

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020317\
 Data File : BG025783.D
 Acq On : 3 Feb 2017 7:24
 Operator : SJ/MA
 Sample : PB96669BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB96669BL

Quant Time: Feb 03 08:15:10 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	74259	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	320536	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	259751	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	600539	20.00	ng	0.00
75) Chrysene-d12	21.83	240	746785	20.00	ng	-0.01
86) Perylene-d12	25.21	264	745611	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	350862	84.68	ng	0.00
7) Phenol-d6	7.33	99	519146	85.79	ng	0.00
23) Nitrobenzene-d5	9.35	82	663550	87.47	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	243058	65.61	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1368115	85.54	ng	0.00
78) Terphenyl-d14	20.12	244	2485840	80.34	ng	0.00

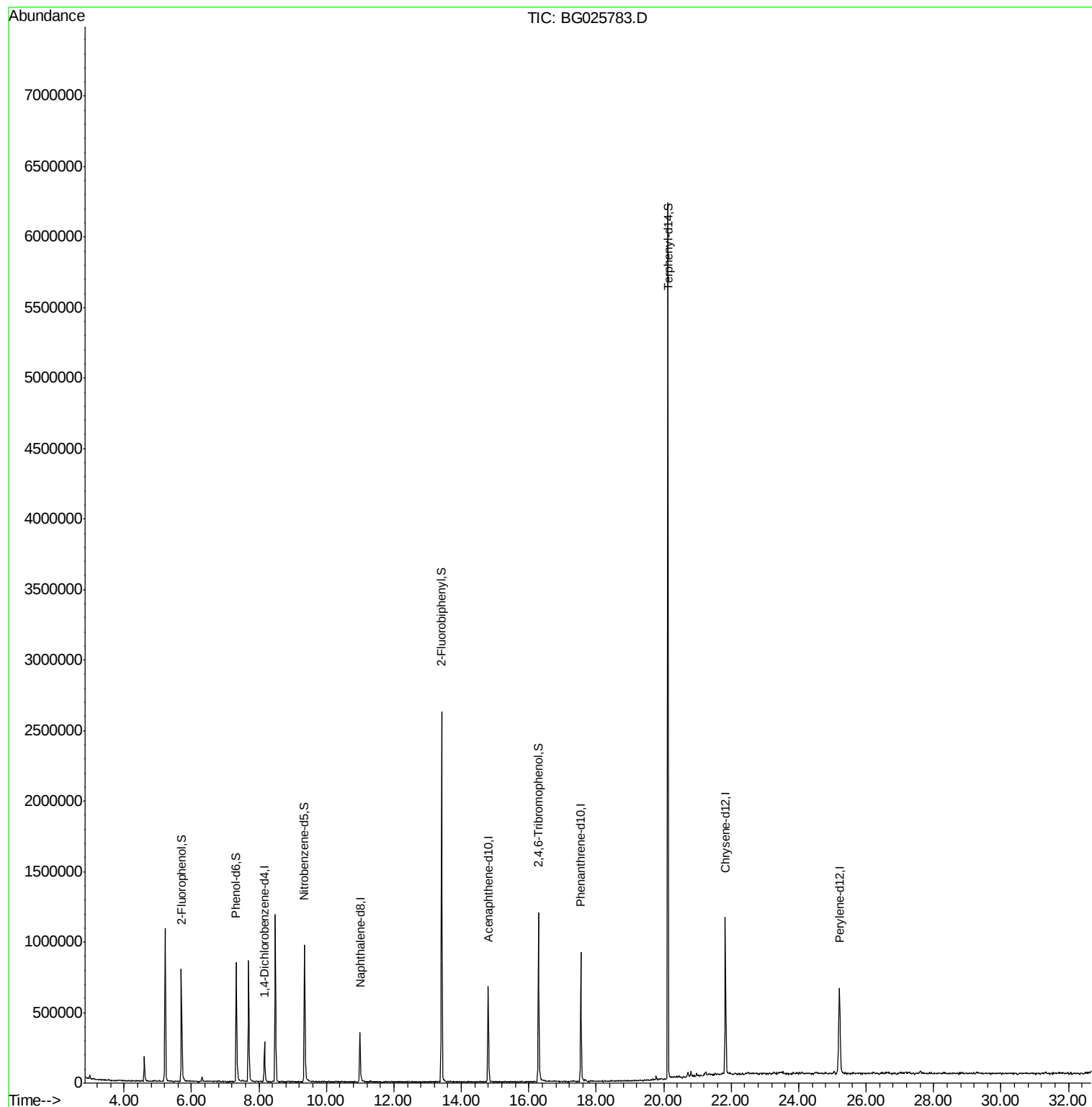
Target Compounds Qvalue

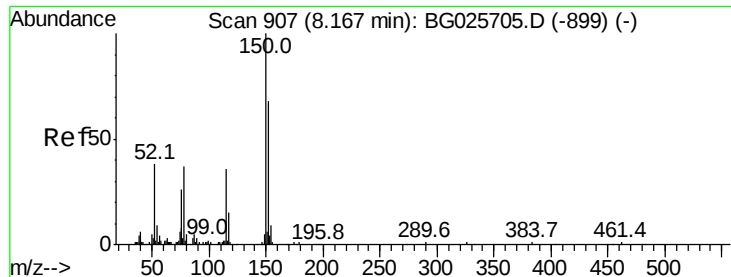
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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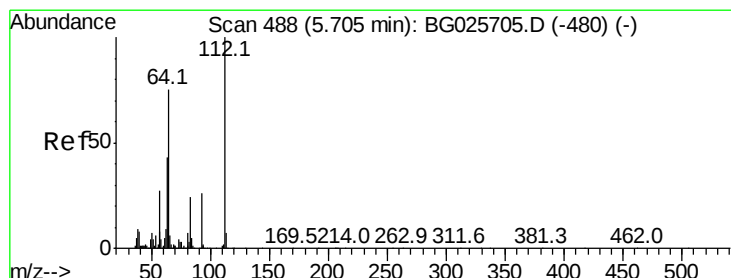
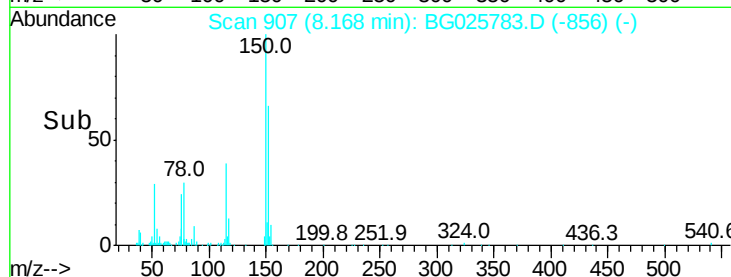
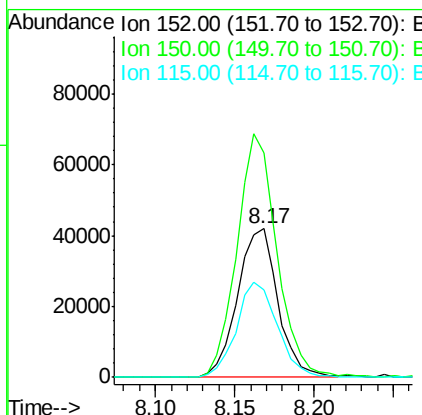
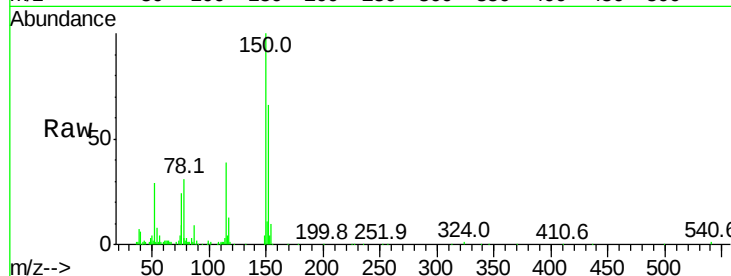


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 907
Delta R.T. 0.00 min
Lab File: BG025783.D
Acq: 3 Feb 2017 7:24

Instrument :
BNA_G
ClientSampleId :
PB96669BL

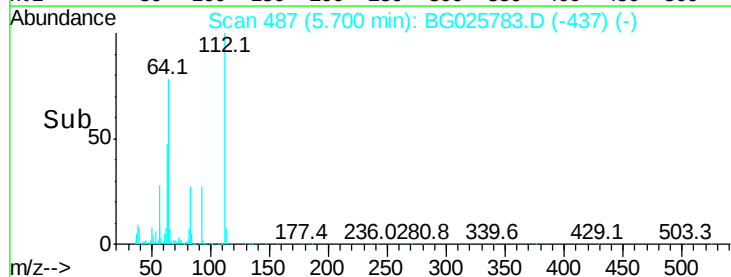
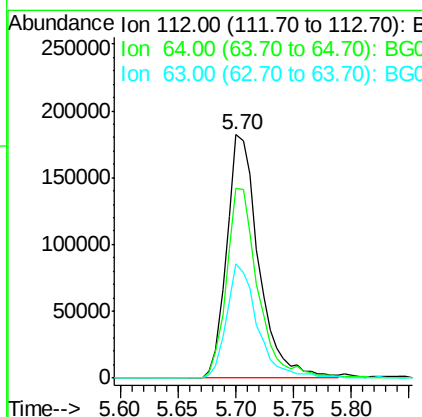
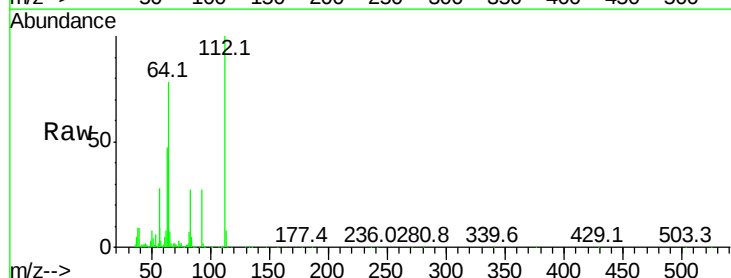
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.2	114.0	171.0
115	58.8	48.1	72.1

