

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040518\
 Data File : BG033615.D
 Acq On : 6 Apr 2018 5:36
 Operator : SJ/JU
 Sample : J2211-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 06 06:59:42 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 05 17:36:07 2018
 Response via : Initial Calibration

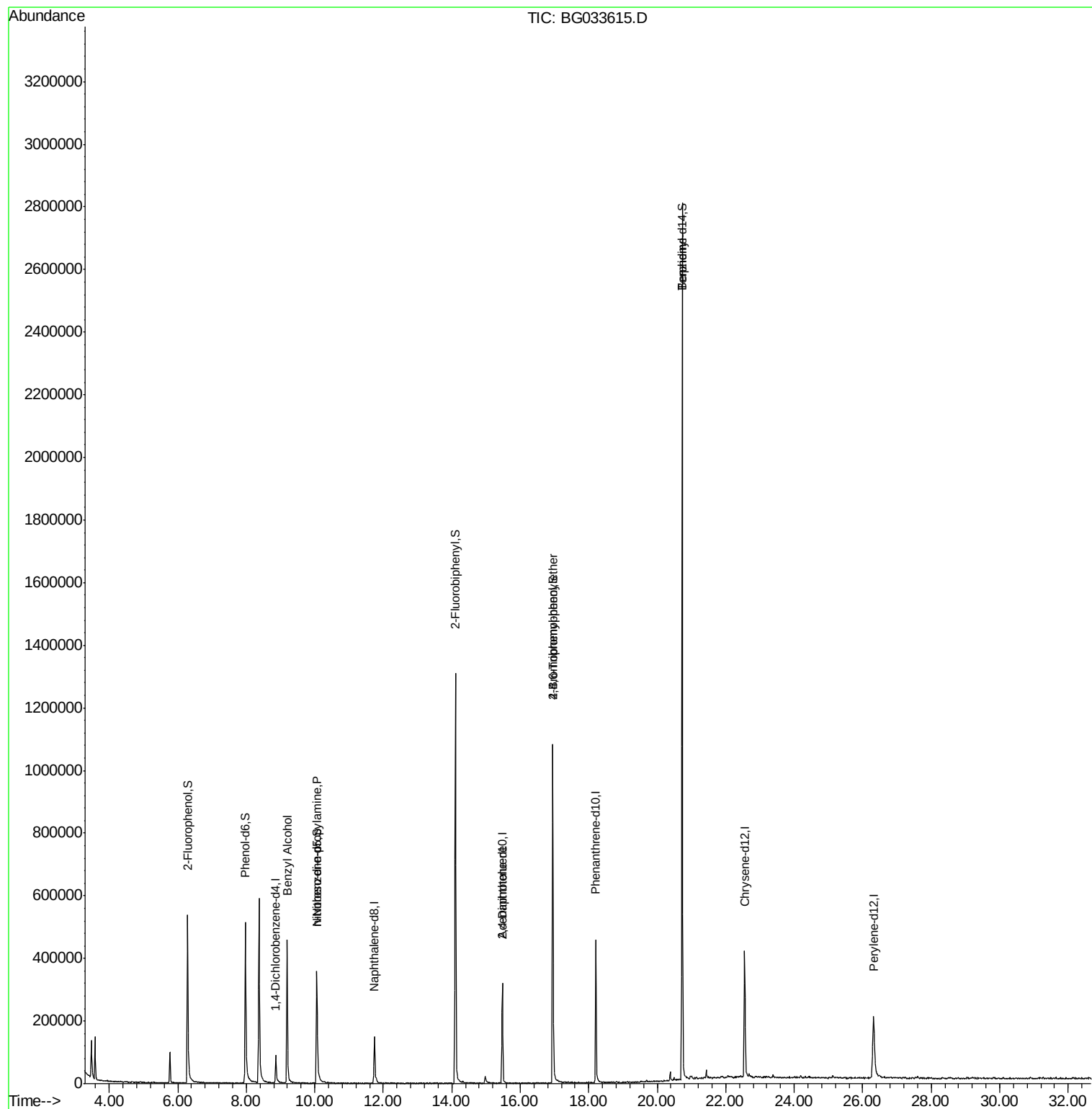
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	32122	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	149181	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	121140	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	319971	20.00	ng	0.00
75) Chrysene-d12	22.55	240	315456	20.00	ng	0.00
86) Perylene-d12	26.32	264	311445	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	264673	154.50	ng	0.00
7) Phenol-d6	7.97	99	378199	128.49	ng	0.00
23) Nitrobenzene-d5	10.06	82	299260	92.16	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	213256	117.70	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	734423	87.52	ng	0.00
78) Terphenyl-d14	20.73	244	1396685	94.69	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	4798	2.070	ng	# 39
19) n-Nitroso-di-n-propylamine	10.06	70	39202	18.176	ng	# 72
56) 2,4-Dinitrotoluene	15.47	165	15519	4.889	ng	# 19
66) 4-Bromophenyl-phenylether	16.95	248	17180	4.572	ng	# 1
76) Benzidine	20.73	184	23619	2.761	ng	# 90

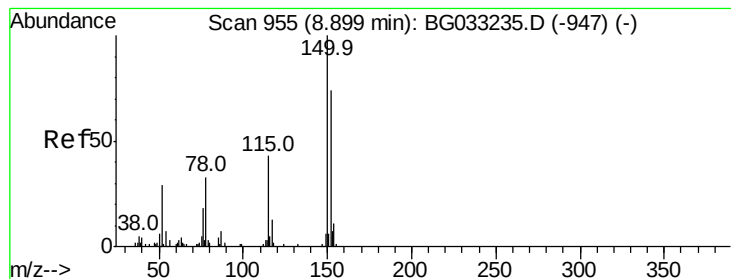
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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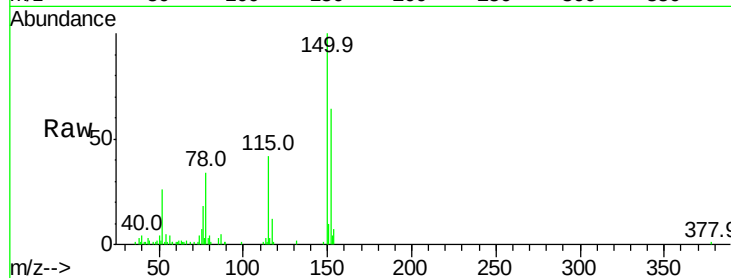




