

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011217\
 Data File : BG025494.D
 Acq On : 12 Jan 2017 22:54
 Operator : UM/SJ
 Sample : I1125-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-21

Quant Time: Jan 13 00:49:13 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

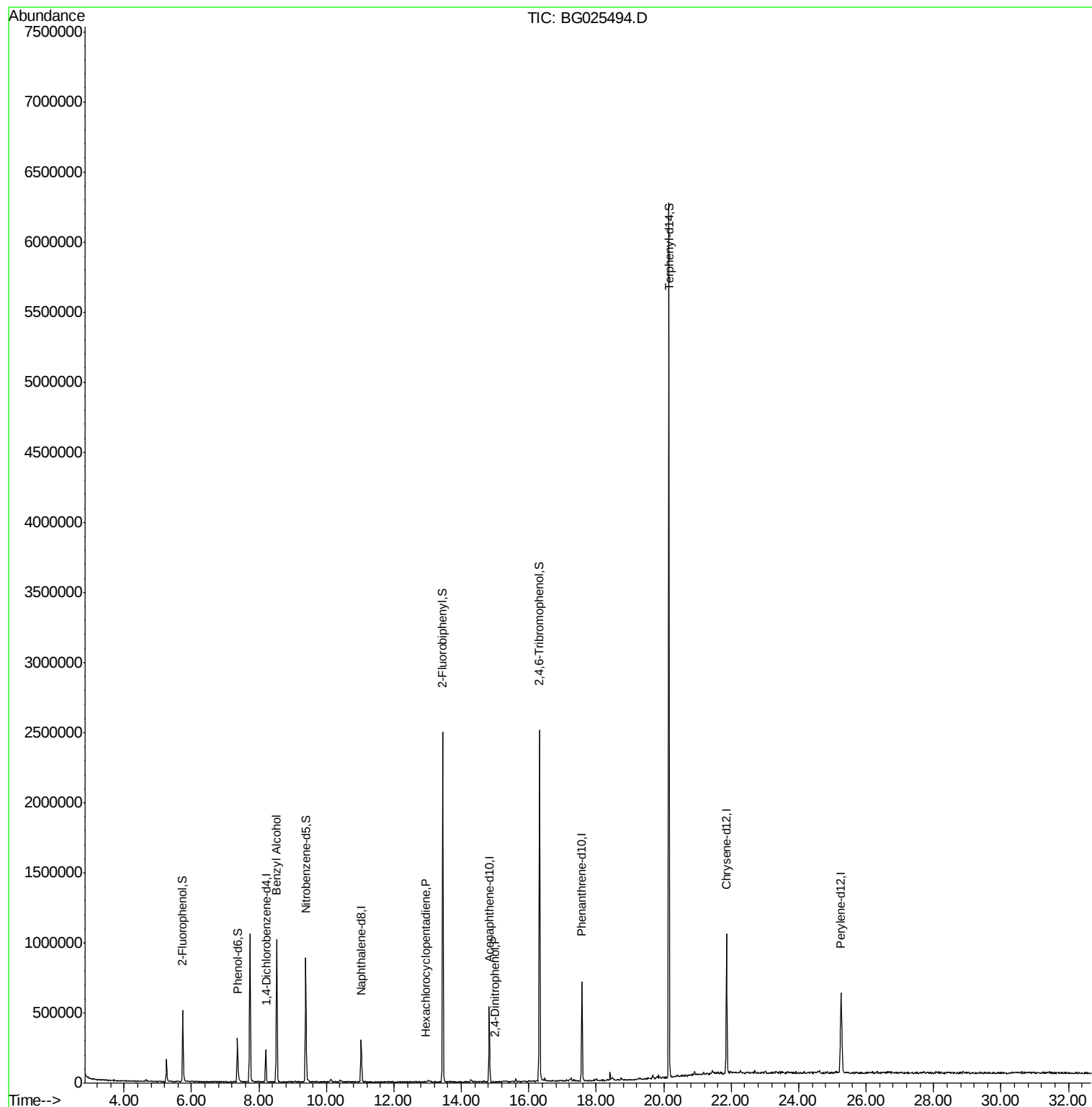
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	62295	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	242012	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	209170	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	468227	20.00	ng	0.00
75) Chrysene-d12	21.86	240	669272	20.00	ng	0.00
86) Perylene-d12	25.26	264	705985	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	203890	59.49	ng	0.00
7) Phenol-d6	7.36	99	175039	36.26	ng	0.00
23) Nitrobenzene-d5	9.39	82	583180	106.45	ng	0.00
41) 2,4,6-Tribromophenol	16.32	330	488727	145.13	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	1268165	98.16	ng	0.00
78) Terphenyl-d14	20.15	244	2491743	98.71	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.52	79	9943	2.16	ng	# 56
40) Hexachlorocyclopentadiene	12.94	237	76	8.54	ng	# 29
53) 2,4-Dinitrophenol	14.98	184	126	5.13	ng	# 15

