

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020317\
 Data File : BG025791.D
 Acq On : 3 Feb 2017 12:36
 Operator : SJ/MA
 Sample : I1646-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 03 13:28:30 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

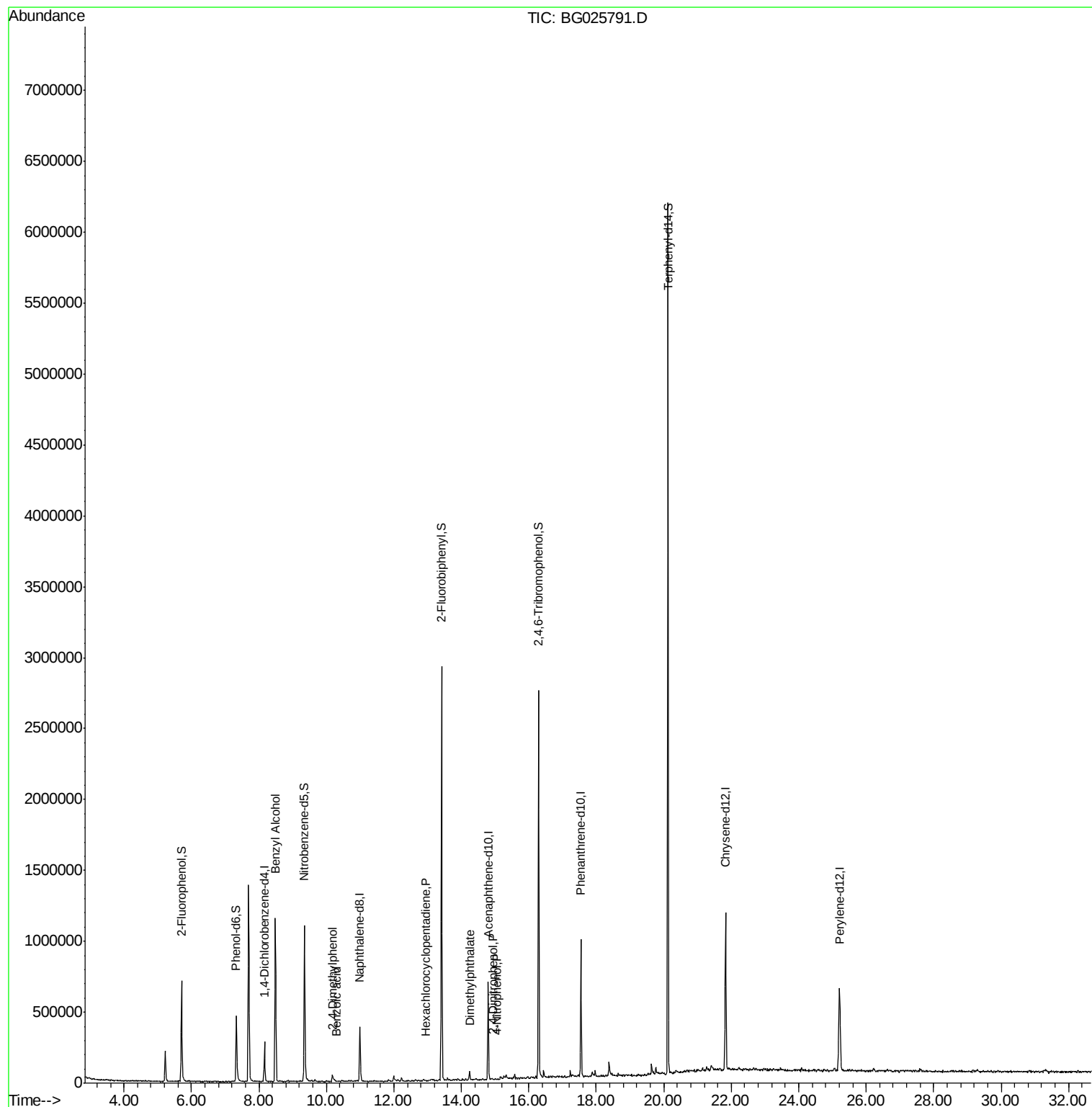
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	72216	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	330119	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	254825	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	571420	20.00	ng	0.00
75) Chrysene-d12	21.83	240	706230	20.00	ng	0.00
86) Perylene-d12	25.21	264	702061	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	305350	75.78	ng	0.00
7) Phenol-d6	7.33	99	281820	47.89	ng	0.00
23) Nitrobenzene-d5	9.35	82	714629	91.47	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	513383	141.27	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1455395	92.76	ng	0.00
78) Terphenyl-d14	20.13	244	2411959	82.43	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.49	79	11270	2.21	ng	# 29
27) 2,4-Dimethylphenol	10.18	122	20280	3.85	ng	# 91
32) Benzoic acid	10.30	122	1366	8.22	ng	# 1
40) Hexachlorocyclopentadiene	12.95	237	58	10.70	ng	# 29
49) Dimethylphthalate	14.25	163	44118	2.30	ng	# 95
53) 2,4-Dinitrophenol	14.94	184	62	9.46	ng	# 33
55) 4-Nitrophenol	15.04	139	451	5.71	ng	# 28

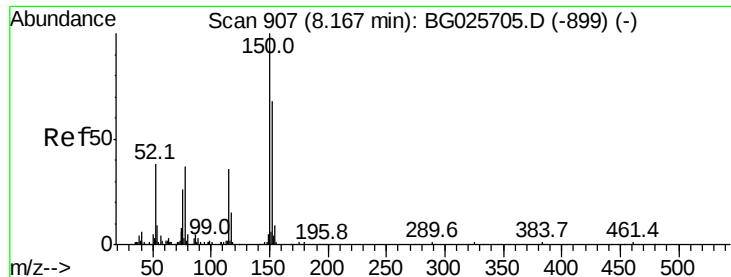
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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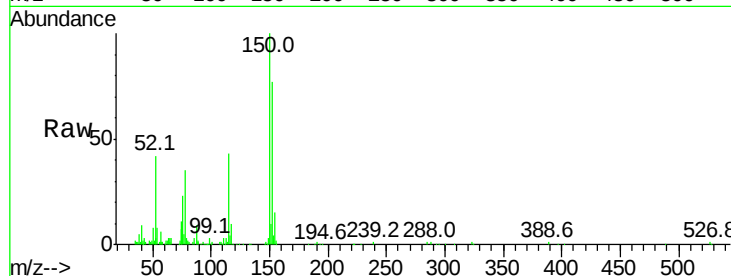


