

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020317\
 Data File : BG025788.D
 Acq On : 3 Feb 2017 10:39
 Operator : SJ/MA
 Sample : I1661-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 03 12:33:03 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

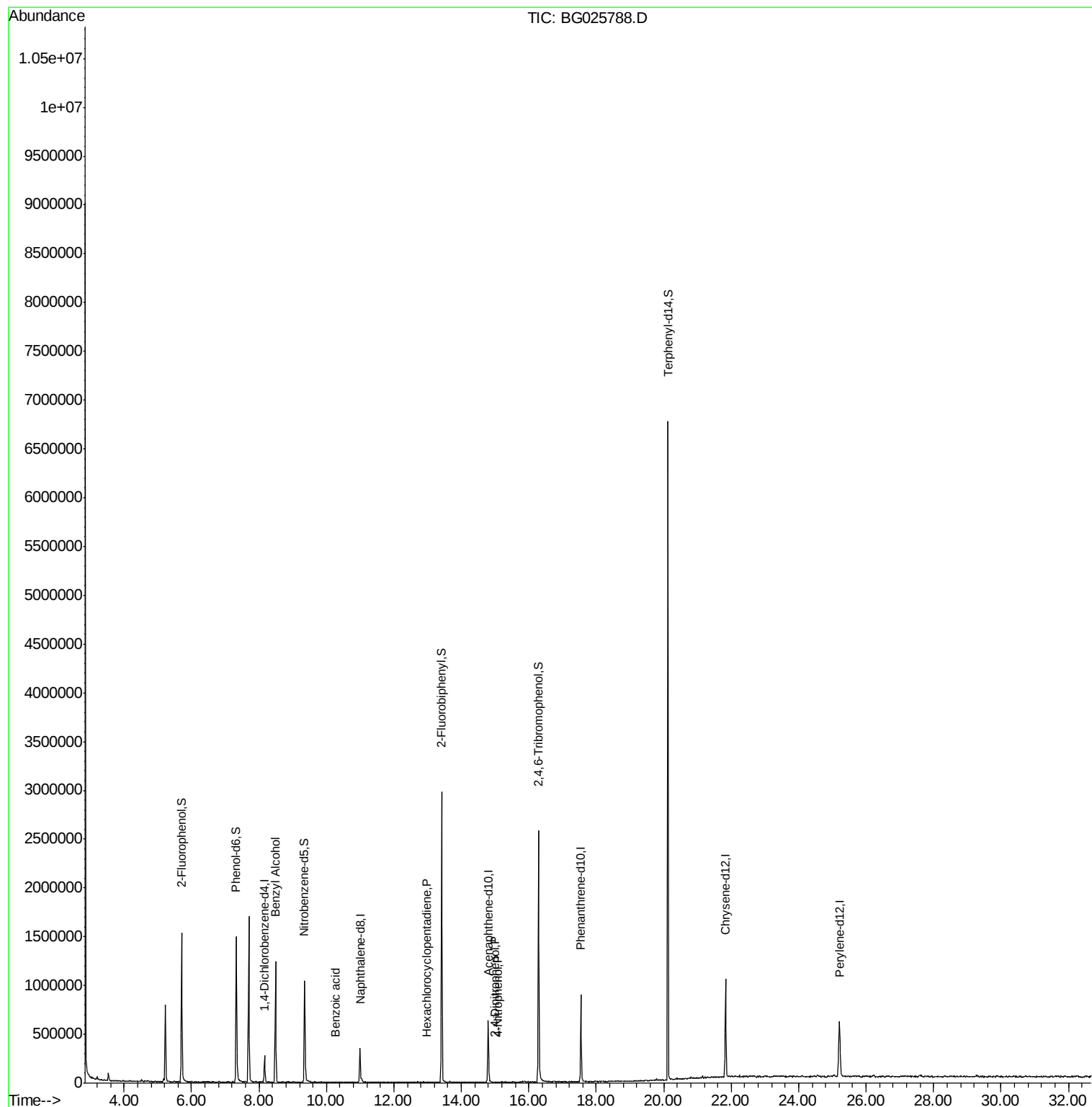
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	72551	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	303009	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	235829	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	545252	20.00	ng	0.00
75) Chrysene-d12	21.83	240	692588	20.00	ng	-0.01
86) Perylene-d12	25.21	264	676700	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	620793	153.35	ng	0.00
7) Phenol-d6	7.33	99	842209	142.45	ng	0.00
23) Nitrobenzene-d5	9.35	82	697496	97.26	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	497171	147.83	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1468298	101.12	ng	0.00
78) Terphenyl-d14	20.12	244	2568996	89.53	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.49	79	12769	2.50	ng	# 67
32) Benzoic acid	10.26	122	59	7.91	ng	# 1
40) Hexachlorocyclopentadiene	12.98	237	60	10.70	ng	# 29
53) 2,4-Dinitrophenol	14.99	184	91	9.47	ng	# 56
55) 4-Nitrophenol	15.07	139	167	5.64	ng	# 1

