

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061518\
 Data File : BG035205.D
 Acq On : 16 Jun 2018 13:05
 Operator : SJ/JU
 Sample : J3501-12
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-9

Quant Time: Jun 18 02:29:10 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

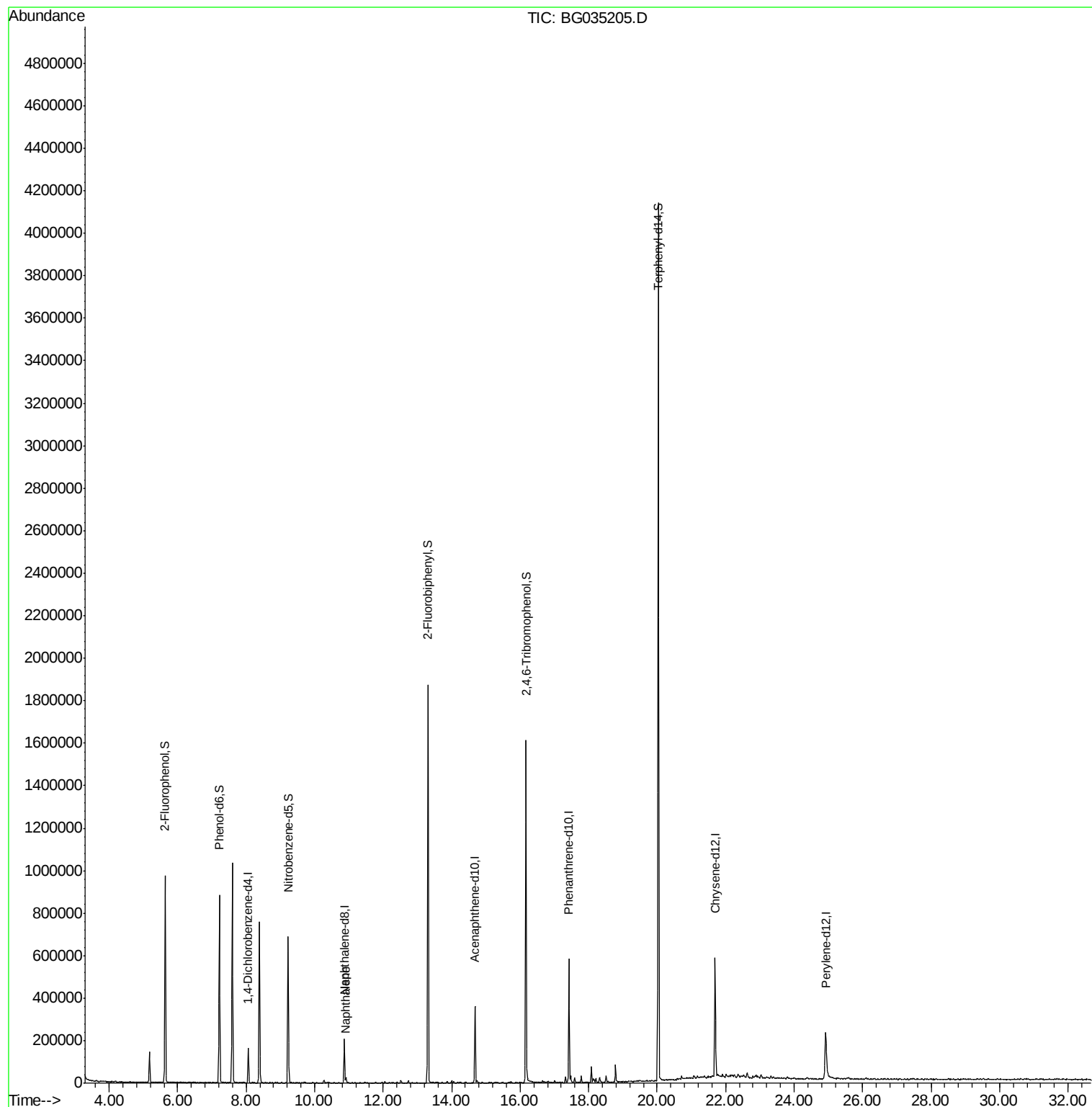
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	44074	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	169907	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	128965	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	351423	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	377261	20.00	ng	-0.02
86) Perylene-d12	24.92	264	312519	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	406010	155.46	ng	0.00
7) Phenol-d6	7.22	99	550442	142.80	ng	0.00
23) Nitrobenzene-d5	9.22	82	454192	127.07	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	304369	184.36	ng	-0.02
44) 2-Fluorobiphenyl	13.31	172	1029175	103.74	ng	-0.02
78) Terphenyl-d14	20.03	244	1942004	107.83	ng	-0.02
Target Compounds						
31) Naphthalene	10.92	128	19107	2.165	ng	Qvalue # 88