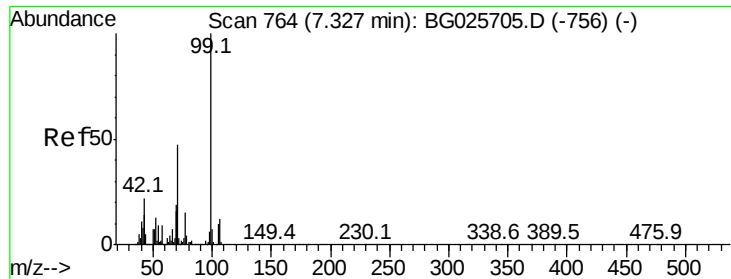


#5

2-Fluorophenol
Concen: 84.68 ng
RT: 5.70 min Scan# 487
Delta R.T. -0.01 min
Lab File: BG025783.D
Acq: 3 Feb 2017 7:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	77.8	61.8	92.6
63	46.9	37.2	55.8





#7

Phenol-d6

Concen: 85.79 ng

RT: 7.33 min Scan# 764

Delta R.T. 0.00 min

Lab File: BG025783.D

Acq: 3 Feb 2017 7:24

Instrument :

BNA_G

ClientSampleId :

PB96669BL

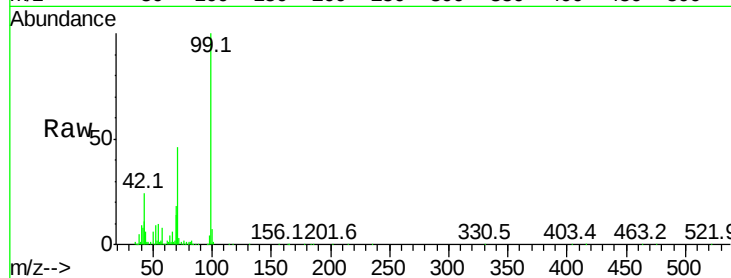
Tot Ion: 99 Resp: 519146

Ion Ratio Lower Upper

99 100

42 23.6 20.5 30.7

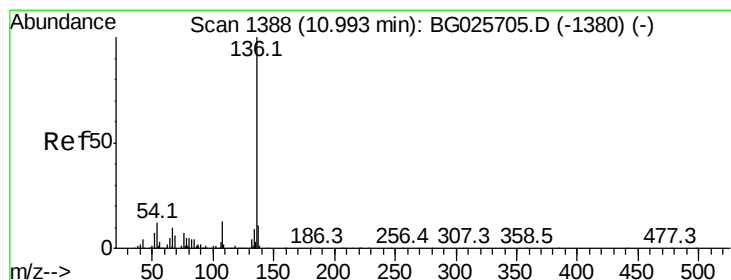
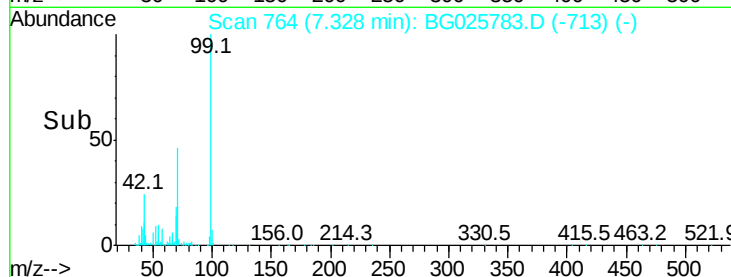
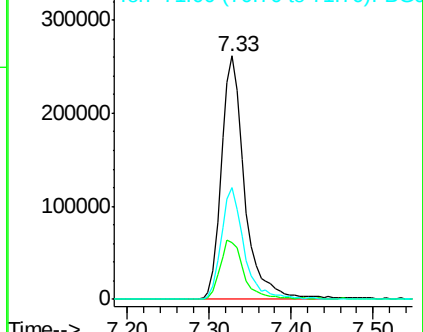
71 45.8 37.6 56.4