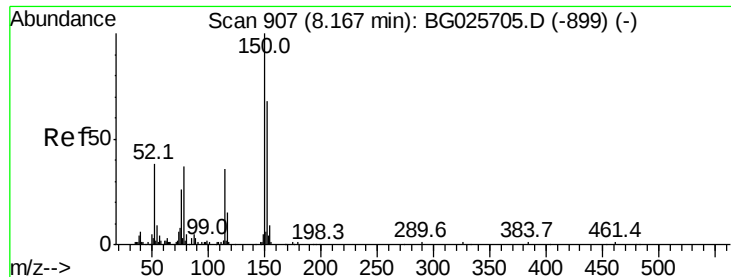
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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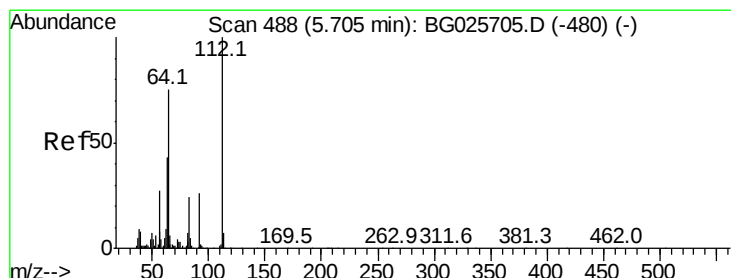
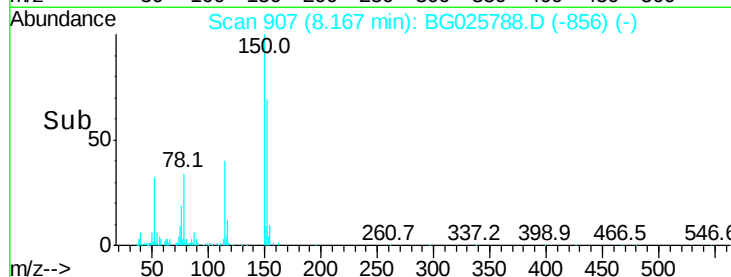
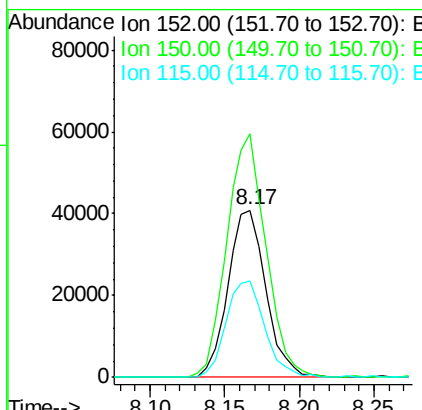
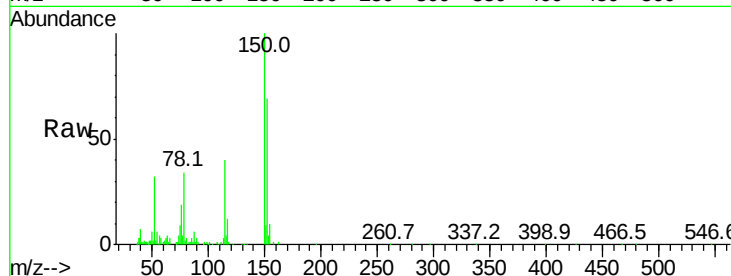


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 907
Delta R.T. -0.00 min
Lab File: BG025788.D
Acq: 3 Feb 2017 10:39

Instrument :
BNA_G
ClientSampleId :

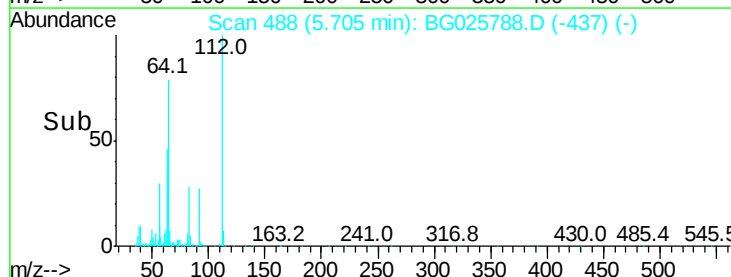
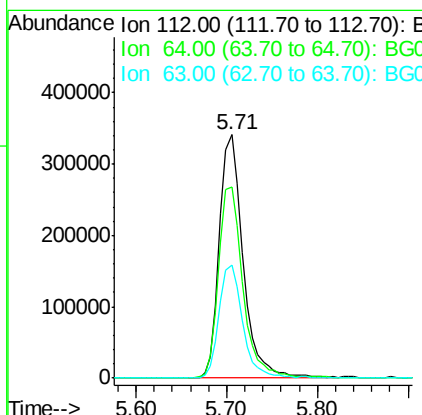
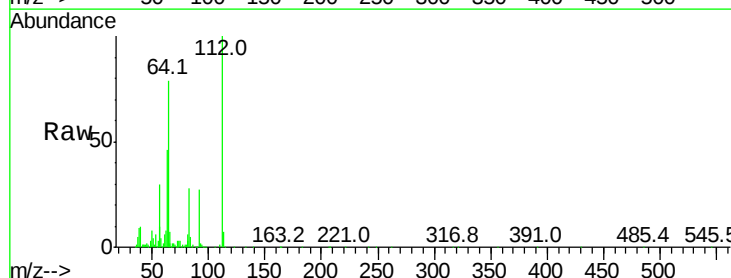
Tot Ion:152 Resp: 72551
Ion Ratio Lower Upper
152 100
150 145.9 114.0 171.0
115 57.9 48.1 72.1

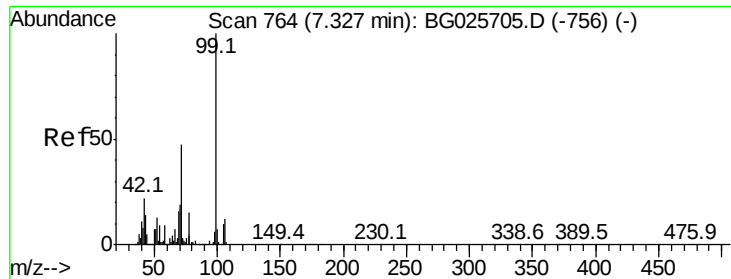


#5

2-Fluorophenol
Concen: 153.35 ng
RT: 5.71 min Scan# 488
Delta R.T. -0.00 min
Lab File: BG025788.D
Acq: 3 Feb 2017 10:39

Tgt Ion:112 Resp: 620793
Ion Ratio Lower Upper
112 100
64 78.8 61.8 92.6
63 46.5 37.2 55.8





#7

Phenol-d6

Concen: 142.45 ng

RT: 7.33 min Scan# 764

Delta R.T. -0.00 min

Lab File: BG025788.D

Acq: 3 Feb 2017 10:39

Instrument :

BNA_G

ClientSampleId :

