

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 01:27:56 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

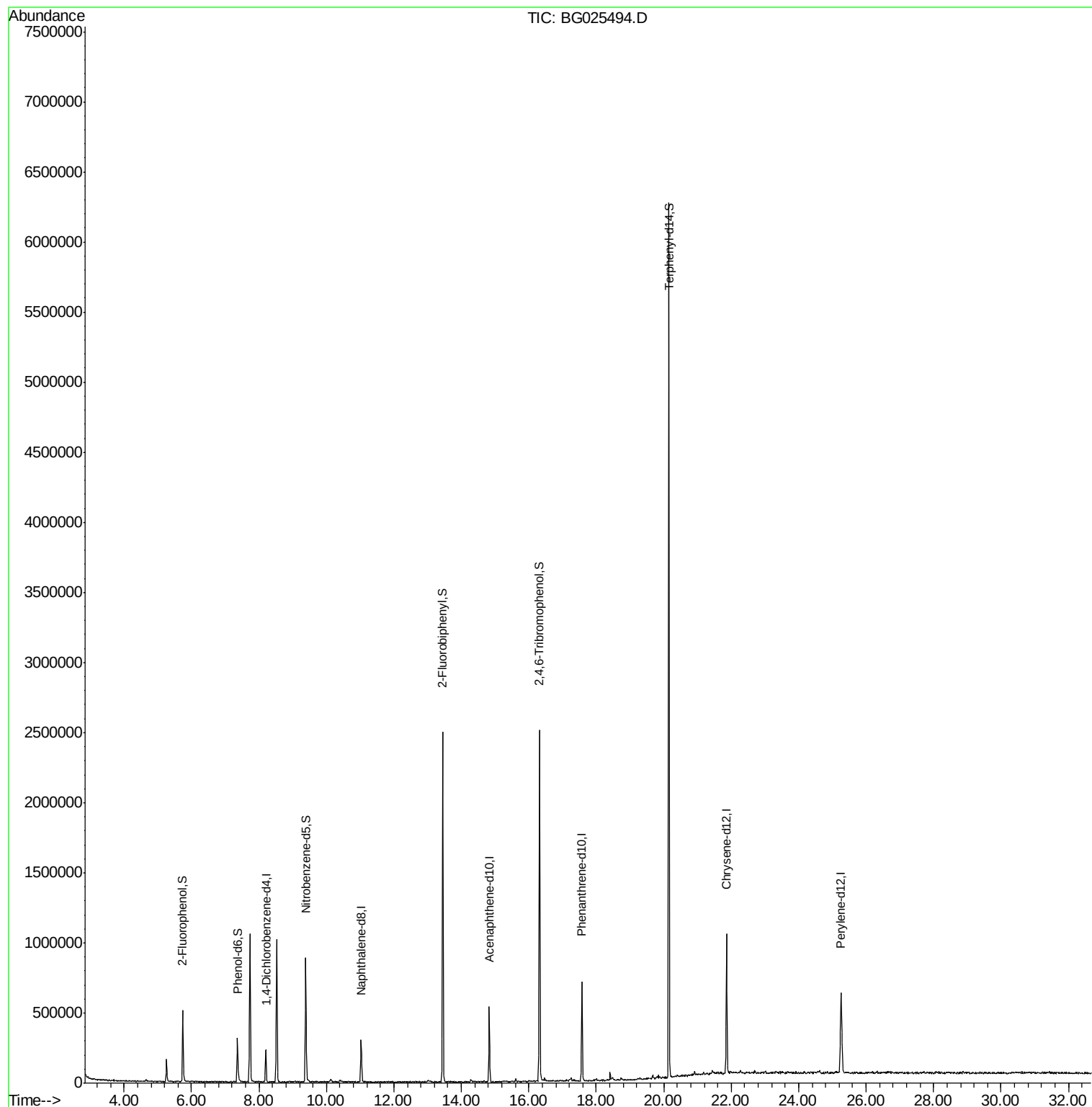
Target Compounds Qvalue

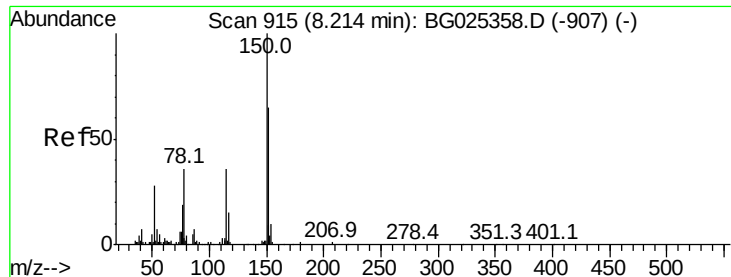
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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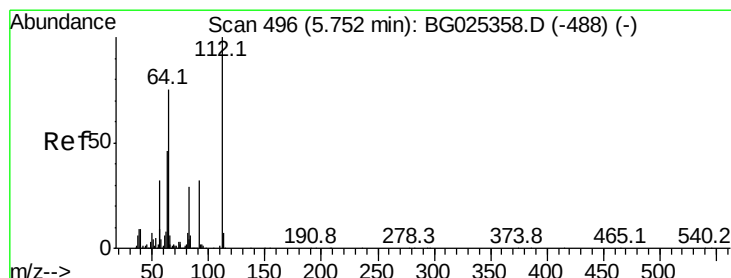
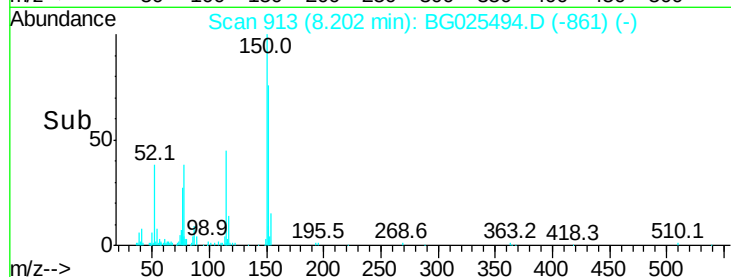
