

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020317\
 Data File : BG025775.D
 Acq On : 3 Feb 2017 2:11
 Operator : SJ/MA
 Sample : I1658-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-COMP-1A-0-2FT

Quant Time: Feb 03 04:47:03 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 18:29:38 2017
 Response via : Initial Calibration

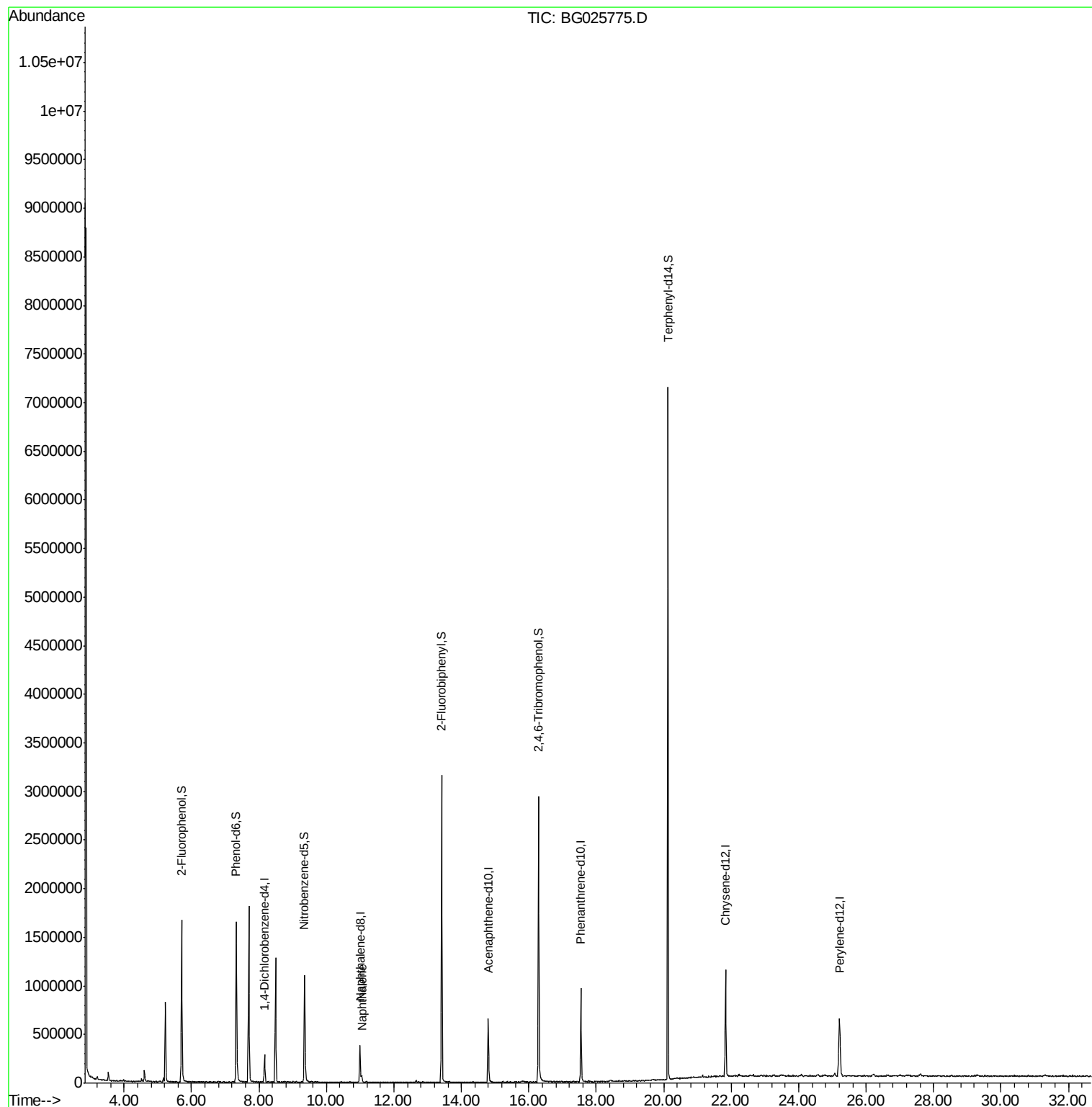
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	72735	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	322163	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	256365	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	589682	20.00	ng	0.00
75) Chrysene-d12	21.83	240	738781	20.00	ng	0.00
86) Perylene-d12	25.21	264	707837	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	663207	163.42	ng	0.00
7) Phenol-d6	7.33	99	905037	152.69	ng	0.00
23) Nitrobenzene-d5	9.35	82	746692	97.93	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	552621	151.15	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1511504	95.76	ng	0.00
78) Terphenyl-d14	20.12	244	2712217	88.61	ng	0.00
Target Compounds						
31) Naphthalene	11.05	128	46876	2.80	ng	Qvalue 96