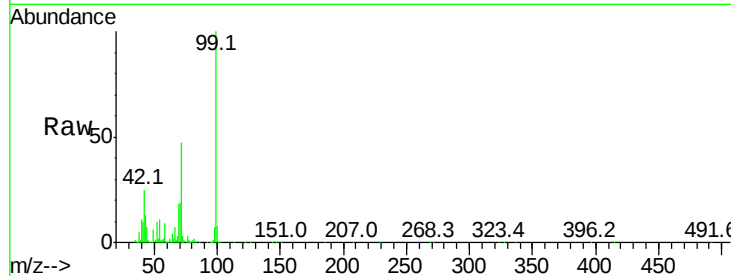
Tot Ion: 99 Resp: 842209

Ion Ratio Lower Upper

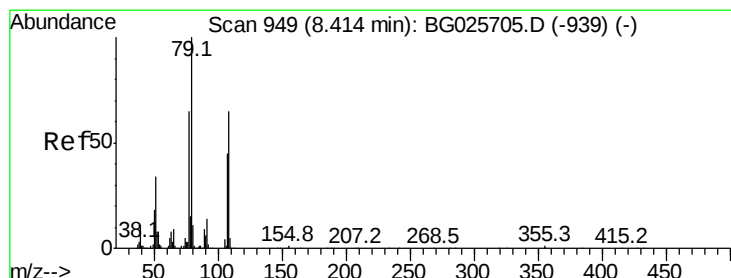
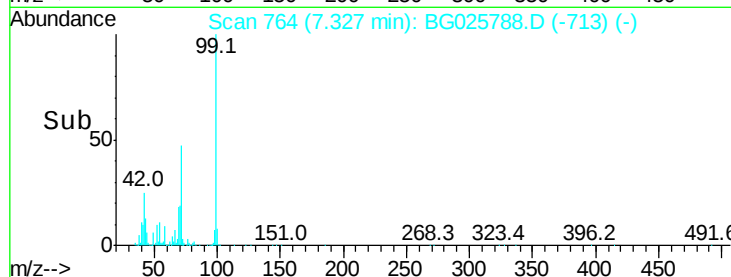
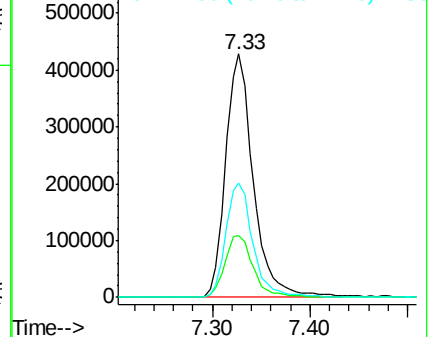
99 100

42 25.4 20.5 30.7

71 47.0 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: 2.50 ng

RT: 8.49 min Scan# 962

Delta R.T. 0.08 min

Lab File: BG025788.D

Acq: 3 Feb 2017 10:39

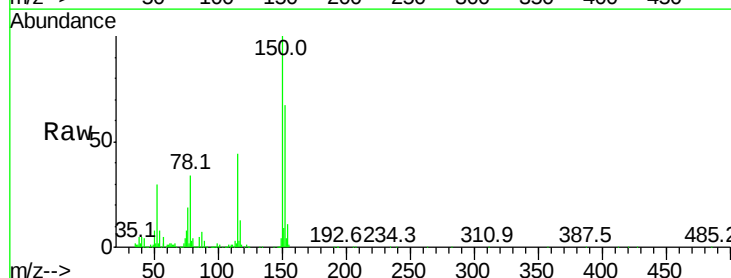
Tgt Ion: 79 Resp: 12769

Ion Ratio Lower Upper

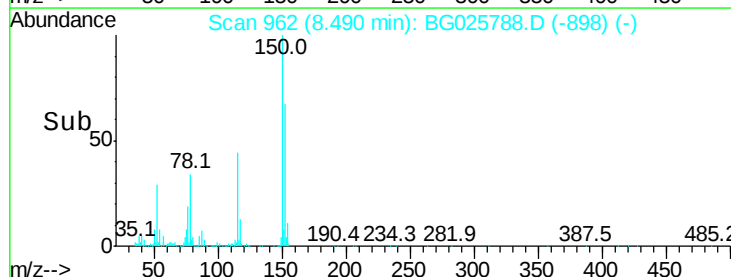
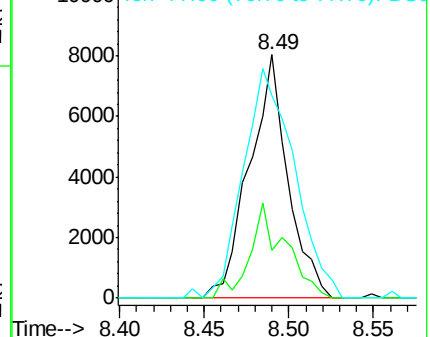
79 100

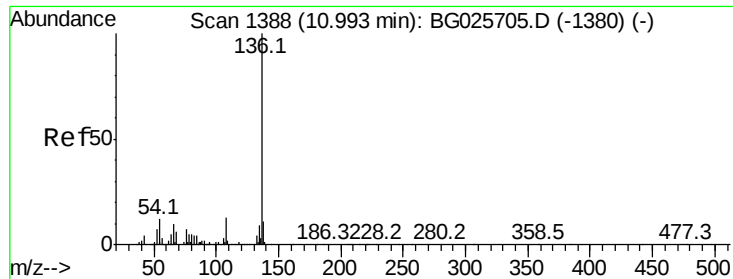
108 19.7 45.5 68.3#

77 83.3 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

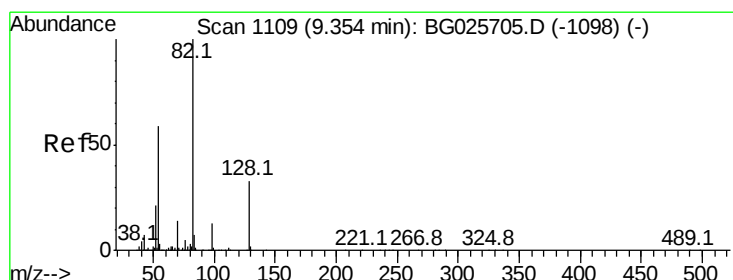
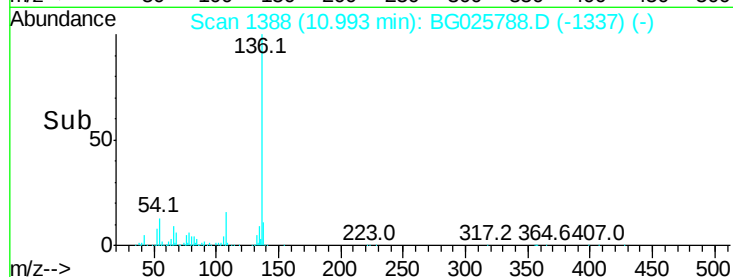
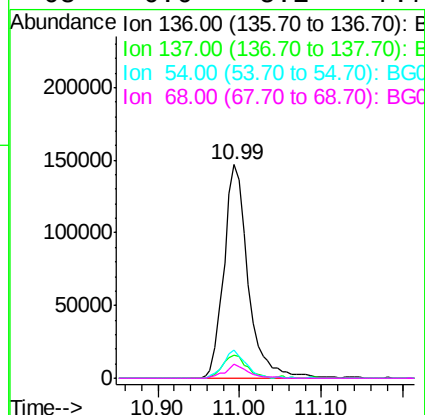
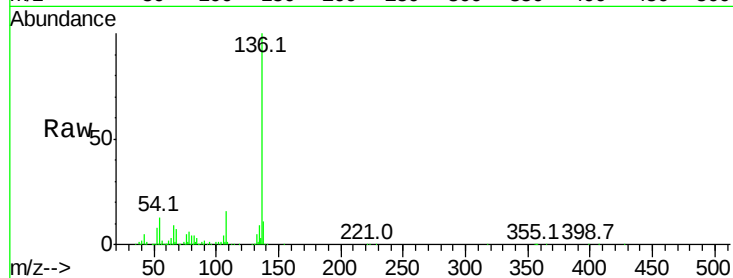