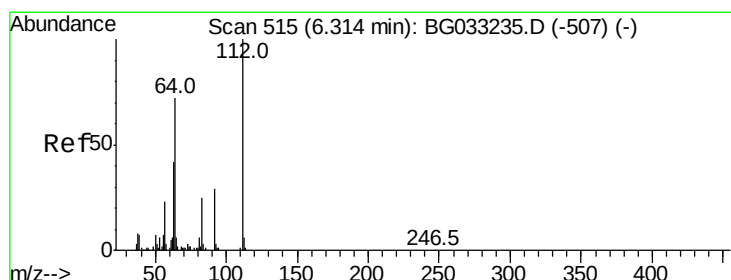
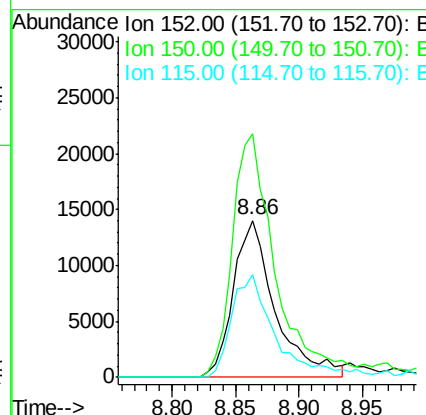
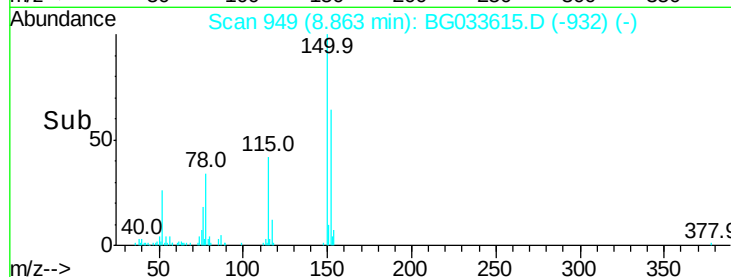
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.86 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BG033615.D
 Acq: 6 Apr 2018 5:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 32122
 Ion Ratio Lower Upper
 152 100
 150 155.5 126.6 189.8
 115 65.8 53.0 79.4

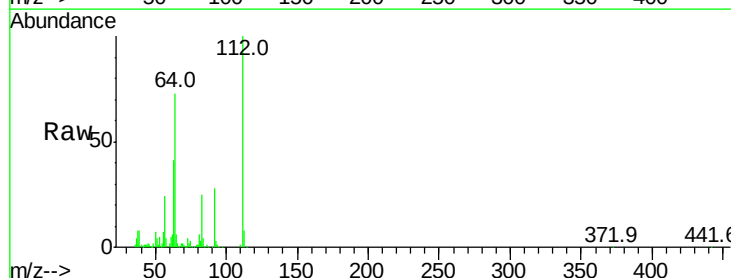


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

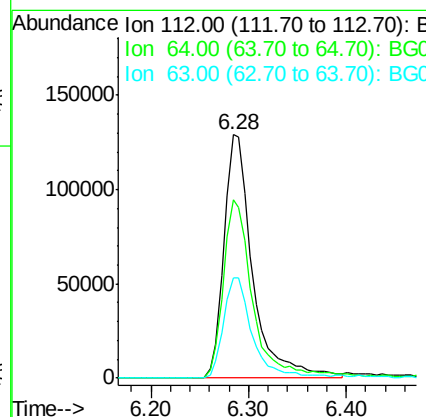
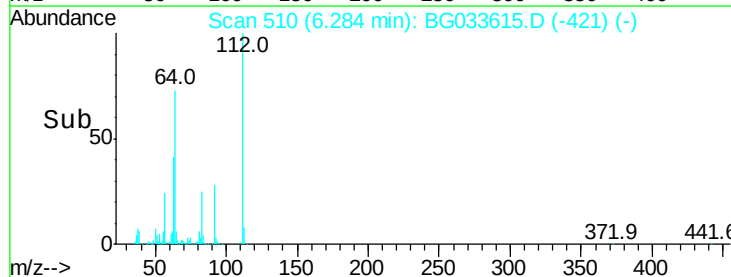


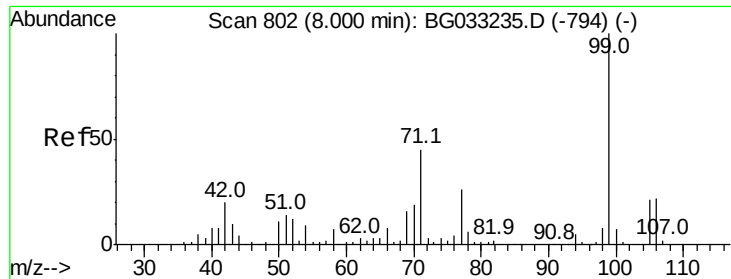
#5
 2-Fluorophenol
 Concen: 154.503 ng
 RT: 6.28 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BG033615.D
 Acq: 6 Apr 2018 5:36

Tgt Ion:112 Resp: 264673
 Ion Ratio Lower Upper
 112 100
 64 73.4 56.3 84.5
 63 41.4 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG0
 Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 128.491 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.00 min

Lab File: BG033615.D

Acq: 6 Apr 2018 5:36

Instrument :

BNA_F

ClientSampleId :