#1

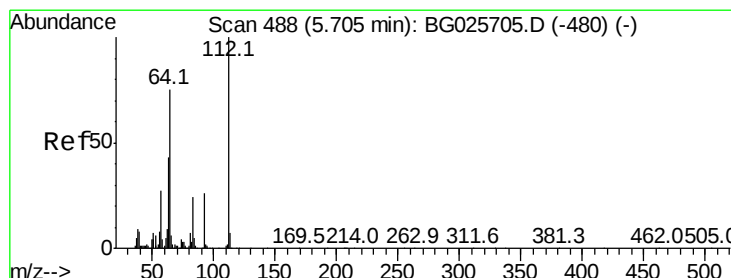
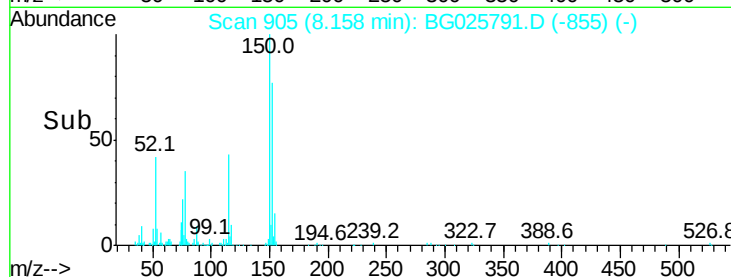
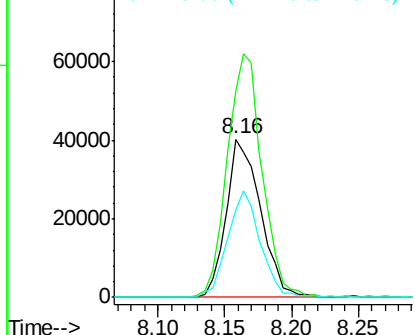
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 905
Delta R.T. -0.01 min
Lab File: BG025791.D
Acq: 3 Feb 2017 12:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 72216
Ion Ratio Lower Upper
152 100
150 130.6 114.0 171.0
115 55.6 48.1 72.1



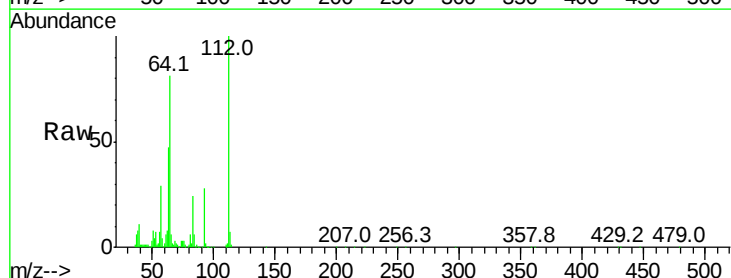
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



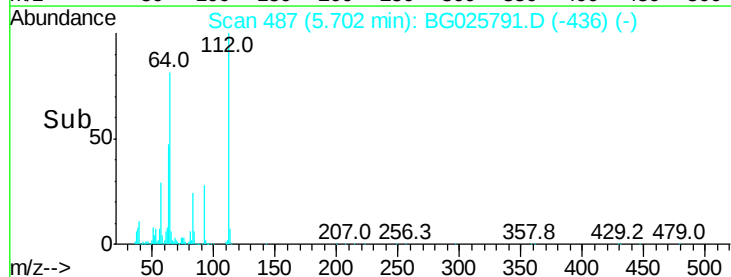
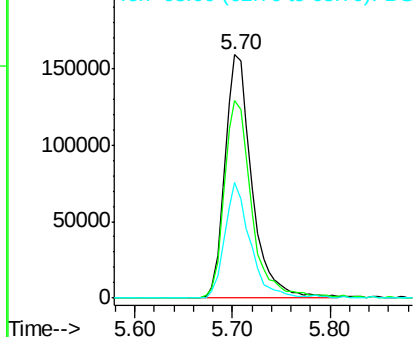
#5

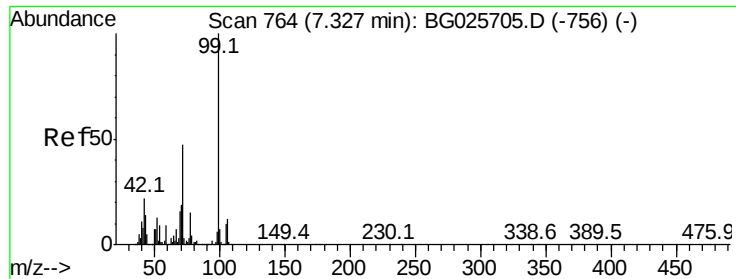
2-Fluorophenol
Concen: 75.78 ng
RT: 5.70 min Scan# 487
Delta R.T. -0.00 min
Lab File: BG025791.D
Acq: 3 Feb 2017 12:36

Tgt Ion:112 Resp: 305350
Ion Ratio Lower Upper
112 100
64 81.1 61.8 92.6
63 47.4 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: 47.89 ng

RT: 7.33 min Scan# 764

Delta R.T. 0.00 min

Lab File: BG025791.D

Acq: 3 Feb 2017 12:36

Instrument :

BNA_G

ClientSampleId :

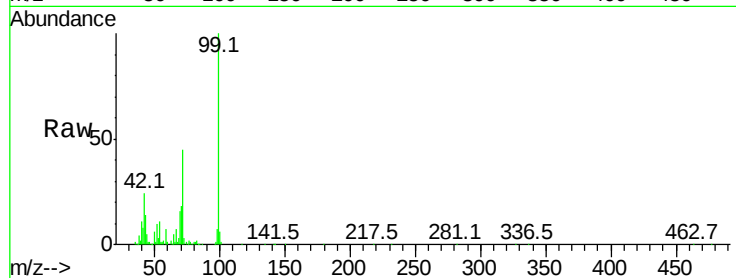
Tot Ion: 99 Resp: 281820

Ion Ratio Lower Upper

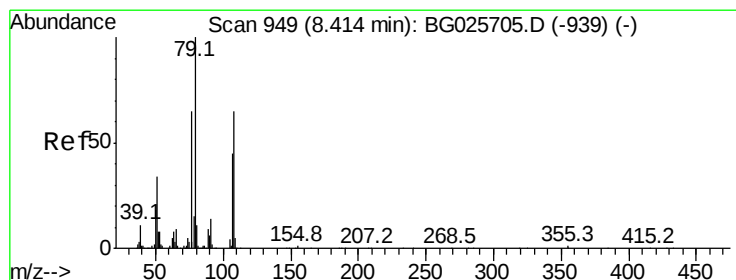
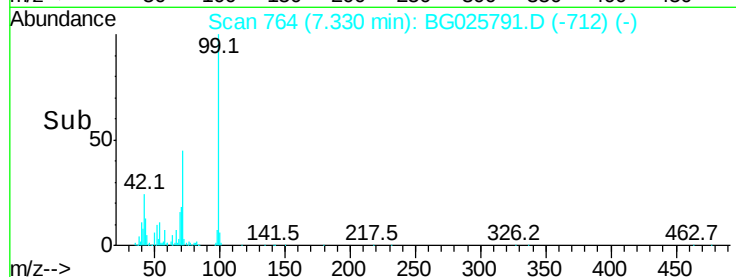
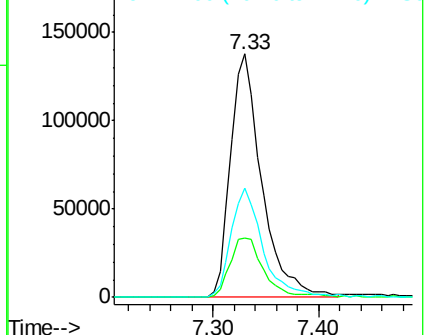
99 100

