

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020317\
 Data File : BG025783.D
 Acq On : 3 Feb 2017 7:24
 Operator : SJ/MA
 Sample : PB96671BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB96669BL

Quant Time: Feb 03 08:14:06 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

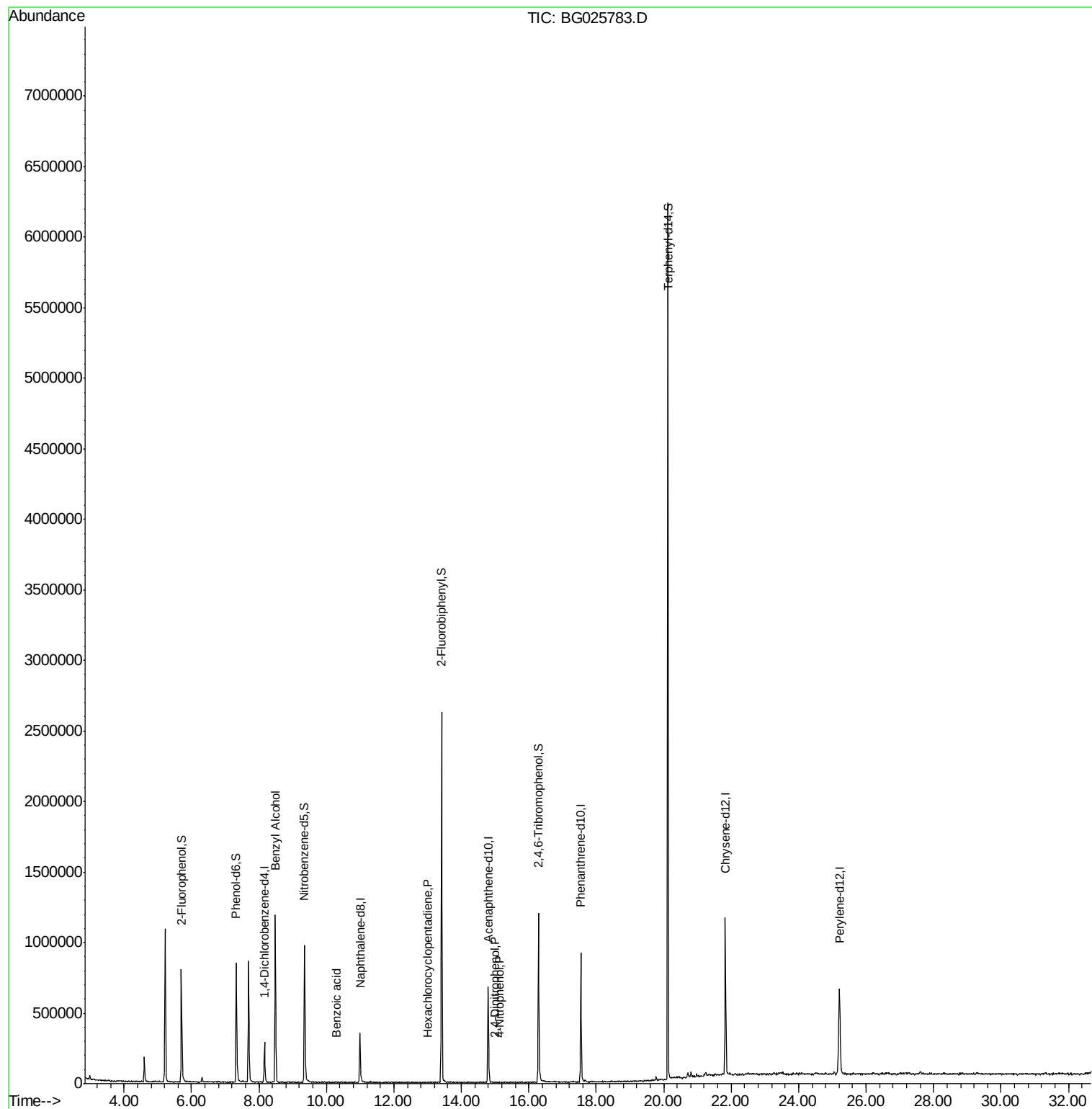
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	74259	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	320536	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	259751	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	600539	20.00	ng	0.00
75) Chrysene-d12	21.83	240	746785	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						
15) Benzyl Alcohol	8.49	79	12289	2.35	ng	# 56
32) Benzoic acid	10.29	122	59	7.90	ng	# 1
40) Hexachlorocyclopentadiene	13.00	237	56	10.70	ng	# 29
53) 2,4-Dinitrophenol	14.99	184	54	9.46	ng	# 15
55) 4-Nitrophenol	15.12	139	66	5.60	ng	# 1

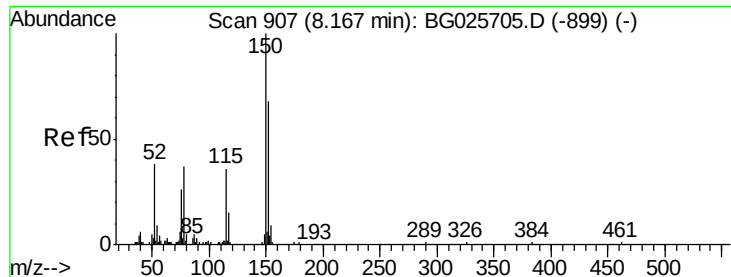
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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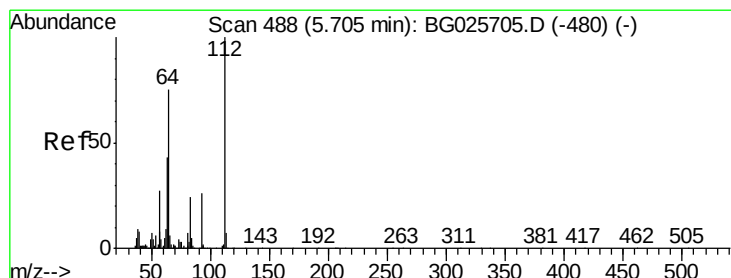
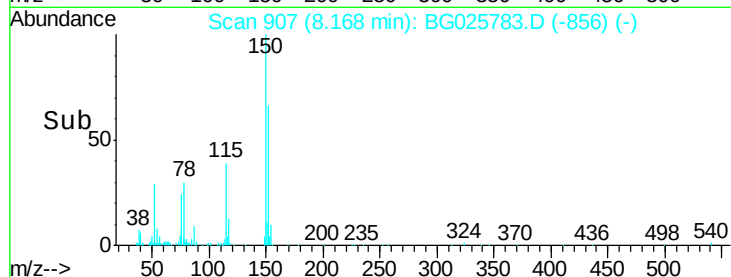
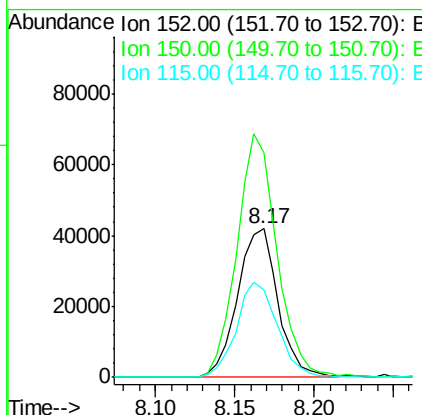
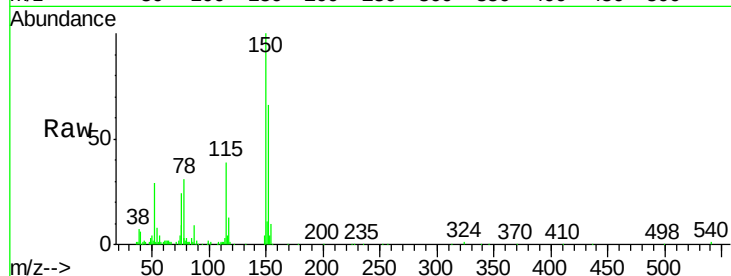


