

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020317\
 Data File : BG025789.D
 Acq On : 3 Feb 2017 11:18
 Operator : SJ/MA
 Sample : I1664-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 03 12:33:27 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

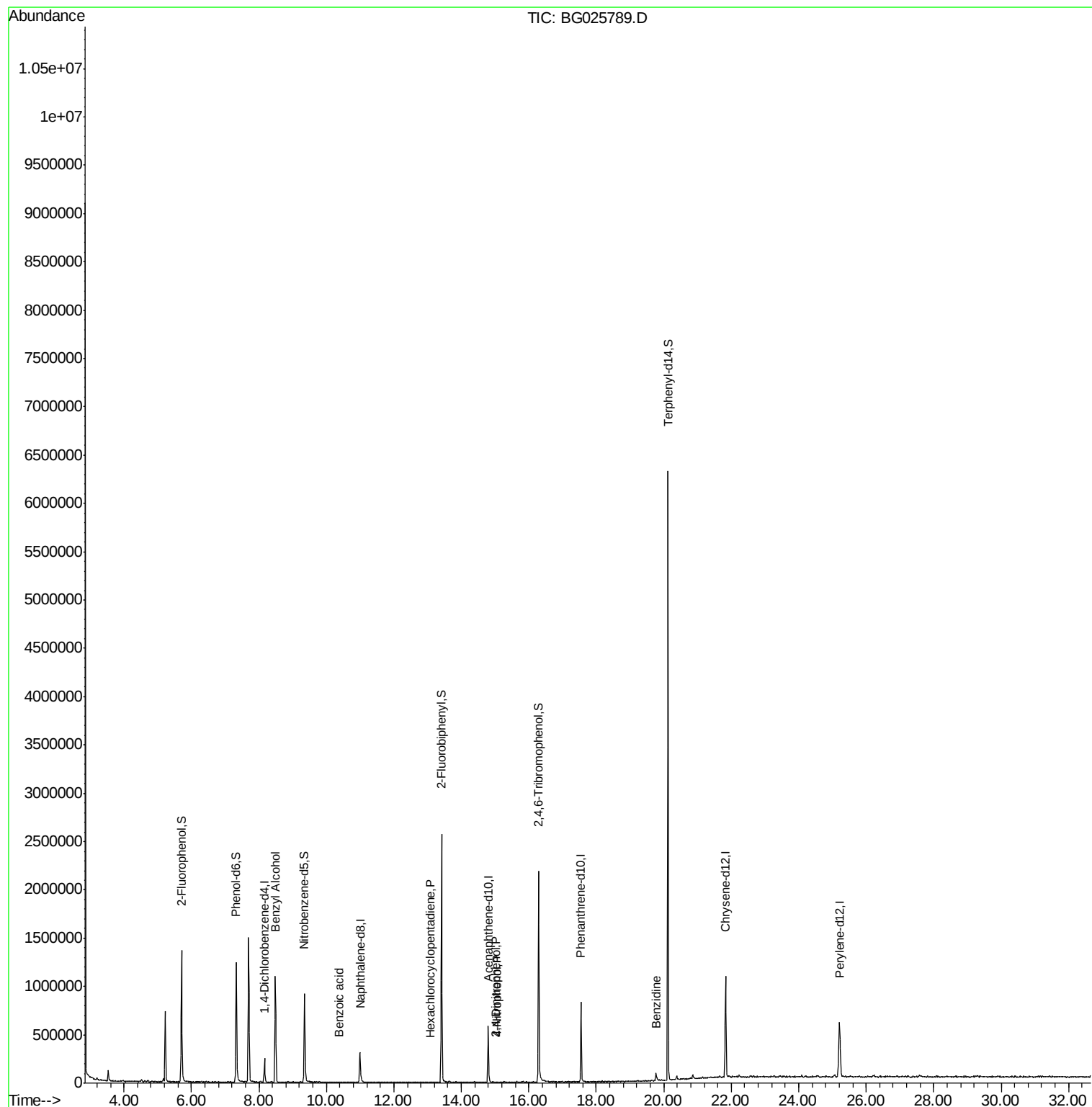
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	64711	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	275506	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	228657	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	546378	20.00	ng	0.00
75) Chrysene-d12	21.83	240	671463	20.00	ng	0.00
86) Perylene-d12	25.21	264	688328	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	535881	148.41	ng	0.00
7) Phenol-d6	7.32	99	701665	133.06	ng	0.00
23) Nitrobenzene-d5	9.35	82	617215	94.66	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	439737	134.85	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1303368	92.58	ng	0.00
78) Terphenyl-d14	20.13	244	2373658	85.33	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.49	79	11151	2.45	ng	# 13
32) Benzoic acid	10.37	122	58	7.91	ng	# 1
40) Hexachlorocyclopentadiene	13.08	237	110	10.72	ng	# 29
53) 2,4-Dinitrophenol	15.02	184	158	9.50	ng	# 15
55) 4-Nitrophenol	15.07	139	79	5.61	ng	# 1
76) Benzidine	19.77	184	69888	3.03	ng	# 92

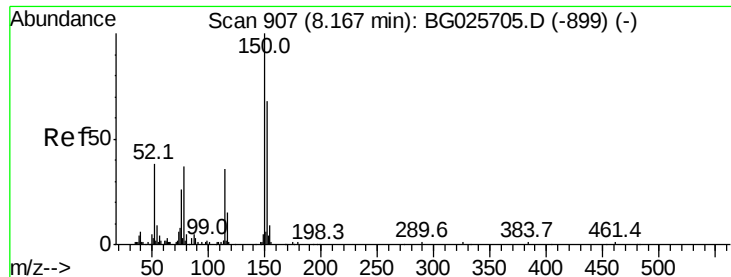
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.00 min

Lab File: BG025789.D

Acq: 3 Feb 2017 11:18

Instrument :

BNA_G

ClientSampleId :

