

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020317\
 Data File : BG025787.D
 Acq On : 3 Feb 2017 10:00
 Operator : SJ/MA
 Sample : I1665-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 03 12:32:44 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

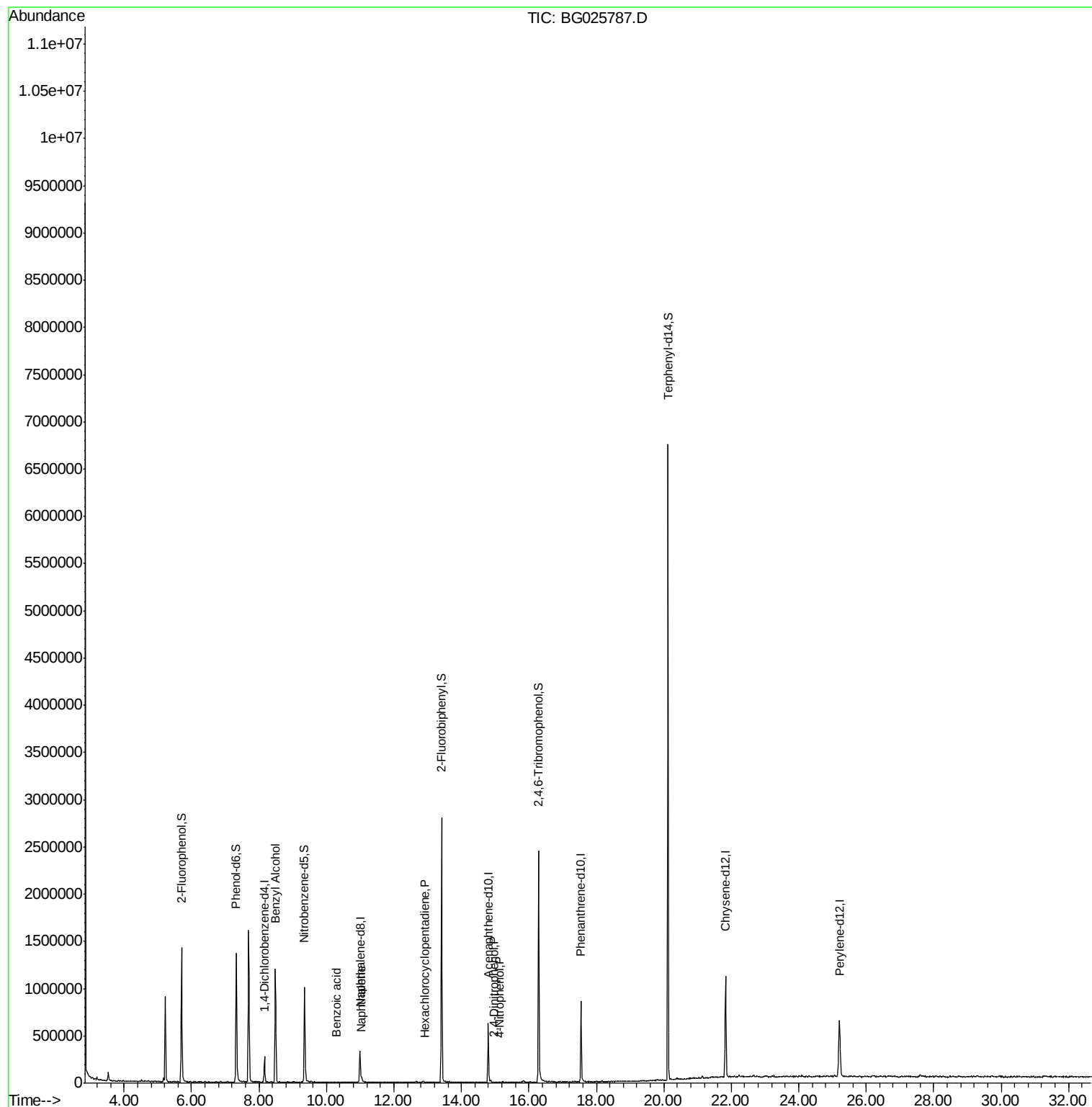
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	68743	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	298601	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	230833	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	570557	20.00	ng	0.00
75) Chrysene-d12	21.83	240	706040	20.00	ng	-0.01
86) Perylene-d12	25.20	264	714957	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	585142	152.55	ng	0.00
7) Phenol-d6	7.33	99	789770	140.98	ng	0.00
23) Nitrobenzene-d5	9.35	82	682057	96.51	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	494973	150.36	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1418939	99.83	ng	0.00
78) Terphenyl-d14	20.13	244	2577447	88.11	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.49	79	12292	2.54	ng	# 60
31) Naphthalene	11.04	128	35730	2.30	ng	# 94
32) Benzoic acid	10.28	122	127	7.92	ng	# 19
40) Hexachlorocyclopentadiene	12.92	237	60	10.70	ng	# 29
53) 2,4-Dinitrophenol	14.96	184	72	9.47	ng	# 41
55) 4-Nitrophenol	15.14	139	213	5.65	ng	# 1

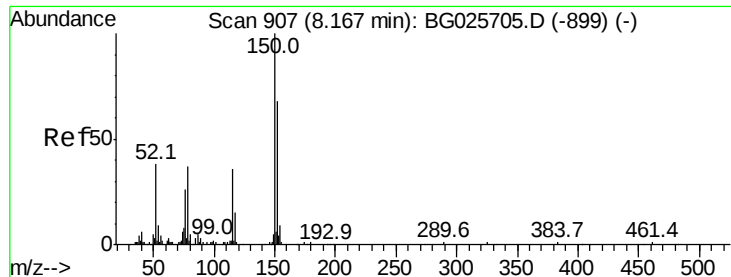
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.00 min

Lab File: BG025787.D

Acq: 3 Feb 2017 10:00

Instrument :

BNA_G

ClientSampleId :

