

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020317\
 Data File : BG025795.D
 Acq On : 3 Feb 2017 15:12
 Operator : SJ/MA
 Sample : I1646-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 03 15:50:38 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

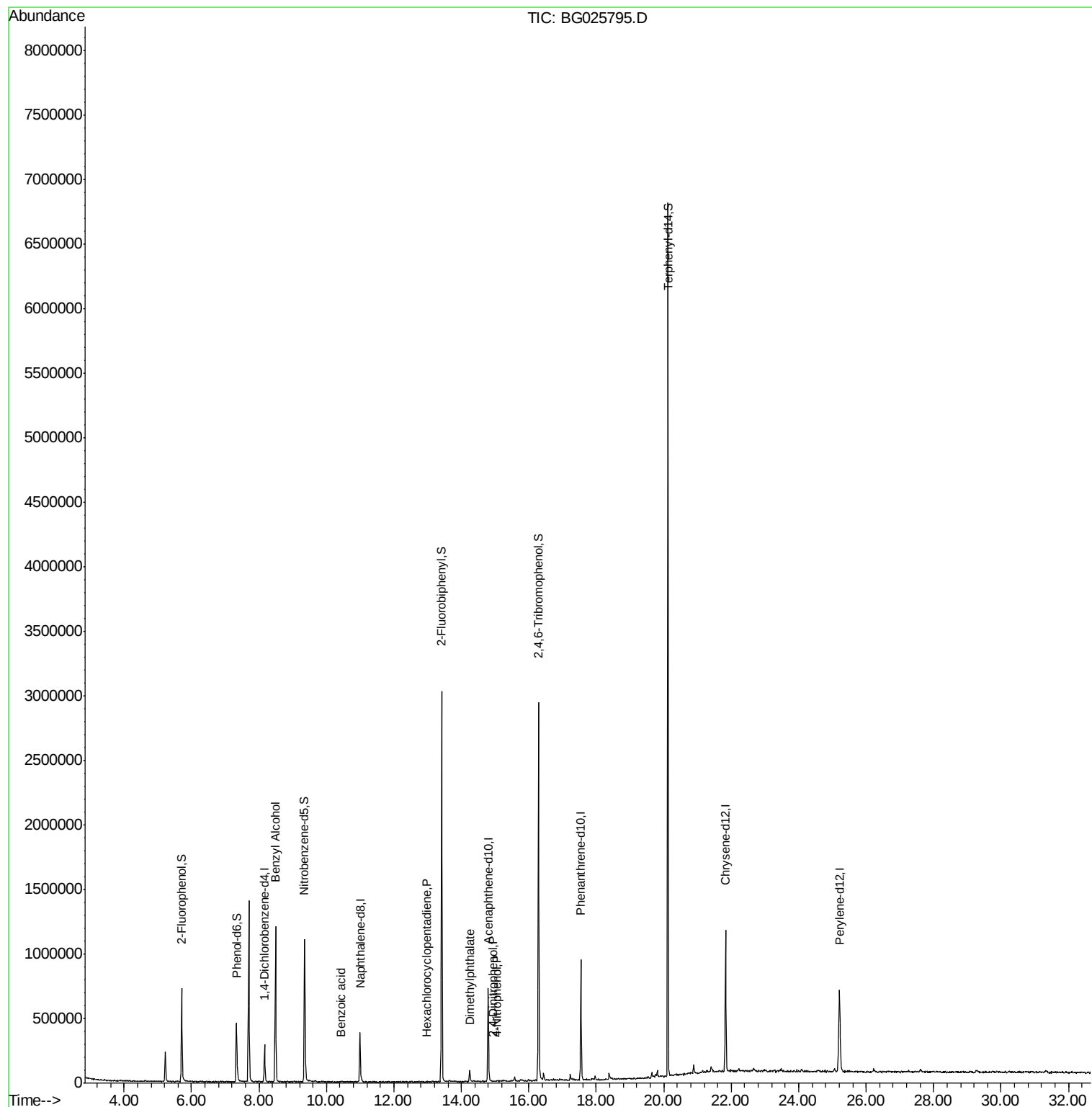
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	73926	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	326013	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	261532	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	583366	20.00	ng	0.00
75) Chrysene-d12	21.83	240	710762	20.00	ng	0.00
86) Perylene-d12	25.21	264	711410	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	309596	75.06	ng	0.00
7) Phenol-d6	7.33	99	284610	47.24	ng	0.00
23) Nitrobenzene-d5	9.35	82	751809	97.44	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	527133	141.33	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1548049	96.13	ng	0.00
78) Terphenyl-d14	20.12	244	2562931	87.03	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.50	79	11738	2.25	ng	# 66
32) Benzoic acid	10.43	122	78	7.91	ng	# 73
40) Hexachlorocyclopentadiene	12.97	237	55	10.70	ng	# 29
49) Dimethylphthalate	14.25	163	65449	3.32	ng	# 94
53) 2,4-Dinitrophenol	14.95	184	59	9.46	ng	# 15
55) 4-Nitrophenol	15.05	139	63	5.60	ng	# 1

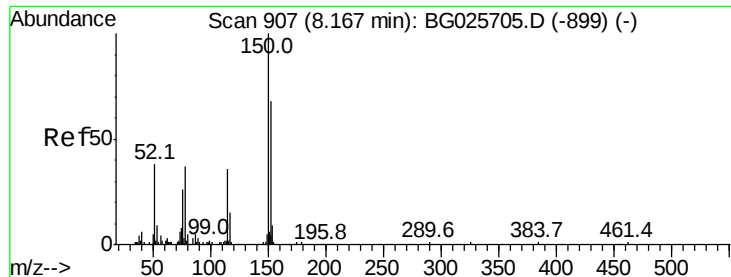
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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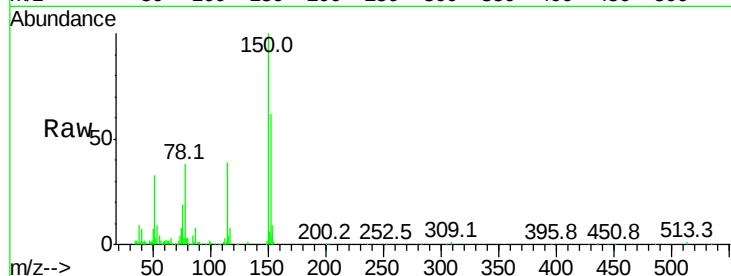