42 24.5 20.5 30.7

71 44.7 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: 2.21 ng

RT: 8.49 min Scan# 961

Delta R.T. 0.07 min

Lab File: BG025791.D

Acq: 3 Feb 2017 12:36

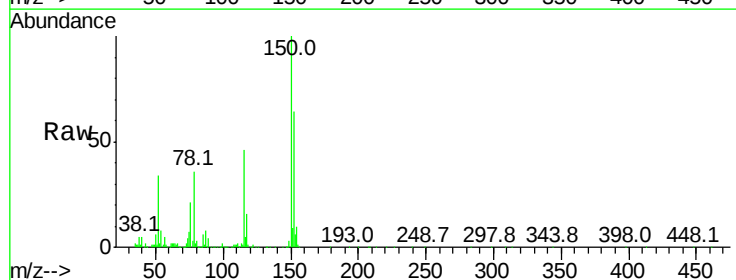
Tgt Ion: 79 Resp: 11270

Ion Ratio Lower Upper

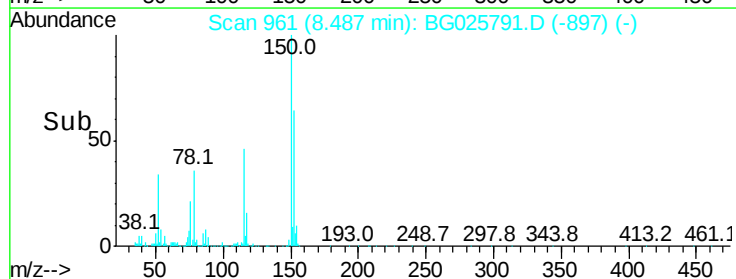
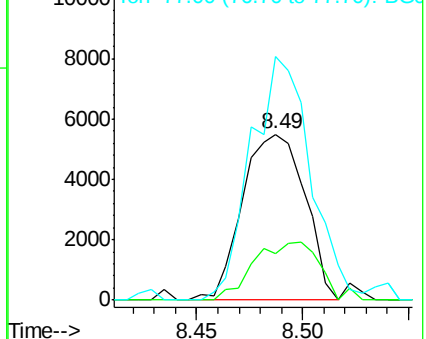
79 100

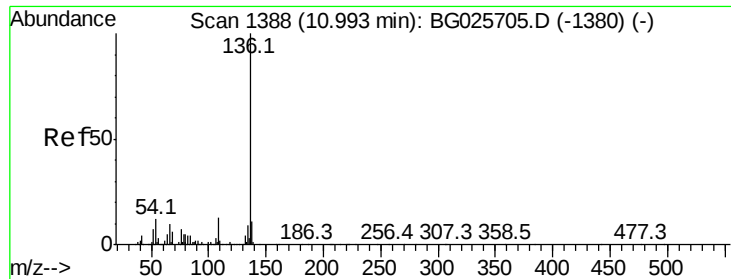
108 27.8 45.5 68.3#

77 146.6 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

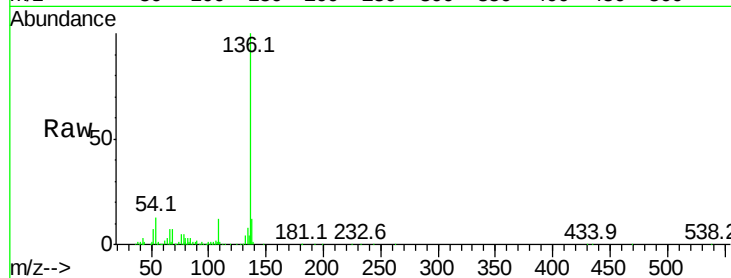




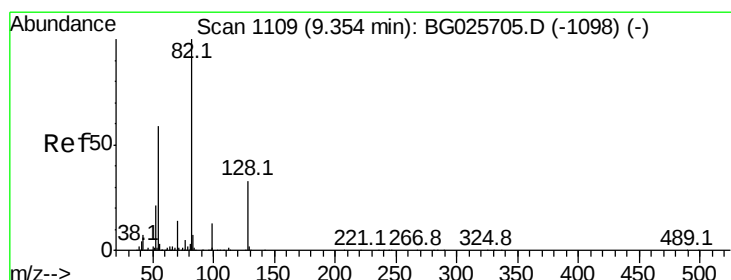
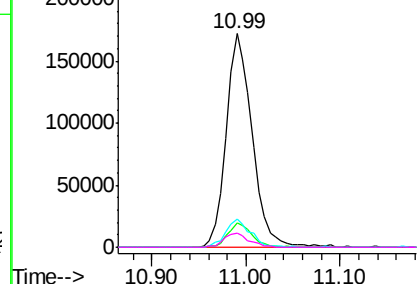
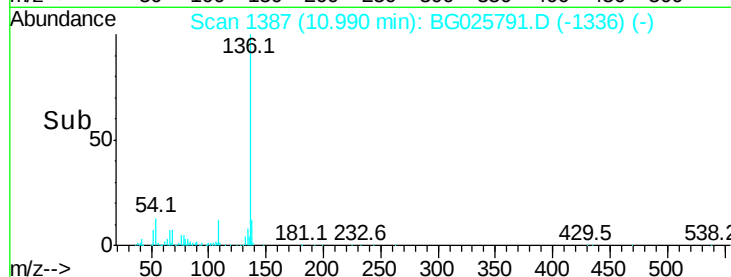
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BG025791.D
Acq: 3 Feb 2017 12:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	330119
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	12.9	9.3	13.9
68	6.7	5.1	7.7

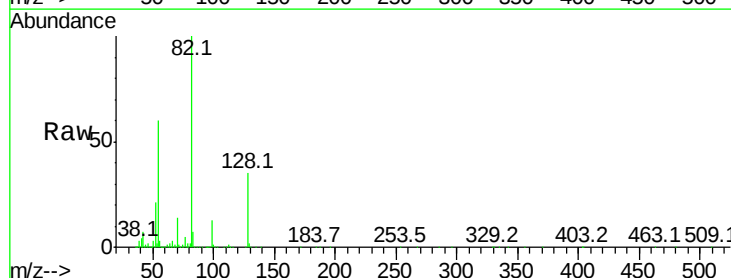


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

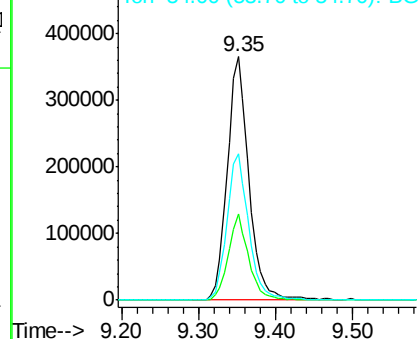
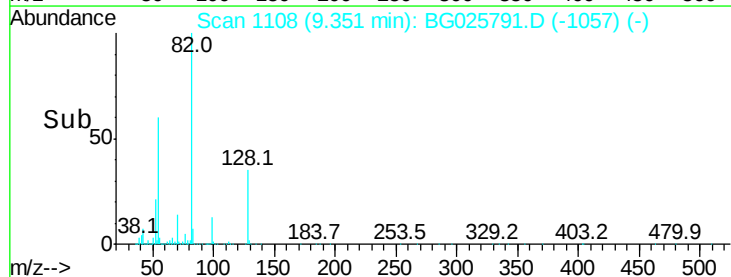