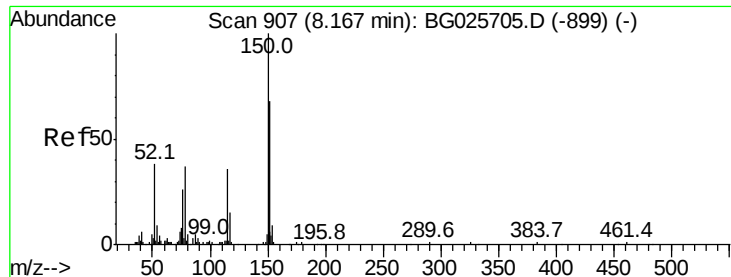
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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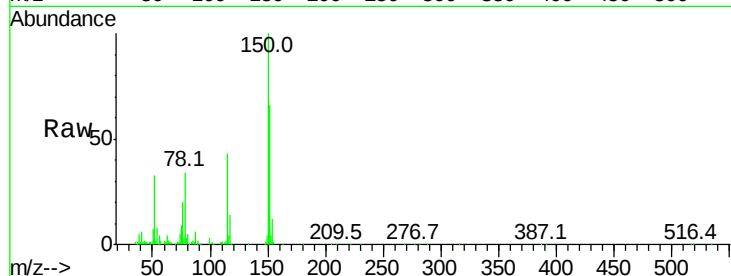


#1

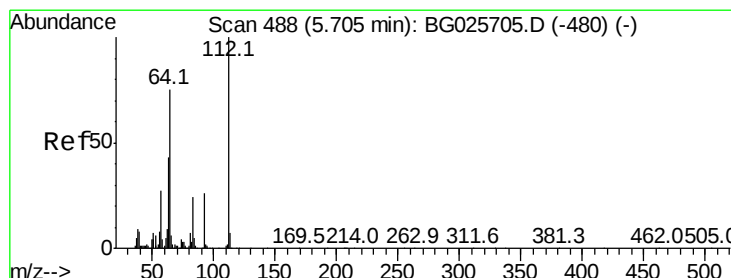
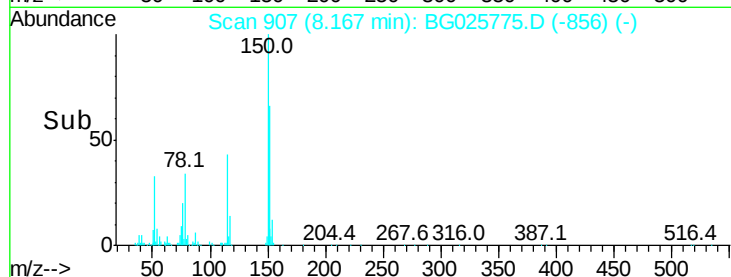
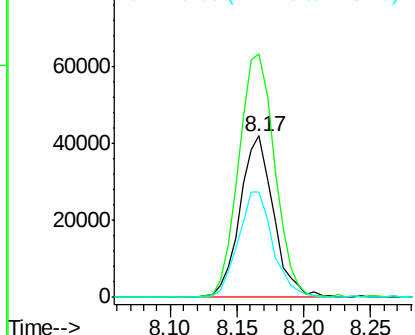
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 907
Delta R.T. -0.00 min
Lab File: BG025775.D
Acq: 3 Feb 2017 2:11

Instrument :
BNA_G
ClientSampleId :
SP-COMP-1A-0-2FT

Tot Ion:152 Resp: 72735
Ion Ratio Lower Upper
152 100
150 150.8 114.0 171.0
115 65.1 48.1 72.1



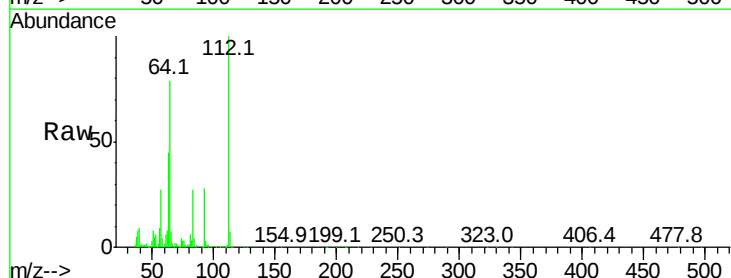
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



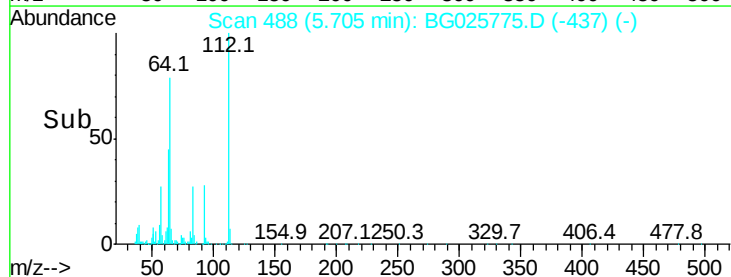
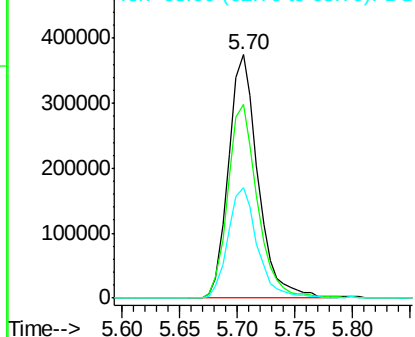
#5

