

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 :
 ROLL-OFF-275032-COMP-0-2FT

Quant Time: Feb 03 12:52:52 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

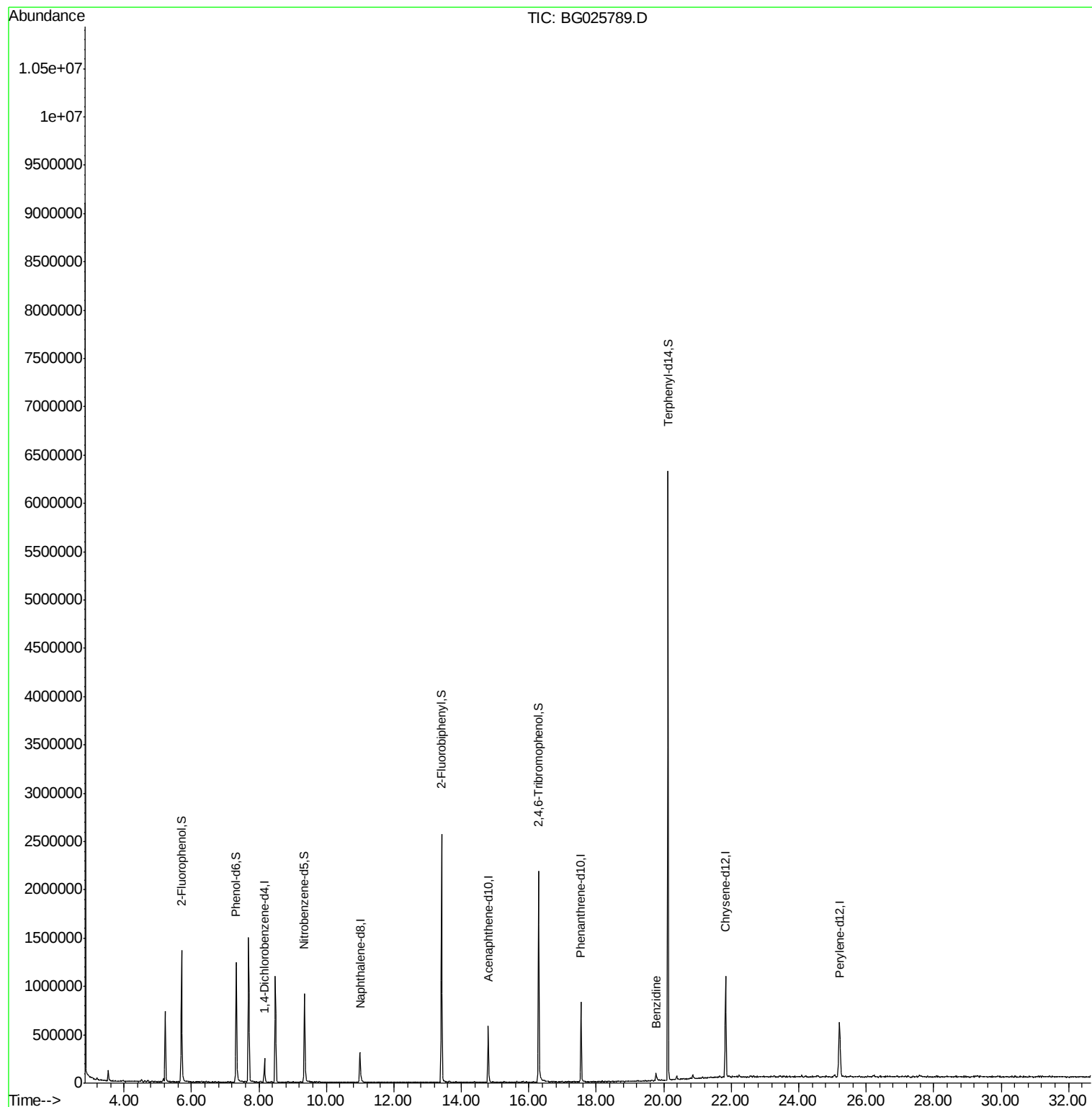
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	64711	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	275506	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	228657	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	546378	20.00	ng	0.00
75) Chrysene-d12	21.83	240	671463	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						
76) Benzidine	19.77	184	69888	3.03	ng	Qvalue # 92

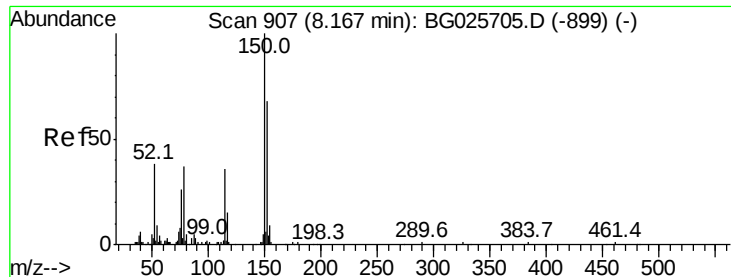
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG025789.D