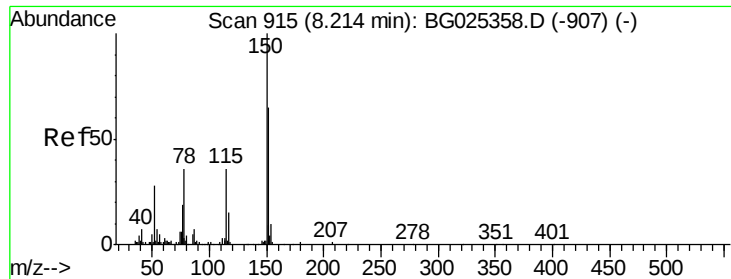
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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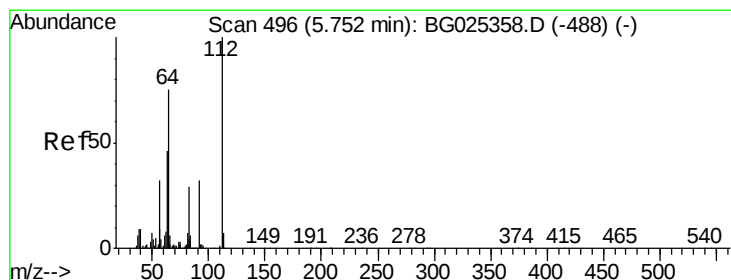
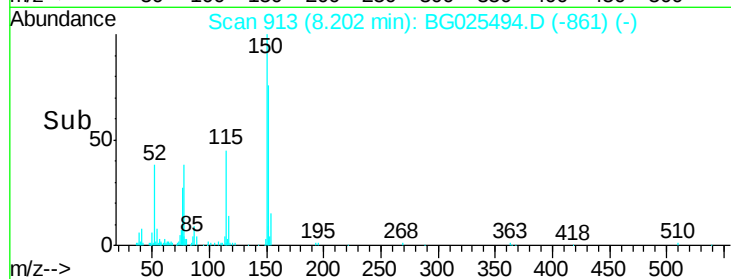
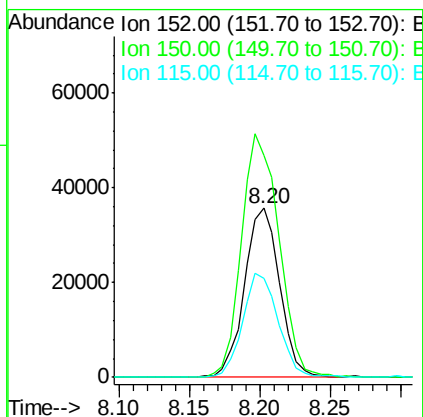
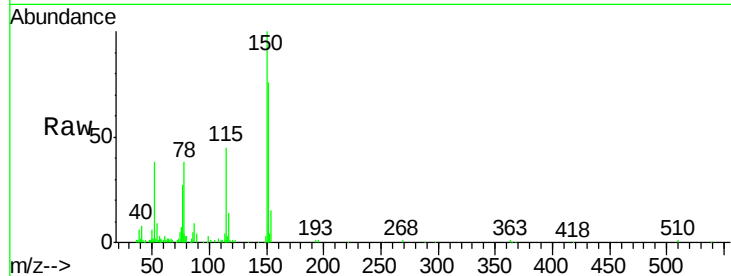


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.20 min Scan# 913
Delta R.T. 0.01 min
Lab File: BG025494.D
Acq: 12 Jan 2017 22:54

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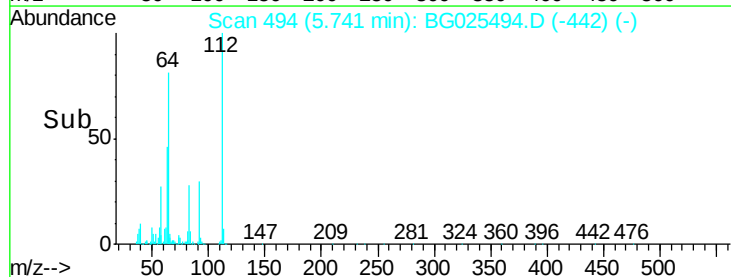
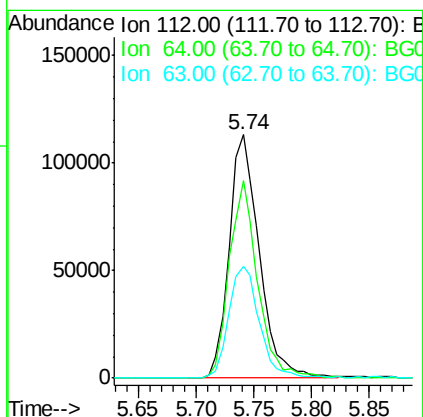
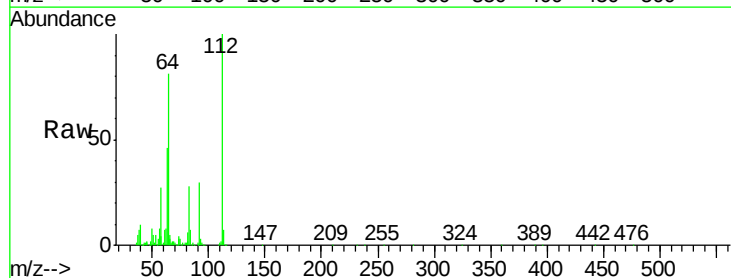
Tgt Ion:152 Resp: 62295
Ion Ratio Lower Upper
152 100
150 130.9 114.0 171.0
115 58.9 48.1 72.1

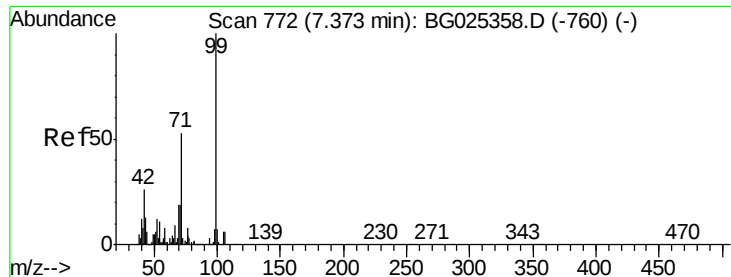


#5

2-Fluorophenol
Concen: 59.49 ng
RT: 5.74 min Scan# 494
Delta R.T. 0.01 min
Lab File: BG025494.D
Acq: 12 Jan 2017 22:54

Tgt Ion:112 Resp: 203890
Ion Ratio Lower Upper
112 100
64 81.1 61.8 92.6
63 46.1 37.2 55.8