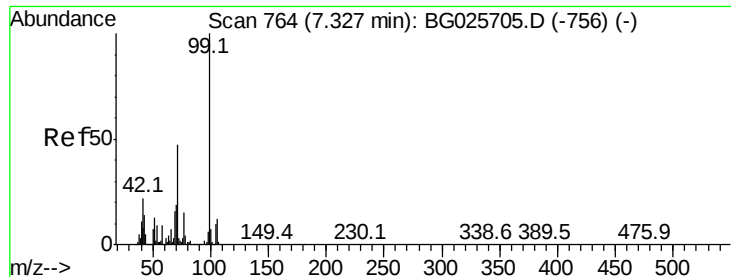
2-Fluorophenol
Concen: 163.42 ng
RT: 5.70 min Scan# 488
Delta R.T. -0.00 min
Lab File: BG025775.D
Acq: 3 Feb 2017 2:11

Tgt Ion:112 Resp: 663207
Ion Ratio Lower Upper
112 100
64 79.5 61.8 92.6
63 45.2 37.2 55.8



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: 152.69 ng

RT: 7.33 min Scan# 764

Delta R.T. -0.00 min

Lab File: BG025775.D

Acq: 3 Feb 2017 2:11

Instrument :

BNA_G

ClientSampleId :

SP-COMP-1A-0-2FT

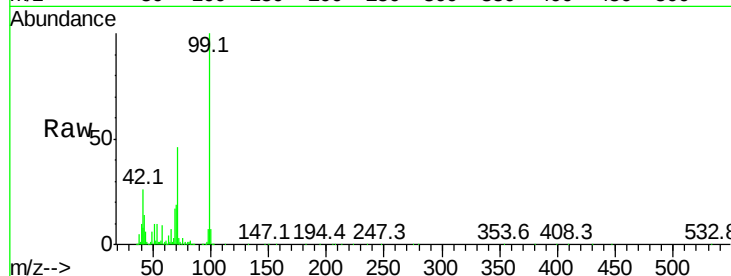
Tot Ion: 99 Resp: 905037

Ion Ratio Lower Upper

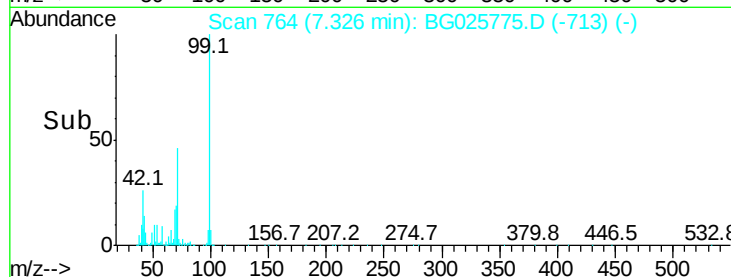
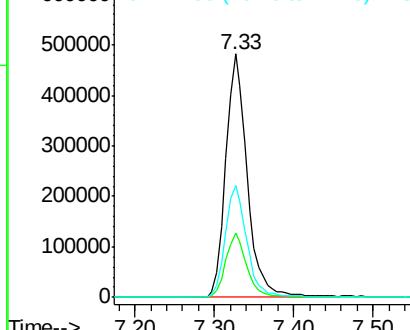
99 100

42 26.2 20.5 30.7

71 46.0 37.6 56.4



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: 20.00 ng

RT: 10.99 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BG025775.D

Acq: 3 Feb 2017 2:11

Tgt Ion: 136 Resp: 322163

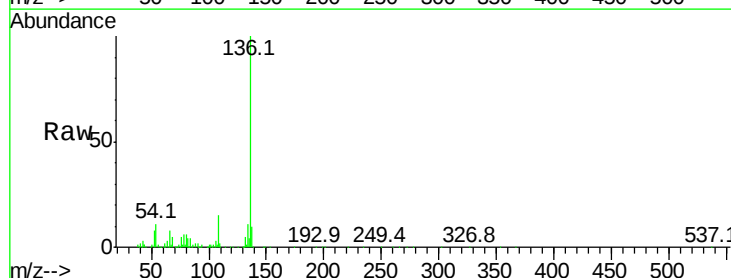
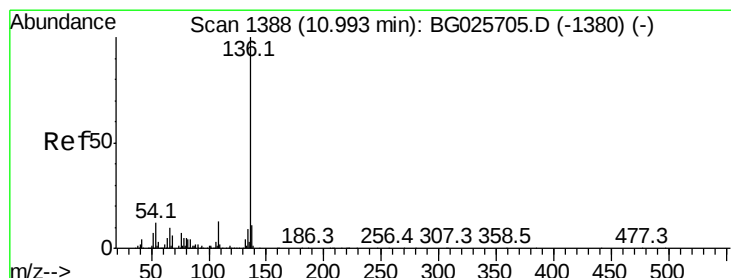
Ion Ratio Lower Upper