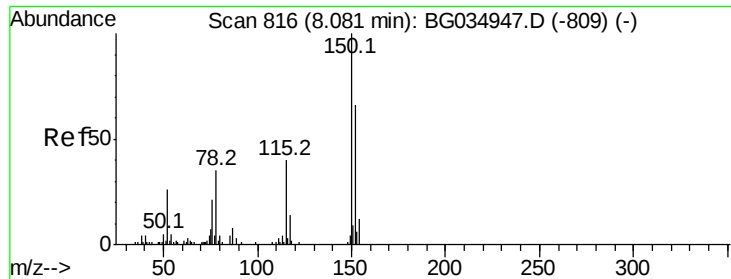
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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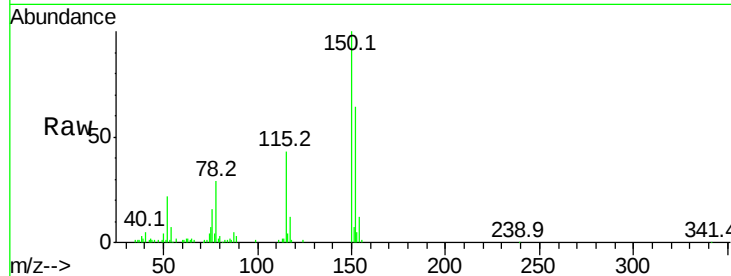


#1

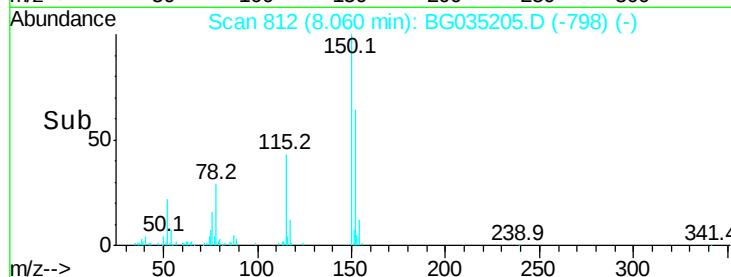
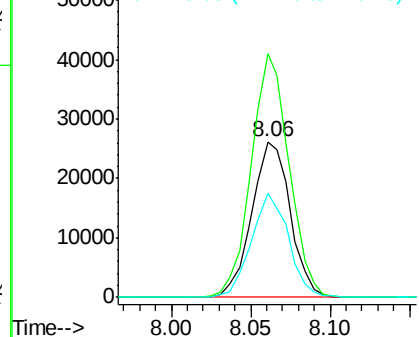
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035205.D
Acq: 16 Jun 2018 13:05

Instrument :
BNA_G
ClientSampleId :
TP-9

Tot Ion:152 Resp: 44074
Ion Ratio Lower Upper
152 100
150 156.2 126.6 189.8
115 67.1 53.0 79.4



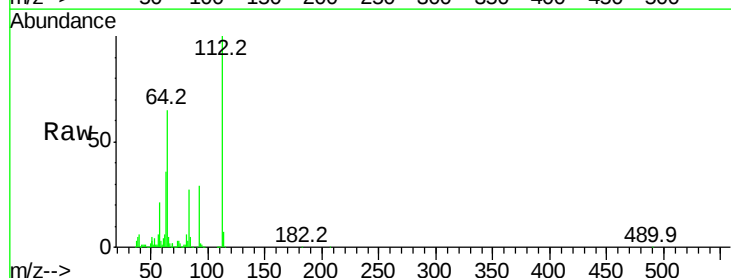
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



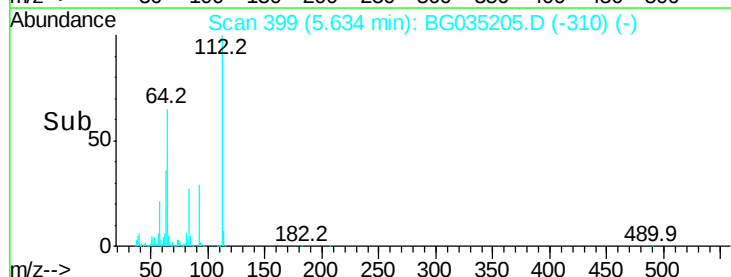
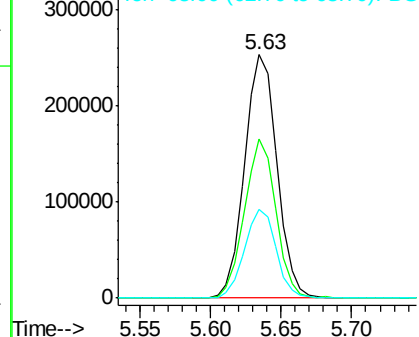
#5

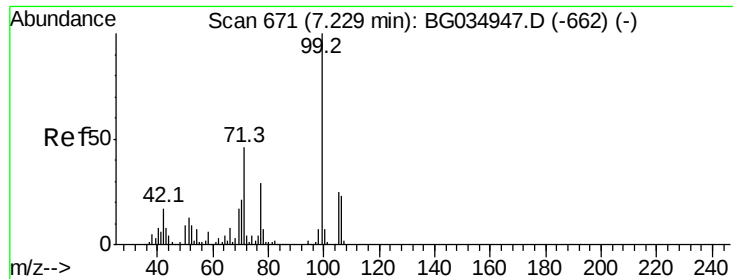
2-Fluorophenol
Concen: 155.463 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035205.D
Acq: 16 Jun 2018 13:05

