

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011217\
 Data File : BG025504.D
 Acq On : 13 Jan 2017 5:36
 Operator : UM/SJ
 Sample : I1135-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-10

Quant Time: Jan 13 06:23:27 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 11:26:22 2017
 Response via : Initial Calibration

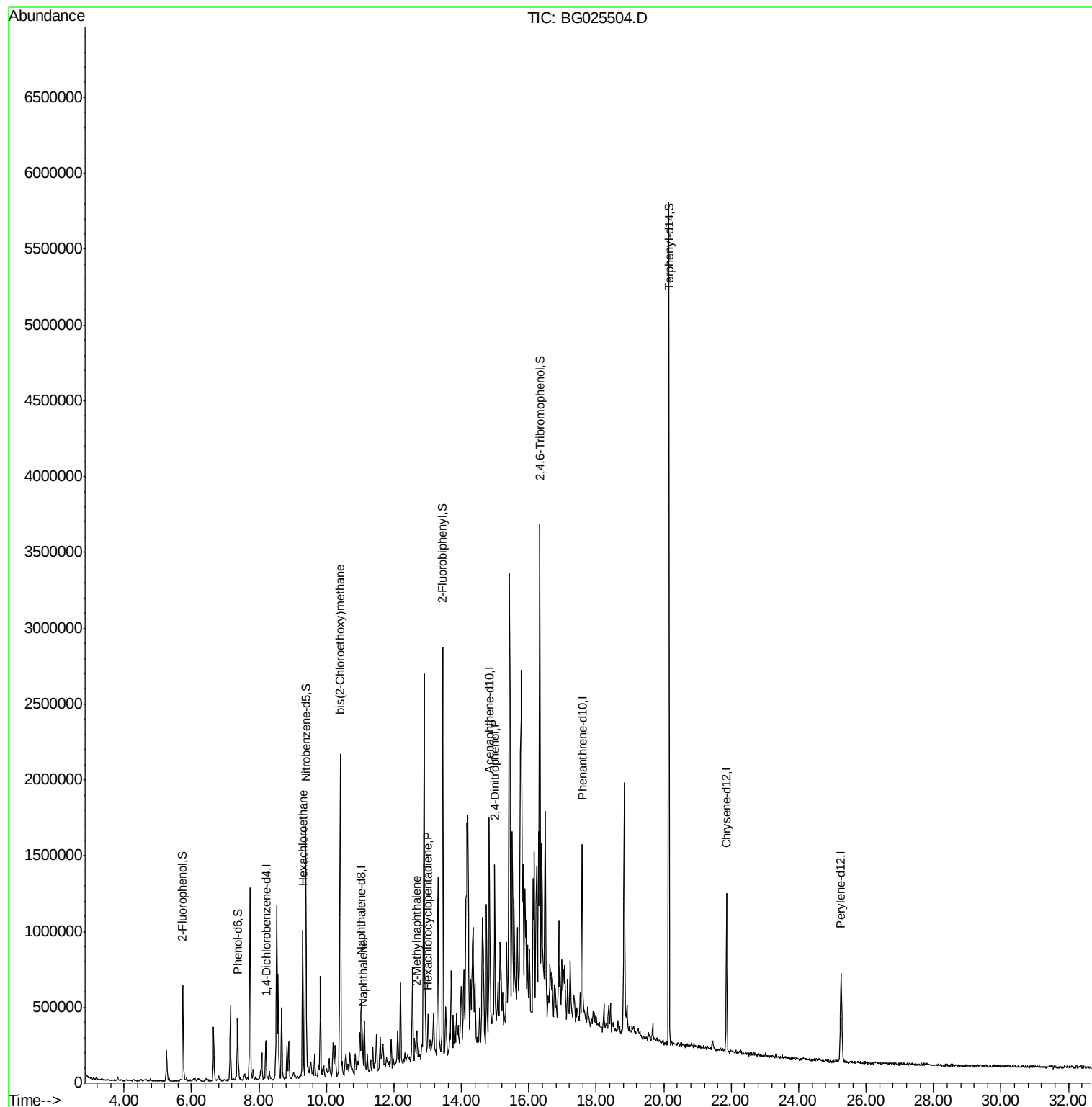
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	64382	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	273023	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	306106	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	491453	20.00	ng	0.00
75) Chrysene-d12	21.86	240	685726	20.00	ng	0.00
86) Perylene-d12	25.26	264	730847	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	254834	71.95	ng	0.00
7) Phenol-d6	7.36	99	235657	47.24	ng	0.00
23) Nitrobenzene-d5	9.39	82	628274	101.66	ng	0.00
41) 2,4,6-Tribromophenol	16.32	330	536428	108.85	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	1325353	70.10	ng	0.00
78) Terphenyl-d14	20.15	244	2175633	84.12	ng	0.00
Target Compounds						
18) Hexachloroethane	9.30	117	141331	73.44	ng	# 1
28) bis(2-Chloroethoxy)methane	10.42	93	17790	3.06	ng	# 1
31) Naphthalene	11.08	128	33904	2.49	ng	# 80
37) 2-Methylnaphthalene	12.67	142	83576	8.27	ng	96
40) Hexachlorocyclopentadiene	12.99	237	104	8.54	ng	# 29
53) 2,4-Dinitrophenol	14.98	184	3288	6.04	ng	# 1

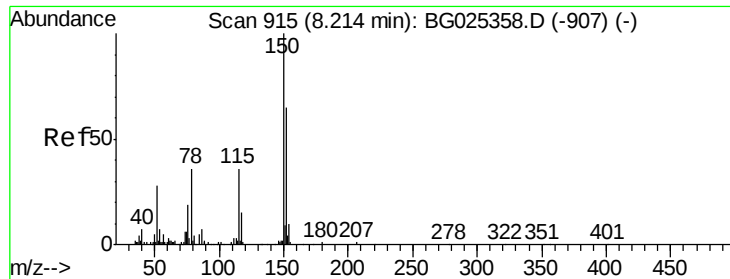
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011217\
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 10 11:26:22 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.20 min Scan# 913

Delta R.T. 0.00 min

Lab File: BG025504.D

Acq: 13 Jan 2017 5:36

Instrument :

BNA_G

ClientSampleId :

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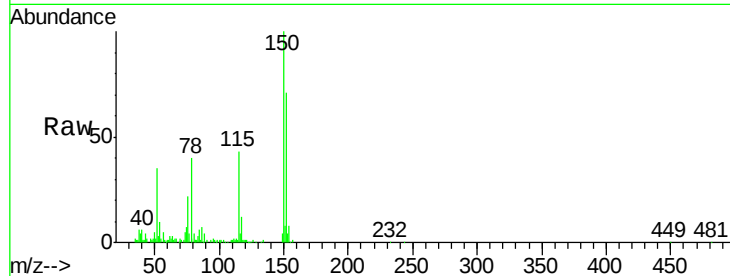
Tgt Ion:152 Resp: 64382