Acq: 3 Feb 2017 11:18

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-275032-COMP-0-2FT

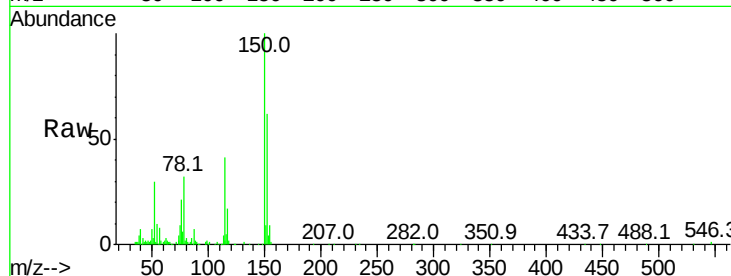
Tot Ion:152 Resp: 64711

Ion Ratio Lower Upper

152 100

150 160.2 114.0 171.0

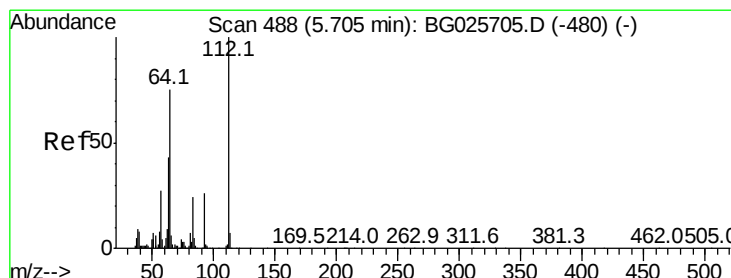
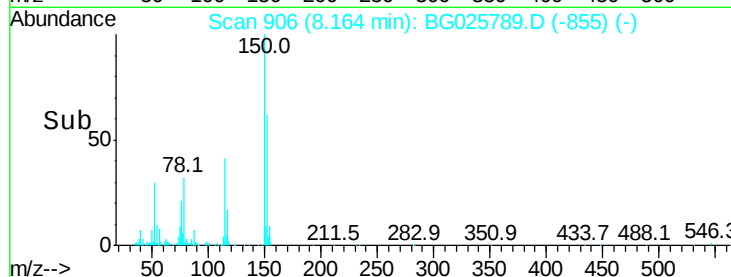
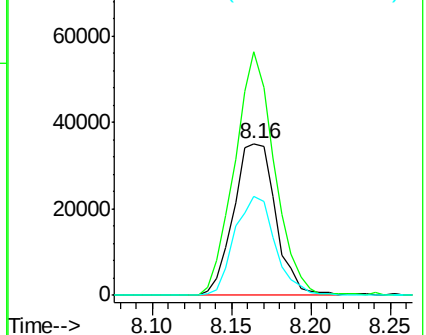
115 65.4 48.1 72.1



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

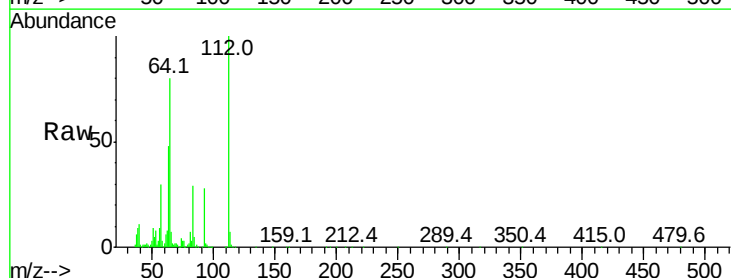
Tgt Ion:112 Resp: 535881

Ion Ratio Lower Upper

112 100

64 79.7 61.8 92.6

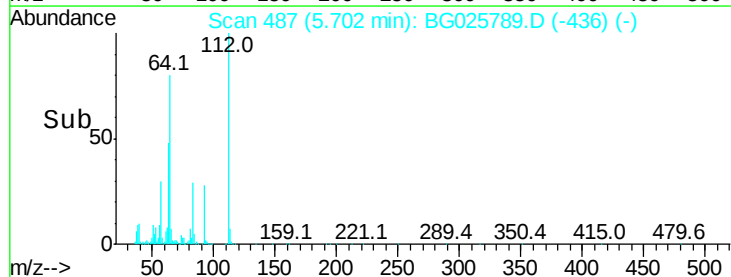
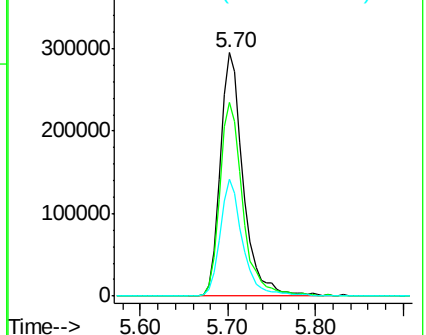
63 48.0 37.2 55.8