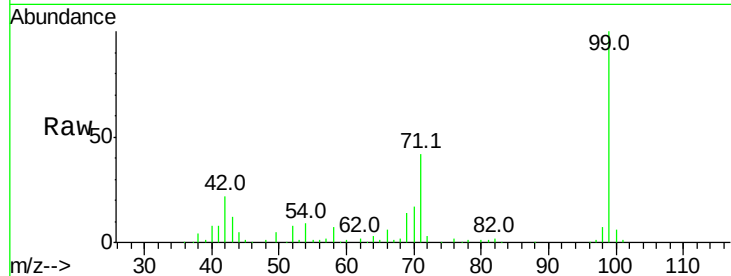
Tot Ion: 99 Resp: 378199

Ion Ratio Lower Upper

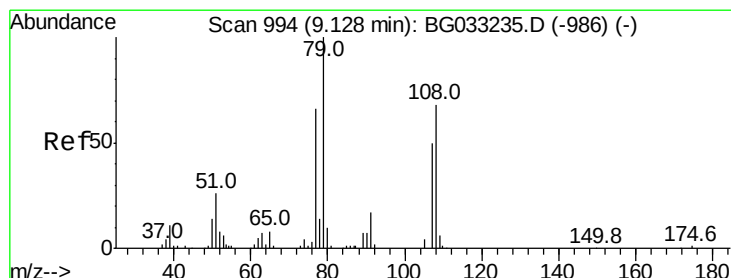
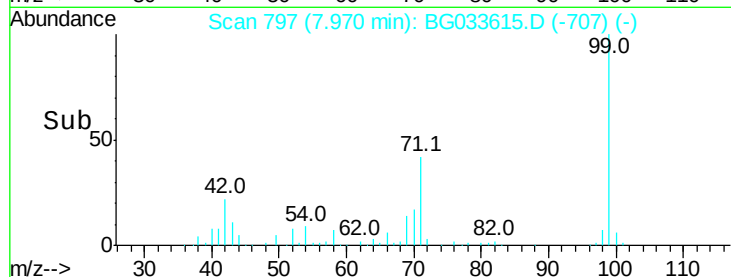
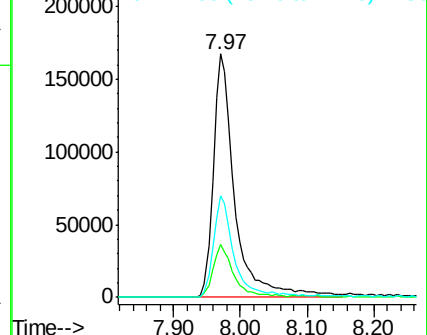
99 100

42 21.6 14.1 21.1#

71 41.6 26.1 39.1#



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: 2.070 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.09 min

Lab File: BG033615.D

Acq: 6 Apr 2018 5:36

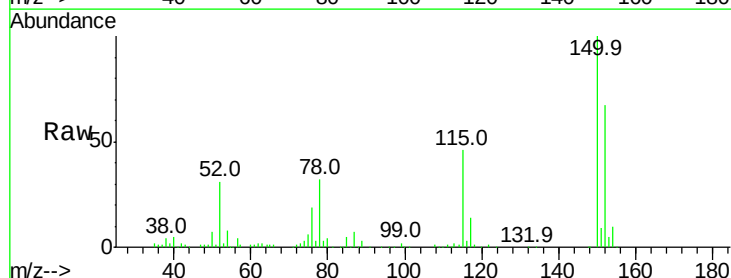
Tgt Ion: 79 Resp: 4798

Ion Ratio Lower Upper

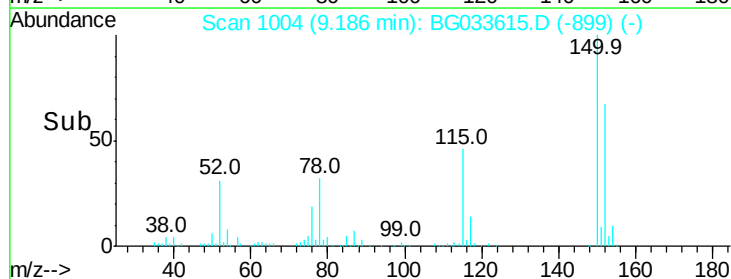
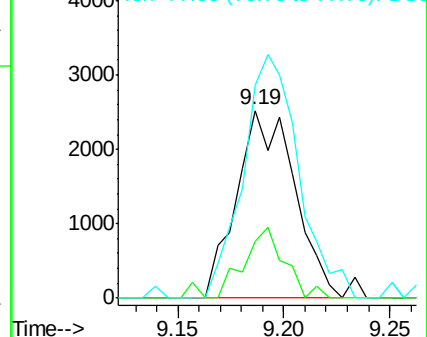
79 100

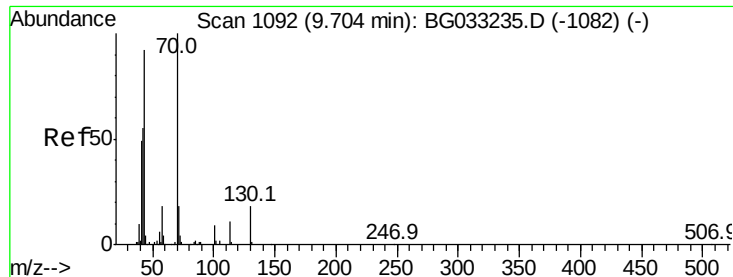
108 30.5 57.2 85.8#

77 113.9 46.1 69.1#



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

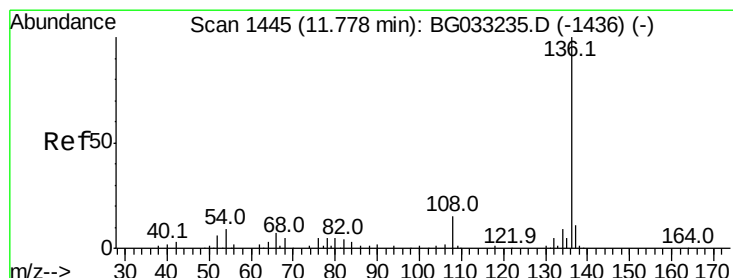
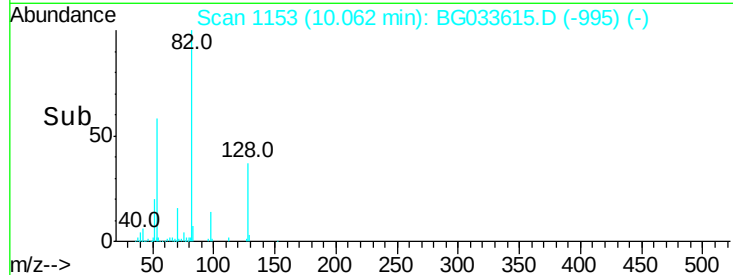
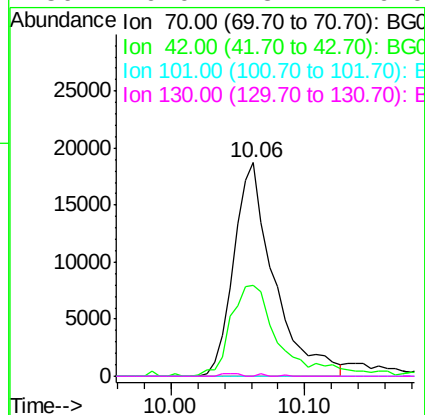
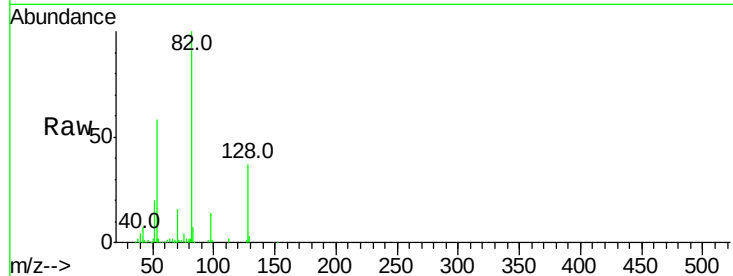




