

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
 Data File : BG033695.D
 Acq On : 10 Apr 2018 1:25
 Operator : SJ/JU
 Sample : J2282-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 10 06:03:02 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

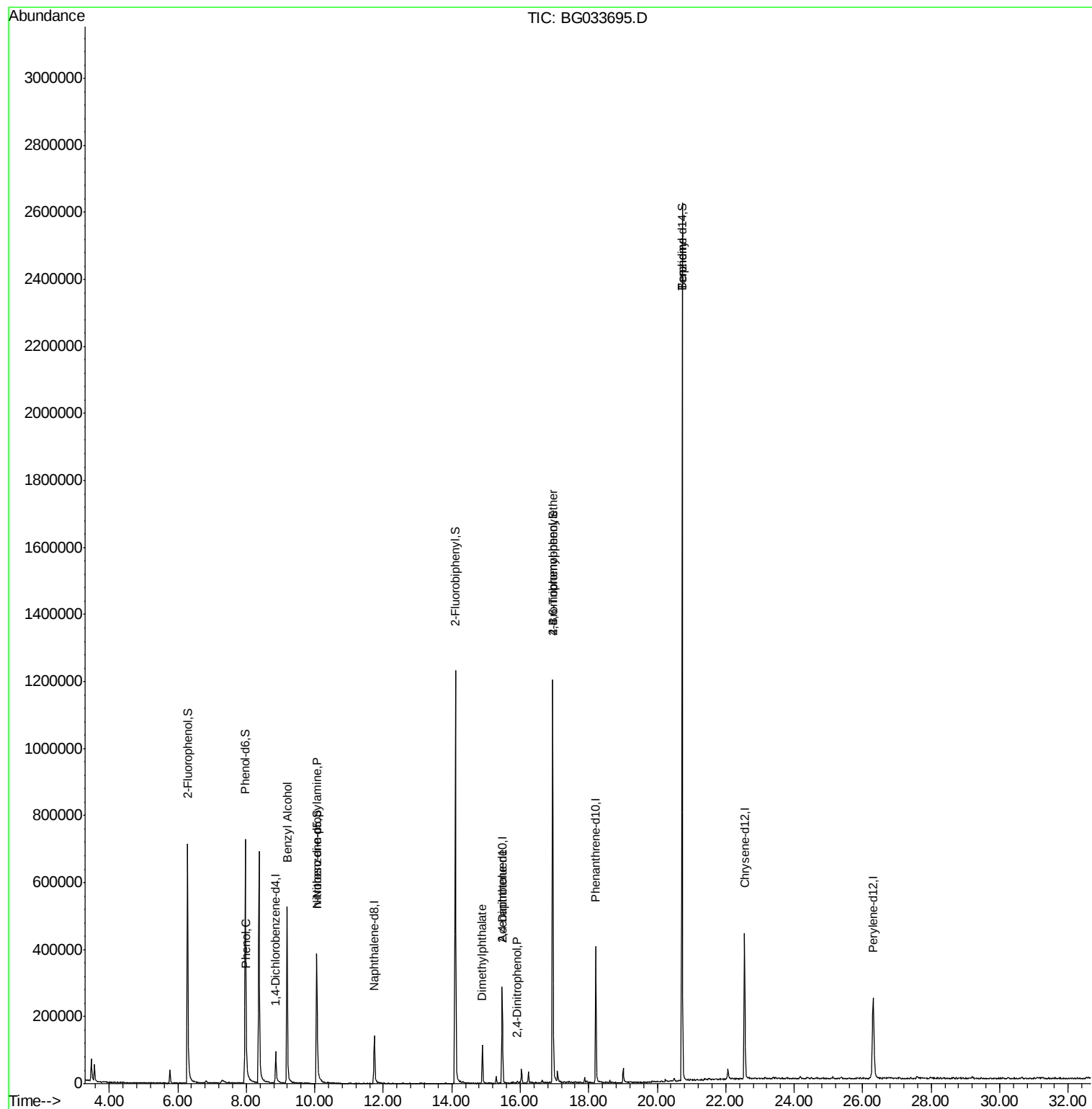
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	33798	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	142686	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	105943	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	288534	20.00	ng	0.00
75) Chrysene-d12	22.55	240	305852	20.00	ng	-0.01
86) Perylene-d12	26.31	264	324006	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	341057	189.22	ng	0.00
7) Phenol-d6	7.97	99	499390	161.25	ng	0.00
23) Nitrobenzene-d5	10.06	82	311262	100.22	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	228330	144.10	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	684199	93.23	ng	0.00
78) Terphenyl-d14	20.73	244	1298269	90.78	ng	0.00
Target Compounds						
10) Phenol	8.00	94	17464	5.712	ng	# 60
15) Benzyl Alcohol	9.19	79	5250	2.153	ng	# 47
19) n-Nitroso-di-n-propylamine	10.06	70	41626	18.343	ng	# 80
49) Dimethylphthalate	14.89	163	76472	8.294	ng	# 98
53) 2,4-Dinitrophenol	15.92	184	72	7.710	ng	# 1
56) 2,4-Dinitrotoluene	15.47	165	12491	4.500	ng	# 19
66) 4-Bromophenyl-phenylether	16.95	248	18207	5.373	ng	# 1
76) Benzidine	20.73	184	21581	2.602	ng	# 88