136 100

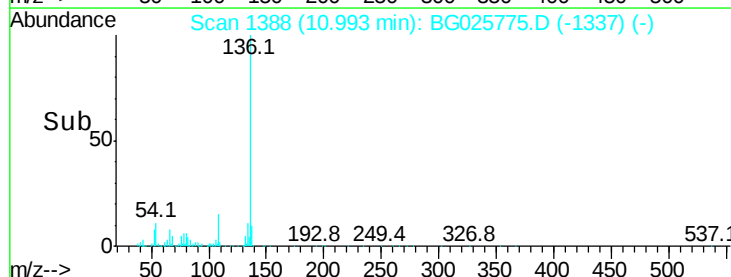
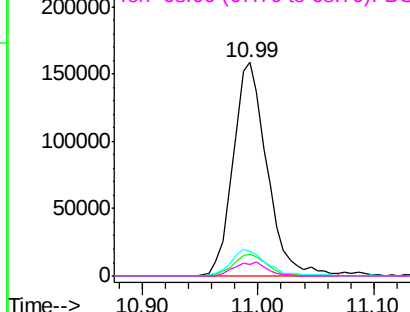
137 10.5 8.9 13.3

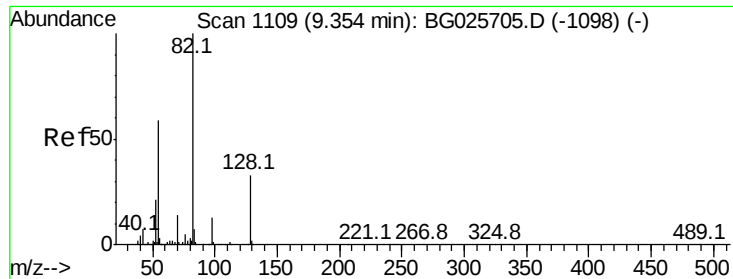
54 11.1 9.3 13.9

68 5.2 5.1 7.7



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

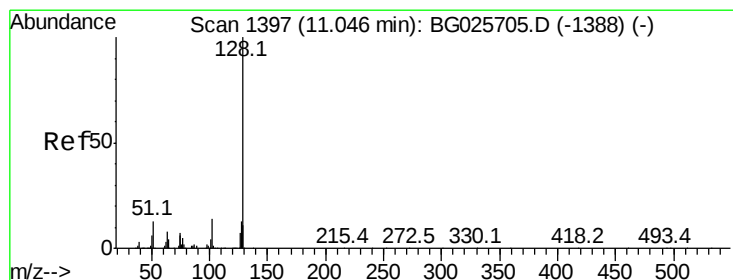
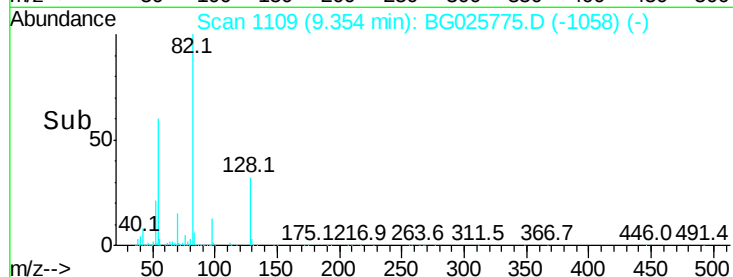
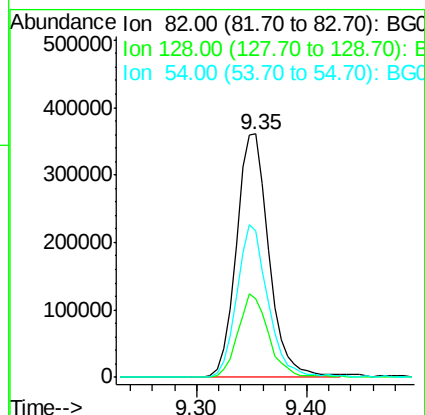
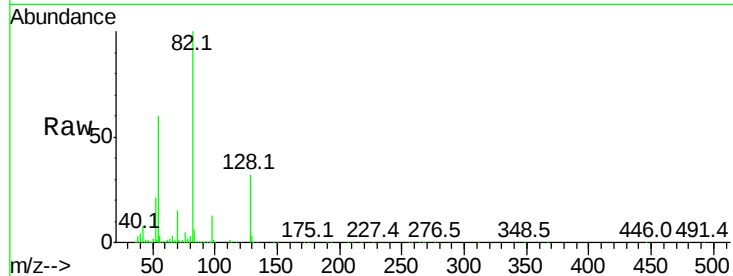




#23
Nitrobenzene-d5
Concen: 97.93 ng
RT: 9.35 min Scan# 1109
Delta R.T. -0.00 min
Lab File: BG025775.D
Acq: 3 Feb 2017 2:11