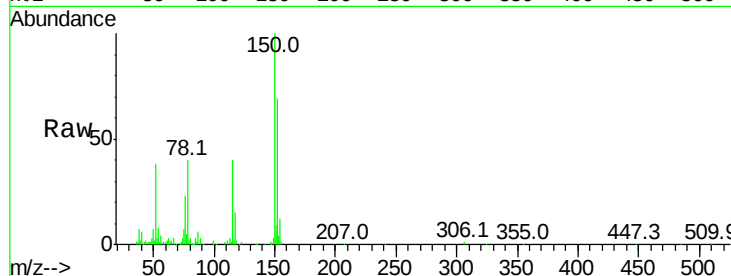
Tot Ion:152 Resp: 68743

Ion Ratio Lower Upper

152 100

150 145.1 114.0 171.0

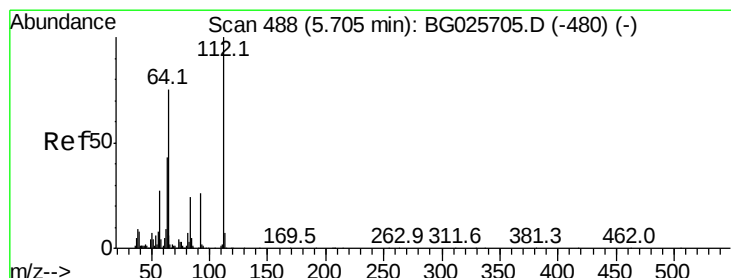
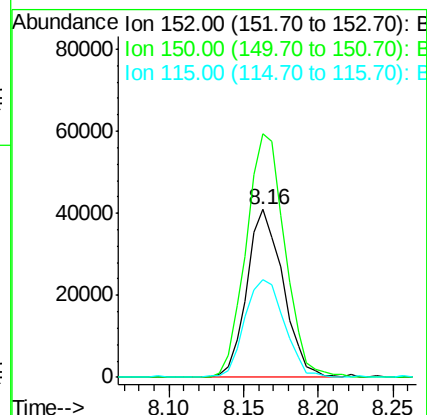
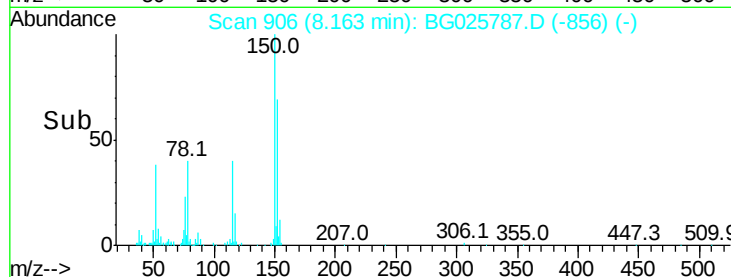
115 58.1 48.1 72.1



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: 152.55 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG025787.D

Acq: 3 Feb 2017 10:00

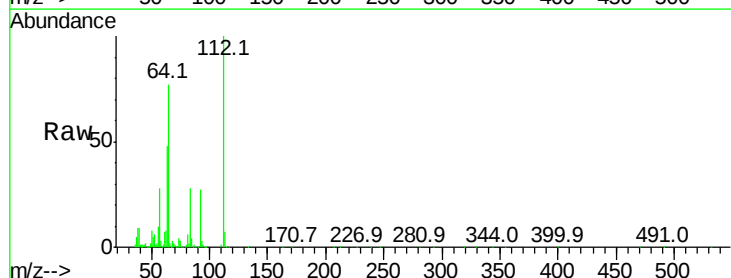
Tgt Ion:112 Resp: 585142

Ion Ratio Lower Upper

112 100

64 76.6 61.8 92.6

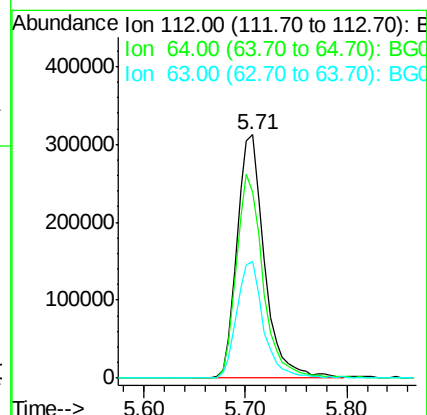
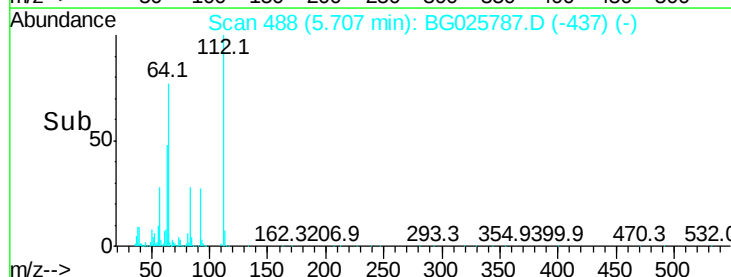
63 48.0 37.2 55.8

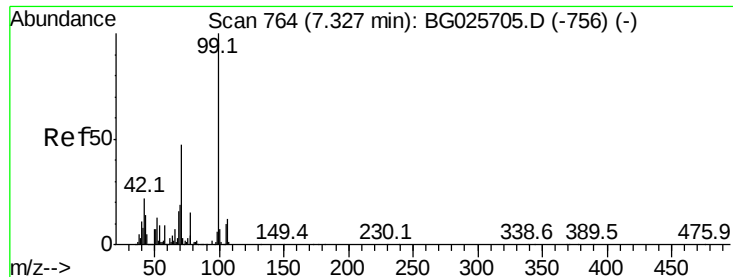


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 140.98 ng

RT: 7.33 min Scan# 764

Delta R.T. 0.00 min

Lab File: BG025787.D

Acq: 3 Feb 2017 10:00

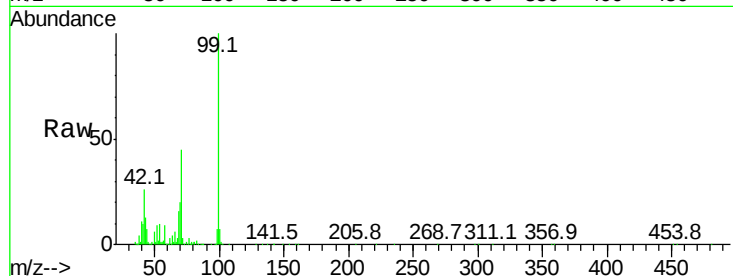
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 789770

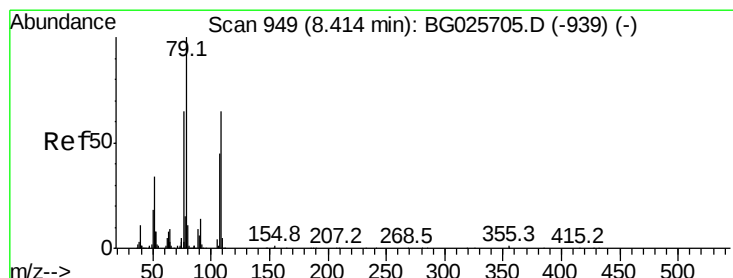
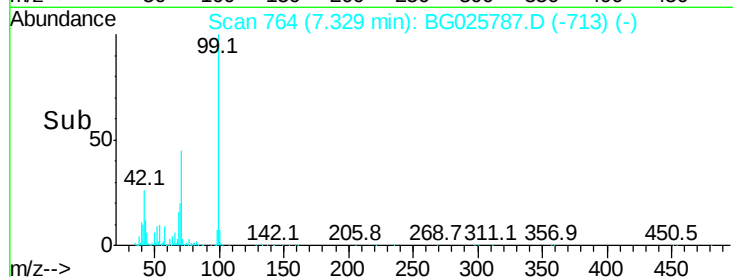
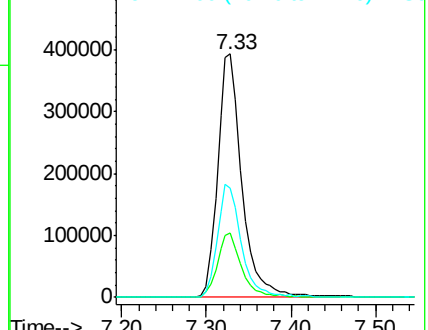
Ion	Ratio	Lower	Upper
99	100		
42	26.3	20.5	30.7
71	45.1	37.6	56.4