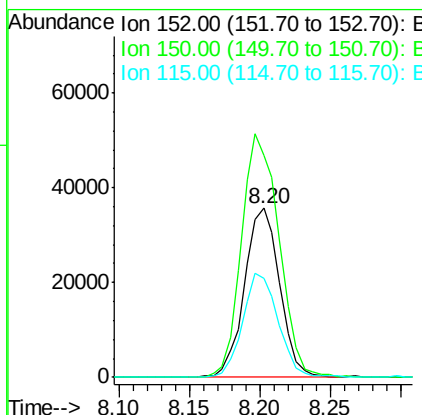
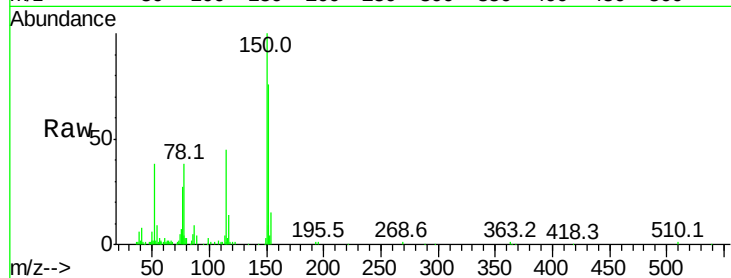


#1

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

Instrument :
BNA_G
ClientSampleId :
W-21

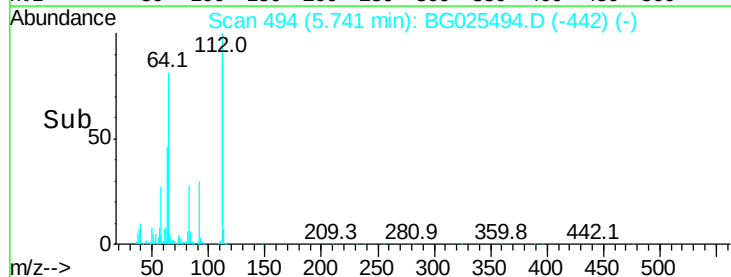
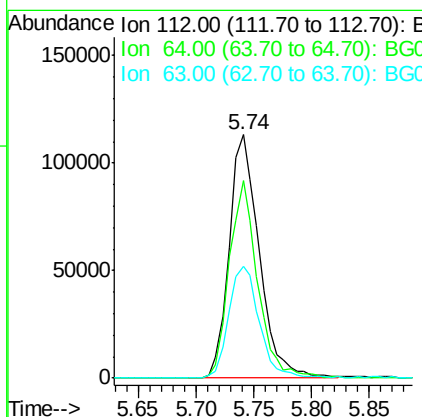
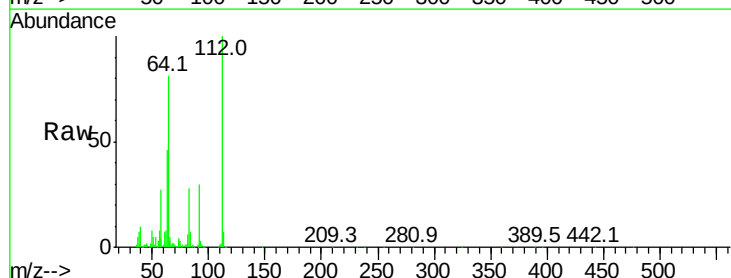
Tot Ion	Ratio	Lower	Upper
152	100		
150	130.9	114.0	171.0
115	58.9	48.1	72.1