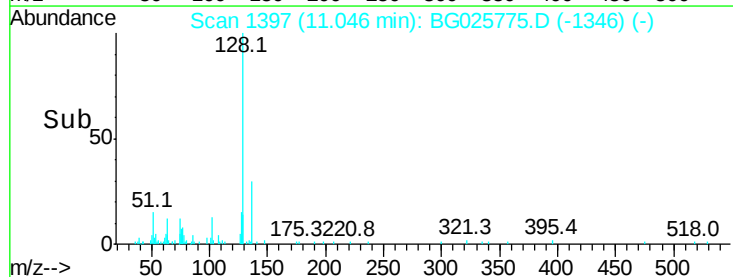
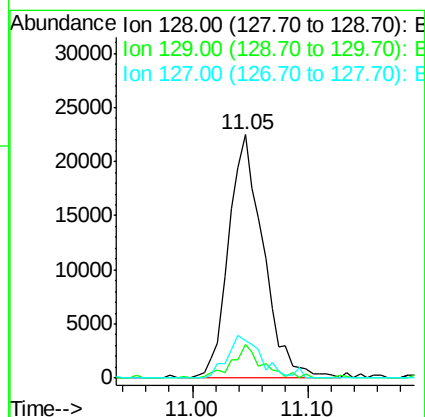
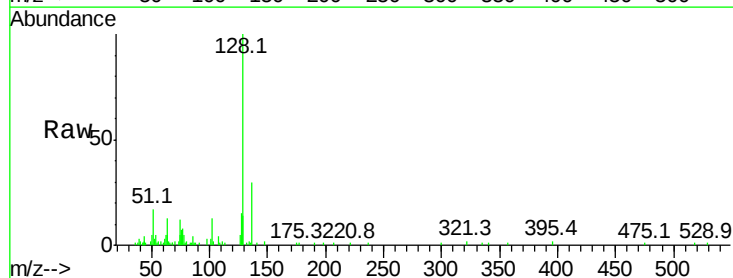
Instrument :
BNA_G
ClientSampleId :
SP-COMP-1A-0-2FT

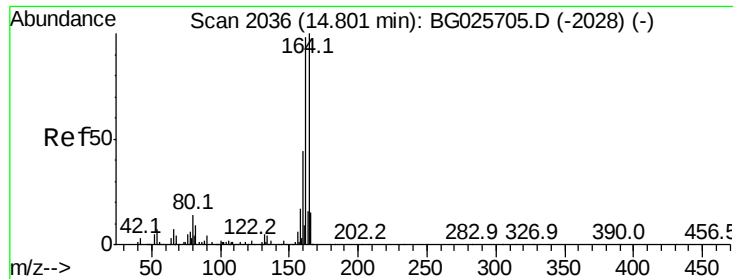
Tot Ion	82	Resp	746692
Ion Ratio	100	Lower	Upper
128	32.1	26.4	39.6
54	60.1	49.4	74.2



#31
Naphthalene
Concen: 2.80 ng
RT: 11.05 min Scan# 1397
Delta R.T. -0.00 min
Lab File: BG025775.D
Acq: 3 Feb 2017 2:11

Tgt Ion	128	Resp	46876
Ion Ratio	100	Lower	Upper
129	13.9	9.3	13.9
127	15.3	11.4	17.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BG025775.D

Acq: 3 Feb 2017 2:11

Instrument :

BNA_G

ClientSampleId :

SP-COMP-1A-0-2FT

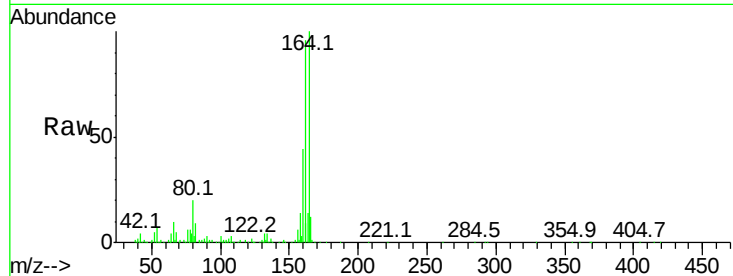
Tot Ion:164 Resp: 256365

Ion Ratio Lower Upper

164 100

162 95.8 85.1 127.7

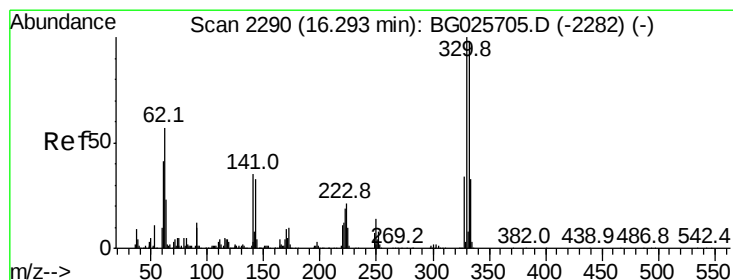
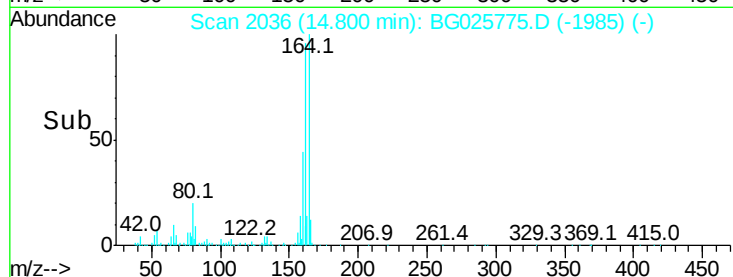
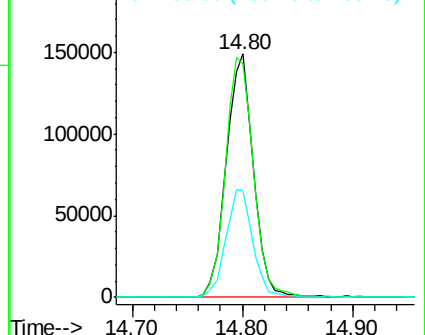
160 43.6 34.7 52.1



