

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020317\
 Data File : BG025779.D
 Acq On : 3 Feb 2017 4:47
 Operator : SJ/MA
 Sample : I1659-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CENTER-COMP

Quant Time: Feb 03 05:47:38 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	72858	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	297048	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	239082	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	577726	20.00	ng	0.00
75) Chrysene-d12	21.83	240	735297	20.00	ng	-0.01
86) Perylene-d12	25.21	264	728263	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	588981	144.88	ng	0.00
7) Phenol-d6	7.33	99	776068	130.71	ng	0.00
23) Nitrobenzene-d5	9.35	82	700933	99.70	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	499721	146.56	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1411370	95.88	ng	0.00
78) Terphenyl-d14	20.13	244	2564627	84.19	ng	0.00

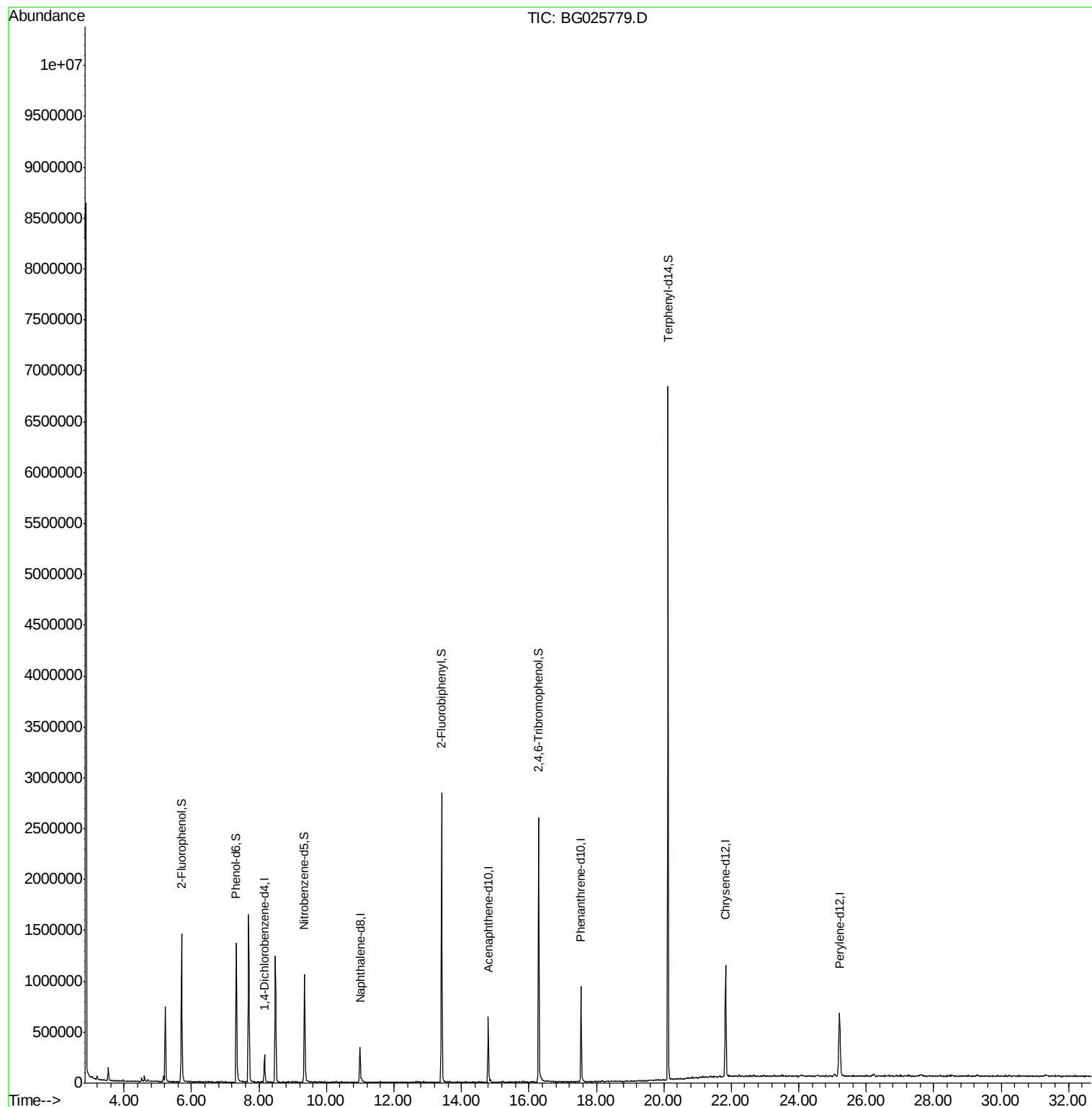
Target Compounds Qvalue

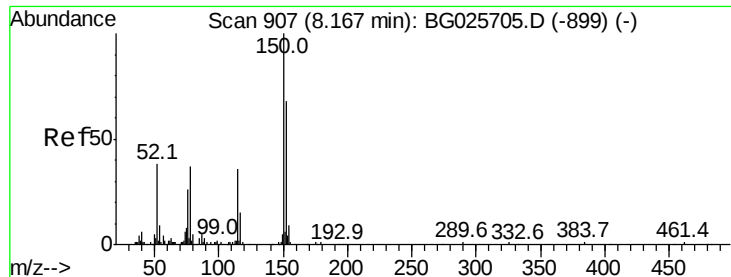
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG025779.D