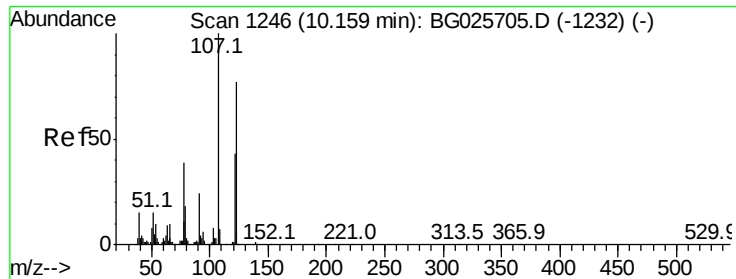
#23
Nitrobenzene-d5
Concen: 91.47 ng
RT: 9.35 min Scan# 1108
Delta R.T. -0.00 min
Lab File: BG025791.D
Acq: 3 Feb 2017 12:36

Tgt Ion:	82	Resp:	714629
Ion	Ratio	Lower	Upper
82	100		
128	35.3	26.4	39.6
54	59.9	49.4	74.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





#27

2,4-Dimethylphenol

Concen: 3.85 ng

RT: 10.18 min Scan# 1249

Delta R.T. 0.02 min

Lab File: BG025791.D

Acq: 3 Feb 2017 12:36

Instrument :

BNA_G

ClientSampleId :

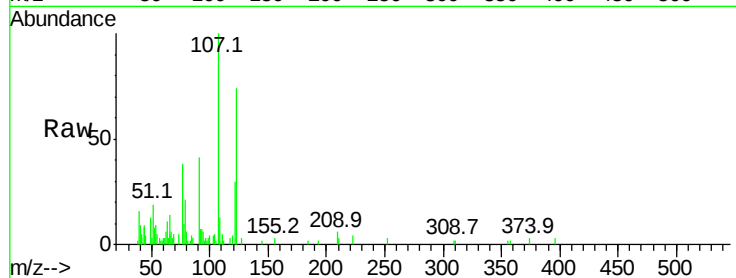
Tot Ion:122 Resp: 20280

Ion Ratio Lower Upper

122 100

107 134.5 104.2 156.4

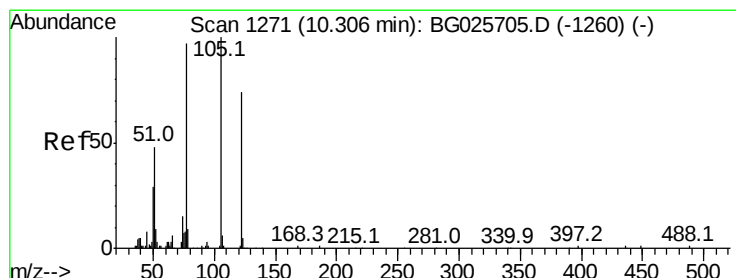
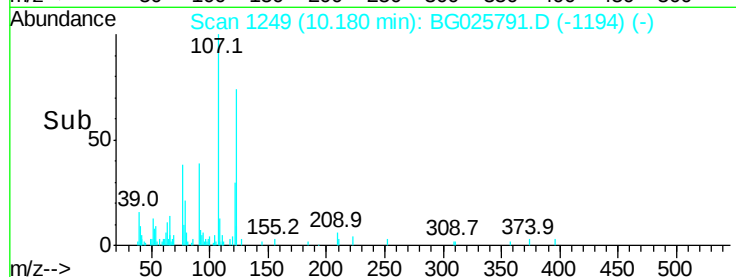
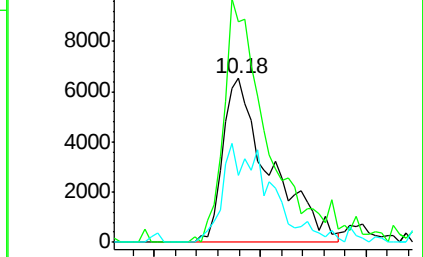
121 40.9 46.0 69.0#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#32

Benzoic acid

Concen: 8.22 ng

RT: 10.30 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BG025791.D

Acq: 3 Feb 2017 12:36

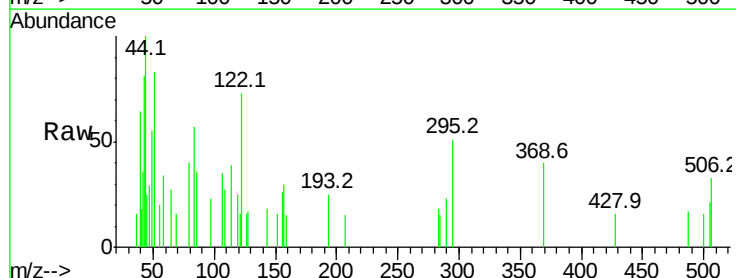
Tgt Ion:122 Resp: 1366

Ion Ratio Lower Upper

122 100

105 0.0 120.1 160.1#

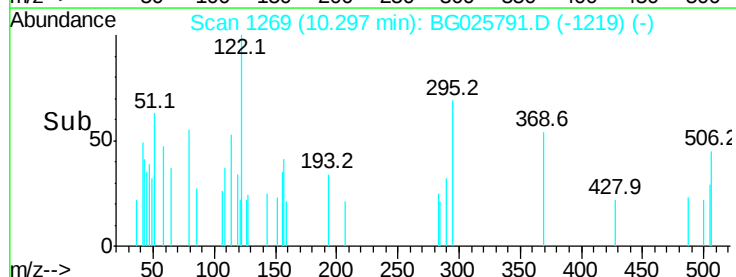
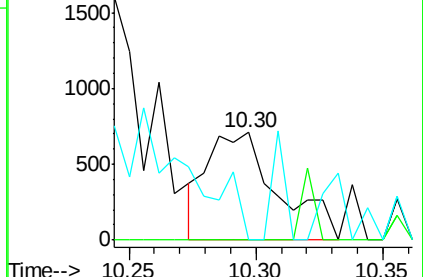
77 0.0 104.6 144.6#

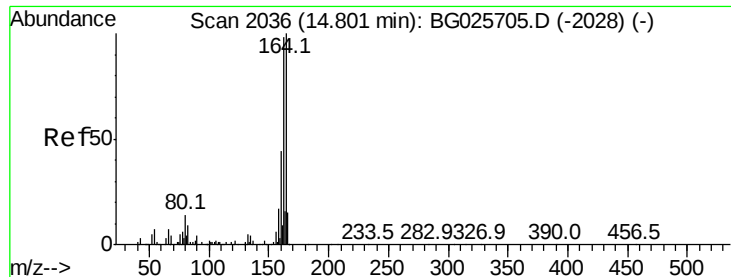


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG025791.D

Acq: 3 Feb 2017 12:36

Instrument :

BNA_G

ClientSampleId :