Ion Ratio Lower Upper

152 100

150 140.4 114.0 171.0

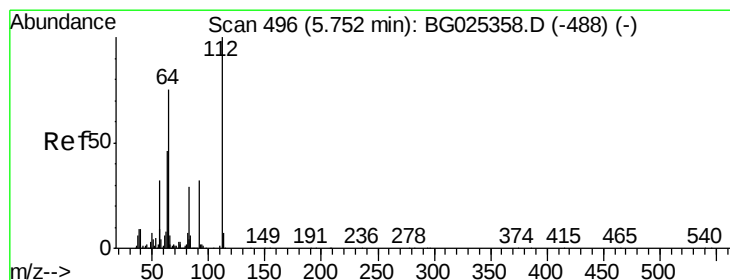
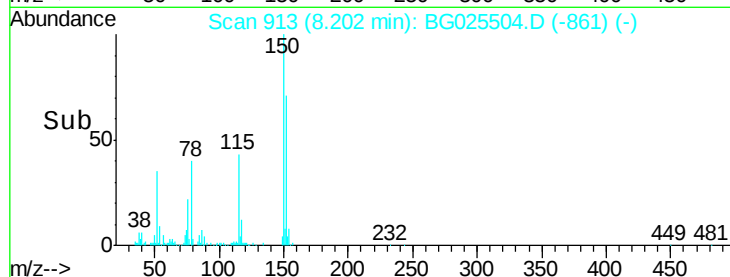
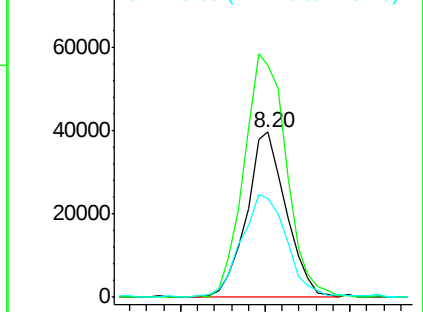
115 59.7 48.1 72.1



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: 71.95 ng

RT: 5.74 min Scan# 494

Delta R.T. 0.00 min

Lab File: BG025504.D

Acq: 13 Jan 2017 5:36

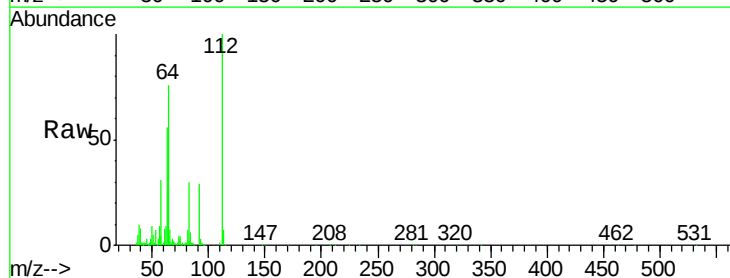
Tgt Ion:112 Resp: 254834

Ion Ratio Lower Upper

112 100

64 75.8 61.8 92.6

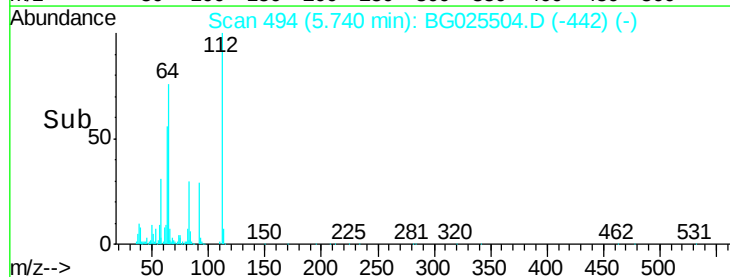
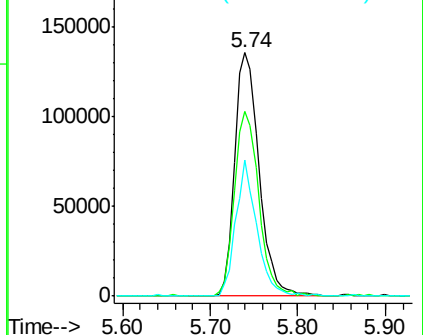
63 56.1 37.2 55.8#

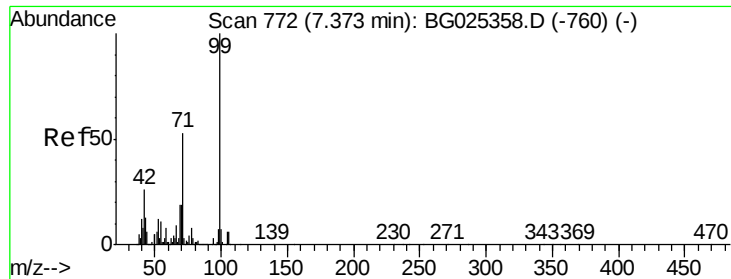


Abundance Ion 112.00 (111.70 to 112.70): E

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: 7.36 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG025504.D

Acq: 13 Jan 2017 5:36

Instrument :

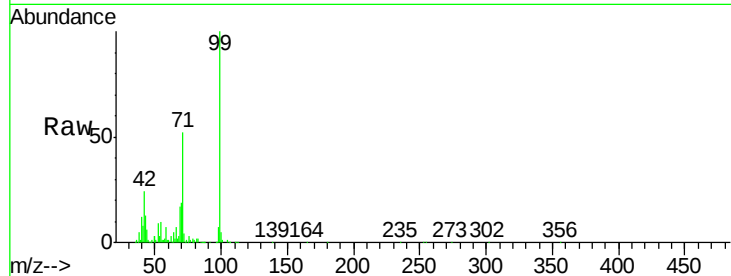
BNA_G

ClientSampleId :

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Tgt Ion: 99 Resp: 235657

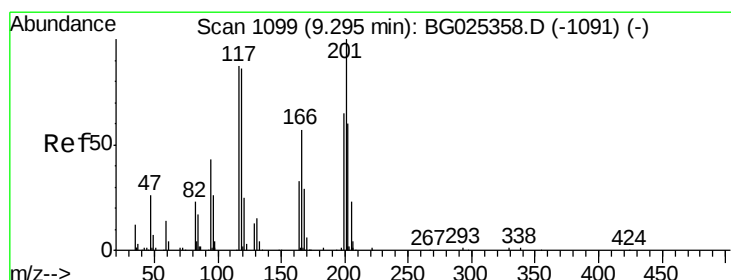
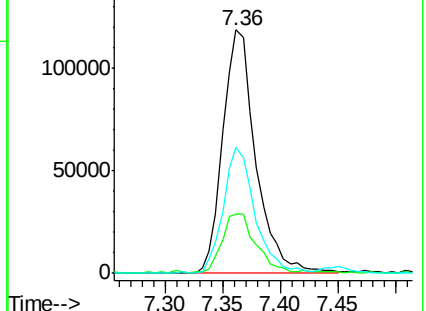
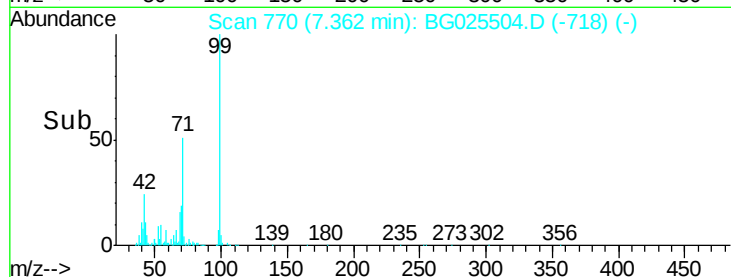
Ion	Ratio	Lower	Upper
99	100		
42	24.4	20.5	30.7
71	51.6	37.6	56.4