Tgt Ion:112 Resp: 406010
Ion Ratio Lower Upper
112 100
64 65.3 56.3 84.5
63 36.3 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: 142.801 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG035205.D

Acq: 16 Jun 2018 13:05

Instrument :

BNA_G

ClientSampleId :

TP-9

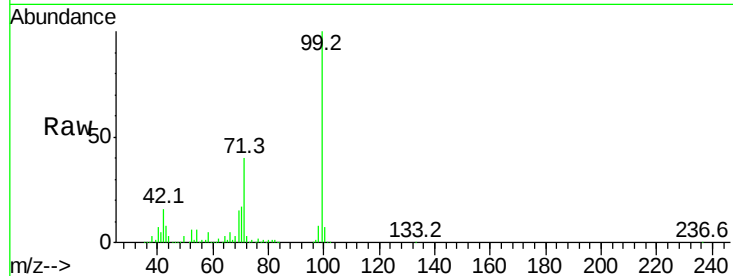
Tot Ion: 99 Resp: 550442

Ion Ratio Lower Upper

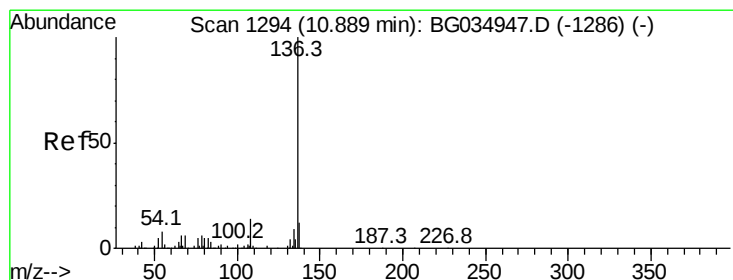
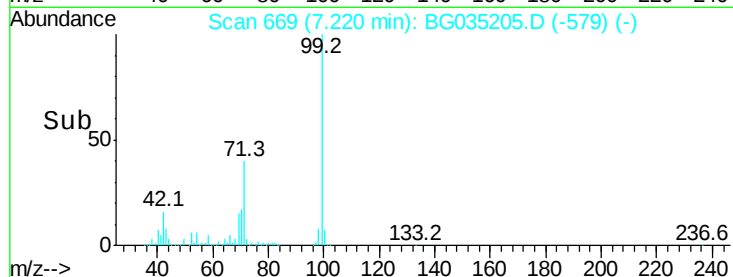
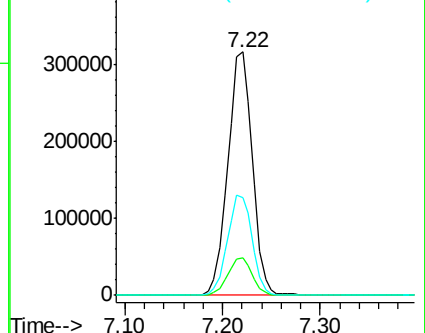
99 100

42 15.7 14.1 21.1

71 40.1 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: 10.87 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BG035205.D

Acq: 16 Jun 2018 13:05

Tgt Ion: 136 Resp: 169907

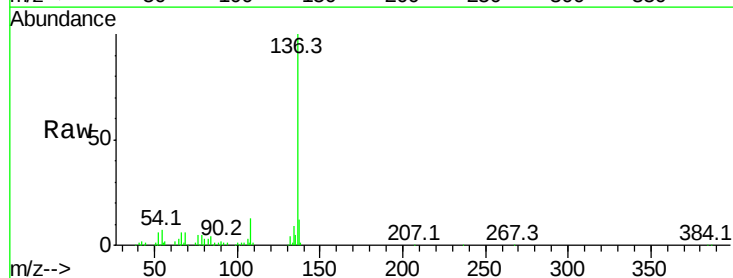
Ion Ratio Lower Upper

136 100

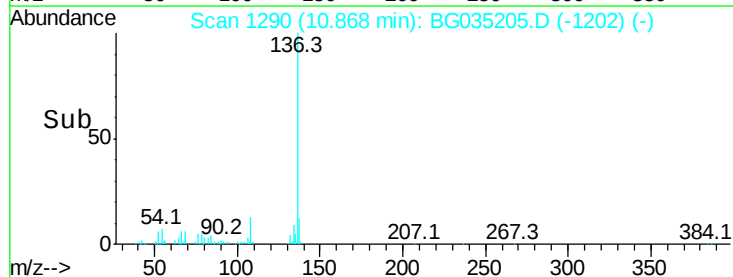
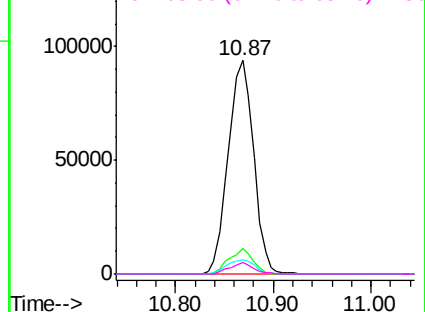
137 12.0 9.2 13.8

