

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011217\
 Data File : BG025493.D
 Acq On : 12 Jan 2017 22:14
 Operator : UM/SJ
 Sample : I1125-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-50

Quant Time: Jan 13 00:48:57 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	59882	20.00	ng	0.00
21) Naphthalene-d8	11.02	136	237611	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	199571	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	456546	20.00	ng	0.00
75) Chrysene-d12	21.86	240	667764	20.00	ng	0.00
86) Perylene-d12	25.26	264	707178	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.74	112	246285	74.76	ng	0.00
7) Phenol-d6	7.36	99	220731	47.57	ng	0.00
23) Nitrobenzene-d5	9.39	82	584373	108.65	ng	0.00
41) 2,4,6-Tribromophenol	16.32	330	554267	172.51	ng	0.00
44) 2-Fluorobiphenyl	13.44	172	1303640	105.76	ng	0.00
78) Terphenyl-d14	20.15	244	2465023	97.88	ng	0.00

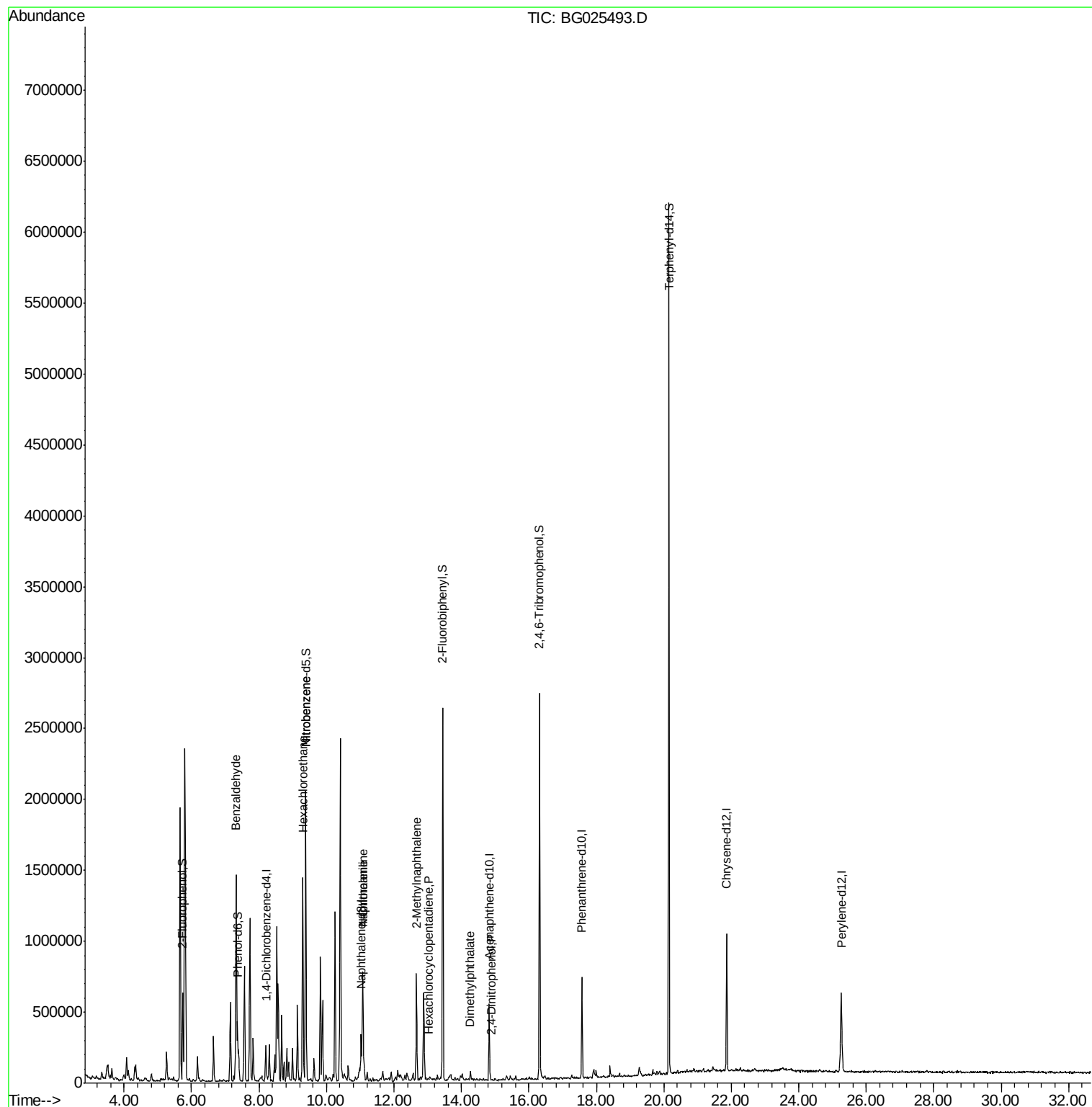
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.32	77	133340	39.28	ng	# 1
18) Hexachloroethane	9.30	117	234184	130.83	ng	# 1
24) Nitrobenzene	9.39	77	51030	8.65	ng	# 1
31) Naphthalene	11.08	128	577826	48.70	ng	98
33) 4-Chloroaniline	11.08	127	87663	17.57	ng	# 31
37) 2-Methylnaphthalene	12.67	142	326938	37.18	ng	94
40) Hexachlorocyclopentadiene	13.03	237	77	8.54	ng	# 29
49) Dimethylphthalate	14.27	163	39670	2.73	ng	# 91
53) 2,4-Dinitrophenol	14.90	184	55	5.10	ng	# 1

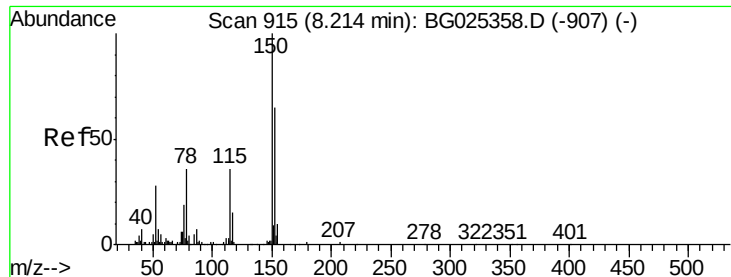
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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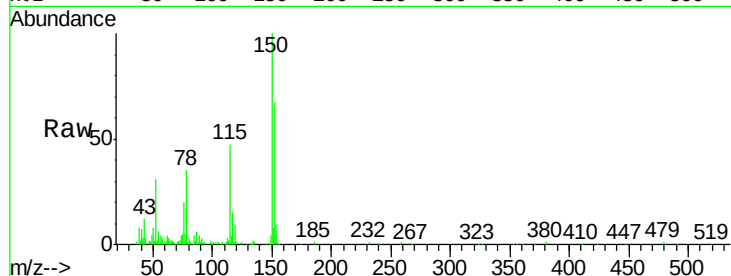


#1

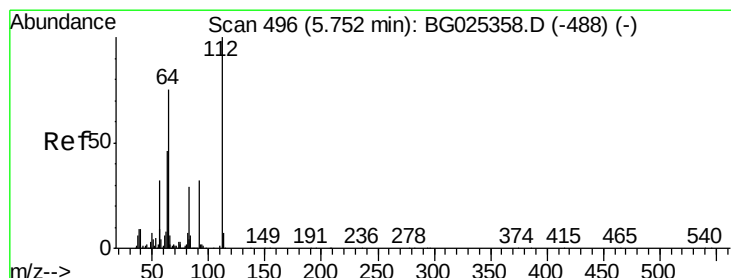
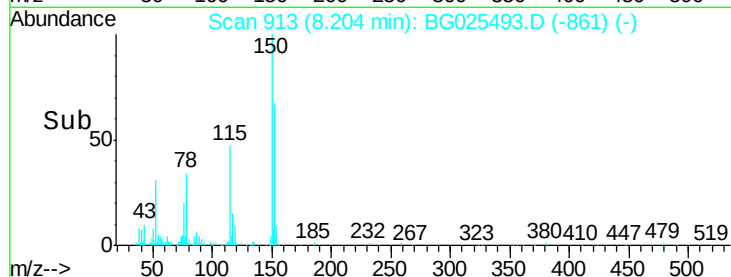
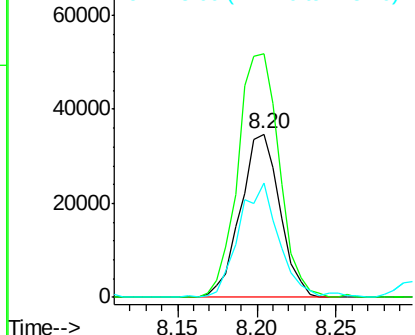
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.20 min Scan# 913
Delta R.T. 0.01 min
Lab File: BG025493.D
Acq: 12 Jan 2017 22:14