#1

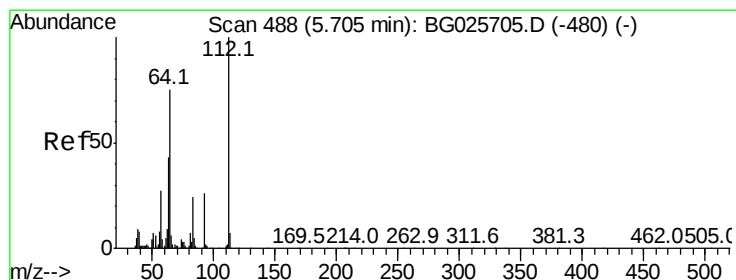
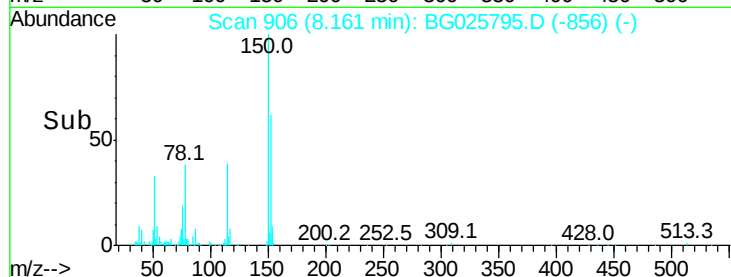
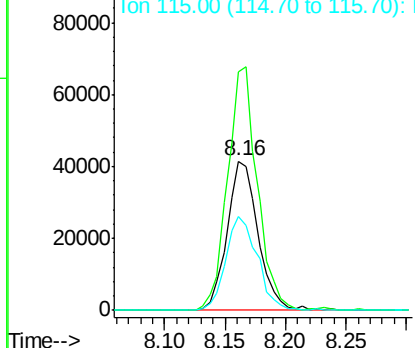
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 906
Delta R.T. -0.01 min
Lab File: BG025795.D
Acq: 3 Feb 2017 15:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	114.0	171.0
115	63.0	48.1	72.1



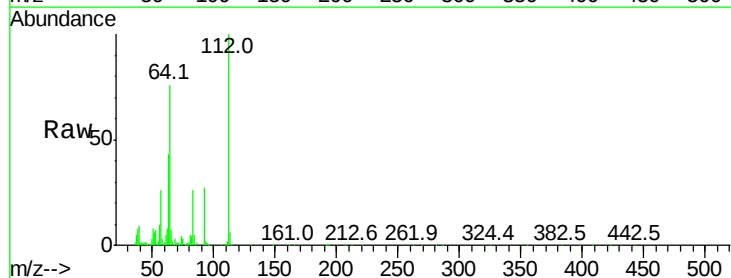
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



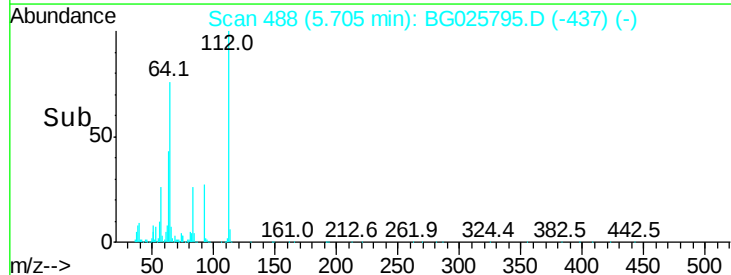
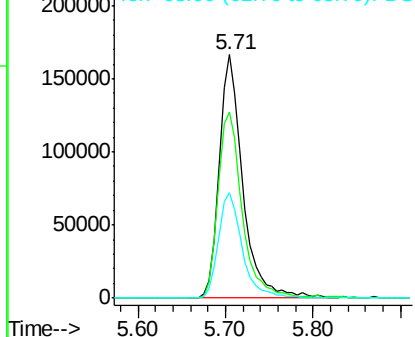
#5

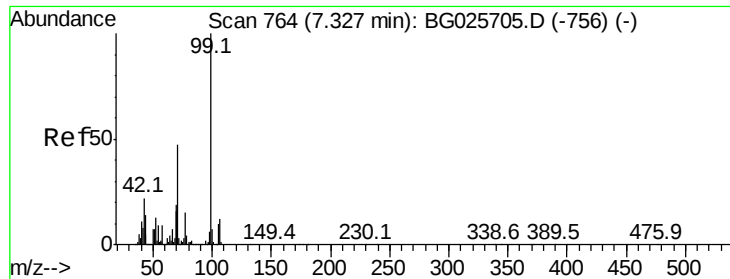
2-Fluorophenol
Concen: 75.06 ng
RT: 5.71 min Scan# 488
Delta R.T. -0.00 min
Lab File: BG025795.D
Acq: 3 Feb 2017 15:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	76.3	61.8	92.6
63	43.1	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: 47.24 ng

RT: 7.33 min Scan# 765

Delta R.T. 0.01 min

Lab File: BG025795.D

Acq: 3 Feb 2017 15:12

Instrument :

BNA_G

ClientSampleId :

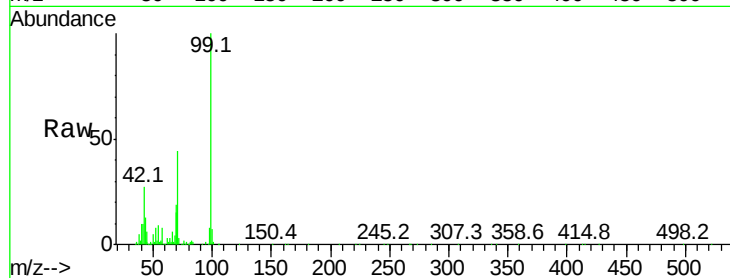
Tot Ion: 99 Resp: 284610

Ion Ratio Lower Upper

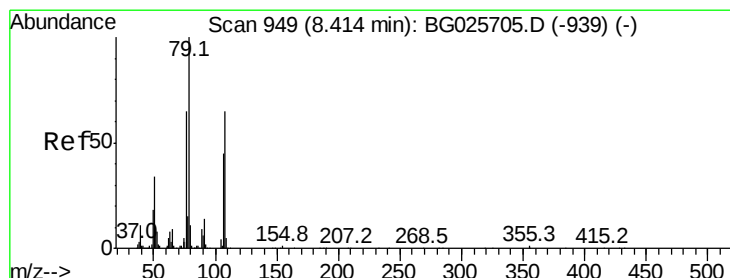
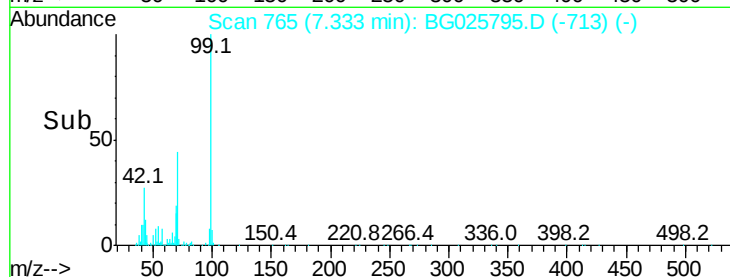
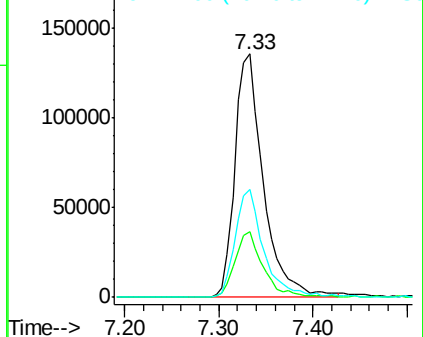
99 100