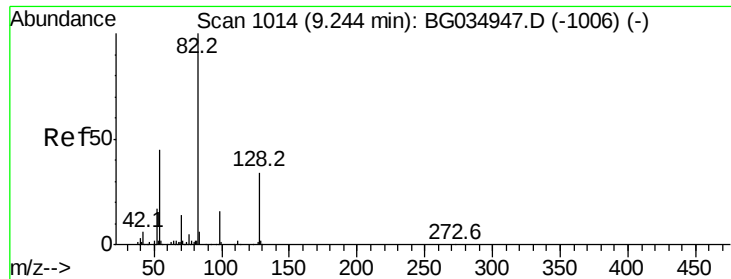
54 6.8 10.3 15.5#

68 5.6 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

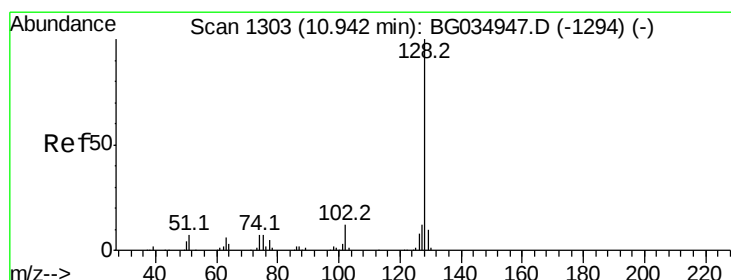
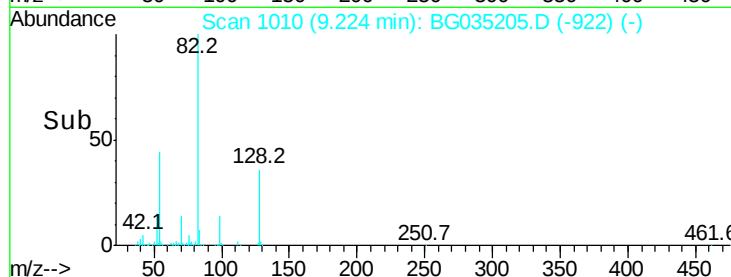
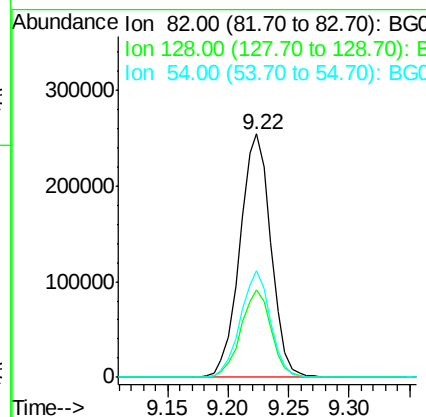
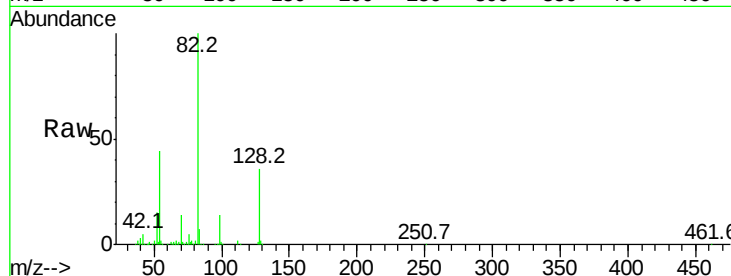




#23
 Nitrobenzene-d5
 Concen: 127.068 ng
 RT: 9.22 min Scan# 1010
 Delta R.T. -0.02 min
 Lab File: BG035205.D
 Acq: 16 Jun 2018 13:05

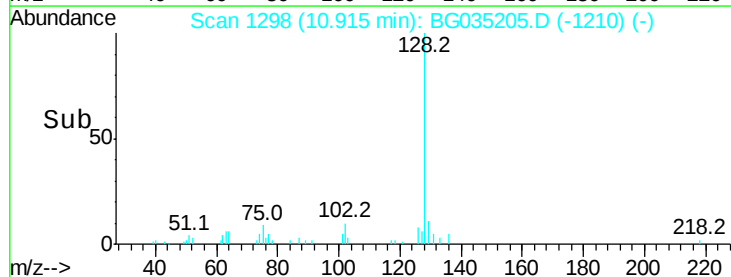
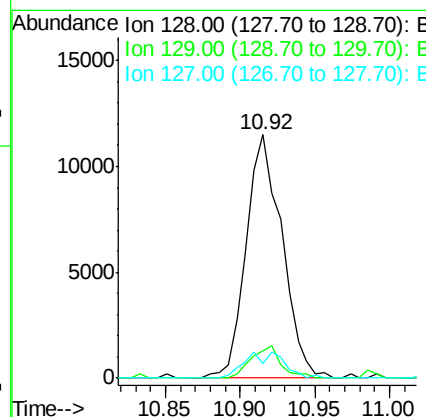
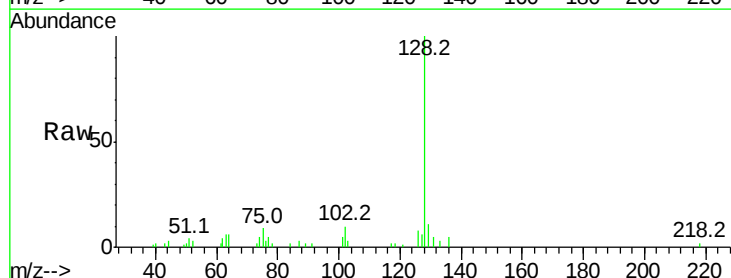
Instrument :
 BNA_G
 ClientSampleId :
 TP-9