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: 151.15 ng

RT: 16.29 min Scan# 2289

Delta R.T. -0.01 min

Lab File: BG025775.D

Acq: 3 Feb 2017 2:11

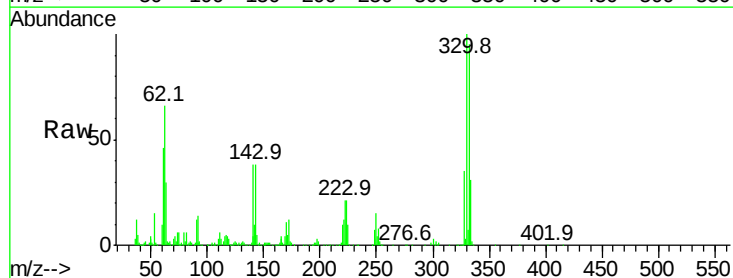
Tgt Ion:330 Resp: 552621

Ion Ratio Lower Upper

330 100

332 96.1 77.3 115.9

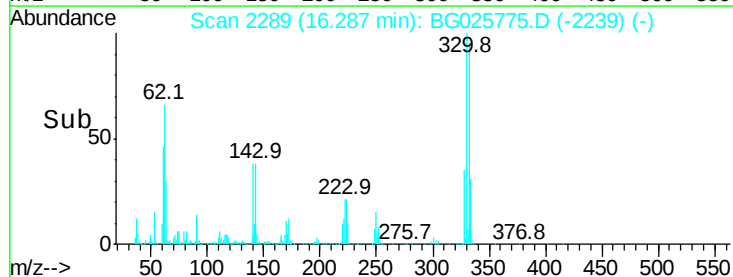
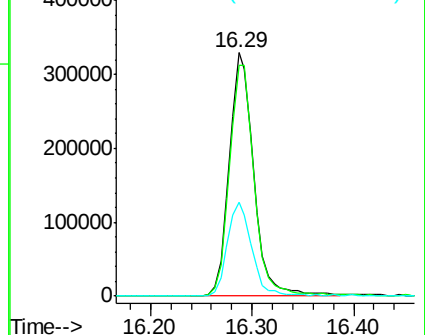
141 38.4 32.1 48.1

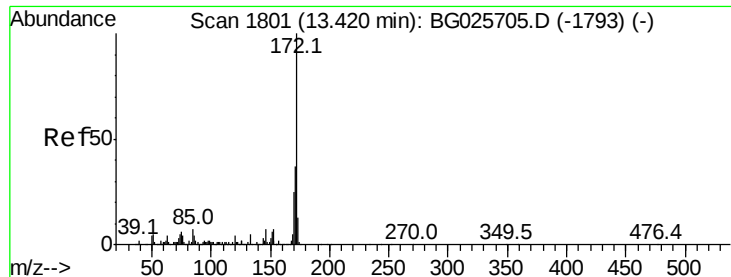


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

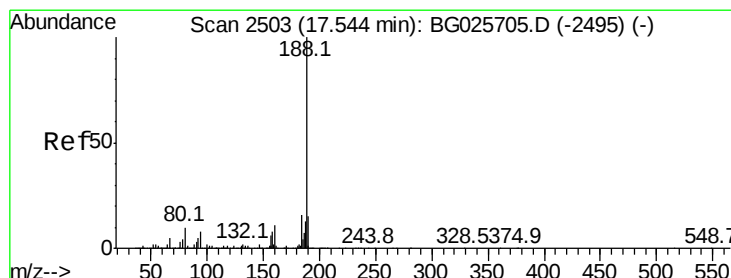
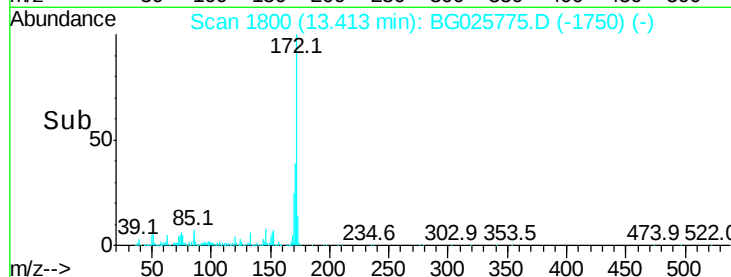
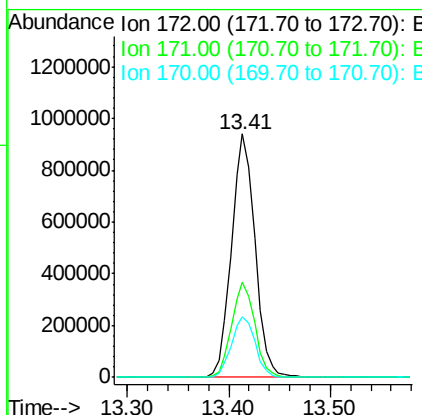
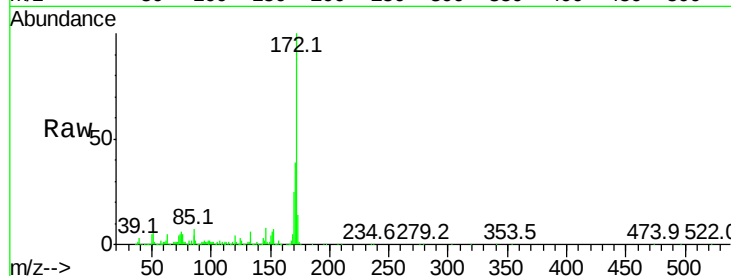