Acq: 3 Feb 2017 4:47

Instrument :

BNA_G

ClientSampleId :

CENTER-COMP

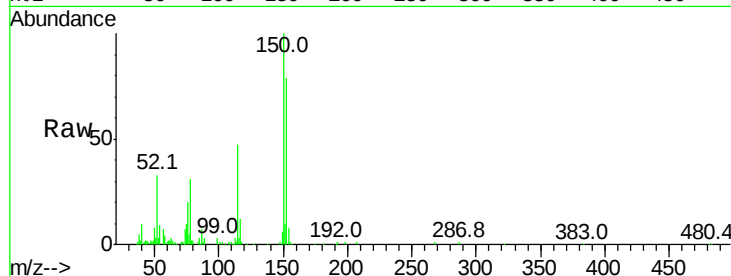
Tot Ion:152 Resp: 72858

Ion Ratio Lower Upper

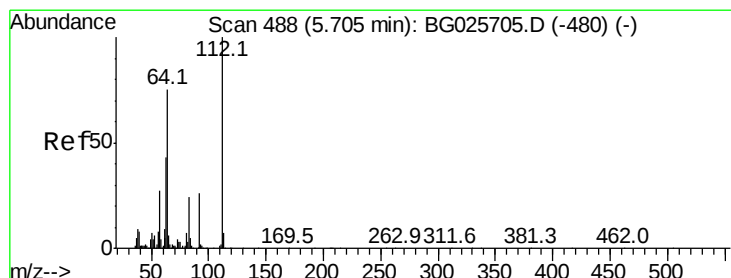
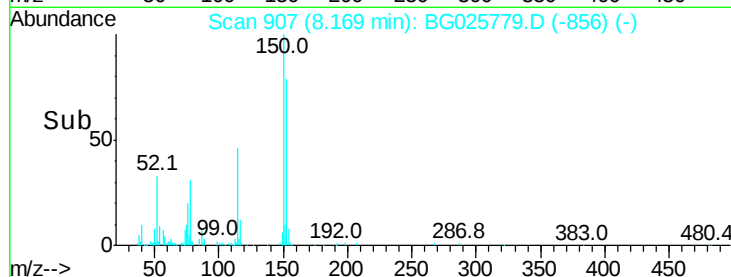
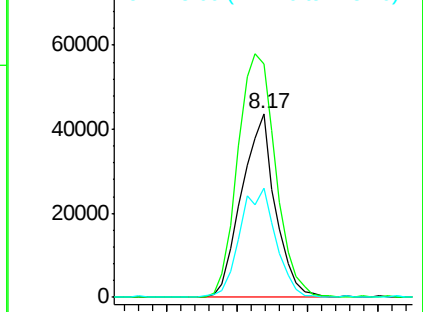
152 100