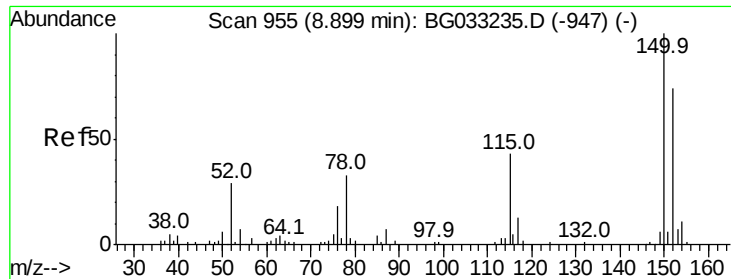
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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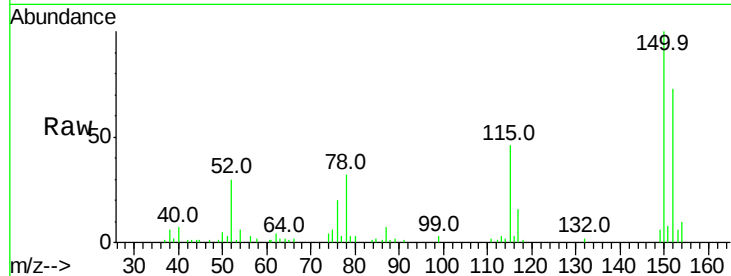


#1

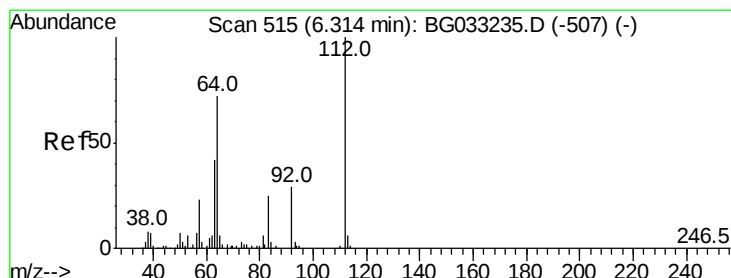
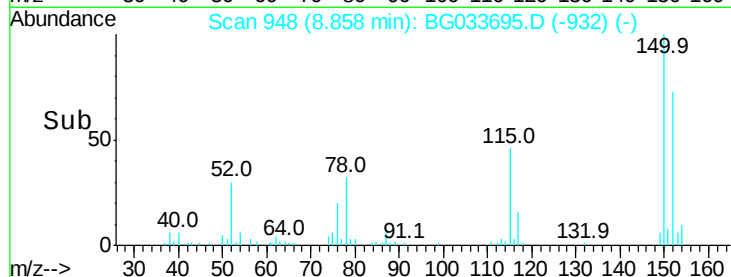
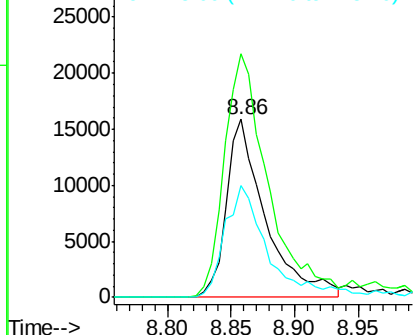
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG033695.D
Acq: 10 Apr 2018 1:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 33798
Ion Ratio Lower Upper
152 100
150 136.6 126.6 189.8
115 62.4 53.0 79.4



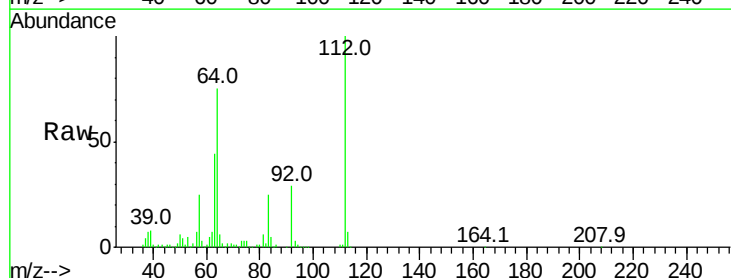
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



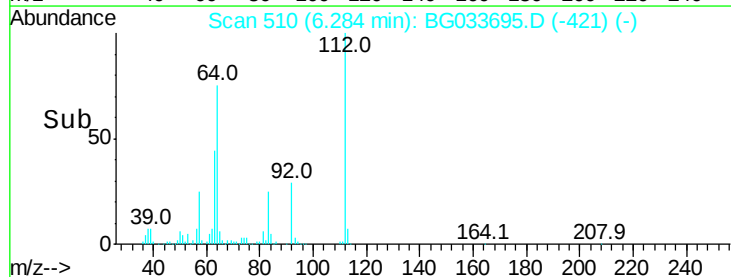
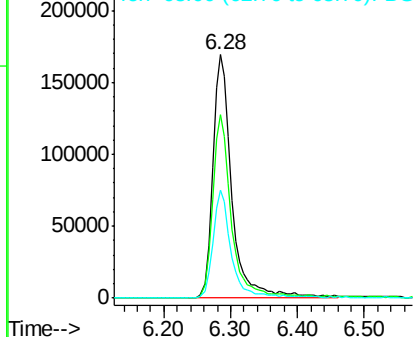
#5

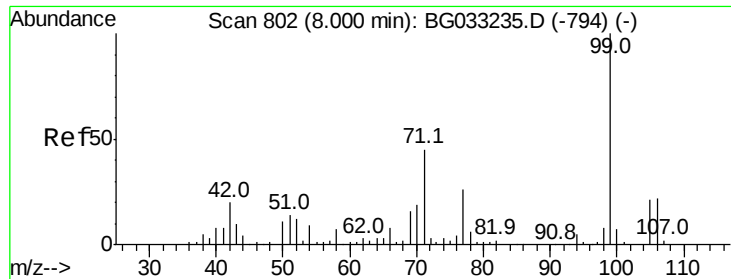
2-Fluorophenol
Concen: 189.219 ng
RT: 6.28 min Scan# 510
Delta R.T. -0.01 min
Lab File: BG033695.D
Acq: 10 Apr 2018 1:25