#44
2-Fluorobiphenyl
Concen: 95.76 ng
RT: 13.41 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BG025775.D
Acq: 3 Feb 2017 2:11

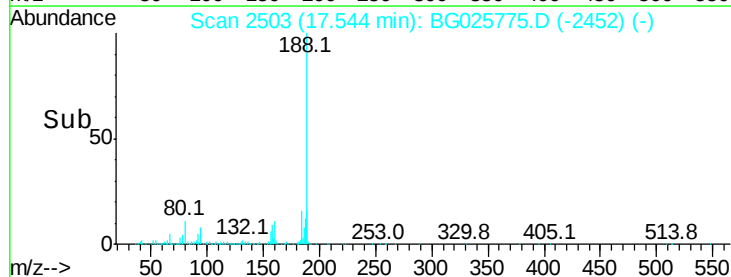
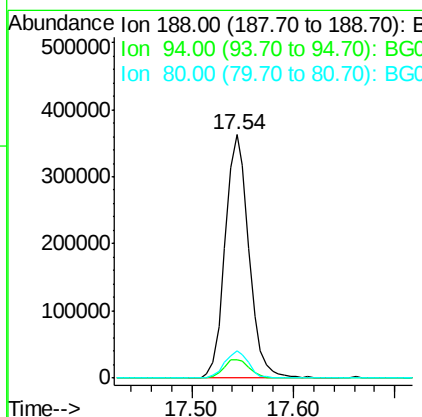
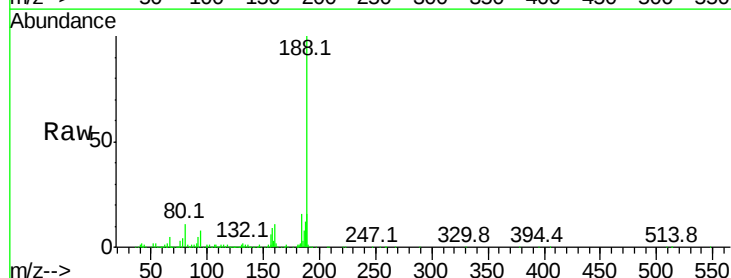
Instrument :
BNA_G
ClientSampleId :
SP-COMP-1A-0-2FT

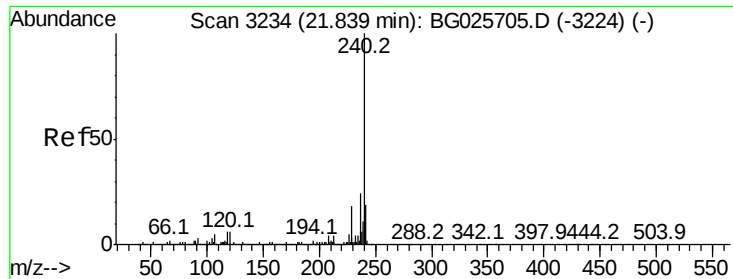
Tot Ion:172 Resp: 1511504
Ion Ratio Lower Upper
172 100
171 38.9 32.2 48.2
170 24.9 21.8 32.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.54 min Scan# 2503
Delta R.T. -0.00 min
Lab File: BG025775.D
Acq: 3 Feb 2017 2:11

Tgt Ion:188 Resp: 589682
Ion Ratio Lower Upper
188 100
94 7.6 5.8 8.8
80 11.4 7.5 11.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.83 min Scan# 3233

Delta R.T. -0.01 min

Lab File: BG025775.D

Acq: 3 Feb 2017 2:11

Instrument :

BNA_G

ClientSampleId :