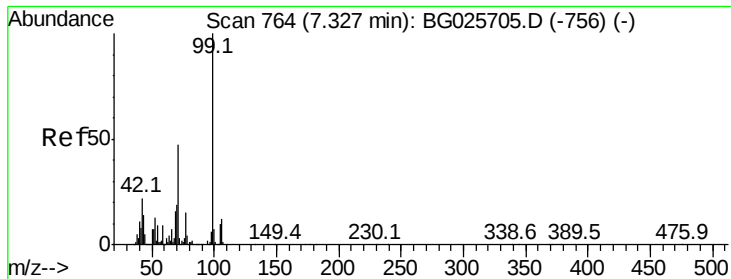


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#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

ClientSampleId :

ROLL-OFF-275032-COMP-0-2FT

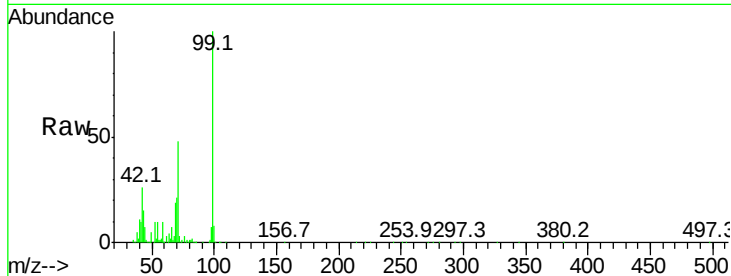
Tot Ion: 99 Resp: 701665

Ion Ratio Lower Upper

99 100

42 26.1 20.5 30.7

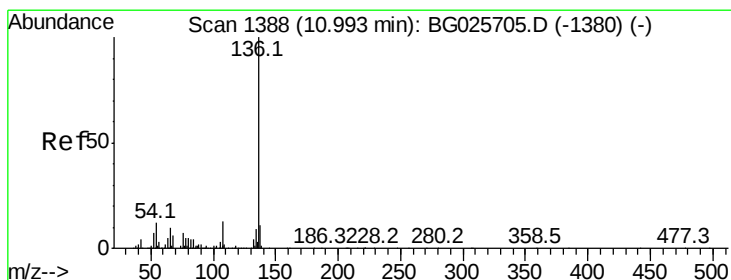
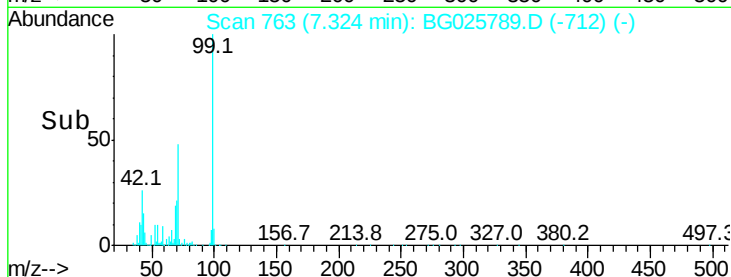
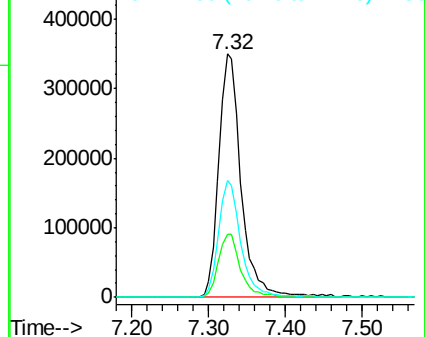
71 48.2 37.6 56.4



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



#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

Tgt Ion: 136 Resp: 275506

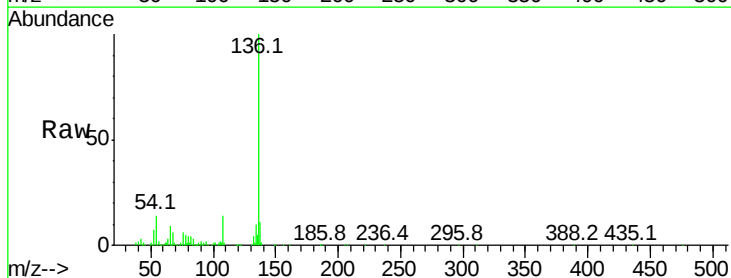
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 13.9 9.3 13.9#