#1

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

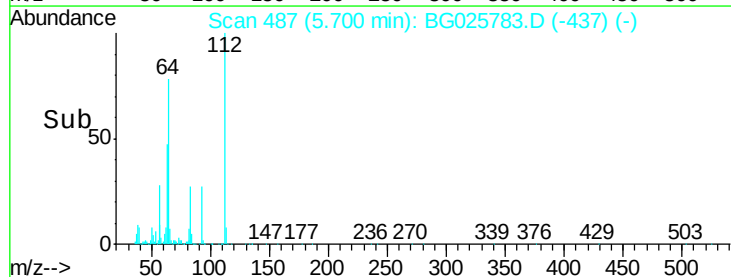
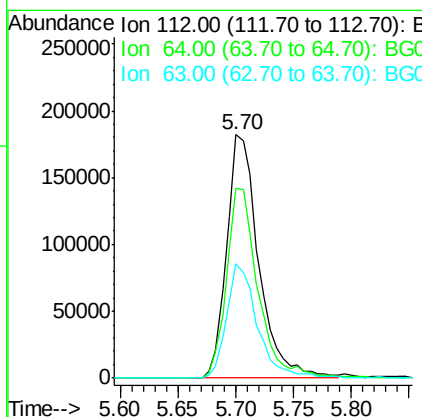
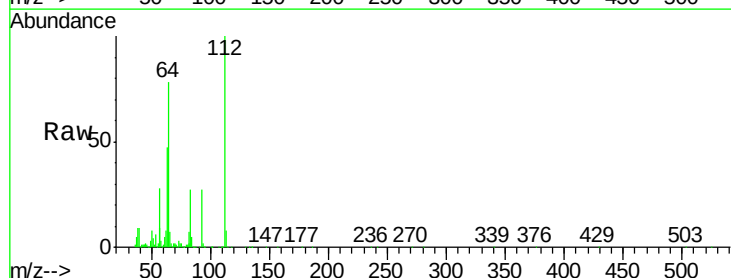
Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.2	114.0	171.0
115	58.8	48.1	72.1

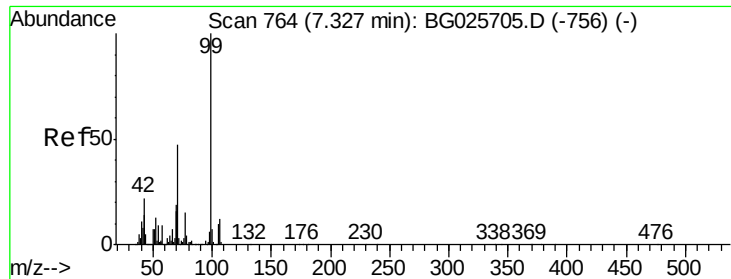


#5

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

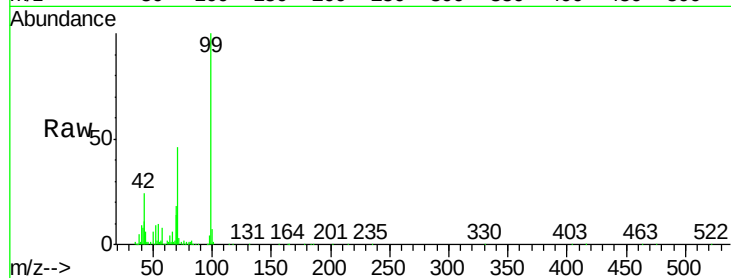
Tgt Ion: 99 Resp: 519146

Ion Ratio Lower Upper

99 100

42 23.6 20.5 30.7

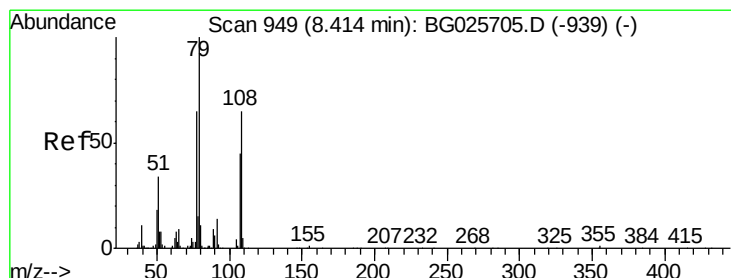
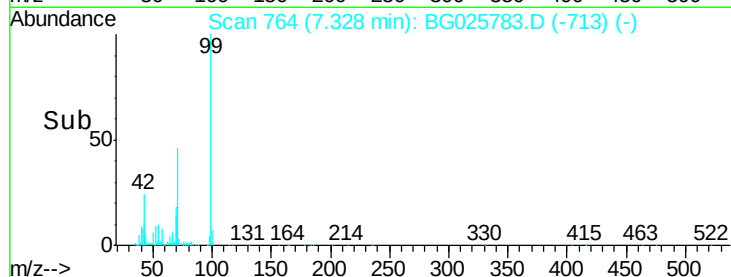
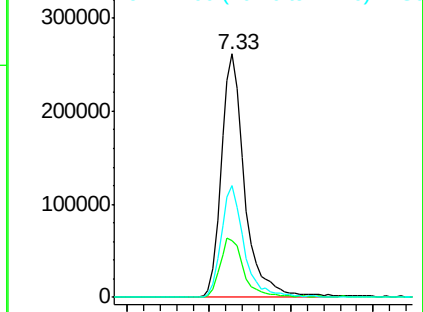
71 45.8 37.6 56.4