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: BG025783.D

Acq: 3 Feb 2017 7:24

Tgt Ion: 136 Resp: 320536

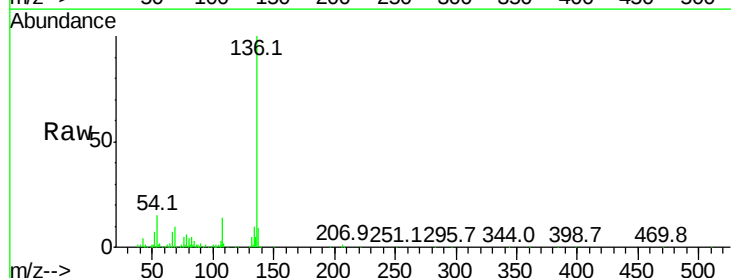
Ion Ratio Lower Upper

136 100

137 9.5 8.9 13.3

54 14.8 9.3 13.9#

68 9.6 5.1 7.7#

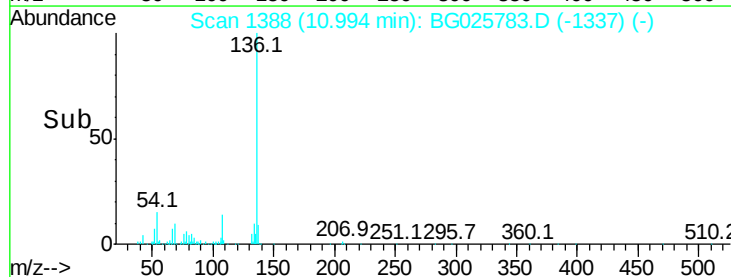
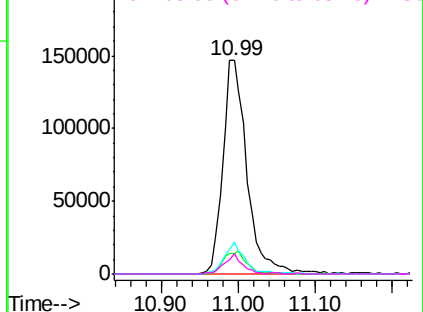


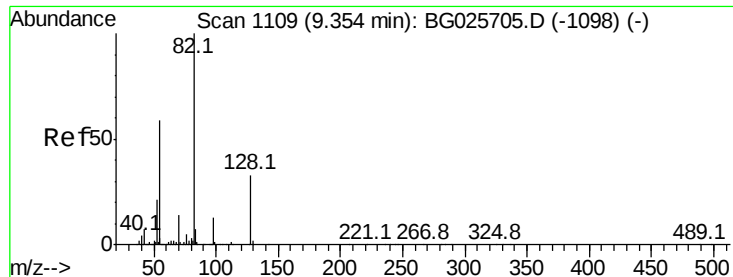
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

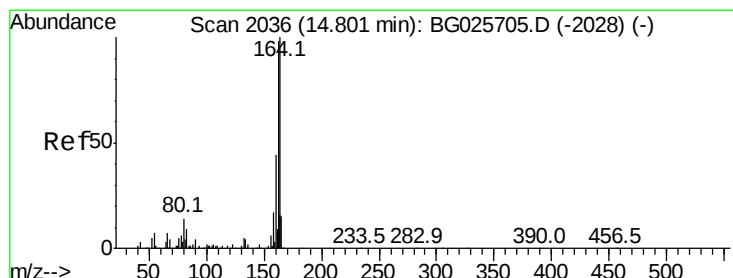
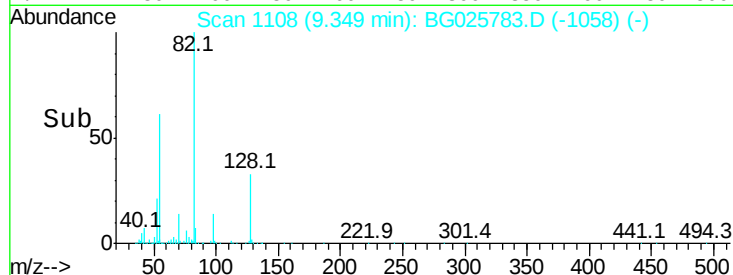
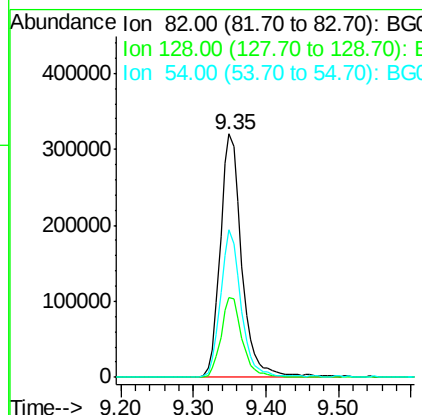
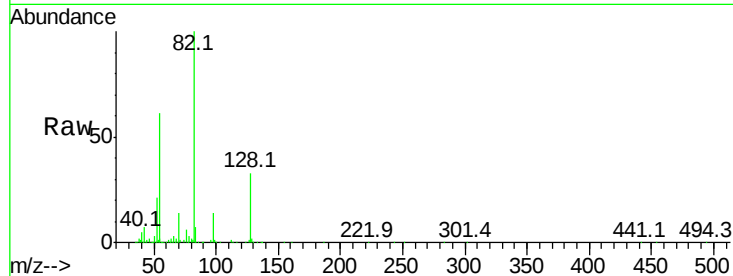