#7

Phenol-d6

Concen: 36.26 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.01 min

Lab File: BG025494.D

Acq: 12 Jan 2017 22:54

Instrument :

BNA_G

ClientSampleId :

W-21

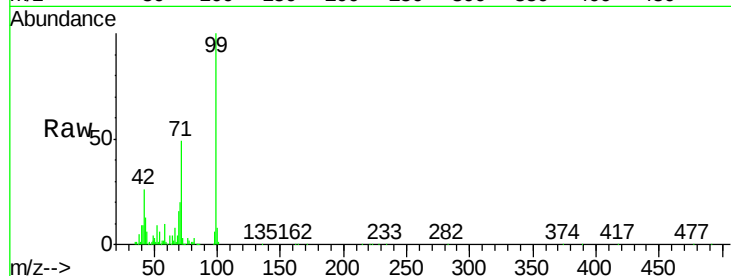
Tgt Ion: 99 Resp: 175039

Ion Ratio Lower Upper

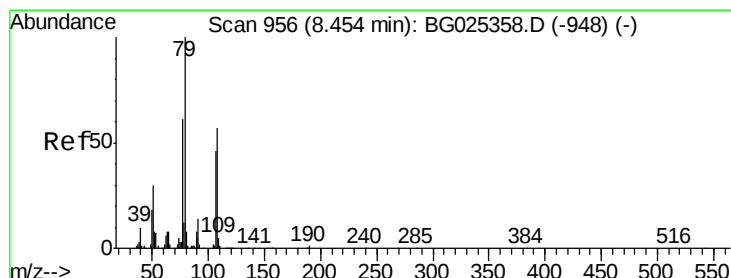
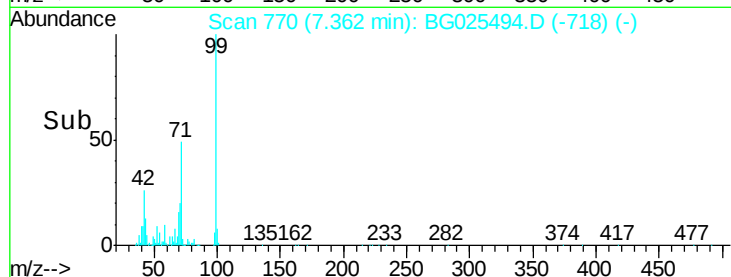
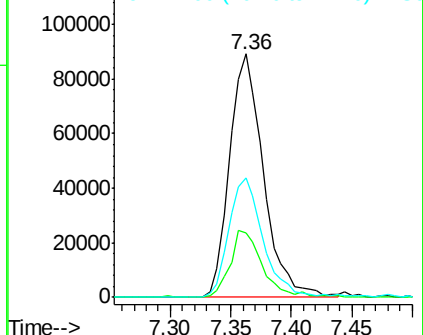
99 100

42 26.4 20.5 30.7

71 49.3 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: 2.16 ng

RT: 8.52 min Scan# 967

Delta R.T. 0.08 min

Lab File: BG025494.D

Acq: 12 Jan 2017 22:54

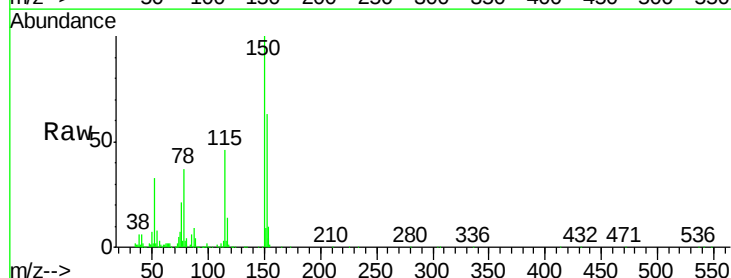
Tgt Ion: 79 Resp: 9943

Ion Ratio Lower Upper

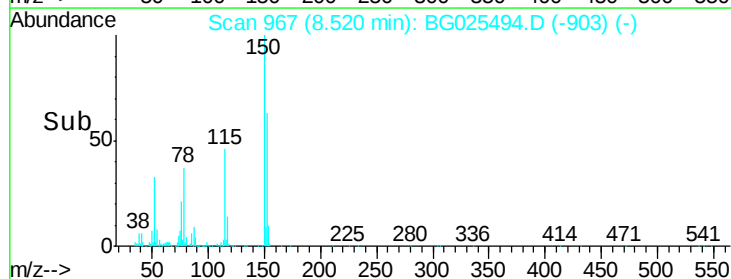
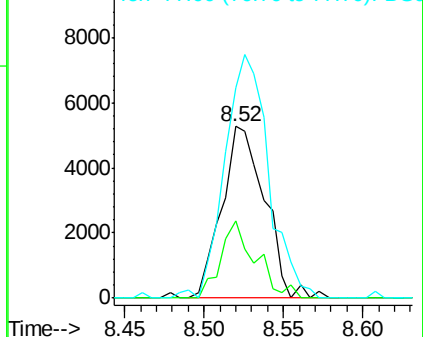
79 100