Tgt Ion:112 Resp: 341057
Ion Ratio Lower Upper
112 100
64 75.3 56.3 84.5
63 44.3 30.1 45.1



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: 161.251 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.00 min

Lab File: BG033695.D

Acq: 10 Apr 2018 1:25

Instrument :

BNA_G

ClientSampleId :

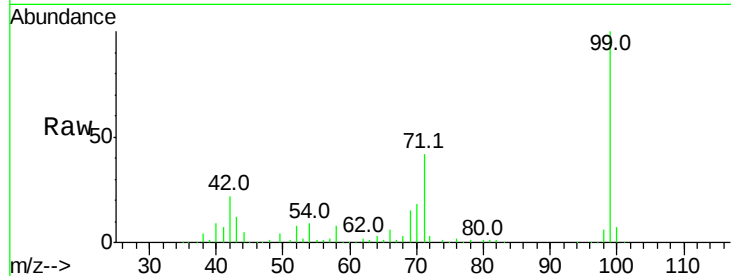
Tot Ion: 99 Resp: 499390

Ion Ratio Lower Upper

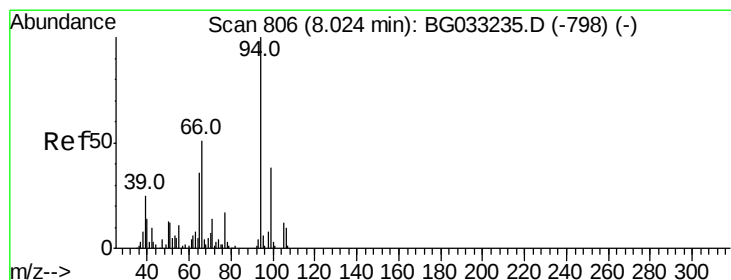
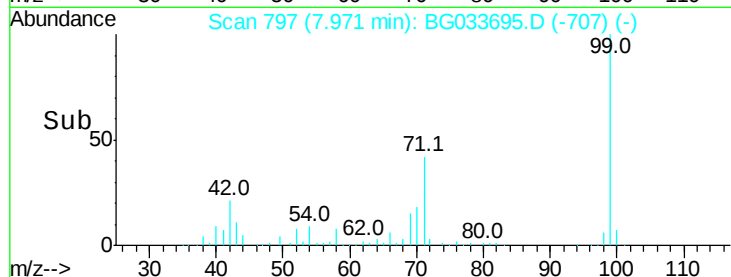
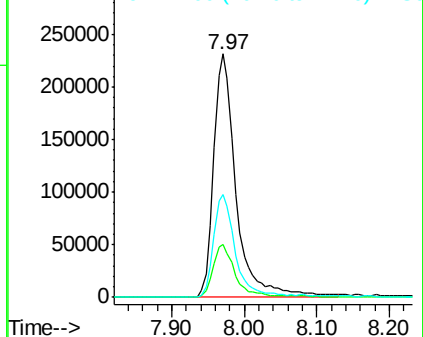
99 100

42 21.6 14.1 21.1#

71 42.2 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



#10

Phenol

Concen: 5.712 ng

RT: 8.00 min Scan# 802

Delta R.T. -0.01 min

Lab File: BG033695.D

Acq: 10 Apr 2018 1:25

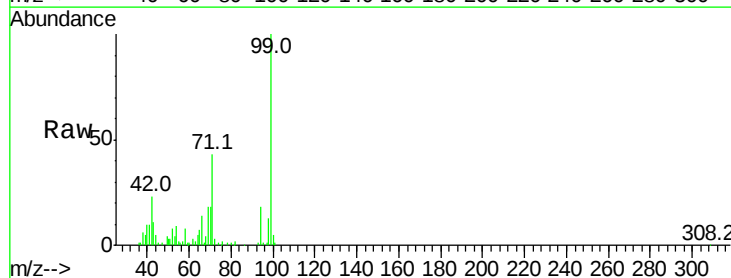
Tgt Ion: 94 Resp: 17464

Ion Ratio Lower Upper

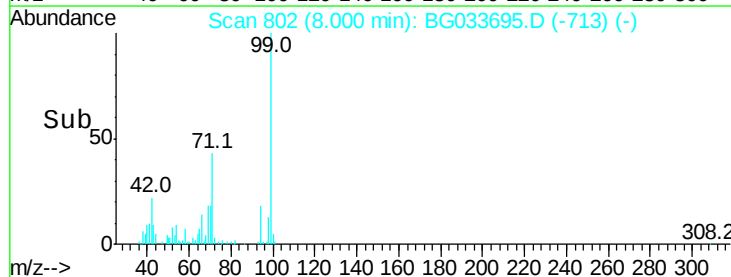
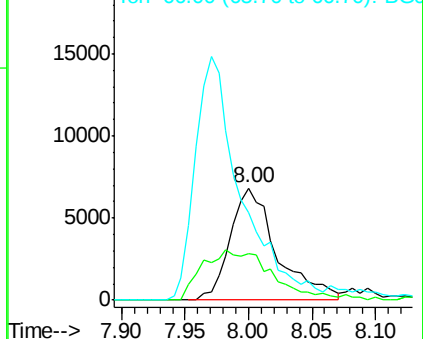
94 100