SP-COMP-1A-0-2FT

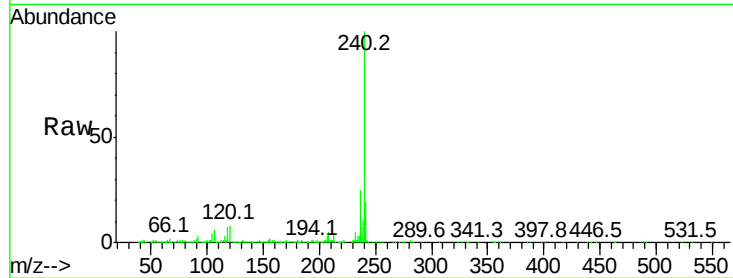
Tot Ion:240 Resp: 738781

Ion Ratio Lower Upper

240 100

120 7.8 5.7 8.5

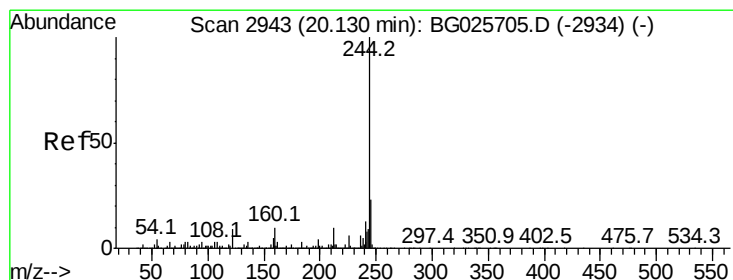
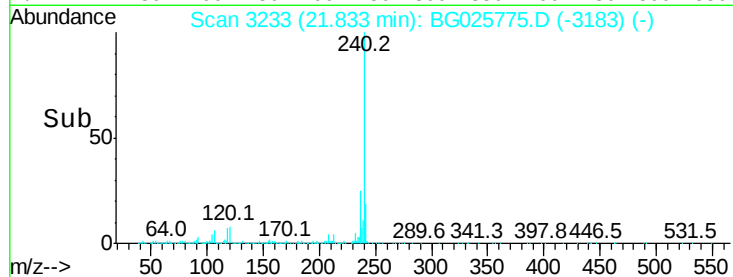
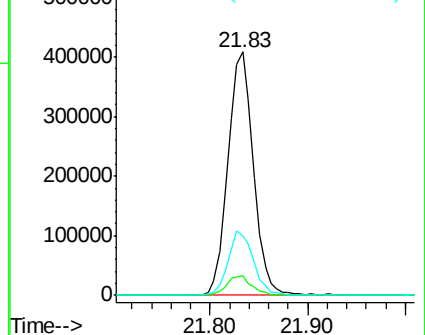
236 24.6 22.2 33.4



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: 88.61 ng

RT: 20.12 min Scan# 2942

Delta R.T. -0.01 min

Lab File: BG025775.D

Acq: 3 Feb 2017 2:11

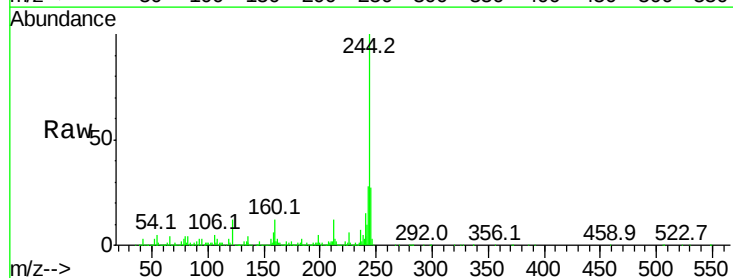
Tgt Ion:244 Resp: 2712217

Ion Ratio Lower Upper

244 100

212 11.8 10.0 15.0

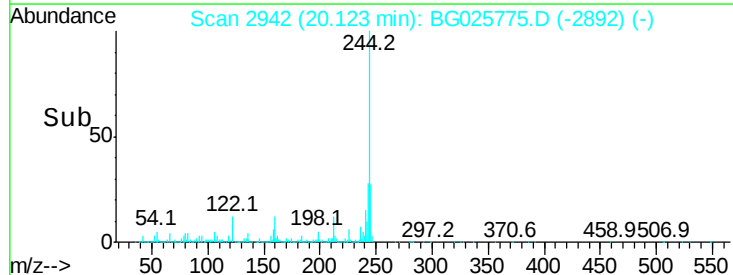
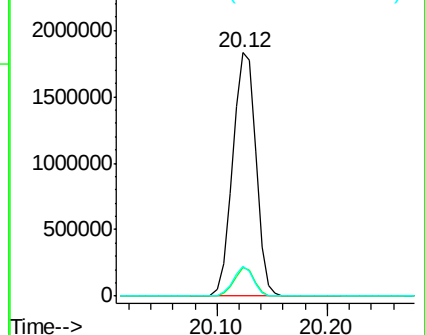
122 12.2 8.6 12.8

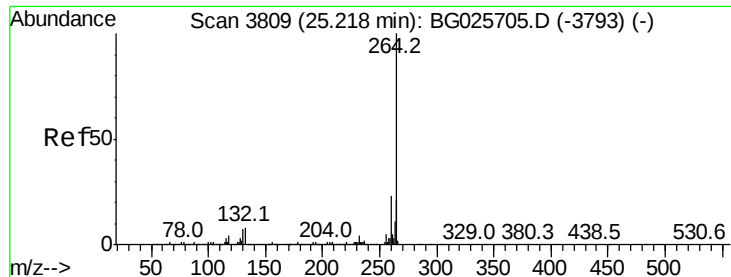


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

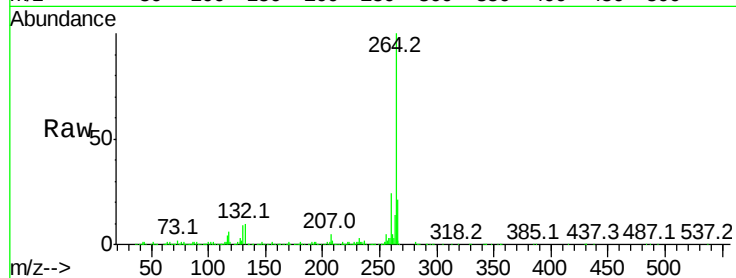




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.21 min Scan# 3808
 Delta R.T. -0.01 min
 Lab File: BG025775.D
 Acq: 3 Feb 2017 2:11

Instrument :
 BNA_G
 ClientSampleId :
 SP-COMP-1A-0-2FT

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	21.8	32.8
265	21.3	18.2	27.4



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