150 126.7 114.0 171.0

115 59.2 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: 144.88 ng

RT: 5.70 min Scan# 487

Delta R.T. -0.00 min

Lab File: BG025779.D

Acq: 3 Feb 2017 4:47

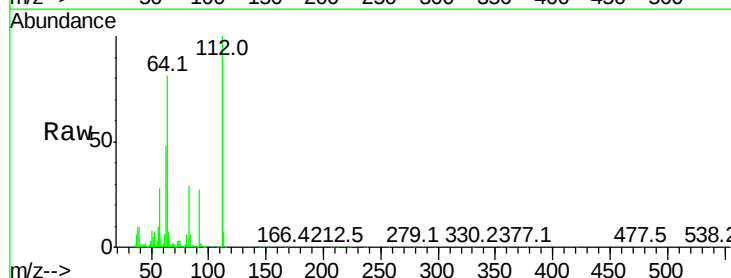
Tgt Ion:112 Resp: 588981

Ion Ratio Lower Upper

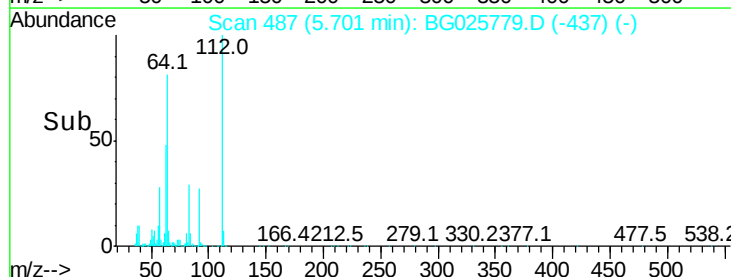
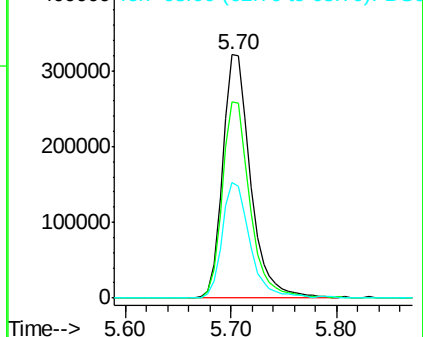
112 100

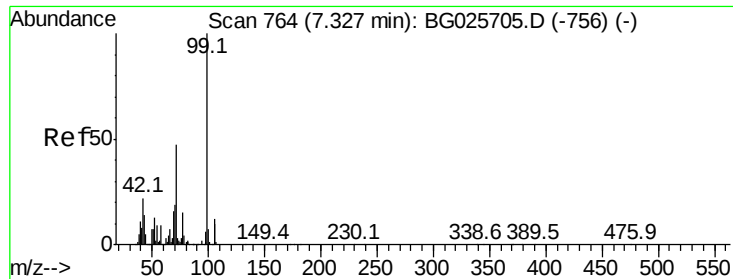
64 80.7 61.8 92.6

63 47.6 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: 130.71 ng

RT: 7.33 min Scan# 764

Delta R.T. 0.00 min

Lab File: BG025779.D

Acq: 3 Feb 2017 4:47

Instrument :

BNA_G

ClientSampleId :

CENTER-COMP

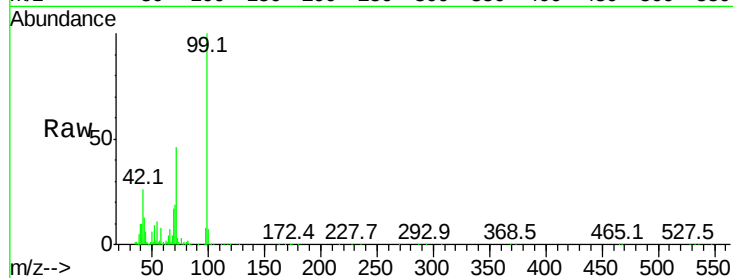
Tot Ion: 99 Resp: 776068

Ion Ratio Lower Upper

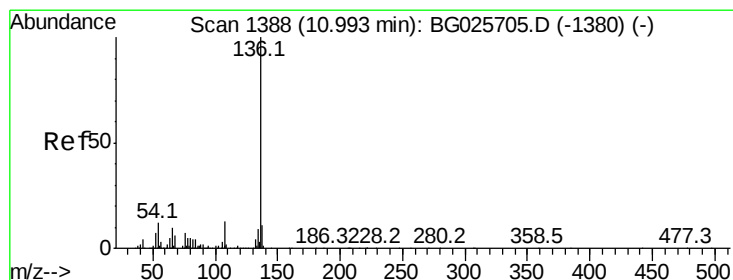
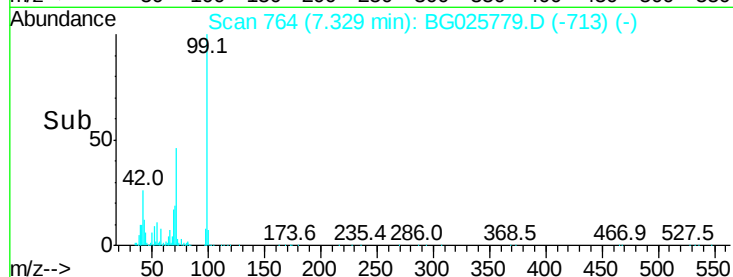
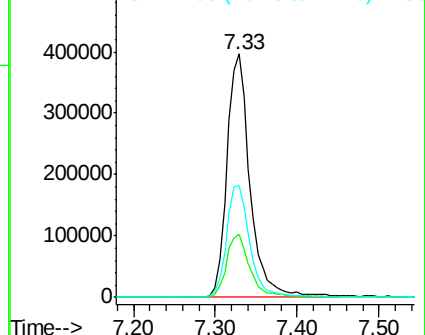
99 100

42 26.1 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: 11.00 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BG025779.D