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: 2.54 ng

RT: 8.49 min Scan# 961

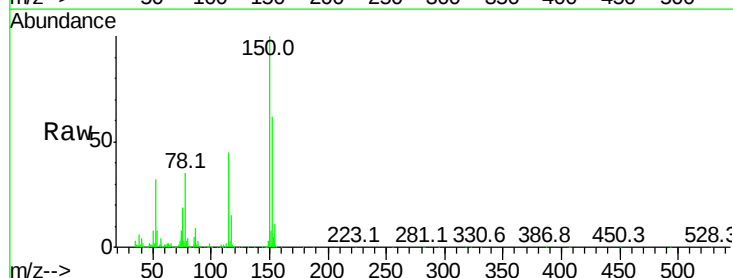
Delta R.T. 0.07 min

Lab File: BG025787.D

Acq: 3 Feb 2017 10:00

Tgt Ion: 79 Resp: 12292

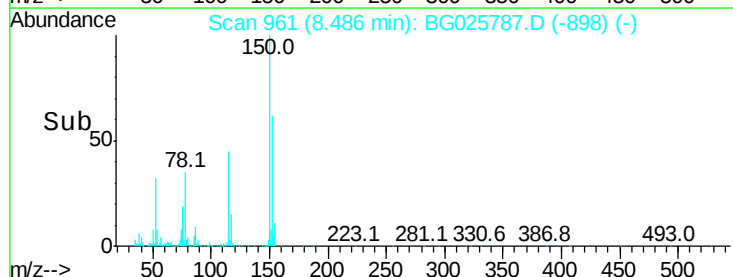
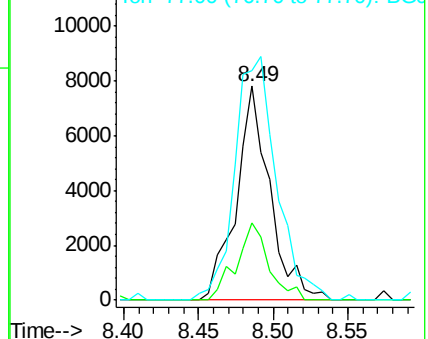
Ion	Ratio	Lower	Upper
79	100		
108	36.0	45.5	68.3#
77	107.6	54.3	81.5#

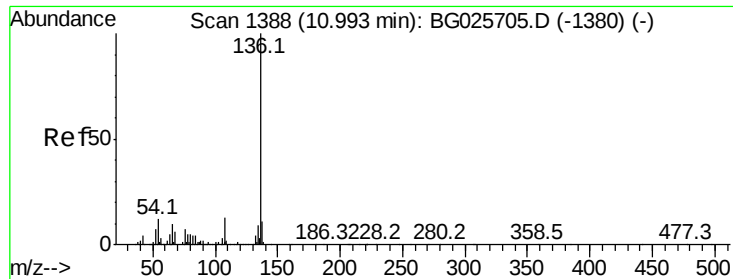


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

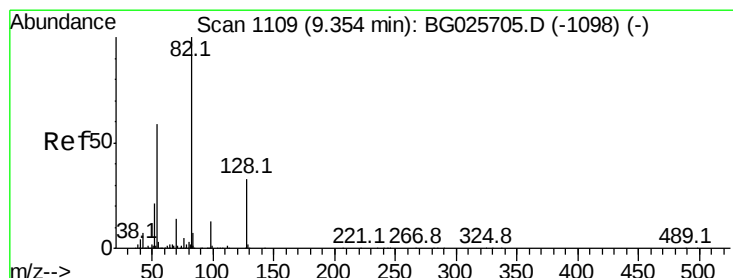
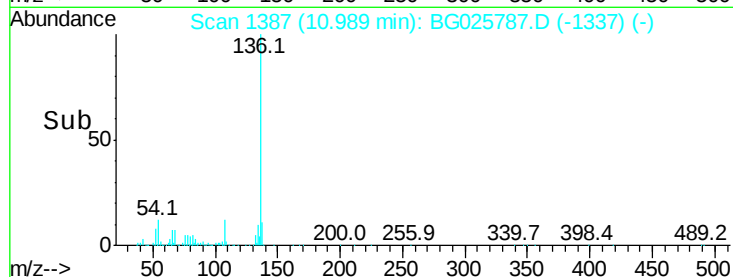
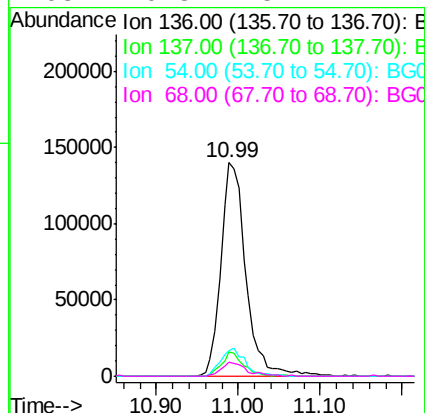
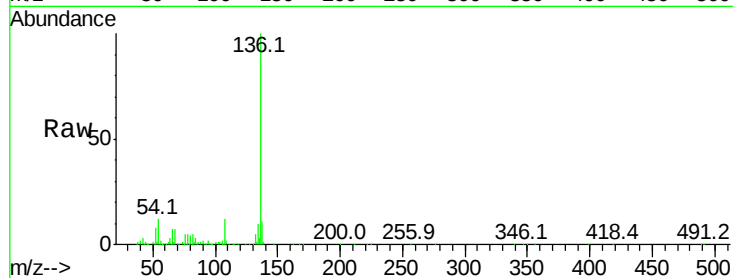




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BG025787.D
Acq: 3 Feb 2017 10:00

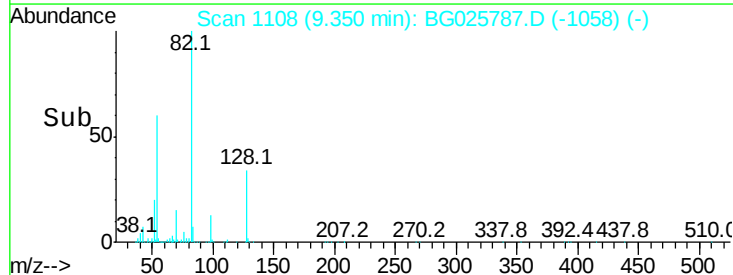
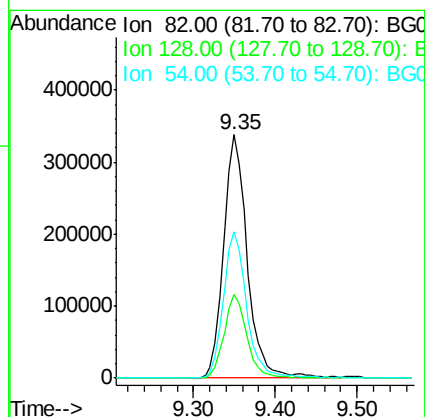
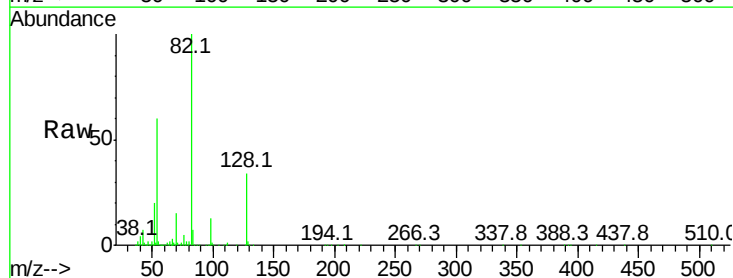
Instrument :
BNA_G
ClientSampleId :