#19
n-Nitroso-di-n-propylamine
Concen: 18.176 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.40 min
Lab File: BG033615.D
Acq: 6 Apr 2018 5:36

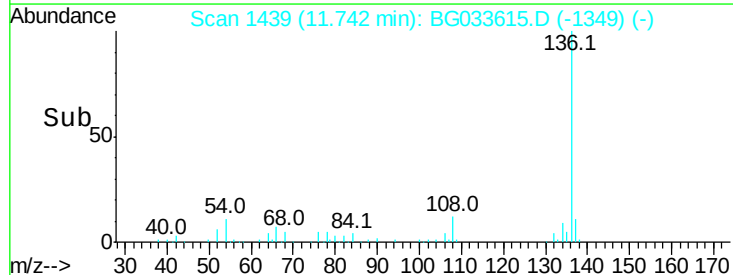
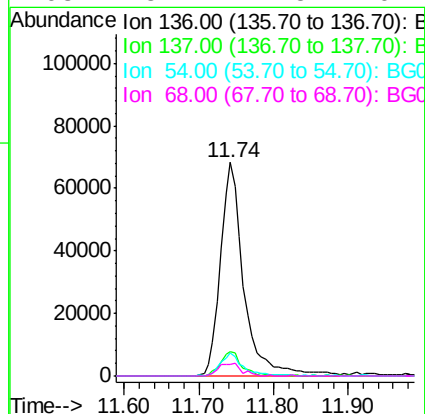
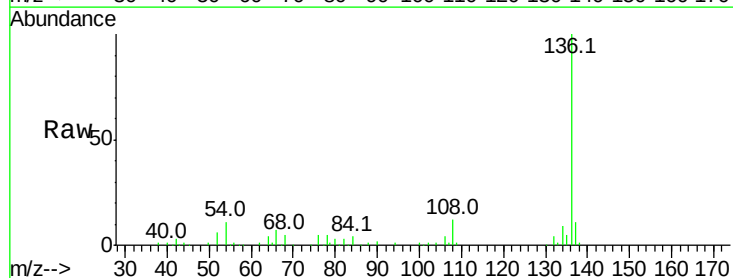
Instrument :
BNA_F
ClientSampleId :

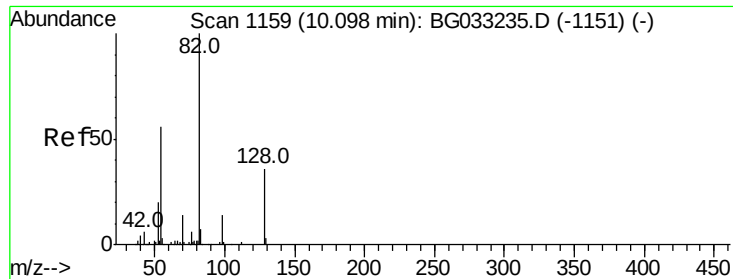
Tot Ion: 70 Resp: 39202
Ion Ratio Lower Upper
70 100
42 42.3 49.1 73.7#
101 0.0 8.5 12.7#
130 0.0 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BG033615.D
Acq: 6 Apr 2018 5:36

Tgt Ion: 136 Resp: 149181
Ion Ratio Lower Upper
136 100
137 11.4 9.2 13.8
54 10.6 10.3 15.5
68 5.4 4.5 6.7

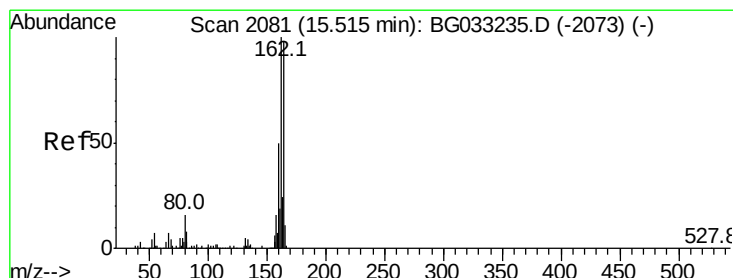
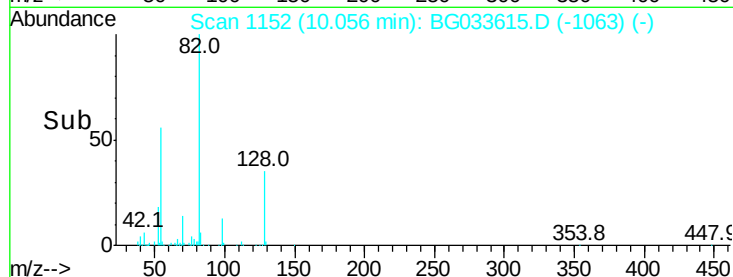
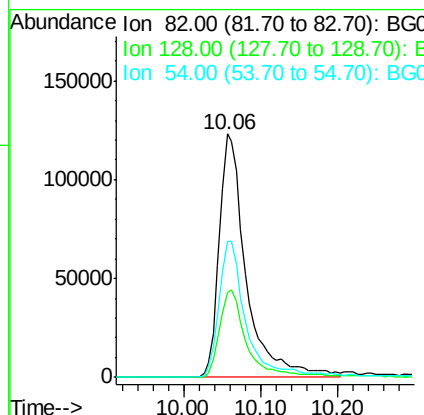
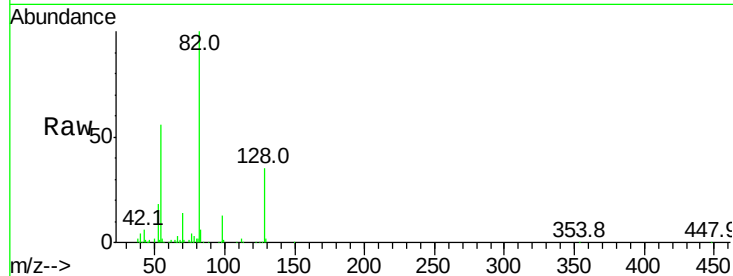




#23
 Nitrobenzene-d5
 Concen: 92.165 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BG033615.D
 Acq: 6 Apr 2018 5:36