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



#15

Benzyl Alcohol

Concen: 2.35 ng

RT: 8.49 min Scan# 961

Delta R.T. 0.07 min

Lab File: BG025783.D

Acq: 3 Feb 2017 7:24

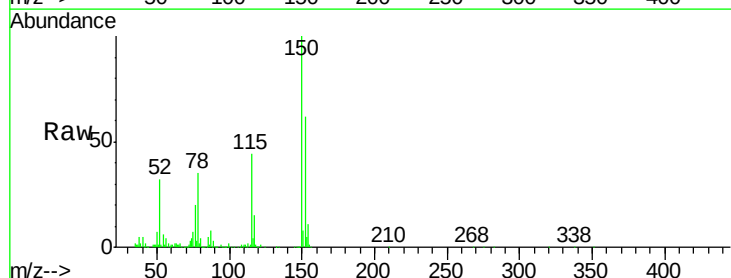
Tgt Ion: 79 Resp: 12289

Ion Ratio Lower Upper

79 100

108 38.7 45.5 68.3#

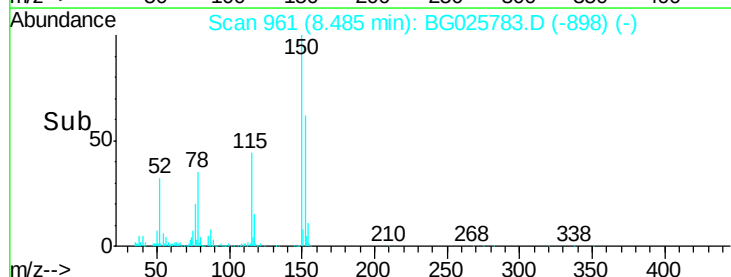
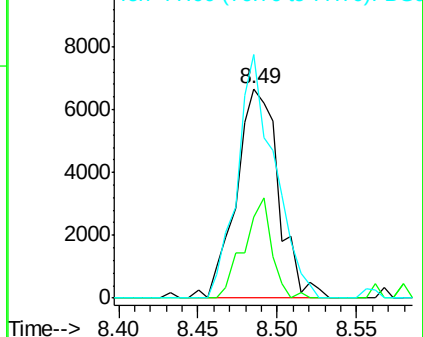
77 116.3 54.3 81.5#

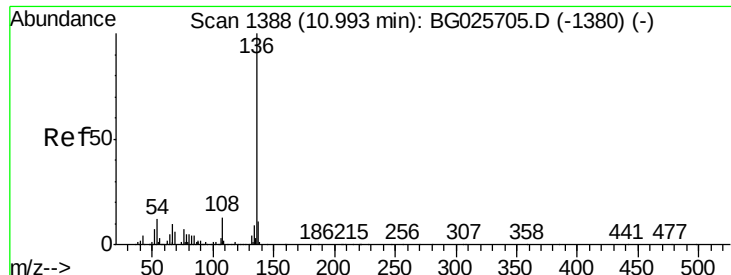


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

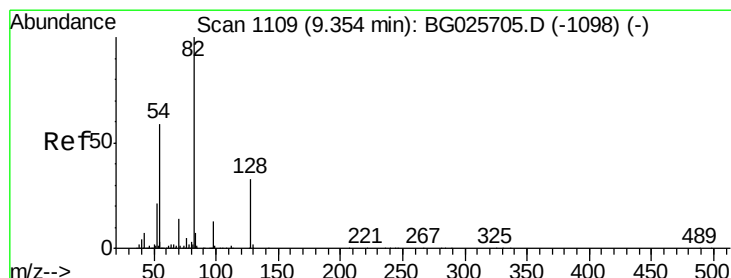
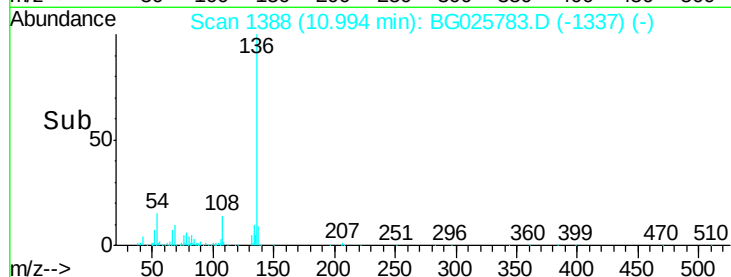
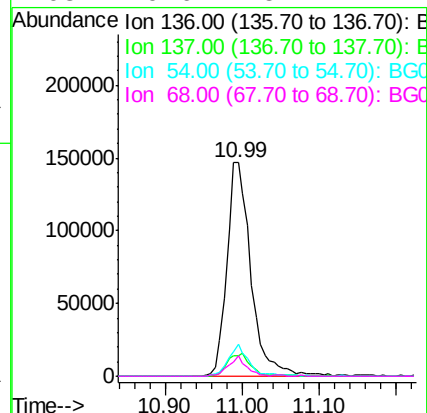
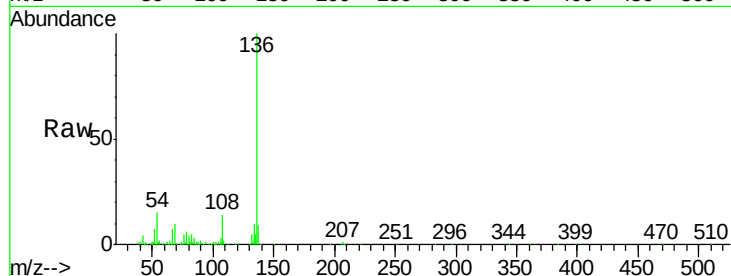




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BG025783.D
Acq: 3 Feb 2017 7:24