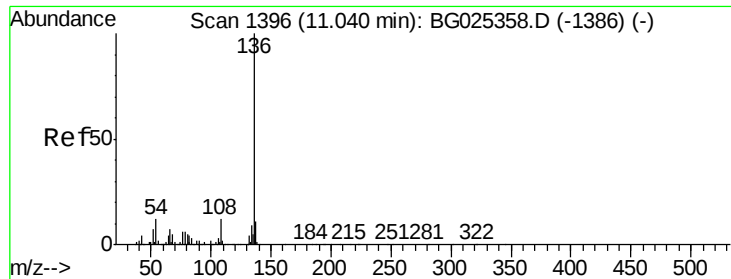
108 44.6 45.5 68.3#

77 122.1 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

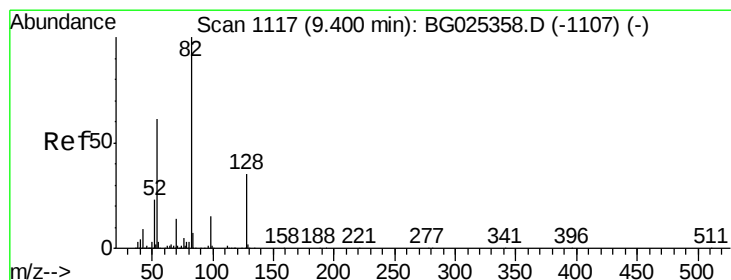
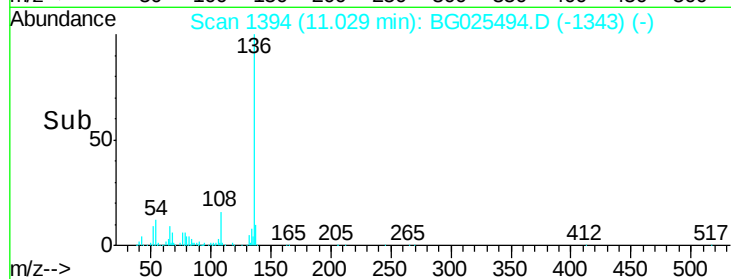
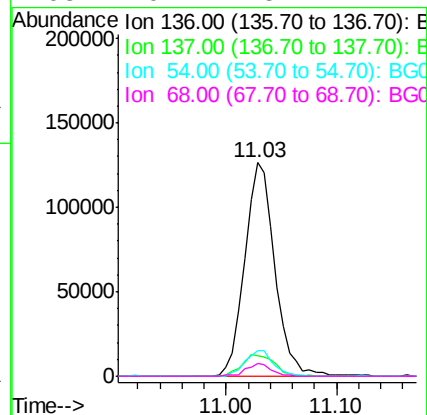
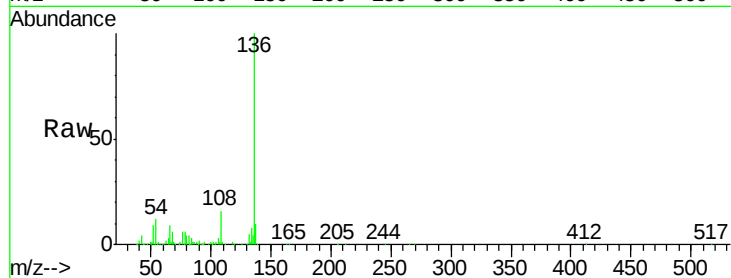




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BG025494.D
Acq: 12 Jan 2017 22:54

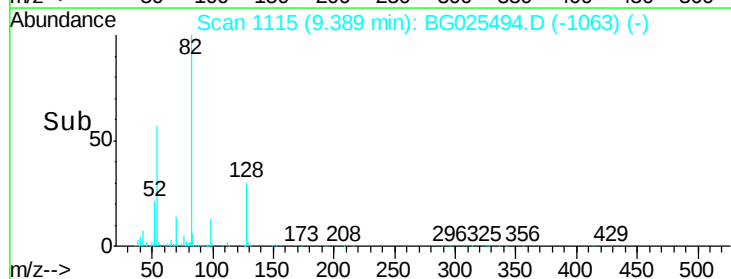
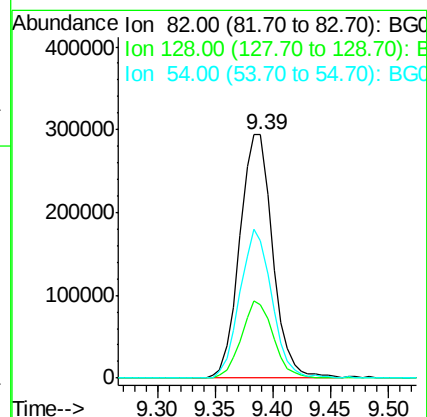
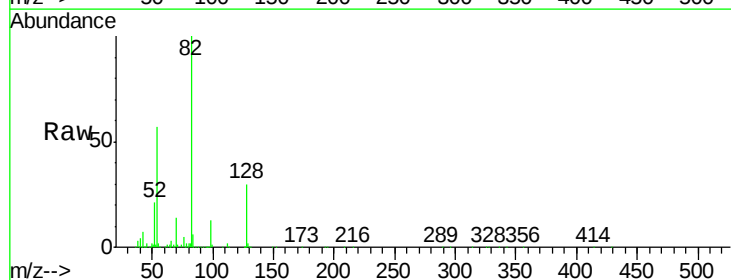
Instrument :
BNA_G
ClientSampleId :
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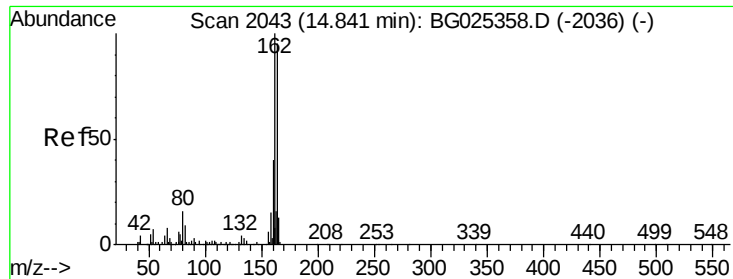
Tgt Ion:	136	Resp:	242012
Ion	Ratio	Lower	Upper
136	100		
137	9.9	8.9	13.3
54	11.7	9.3	13.9
68	6.1	5.1	7.7



#23
Nitrobenzene-d5
Concen: 106.45 ng
RT: 9.39 min Scan# 1115
Delta R.T. 0.01 min
Lab File: BG025494.D
Acq: 12 Jan 2017 22:54