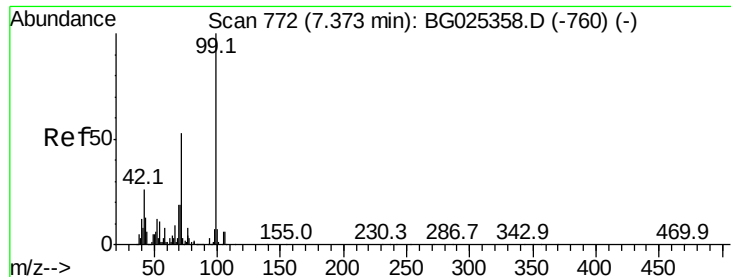


#5

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	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

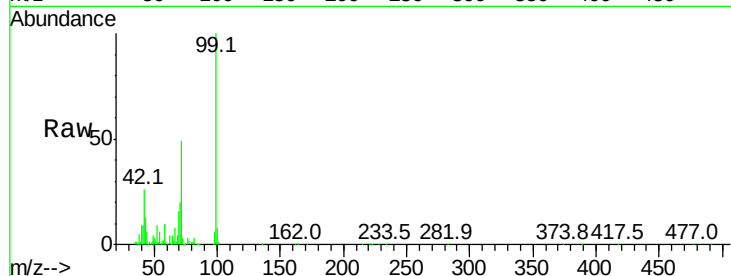
Tot Ion: 99 Resp: 175039

Ion Ratio Lower Upper

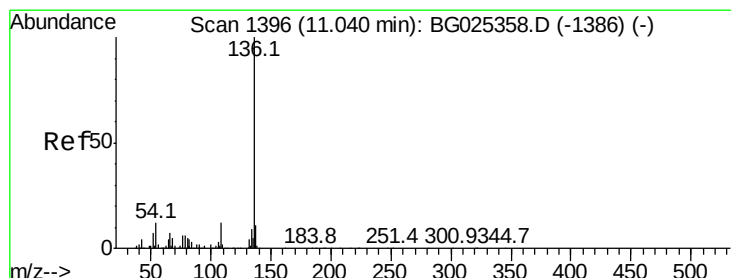
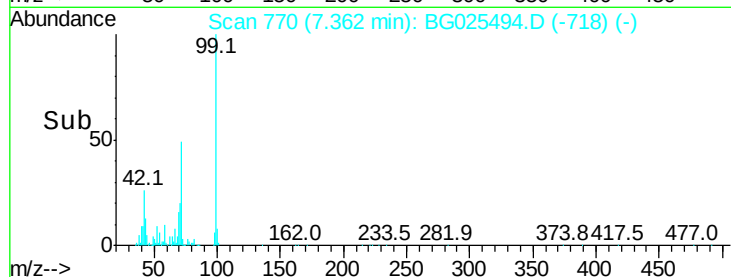
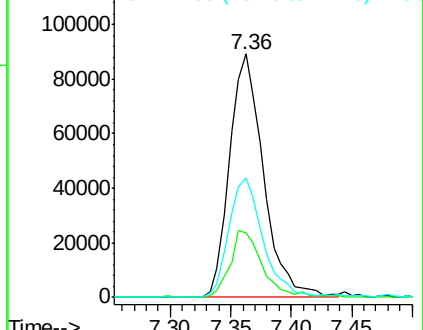
99 100