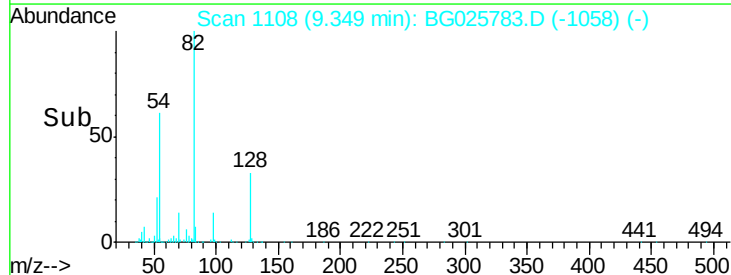
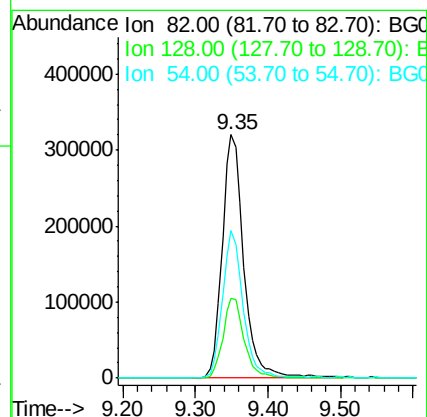
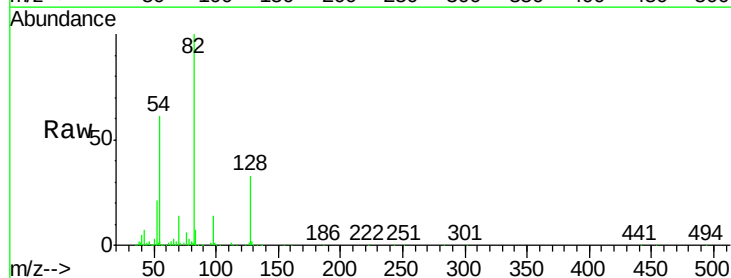
Instrument :
BNA_G
ClientSampleId :
PB96669BL

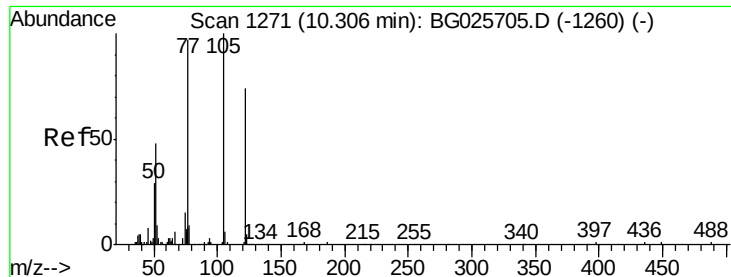
Tgt Ion:	136	Resp:	320536
Ion	Ratio	Lower	Upper
136	100		
137	9.5	8.9	13.3
54	14.8	9.3	13.9#
68	9.6	5.1	7.7#



#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

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

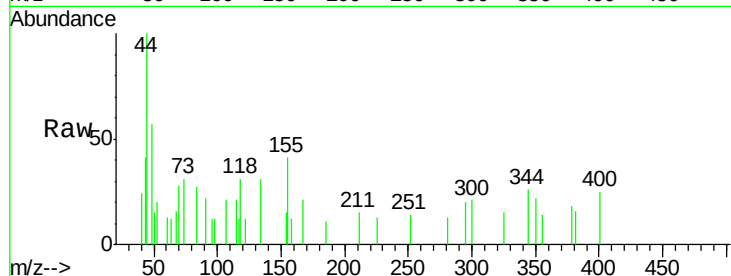




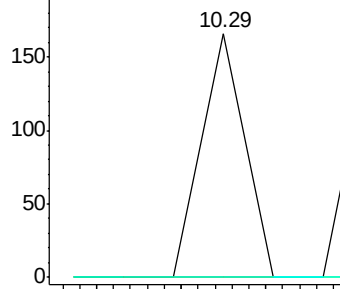
#32
Benzoic acid
Concen: 7.90 ng
RT: 10.29 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BG025783.D
Acq: 3 Feb 2017 7:24

Instrument :
BNA_G
ClientSampleId :
PB96669BL

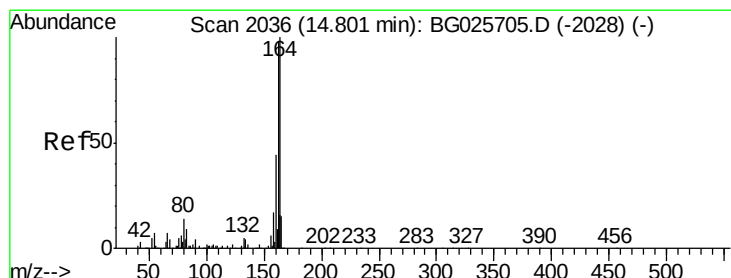
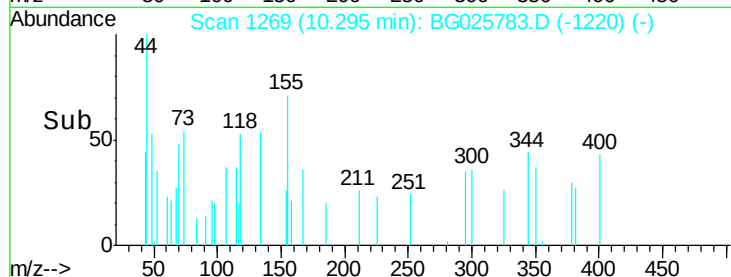
Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	120.1	160.1#
77	0.0	104.6	144.6#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

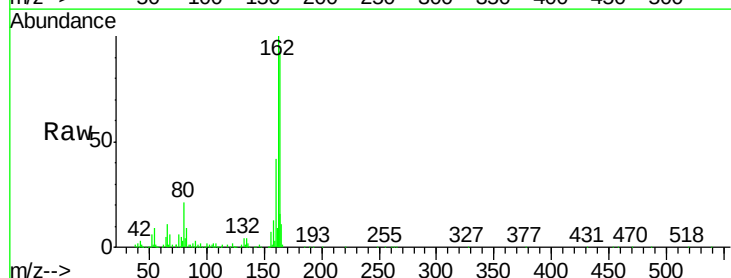


Time-->

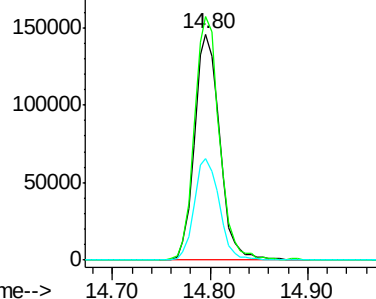


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG025783.D
Acq: 3 Feb 2017 7:24