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BG025788.D
Acq: 3 Feb 2017 10:39

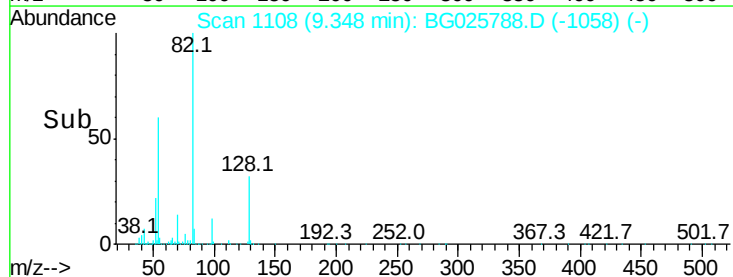
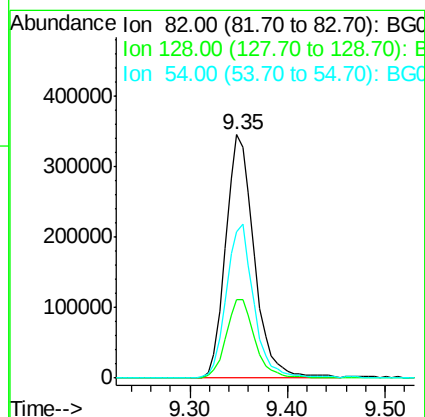
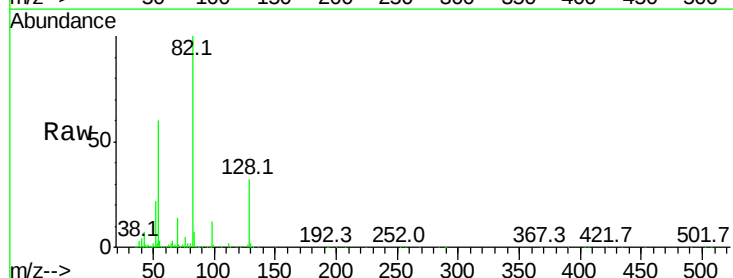
Instrument :
BNA_G
ClientSampleId :

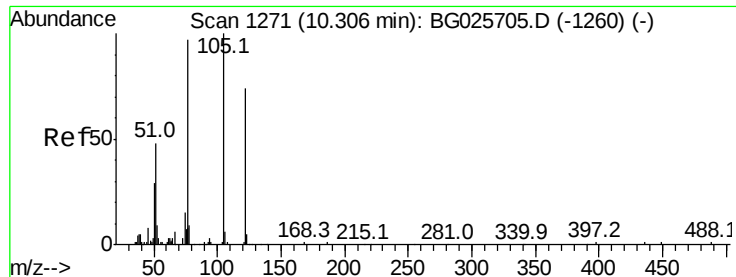
Tot Ion:	136	Resp:	303009
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	13.4	9.3	13.9
68	6.6	5.1	7.7



#23
Nitrobenzene-d5
Concen: 97.26 ng
RT: 9.35 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BG025788.D
Acq: 3 Feb 2017 10:39

Tgt Ion:	82	Resp:	697496
Ion	Ratio	Lower	Upper
82	100		
128	32.3	26.4	39.6
54	60.2	49.4	74.2

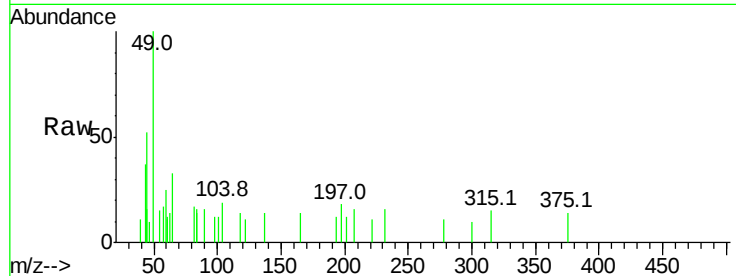




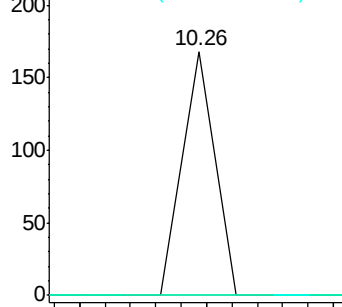
#32
Benzoic acid
Concen: 7.91 ng
RT: 10.26 min Scan# 1263
Delta R.T. -0.05 min
Lab File: BG025788.D
Acq: 3 Feb 2017 10:39

Instrument :
BNA_G
ClientSampleId :

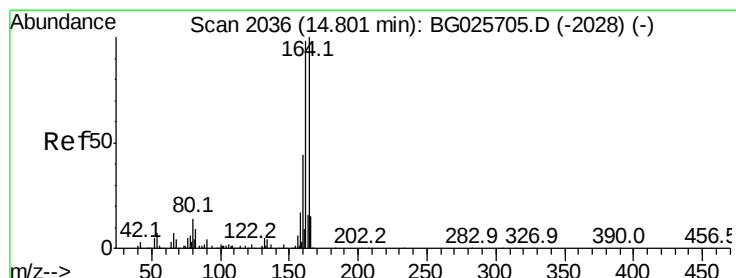
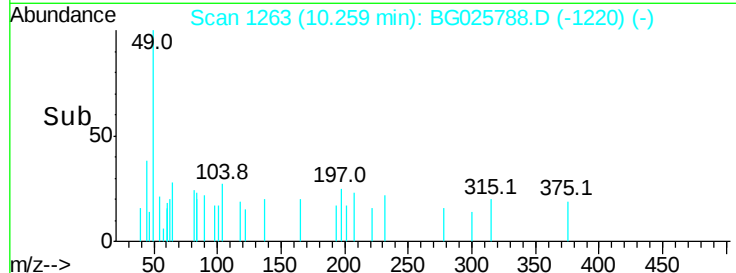
Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	120.1	160.1#
77	0.0	104.6	144.6#