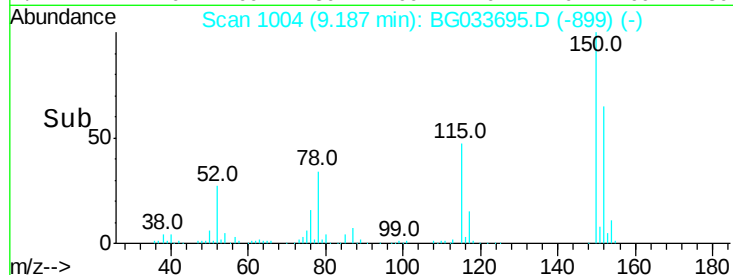
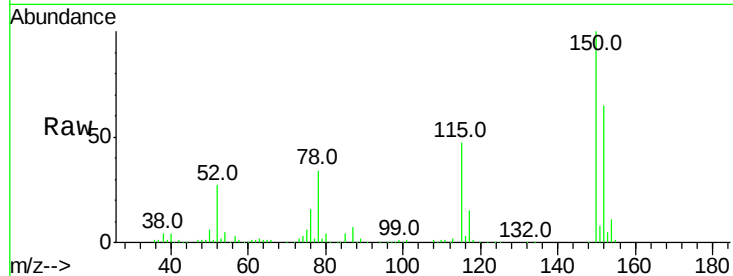
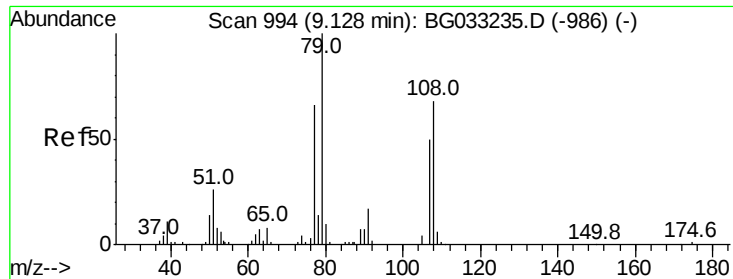
65 41.9 11.9 51.9

66 77.8 22.2 62.2#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

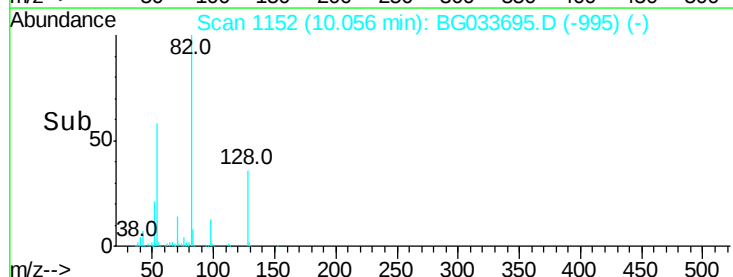
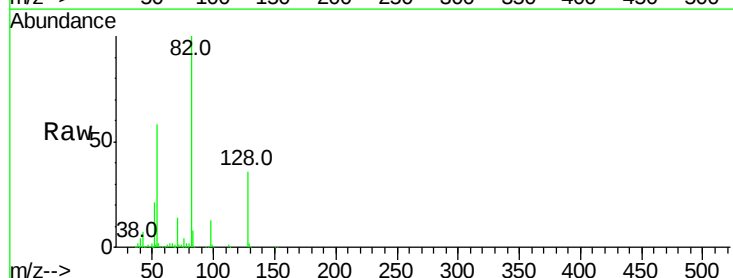
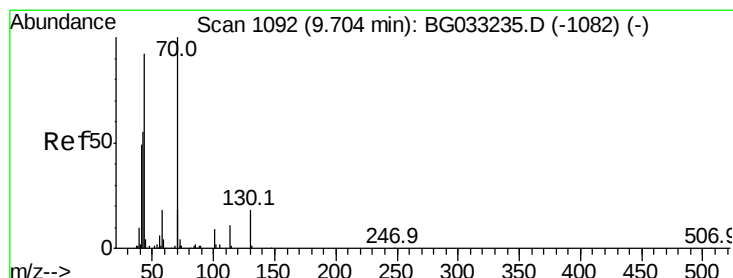
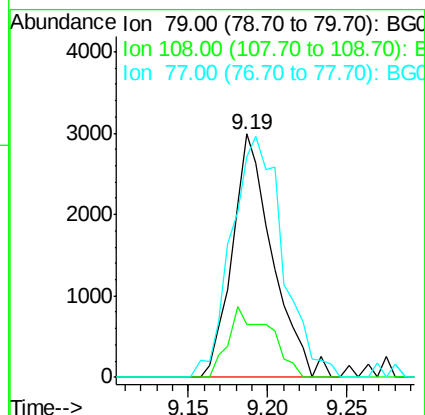




#15
Benzvl Alcohol
Concen: 2.153 ng
RT: 9.19 min Scan# 1004
Delta R.T. 0.09 min
Lab File: BG033695.D
Acq: 10 Apr 2018 1:25

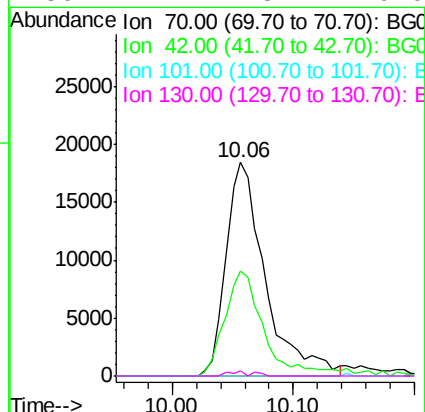
Instrument :
BNA_G
ClientSampleId :