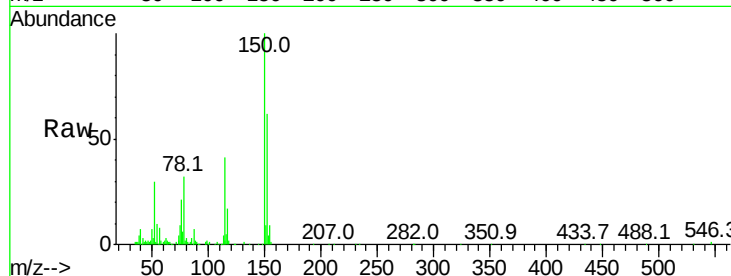
Tot Ion:152 Resp: 64711

Ion Ratio Lower Upper

152 100

150 160.2 114.0 171.0

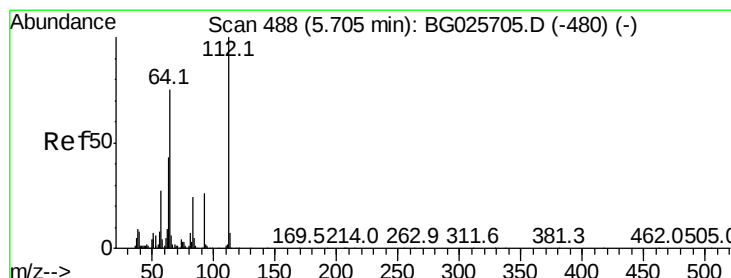
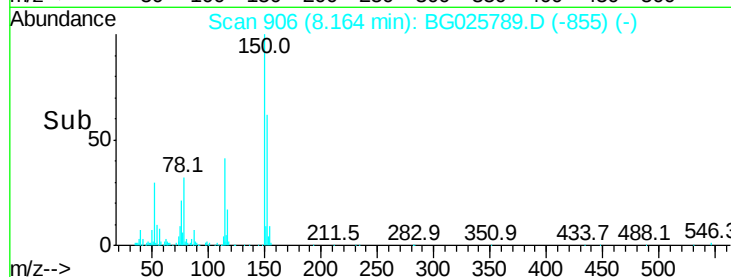
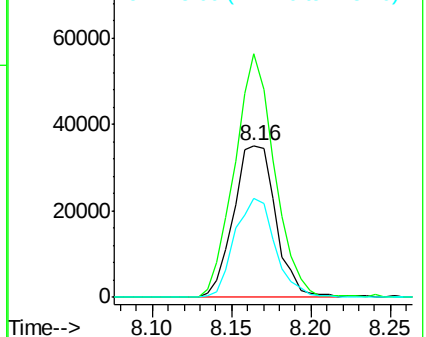
115 65.4 48.1 72.1



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: 148.41 ng

RT: 5.70 min Scan# 487

Delta R.T. -0.00 min

Lab File: BG025789.D

Acq: 3 Feb 2017 11:18

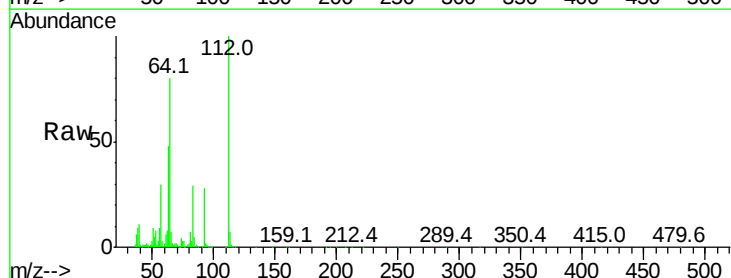
Tgt Ion:112 Resp: 535881

Ion Ratio Lower Upper

112 100

64 79.7 61.8 92.6

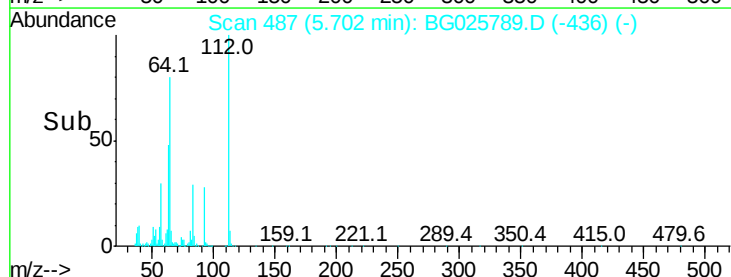
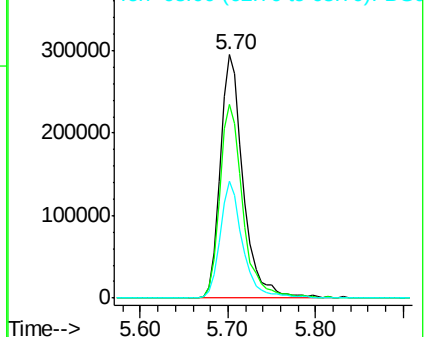
63 48.0 37.2 55.8

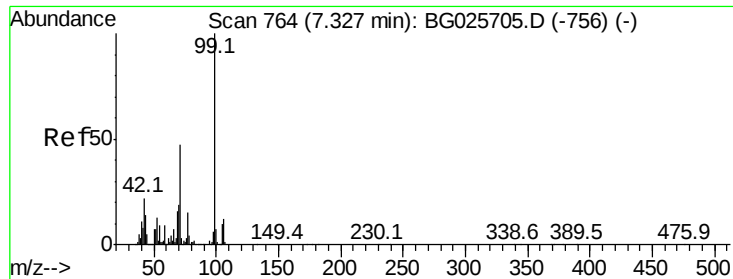


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 133.06 ng

RT: 7.32 min Scan# 763

Delta R.T. -0.00 min

Lab File: BG025789.D

Acq: 3 Feb 2017 11:18

Instrument :

BNA_G

ClientSampled :

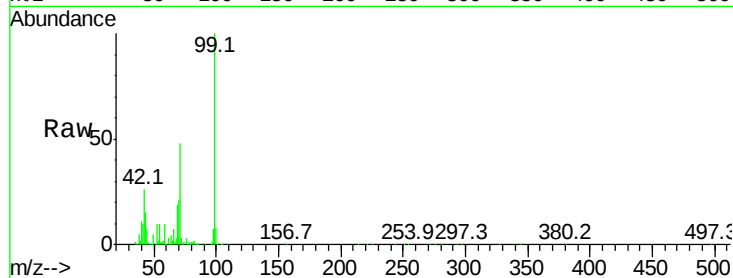
Tot Ion: 99 Resp: 701665

Ion Ratio Lower Upper

99 100

42 26.1 20.5 30.7

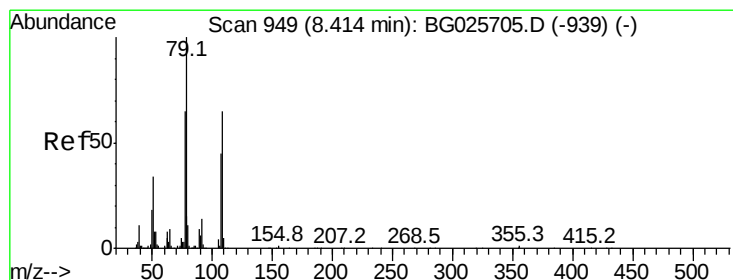
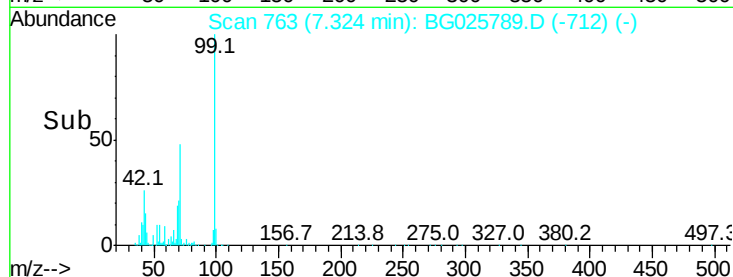
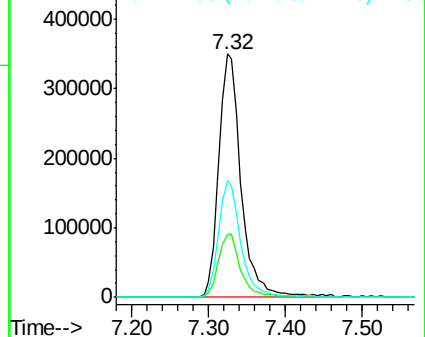
71 48.2 37.6 56.4