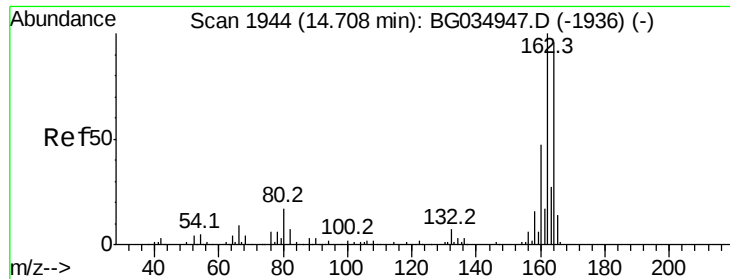
Tot Ion: 82 Resp: 454192
 Ion Ratio Lower Upper
 82 100
 128 35.7 29.7 44.5
 54 43.8 43.1 64.7



#31
 Naphthalene
 Concen: 2.165 ng
 RT: 10.92 min Scan# 1298
 Delta R.T. -0.02 min
 Lab File: BG035205.D
 Acq: 16 Jun 2018 13:05

Tgt Ion: 128 Resp: 19107
 Ion Ratio Lower Upper
 128 100
 129 11.3 8.6 12.8
 127 6.0 11.6 17.4#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.02 min

Lab File: BG035205.D

Acq: 16 Jun 2018 13:05

Instrument :

BNA_G

ClientSampleId :

TP-9

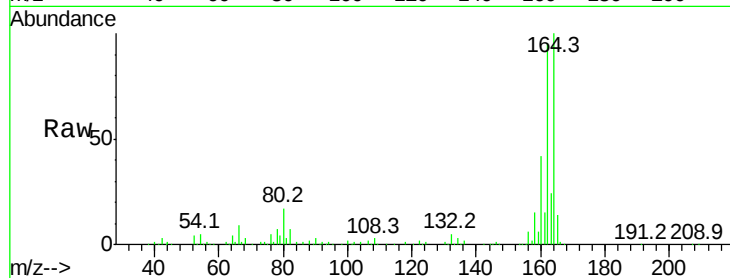
Tot Ion:164 Resp: 128965

Ion Ratio Lower Upper

164 100

162 94.6 78.8 118.2

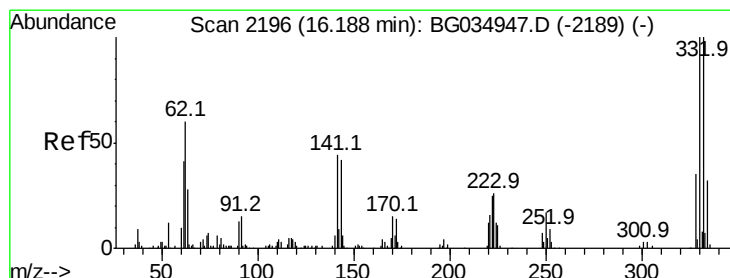
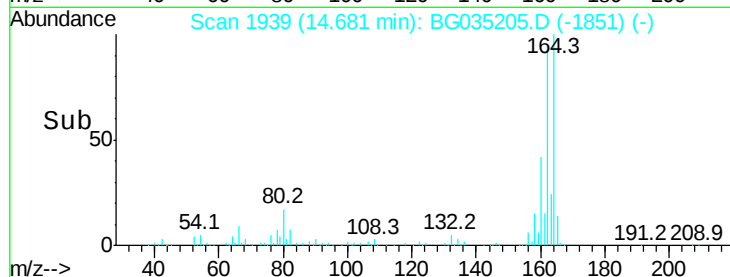
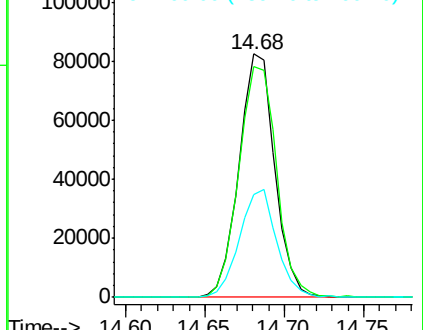
160 42.2 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 184.364 ng