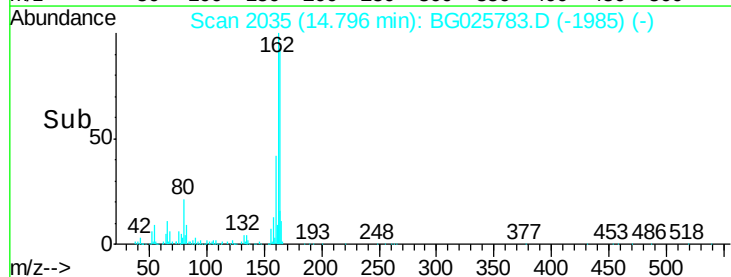
Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.7	85.1	127.7
160	44.7	34.7	52.1

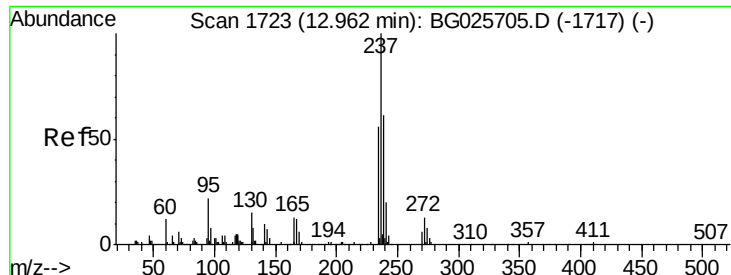


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



Time-->

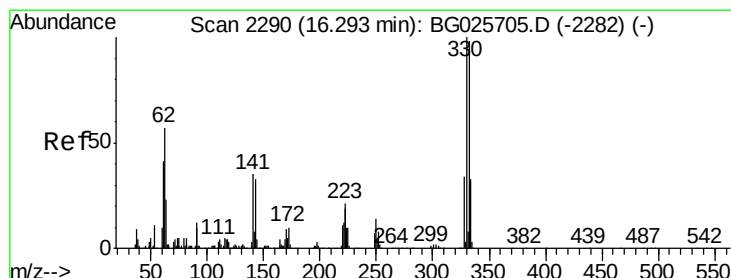
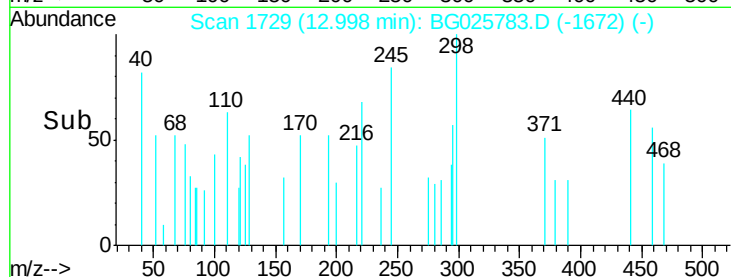
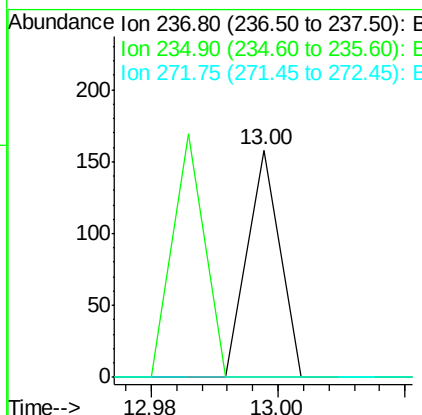
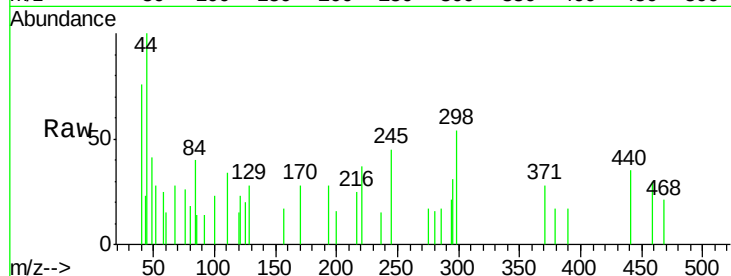




#40
Hexachlorocyclopentadiene
Concen: 10.70 ng
RT: 13.00 min Scan# 1729
Delta R.T. 0.04 min
Lab File: BG025783.D
Acq: 3 Feb 2017 7:24

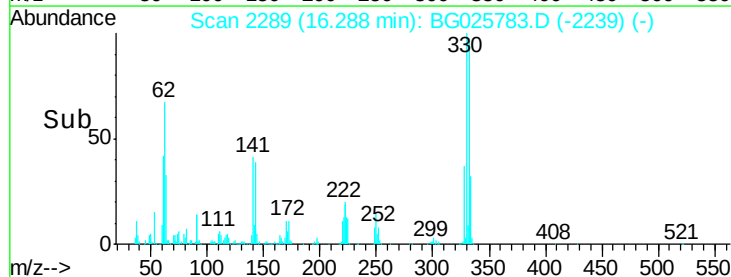
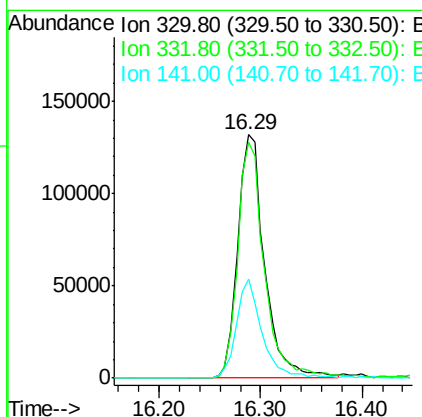
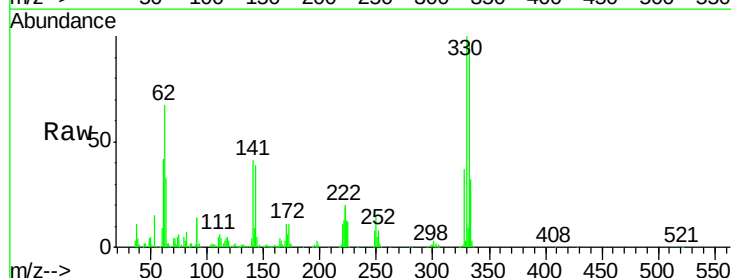
Instrument :
BNA_G
ClientSampleId :
PB96669BL