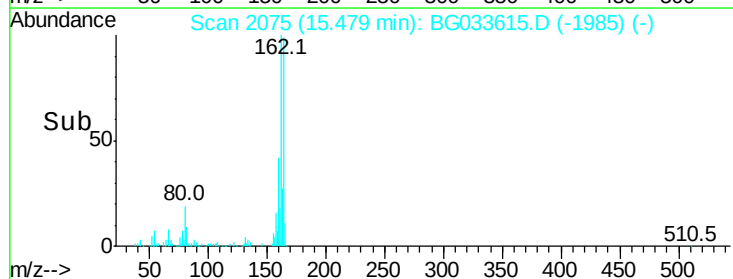
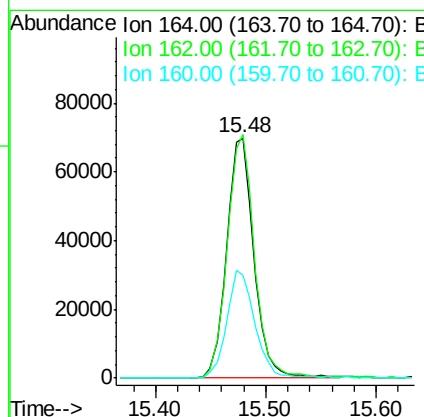
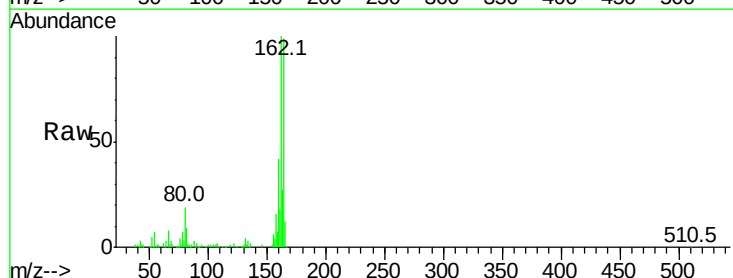
Instrument :
 BNA_F
 ClientSampleId :

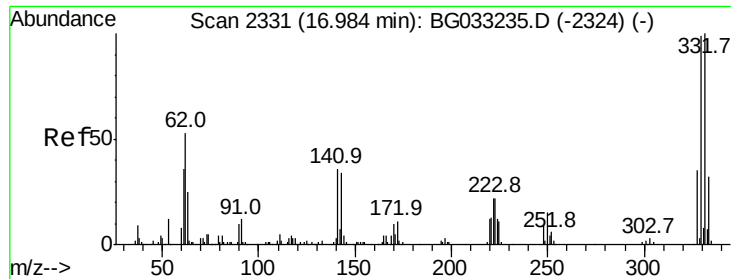
Tot Ion	82	Resp	299260
Ion	Ratio	Lower	Upper
82	100		
128	35.0	29.7	44.5
54	55.7	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.00 min
 Lab File: BG033615.D
 Acq: 6 Apr 2018 5:36

Tgt Ion	164	Resp	121140
Ion	Ratio	Lower	Upper
164	100		
162	101.5	78.8	118.2
160	42.9	35.4	53.0

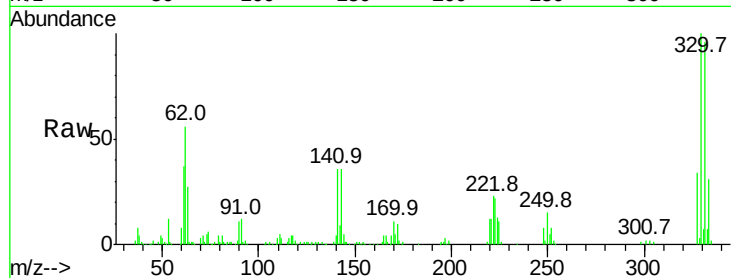




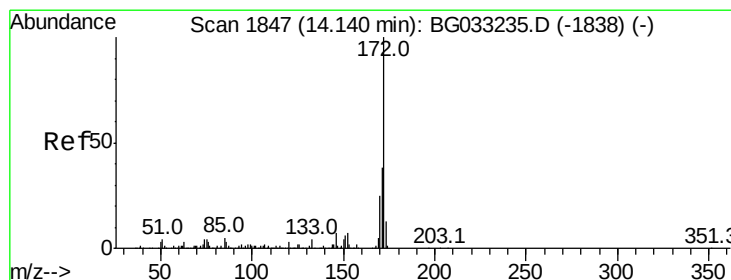
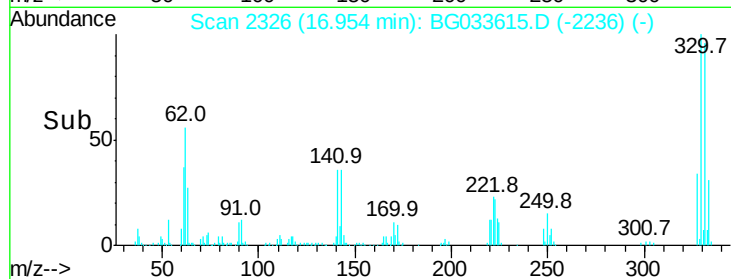
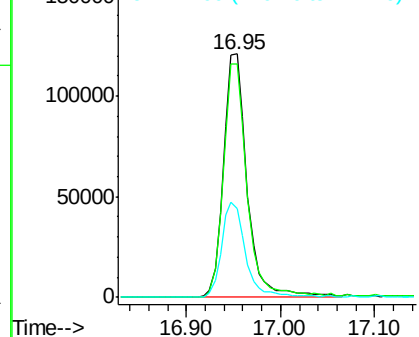
#41
 2,4,6-Tribromophenol
 Concen: 117.705 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033615.D
 Acq: 6 Apr 2018 5:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	38.8	25.2	37.8#

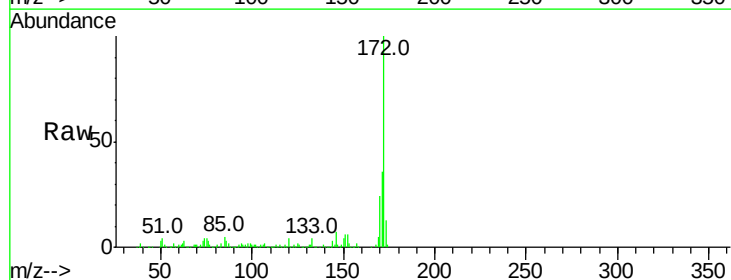


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

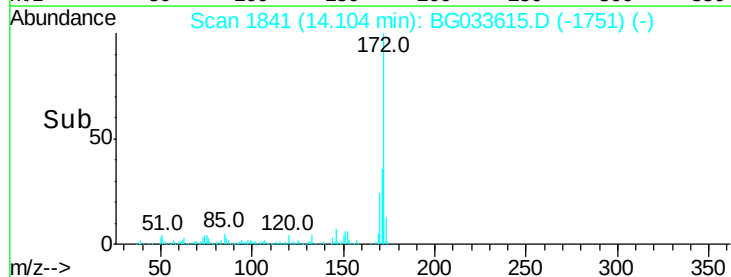
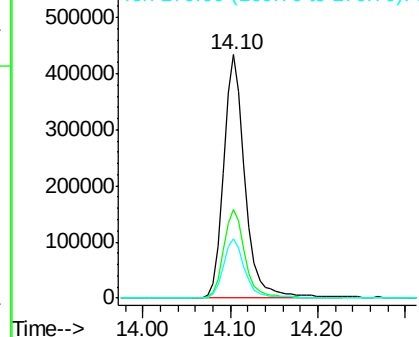