42 26.8 20.5 30.7

71 44.4 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: 2.25 ng

RT: 8.50 min Scan# 963

Delta R.T. 0.08 min

Lab File: BG025795.D

Acq: 3 Feb 2017 15:12

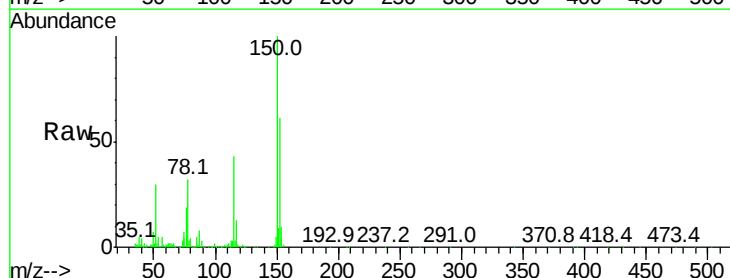
Tgt Ion: 79 Resp: 11738

Ion Ratio Lower Upper

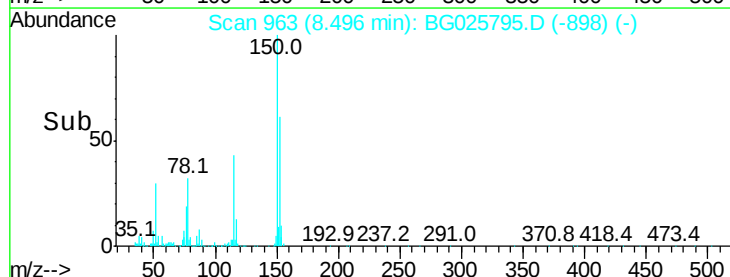
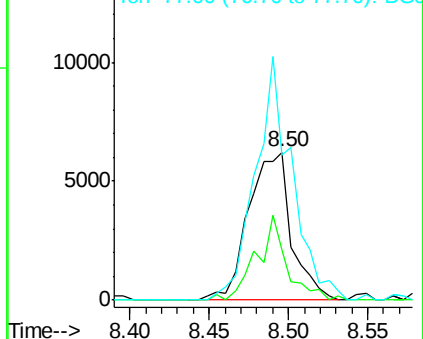
79 100

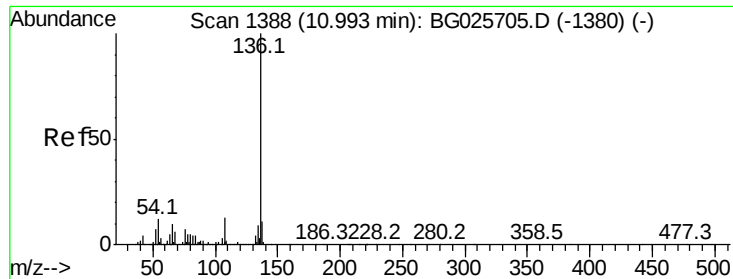
108 34.4 45.5 68.3#

77 97.9 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: BG025795.D

Acq: 3 Feb 2017 15:12

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 326013

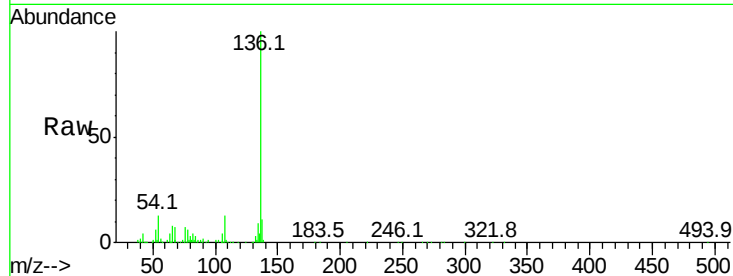
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	12.7	9.3	13.9
68	6.8	5.1	7.7

136 100

137 10.8 8.9 13.3

54 12.7 9.3 13.9

68 6.8 5.1 7.7

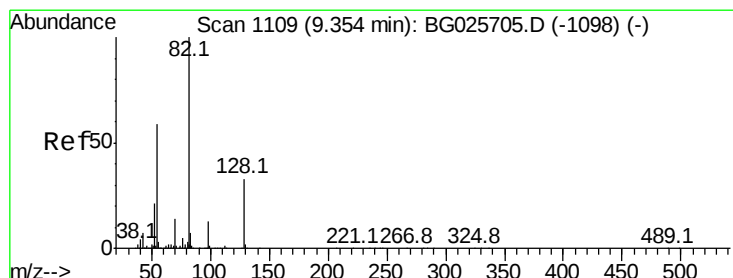
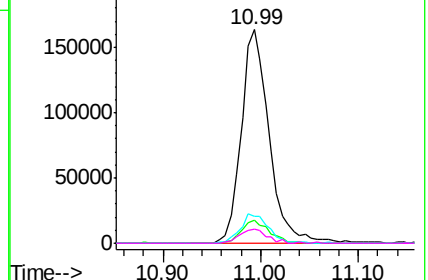
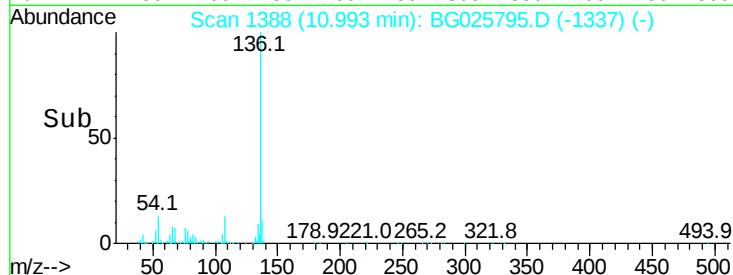