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: 2.45 ng

RT: 8.49 min Scan# 961

Delta R.T. 0.07 min

Lab File: BG025789.D

Acq: 3 Feb 2017 11:18

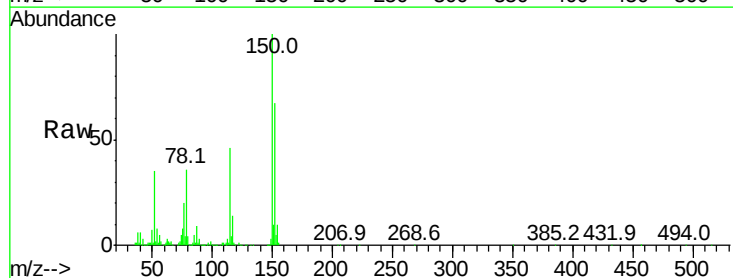
Tgt Ion: 79 Resp: 11151

Ion Ratio Lower Upper

79 100

108 22.9 45.5 68.3#

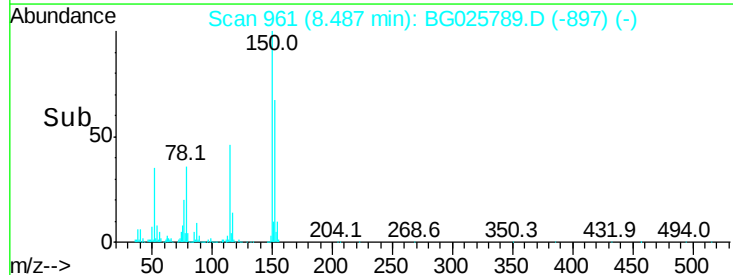
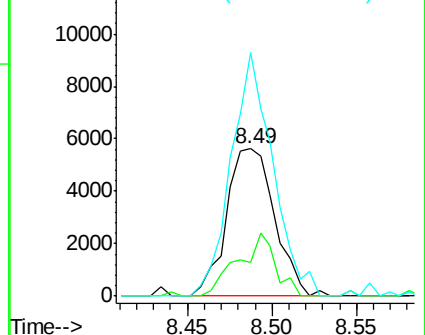
77 165.5 54.3 81.5#

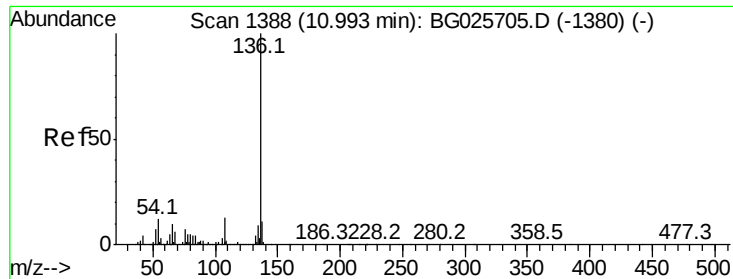


Abundance Ion 79.00 (78.70 to 79.70): BGC

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: 11.00 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BG025789.D

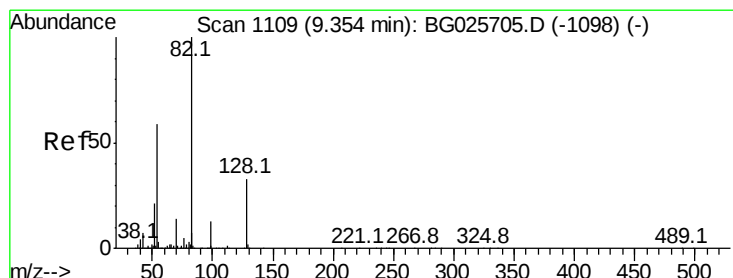
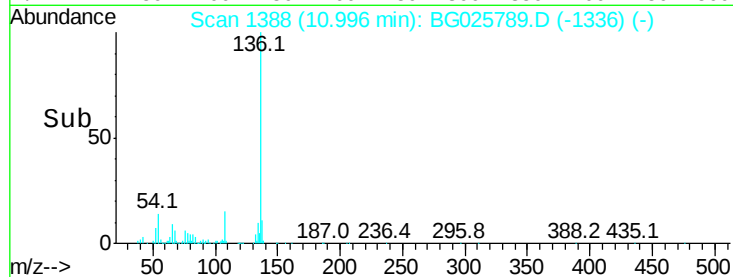
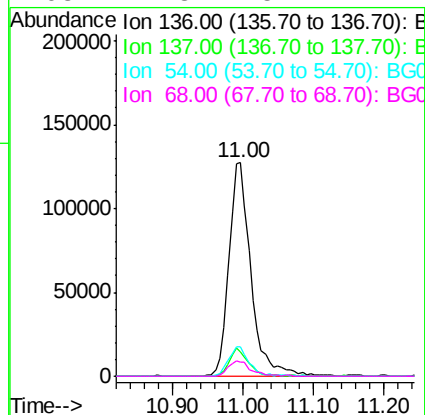
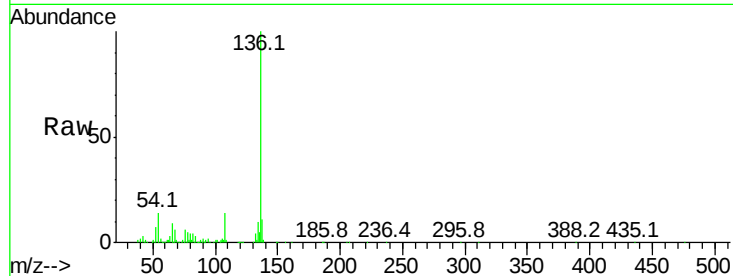
Acq: 3 Feb 2017 11:18

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	136	Resp:	275506
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	13.9	9.3	13.9#
68	7.3	5.1	7.7