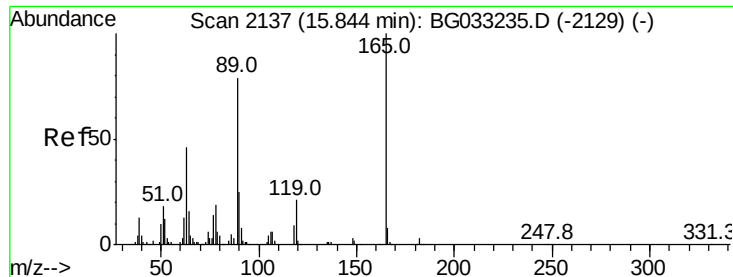
#44
 2-Fluorobiphenyl
 Concen: 87.522 ng
 RT: 14.10 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BG033615.D
 Acq: 6 Apr 2018 5:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.0	45.0
170	24.1	19.5	29.3



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

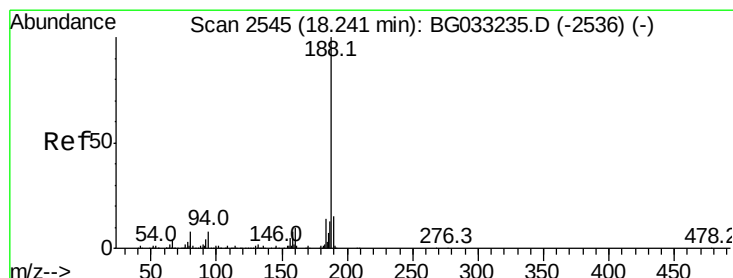
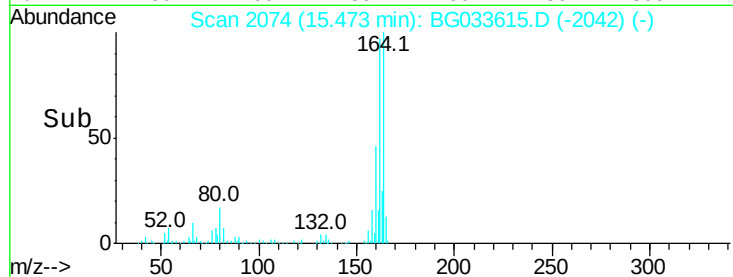
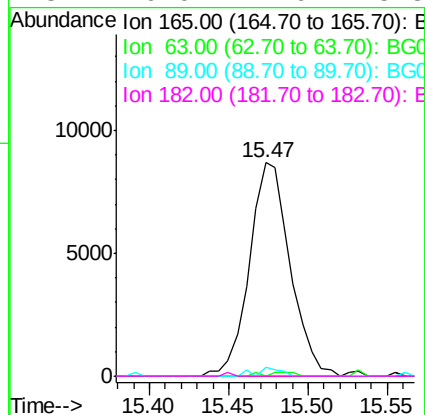
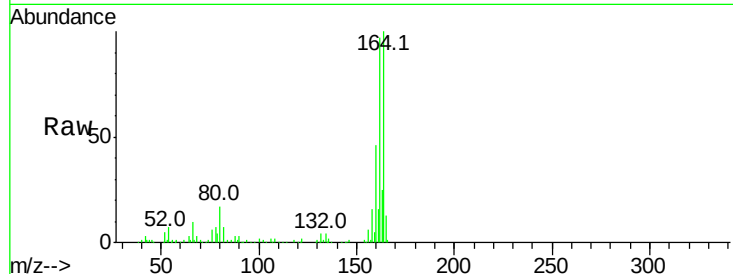




#56
2,4-Dinitrotoluene
Concen: 4.889 ng
RT: 15.47 min Scan# 2074
Delta R.T. -0.34 min
Lab File: BG033615.D
Acq: 6 Apr 2018 5:36

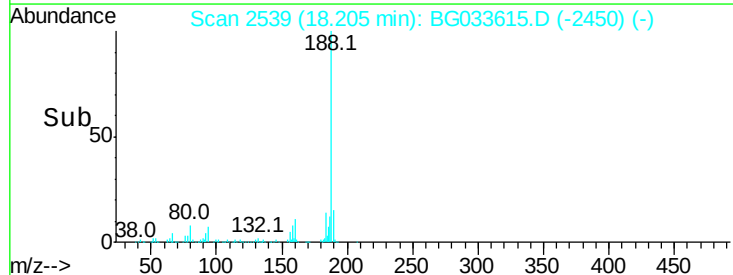
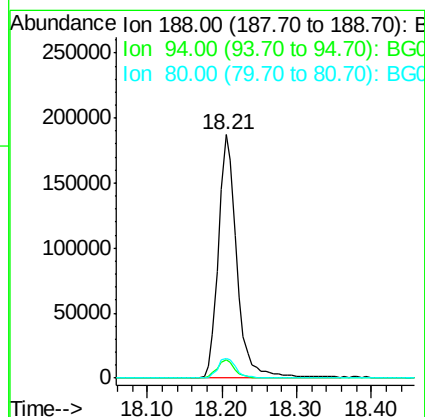
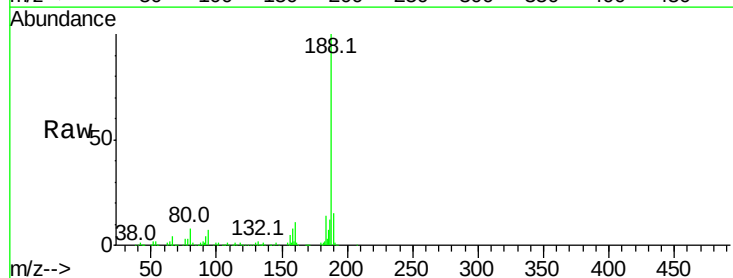
Instrument :
BNA_F
ClientSampleId :