#23
 Nitrobenzene-d5
 Concen: 87.47 ng
 RT: 9.35 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BG025783.D
 Acq: 3 Feb 2017 7:24

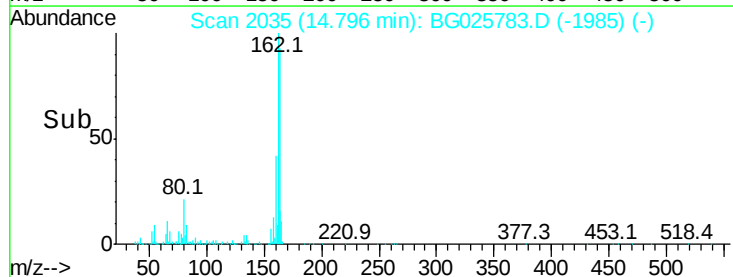
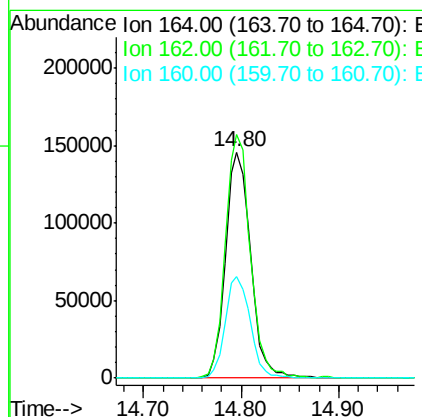
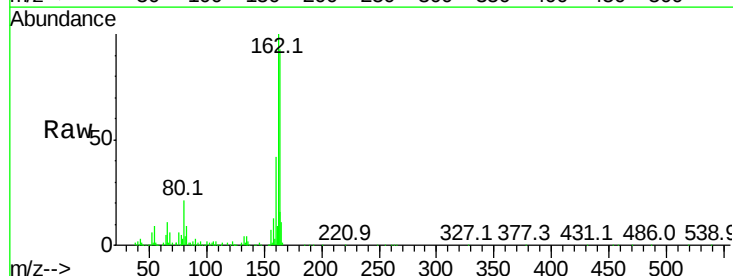
Instrument :
 BNA_G
 ClientSampleId :
 PB96669BL

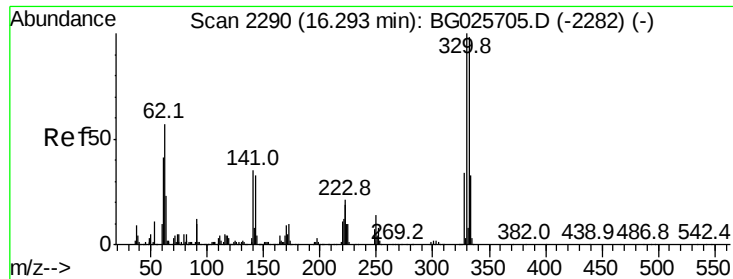
Tot Ion	82	Resp	663550
Ion Ratio	Lower	Upper	
82	100		
128	33.0	26.4	39.6
54	60.8	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BG025783.D
 Acq: 3 Feb 2017 7:24

Tgt Ion	164	Resp	259751
Ion Ratio	Lower	Upper	
164	100		
162	107.7	85.1	127.7
160	44.7	34.7	52.1