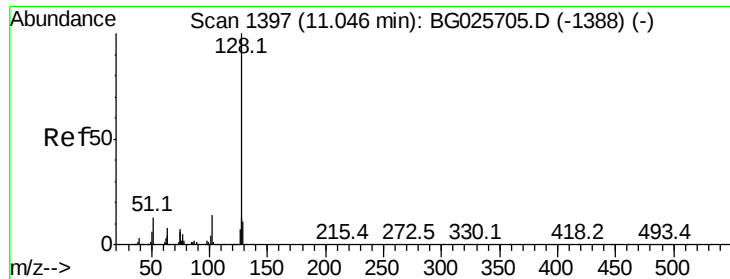
Tot Ion:	136	Resp:	298601
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	11.8	9.3	13.9
68	6.8	5.1	7.7



#23
Nitrobenzene-d5
Concen: 96.51 ng
RT: 9.35 min Scan# 1108
Delta R.T. -0.00 min
Lab File: BG025787.D
Acq: 3 Feb 2017 10:00

Tgt Ion:	82	Resp:	682057
Ion	Ratio	Lower	Upper
82	100		
128	34.3	26.4	39.6
54	60.0	49.4	74.2

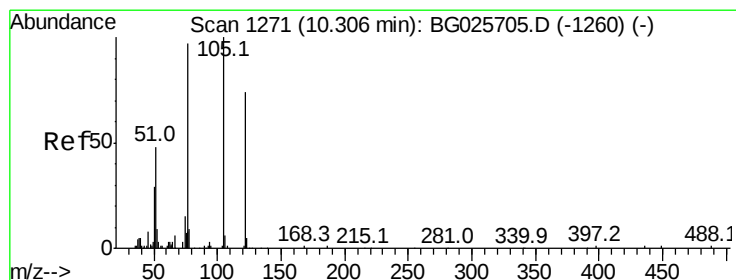
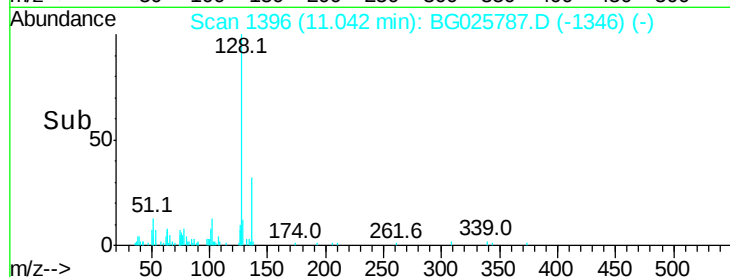
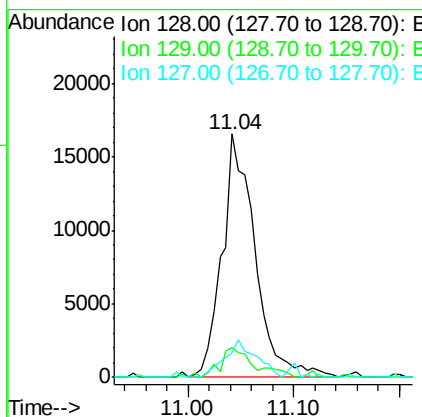
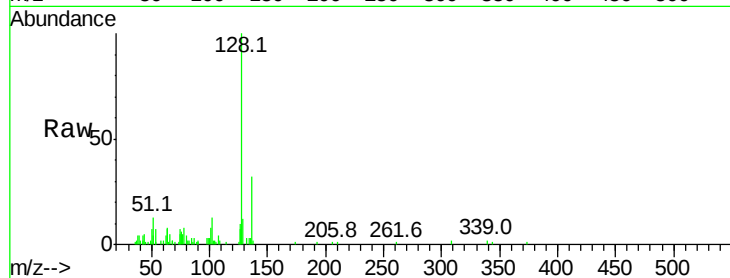




#31
Naphthalene
Concen: 2.30 ng
RT: 11.04 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BG025787.D
Acq: 3 Feb 2017 10:00

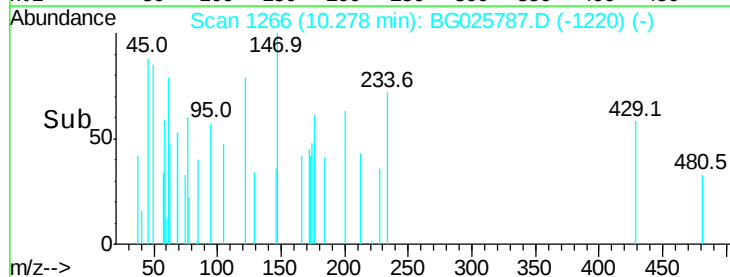
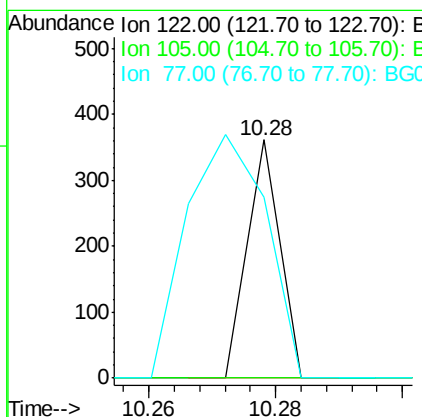
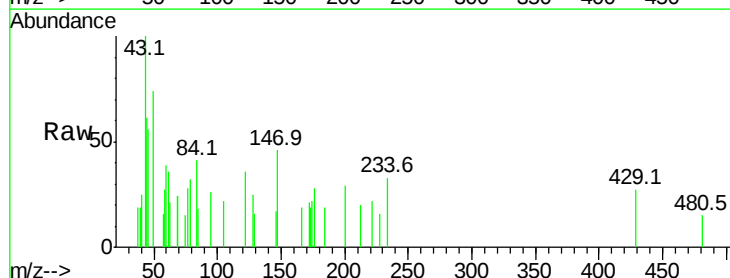
Instrument :
BNA_G
ClientSampleId :