Abundance Ion 136.00 (135.70 to 136.70): B

Ion 137.00 (136.70 to 137.70): B

Ion 54.00 (53.70 to 54.70): B

Ion 68.00 (67.70 to 68.70): B



#23

Nitrobenzene-d5

Concen: 97.44 ng

RT: 9.35 min Scan# 1109

Delta R.T. -0.00 min

Lab File: BG025795.D

Acq: 3 Feb 2017 15:12

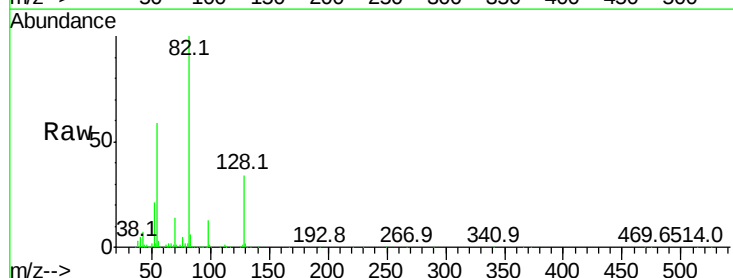
Tgt Ion: 82 Resp: 751809

Ion	Ratio	Lower	Upper
82	100		
128	34.3	26.4	39.6
54	59.1	49.4	74.2

82 100

128 34.3 26.4 39.6

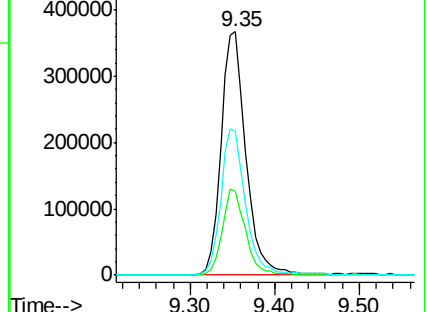
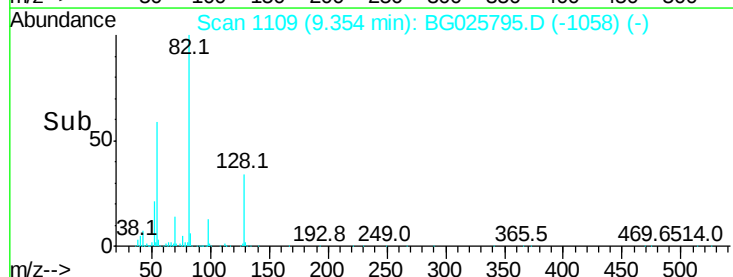
54 59.1 49.4 74.2

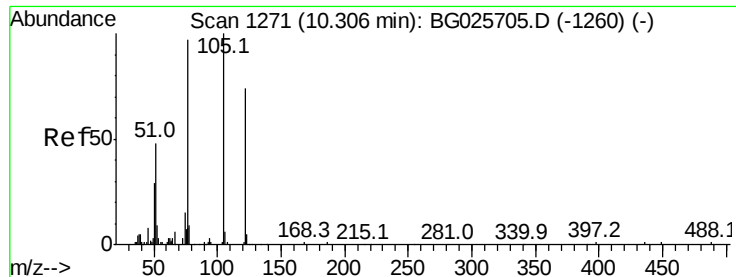


Abundance Ion 82.00 (81.70 to 82.70): B

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): B





#32

Benzoic acid

Concen: 7.91 ng

RT: 10.43 min Scan# 1292

Delta R.T. 0.12 min

Lab File: BG025795.D

Acq: 3 Feb 2017 15:12

Instrument :

BNA_G

ClientSampleId :

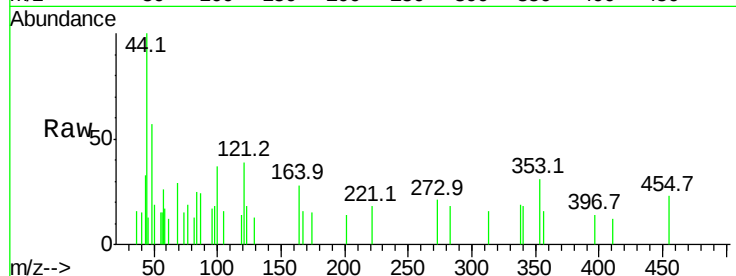
Tot Ion:122 Resp: 78

Ion Ratio Lower Upper

122 100

105 93.6 120.1 160.1#

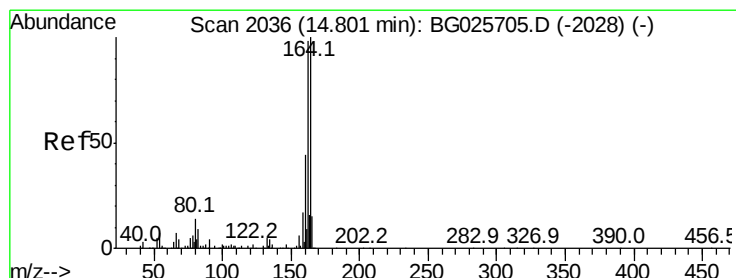
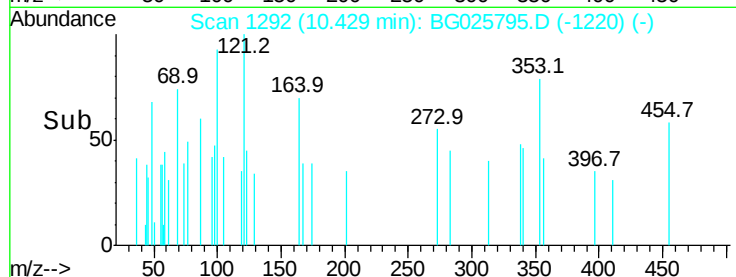
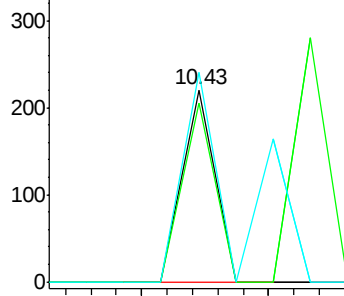
77 109.1 104.6 144.6



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.79 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BG025795.D

Acq: 3 Feb 2017 15:12

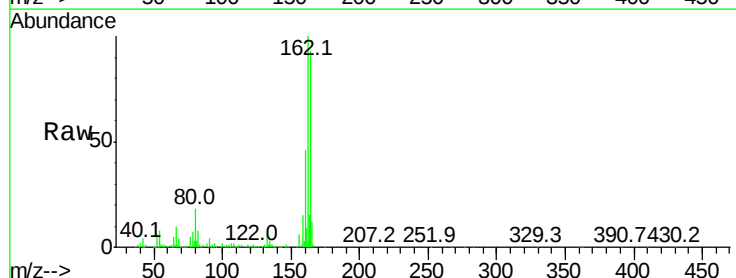
Tgt Ion:164 Resp: 261532

Ion Ratio Lower Upper

164 100

162 107.8 85.1 127.7

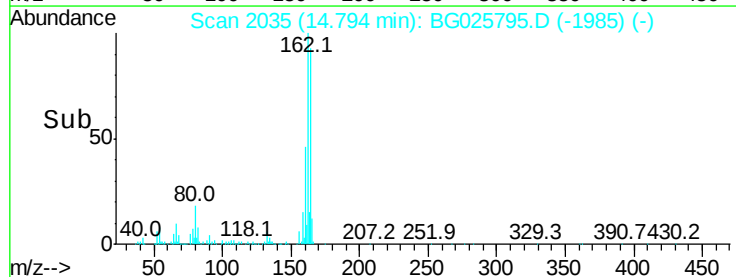
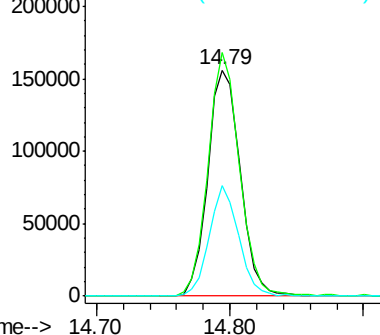
160 49.2 34.7 52.1