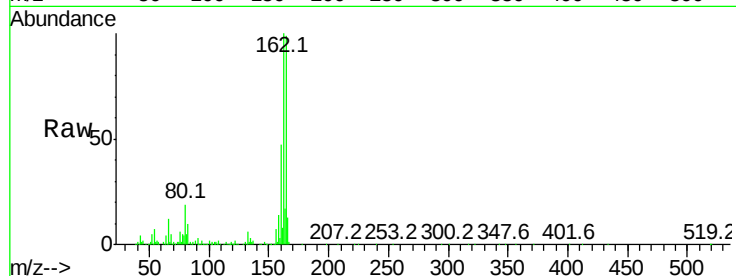
Tot Ion:164 Resp: 254825

Ion Ratio Lower Upper

164 100

162 101.4 85.1 127.7

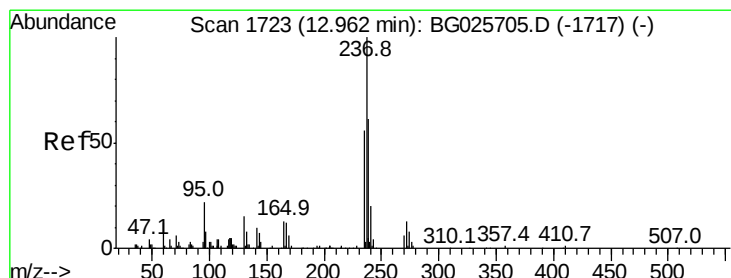
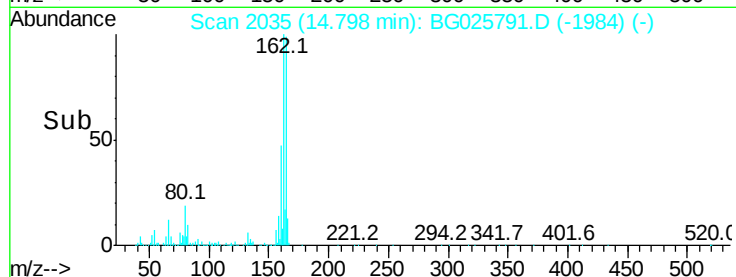
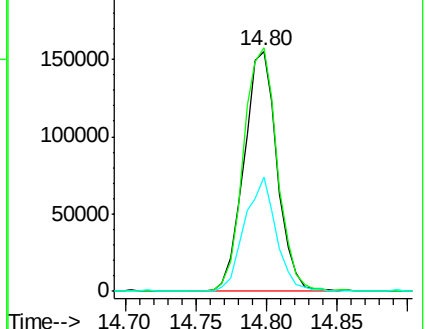
160 47.7 34.7 52.1



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



#40

Hexachlorocyclopentadiene

Concen: 10.70 ng

RT: 12.95 min Scan# 1720

Delta R.T. -0.01 min

Lab File: BG025791.D

Acq: 3 Feb 2017 12:36

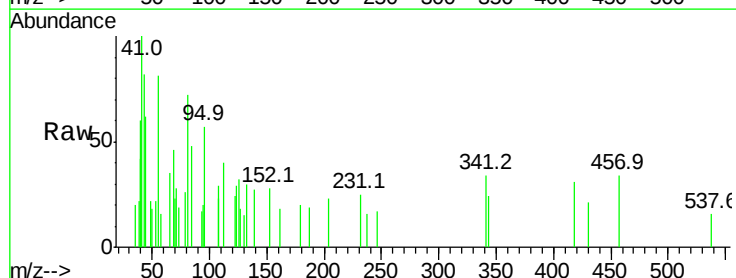
Tgt Ion:237 Resp: 58

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

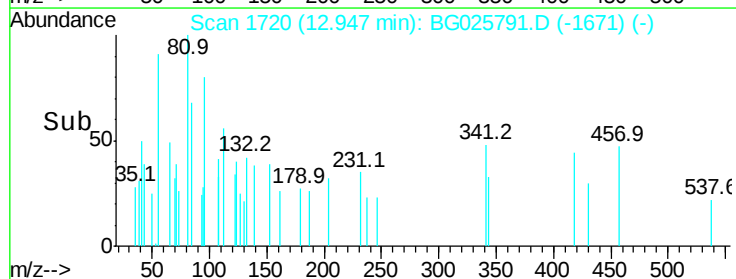
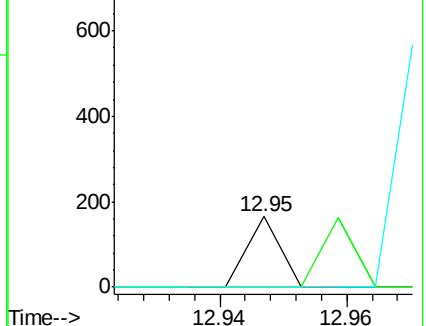
272 0.0 0.0 32.0

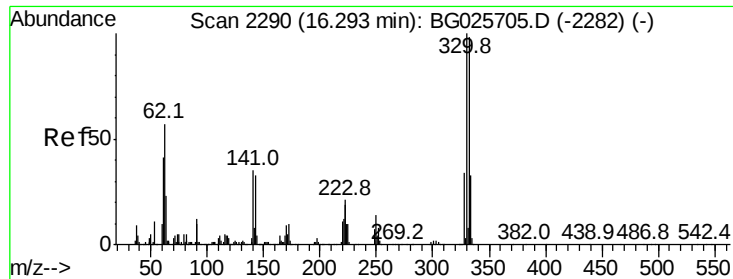


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

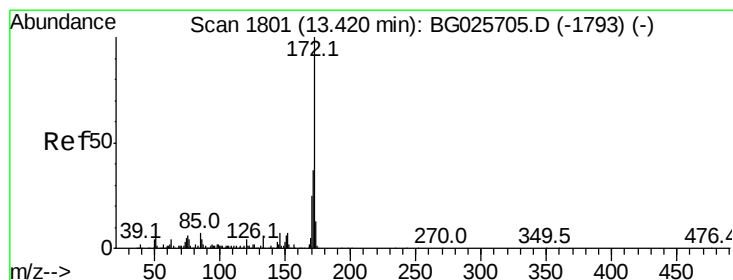
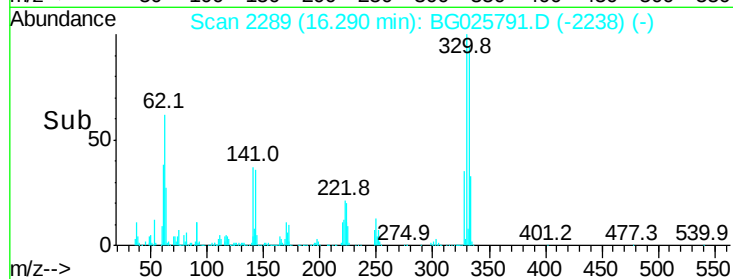
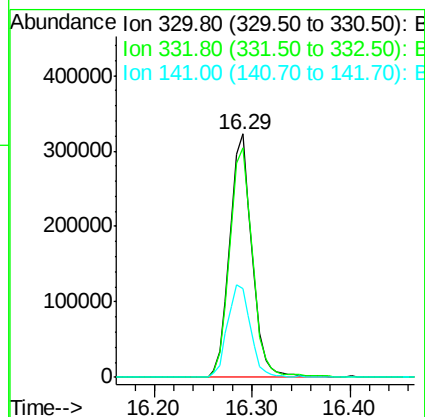
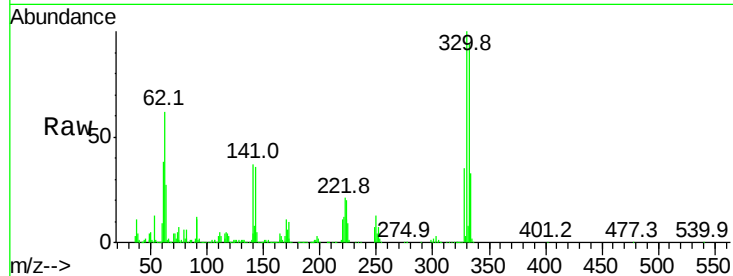