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



#18

Hexachloroethane

Concen: 73.44 ng

RT: 9.30 min Scan# 1100

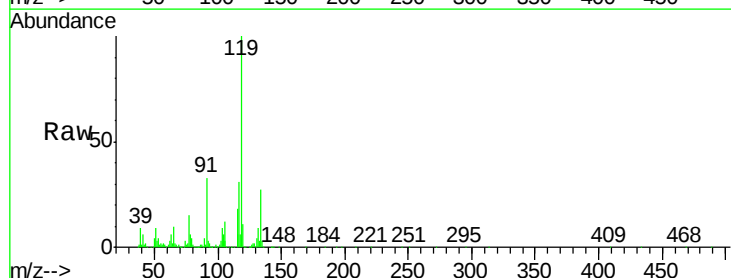
Delta R.T. 0.02 min

Lab File: BG025504.D

Acq: 13 Jan 2017 5:36

Tgt Ion: 117 Resp: 141331

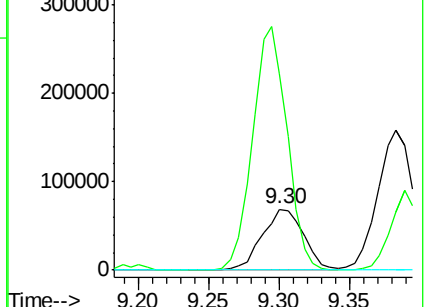
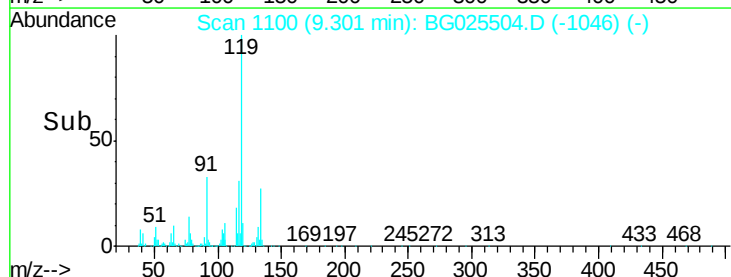
Ion	Ratio	Lower	Upper
117	100		
119	323.2	69.8	104.6#
201	0.0	95.4	143.0#

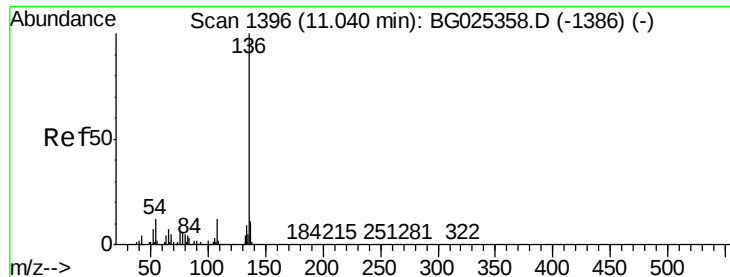


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

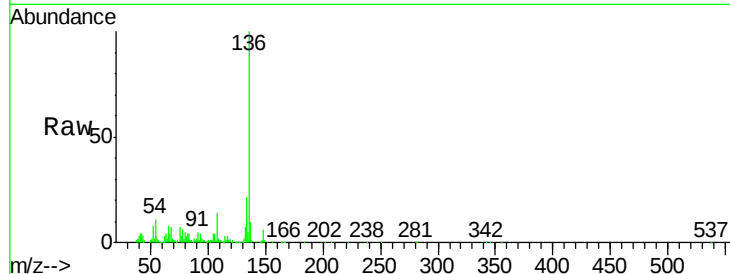




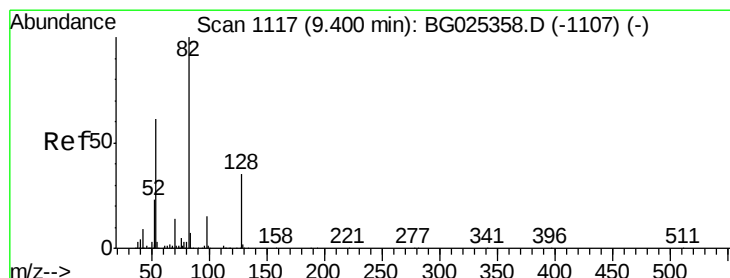
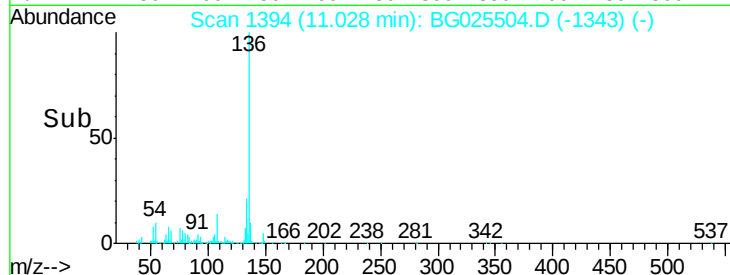
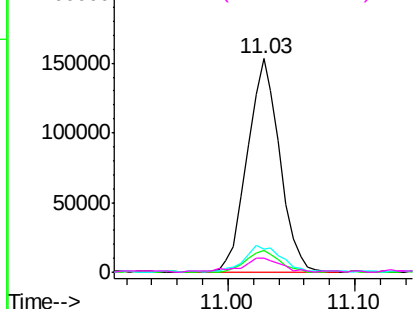
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BG025504.D
Acq: 13 Jan 2017 5:36

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:	136	Resp:	273023
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.9	13.3
54	11.0	9.3	13.9
68	6.7	5.1	7.7