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

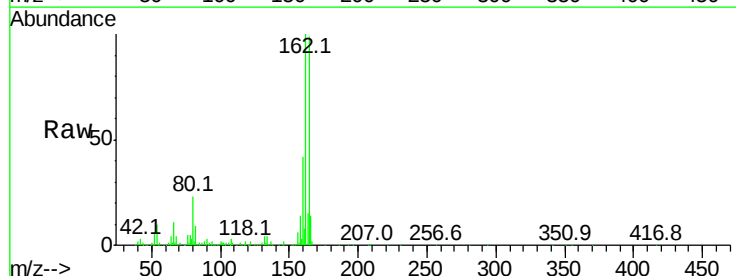


Time-->

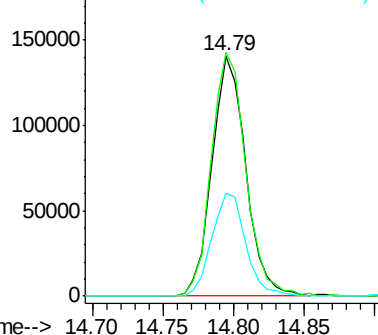


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.79 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG025788.D
Acq: 3 Feb 2017 10:39

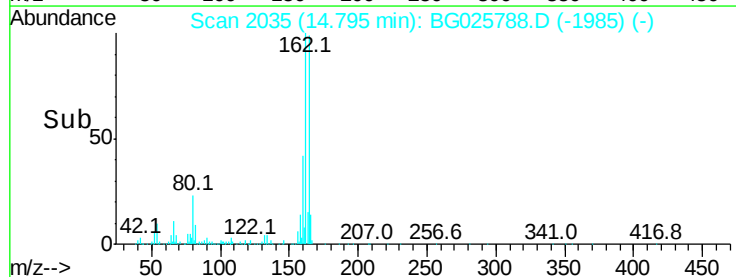
Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	85.1	127.7
160	42.8	34.7	52.1

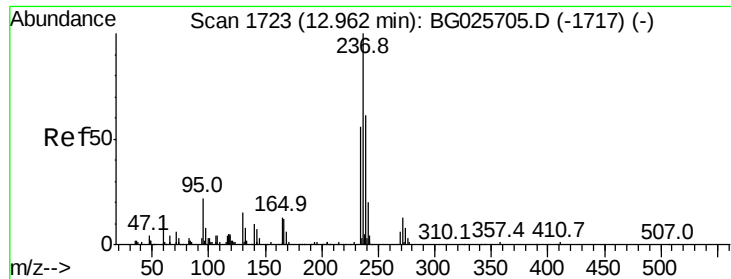


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



Time-->

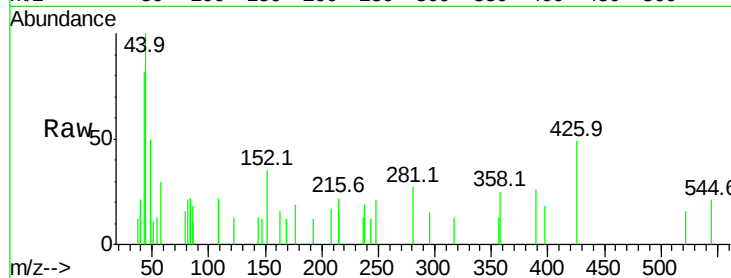




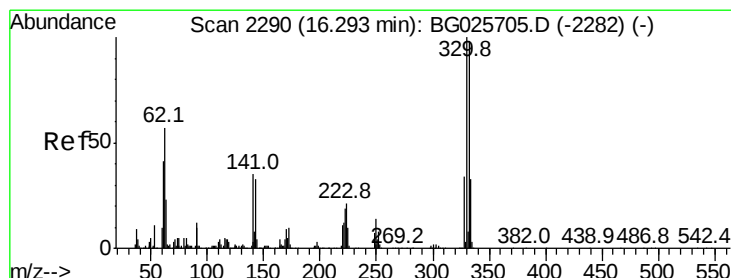
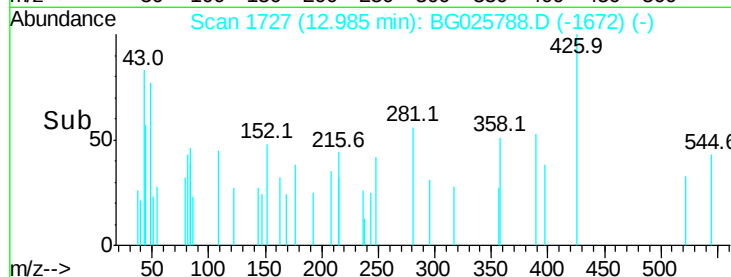
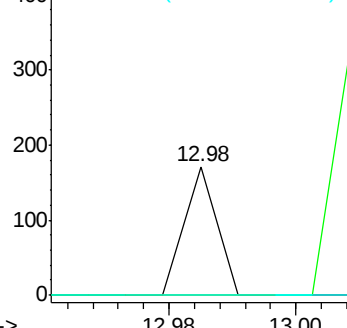
#40
Hexachlorocyclopentadiene
Concen: 10.70 ng
RT: 12.98 min Scan# 1727
Delta R.T. 0.02 min
Lab File: BG025788.D
Acq: 3 Feb 2017 10:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 60
Ion Ratio Lower Upper
237 100
235 0.0 39.4 79.4#
272 0.0 0.0 32.0

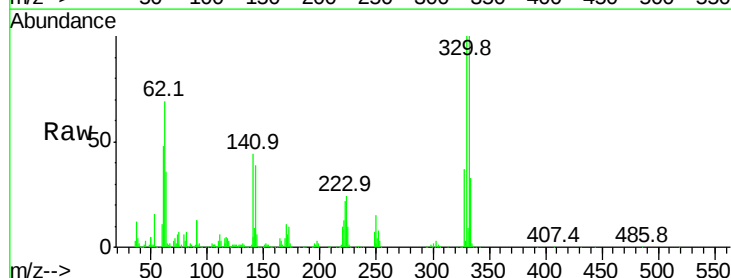


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

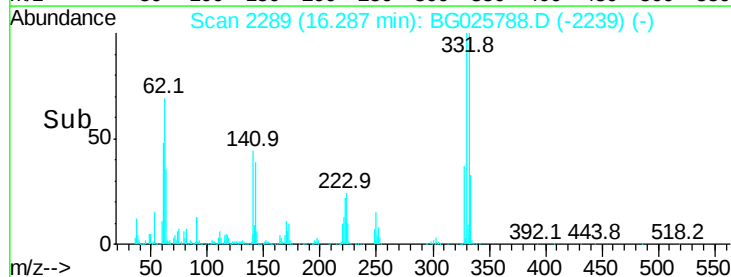
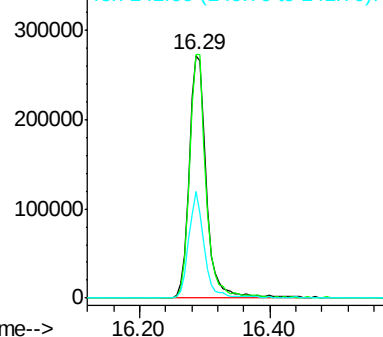