Acq: 3 Feb 2017 4:47

Tgt Ion: 136 Resp: 297048

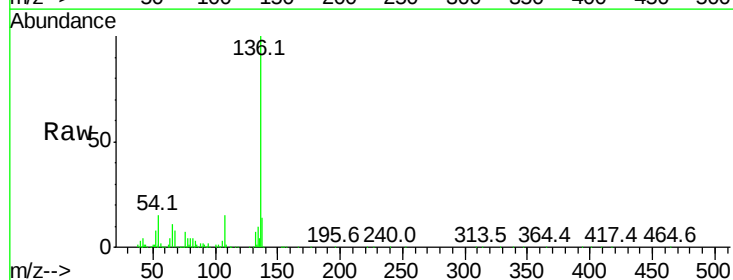
Ion Ratio Lower Upper

136 100

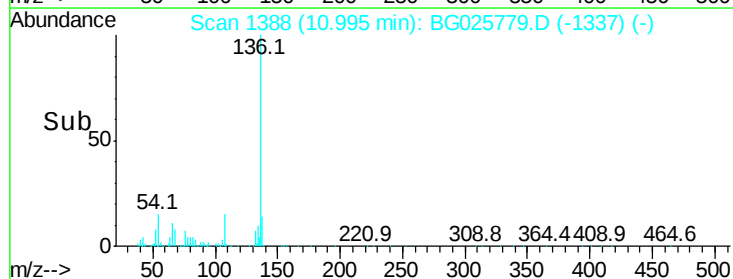
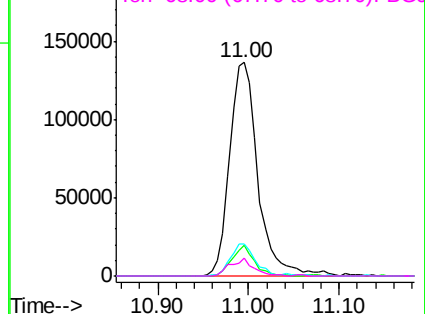
137 14.2 8.9 13.3#

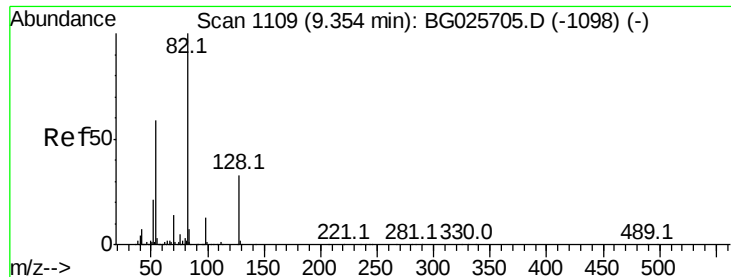
54 14.7 9.3 13.9#

68 8.3 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

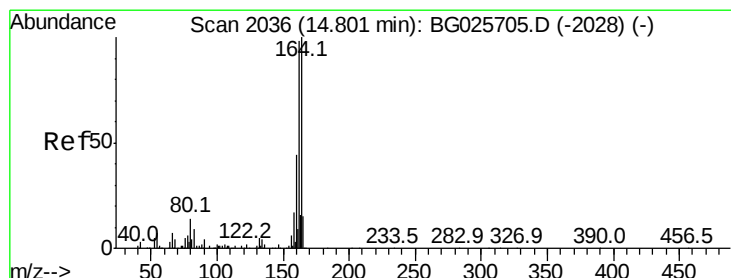
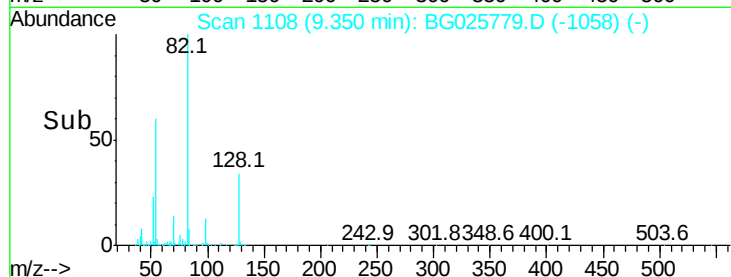
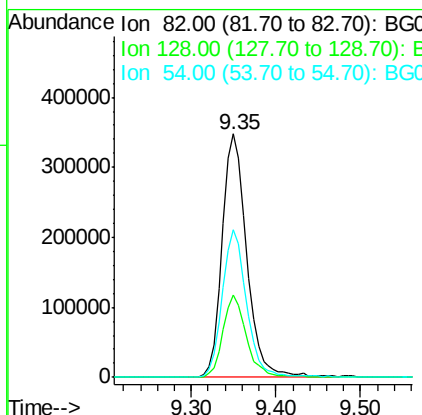
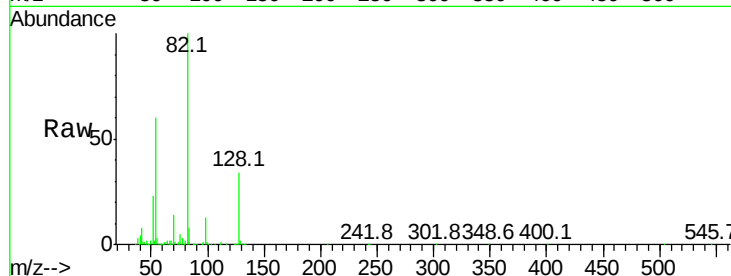