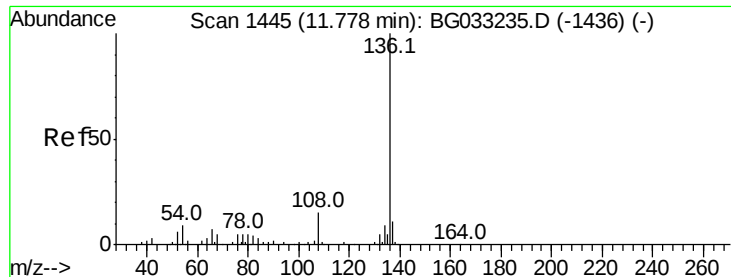
Tot Ion: 79 Resp: 5250
Ion Ratio Lower Upper
79 100
108 21.9 57.2 85.8#
77 90.5 46.1 69.1#



#19
n-Nitroso-di-n-propylamine
Concen: 18.343 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.39 min
Lab File: BG033695.D
Acq: 10 Apr 2018 1:25

Tgt Ion: 70 Resp: 41626
Ion Ratio Lower Upper
70 100
42 49.4 49.1 73.7
101 0.0 8.5 12.7#
130 2.4 13.4 20.0#

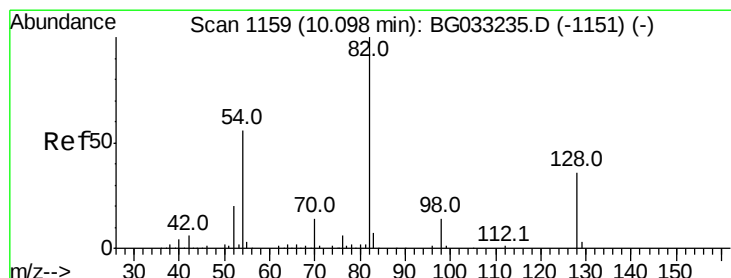
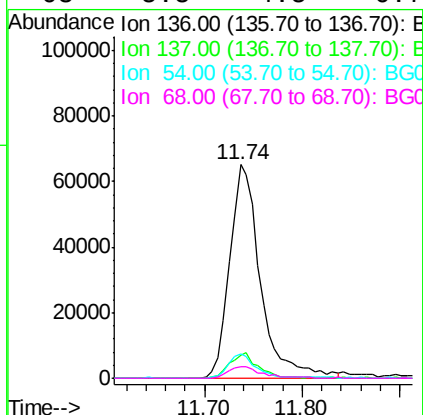
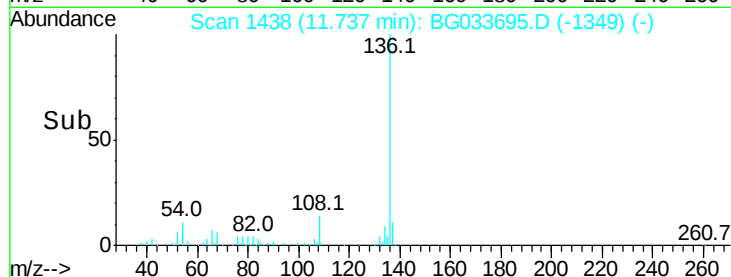
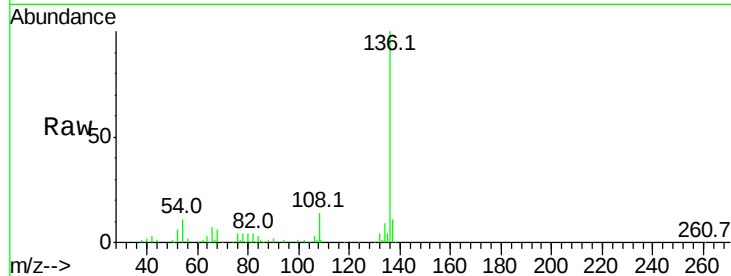




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BG033695.D
Acq: 10 Apr 2018 1:25

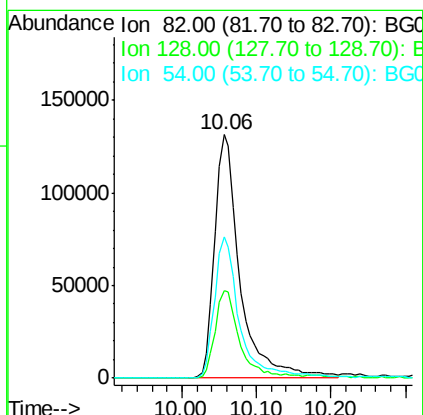
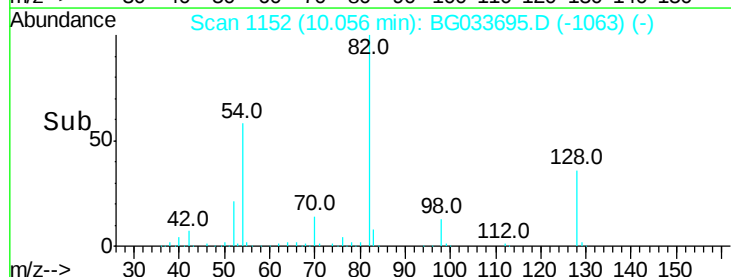
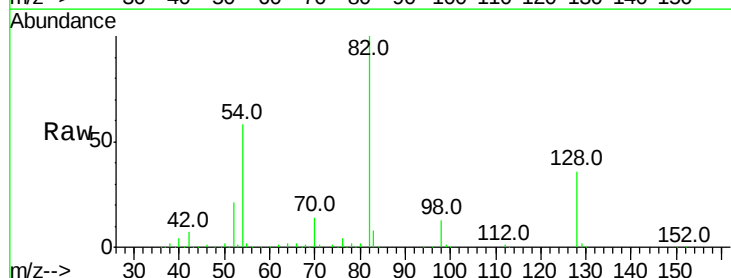
Instrument :
BNA_G
ClientSampleId :