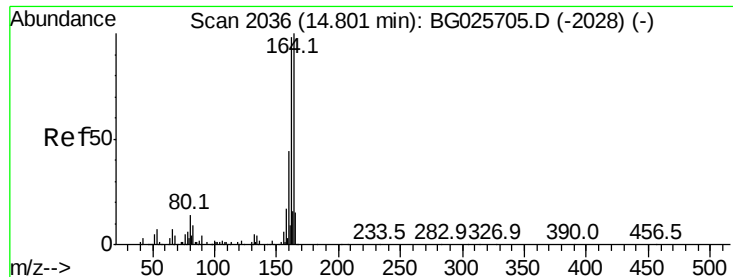
Tot Ion:128 Resp: 35730
Ion Ratio Lower Upper
128 100
129 12.3 9.3 13.9
127 10.3 11.4 17.0#



#32
Benzoic acid
Concen: 7.92 ng
RT: 10.28 min Scan# 1266
Delta R.T. -0.03 min
Lab File: BG025787.D
Acq: 3 Feb 2017 10:00

Tgt Ion:122 Resp: 127
Ion Ratio Lower Upper
122 100
105 0.0 120.1 160.1#
77 76.2 104.6 144.6#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG025787.D

Acq: 3 Feb 2017 10:00

Instrument :

BNA_G

ClientSampleId :

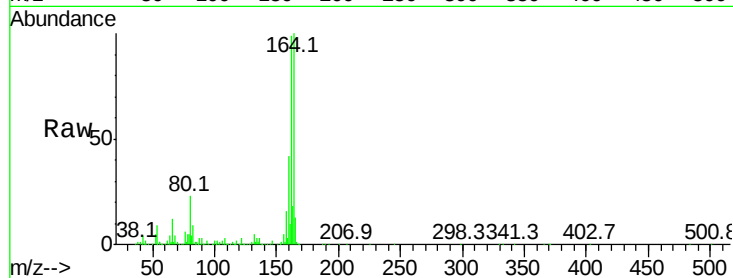
Tot Ion:164 Resp: 230833

Ion Ratio Lower Upper

164 100

162 98.6 85.1 127.7

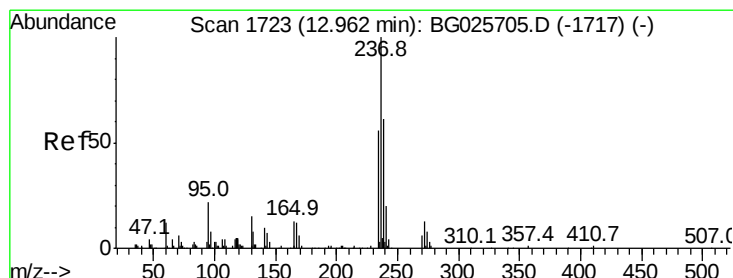
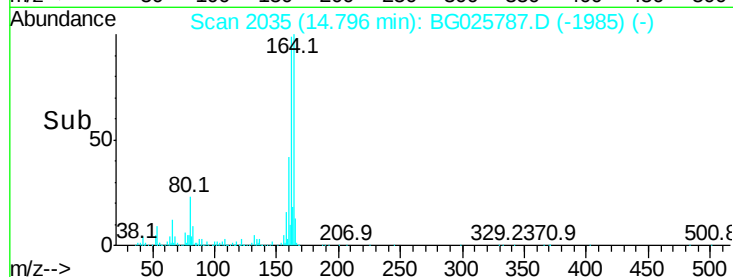
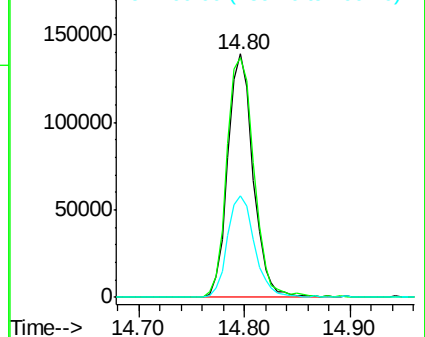
160 41.8 34.7 52.1



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



#40

Hexachlorocyclopentadiene

Concen: 10.70 ng

RT: 12.92 min Scan# 1715

Delta R.T. -0.04 min

Lab File: BG025787.D

Acq: 3 Feb 2017 10:00

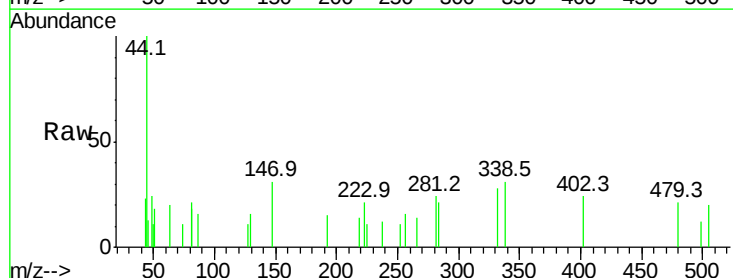
Tgt Ion:237 Resp: 60

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

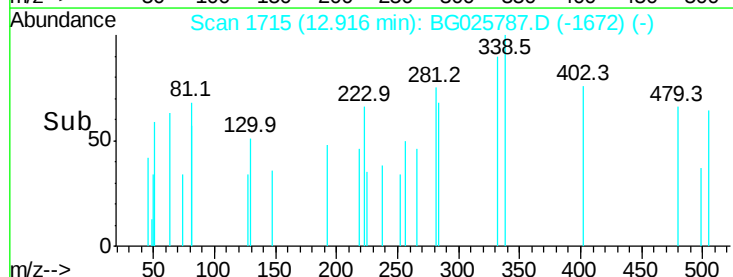
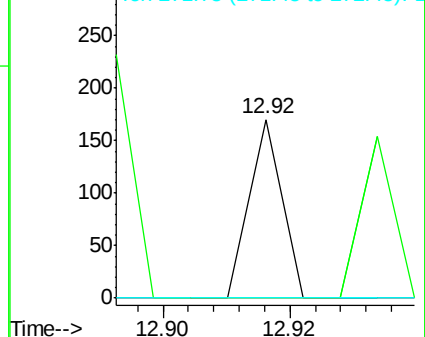
272 0.0 0.0 32.0