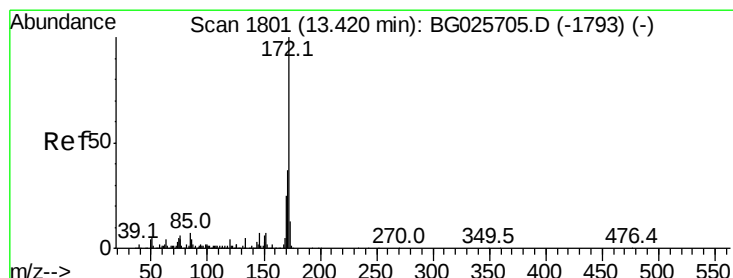
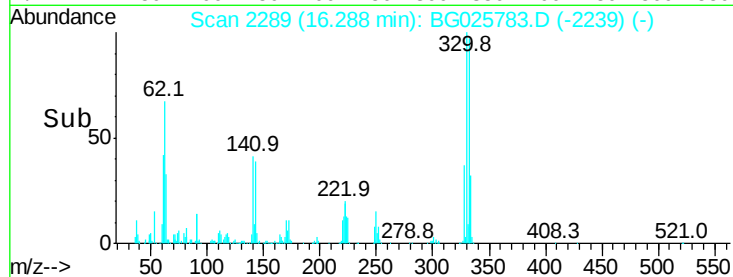
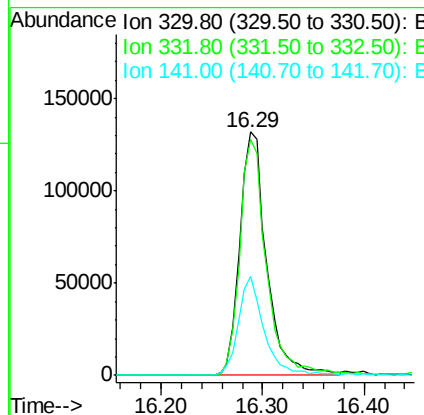
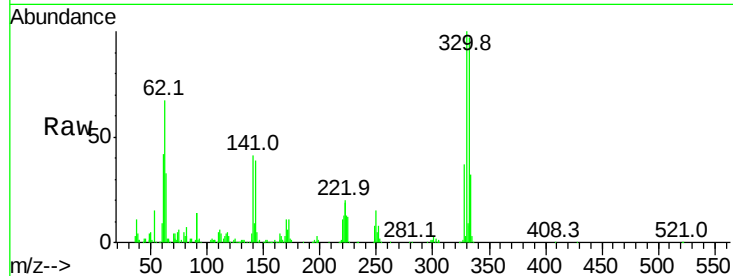




#41
 2,4,6-Tribromophenol
 Concen: 65.61 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.01 min
 Lab File: BG025783.D
 Acq: 3 Feb 2017 7:24

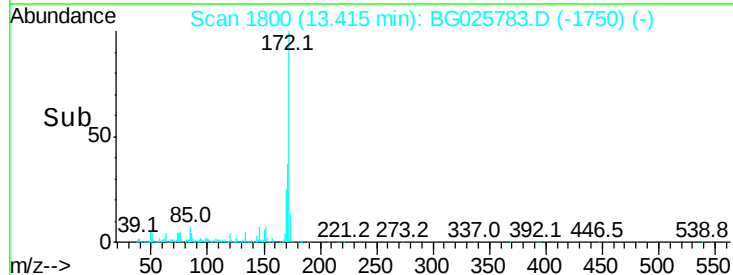
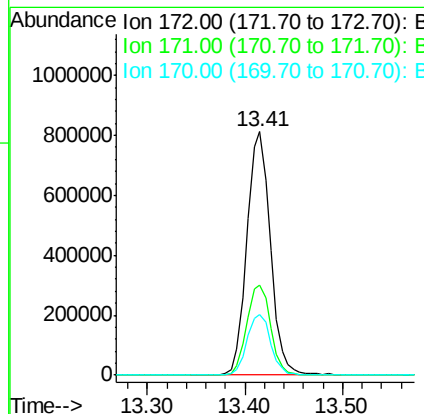
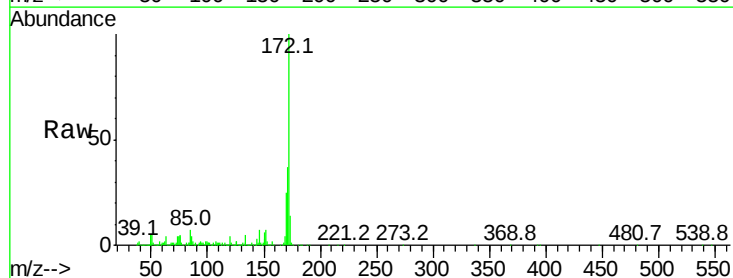
Instrument :
 BNA_G
 ClientSampleId :
 PB96669BL

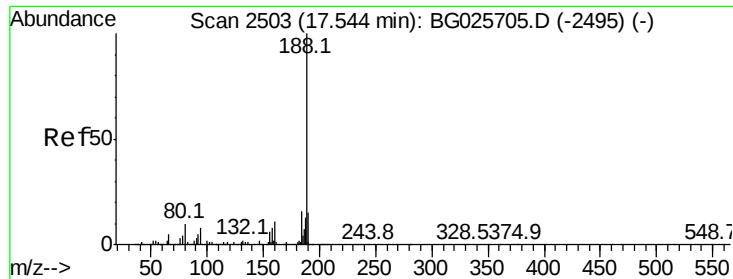
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.3	115.9
141	38.9	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 85.54 ng
 RT: 13.41 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG025783.D
 Acq: 3 Feb 2017 7:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	32.2	48.2
170	25.1	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: BG025783.D