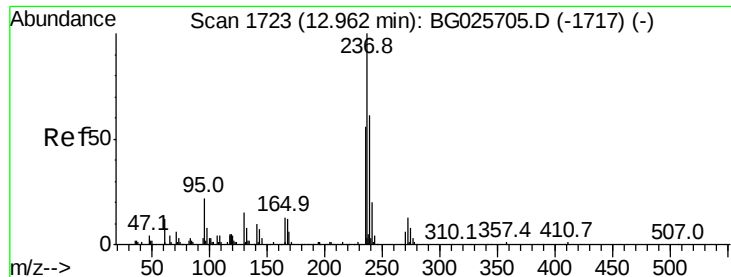


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#40

Hexachlorocyclopentadiene

Concen: 10.70 ng

RT: 12.97 min Scan# 1724

Delta R.T. 0.01 min

Lab File: BG025795.D

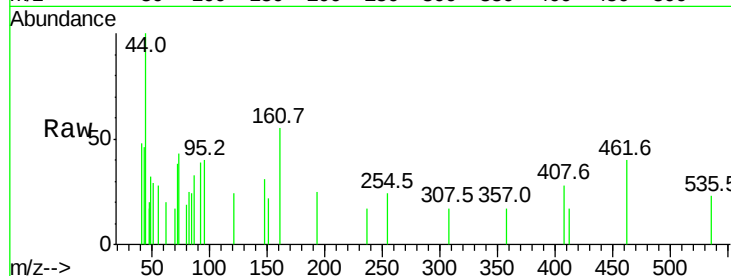
Acq: 3 Feb 2017 15:12

Instrument :

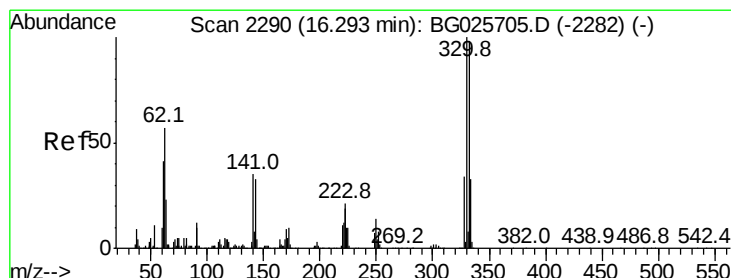
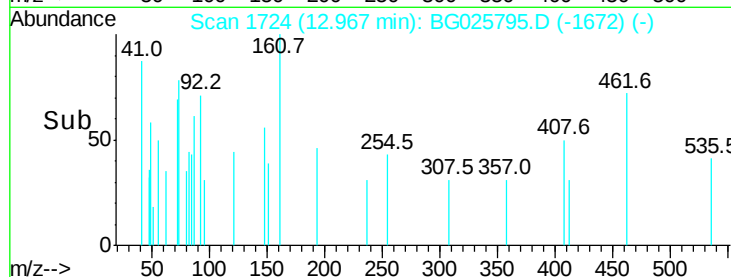
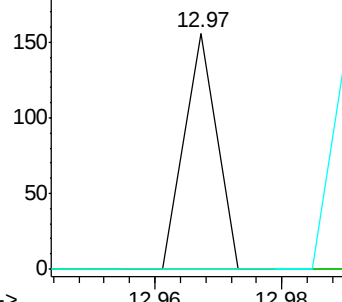
BNA_G

ClientSampleId :

Tot Ion:	237	Resp:	55
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: 141.33 ng

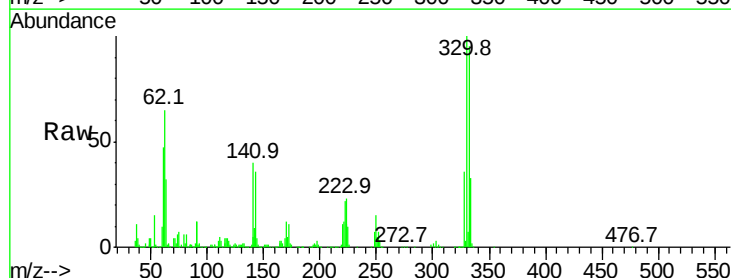
RT: 16.29 min Scan# 2289

Delta R.T. -0.01 min

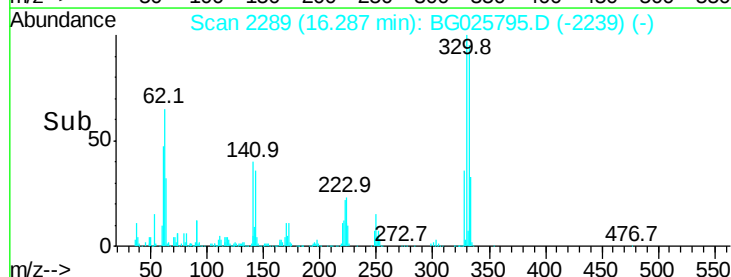
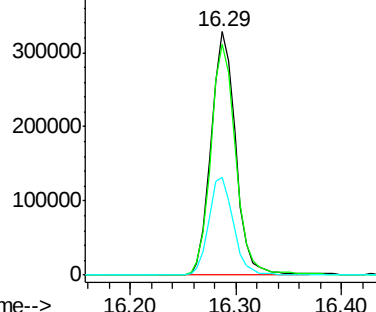
Lab File: BG025795.D

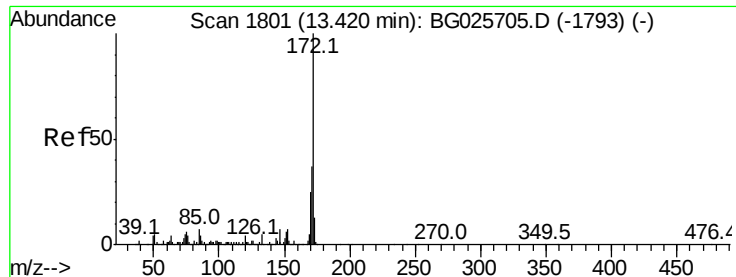
Acq: 3 Feb 2017 15:12

Tgt Ion:	330	Resp:	527133
Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.3	115.9
141	40.2	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