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



#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

Tgt Ion: 136 Resp: 242012

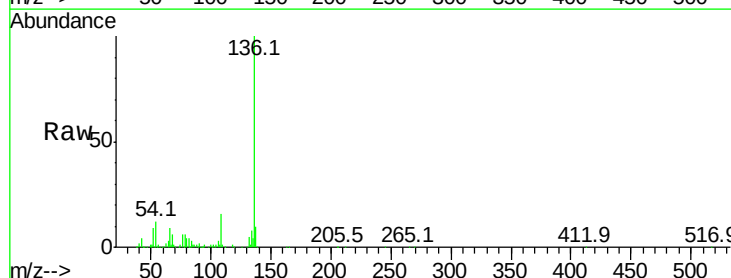
Ion Ratio Lower Upper

136 100

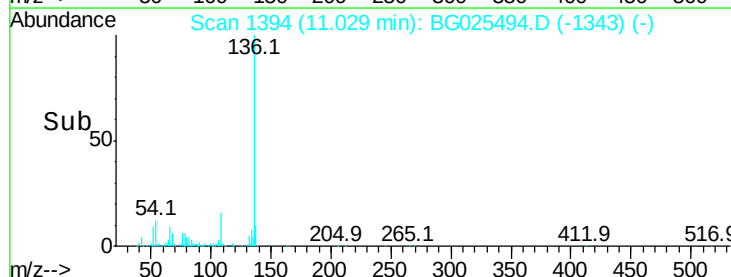
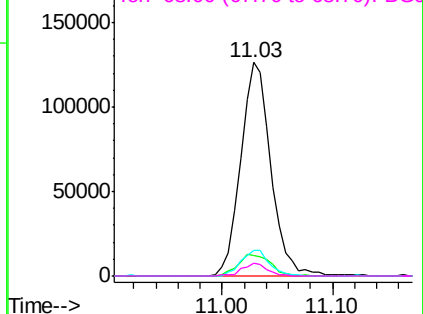
137 9.9 8.9 13.3

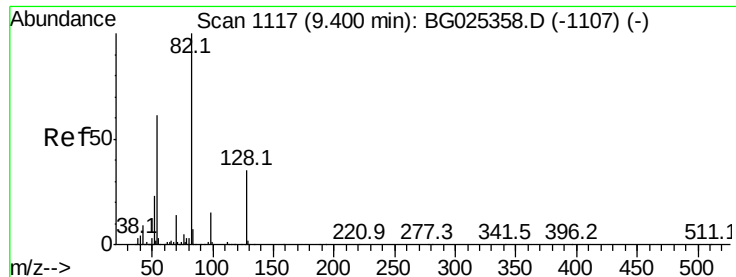
54 11.7 9.3 13.9

68 6.1 5.1 7.7



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

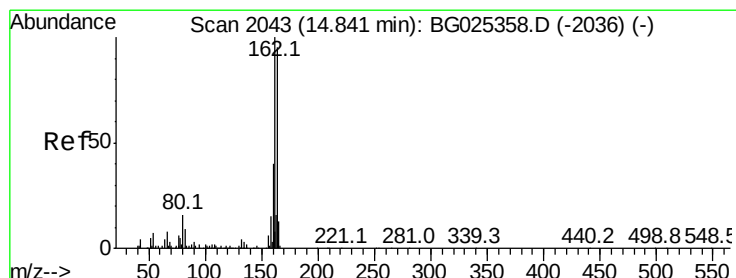
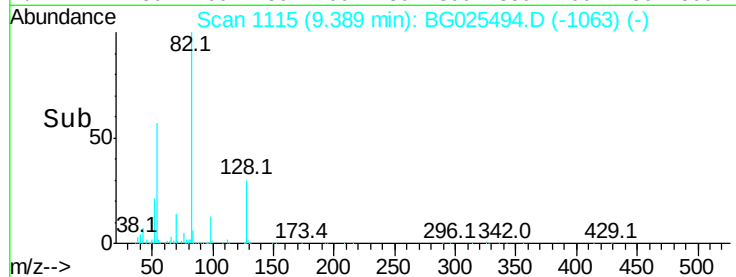
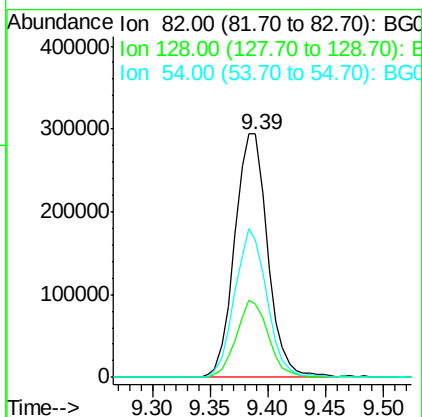
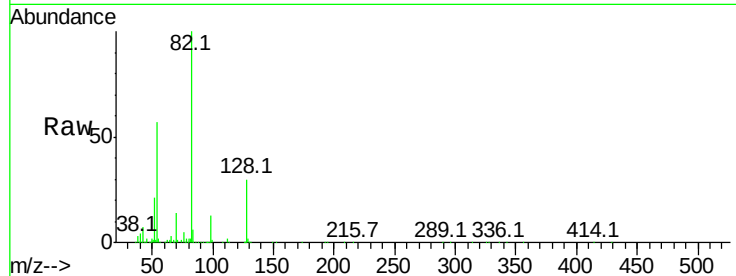