Tgt Ion:	82	Resp:	583180
Ion	Ratio	Lower	Upper
82	100		
128	30.2	26.4	39.6
54	56.5	49.4	74.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.83 min Scan# 2041

Delta R.T. 0.01 min

Lab File: BG025494.D

Acq: 12 Jan 2017 22:54

Instrument :

BNA_G

ClientSampleId :

W-21

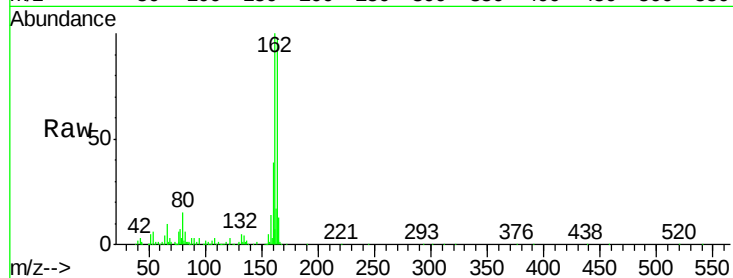
Tgt Ion:164 Resp: 209170

Ion Ratio Lower Upper

164 100

162 103.0 85.1 127.7

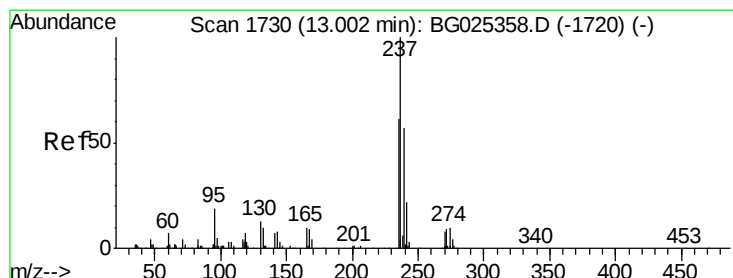
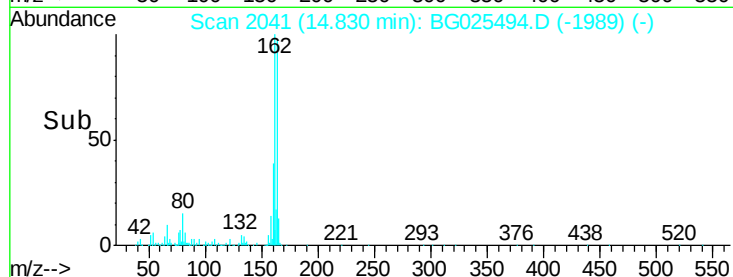
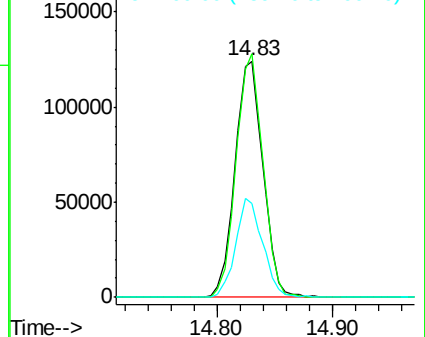
160 39.8 34.7 52.1



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



#40

Hexachlorocyclopentadiene

Concen: 8.54 ng

RT: 12.94 min Scan# 1719

Delta R.T. -0.05 min

Lab File: BG025494.D

Acq: 12 Jan 2017 22:54

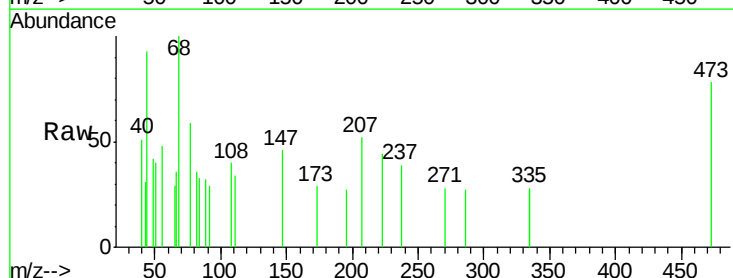
Tgt Ion:237 Resp: 76

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

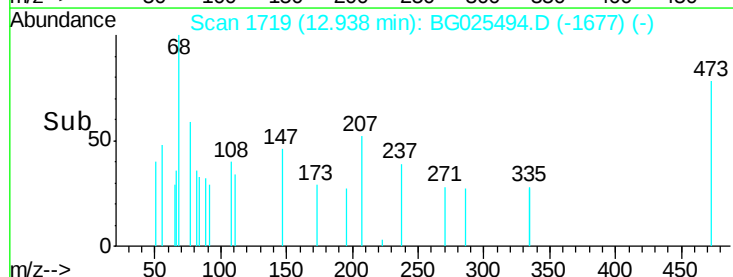
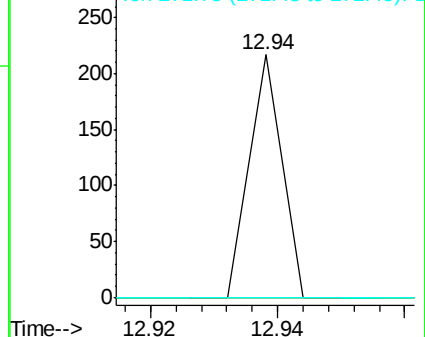
272 0.0 0.0 32.0