Acq: 3 Feb 2017 7:24

Instrument :

BNA_G

ClientSampleId :

PB96669BL

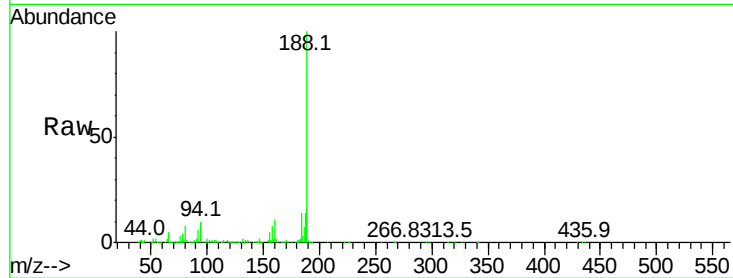
Tot Ion:188 Resp: 600539

Ion Ratio Lower Upper

188 100

94 9.8 5.8 8.8#

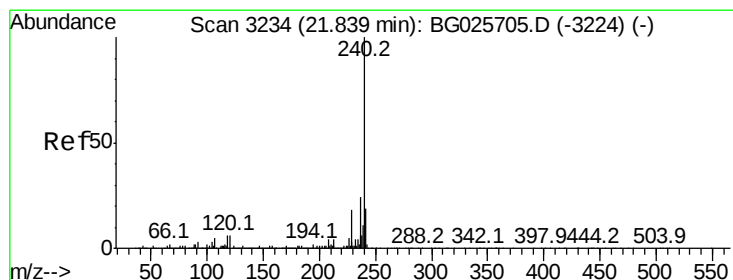
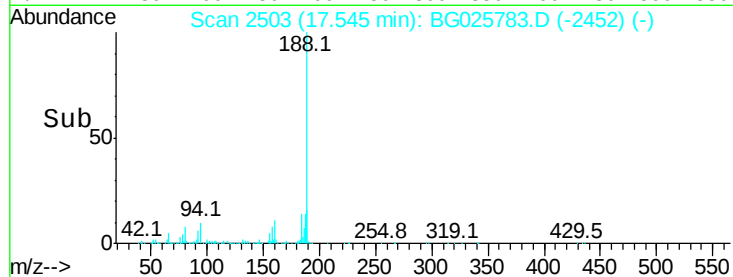
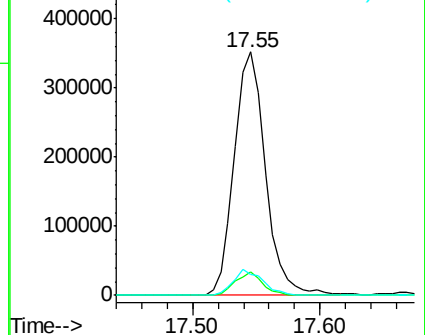
80 8.3 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.83 min Scan# 3232

Delta R.T. -0.01 min

Lab File: BG025783.D

Acq: 3 Feb 2017 7:24

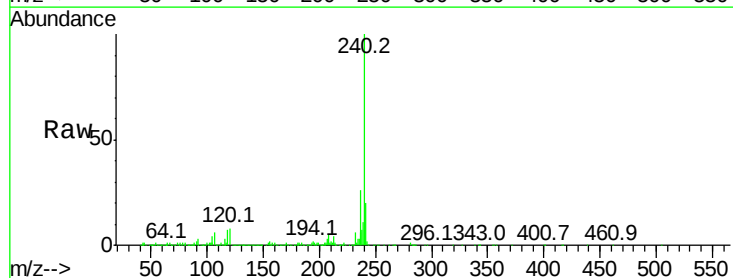
Tgt Ion:240 Resp: 746785

Ion Ratio Lower Upper

240 100

120 8.1 5.7 8.5

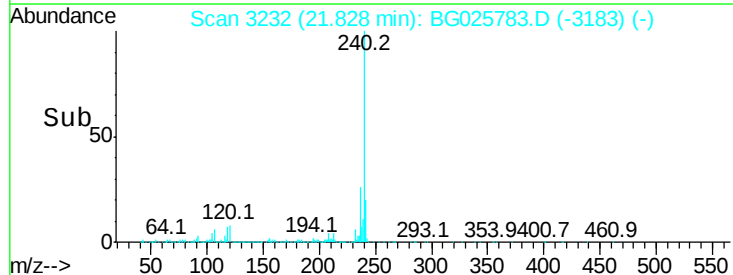
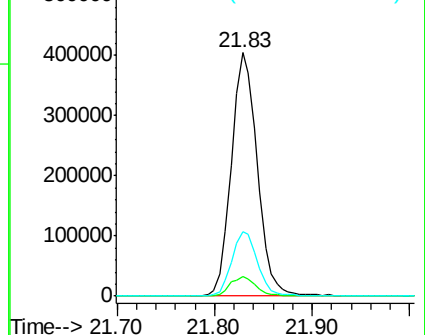
236 26.4 22.2 33.4