#23
 Nitrobenzene-d5
 Concen: 106.45 ng
 RT: 9.39 min Scan# 1115
 Delta R.T. 0.01 min
 Lab File: BG025494.D
 Acq: 12 Jan 2017 22:54

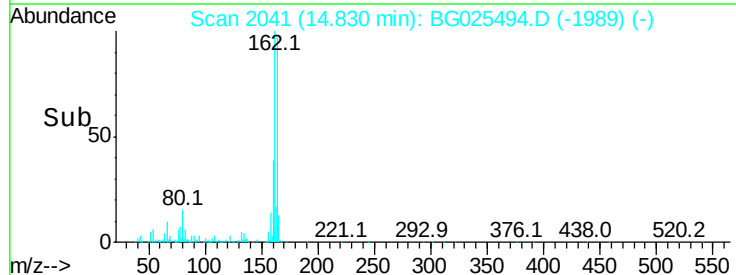
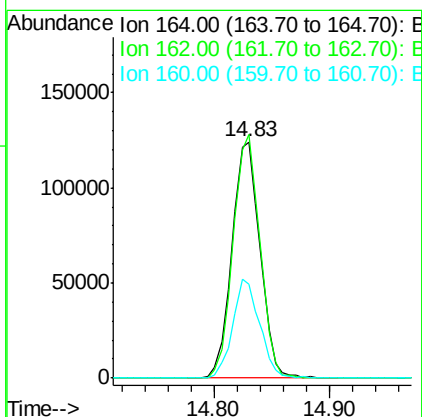
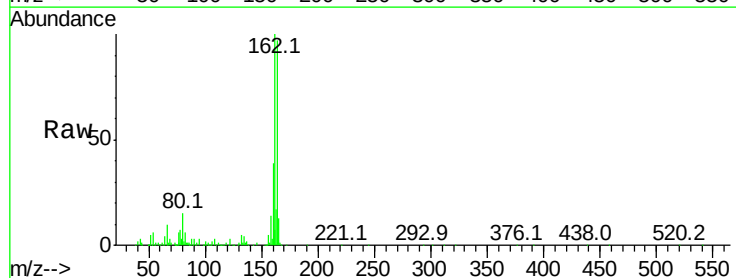
Instrument :
 BNA_G
 ClientSampleId :
 W-21

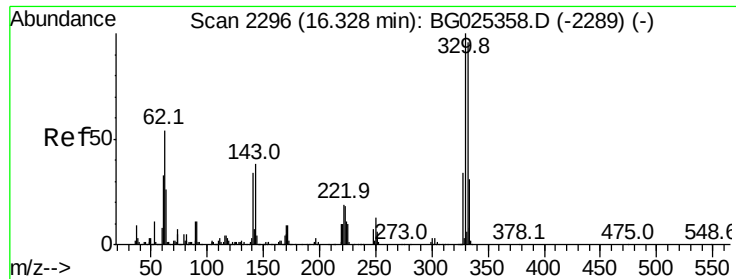
Tot Ion	Ratio	Lower	Upper
82	100		
128	30.2	26.4	39.6
54	56.5	49.4	74.2



#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

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	85.1	127.7
160	39.8	34.7	52.1





#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

ClientSampleId :