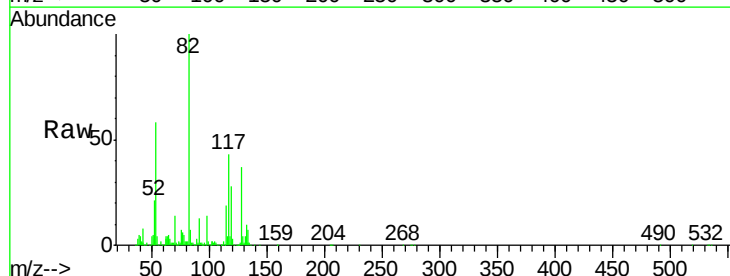


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

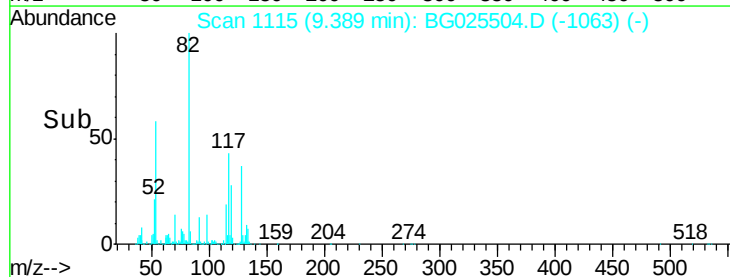
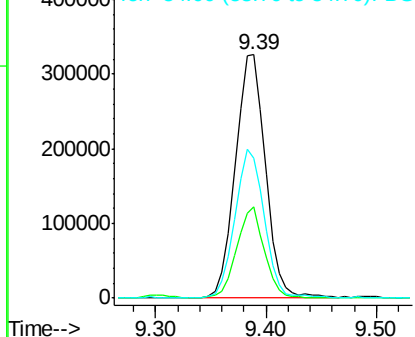


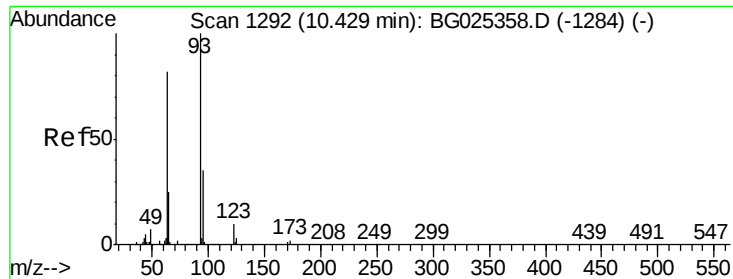
#23
Nitrobenzene-d5
Concen: 101.66 ng
RT: 9.39 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BG025504.D
Acq: 13 Jan 2017 5:36

Tgt Ion:	82	Resp:	628274
Ion	Ratio	Lower	Upper
82	100		
128	37.3	26.4	39.6
54	57.7	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

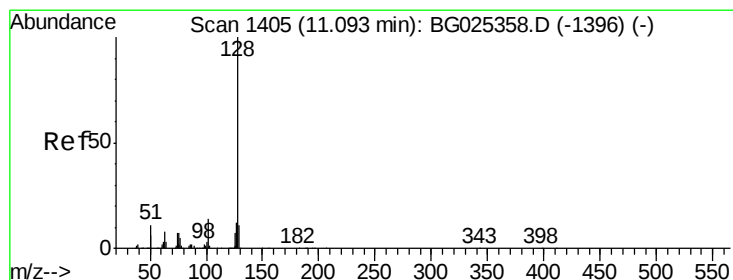
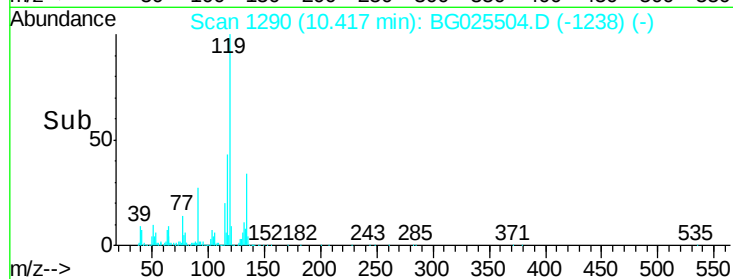
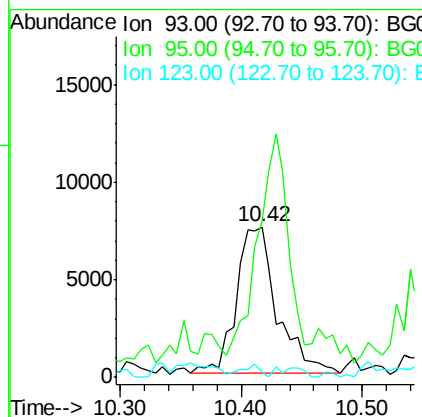
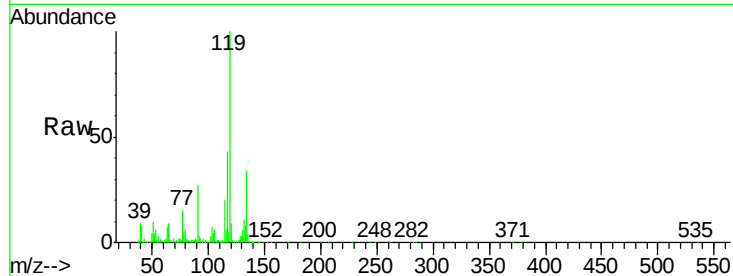




#28
bis(2-Chloroethoxy)methane
Concen: 3.06 ng
RT: 10.42 min Scan# 1290
Delta R.T. 0.00 min
Lab File: BG025504.D
Acq: 13 Jan 2017 5:36

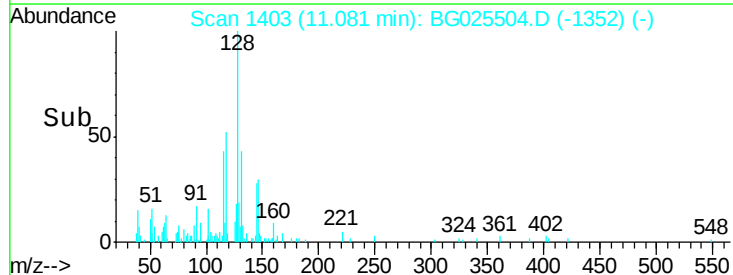
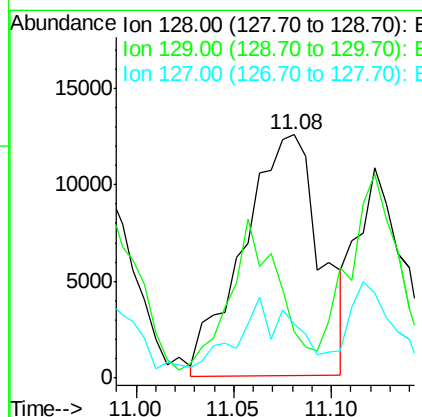
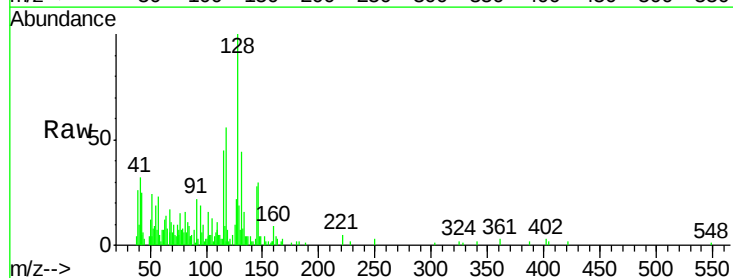
Instrument :
BNA_G
ClientSampleId :
W-10