RT: 16.17 min Scan# 2192

Delta R.T. -0.02 min

Lab File: BG035205.D

Acq: 16 Jun 2018 13:05

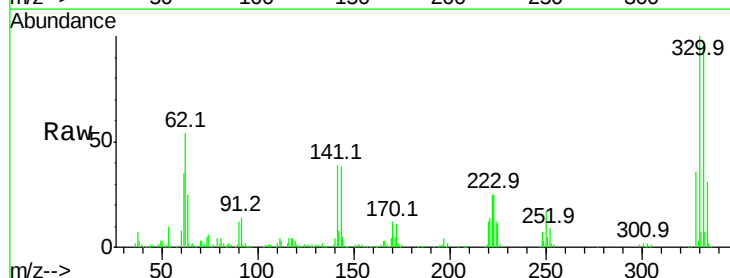
Tgt Ion:330 Resp: 304369

Ion Ratio Lower Upper

330 100

332 95.0 77.0 115.6

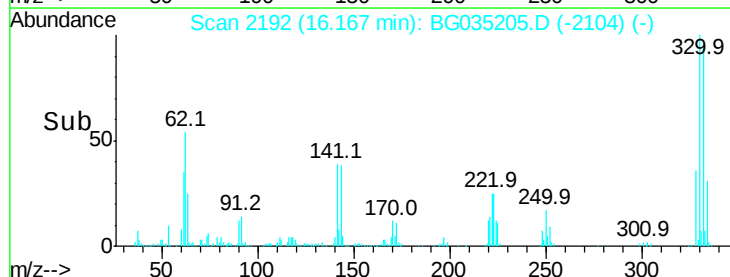
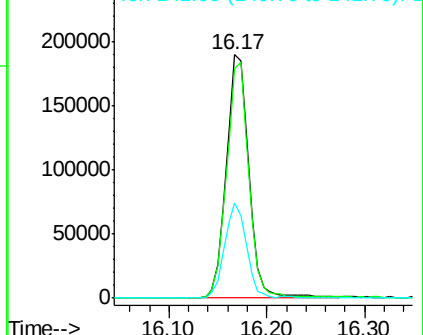
141 38.0 25.2 37.8#

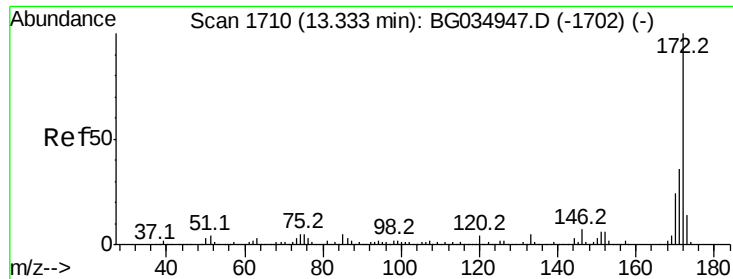


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



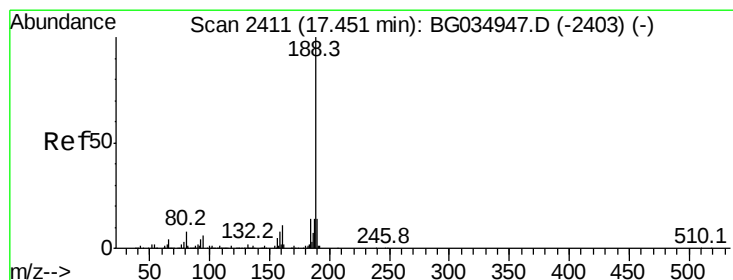
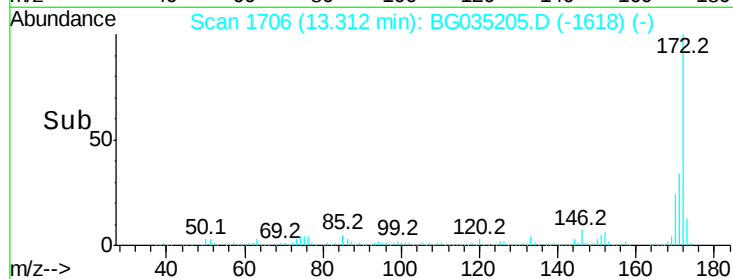
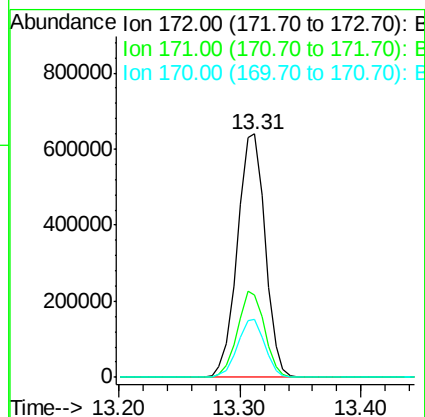
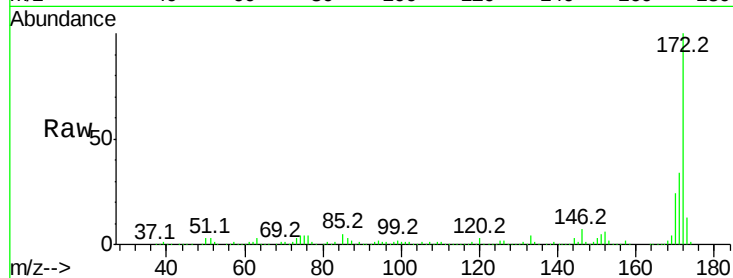