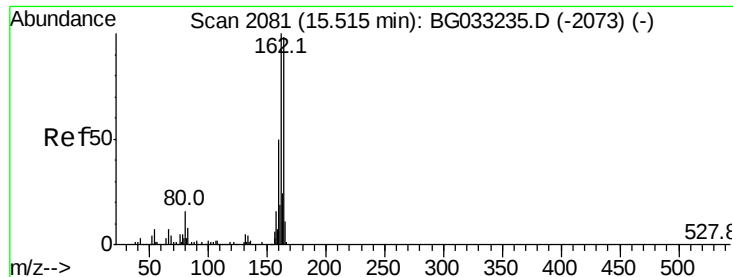
Tot Ion:	136	Resp:	142686
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	11.2	10.3	15.5
68	5.5	4.5	6.7



#23
Nitrobenzene-d5
Concen: 100.225 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BG033695.D
Acq: 10 Apr 2018 1:25

Tgt Ion:	82	Resp:	311262
Ion	Ratio	Lower	Upper
82	100		
128	35.8	29.7	44.5
54	58.0	43.1	64.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.47 min Scan# 2074

Delta R.T. -0.01 min

Lab File: BG033695.D

Acq: 10 Apr 2018 1:25

Instrument :

BNA_G

ClientSampleId :

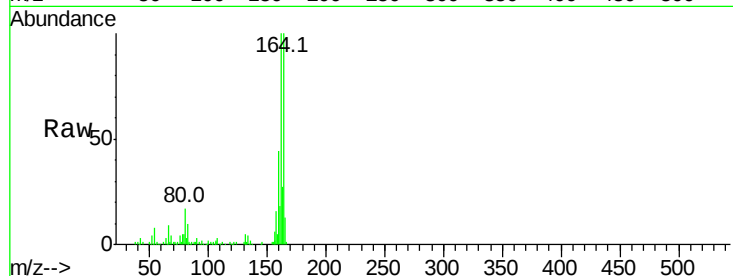
Tot Ion:164 Resp: 105943

Ion Ratio Lower Upper

164 100

162 99.9 78.8 118.2

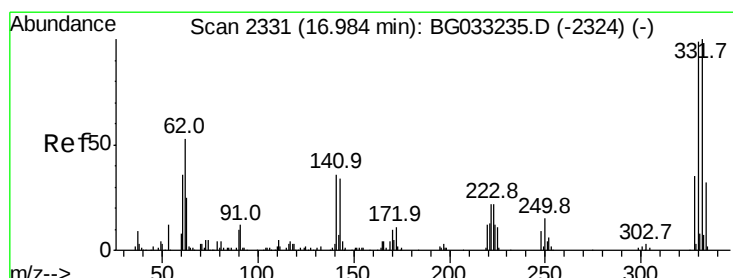
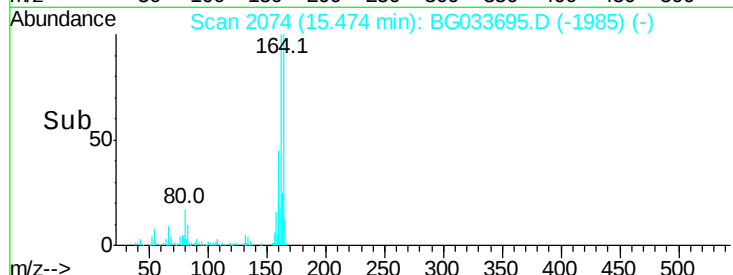
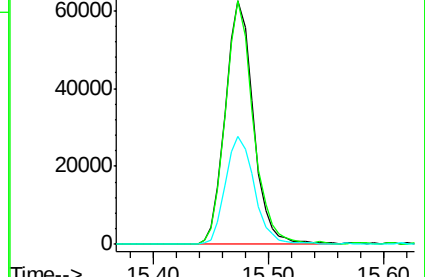
160 44.5 35.4 53.0



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



#41

2,4,6-Tribromophenol

Concen: 144.102 ng

RT: 16.95 min Scan# 2325

Delta R.T. -0.01 min

Lab File: BG033695.D

Acq: 10 Apr 2018 1:25

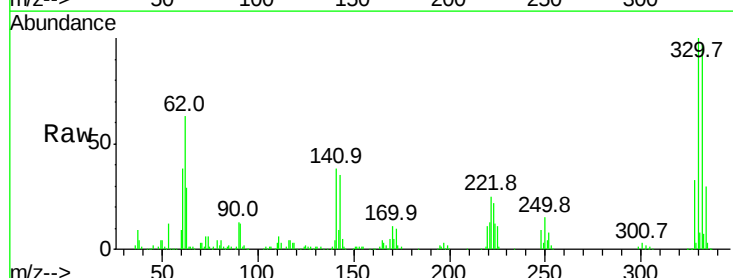
Tgt Ion:330 Resp: 228330

Ion Ratio Lower Upper

330 100

332 95.3 77.0 115.6

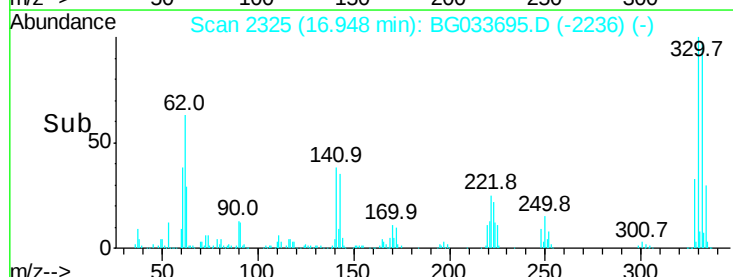
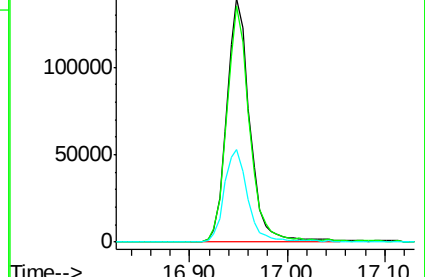
141 38.7 25.2 37.8#