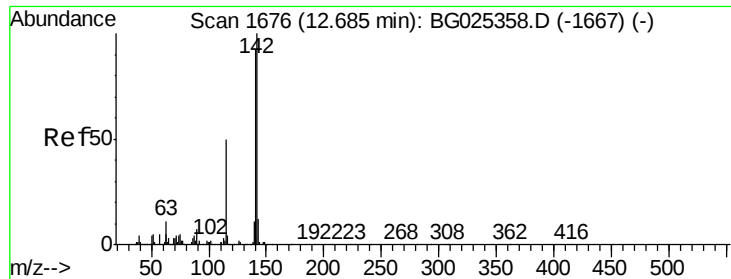
Tgt Ion: 93 Resp: 17790
Ion Ratio Lower Upper
93 100
95 104.4 25.7 38.5#
123 4.0 8.3 12.5#



#31
Naphthalene
Concen: 2.49 ng
RT: 11.08 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BG025504.D
Acq: 13 Jan 2017 5:36

Tgt Ion: 128 Resp: 33904
Ion Ratio Lower Upper
128 100
129 18.9 9.3 13.9#
127 22.4 11.4 17.0#

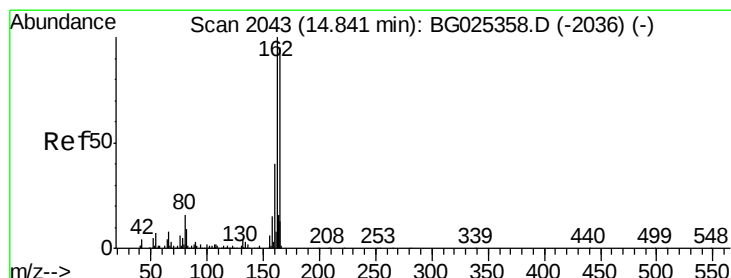
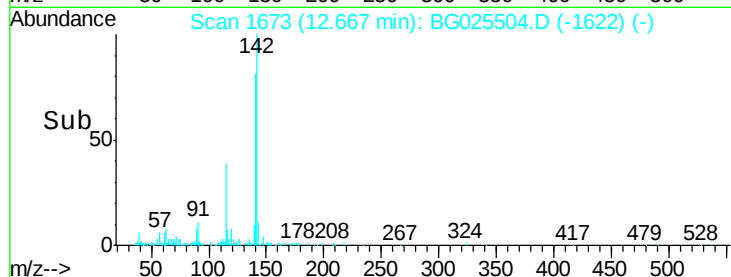
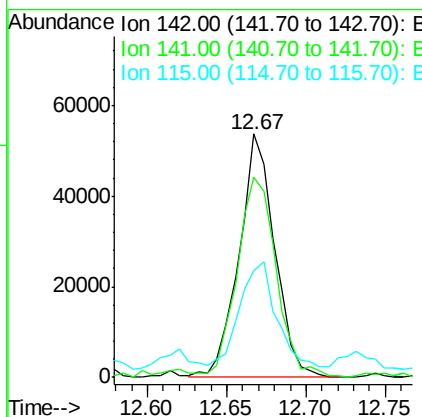
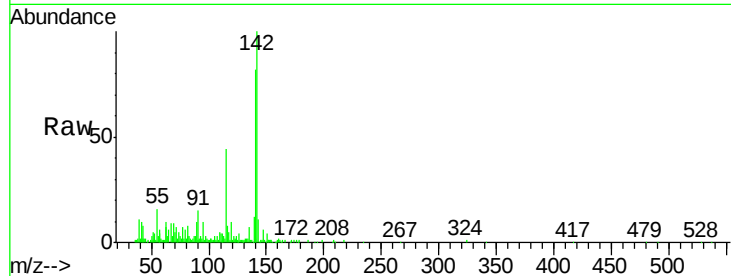




#37
 2-Methylnaphthalene
 Concen: 8.27 ng
 RT: 12.67 min Scan# 1673
 Delta R.T. -0.00 min
 Lab File: BG025504.D
 Acq: 13 Jan 2017 5:36

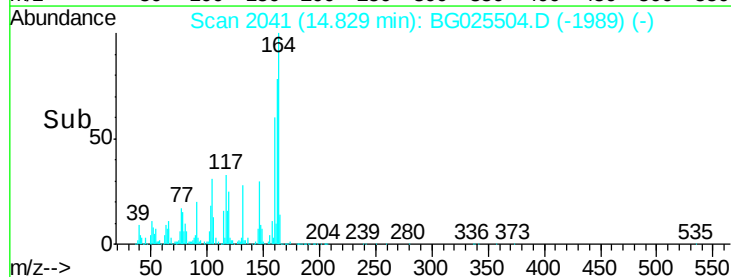
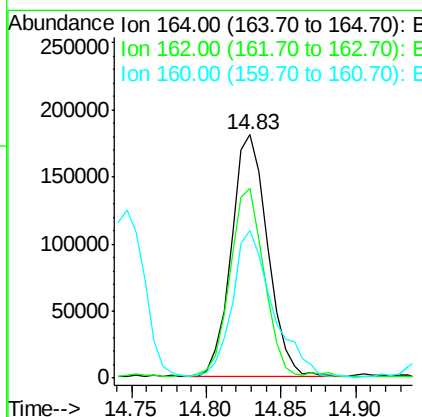
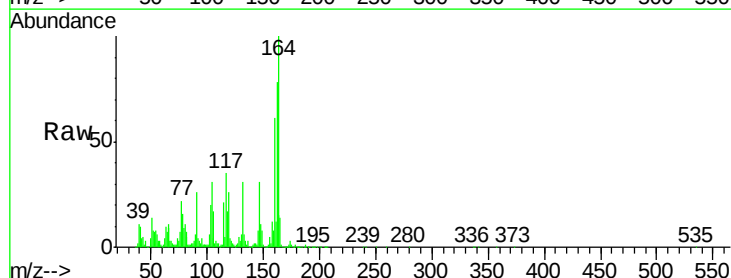
Instrument :
 BNA_G
 ClientSampleId :
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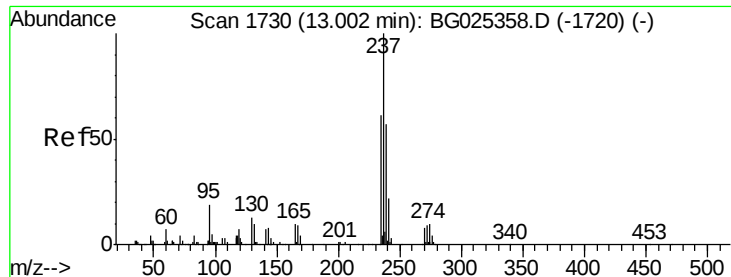
Tgt Ion:142 Resp: 83576
 Ion Ratio Lower Upper
 142 100
 141 82.4 70.4 105.6
 115 43.6 35.5 53.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.83 min Scan# 2041
 Delta R.T. 0.00 min
 Lab File: BG025504.D
 Acq: 13 Jan 2017 5:36

Tgt Ion:164 Resp: 306106
 Ion Ratio Lower Upper
 164 100
 162 78.1 85.1 127.7#
 160 60.6 34.7 52.1#