68 7.3 5.1 7.7

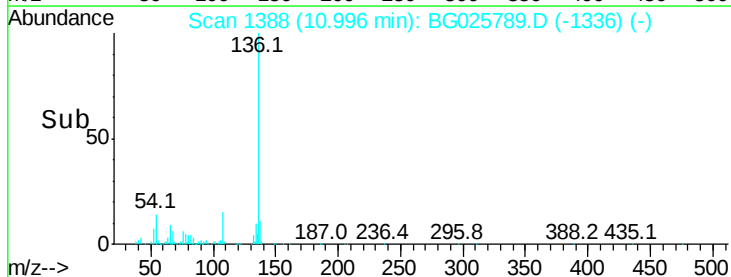
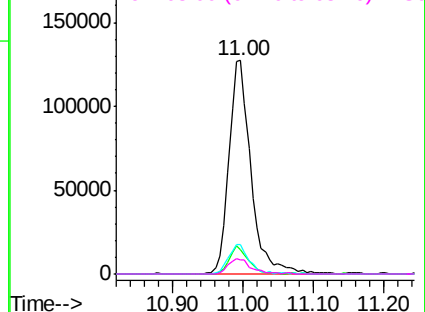


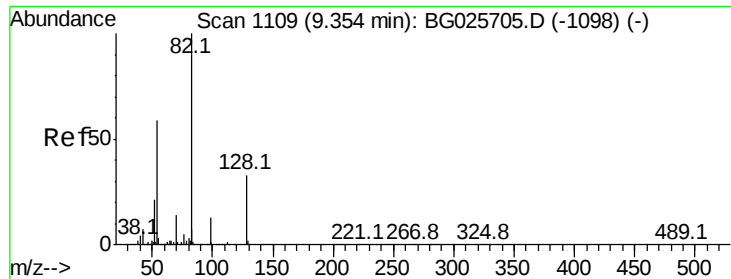
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

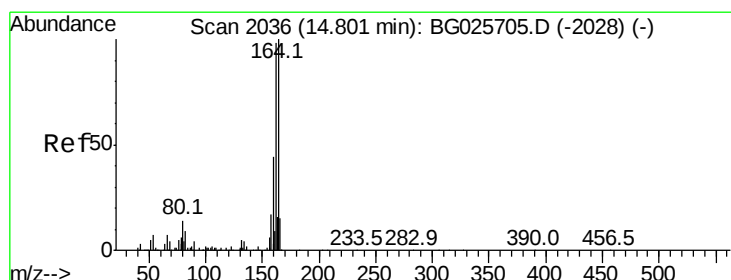
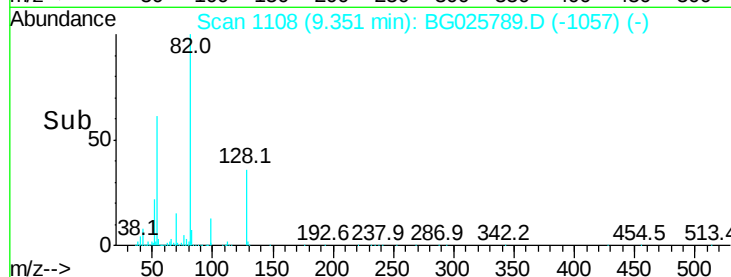
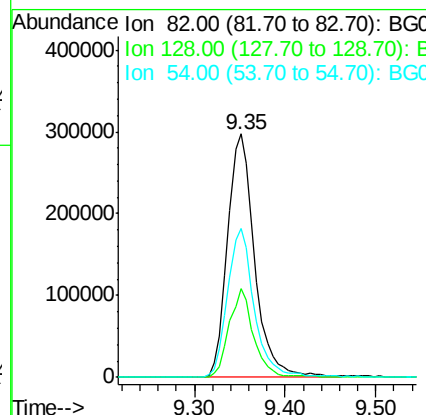
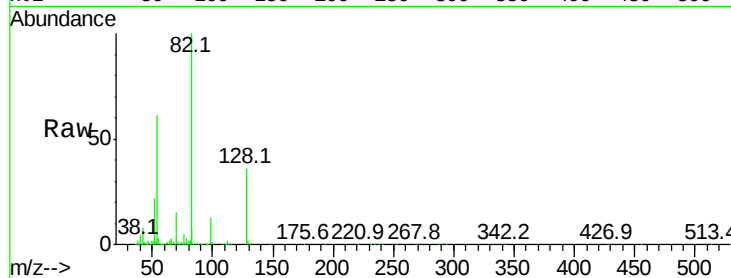




#23
 Nitrobenzene-d5
 Concen: 94.66 ng
 RT: 9.35 min Scan# 1108
 Delta R.T. -0.00 min
 Lab File: BG025789.D
 Acq: 3 Feb 2017 11:18