#41
 2,4,6-Tribromophenol
 Concen: 141.27 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.00 min
 Lab File: BG025791.D
 Acq: 3 Feb 2017 12:36

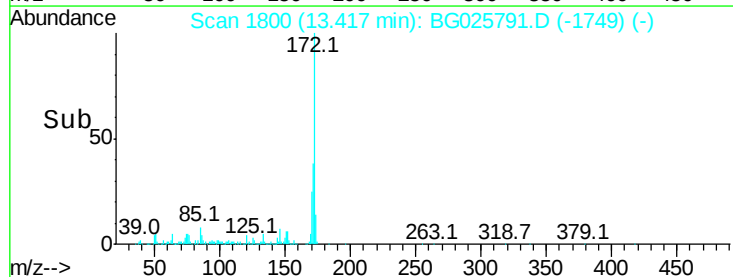
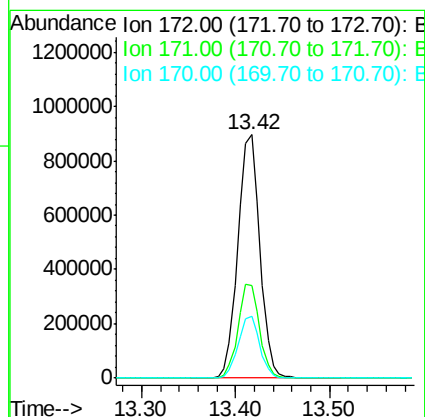
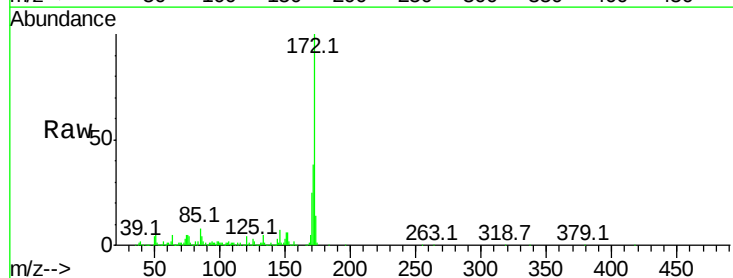
Instrument :
 BNA_G
 ClientSampleId :

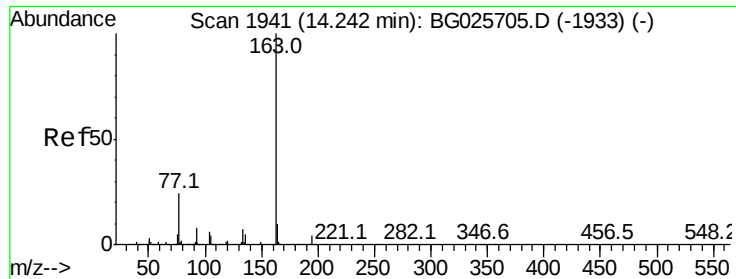
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	39.4	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 92.76 ng
 RT: 13.42 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BG025791.D
 Acq: 3 Feb 2017 12:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	32.2	48.2
170	25.3	21.8	32.6





#49

Dimethylphthalate

Concen: 2.30 ng

RT: 14.25 min Scan# 1941

Delta R.T. 0.00 min

Lab File: BG025791.D

Acq: 3 Feb 2017 12:36

Instrument :

BNA_G

ClientSampleId :

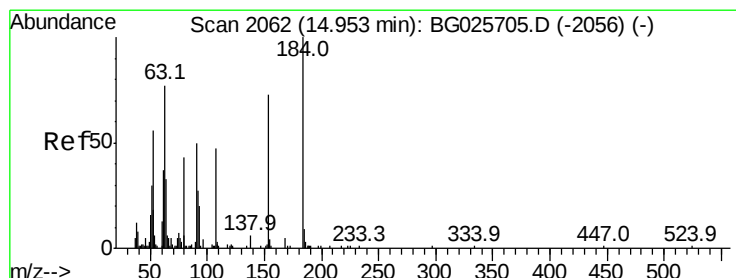
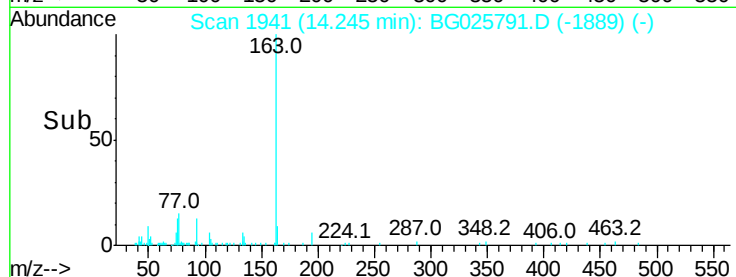
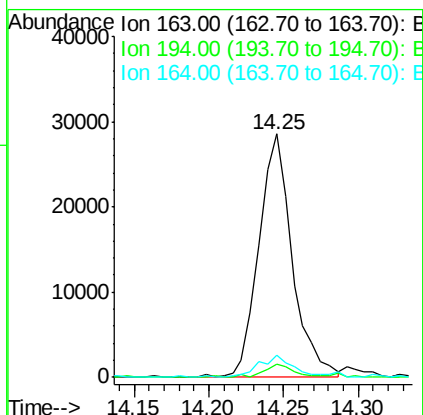
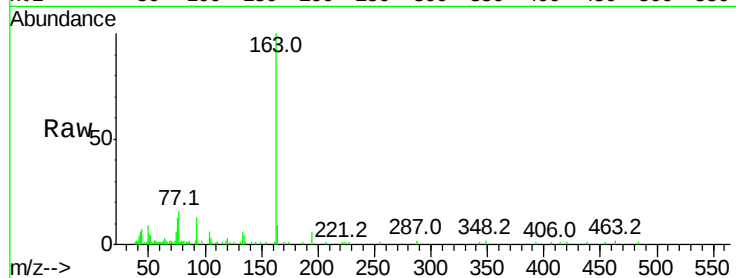
Tot Ion:163 Resp: 44118

Ion Ratio Lower Upper

163 100

194 5.5 3.8 5.6

164 9.2 9.3 13.9#



#53

2,4-Dinitrophenol

Concen: 9.46 ng

RT: 14.94 min Scan# 2060

Delta R.T. -0.01 min

Lab File: BG025791.D

Acq: 3 Feb 2017 12:36

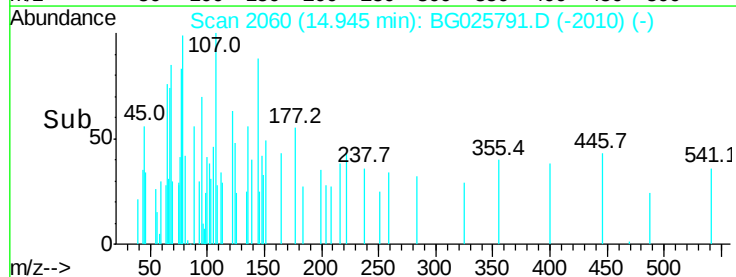
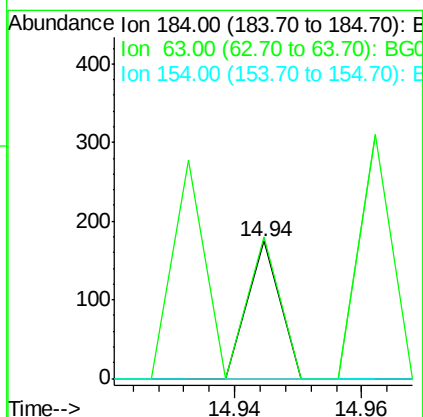
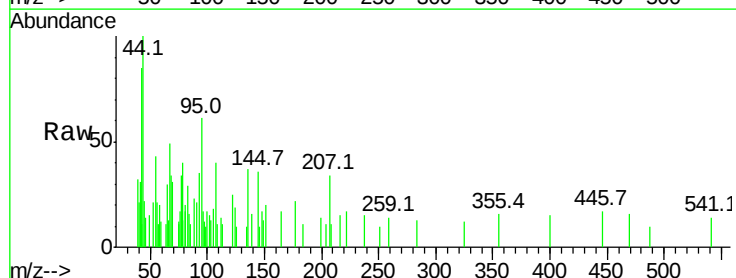
Tgt Ion:184 Resp: 62