#23
 Nitrobenzene-d5
 Concen: 99.70 ng
 RT: 9.35 min Scan# 1108
 Delta R.T. -0.00 min
 Lab File: BG025779.D
 Acq: 3 Feb 2017 4:47

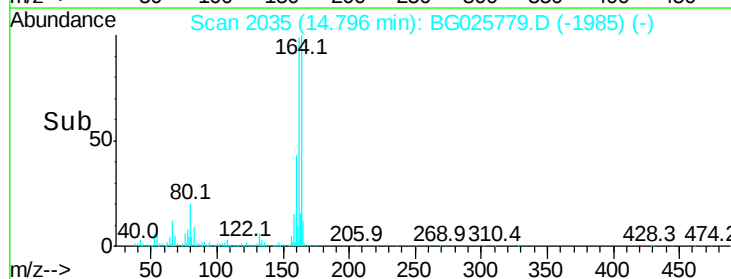
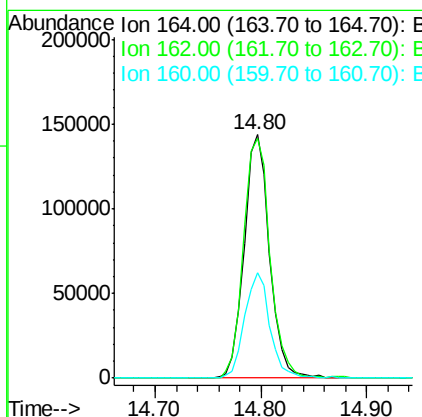
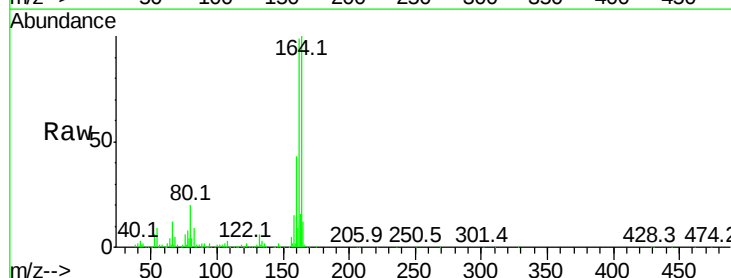
Instrument :
 BNA_G
 ClientSampleId :
 CENTER-COMP

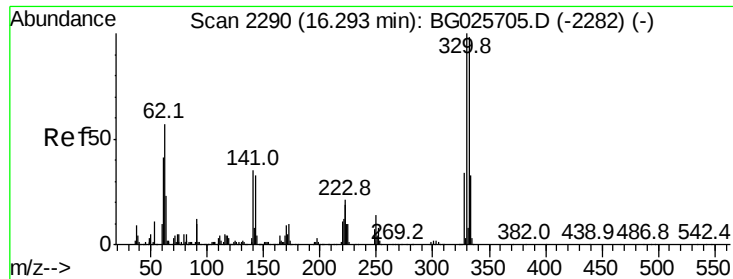
Tot Ion	Ratio	Lower	Upper
82	100		
128	33.7	26.4	39.6
54	60.4	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BG025779.D
 Acq: 3 Feb 2017 4:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.6	85.1	127.7
160	43.5	34.7	52.1