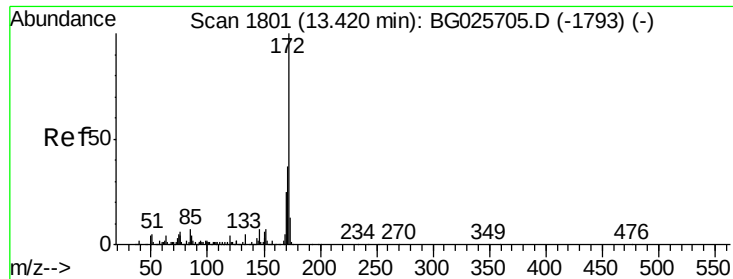
Tgt Ion: 237 Resp: 56
Ion Ratio Lower Upper
237 100
235 0.0 39.4 79.4#
272 0.0 0.0 32.0



#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

Tgt Ion: 330 Resp: 243058
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

Instrument :

BNA_G

ClientSampled :

PB96669BL

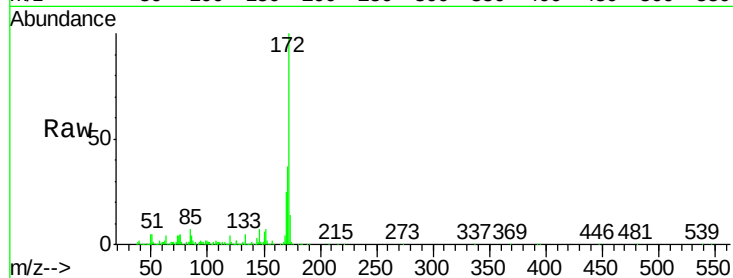
Tgt Ion:172 Resp: 1368115

Ion Ratio Lower Upper

172 100

171 36.9 32.2 48.2

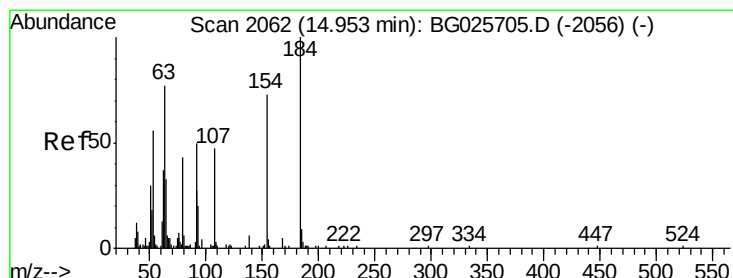
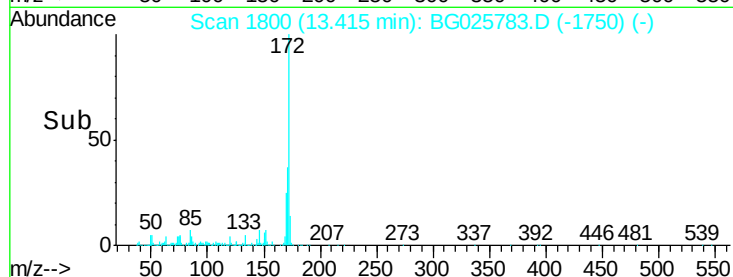
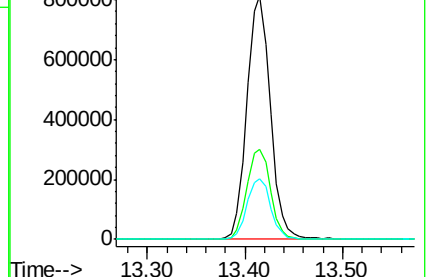
170 25.1 21.8 32.6



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



#53

2,4-Dinitrophenol

Concen: 9.46 ng

RT: 14.99 min Scan# 2068

Delta R.T. 0.04 min

Lab File: BG025783.D

Acq: 3 Feb 2017 7:24

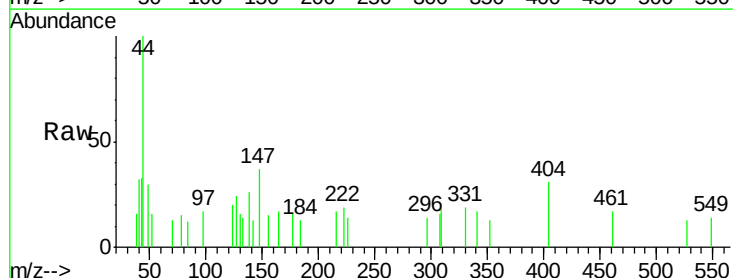
Tgt Ion:184 Resp: 54

Ion Ratio Lower Upper

184 100

63 0.0 52.7 79.1#

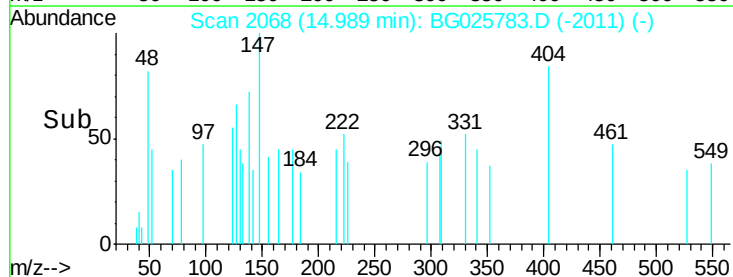
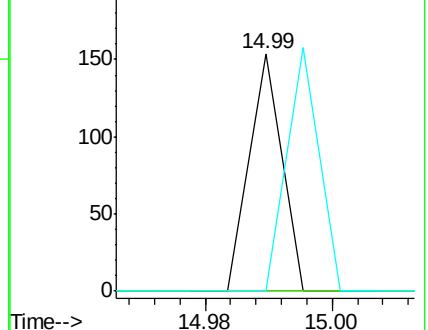
154 0.0 57.3 85.9#