#40

Hexachlorocyclopentadiene

Concen: 8.54 ng

RT: 12.99 min Scan# 1728

Delta R.T. -0.00 min

Lab File: BG025504.D

Acq: 13 Jan 2017 5:36

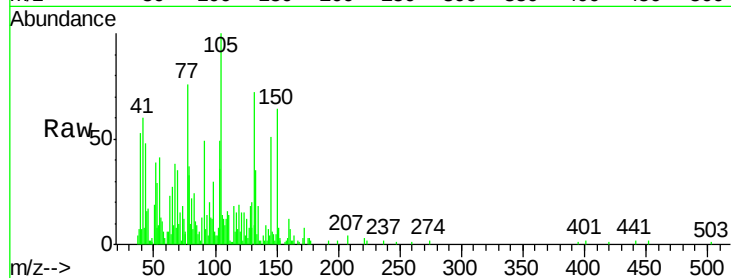
Instrument :

BNA_G

ClientSampleId :

W-10

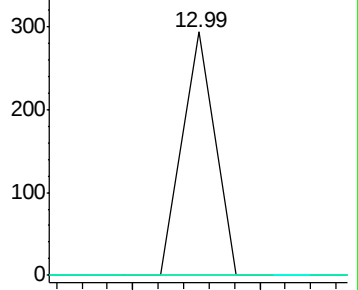
Tgt Ion:	237	Resp:	104
Ion	Ratio	Lower	Upper
237	100		
235	0.0	39.4	79.4#
272	0.0	0.0	32.0



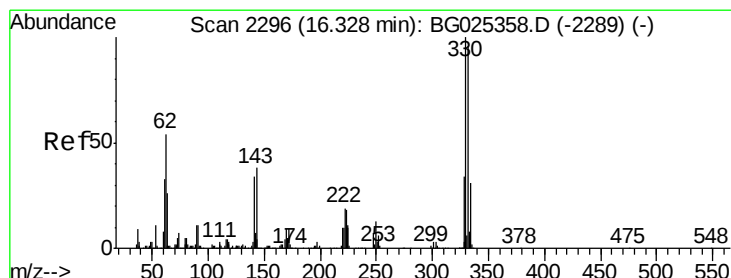
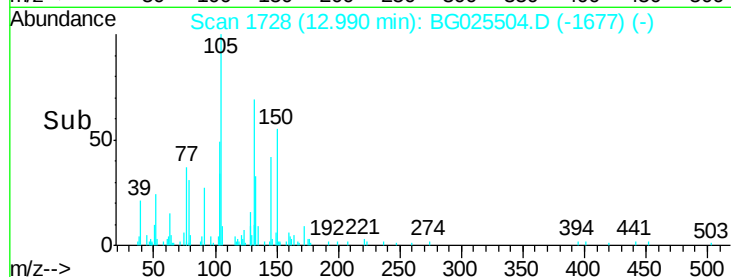
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->



#41

2,4,6-Tribromophenol

Concen: 108.85 ng

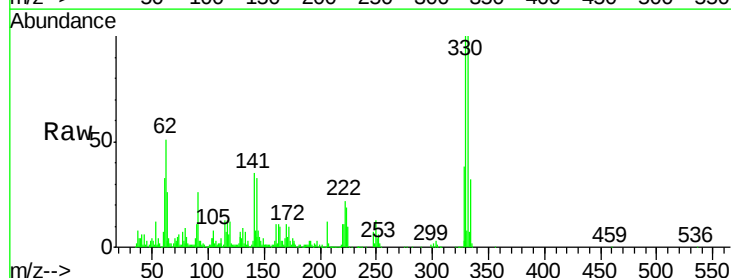
RT: 16.32 min Scan# 2295

Delta R.T. 0.00 min

Lab File: BG025504.D

Acq: 13 Jan 2017 5:36

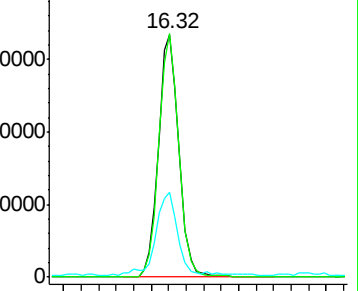
Tgt Ion:	330	Resp:	536428
Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.3	115.9
141	35.5	32.1	48.1



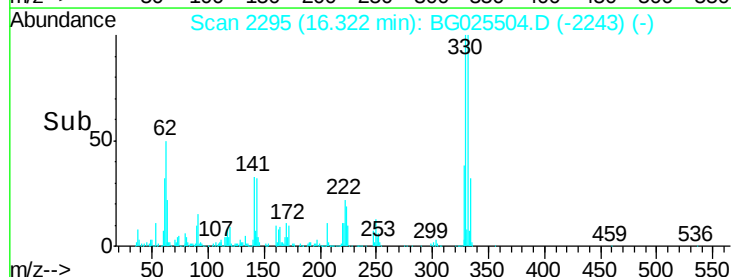
Abundance Ion 329.80 (329.50 to 330.50): E

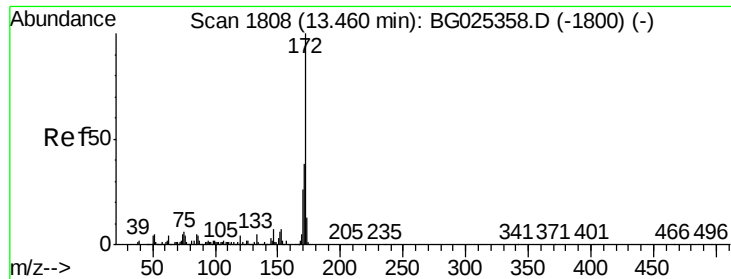
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->

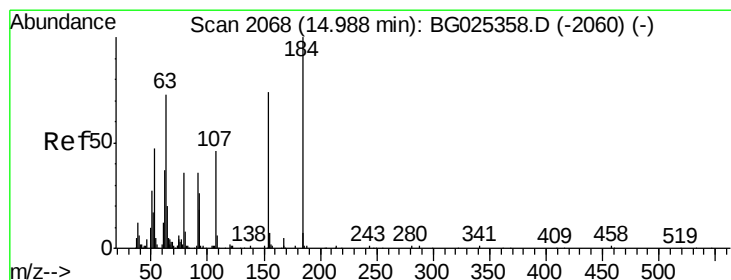
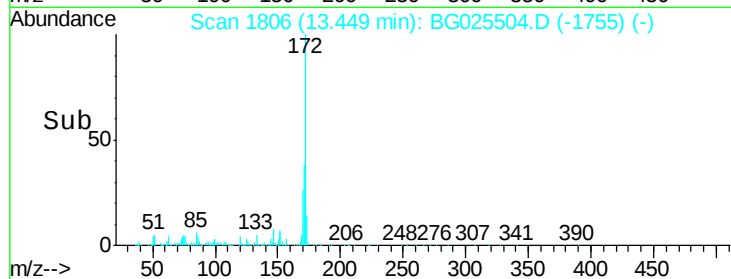
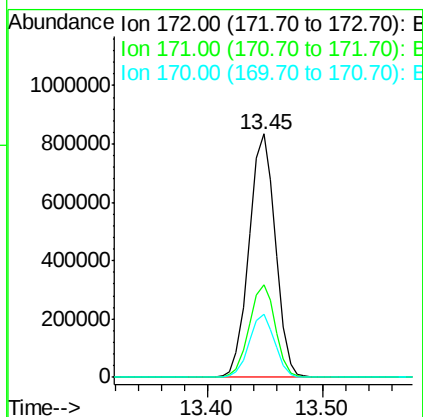
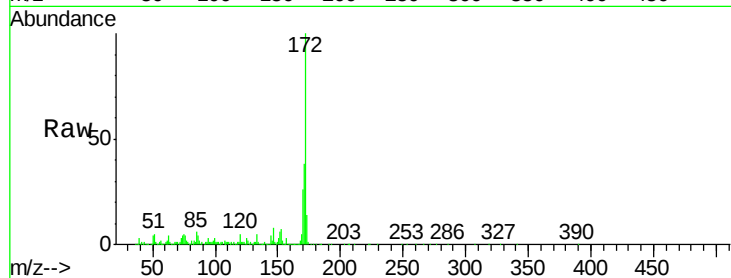