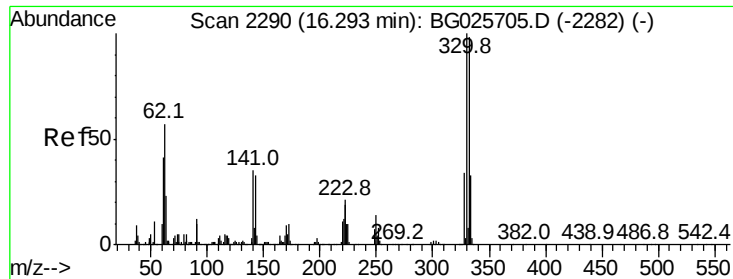


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

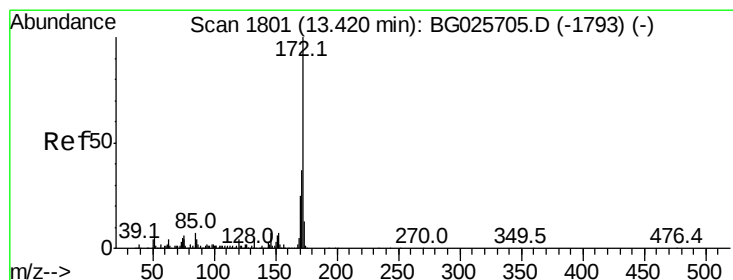
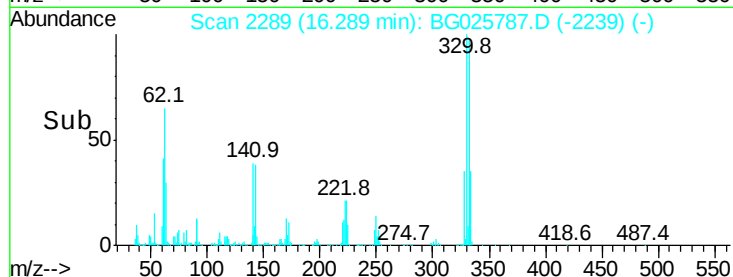
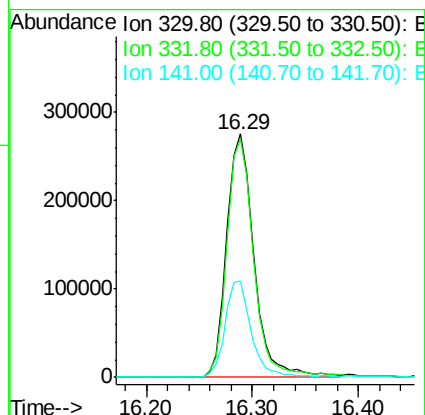
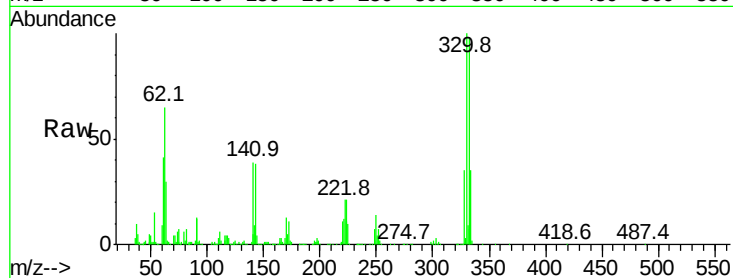




#41
 2,4,6-Tribromophenol
 Concen: 150.36 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.00 min
 Lab File: BG025787.D
 Acq: 3 Feb 2017 10:00

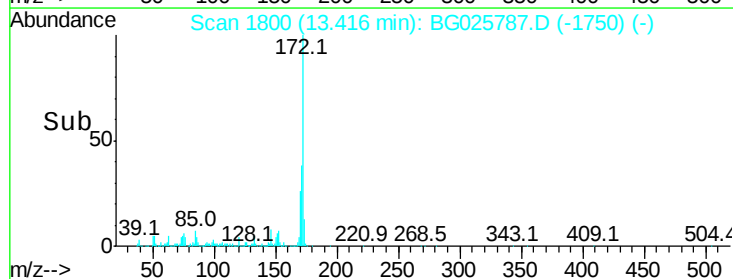
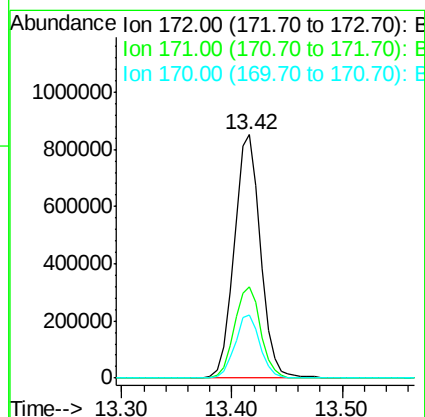
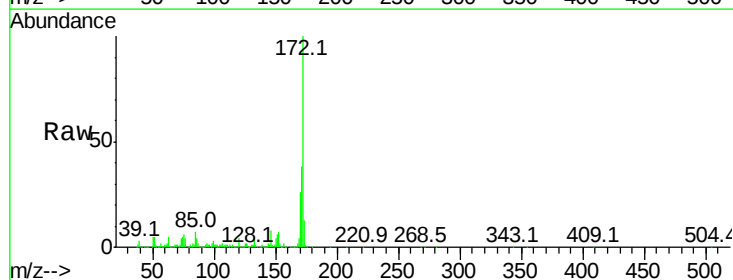
Instrument :
 BNA_G
 ClientSampleId :

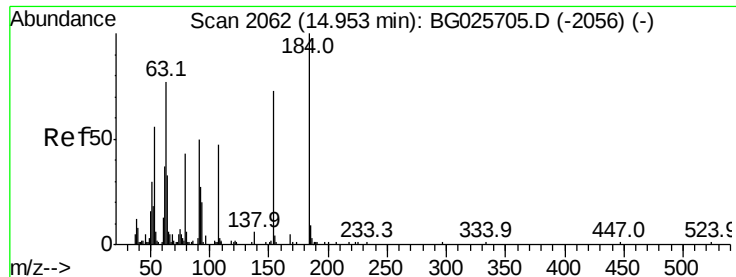
Tot Ion:330 Resp: 494973
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.3 115.9
 141 38.0 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 99.83 ng
 RT: 13.42 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BG025787.D
 Acq: 3 Feb 2017 10:00

Tgt Ion:172 Resp: 1418939
 Ion Ratio Lower Upper
 172 100
 171 37.6 32.2 48.2
 170 26.0 21.8 32.6

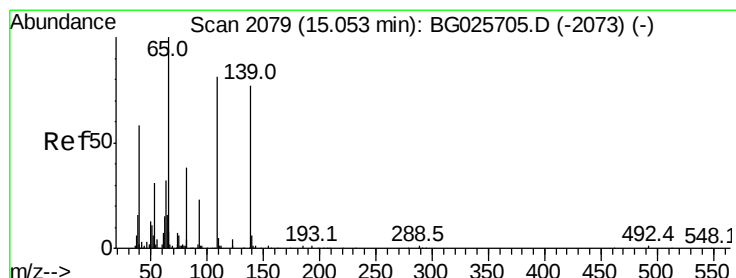
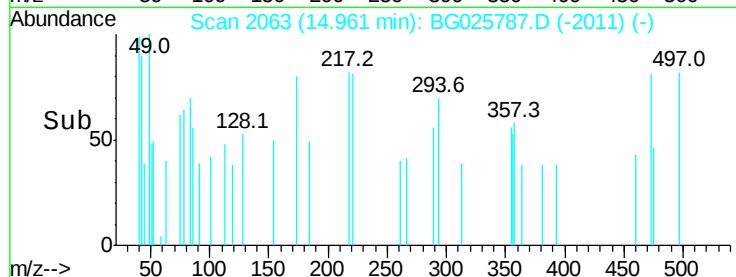
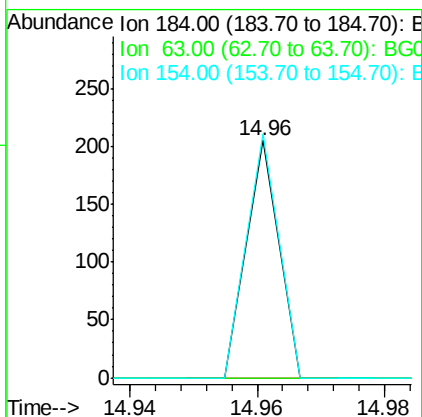
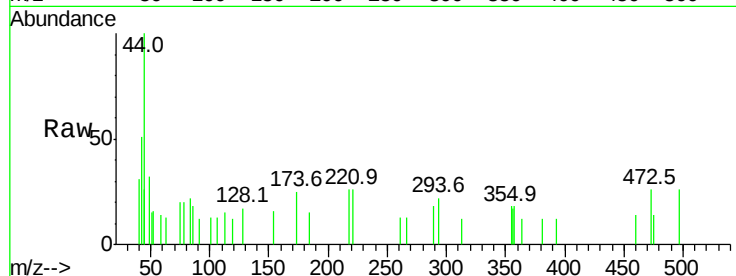