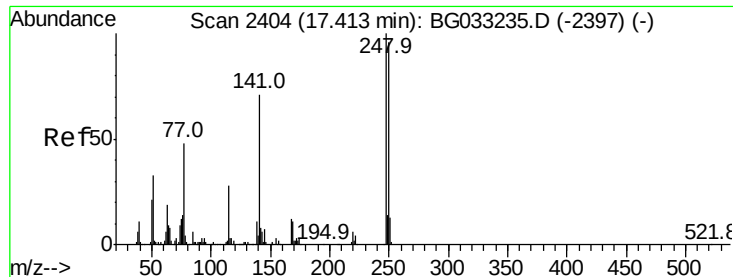
Tot Ion:165 Resp: 15519
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 4.3 66.9 100.3#
182 0.0 2.6 3.8#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BG033615.D
Acq: 6 Apr 2018 5:36

Tgt Ion:188 Resp: 319971
Ion Ratio Lower Upper
188 100
94 7.5 6.9 10.3
80 8.0 7.7 11.5

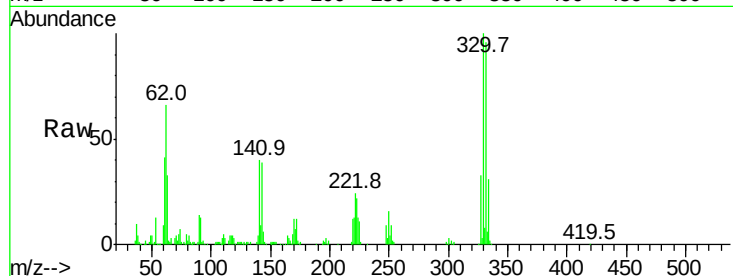




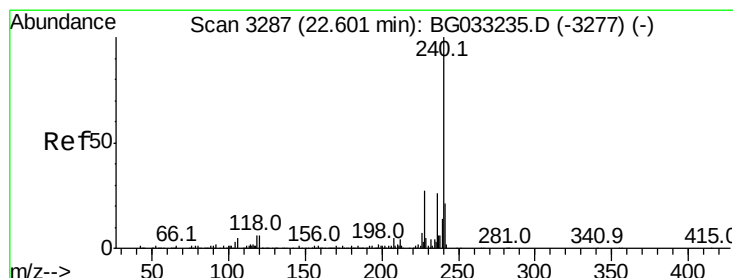
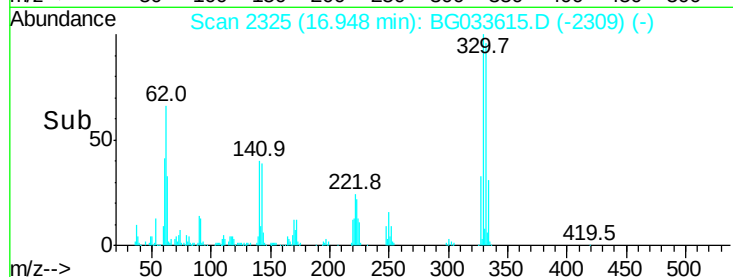
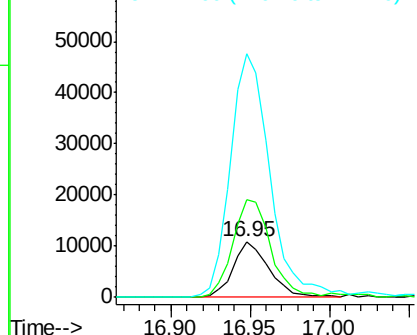
#66
4-Bromophenyl-phenylether
Concen: 4.572 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.44 min
Lab File: BG033615.D
Acq: 6 Apr 2018 5:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 17180
Ion Ratio Lower Upper
248 100
250 176.5 77.1 115.7#
141 437.4 50.8 76.2#

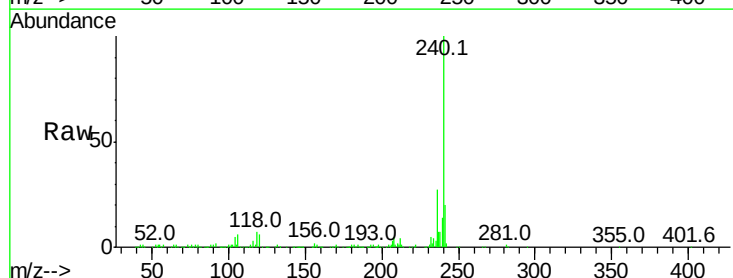


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

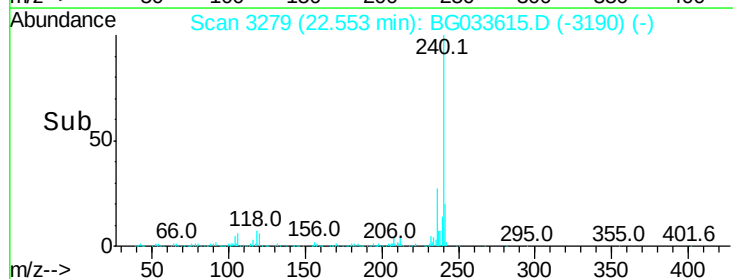
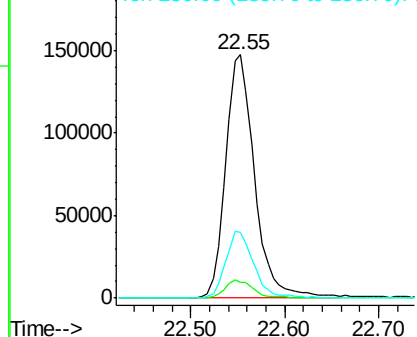


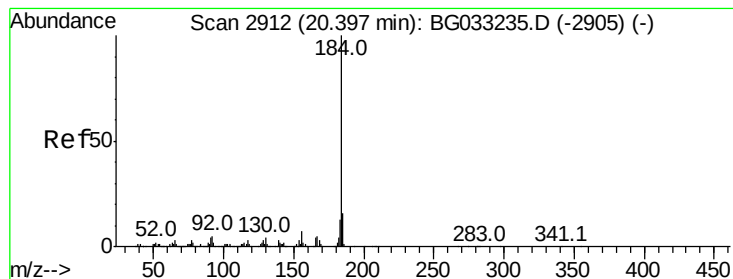
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.01 min
Lab File: BG033615.D
Acq: 6 Apr 2018 5:36

Tgt Ion:240 Resp: 315456
Ion Ratio Lower Upper
240 100
120 6.3 6.8 10.2#
236 27.1 20.9 31.3