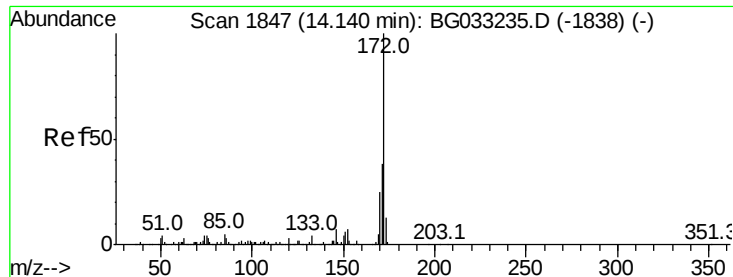


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 93.233 ng

RT: 14.10 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BG033695.D

Acq: 10 Apr 2018 1:25

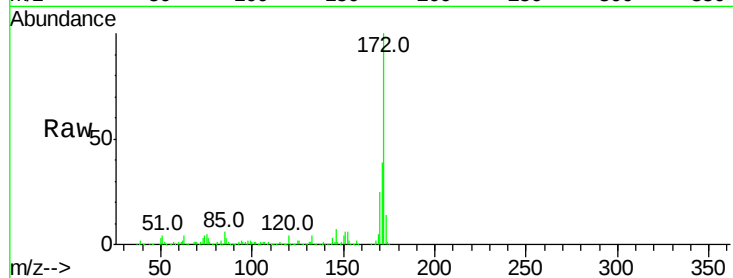
Instrument :

BNA_G

ClientSampleId :

Tot Ion:172 Resp: 684199

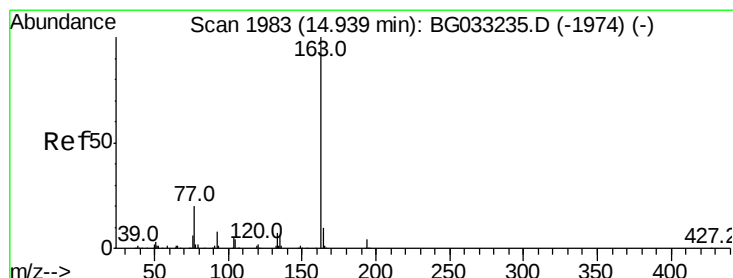
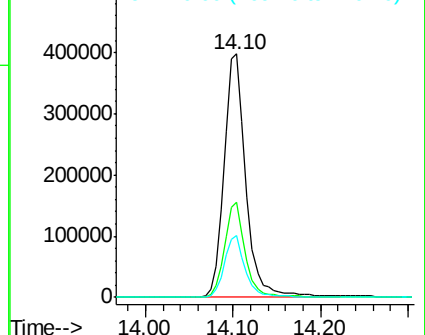
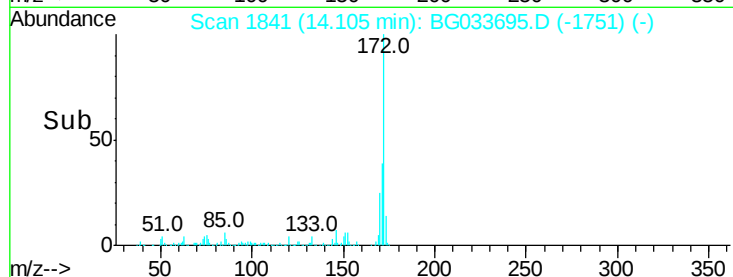
Ion	Ratio	Lower	Upper
172	100		
171	38.9	30.0	45.0
170	25.2	19.5	29.3



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



#49

Dimethylphthalate

Concen: 8.294 ng

RT: 14.89 min Scan# 1975

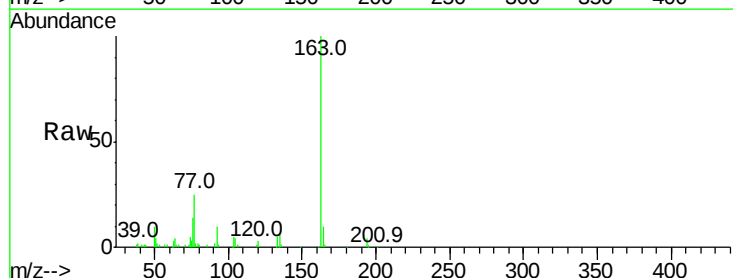
Delta R.T. -0.01 min

Lab File: BG033695.D

Acq: 10 Apr 2018 1:25

Tgt Ion:163 Resp: 76472

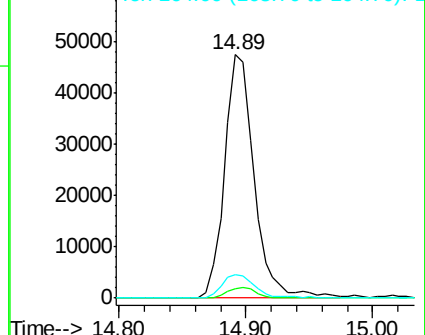
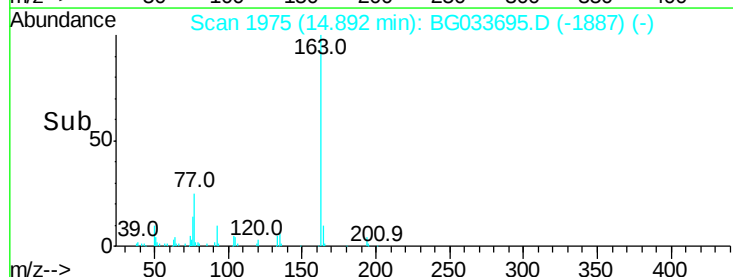
Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	9.5	8.2	12.4