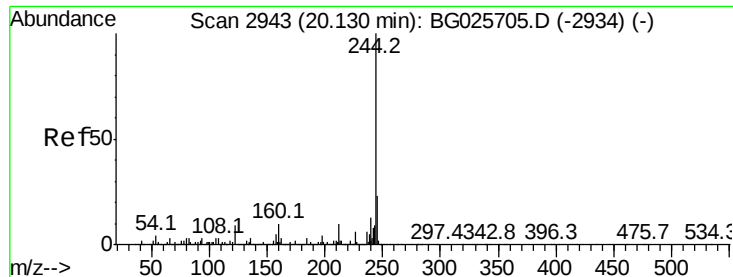


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 80.34 ng

RT: 20.12 min Scan# 2942

Delta R.T. -0.01 min

Lab File: BG025783.D

Acq: 3 Feb 2017 7:24

Instrument :

BNA_G

ClientSampleId :

PB96669BL

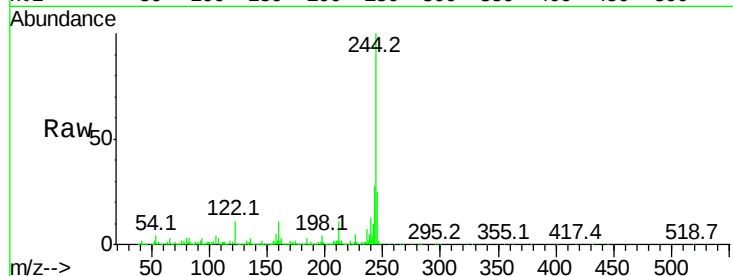
Tot Ion:244 Resp: 2485840

Ion Ratio Lower Upper

244 100

212 10.5 10.0 15.0

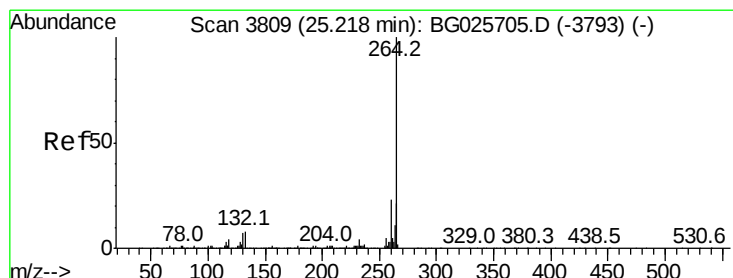
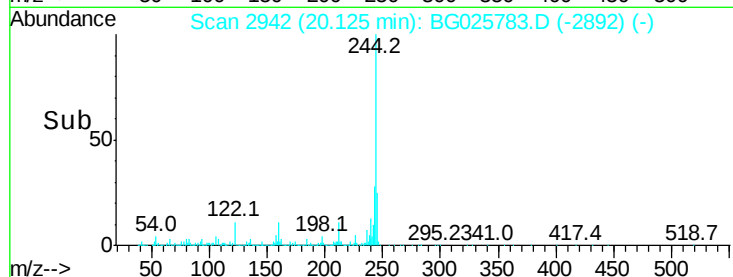
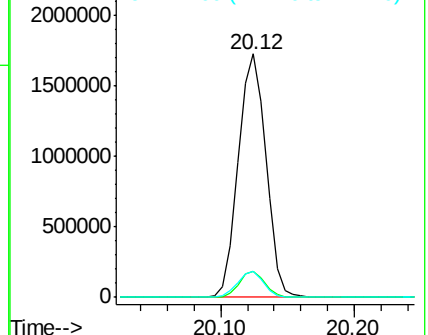
122 10.7 8.6 12.8



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: BG025783.D

Acq: 3 Feb 2017 7:24

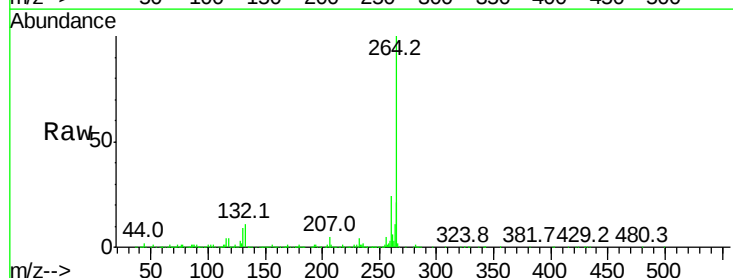
Tgt Ion:264 Resp: 745611

Ion Ratio Lower Upper

264 100

260 23.6 21.8 32.8

265 21.2 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