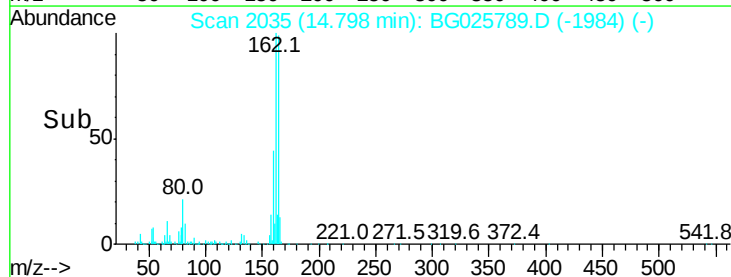
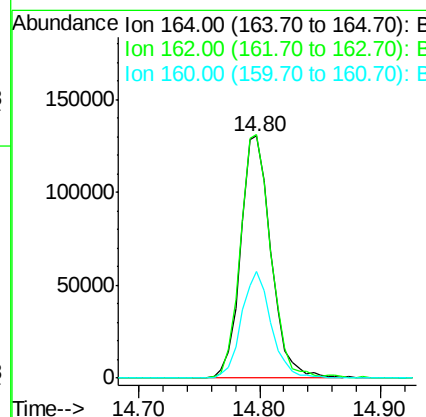
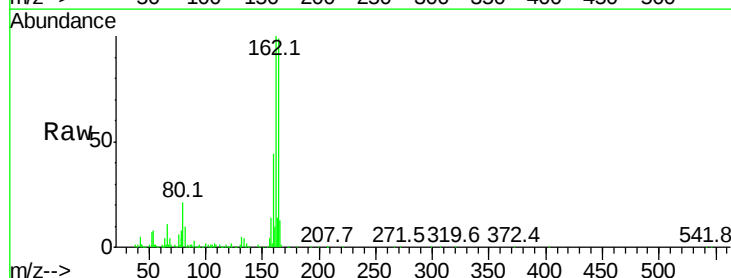
Instrument :
 BNA_G
 ClientSampleId :
 ROLL-OFF-275032-COMP-0-2FT

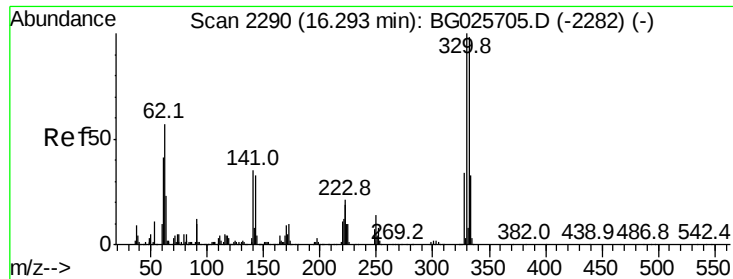
Tot Ion	82	Resp	617215
Ion Ratio	100	Lower	Upper
128	36.3	26.4	39.6
54	61.1	49.4	74.2



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

Tgt Ion	164	Resp	228657
Ion Ratio	100	Lower	Upper
162	100.7	85.1	127.7
160	44.2	34.7	52.1

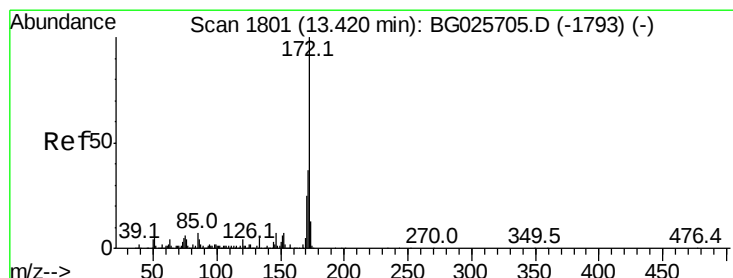
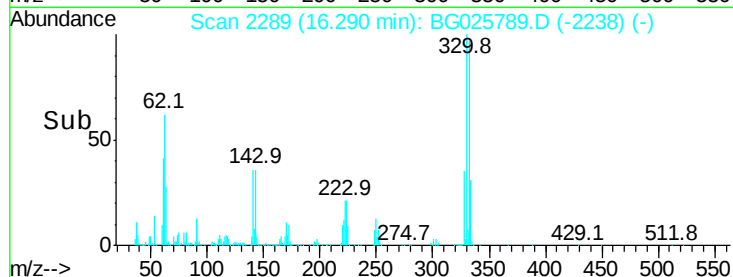
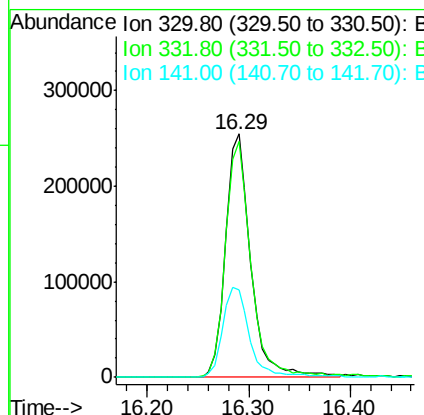
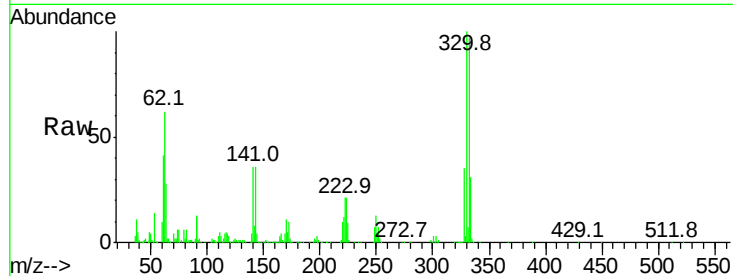