#23

Nitrobenzene-d5

Concen: 94.66 ng

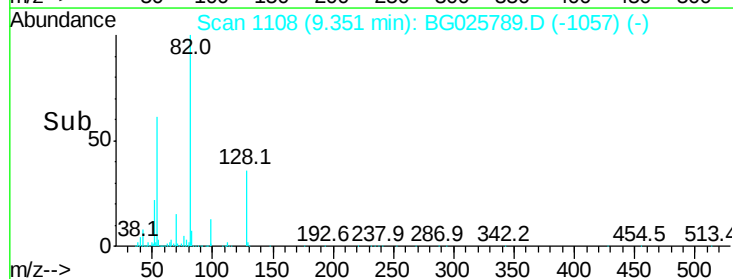
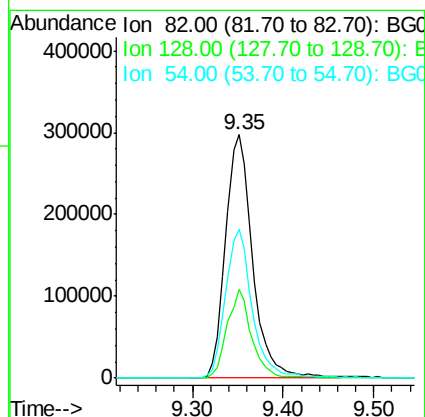
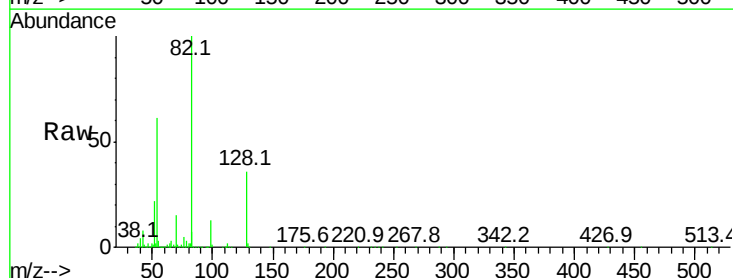
RT: 9.35 min Scan# 1108

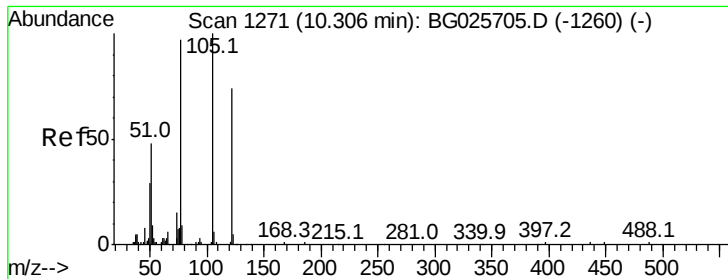
Delta R.T. -0.00 min

Lab File: BG025789.D

Acq: 3 Feb 2017 11:18

Tgt Ion:	82	Resp:	617215
Ion	Ratio	Lower	Upper
82	100		
128	36.3	26.4	39.6
54	61.1	49.4	74.2

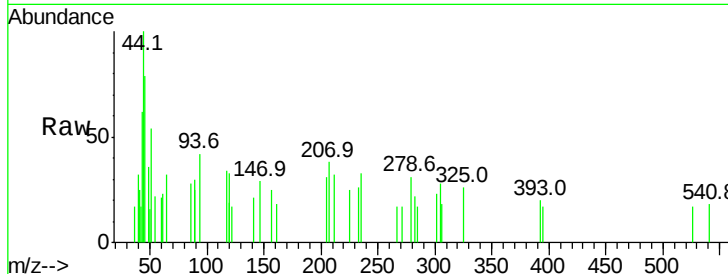




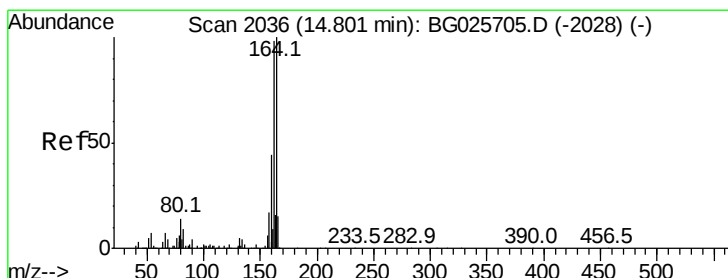
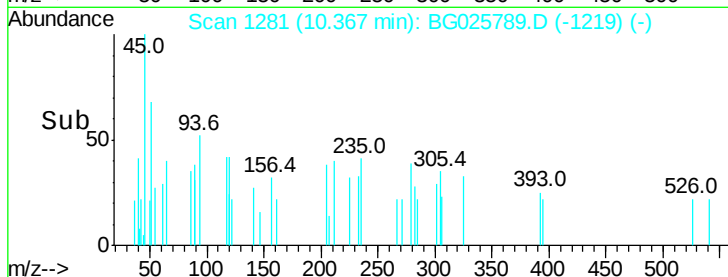
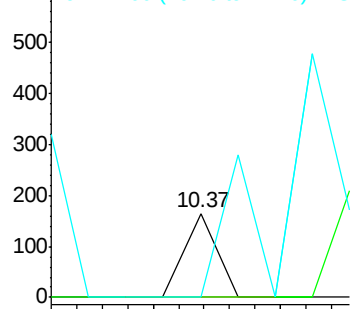
#32
Benzoic acid
Concen: 7.91 ng
RT: 10.37 min Scan# 1281
Delta R.T. 0.06 min
Lab File: BG025789.D
Acq: 3 Feb 2017 11:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 58
Ion Ratio Lower Upper
122 100
105 0.0 120.1 160.1#
77 0.0 104.6 144.6#

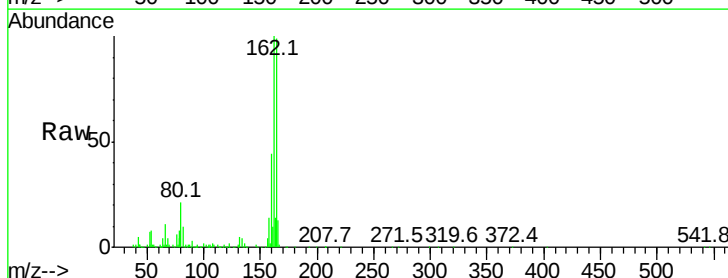


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): B

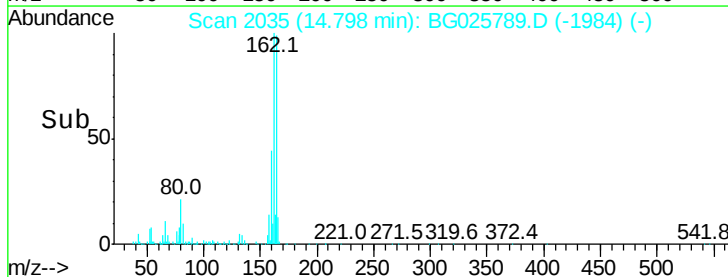
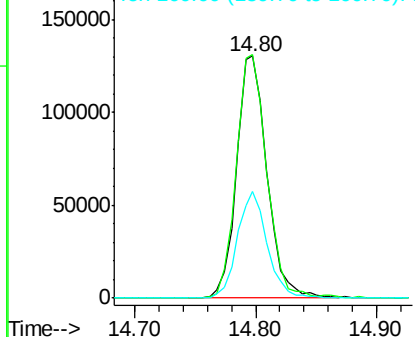