W-21

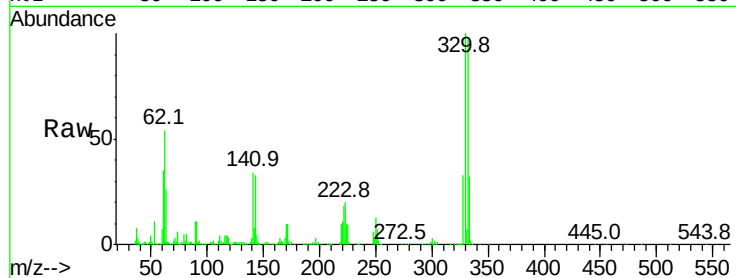
Tot Ion:330 Resp: 488727

Ion	Ratio	Lower	Upper
330	100		
332	99.3	77.3	115.9
141	34.0	32.1	48.1

330 100

332 99.3 77.3 115.9

141 34.0 32.1 48.1

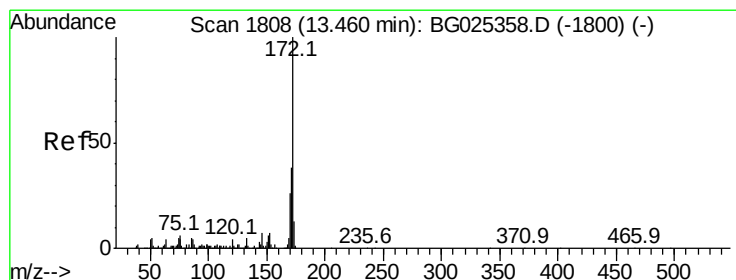
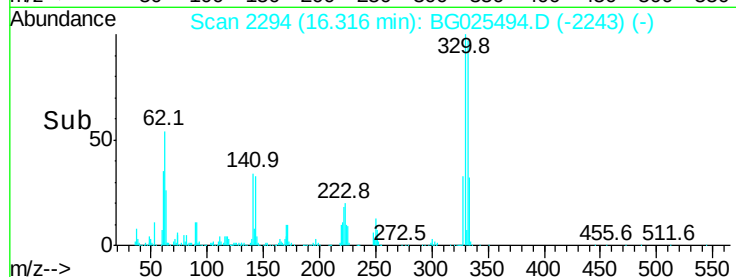
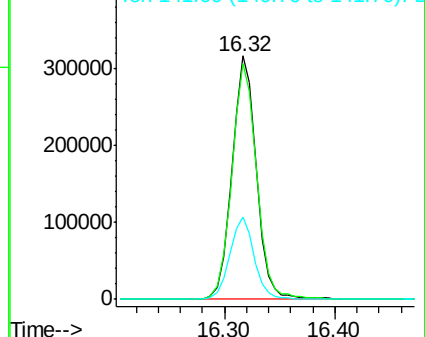


Abundance

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: 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

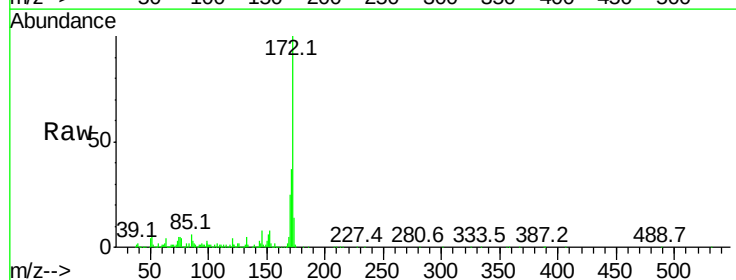
Tgt Ion:172 Resp: 1268165

Ion	Ratio	Lower	Upper
172	100		
171	36.8	32.2	48.2
170	24.5	21.8	32.6

172 100

171 36.8 32.2 48.2

170 24.5 21.8 32.6

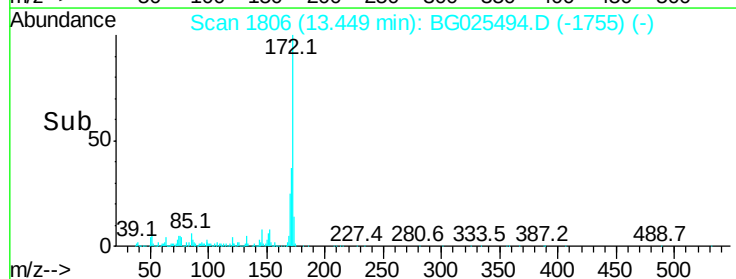
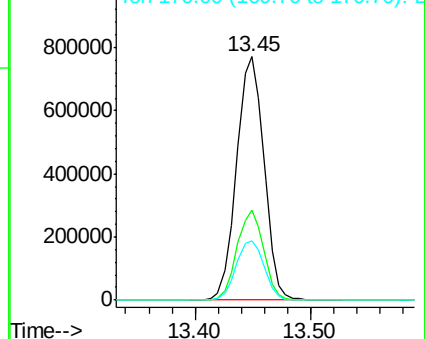


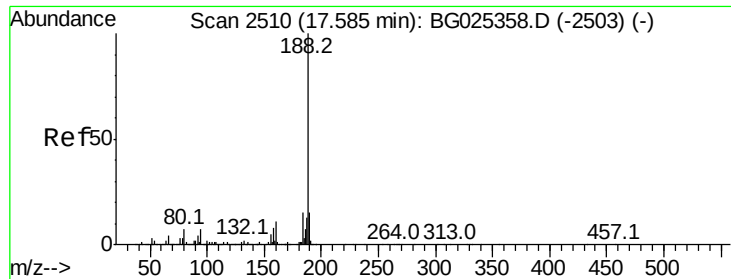
Abundance

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





#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

Instrument :