#44
 2-Fluorobiphenyl
 Concen: 103.743 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035205.D
 Acq: 16 Jun 2018 13:05

Instrument :
 BNA_G
 ClientSampleId :
 TP-9

Tot Ion:172 Resp: 1029175

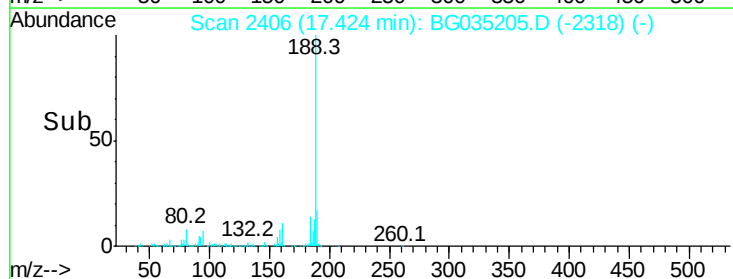
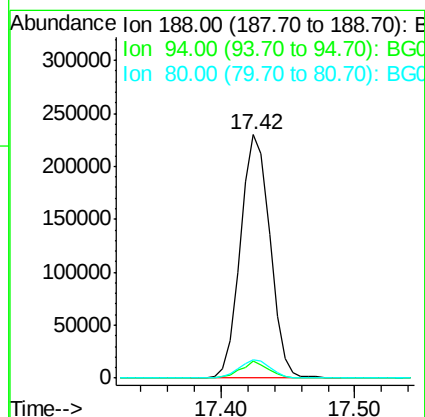
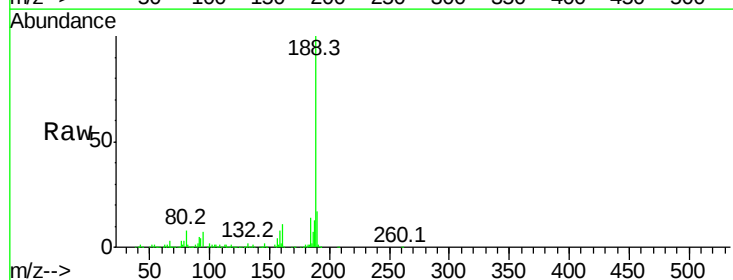
Ion	Ratio	Lower	Upper
172	100		
171	34.0	30.0	45.0
170	23.7	19.5	29.3

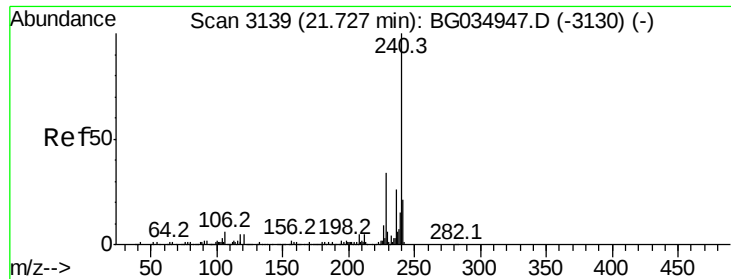


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.02 min
 Lab File: BG035205.D
 Acq: 16 Jun 2018 13:05

Tgt Ion:188 Resp: 351423

Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.9	10.3
80	7.5	7.7	11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3133

Delta R.T. -0.02 min

Lab File: BG035205.D

Acq: 16 Jun 2018 13:05

Instrument :

BNA_G

ClientSampled :