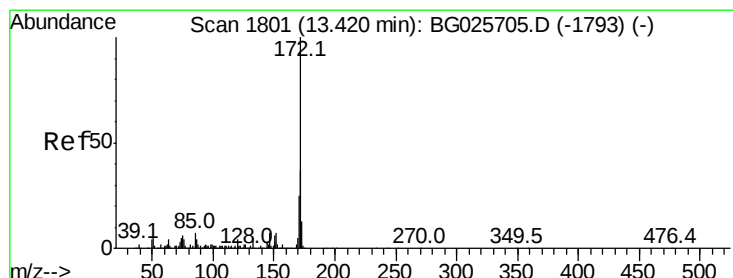
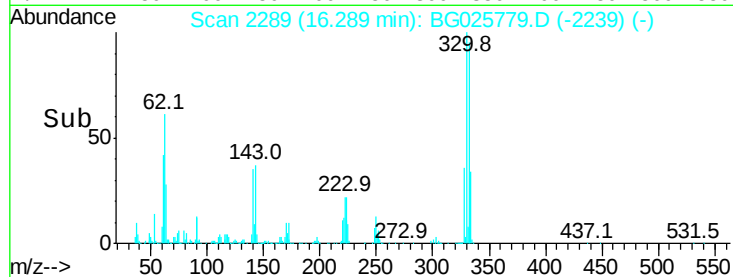
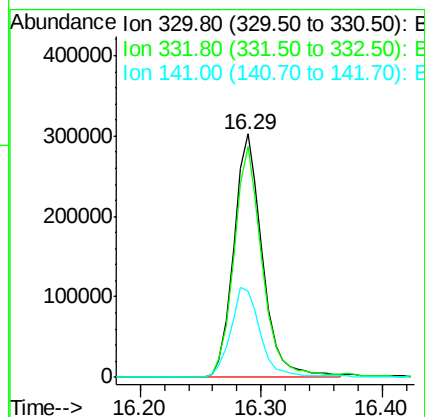
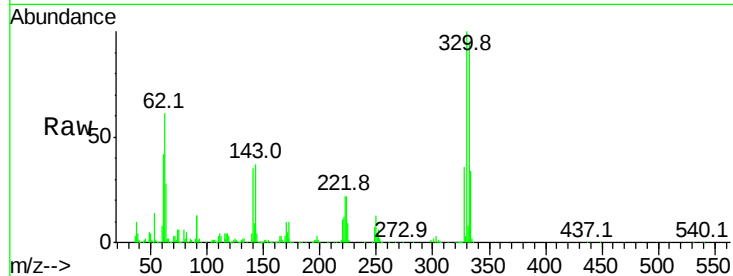




#41
 2,4,6-Tribromophenol
 Concen: 146.56 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.00 min
 Lab File: BG025779.D
 Acq: 3 Feb 2017 4:47

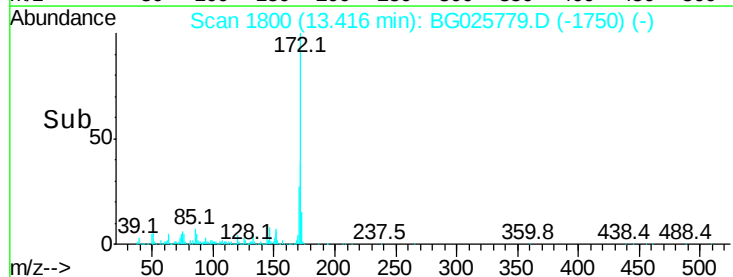
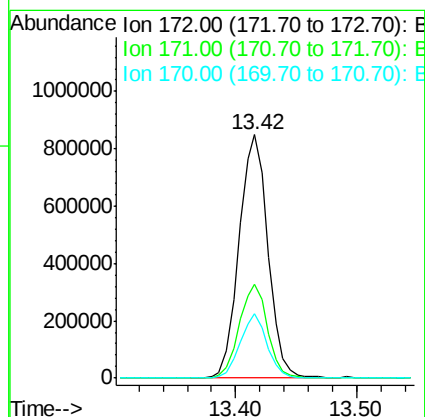
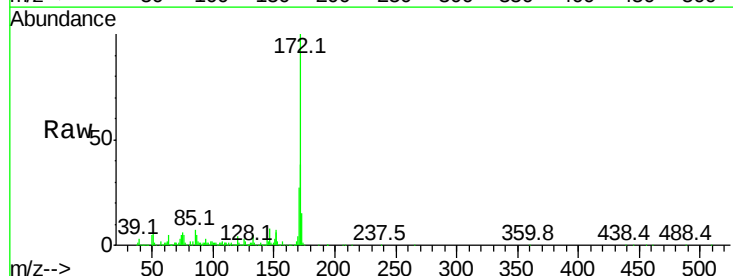
Instrument :
 BNA_G
 ClientSampleId :
 CENTER-COMP

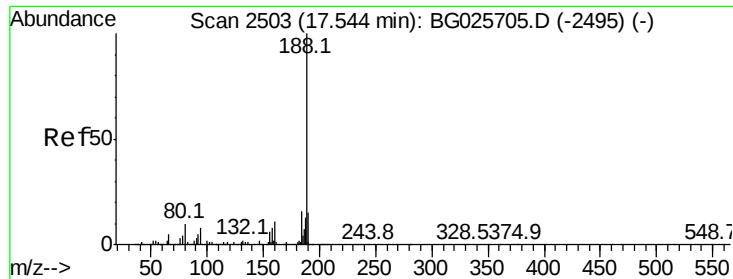
Tot Ion:330 Resp: 499721
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.3 115.9
 141 37.9 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 95.88 ng
 RT: 13.42 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BG025779.D
 Acq: 3 Feb 2017 4:47

Tgt Ion:172 Resp: 1411370
 Ion Ratio Lower Upper
 172 100
 171 38.3 32.2 48.2
 170 26.6 21.8 32.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.55 min Scan# 2503