#41
 2,4,6-Tribromophenol
 Concen: 134.85 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.00 min
 Lab File: BG025789.D
 Acq: 3 Feb 2017 11:18

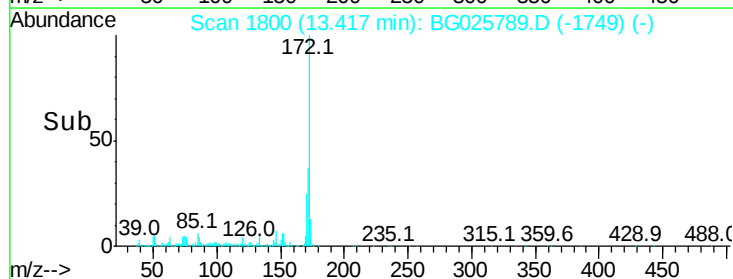
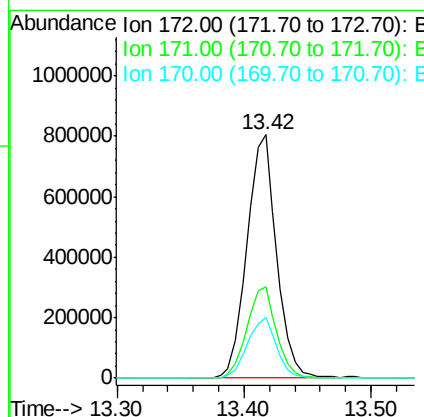
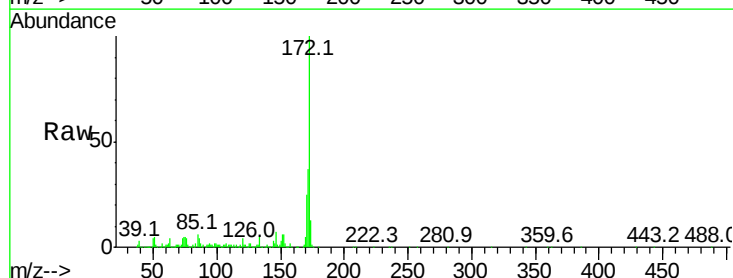
Instrument :
 BNA_G
 ClientSampleId :
 ROLL-OFF-275032-COMP-0-2FT

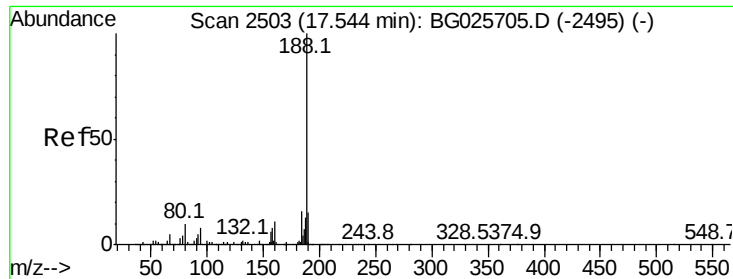
Tot Ion:330 Resp: 439737
 Ion Ratio Lower Upper
 330 100
 332 98.6 77.3 115.9
 141 39.3 32.1 48.1



#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

Tgt Ion:172 Resp: 1303368
 Ion Ratio Lower Upper
 172 100
 171 37.4 32.2 48.2
 170 24.7 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: BG025789.D