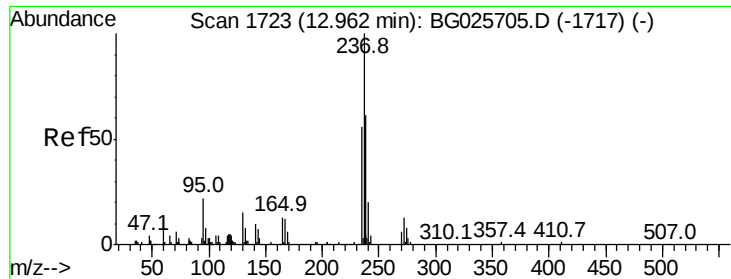
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG025789.D
Acq: 3 Feb 2017 11:18

Tgt Ion:164 Resp: 228657
Ion Ratio Lower Upper
164 100
162 100.7 85.1 127.7
160 44.2 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

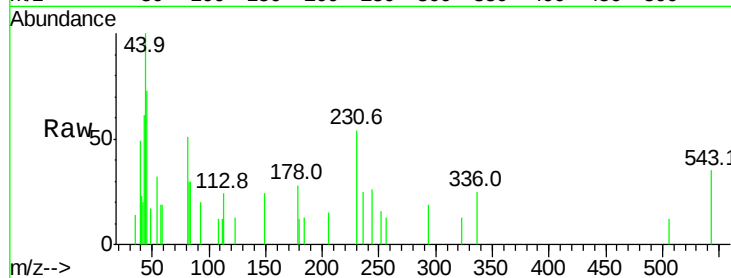




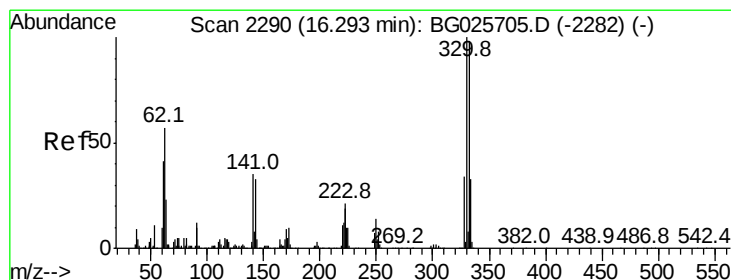
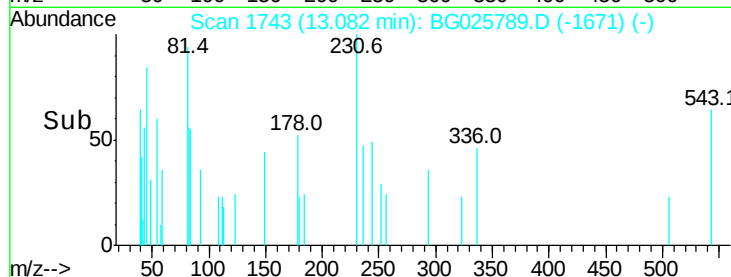
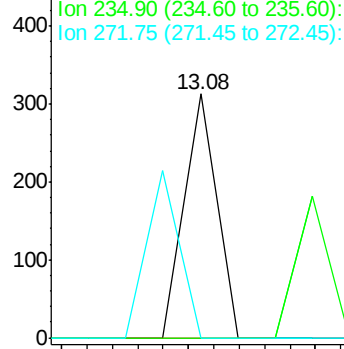
#40
Hexachlorocyclopentadiene
Concen: 10.72 ng
RT: 13.08 min Scan# 1743
Delta R.T. 0.12 min
Lab File: BG025789.D
Acq: 3 Feb 2017 11:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 110
Ion Ratio Lower Upper
237 100
235 0.0 39.4 79.4#
272 0.0 0.0 32.0

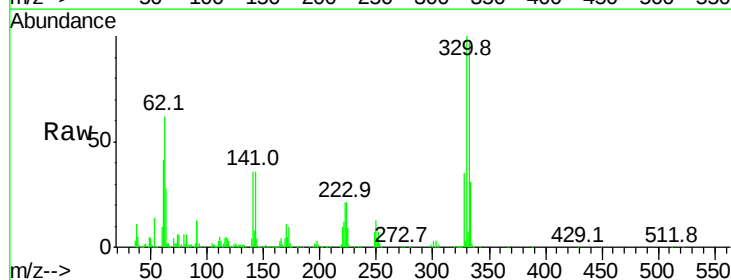


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

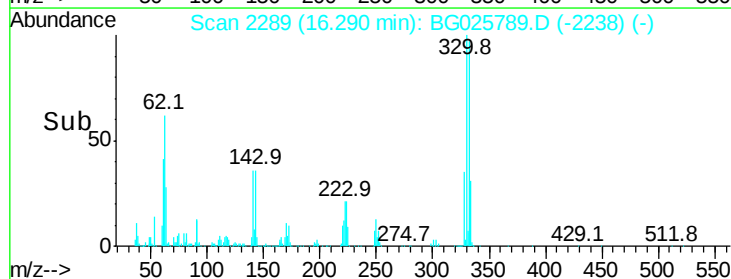
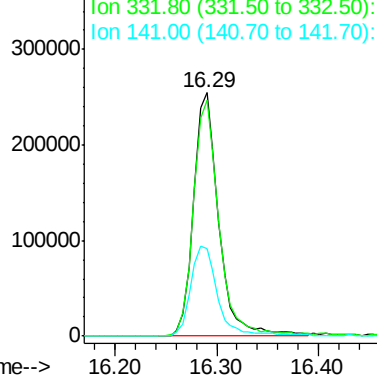


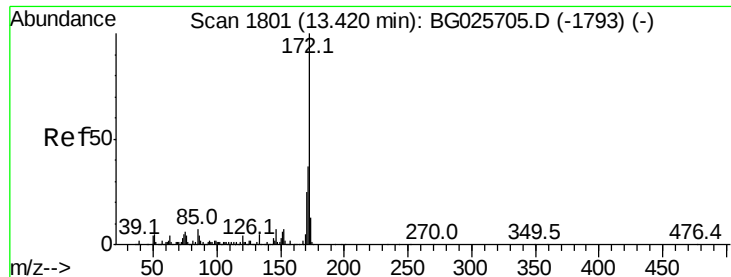
#41
2,4,6-Tribromophenol
Concen: 134.85 ng
RT: 16.29 min Scan# 2289
Delta R.T. -0.00 min
Lab File: BG025789.D
Acq: 3 Feb 2017 11:18

Tgt Ion:330 Resp: 439737
Ion Ratio Lower Upper
330 100
332 98.6 77.3 115.9
141 39.3 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