Instrument :
BNA_G
ClientSampleId :
W-50

Tgt Ion	Ratio	Lower	Upper
152	100		
150	149.0	114.0	171.0
115	69.8	48.1	72.1



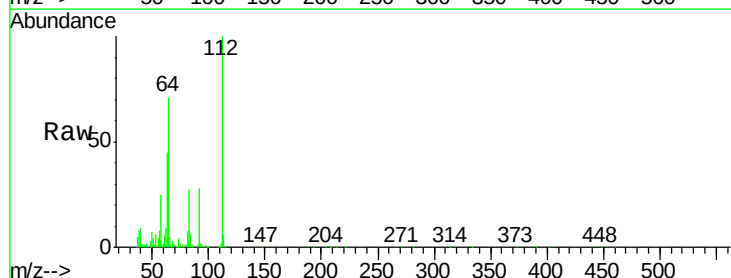
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



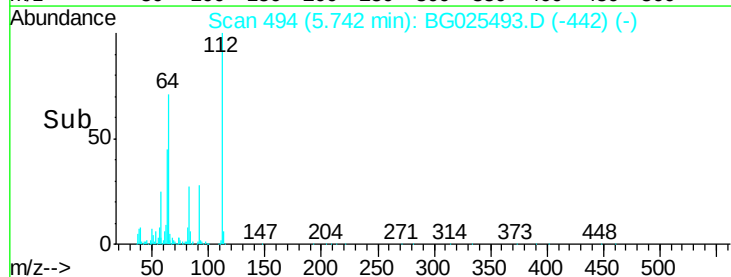
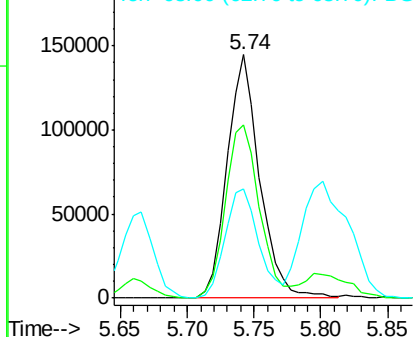
#5

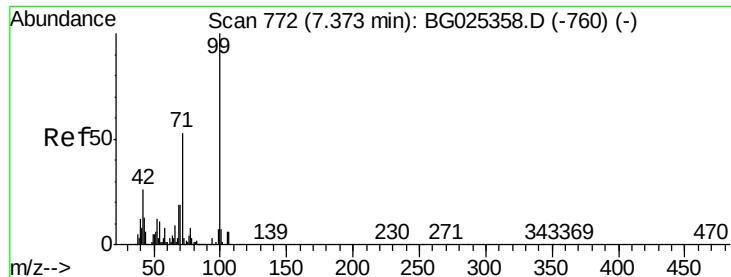
2-Fluorophenol
Concen: 74.76 ng
RT: 5.74 min Scan# 494
Delta R.T. 0.01 min
Lab File: BG025493.D
Acq: 12 Jan 2017 22:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.2	61.8	92.6
63	45.1	37.2	55.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 47.57 ng

RT: 7.36 min Scan# 769

Delta R.T. 0.00 min

Lab File: BG025493.D

Acq: 12 Jan 2017 22:14

Instrument :

BNA_G

ClientSampleId :

W-50

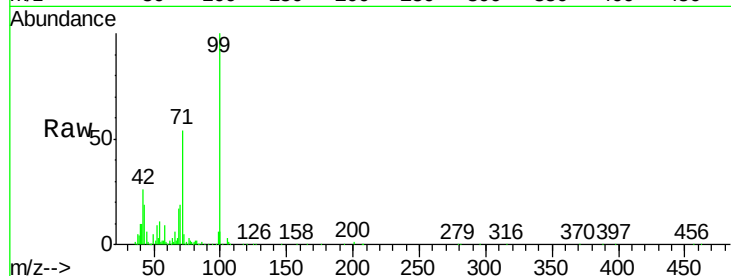
Tgt Ion: 99 Resp: 220731

Ion Ratio Lower Upper

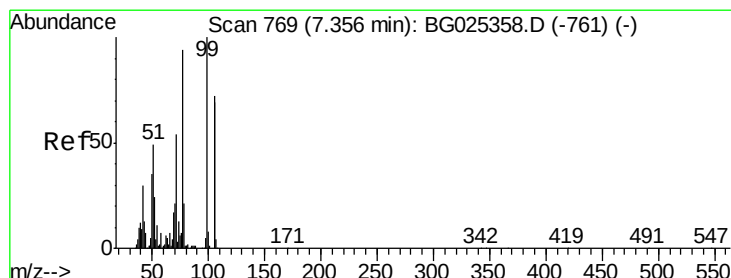
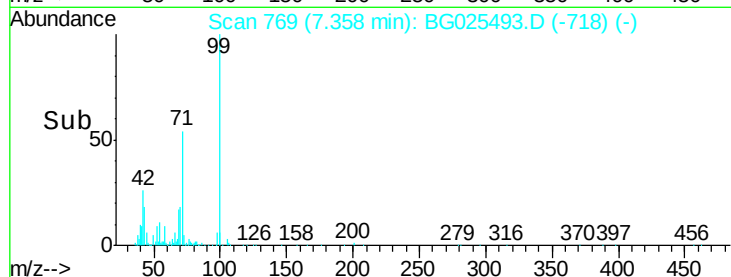
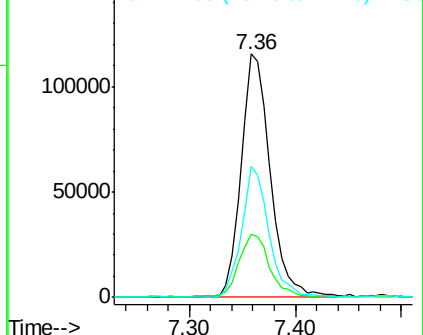
99 100

42 25.9 20.5 30.7

71 53.5 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



#9

Benzaldehyde

Concen: 39.28 ng

RT: 7.32 min Scan# 762

Delta R.T. -0.02 min

Lab File: BG025493.D

Acq: 12 Jan 2017 22:14

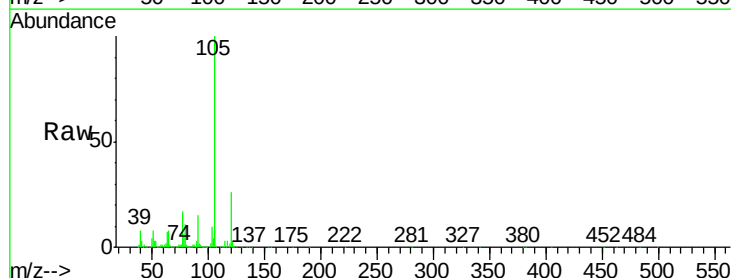
Tgt Ion: 77 Resp: 133340

Ion Ratio Lower Upper

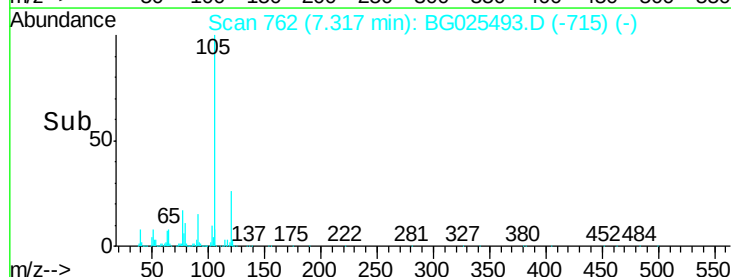
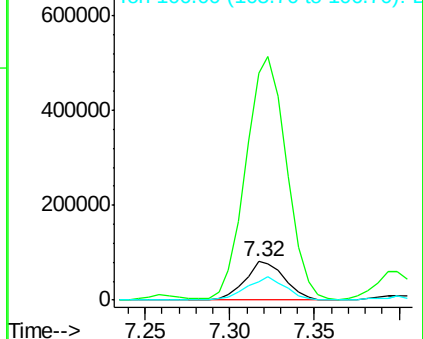
77 100