Delta R.T. 0.00 min

Lab File: BG025779.D

Acq: 3 Feb 2017 4:47

Instrument :

BNA_G

ClientSampleId :

CENTER-COMP

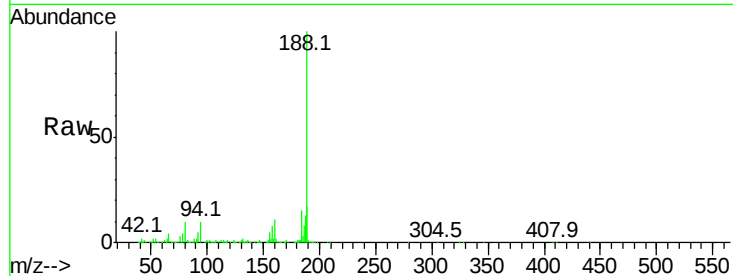
Tot Ion:188 Resp: 577726

Ion Ratio Lower Upper

188 100

94 9.7 5.8 8.8#

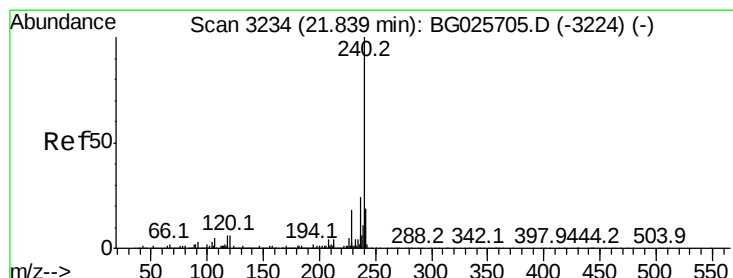
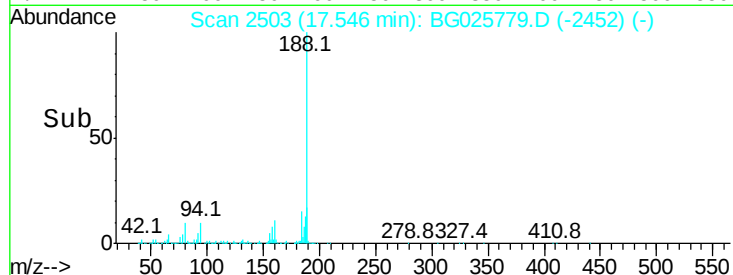
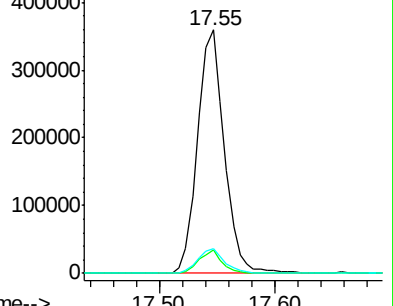
80 10.2 7.5 11.3



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: 20.00 ng

RT: 21.83 min Scan# 3232

Delta R.T. -0.01 min

Lab File: BG025779.D

Acq: 3 Feb 2017 4:47

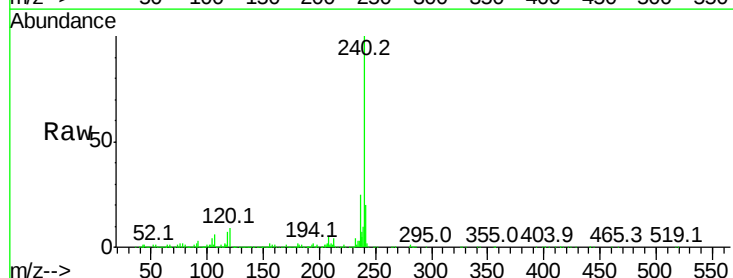
Tgt Ion:240 Resp: 735297

Ion Ratio Lower Upper

240 100

120 8.9 5.7 8.5#

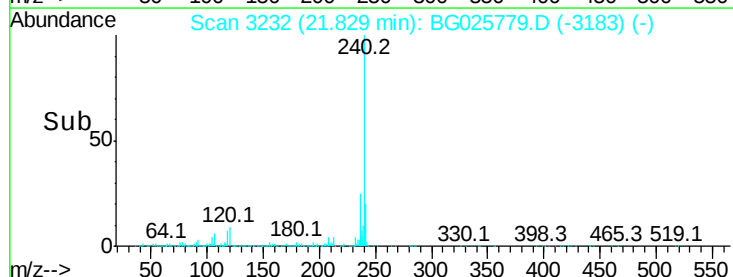
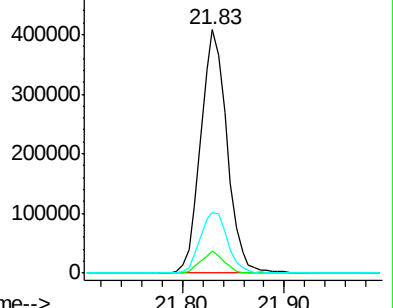
236 24.8 22.2 33.4