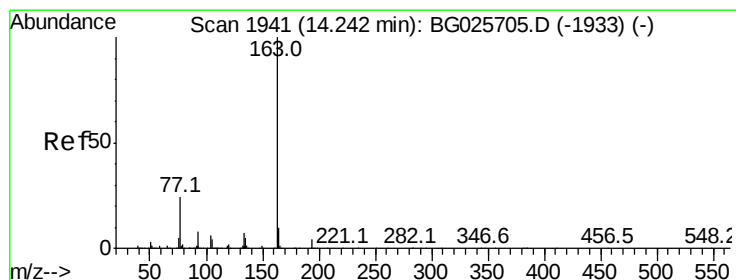
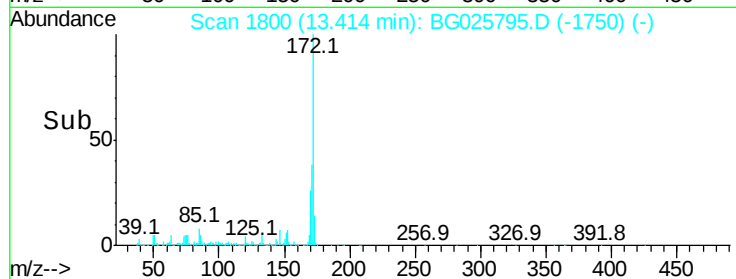
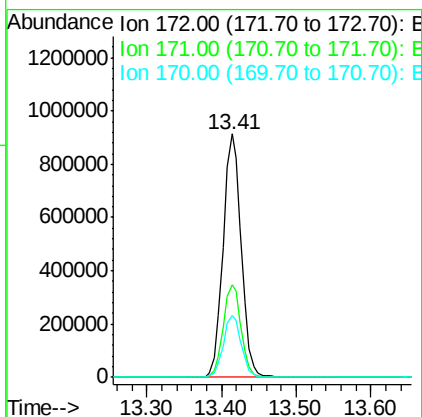
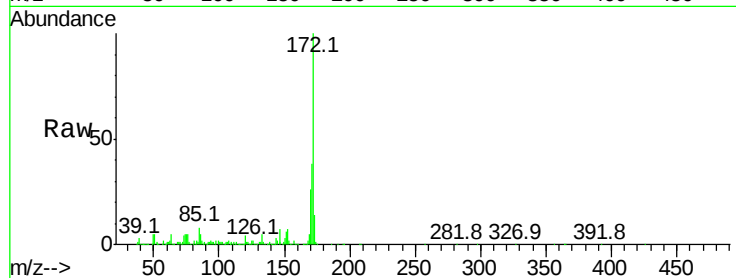




#44
2-Fluorobiphenyl
Concen: 96.13 ng
RT: 13.41 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BG025795.D
Acq: 3 Feb 2017 15:12

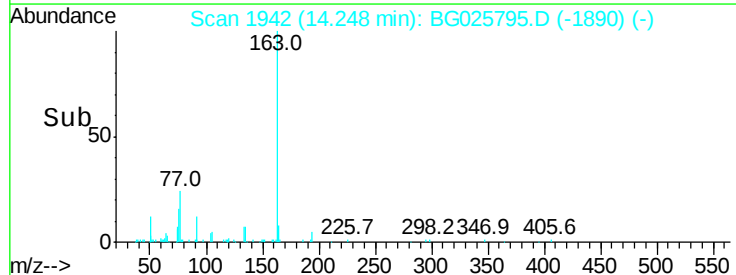
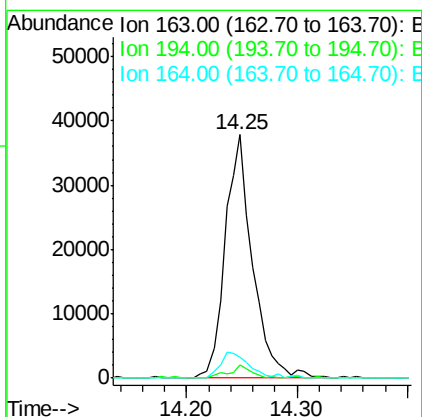
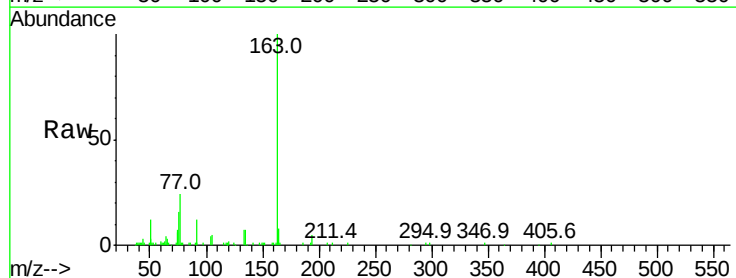
Instrument :
BNA_G
ClientSampleId :

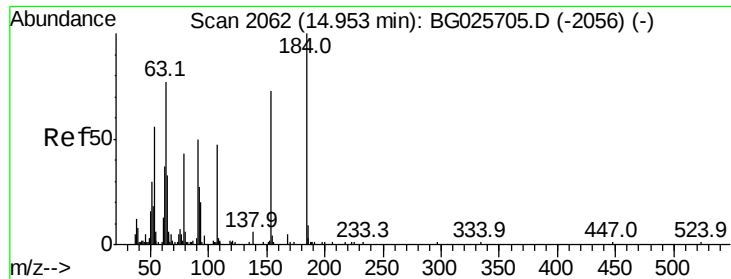
Tot Ion:172 Resp: 1548049
Ion Ratio Lower Upper
172 100
171 38.2 32.2 48.2
170 25.5 21.8 32.6



#49
Dimethylphthalate
Concen: 3.32 ng
RT: 14.25 min Scan# 1942
Delta R.T. 0.01 min
Lab File: BG025795.D
Acq: 3 Feb 2017 15:12

Tgt Ion:163 Resp: 65449
Ion Ratio Lower Upper
163 100
194 5.4 3.8 5.6
164 8.5 9.3 13.9#