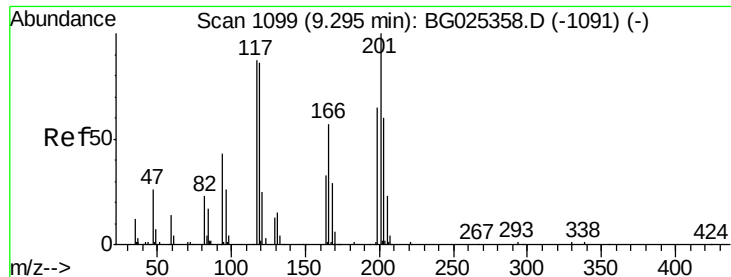
105 587.1 60.9 100.9#

106 46.9 55.1 95.1#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

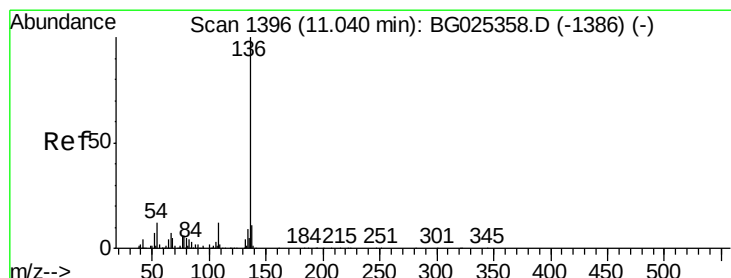
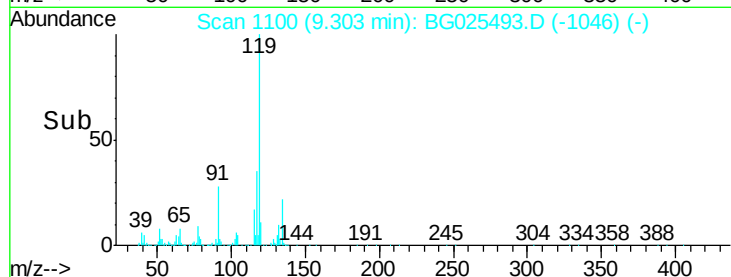
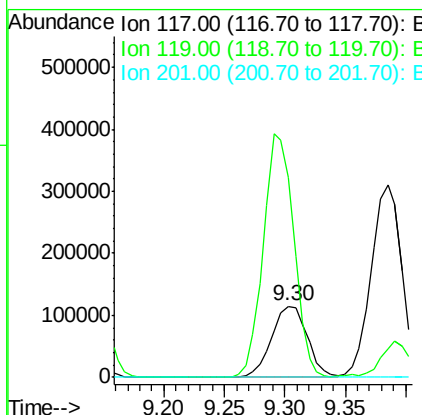
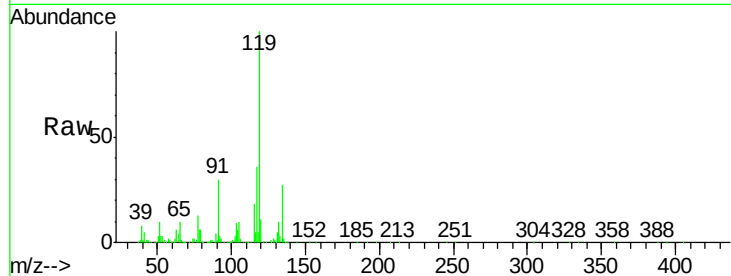




#18
Hexachloroethane
Concen: 130.83 ng
RT: 9.30 min Scan# 1100
Delta R.T. 0.02 min
Lab File: BG025493.D
Acq: 12 Jan 2017 22:14

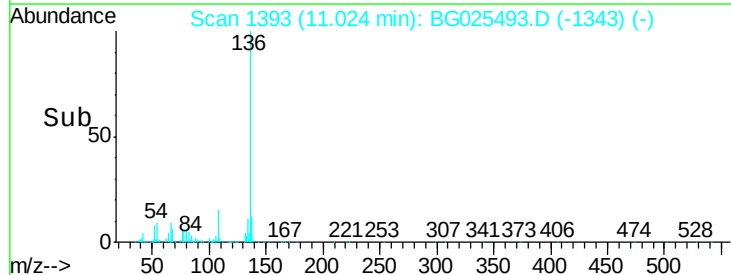
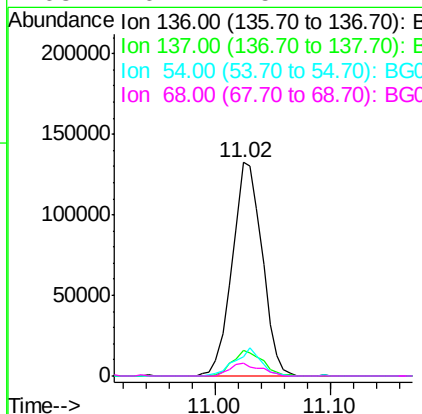
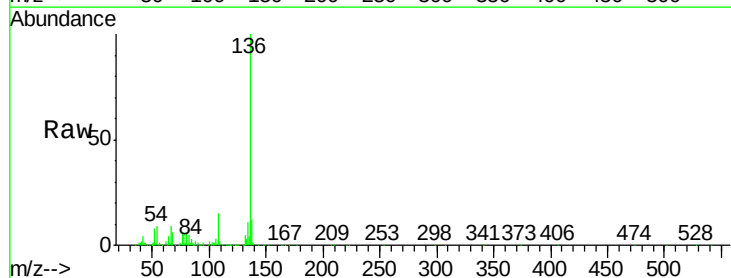
Instrument :
BNA_G
ClientSampleId :
W-50

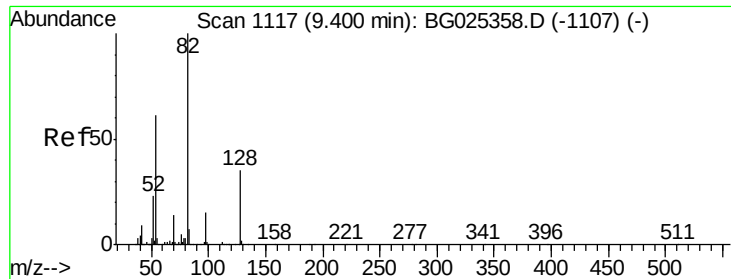
Tgt Ion:117 Resp: 234184
Ion Ratio Lower Upper
117 100
119 280.7 69.8 104.6#
201 0.0 95.4 143.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.02 min Scan# 1393
Delta R.T. -0.00 min
Lab File: BG025493.D
Acq: 12 Jan 2017 22:14

Tgt Ion:136 Resp: 237611
Ion Ratio Lower Upper
136 100
137 12.2 8.9 13.3
54 8.9 9.3 13.9#
68 6.1 5.1 7.7