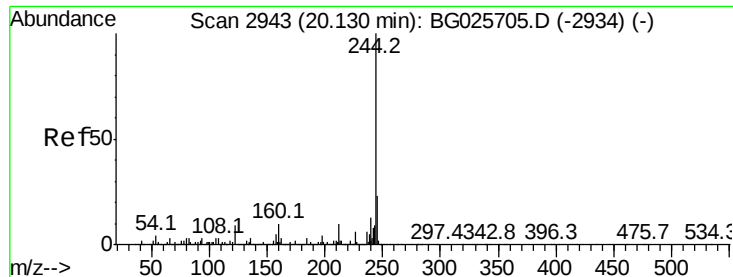


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 84.19 ng

RT: 20.13 min Scan# 2942

Delta R.T. -0.00 min

Lab File: BG025779.D

Acq: 3 Feb 2017 4:47

Instrument :

BNA_G

ClientSampleId :

CENTER-COMP

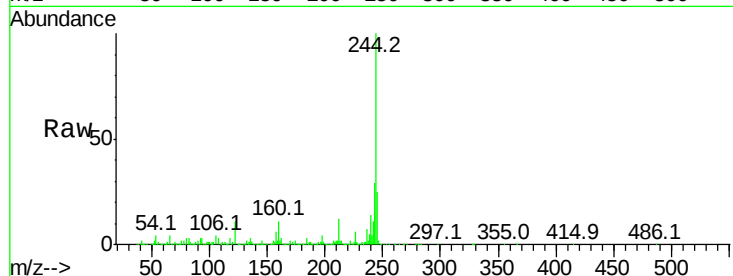
Tot Ion:244 Resp: 2564627

Ion Ratio Lower Upper

244 100

212 11.7 10.0 15.0

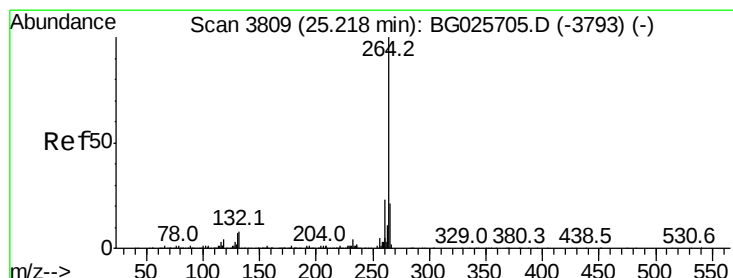
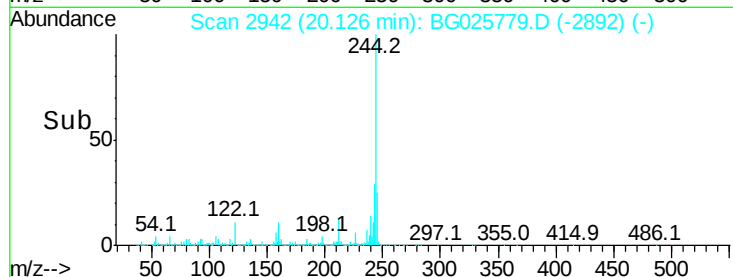
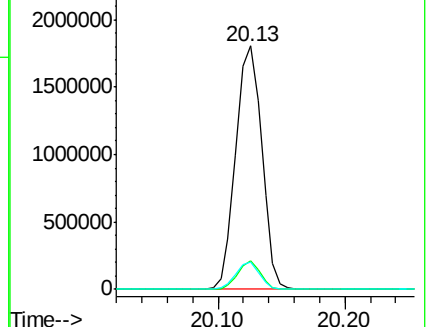
122 11.1 8.6 12.8



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

Perylene-d12

Concen: 20.00 ng

RT: 25.21 min Scan# 3807

Delta R.T. -0.01 min

Lab File: BG025779.D

Acq: 3 Feb 2017 4:47

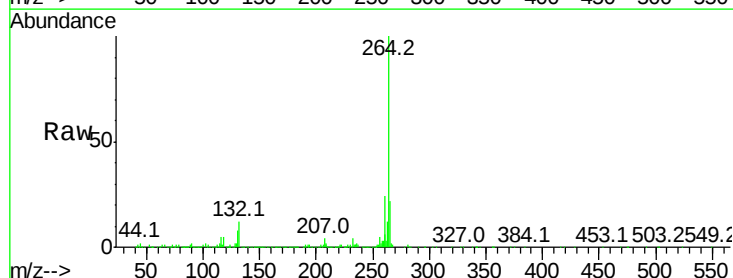
Tgt Ion:264 Resp: 728263

Ion Ratio Lower Upper

264 100

260 23.6 21.8 32.8

265 21.5 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