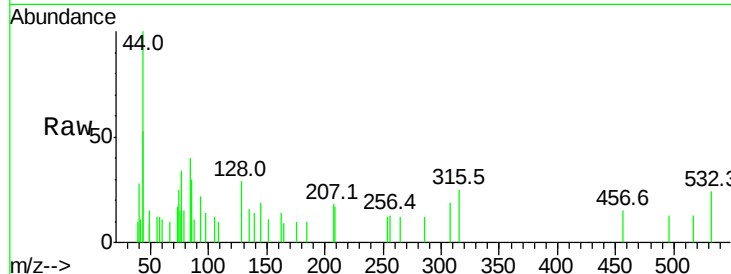




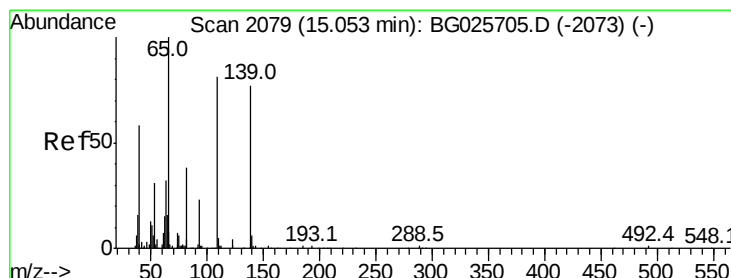
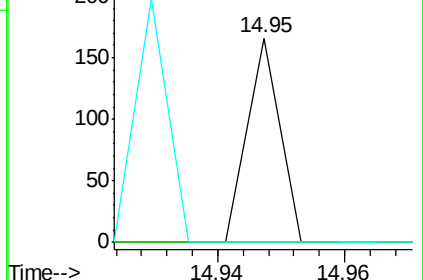
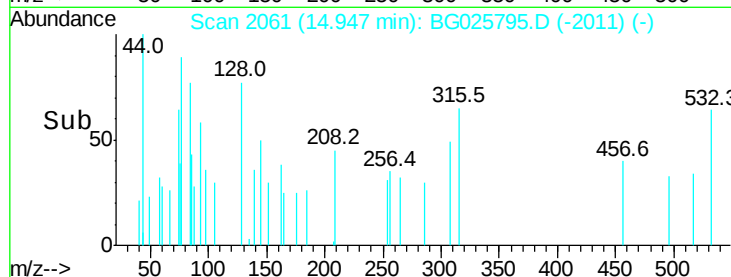
#53
 2,4-Dinitrophenol
 Concen: 9.46 ng
 RT: 14.95 min Scan# 2061
 Delta R.T. -0.01 min
 Lab File: BG025795.D
 Acq: 3 Feb 2017 15:12

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:184 Resp: 59
 Ion Ratio Lower Upper
 184 100
 63 0.0 52.7 79.1#
 154 0.0 57.3 85.9#

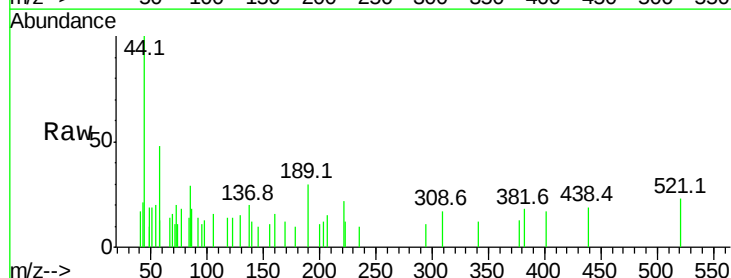


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

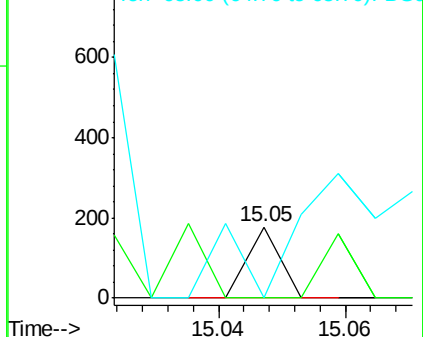
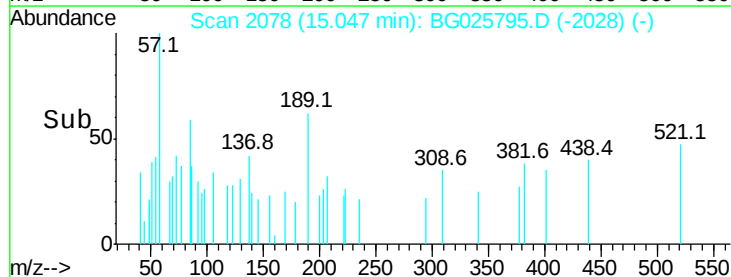


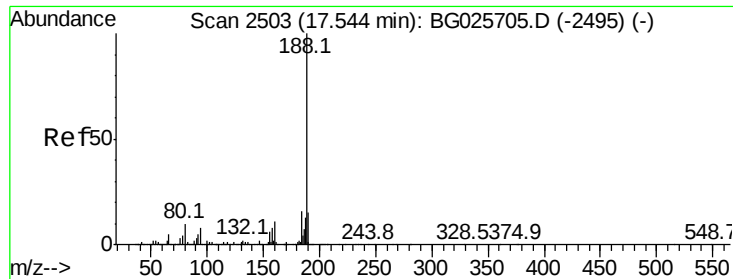
#55
 4-Nitrophenol
 Concen: 5.60 ng
 RT: 15.05 min Scan# 2078
 Delta R.T. -0.01 min
 Lab File: BG025795.D
 Acq: 3 Feb 2017 15:12

Tgt Ion:139 Resp: 63
 Ion Ratio Lower Upper
 139 100
 109 0.0 101.2 141.2#
 65 0.0 135.3 175.3#



Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BG





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.54 min Scan# 2503

Delta R.T. -0.00 min

Lab File: BG025795.D

Acq: 3 Feb 2017 15:12

Instrument :

BNA_G

ClientSampled :

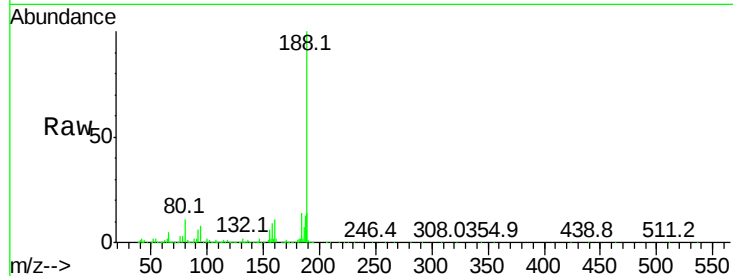
Tot Ion:188 Resp: 583366

Ion Ratio Lower Upper

188 100

94 8.4 5.8 8.8

80 10.5 7.5 11.3

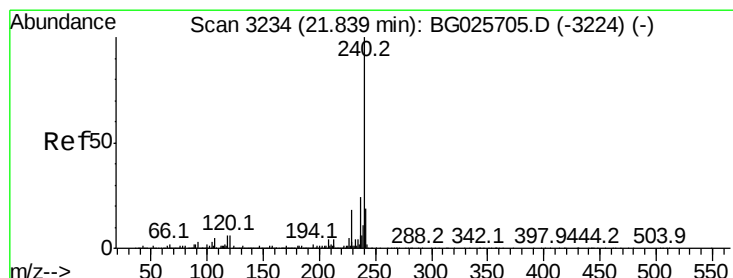
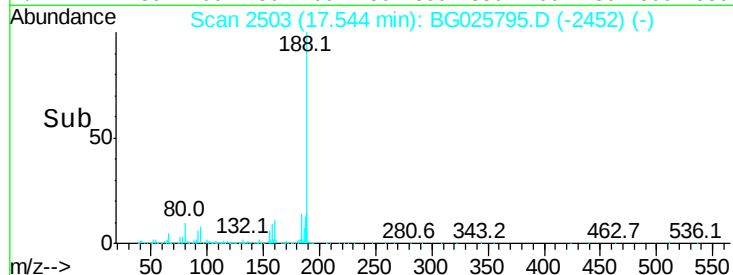
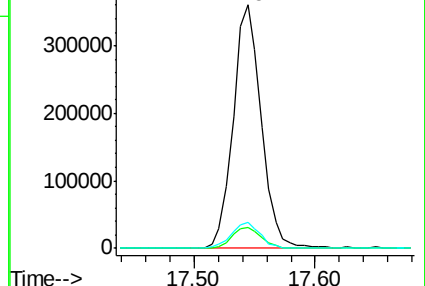