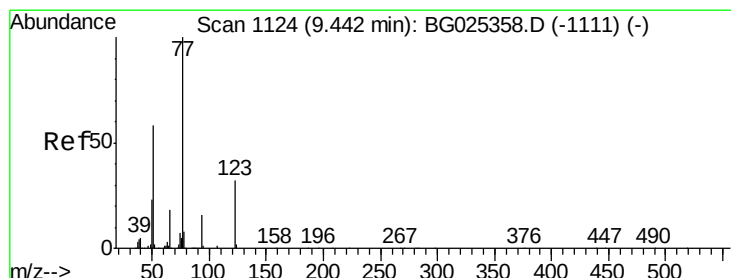
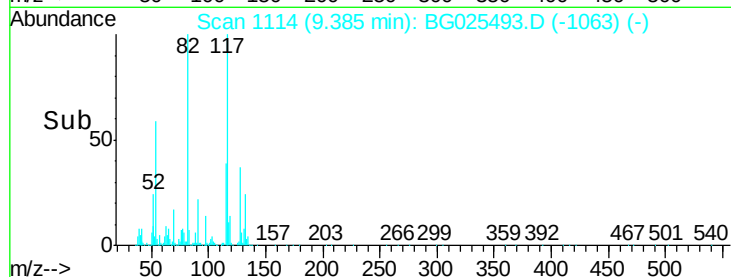
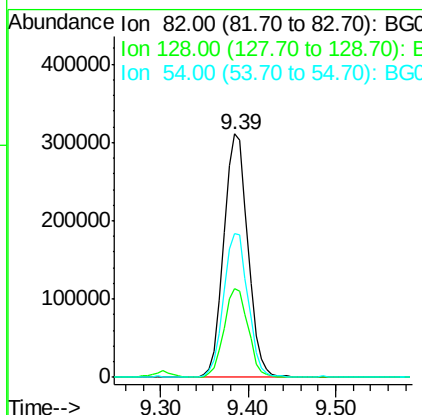
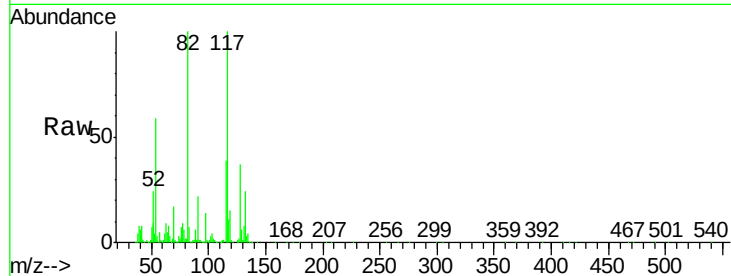




#23
 Nitrobenzene-d5
 Concen: 108.65 ng
 RT: 9.39 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: BG025493.D
 Acq: 12 Jan 2017 22:14

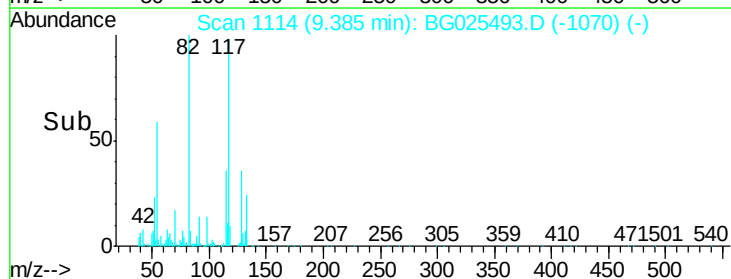
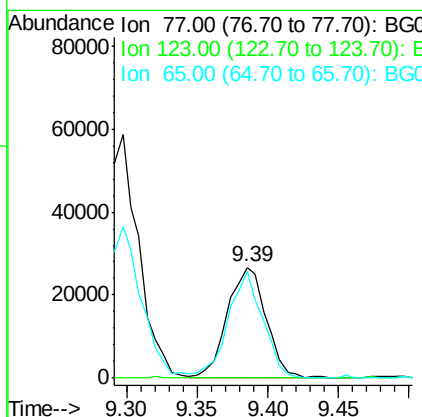
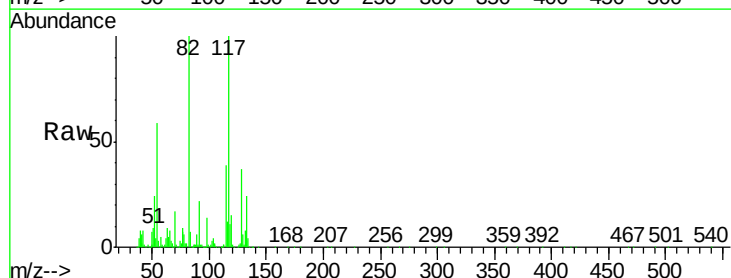
Instrument :
 BNA_G
 ClientSampleId :
 W-50

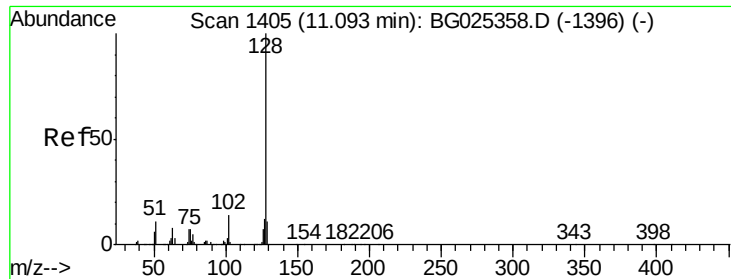
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.6	26.4	39.6
54	58.8	49.4	74.2



#24
 Nitrobenzene
 Concen: 8.65 ng
 RT: 9.39 min Scan# 1114
 Delta R.T. -0.04 min
 Lab File: BG025493.D
 Acq: 12 Jan 2017 22:14

Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	26.1	39.1#
65	96.2	12.4	18.6#

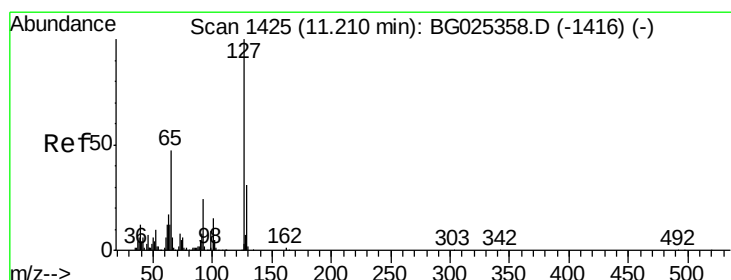
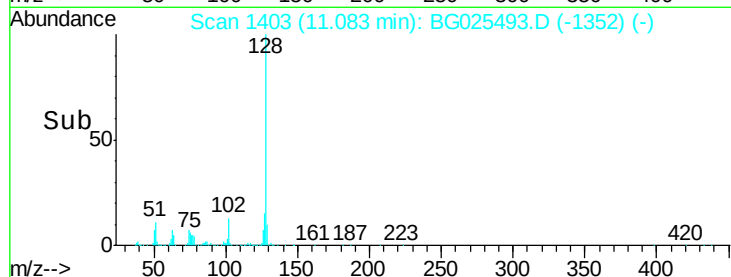
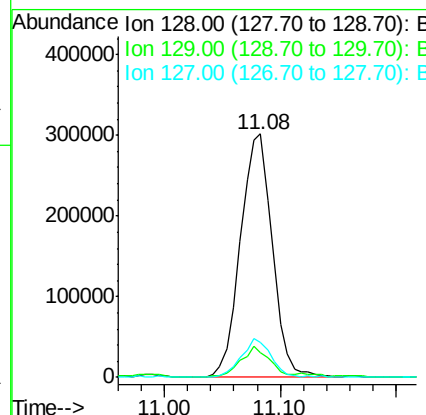
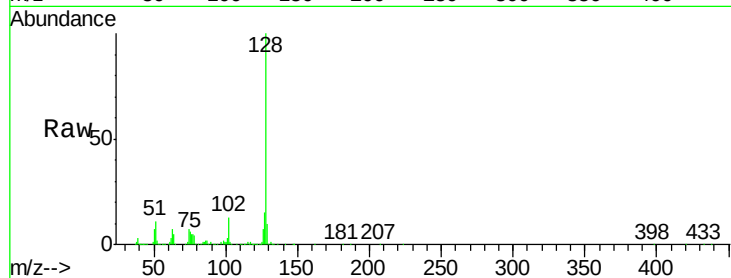




#31
Naphthalene
Concen: 48.70 ng
RT: 11.08 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BG025493.D
Acq: 12 Jan 2017 22:14