BNA_G

ClientSampleId :

W-21

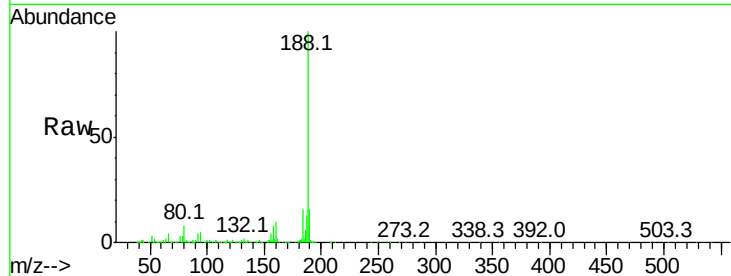
Tot Ion:188 Resp: 468227

Ion Ratio Lower Upper

188 100

94 5.3 5.8 8.8#

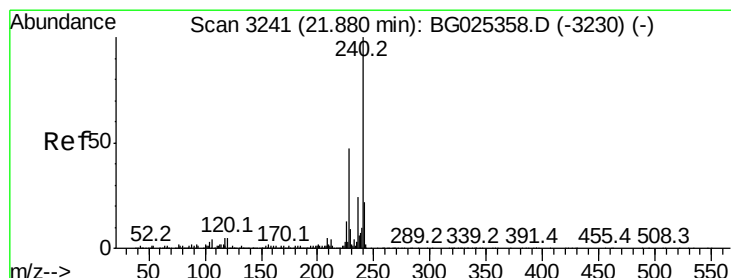
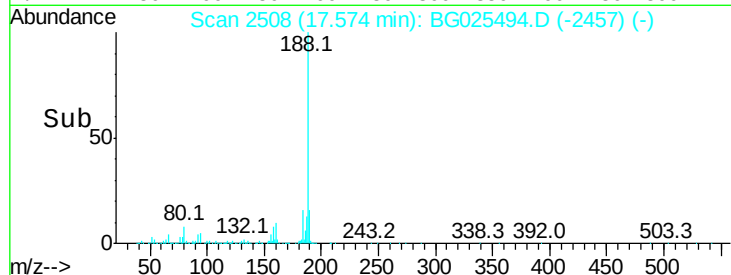
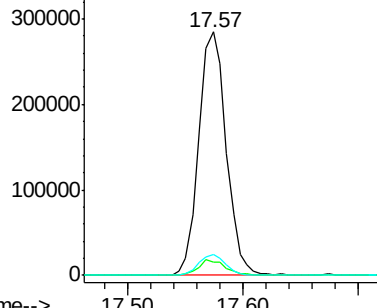
80 8.5 7.5 11.3



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

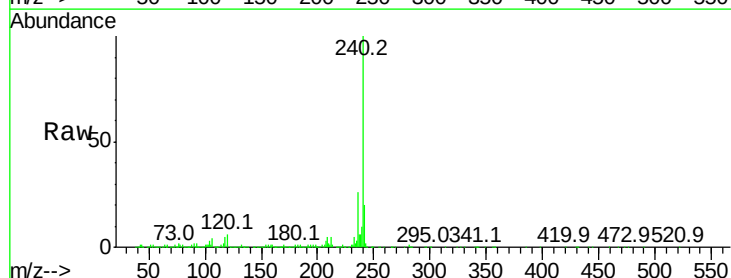
Tgt Ion:240 Resp: 669272

Ion Ratio Lower Upper

240 100

120 5.8 5.7 8.5

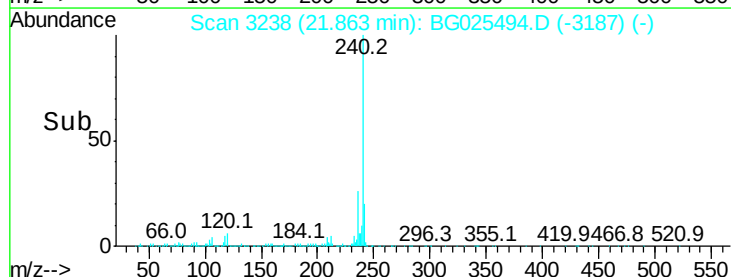
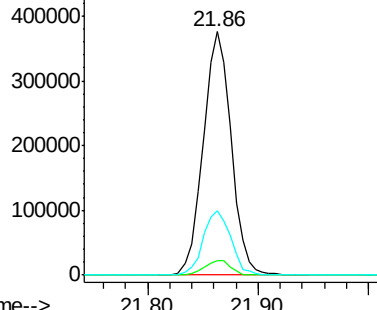
236 26.3 22.2 33.4