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

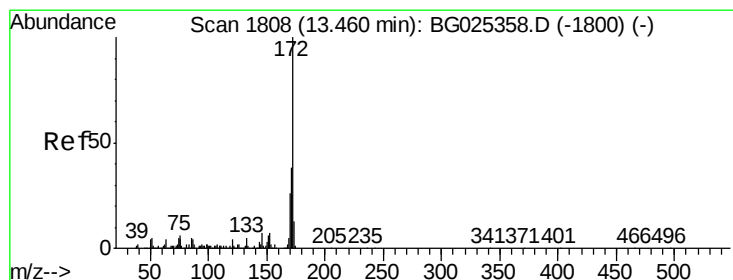
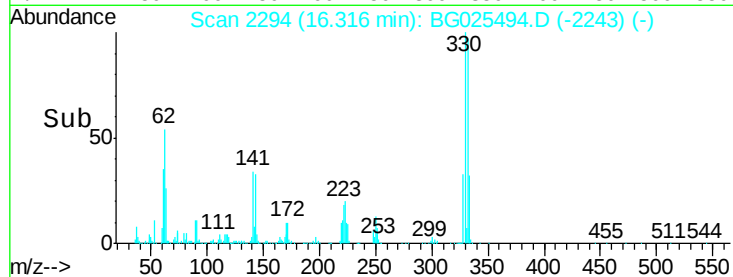
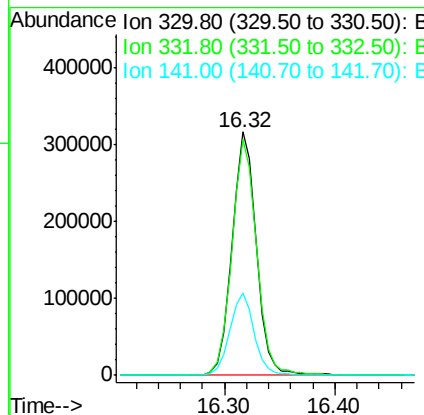
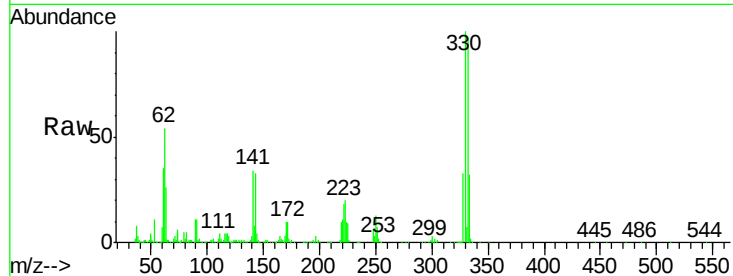




#41
 2,4,6-Tribromophenol
 Concen: 145.13 ng
 RT: 16.32 min Scan# 2294
 Delta R.T. -0.00 min
 Lab File: BG025494.D
 Acq: 12 Jan 2017 22:54

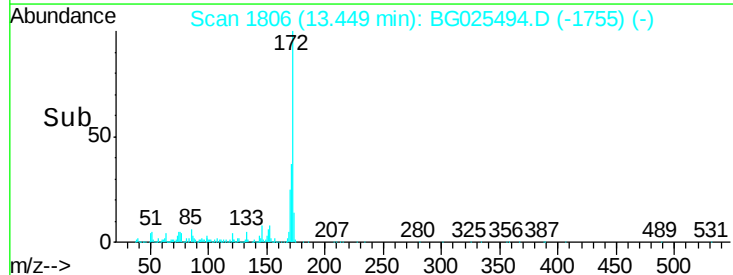
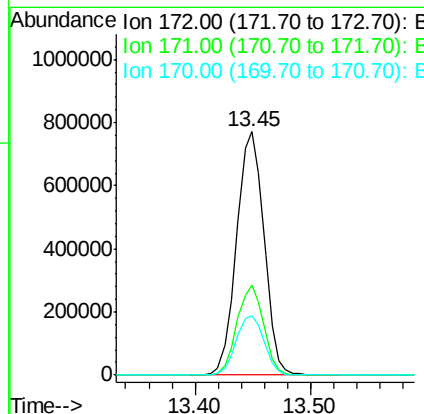
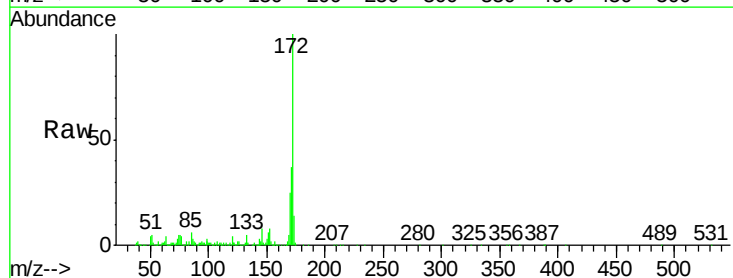
Instrument :
 BNA_G
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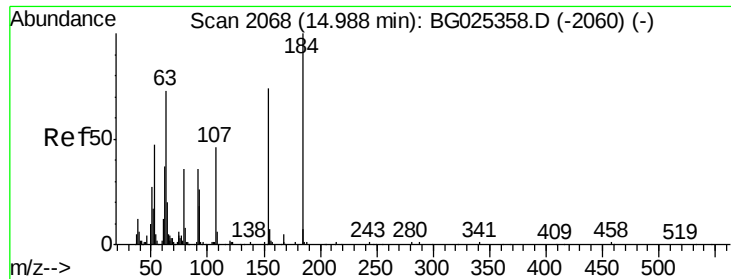
Tgt Ion:330 Resp: 488727
 Ion Ratio Lower Upper
 330 100
 332 99.3 77.3 115.9
 141 34.0 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 98.16 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: BG025494.D
 Acq: 12 Jan 2017 22:54

Tgt Ion:172 Resp: 1268165
 Ion Ratio Lower Upper
 172 100
 171 36.8 32.2 48.2
 170 24.5 21.8 32.6