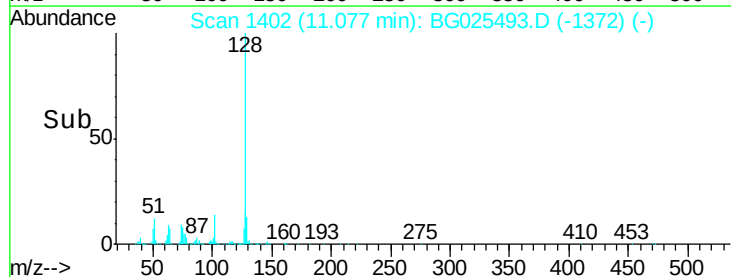
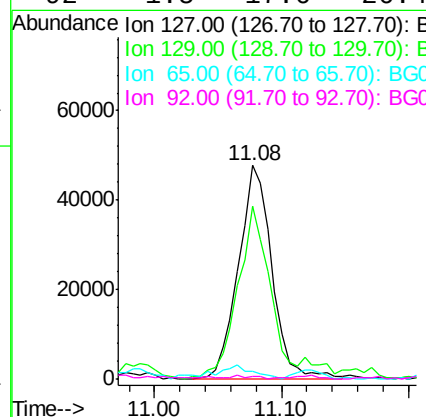
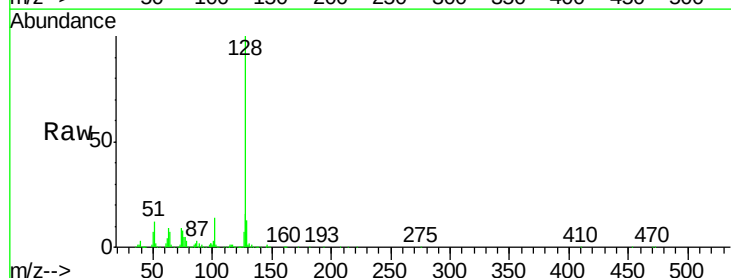
Instrument :
BNA_G
ClientSampleId :
W-50

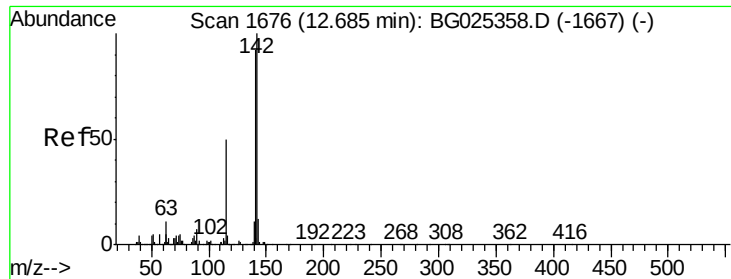
Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.3	9.3	13.9
127	14.5	11.4	17.0



#33
4-Chloroaniline
Concen: 17.57 ng
RT: 11.08 min Scan# 1402
Delta R.T. -0.12 min
Lab File: BG025493.D
Acq: 12 Jan 2017 22:14

Tgt Ion	Ratio	Lower	Upper
127	100		
129	81.1	23.6	35.4#
65	3.6	37.7	56.5#
92	1.5	17.6	26.4#

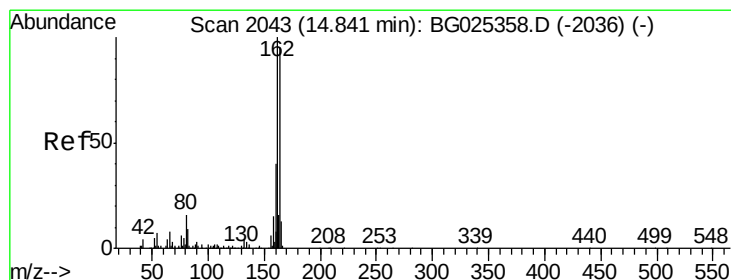
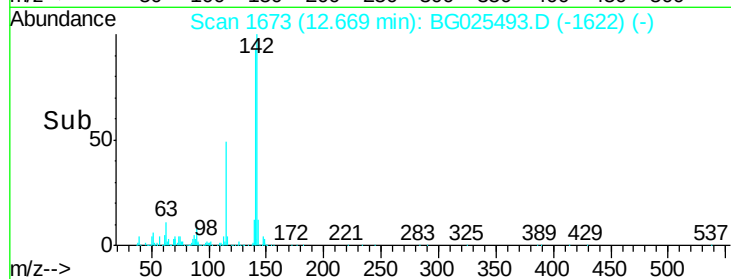
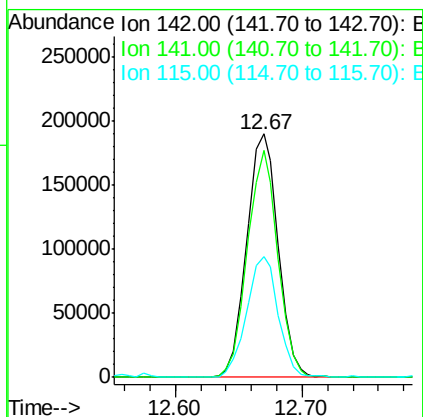
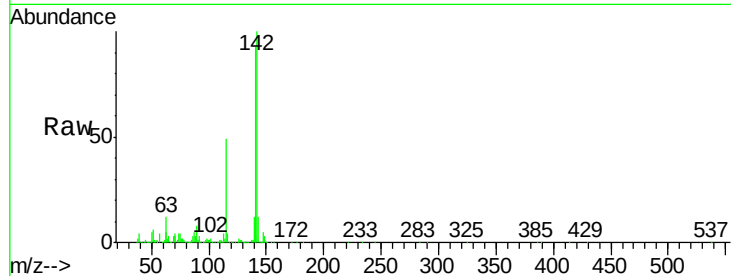




#37
2-Methylnaphthalene
Concen: 37.18 ng
RT: 12.67 min Scan# 1673
Delta R.T. 0.00 min
Lab File: BG025493.D
Acq: 12 Jan 2017 22:14

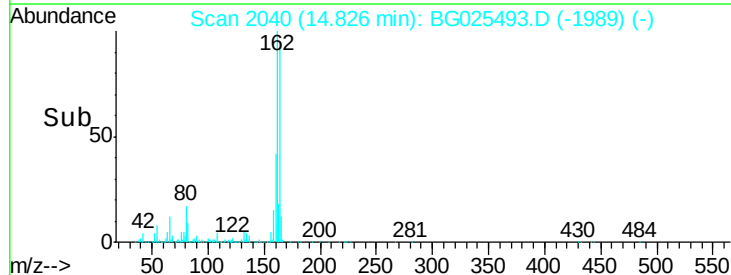
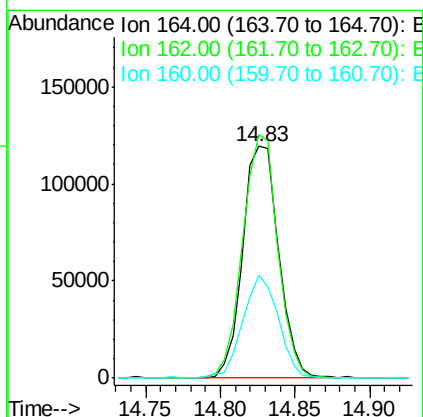
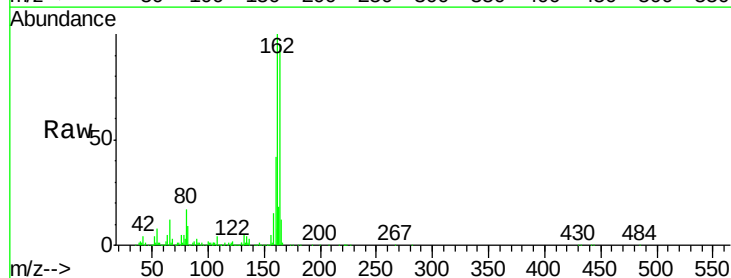
Instrument :
BNA_G
ClientSampleId :
W-50

