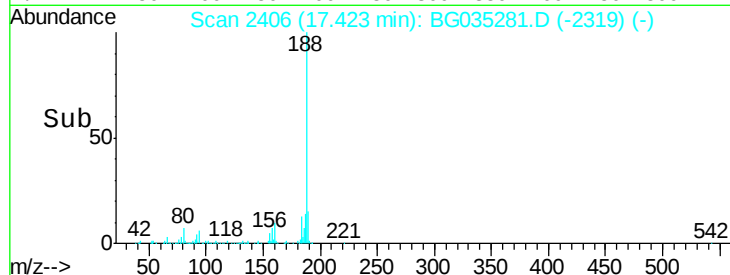
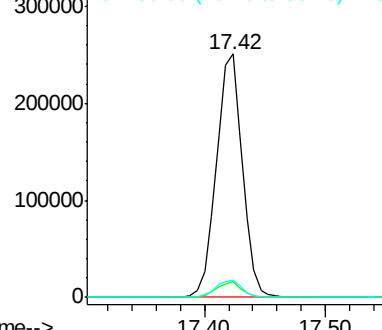
80 7.0 7.7 11.5#



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3132

Delta R.T. -0.03 min

Lab File: BG035281.D

Acq: 21 Jun 2018 2:03

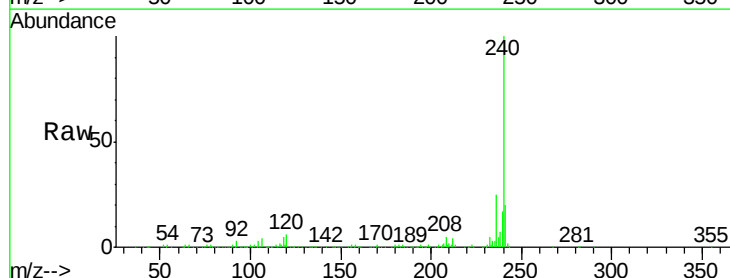
Tgt Ion:240 Resp: 419270

Ion Ratio Lower Upper

240 100

120 5.6 6.8 10.2#

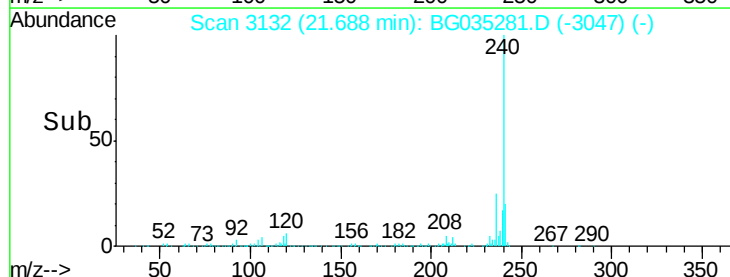
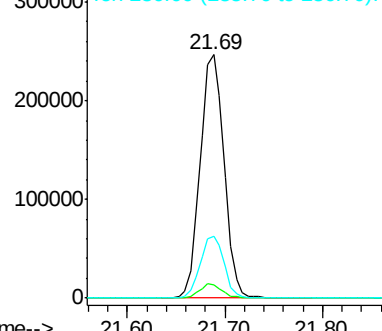
236 25.3 20.9 31.3

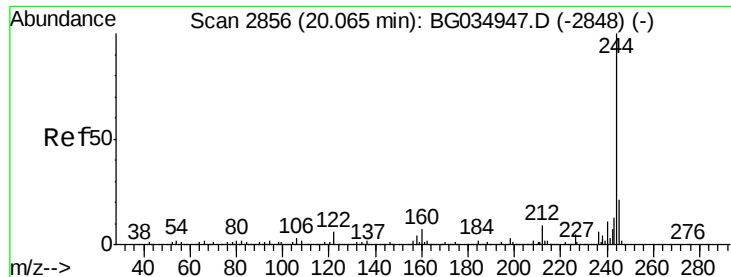


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 85.417 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035281.D

Acq: 21 Jun 2018 2:03

Instrument :

BNA_G

ClientSampleId :

PB110428TB

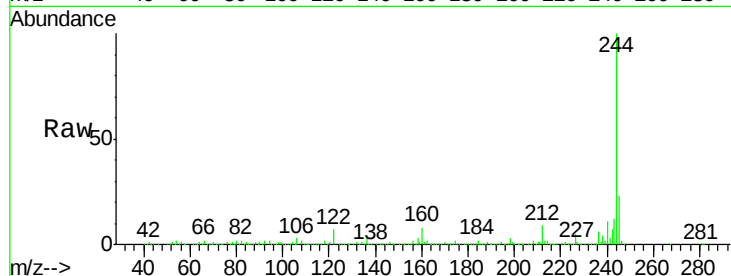
Tgt Ion:244 Resp: 1709707

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

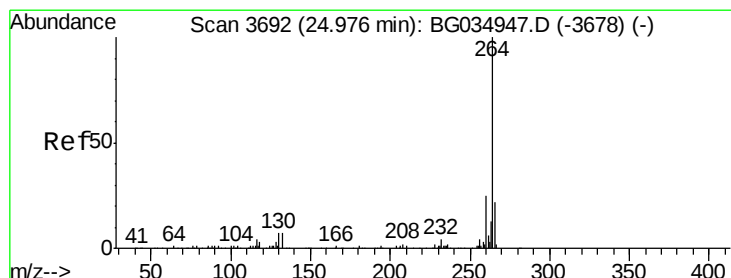
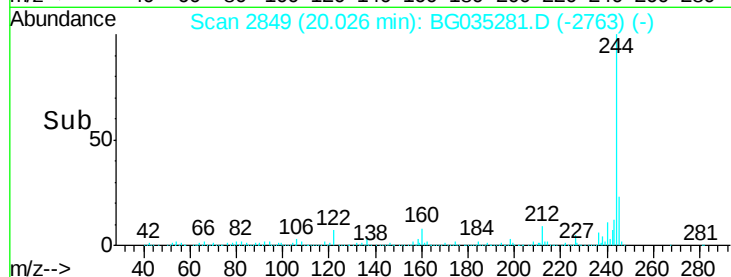
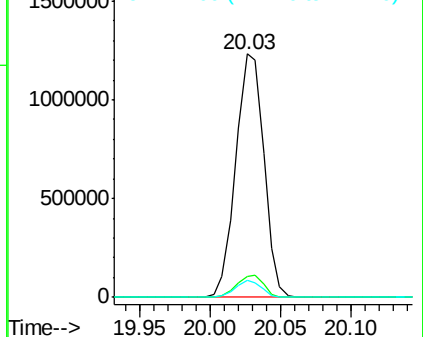
122 6.9 7.0 10.4#



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: BG035281.D

Acq: 21 Jun 2018 2:03

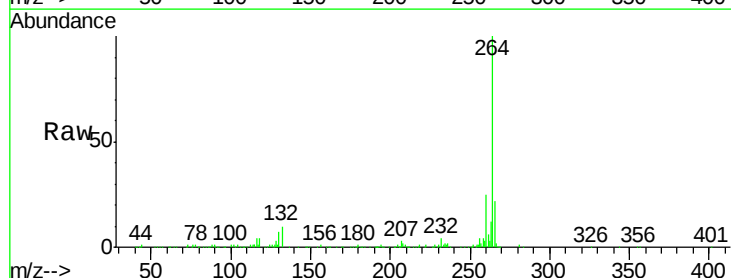
Tgt Ion:264 Resp: 392805

Ion Ratio Lower Upper

264 100

260 24.6 17.4 26.0

265 22.5 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