#53
2,4-Dinitrophenol
Concen: 9.47 ng
RT: 14.96 min Scan# 2063
Delta R.T. 0.01 min
Lab File: BG025787.D
Acq: 3 Feb 2017 10:00

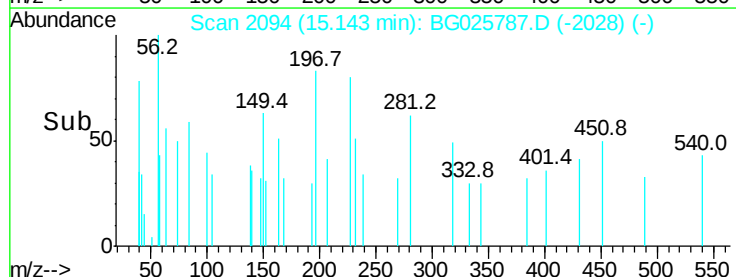
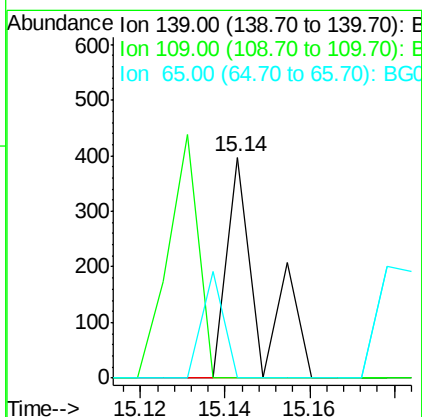
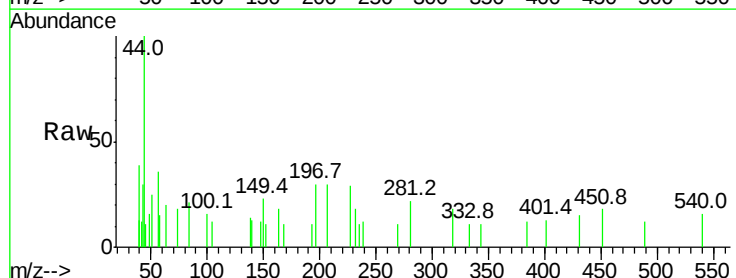
Instrument :
BNA_G
ClientSampled :

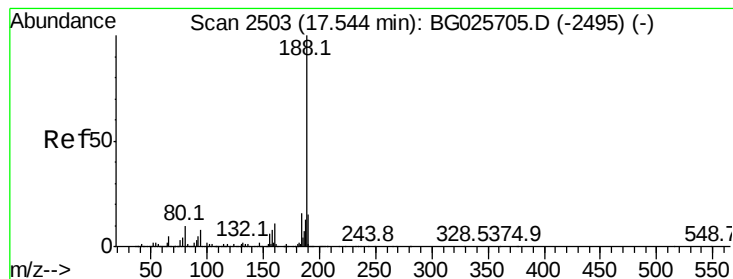
Tot Ion:184 Resp: 72
Ion Ratio Lower Upper
184 100
63 0.0 52.7 79.1#
154 102.9 57.3 85.9#



#55
4-Nitrophenol
Concen: 5.65 ng
RT: 15.14 min Scan# 2094
Delta R.T. 0.09 min
Lab File: BG025787.D
Acq: 3 Feb 2017 10:00

Tgt Ion:139 Resp: 213
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: 17.54 min Scan# 2502

Delta R.T. -0.00 min

Lab File: BG025787.D

Acq: 3 Feb 2017 10:00

Instrument :

BNA_G

ClientSampleId :

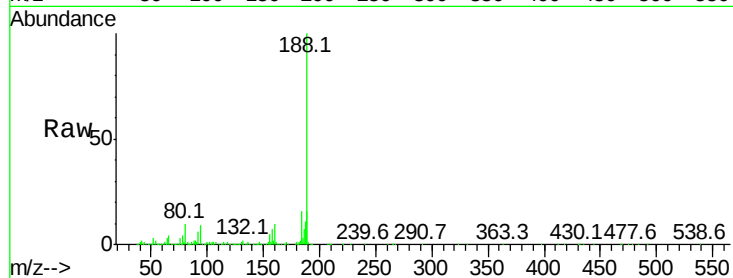
Tot Ion:188 Resp: 570557

Ion Ratio Lower Upper

188 100

94 9.2 5.8 8.8#

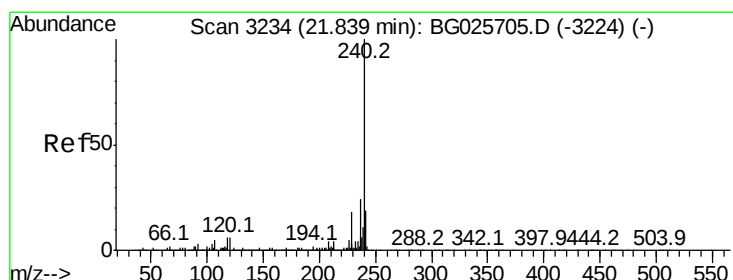
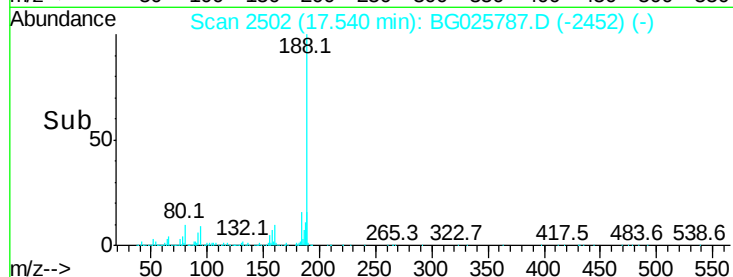
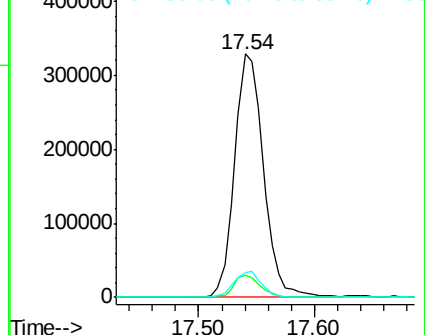
80 10.3 7.5 11.3