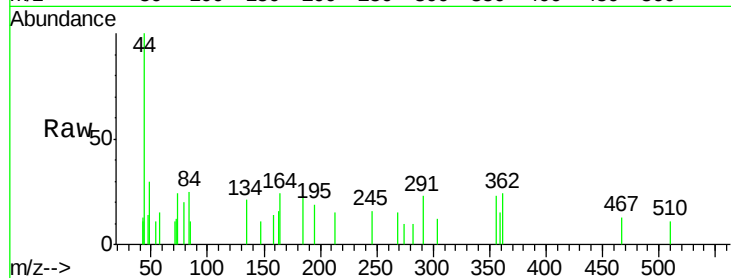




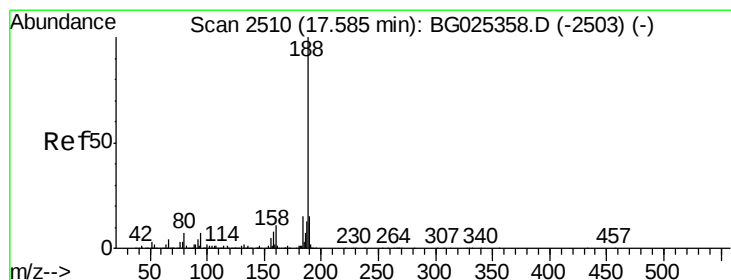
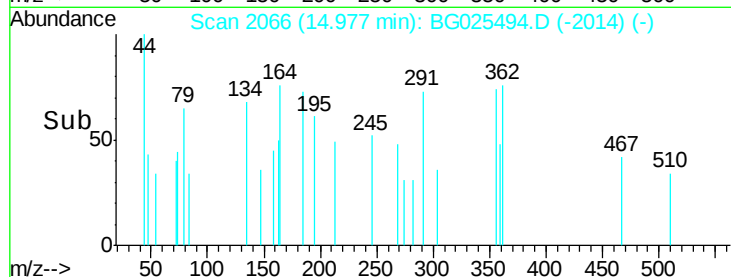
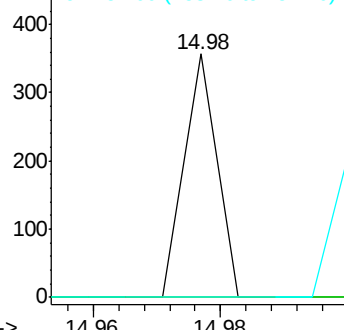
#53
 2,4-Dinitrophenol
 Concen: 5.13 ng
 RT: 14.98 min Scan# 2066
 Delta R.T. 0.01 min
 Lab File: BG025494.D
 Acq: 12 Jan 2017 22:54

Instrument :
 BNA_G
 ClientSampled :
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Tgt Ion:184 Resp: 126
 Ion Ratio Lower Upper
 184 100
 63 0.0 52.7 79.1#
 154 0.0 57.3 85.9#

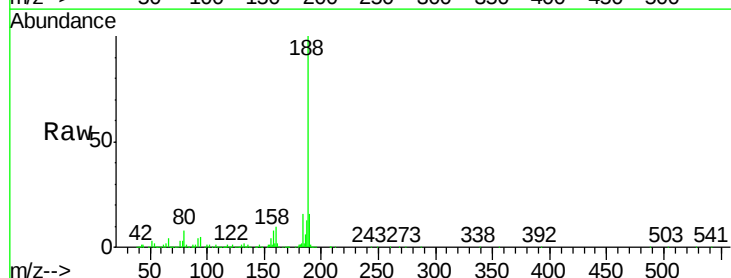


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E

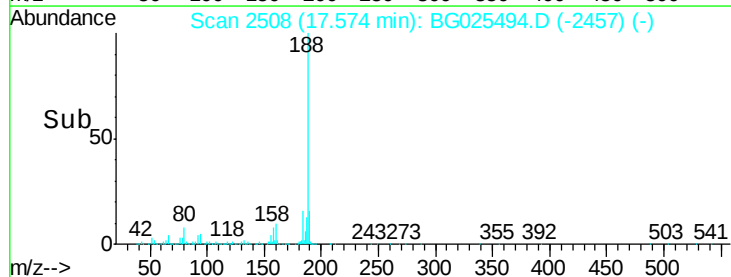
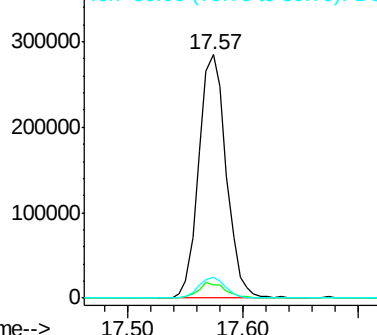


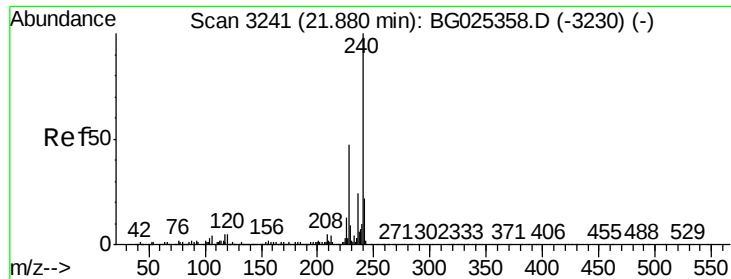
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.57 min Scan# 2508
 Delta R.T. -0.00 min
 Lab File: BG025494.D
 Acq: 12 Jan 2017 22:54

Tgt Ion:188 Resp: 468227
 Ion Ratio Lower Upper
 188 100
 94 5.3 5.8 8.8#
 80 8.5 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