Acq: 3 Feb 2017 11:18

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-275032-COMP-0-2FT

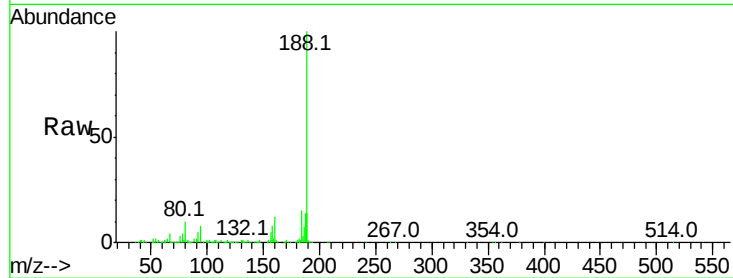
Tot Ion:188 Resp: 546378

Ion Ratio Lower Upper

188 100

94 8.2 5.8 8.8

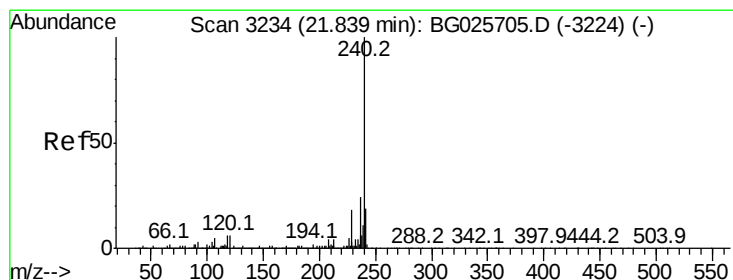
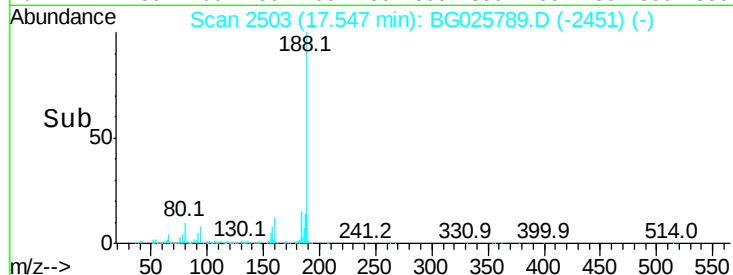
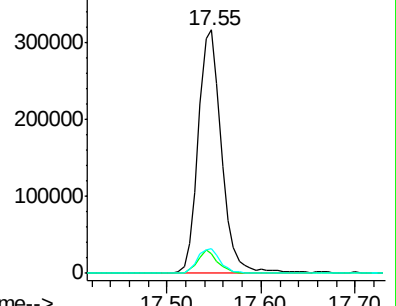
80 10.1 7.5 11.3



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: BG025789.D

Acq: 3 Feb 2017 11:18

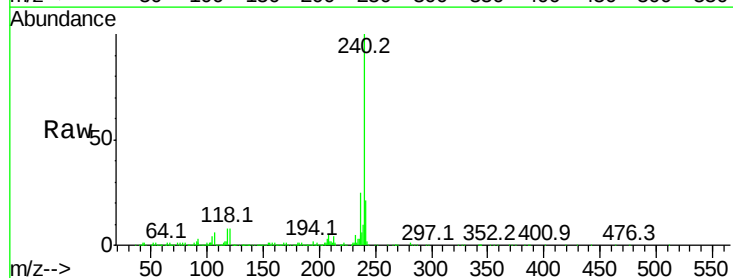
Tgt Ion:240 Resp: 671463

Ion Ratio Lower Upper

240 100

120 7.8 5.7 8.5

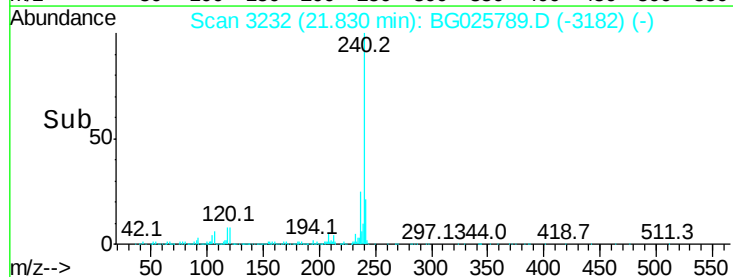
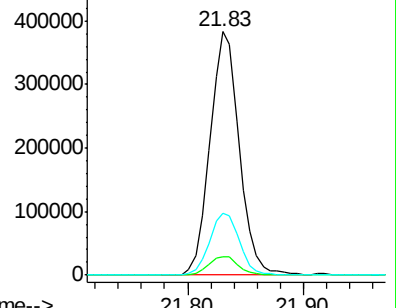
236 25.5 22.2 33.4