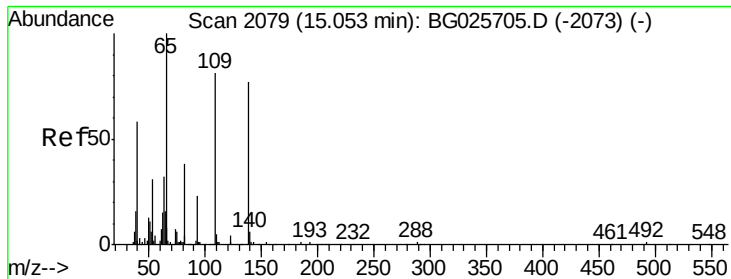


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E

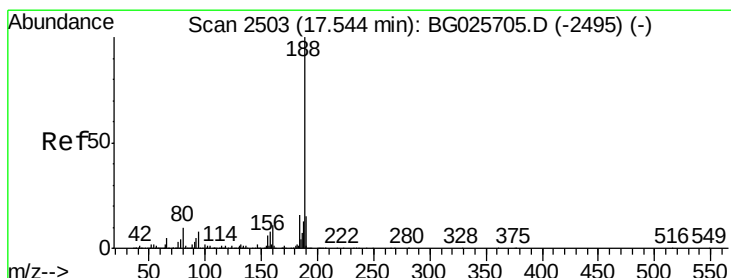
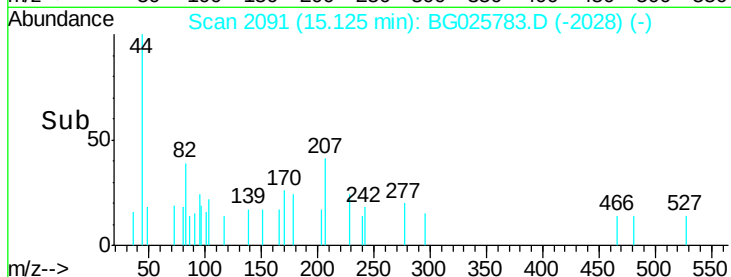
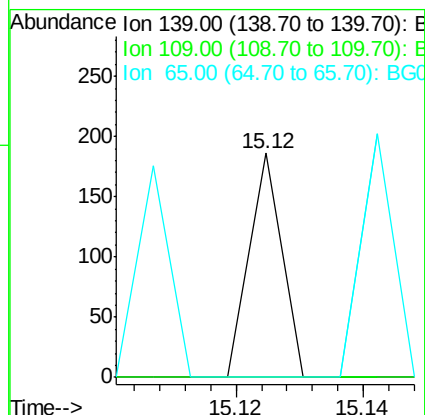
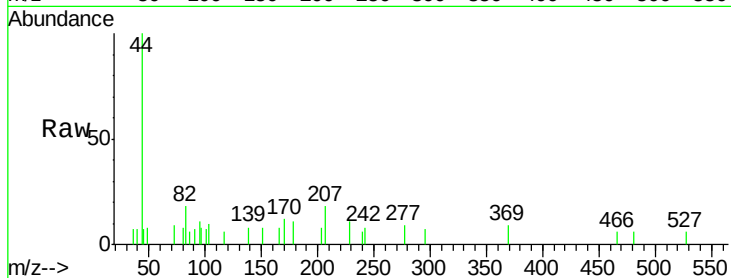




#55
4-Nitrophenol
Concen: 5.60 ng
RT: 15.12 min Scan# 2091
Delta R.T. 0.07 min
Lab File: BG025783.D
Acq: 3 Feb 2017 7:24

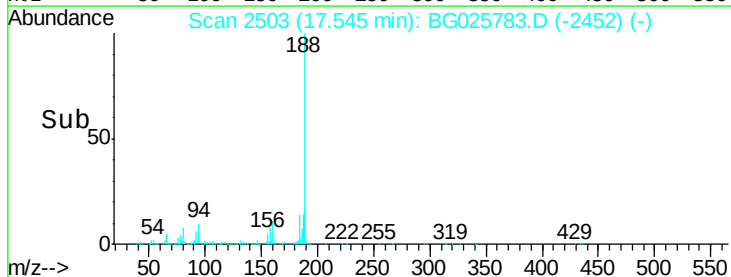
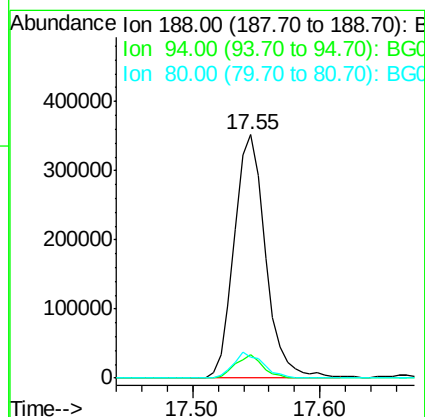
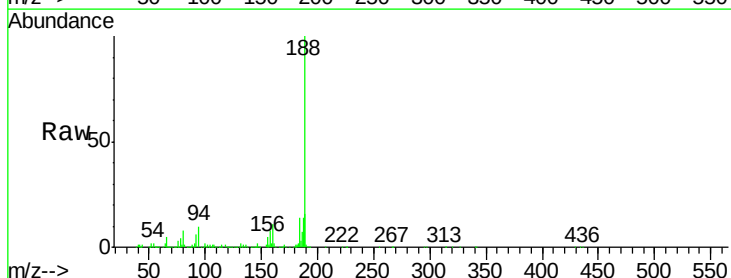
Instrument :
BNA_G
ClientSampled :
PB96669BL

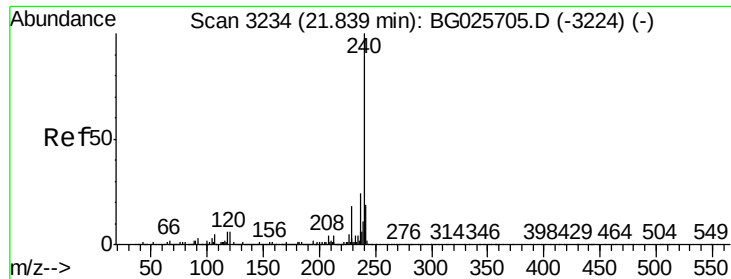
Tgt Ion:139 Resp: 66
Ion Ratio Lower Upper
139 100
109 0.0 101.2 141.2#
65 0.0 135.3 175.3#



#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

Tgt Ion:188 Resp: 600539
Ion Ratio Lower Upper
188 100
94 9.8 5.8 8.8#
80 8.3 7.5 11.3