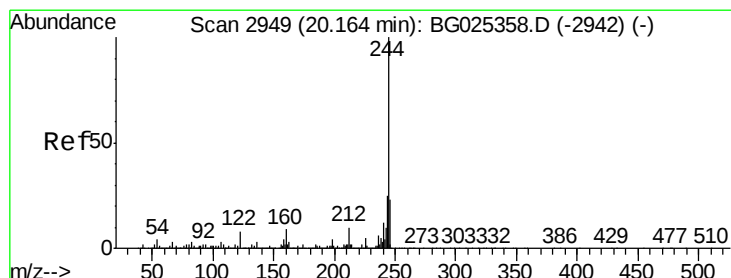
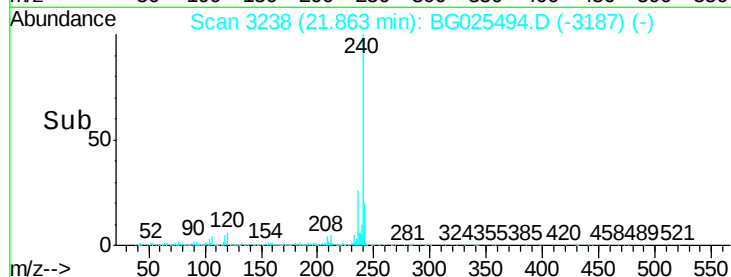
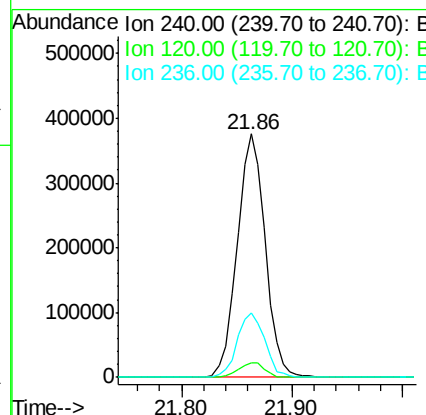
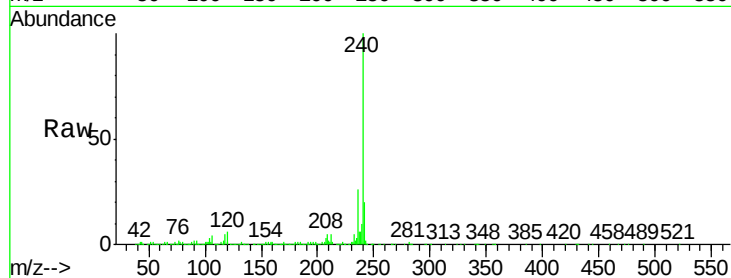




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.86 min Scan# 3238
Delta R.T. -0.00 min
Lab File: BG025494.D
Acq: 12 Jan 2017 22:54

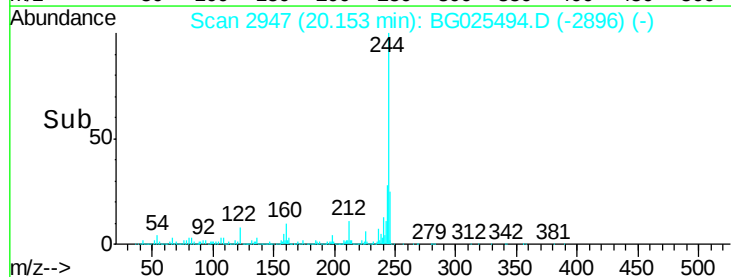
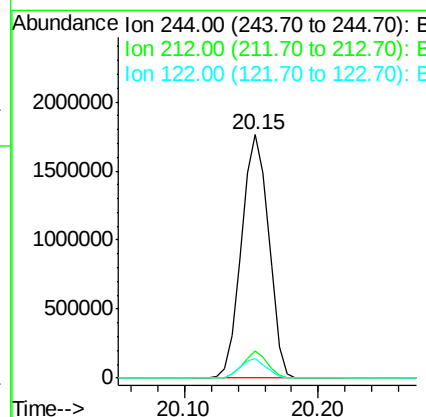
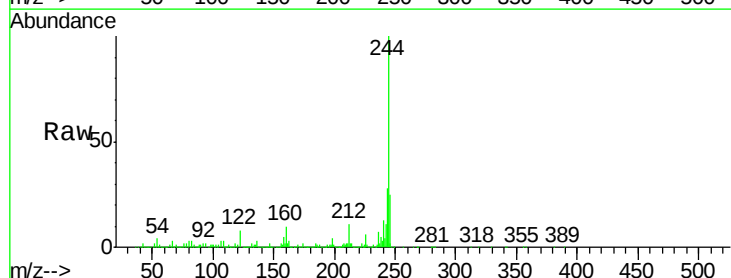
Instrument :
BNA_G
ClientSampleId :
W-21

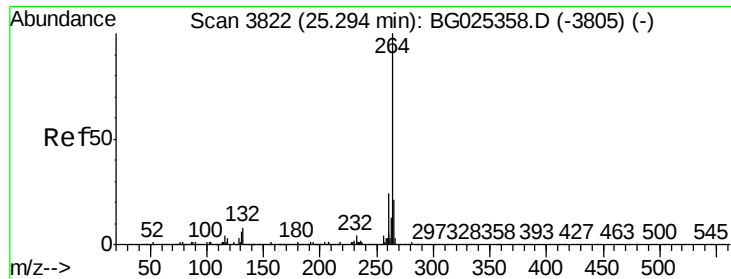
Tgt Ion:240 Resp: 669272
Ion Ratio Lower Upper
240 100
120 5.8 5.7 8.5
236 26.3 22.2 33.4



#78
Terphenyl-d14
Concen: 98.71 ng
RT: 20.15 min Scan# 2947
Delta R.T. -0.00 min
Lab File: BG025494.D
Acq: 12 Jan 2017 22:54

Tgt Ion:244 Resp: 2491743
Ion Ratio Lower Upper
244 100
212 11.1 10.0 15.0
122 8.2 8.6 12.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.26 min Scan# 3816
Delta R.T. -0.01 min
Lab File: BG025494.D
Acq: 12 Jan 2017 22:54

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:	264	Resp:	705985
Ion	Ratio	Lower	Upper
264	100		
260	23.6	21.8	32.8
265	22.3	18.2	27.4