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

17.54



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.83 min Scan# 3233

Delta R.T. -0.01 min

Lab File: BG025795.D

Acq: 3 Feb 2017 15:12

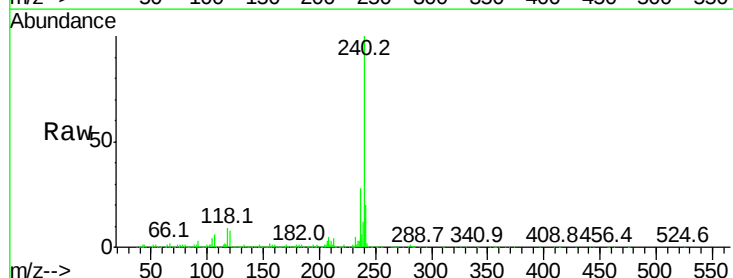
Tgt Ion:240 Resp: 710762

Ion Ratio Lower Upper

240 100

120 8.1 5.7 8.5

236 27.7 22.2 33.4

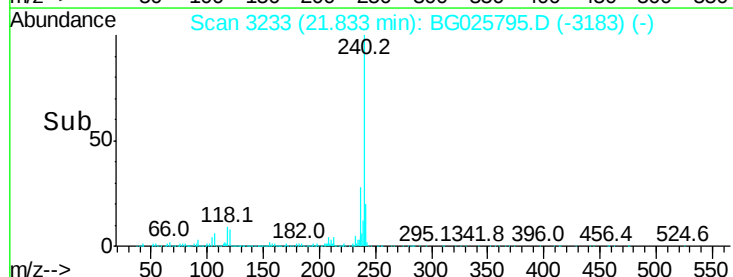
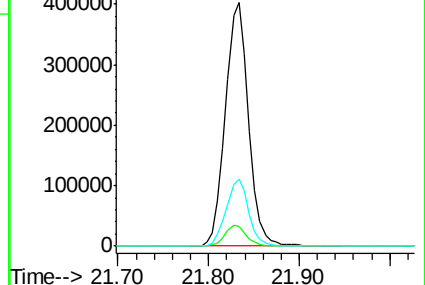


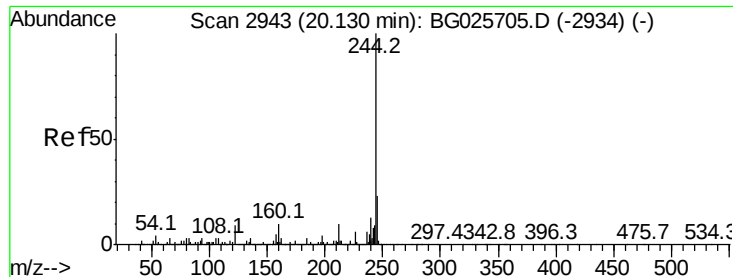
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.83





#78

Terphenyl-d14

Concen: 87.03 ng

RT: 20.12 min Scan# 2942

Delta R.T. -0.01 min

Lab File: BG025795.D

Acq: 3 Feb 2017 15:12

Instrument :

BNA_G

ClientSampleId :

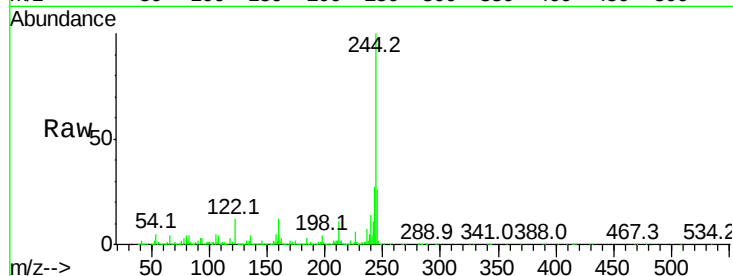
Tot Ion:244 Resp: 2562931

Ion	Ratio	Lower	Upper
244	100		
212	11.1	10.0	15.0
122	12.0	8.6	12.8

244 100

212 11.1 10.0 15.0

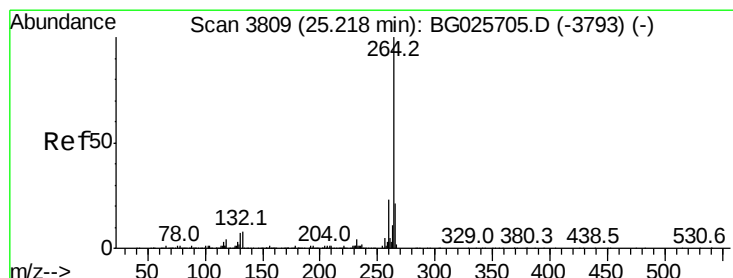
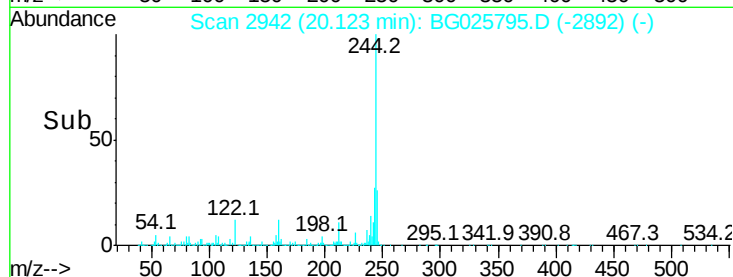
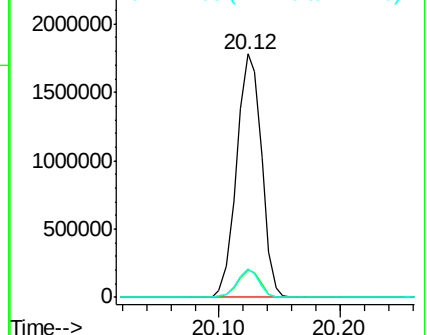
122 12.0 8.6 12.8



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: BG025795.D

Acq: 3 Feb 2017 15:12

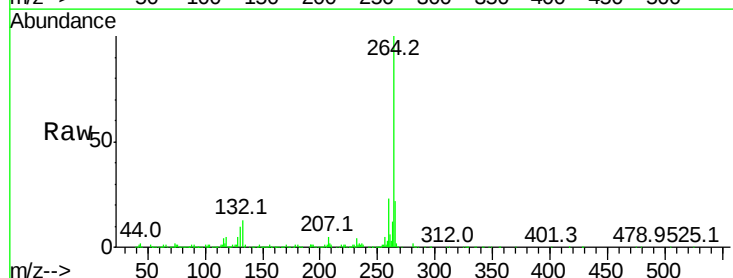
Tgt Ion:264 Resp: 711410

Ion	Ratio	Lower	Upper
264	100		
260	23.4	21.8	32.8
265	21.7	18.2	27.4

264 100

260 23.4 21.8 32.8

265 21.7 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