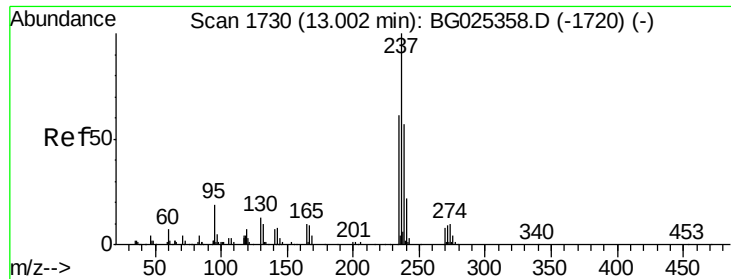
Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	70.4	105.6
115	49.3	35.5	53.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.83 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BG025493.D
Acq: 12 Jan 2017 22:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	85.1	127.7
160	44.4	34.7	52.1





#40

Hexachlorocyclopentadiene

Concen: 8.54 ng

RT: 13.03 min Scan# 1735

Delta R.T. 0.04 min

Lab File: BG025493.D

Acq: 12 Jan 2017 22:14

Instrument :

BNA_G

ClientSampleId :

W-50

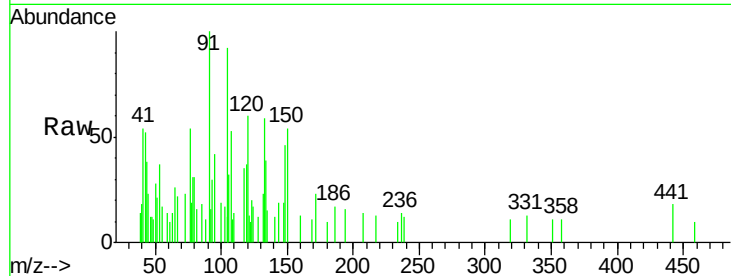
Tgt Ion: 237 Resp: 77

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

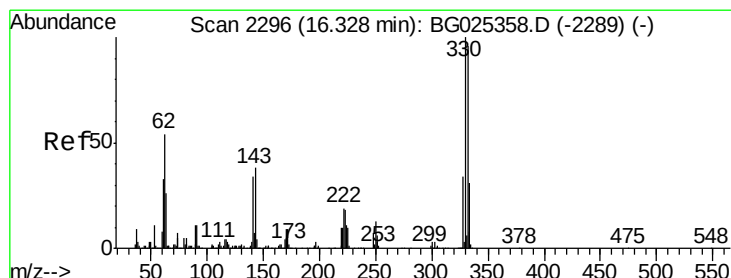
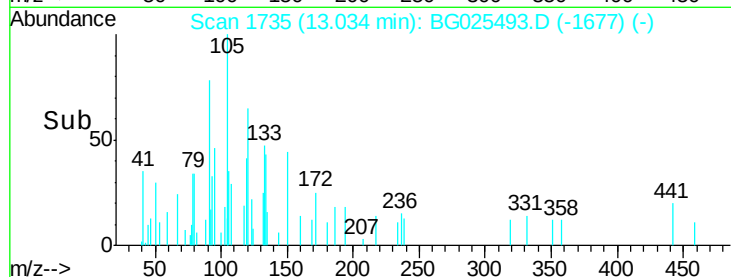
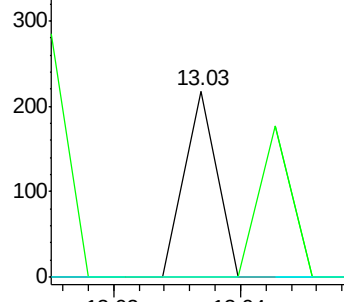
272 0.0 0.0 32.0



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: 172.51 ng

RT: 16.32 min Scan# 2294

Delta R.T. 0.00 min

Lab File: BG025493.D

Acq: 12 Jan 2017 22:14

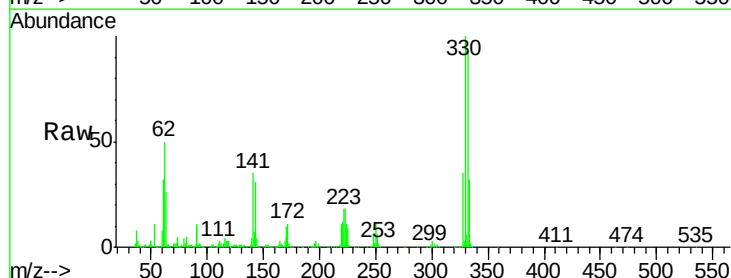
Tgt Ion: 330 Resp: 554267

Ion Ratio Lower Upper

330 100

332 95.2 77.3 115.9

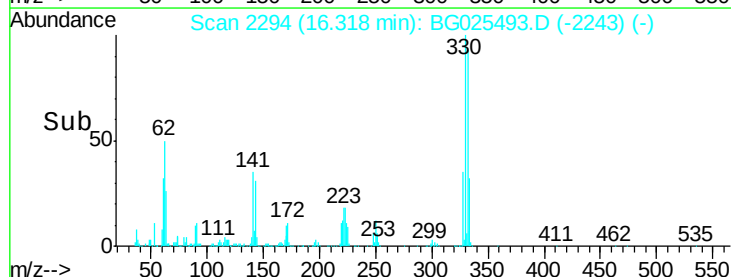
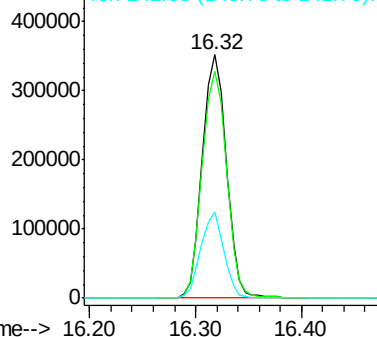
141 34.0 32.1 48.1

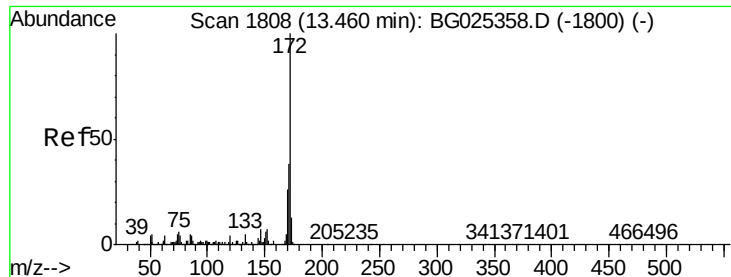


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

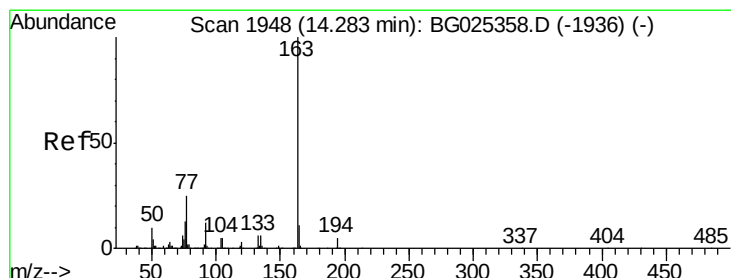
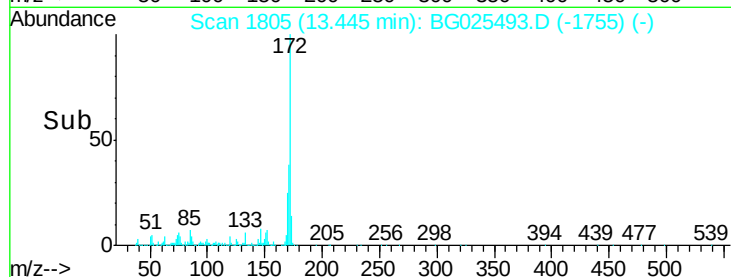
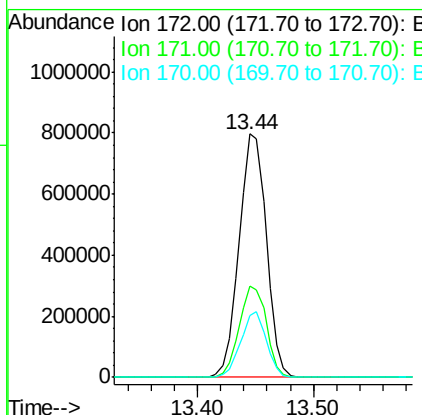
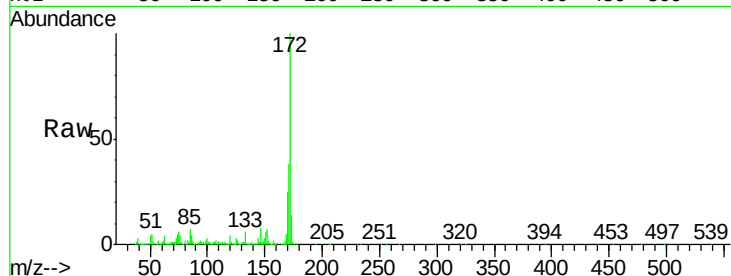