TP-9

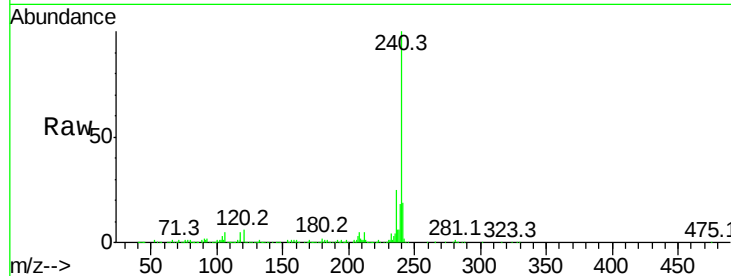
Tot Ion:240 Resp: 377261

Ion Ratio Lower Upper

240 100

120 5.6 6.8 10.2#

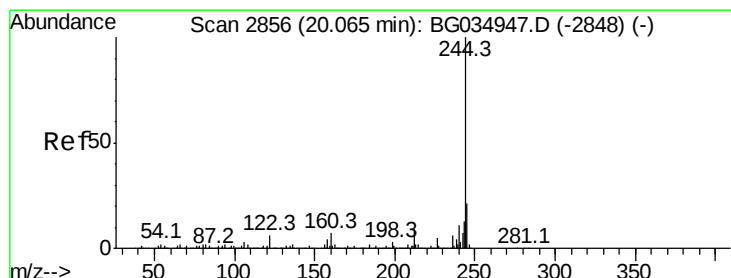
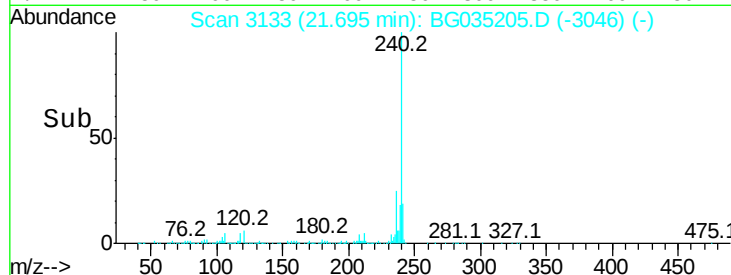
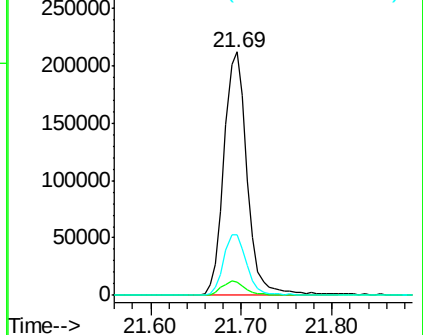
236 24.9 20.9 31.3



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: 107.826 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035205.D

Acq: 16 Jun 2018 13:05

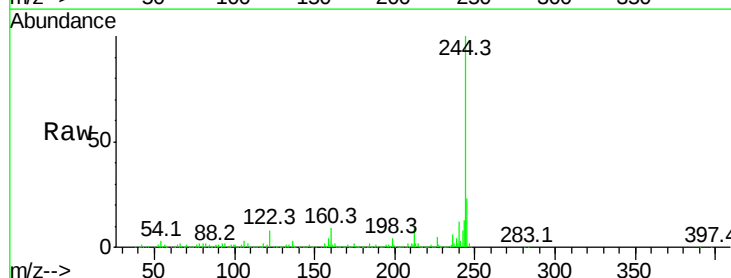
Tgt Ion:244 Resp: 1942004

Ion Ratio Lower Upper

244 100

212 10.1 5.8 8.8#

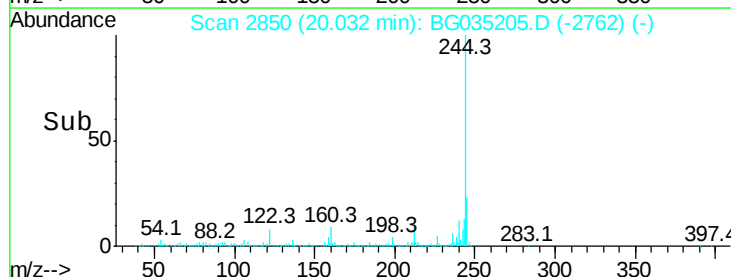
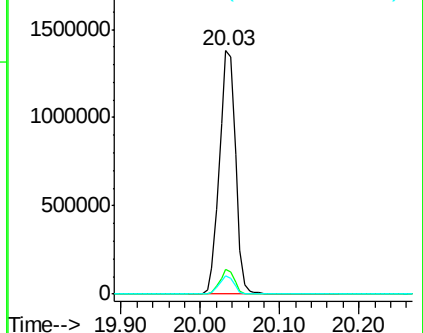
122 7.7 7.0 10.4

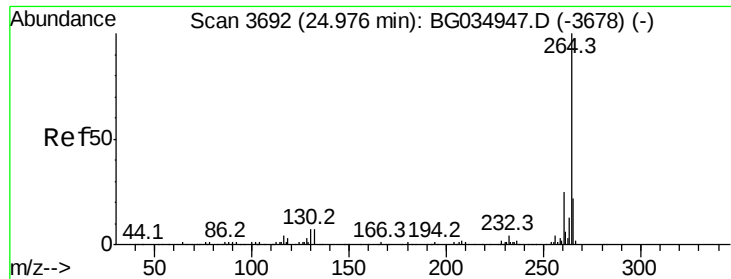


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

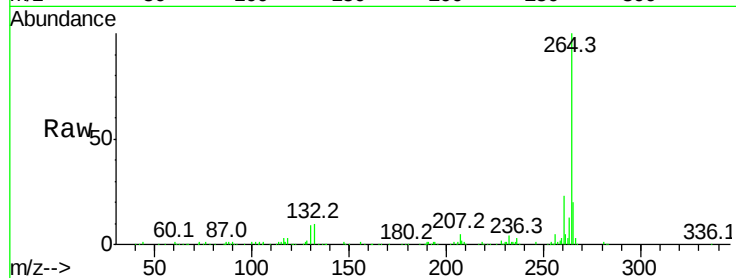




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.92 min Scan# 3682
 Delta R.T. -0.03 min
 Lab File: BG035205.D
 Acq: 16 Jun 2018 13:05

Instrument :
 BNA_G
 ClientSampleId :
 TP-9

Tot Ion: 264 Resp: 312519
 Ion Ratio Lower Upper
 264 100
 260 22.6 17.4 26.0
 265 20.4 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