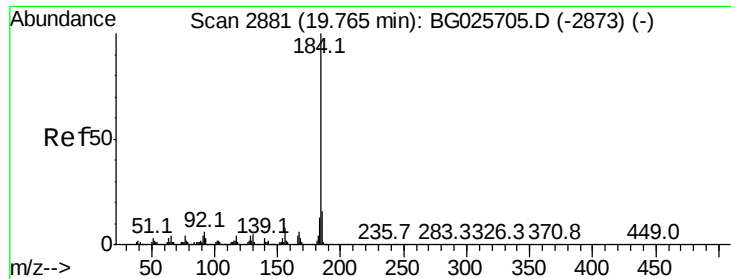


Abundance Ion 240.00 (239.70 to 240.70): E

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

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-275032-COMP-0-2FT

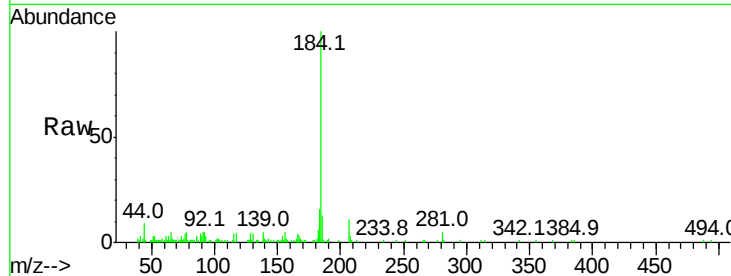
Tot Ion:184 Resp: 69888

Ion Ratio Lower Upper

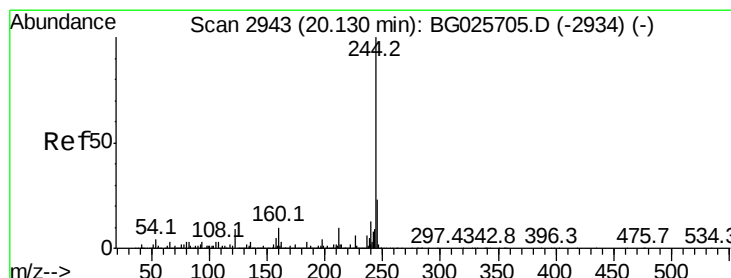
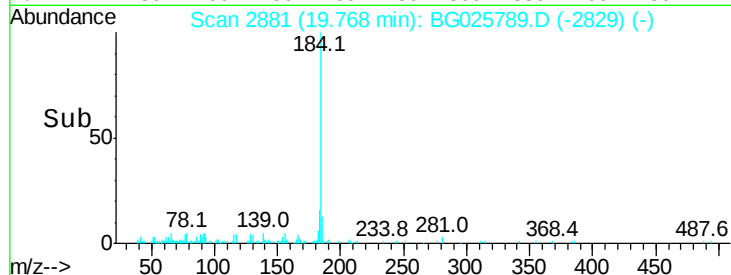
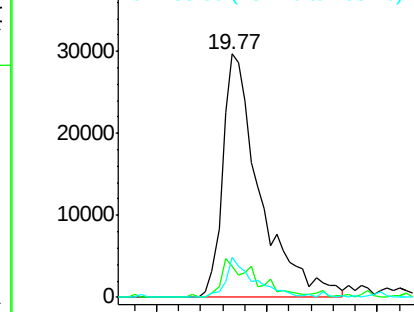
184 100

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

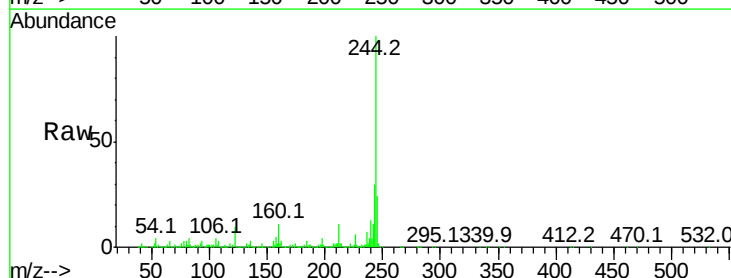
Tgt Ion:244 Resp: 2373658

Ion Ratio Lower Upper

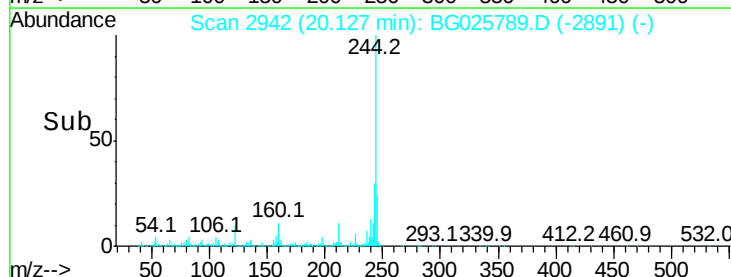
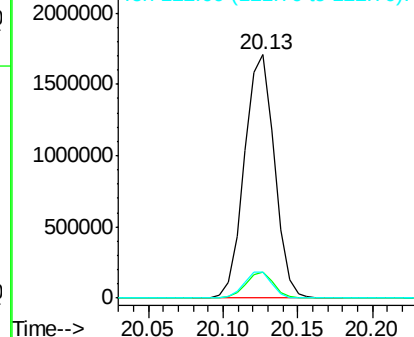
244 100

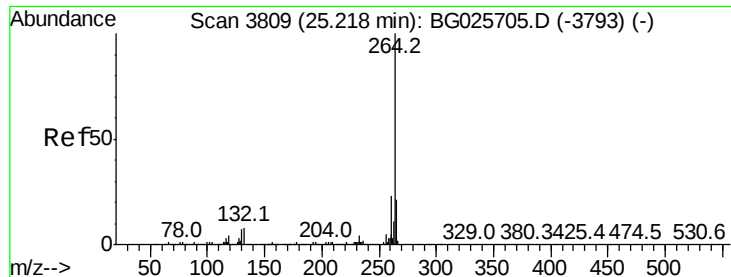
212 10.8 10.0 15.0

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
 Pervlene-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

Instrument :
 BNA_G
 ClientSampleId :
 ROLL-OFF-275032-COMP-0-2FT

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	21.8	32.8
265	22.0	18.2	27.4