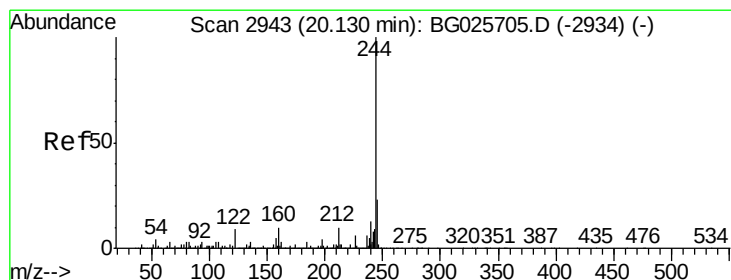
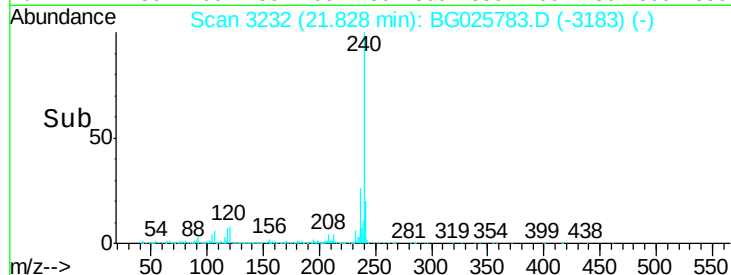
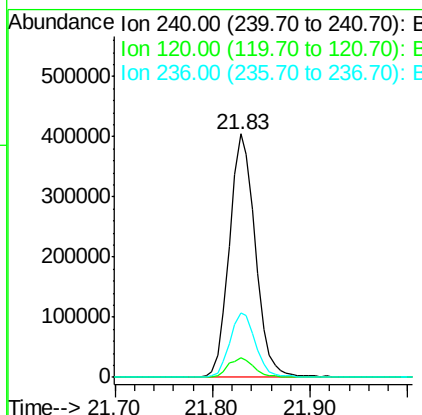
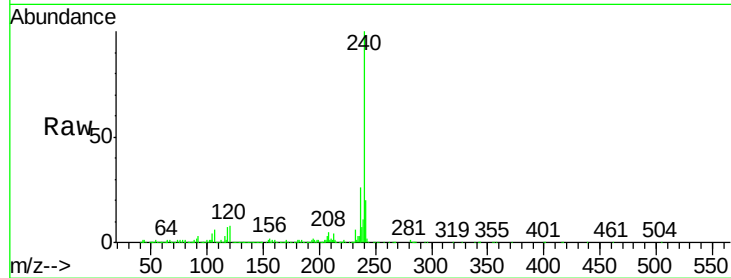




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.83 min Scan# 3232
 Delta R.T. -0.01 min
 Lab File: BG025783.D
 Acq: 3 Feb 2017 7:24

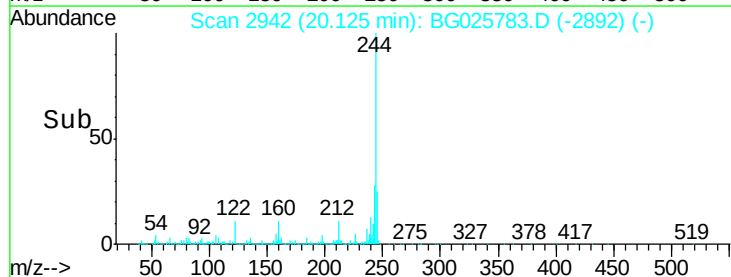
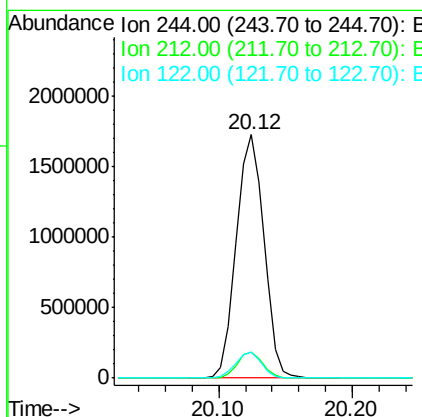
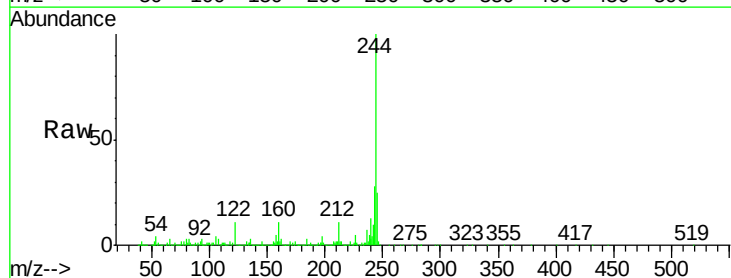
Instrument :
 BNA_G
 ClientSampleId :
 PB96669BL

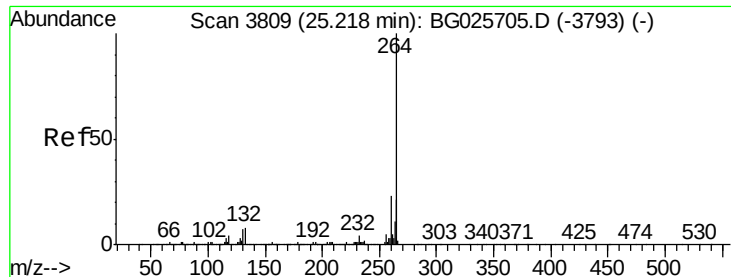
Tgt Ion:240 Resp: 746785
 Ion Ratio Lower Upper
 240 100
 120 8.1 5.7 8.5
 236 26.4 22.2 33.4



#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

Tgt Ion:244 Resp: 2485840
 Ion Ratio Lower Upper
 244 100
 212 10.5 10.0 15.0
 122 10.7 8.6 12.8

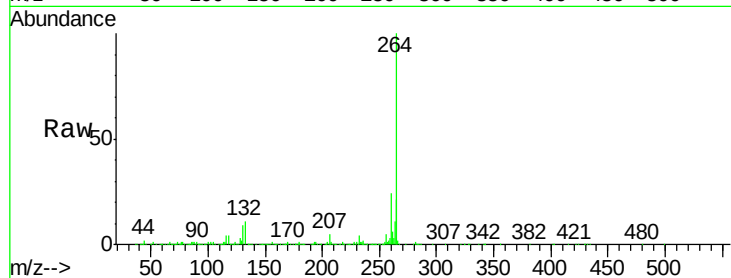




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3807
Delta R.T. -0.01 min
Lab File: BG025783.D
Acq: 3 Feb 2017 7:24

Instrument :
BNA_G
ClientSampleId :
PB96669BL

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