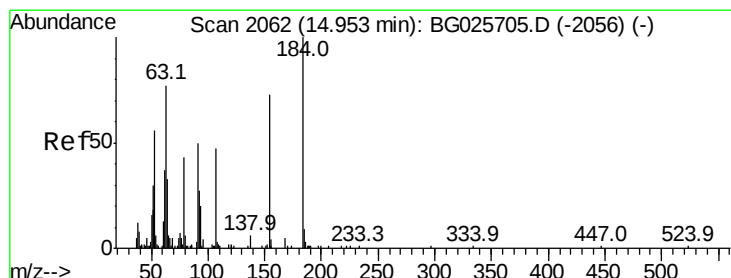
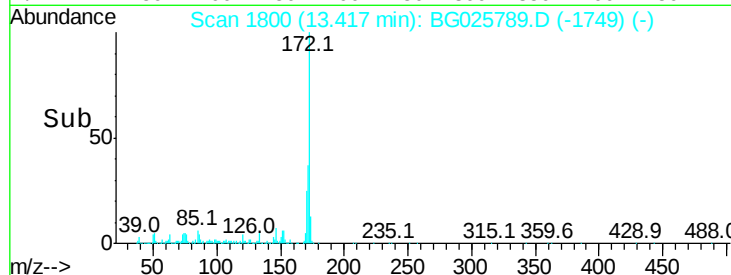
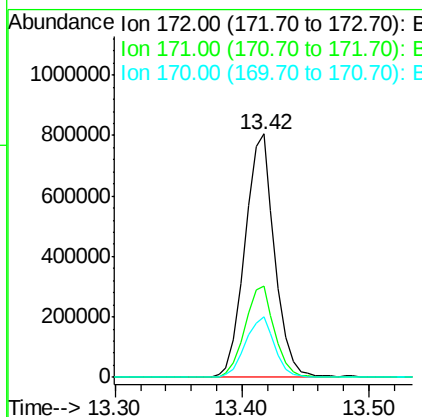
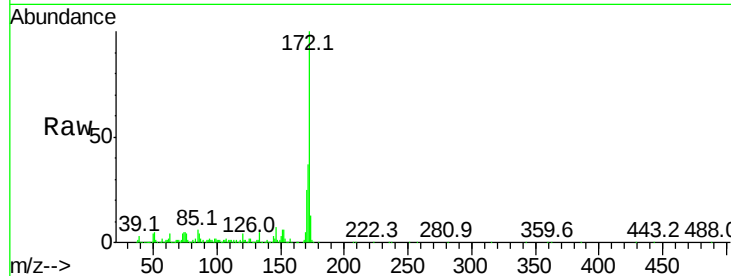




#44
 2-Fluorobiphenyl
 Concen: 92.58 ng
 RT: 13.42 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BG025789.D
 Acq: 3 Feb 2017 11:18

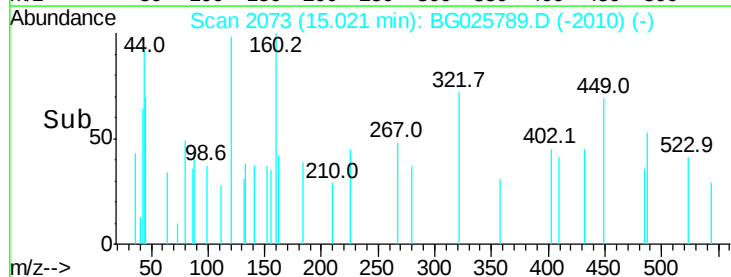
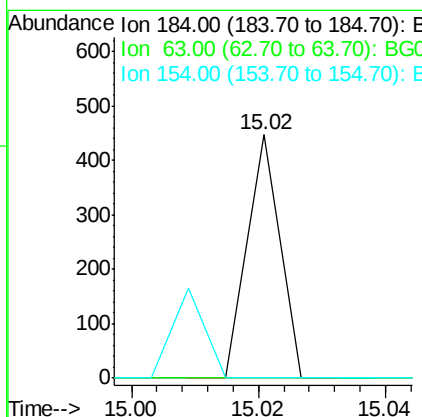
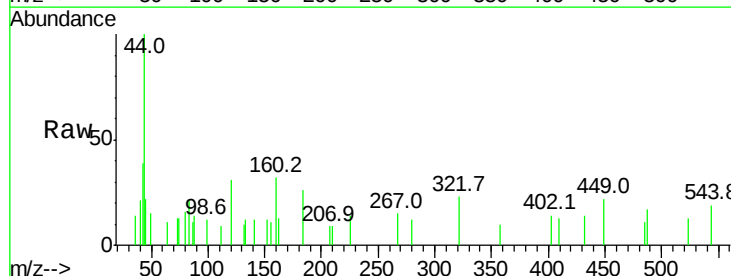
Instrument :
 BNA_G
 ClientSampled :

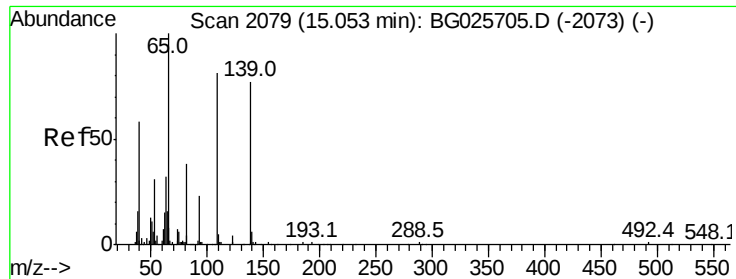
Tot Ion:172 Resp: 1303368
 Ion Ratio Lower Upper
 172 100
 171 37.4 32.2 48.2
 170 24.7 21.8 32.6



#53
 2,4-Dinitrophenol
 Concen: 9.50 ng
 RT: 15.02 min Scan# 2073
 Delta R.T. 0.07 min
 Lab File: BG025789.D
 Acq: 3 Feb 2017 11:18

Tgt Ion:184 Resp: 158
 Ion Ratio Lower Upper
 184 100
 63 0.0 52.7 79.1#
 154 0.0 57.3 85.9#

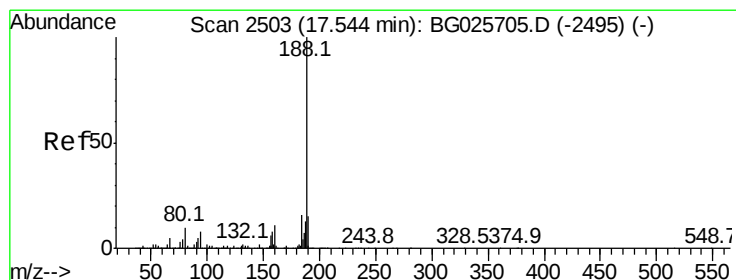
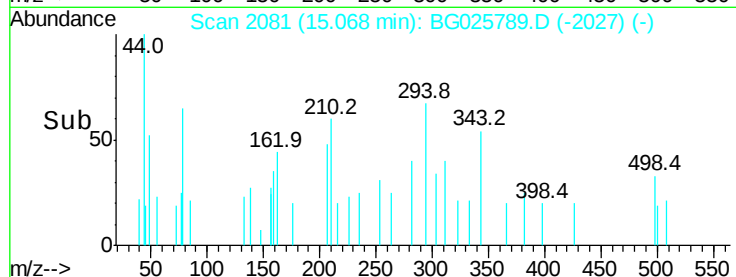
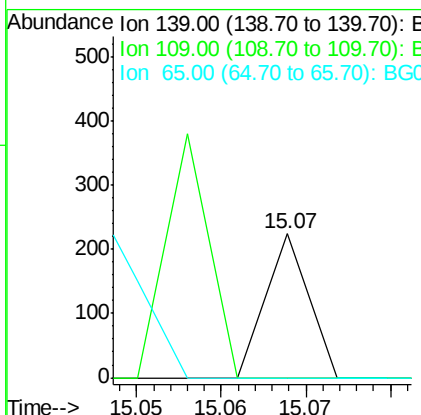
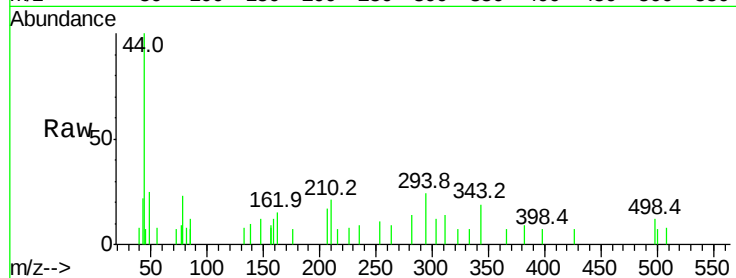