#44
2-Fluorobiphenyl
Concen: 105.76 ng
RT: 13.44 min Scan# 1805
Delta R.T. -0.00 min
Lab File: BG025493.D
Acq: 12 Jan 2017 22:14

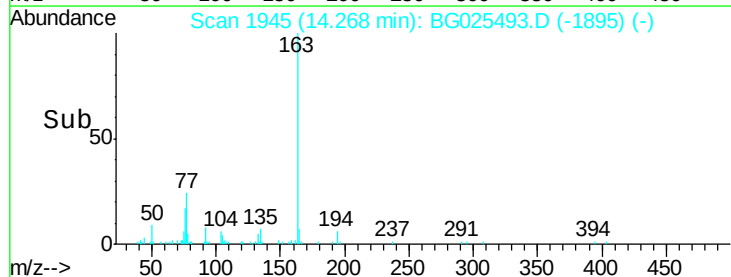
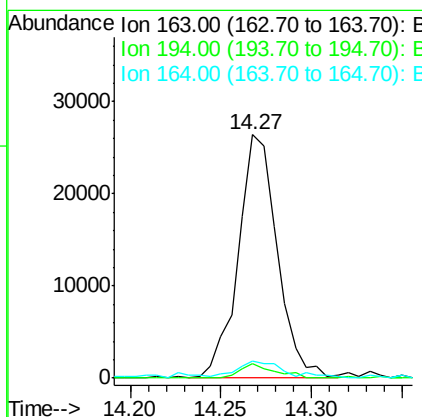
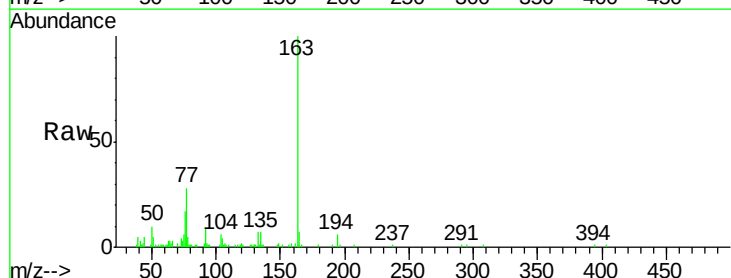
Instrument :
BNA_G
ClientSampled :
W-50

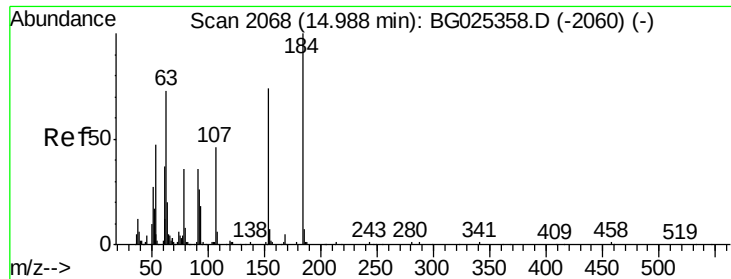
Tgt Ion:172 Resp: 1303640
Ion Ratio Lower Upper
172 100
171 37.6 32.2 48.2
170 25.3 21.8 32.6



#49
Dimethylphthalate
Concen: 2.73 ng
RT: 14.27 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG025493.D
Acq: 12 Jan 2017 22:14

Tgt Ion:163 Resp: 39670
Ion Ratio Lower Upper
163 100
194 5.9 3.8 5.6#
164 7.3 9.3 13.9#

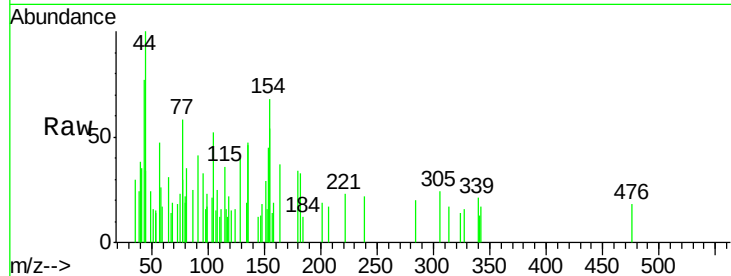




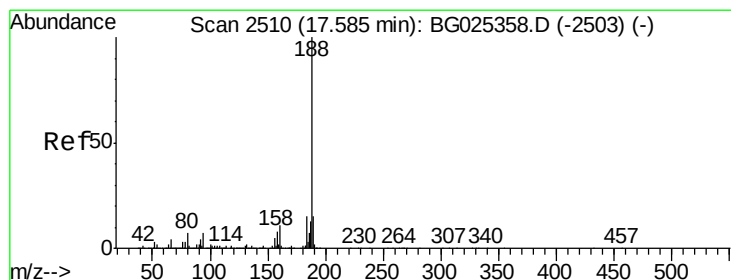
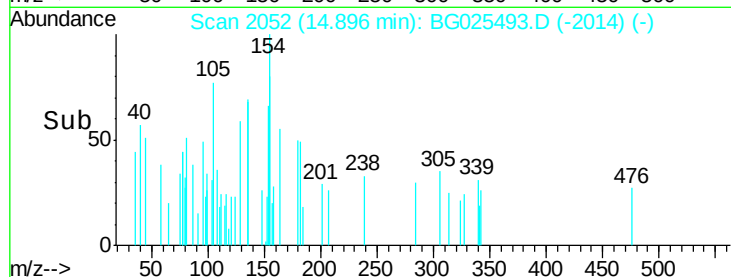
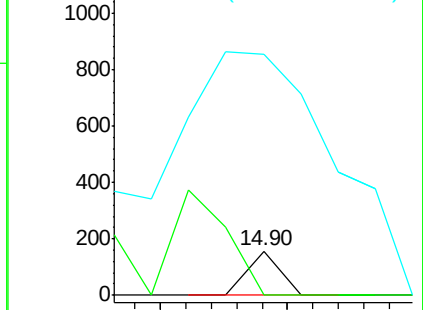
#53
2,4-Dinitrophenol
Concen: 5.10 ng
RT: 14.90 min Scan# 2052
Delta R.T. -0.08 min
Lab File: BG025493.D
Acq: 12 Jan 2017 22:14

Instrument :
BNA_G
ClientSampled :
W-50

Tgt Ion:184 Resp: 55
Ion Ratio Lower Upper
184 100
63 0.0 52.7 79.1#
154 546.8 57.3 85.9#

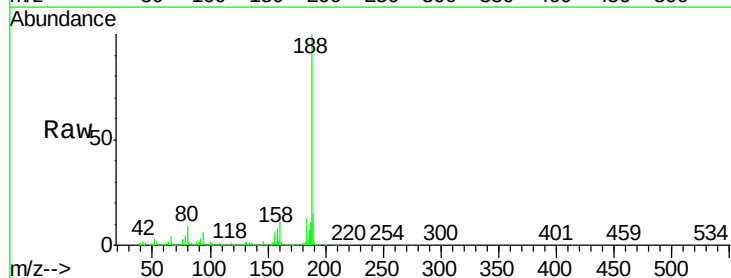


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

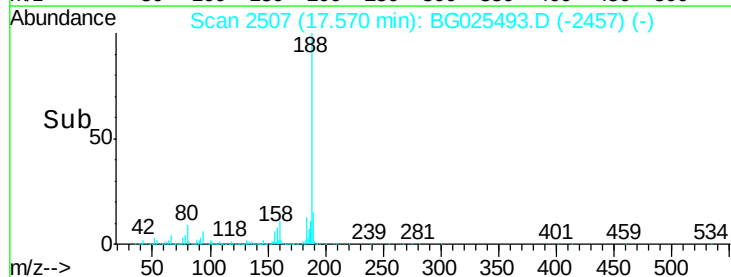
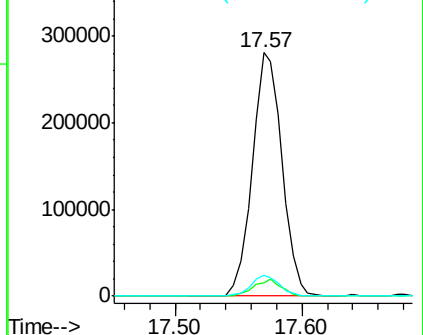