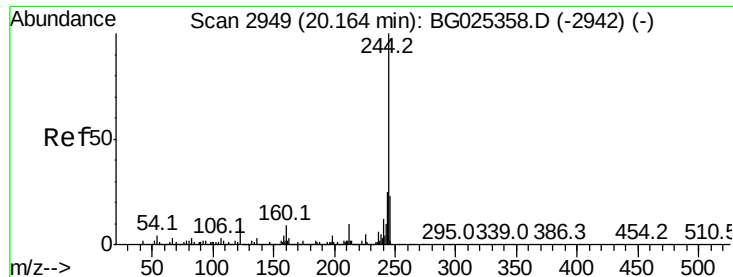


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 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

Instrument :

BNA_G

ClientSampleId :

W-21

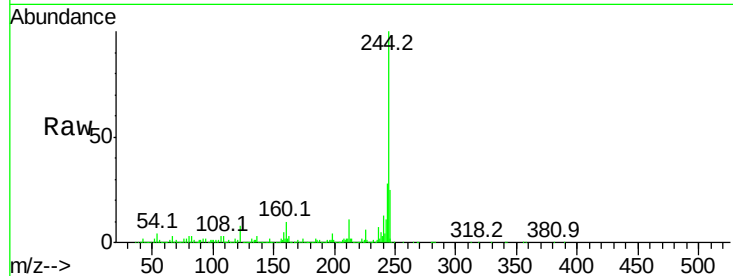
Tot Ion:244 Resp: 2491743

Ion Ratio Lower Upper

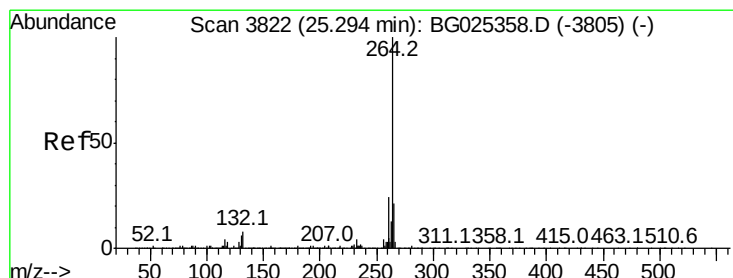
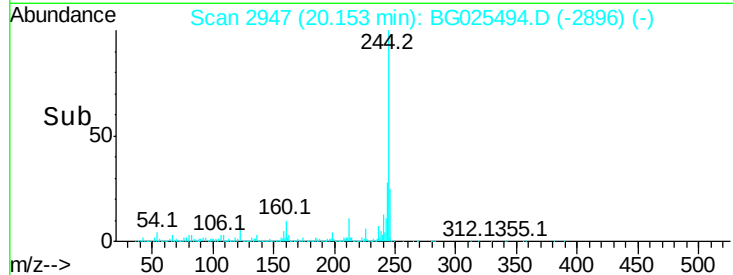
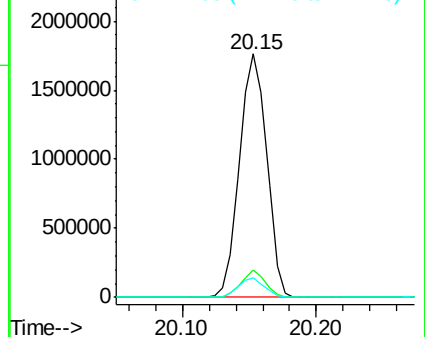
244 100

212 11.1 10.0 15.0

122 8.2 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: BG025494.D

Acq: 12 Jan 2017 22:54

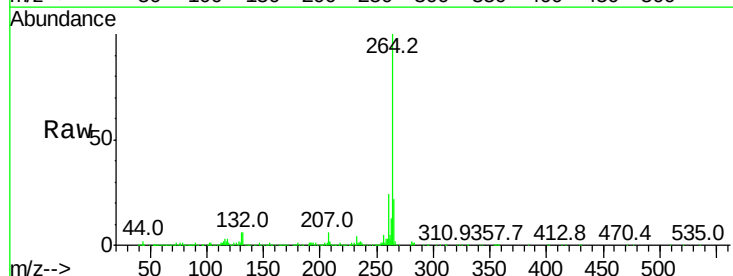
Tgt Ion:264 Resp: 705985

Ion Ratio Lower Upper

264 100

260 23.6 21.8 32.8

265 22.3 18.2 27.4



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