#44
2-Fluorobiphenyl
Concen: 70.10 ng
RT: 13.45 min Scan# 1806
Delta R.T. -0.00 min
Lab File: BG025504.D
Acq: 13 Jan 2017 5:36

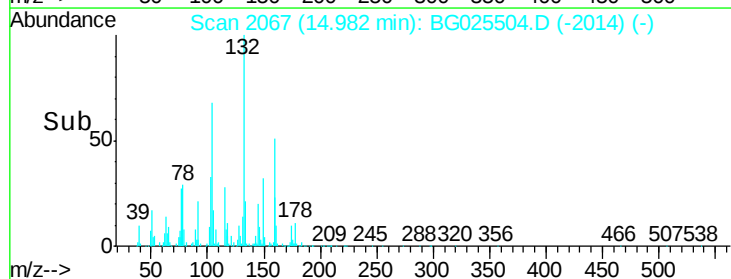
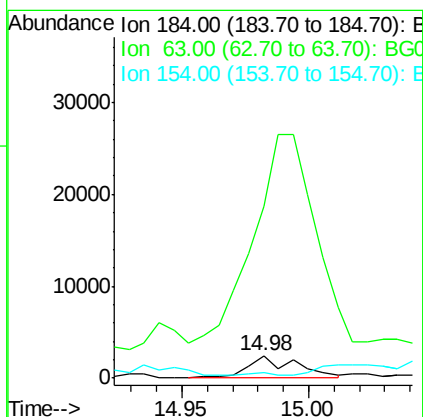
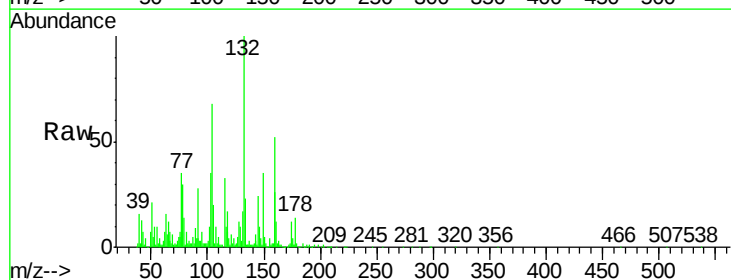
Instrument :
BNA_G
ClientSampled :
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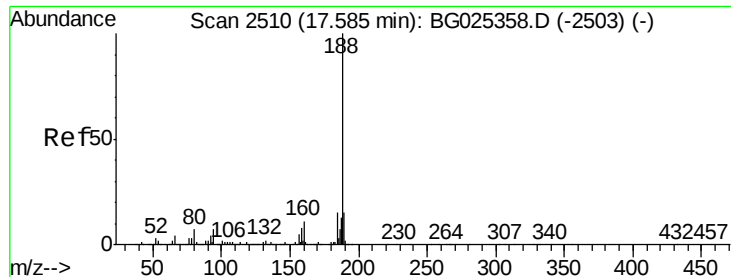
Tgt Ion:172 Resp: 1325353
Ion Ratio Lower Upper
172 100
171 38.3 32.2 48.2
170 25.9 21.8 32.6



#53
2,4-Dinitrophenol
Concen: 6.04 ng
RT: 14.98 min Scan# 2067
Delta R.T. 0.01 min
Lab File: BG025504.D
Acq: 13 Jan 2017 5:36

Tgt Ion:184 Resp: 3288
Ion Ratio Lower Upper
184 100
63 761.4 52.7 79.1#
154 23.4 57.3 85.9#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.57 min Scan# 2508

Delta R.T. -0.00 min

Lab File: BG025504.D

Acq: 13 Jan 2017 5:36

Instrument :

BNA_G

ClientSampleId :

W-10

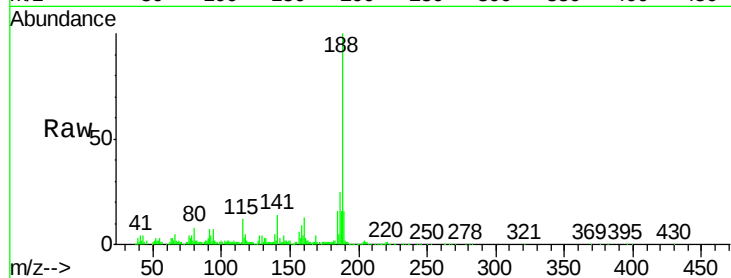
Tgt Ion:188 Resp: 491453

Ion Ratio Lower Upper

188 100

94 7.4 5.8 8.8

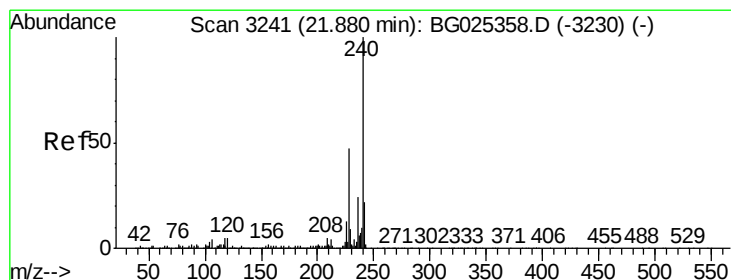
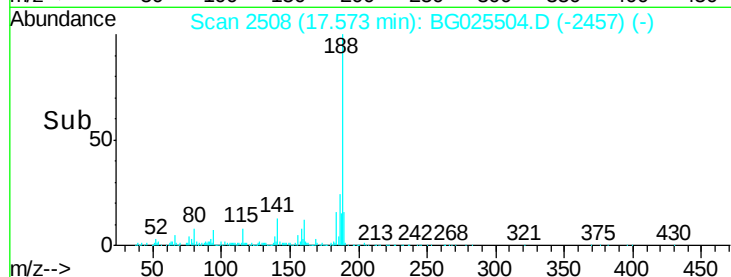
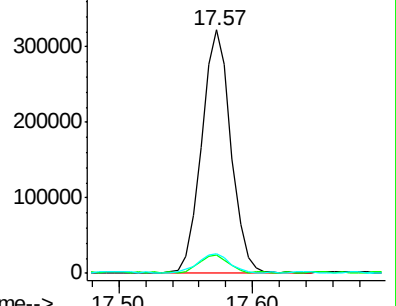
80 7.9 7.5 11.3