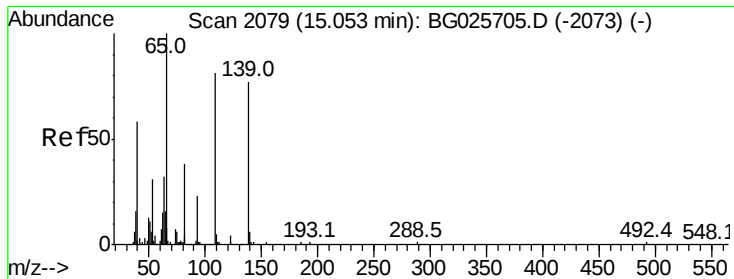
Ion Ratio Lower Upper

184 100

63 102.9 52.7 79.1#

154 0.0 57.3 85.9#

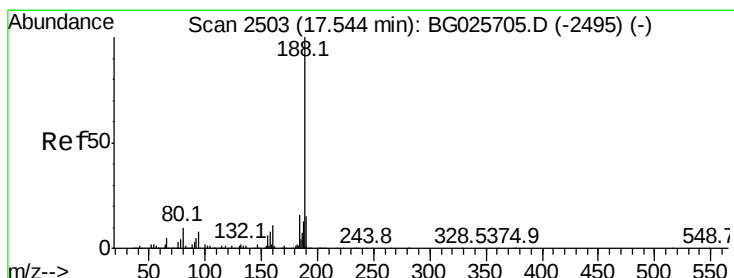
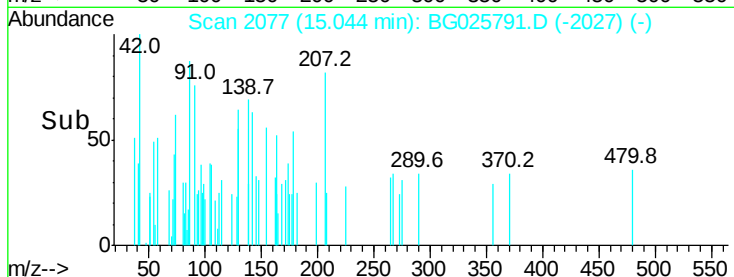
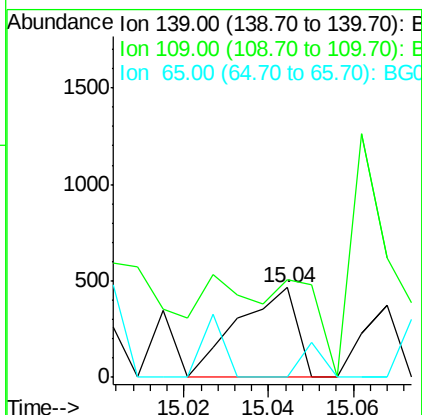
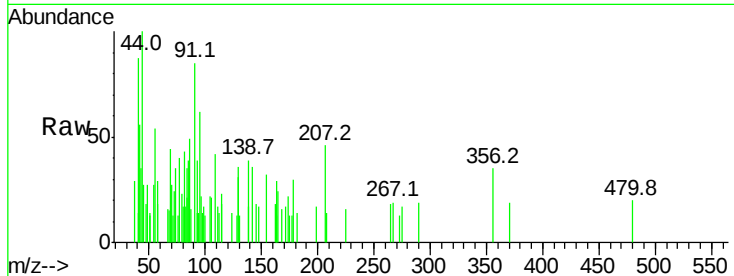




#55
4-Nitrophenol
Concen: 5.71 ng
RT: 15.04 min Scan# 2077
Delta R.T. -0.01 min
Lab File: BG025791.D
Acq: 3 Feb 2017 12:36

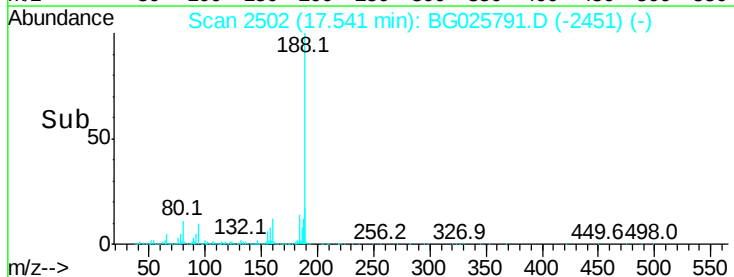
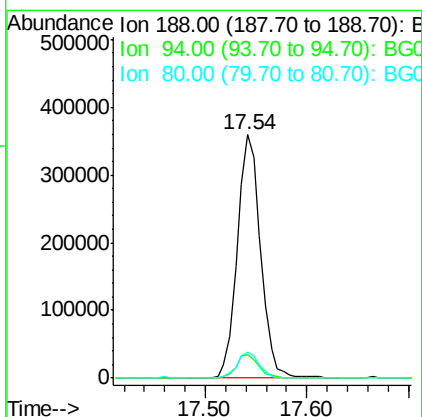
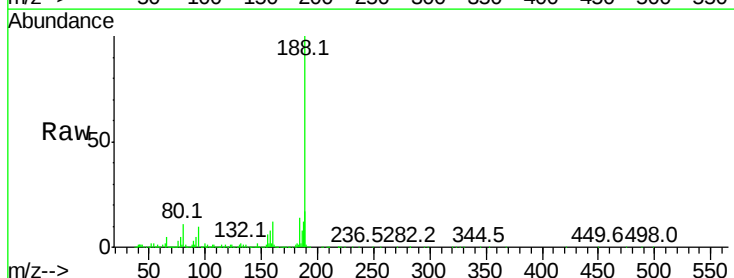
Instrument :
BNA_G
ClientSampleId :

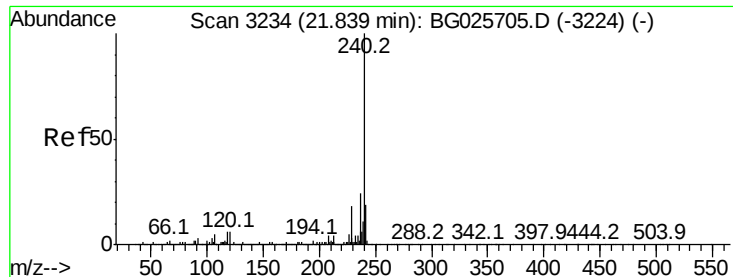
Tot Ion:139 Resp: 451
Ion Ratio Lower Upper
139 100
109 108.2 101.2 141.2
65 0.0 135.3 175.3#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.54 min Scan# 2502
Delta R.T. -0.00 min
Lab File: BG025791.D
Acq: 3 Feb 2017 12:36