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





#76

Benzidine

Concen: 2.761 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.36 min

Lab File: BG033615.D

Acq: 6 Apr 2018 5:36

Instrument :

BNA_F

ClientSampleId :

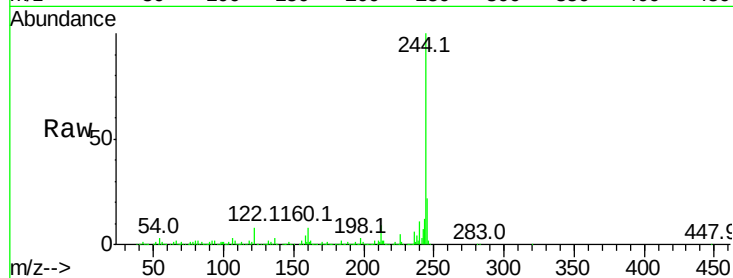
Tot Ion:184 Resp: 23619

Ion Ratio Lower Upper

184 100

185 17.5 11.1 16.7#

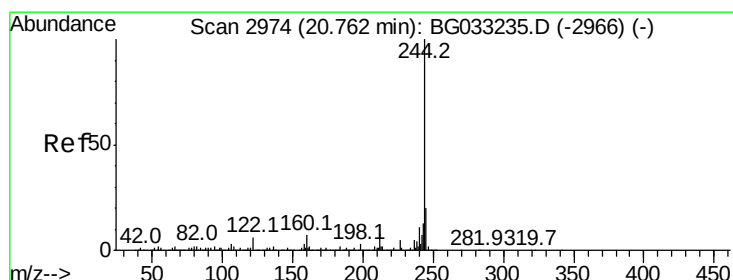
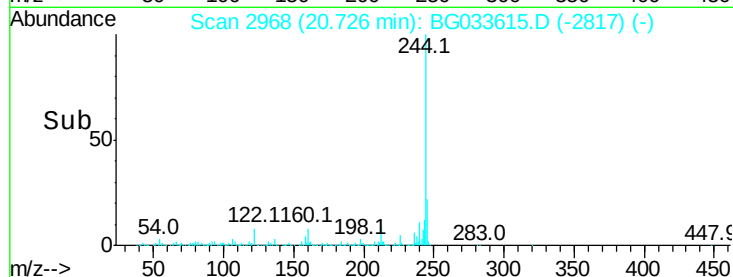
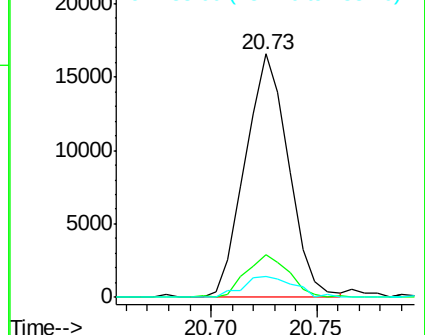
183 8.6 10.6 16.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 94.687 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.00 min

Lab File: BG033615.D

Acq: 6 Apr 2018 5:36

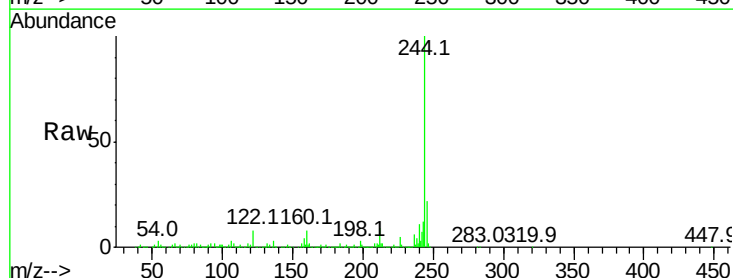
Tgt Ion:244 Resp: 1396685

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

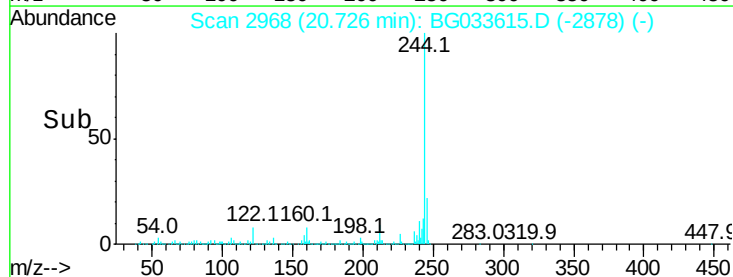
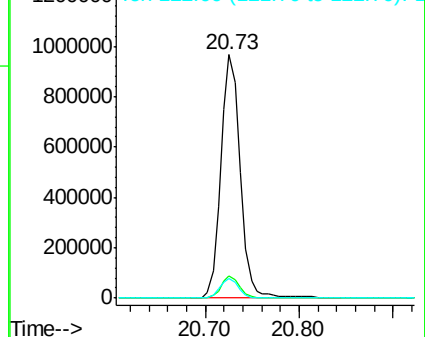
122 7.9 7.0 10.4

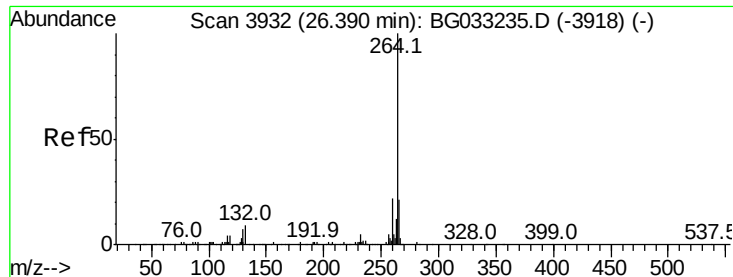


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

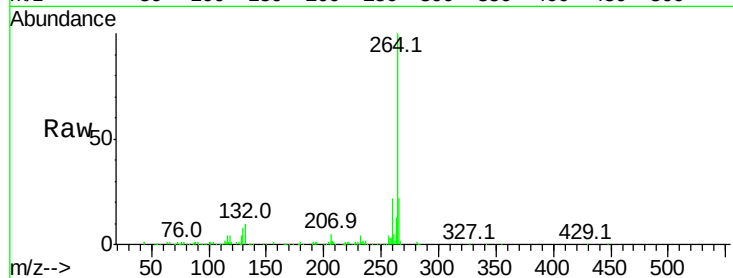




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.32 min Scan# 3920
Delta R.T. -0.00 min
Lab File: BG033615.D
Acq: 6 Apr 2018 5:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.7	17.4	26.0
265	22.0	17.7	26.5



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