#55
4-Nitrophenol
Concen: 5.61 ng
RT: 15.07 min Scan# 2081
Delta R.T. 0.01 min
Lab File: BG025789.D
Acq: 3 Feb 2017 11:18

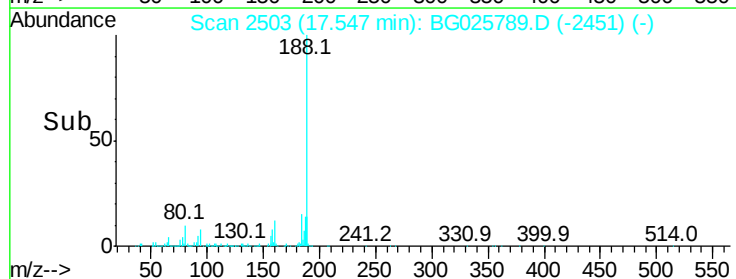
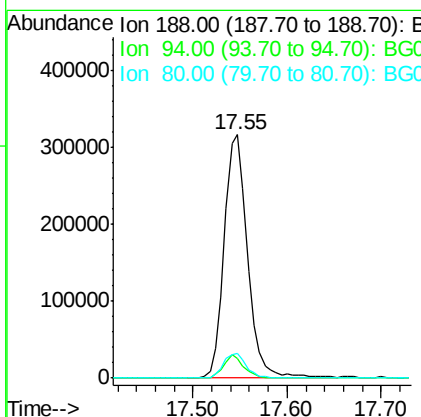
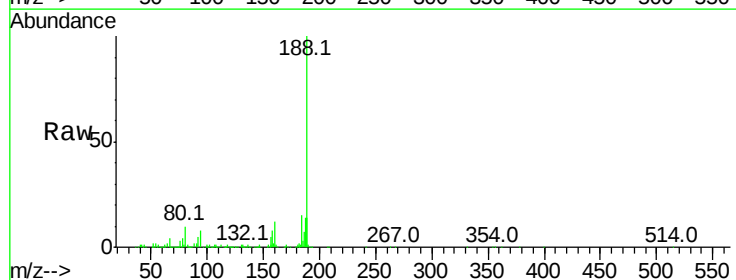
Instrument :
BNA_G
ClientSampleId :

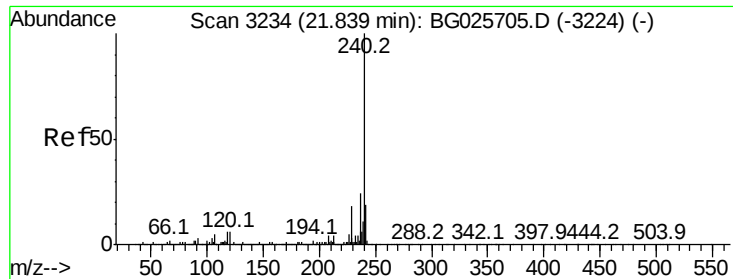
Tot Ion:139 Resp: 79
Ion Ratio Lower Upper
139 100
109 0.0 101.2 141.2#
65 0.0 135.3 175.3#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2503
Delta R.T. 0.00 min
Lab File: BG025789.D
Acq: 3 Feb 2017 11:18

Tgt Ion:188 Resp: 546378
Ion Ratio Lower Upper
188 100
94 8.2 5.8 8.8
80 10.1 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: BG025789.D

Acq: 3 Feb 2017 11:18

Instrument :

BNA_G

ClientSampleId :

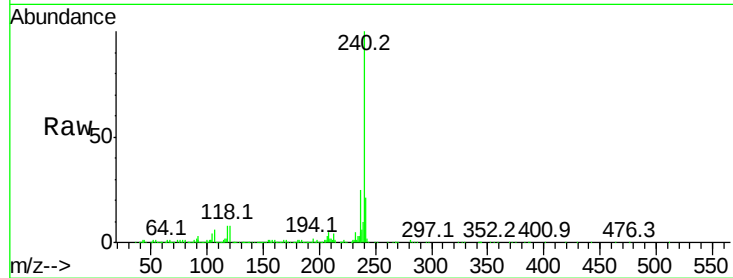
Tot Ion:240 Resp: 671463

Ion Ratio Lower Upper

240 100

120 7.8 5.7 8.5

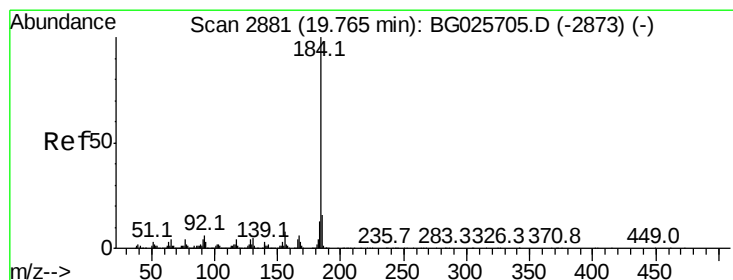
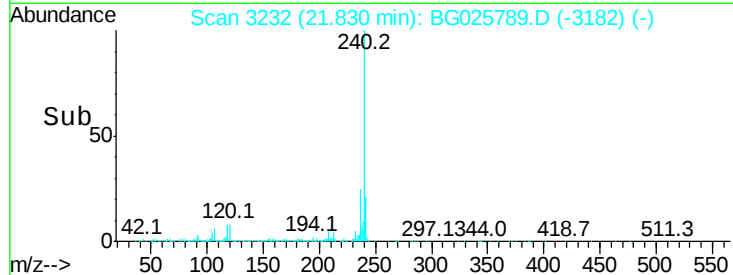
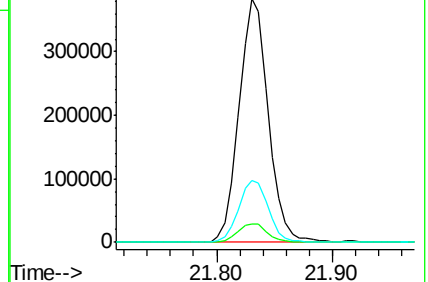
236 25.5 22.2 33.4