Tgt Ion:188 Resp: 571420
Ion Ratio Lower Upper
188 100
94 9.7 5.8 8.8#
80 10.8 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: BG025791.D

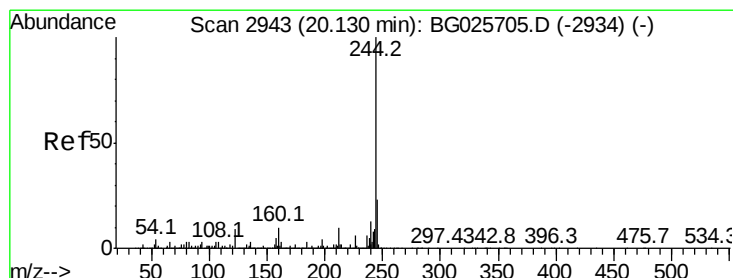
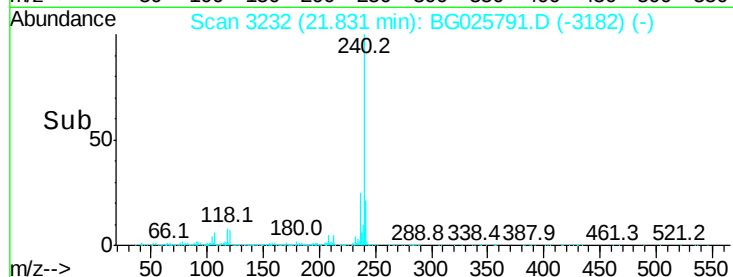
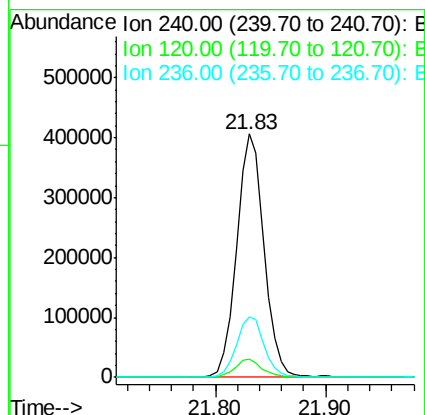
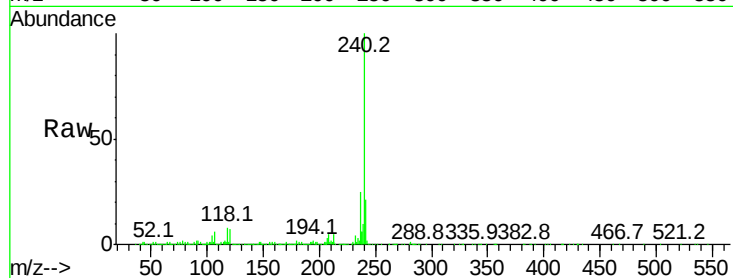
Acq: 3 Feb 2017 12:36

Instrument :

BNA_G

ClientSampled :

Tot Ion:	240	Resp:	706230
Ion	Ratio	Lower	Upper
240	100		
120	7.3	5.7	8.5
236	25.1	22.2	33.4



#78

Terphenyl-d14

Concen: 82.43 ng

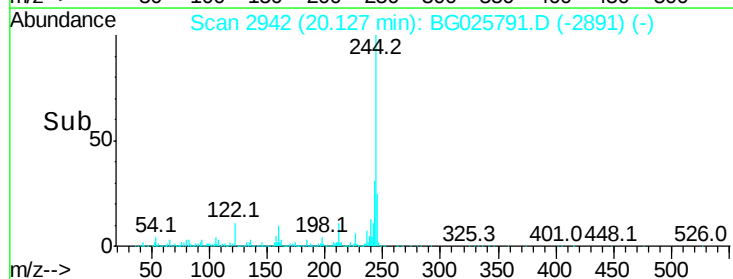
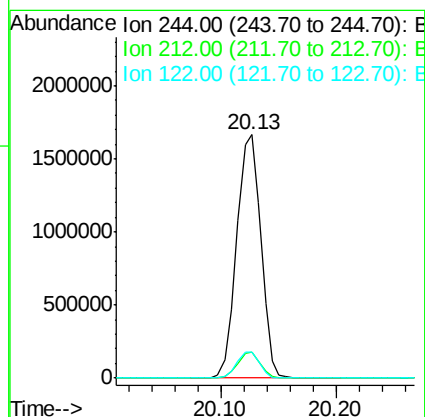
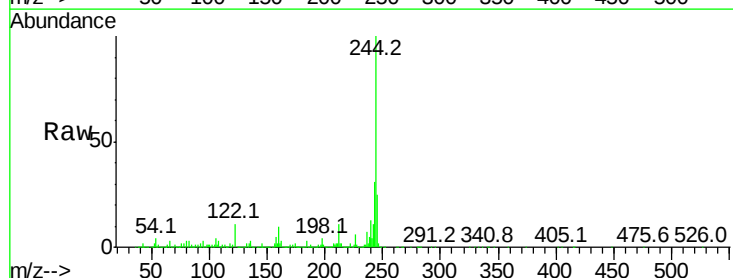
RT: 20.13 min Scan# 2942

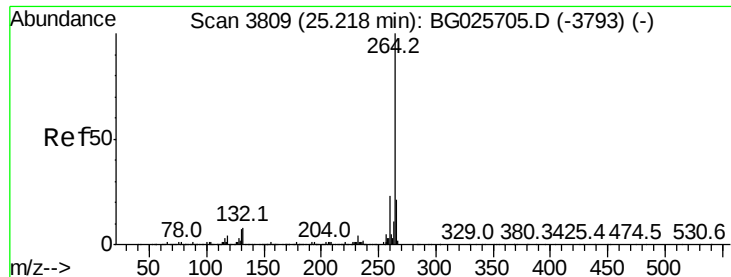
Delta R.T. -0.00 min

Lab File: BG025791.D

Acq: 3 Feb 2017 12:36

Tgt Ion:	244	Resp:	2411959
Ion	Ratio	Lower	Upper
244	100		
212	10.5	10.0	15.0
122	10.6	8.6	12.8

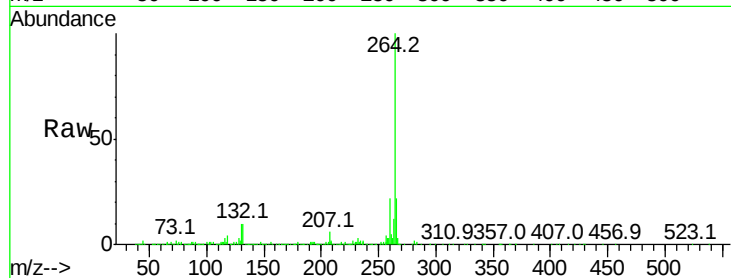




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.21 min Scan# 3807
 Delta R.T. -0.01 min
 Lab File: BG025791.D
 Acq: 3 Feb 2017 12:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.6	21.8	32.8#
265	21.9	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