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: 21.86 min Scan# 3238

Delta R.T. -0.00 min

Lab File: BG025504.D

Acq: 13 Jan 2017 5:36

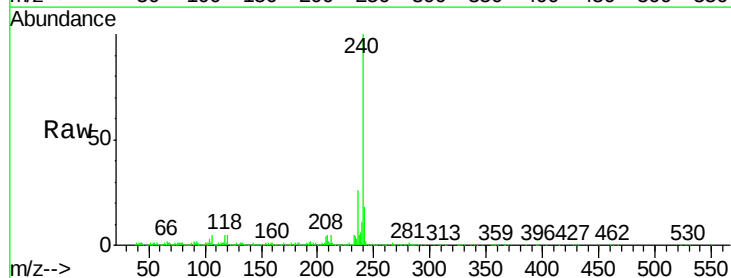
Tgt Ion:240 Resp: 685726

Ion Ratio Lower Upper

240 100

120 5.2 5.7 8.5#

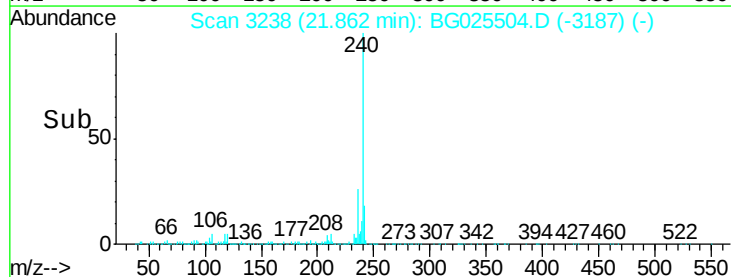
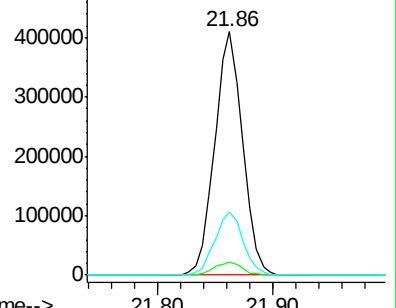
236 25.8 22.2 33.4

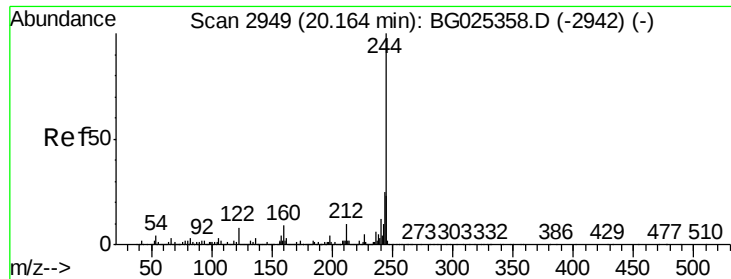


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 84.12 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG025504.D

Acq: 13 Jan 2017 5:36

Instrument :

BNA_G

ClientSampleId :

W-10

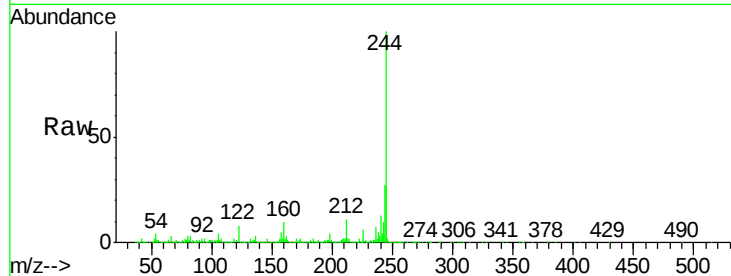
Tgt Ion:244 Resp: 2175633

Ion Ratio Lower Upper

244 100

212 10.6 10.0 15.0

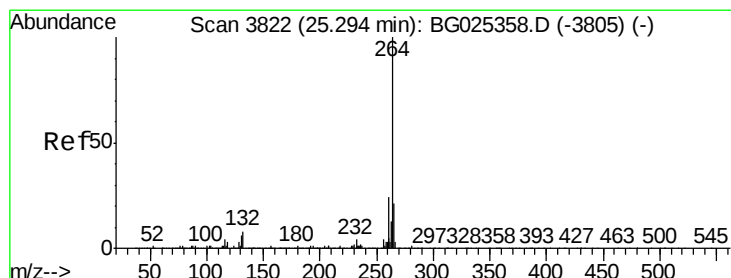
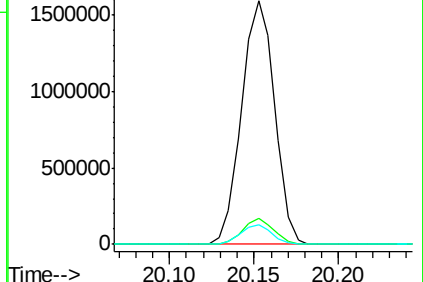
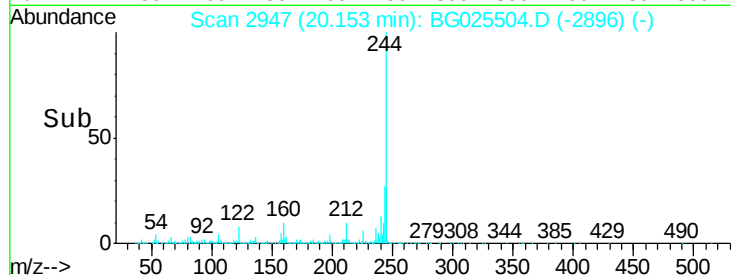
122 8.0 8.6 12.8#



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: 25.26 min Scan# 3816

Delta R.T. -0.01 min

Lab File: BG025504.D

Acq: 13 Jan 2017 5:36

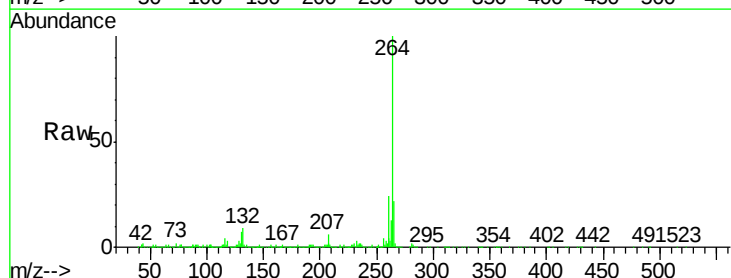
Tgt Ion:264 Resp: 730847

Ion Ratio Lower Upper

264 100

260 24.4 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