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



#76

Benzidine

Concen: 3.03 ng

RT: 19.77 min Scan# 2881

Delta R.T. 0.00 min

Lab File: BG025789.D

Acq: 3 Feb 2017 11:18

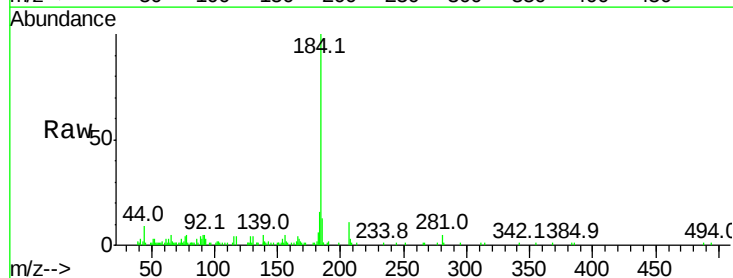
Tgt Ion:184 Resp: 69888

Ion Ratio Lower Upper

184 100

185 12.6 13.0 19.6#

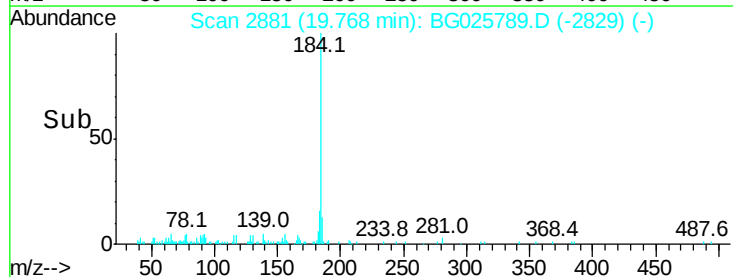
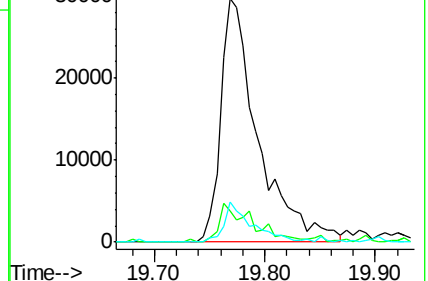
183 16.3 11.0 16.6

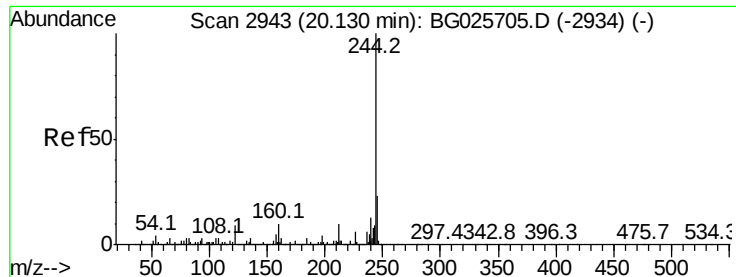


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 85.33 ng

RT: 20.13 min Scan# 2942

Delta R.T. -0.00 min

Lab File: BG025789.D

Acq: 3 Feb 2017 11:18

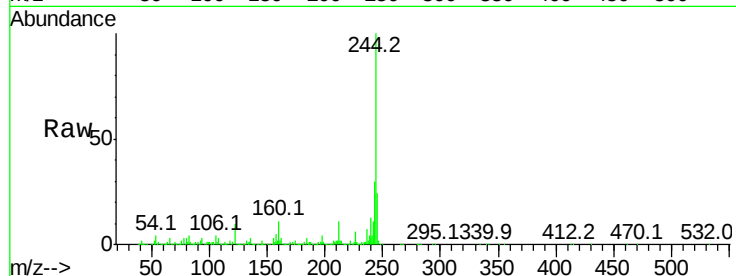
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 2373658

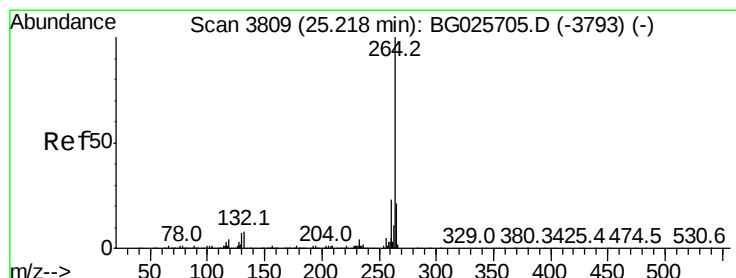
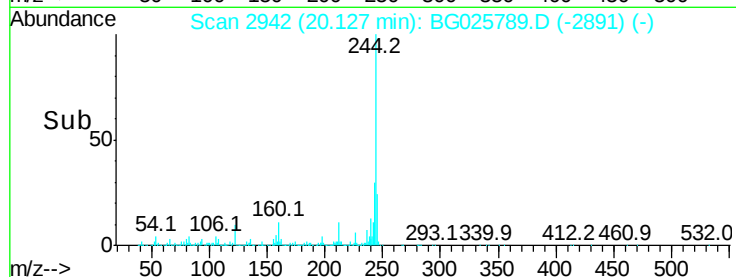
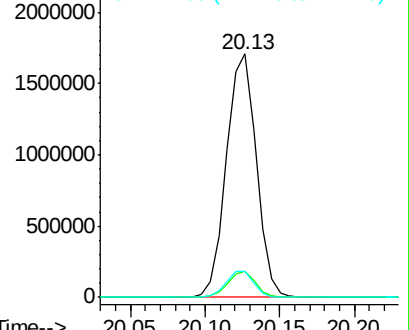
Ion	Ratio	Lower	Upper
244	100		
212	10.8	10.0	15.0
122	10.5	8.6	12.8



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

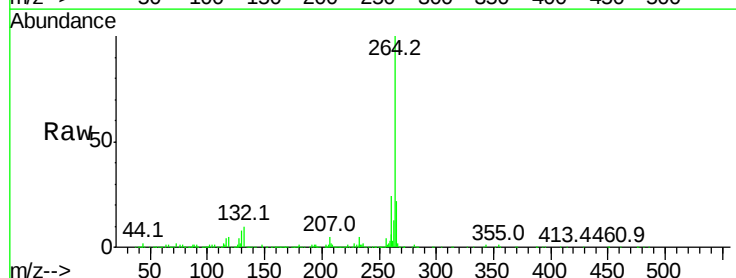
Delta R.T. -0.01 min

Lab File: BG025789.D

Acq: 3 Feb 2017 11:18

Tgt Ion:264 Resp: 688328

Ion	Ratio	Lower	Upper
264	100		
260	24.2	21.8	32.8
265	22.0	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