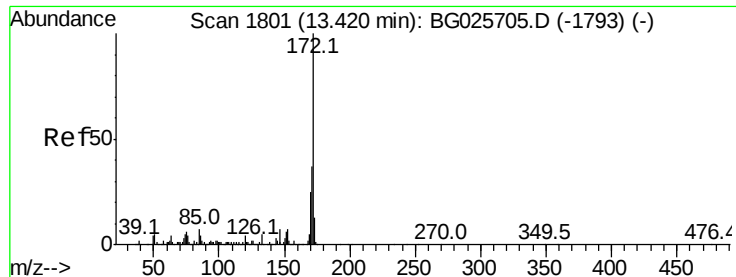
#41
2,4,6-Tribromophenol
Concen: 147.83 ng
RT: 16.29 min Scan# 2289
Delta R.T. -0.01 min
Lab File: BG025788.D
Acq: 3 Feb 2017 10:39

Tgt Ion:330 Resp: 497171
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 39.7 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: 101.12 ng

RT: 13.41 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BG025788.D

Acq: 3 Feb 2017 10:39

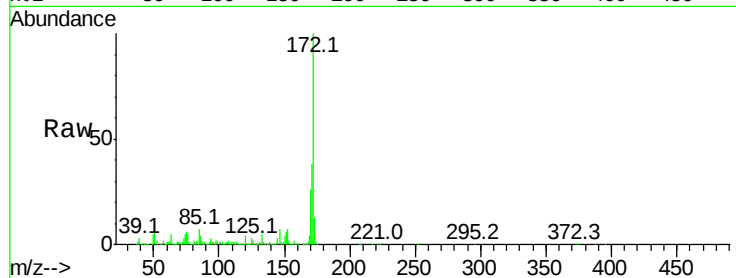
Instrument :

BNA_G

ClientSampleId :

Tot Ion:172 Resp: 1468298

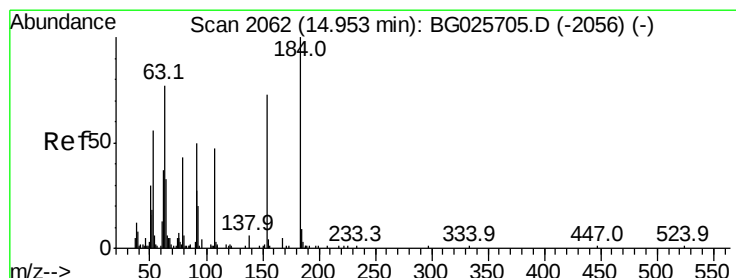
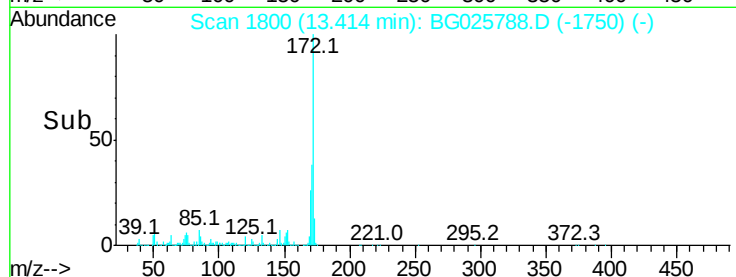
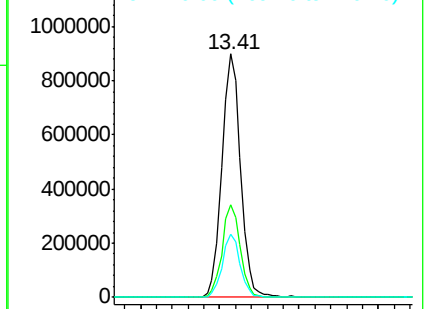
Ion	Ratio	Lower	Upper
172	100		
171	37.9	32.2	48.2
170	25.7	21.8	32.6



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#53

2,4-Dinitrophenol

Concen: 9.47 ng

RT: 14.99 min Scan# 2068

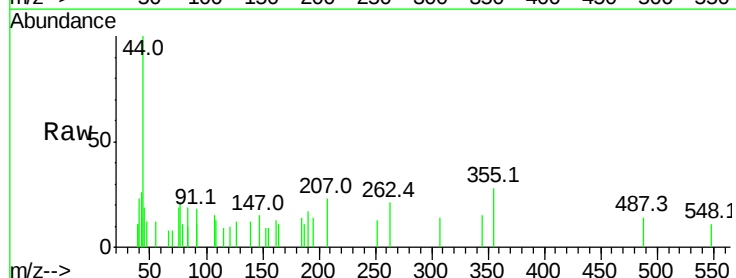
Delta R.T. 0.04 min

Lab File: BG025788.D

Acq: 3 Feb 2017 10:39

Tgt Ion:184 Resp: 91

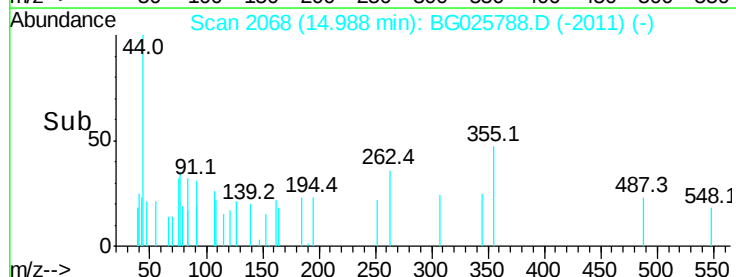
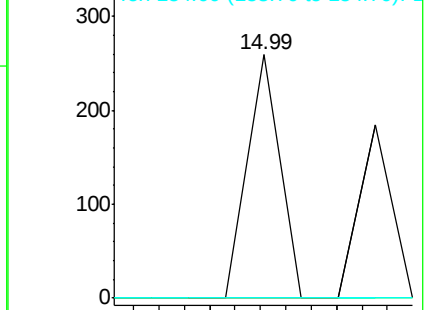
Ion	Ratio	Lower	Upper
184	100		
63	0.0	52.7	79.1#
154	65.3	57.3	85.9