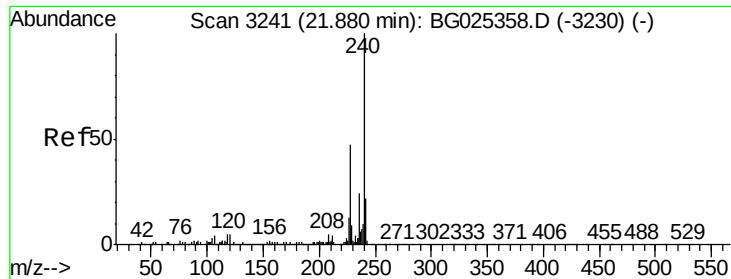
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2507
Delta R.T. -0.00 min
Lab File: BG025493.D
Acq: 12 Jan 2017 22:14

Tgt Ion:188 Resp: 456546
Ion Ratio Lower Upper
188 100
94 5.6 5.8 8.8#
80 8.6 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

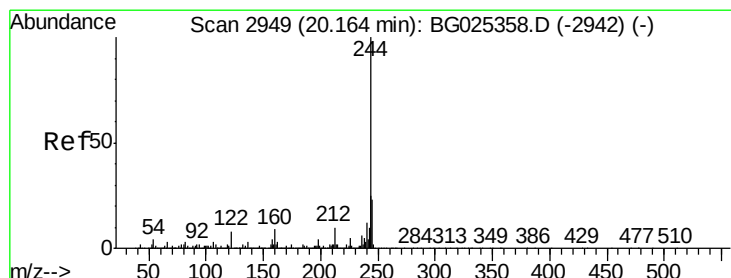
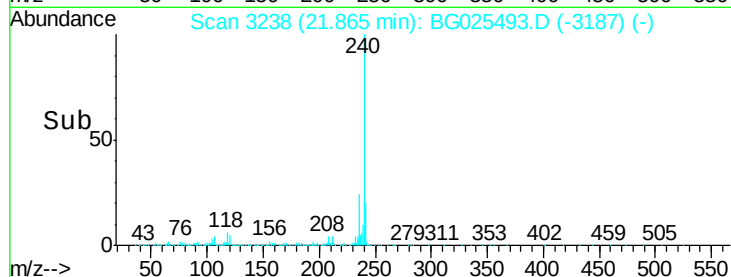
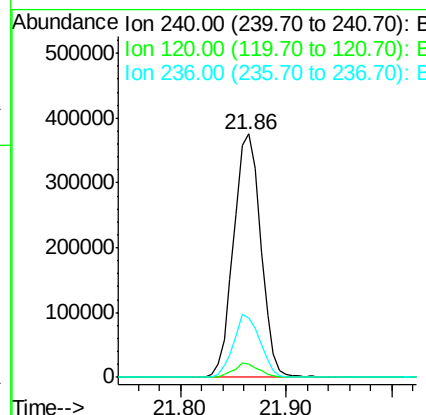
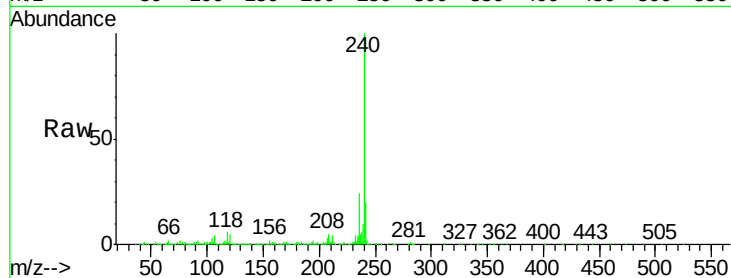




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.86 min Scan# 3238
Delta R.T. 0.00 min
Lab File: BG025493.D
Acq: 12 Jan 2017 22:14

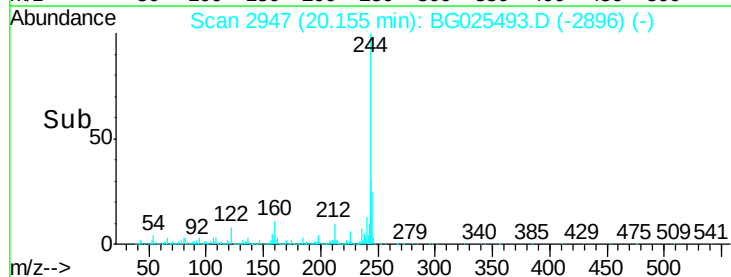
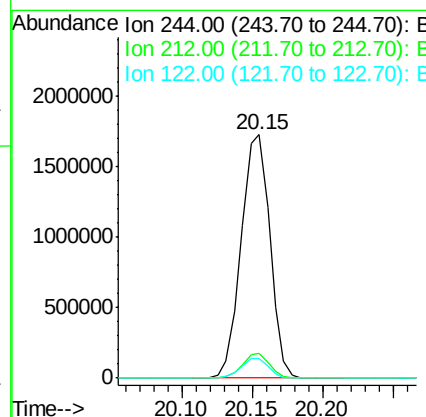
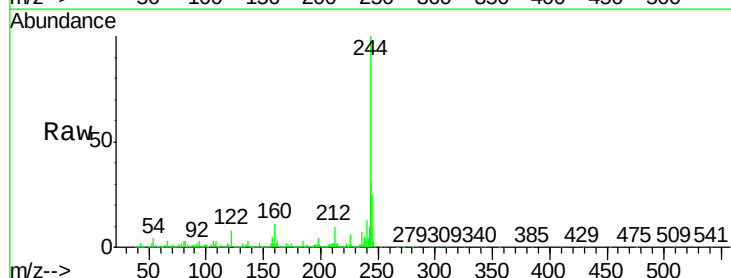
Instrument :
BNA_G
ClientSampleId :
W-50

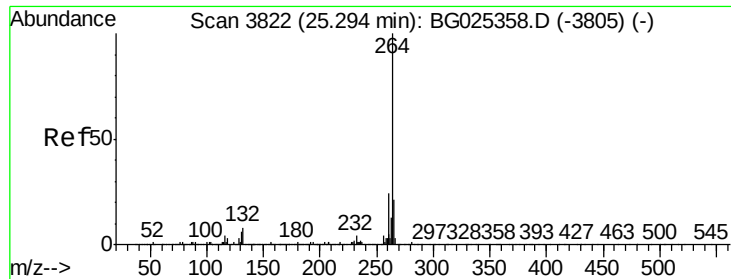
Tgt Ion:240 Resp: 667764
Ion Ratio Lower Upper
240 100
120 5.4 5.7 8.5#
236 24.5 22.2 33.4



#78
Terphenyl-d14
Concen: 97.88 ng
RT: 20.15 min Scan# 2947
Delta R.T. 0.00 min
Lab File: BG025493.D
Acq: 12 Jan 2017 22:14

Tgt Ion:244 Resp: 2465023
Ion Ratio Lower Upper
244 100
212 10.4 10.0 15.0
122 8.1 8.6 12.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.26 min Scan# 3816
Delta R.T. -0.00 min
Lab File: BG025493.D
Acq: 12 Jan 2017 22:14

Instrument :
BNA_G
ClientSampleId :
W-50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.6	21.8	32.8
265	24.3	18.2	27.4