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: BG025787.D

Acq: 3 Feb 2017 10:00

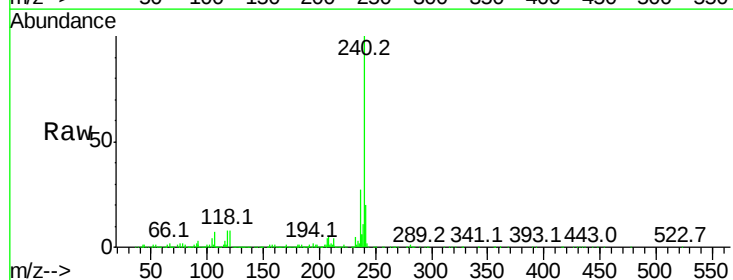
Tgt Ion:240 Resp: 706040

Ion Ratio Lower Upper

240 100

120 8.0 5.7 8.5

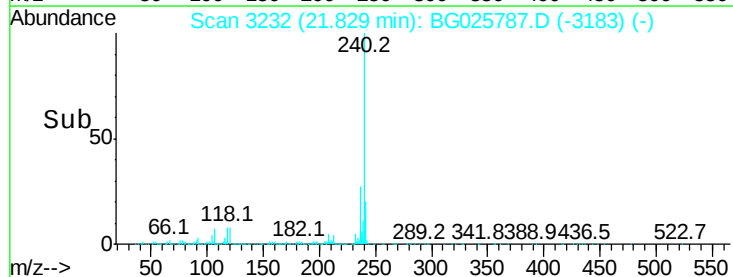
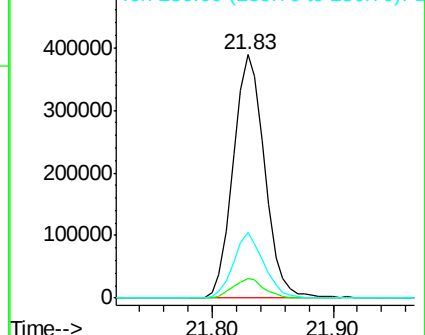
236 27.0 22.2 33.4

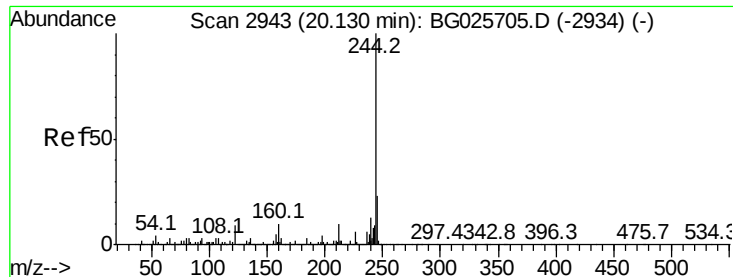


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 88.11 ng

RT: 20.13 min Scan# 2942

Delta R.T. -0.00 min

Lab File: BG025787.D

Acq: 3 Feb 2017 10:00

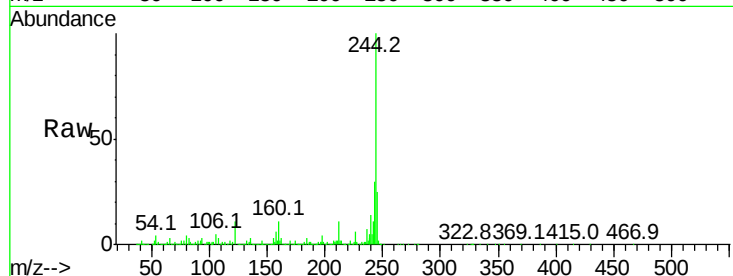
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 2577447

Ion	Ratio	Lower	Upper
244	100		
212	11.0	10.0	15.0
122	11.2	8.6	12.8

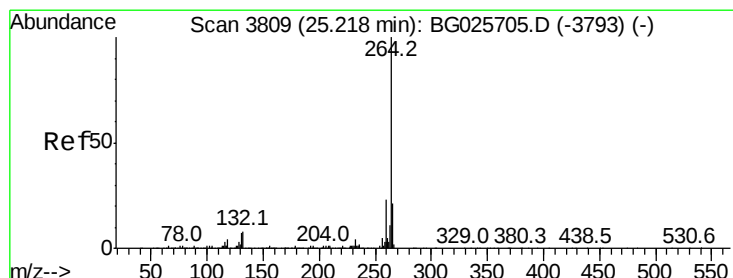
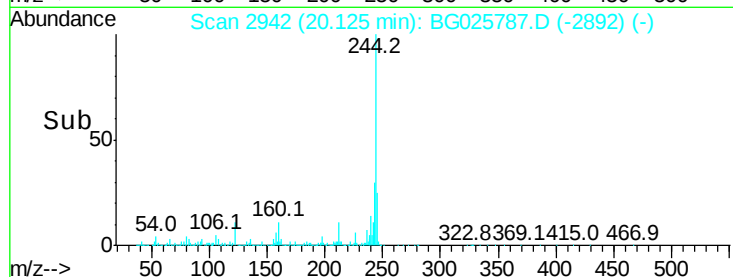
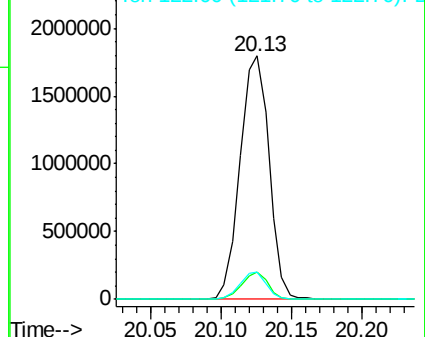


Abundance

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

Perylene-d12

Concen: 20.00 ng

RT: 25.20 min Scan# 3806

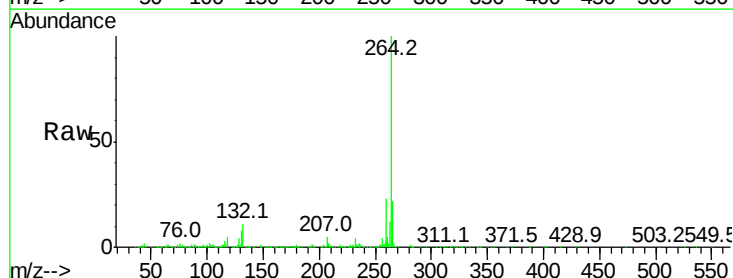
Delta R.T. -0.02 min

Lab File: BG025787.D

Acq: 3 Feb 2017 10:00

Tgt Ion:264 Resp: 714957

Ion	Ratio	Lower	Upper
264	100		
260	23.1	21.8	32.8
265	21.6	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