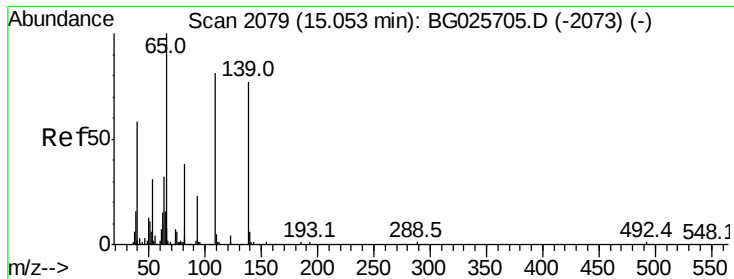


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E

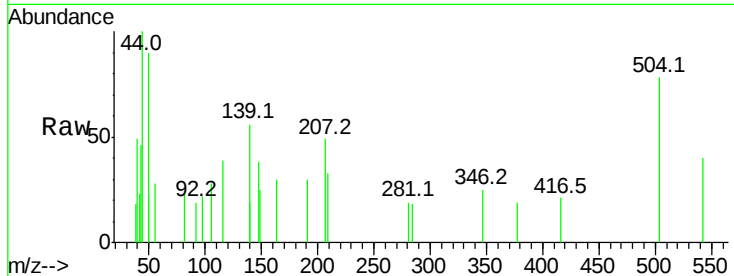




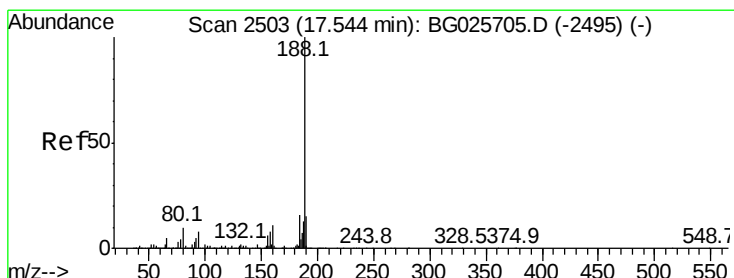
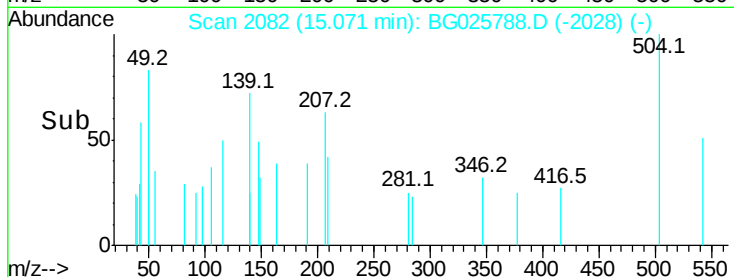
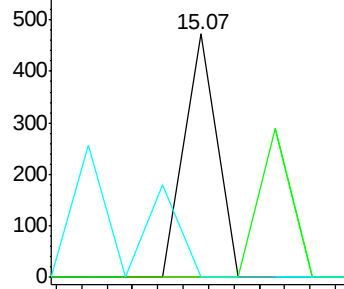
#55
4-Nitrophenol
Concen: 5.64 ng
RT: 15.07 min Scan# 2082
Delta R.T. 0.02 min
Lab File: BG025788.D
Acq: 3 Feb 2017 10:39

Instrument :
BNA_G
ClientSampled :

Tot Ion:139 Resp: 167
Ion Ratio Lower Upper
139 100
109 0.0 101.2 141.2#
65 0.0 135.3 175.3#

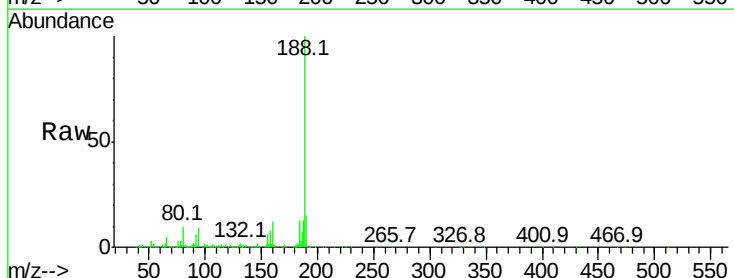


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

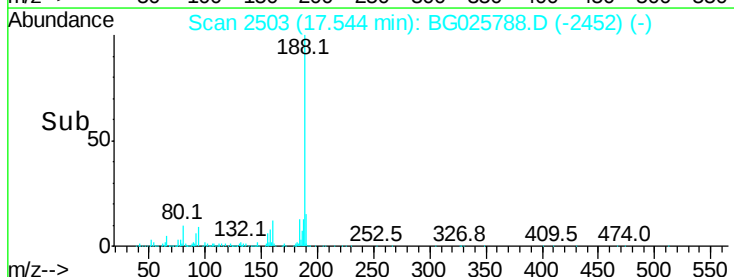
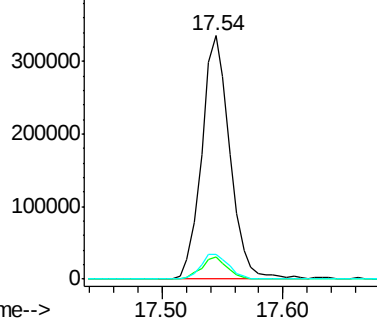


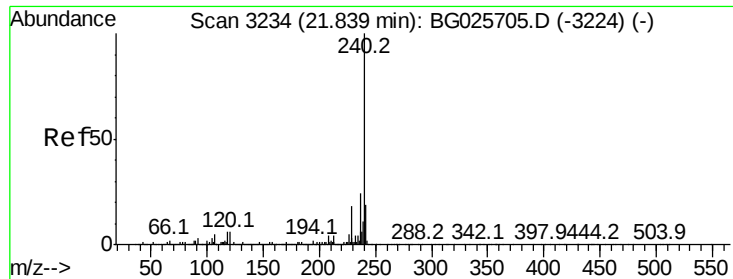
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.54 min Scan# 2503
Delta R.T. -0.00 min
Lab File: BG025788.D
Acq: 3 Feb 2017 10:39

Tgt Ion:188 Resp: 545252
Ion Ratio Lower Upper
188 100
94 9.3 5.8 8.8#
80 10.4 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: BG025788.D

Acq: 3 Feb 2017 10:39

Instrument :

BNA_G

ClientSampled :

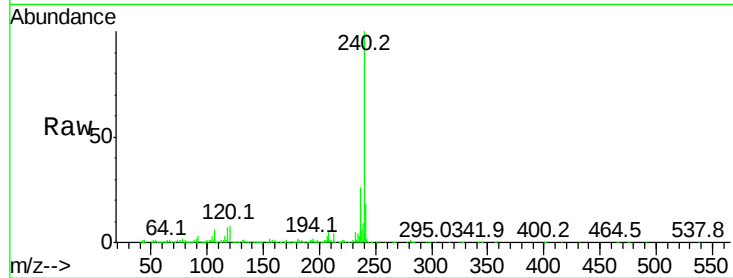
Tot Ion:240 Resp: 692588

Ion Ratio Lower Upper

240 100

120 8.2 5.7 8.5

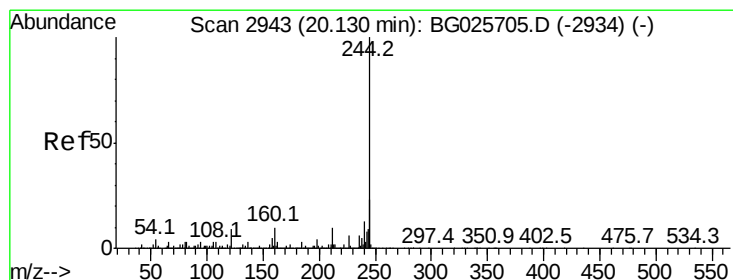
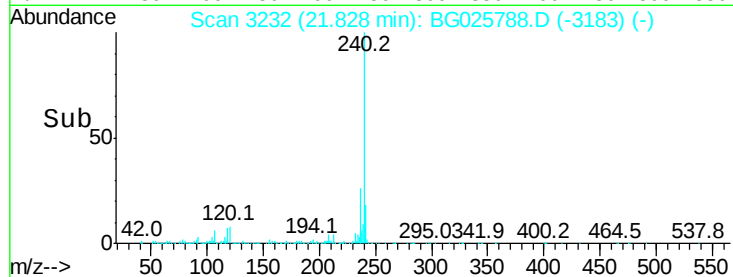
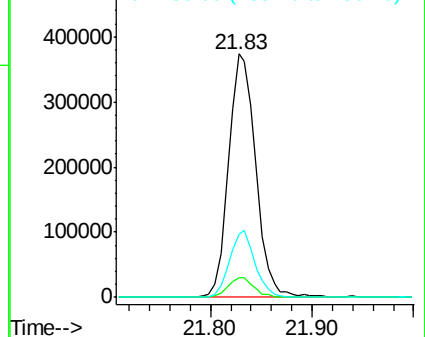
236 26.2 22.2 33.4



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: 89.53 ng

RT: 20.12 min Scan# 2942

Delta R.T. -0.01 min

Lab File: BG025788.D

Acq: 3 Feb 2017 10:39

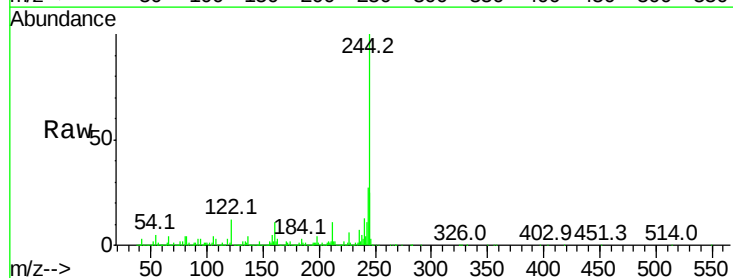
Tgt Ion:244 Resp: 2568996

Ion Ratio Lower Upper

244 100

212 11.4 10.0 15.0

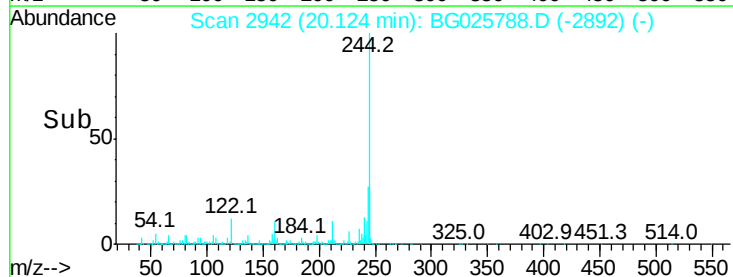
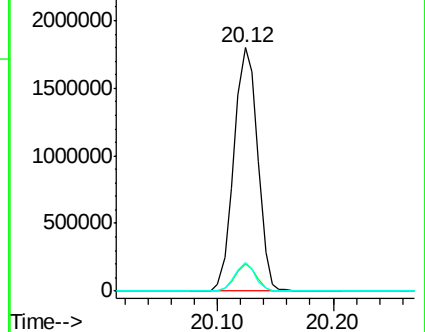
122 11.6 8.6 12.8

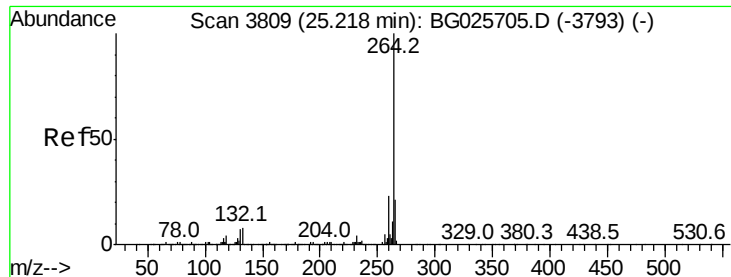


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

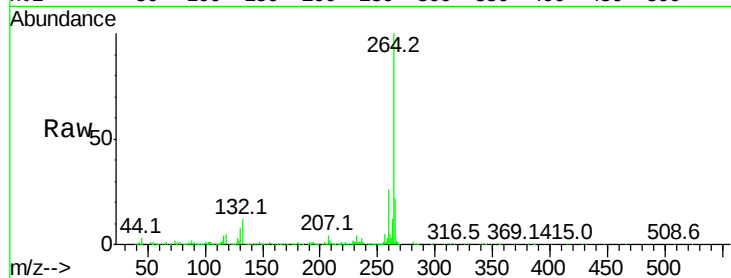




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3807
Delta R.T. -0.01 min
Lab File: BG025788.D
Acq: 3 Feb 2017 10:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.9	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