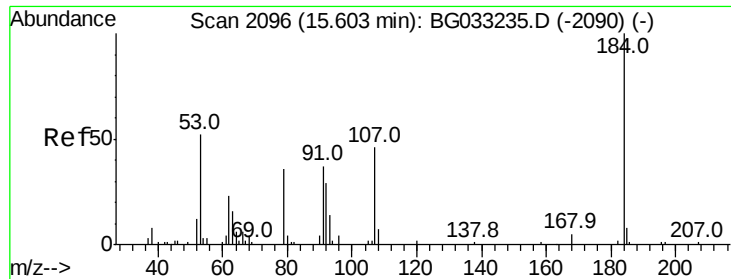


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

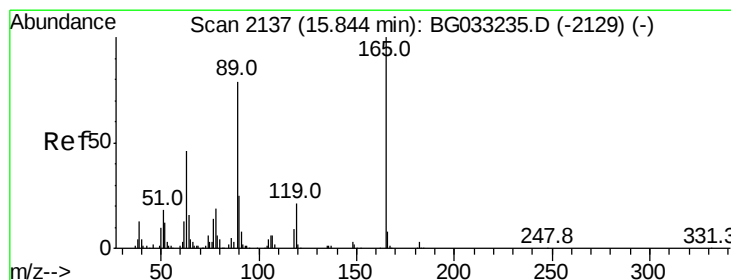
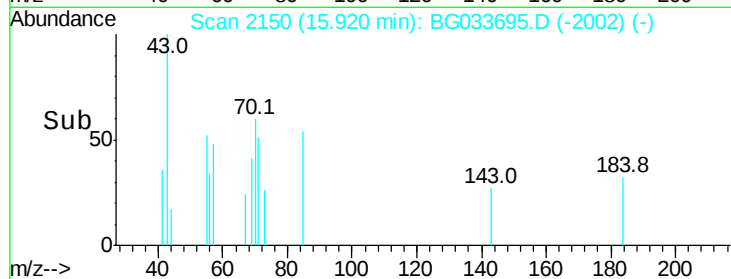
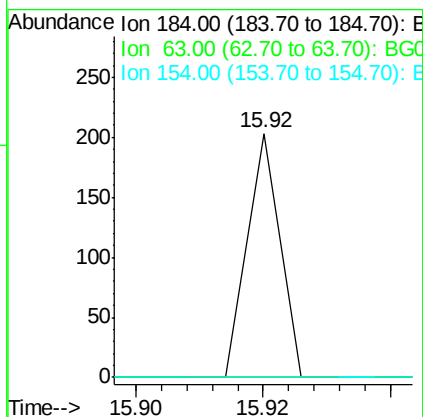
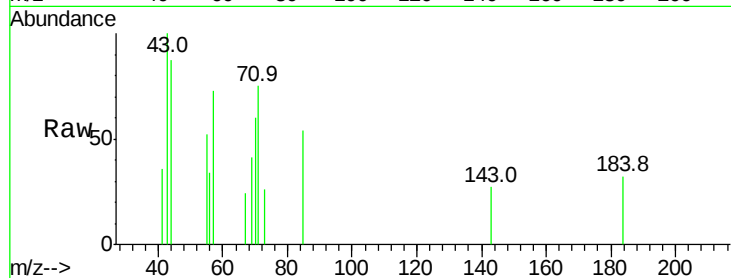




#53
 2,4-Dinitrophenol
 Concen: 7.710 ng
 RT: 15.92 min Scan# 2150
 Delta R.T. 0.34 min
 Lab File: BG033695.D
 Acq: 10 Apr 2018 1:25

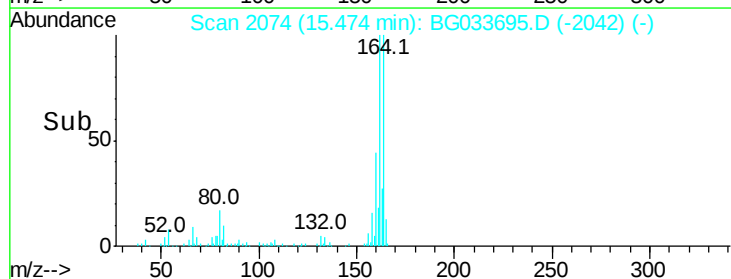
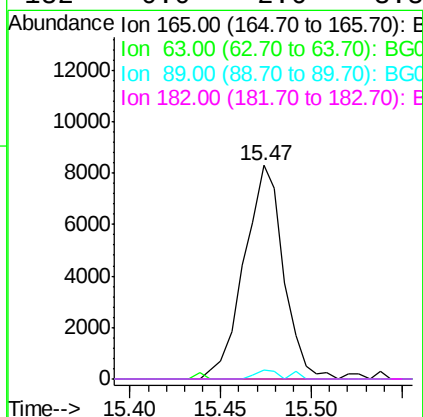
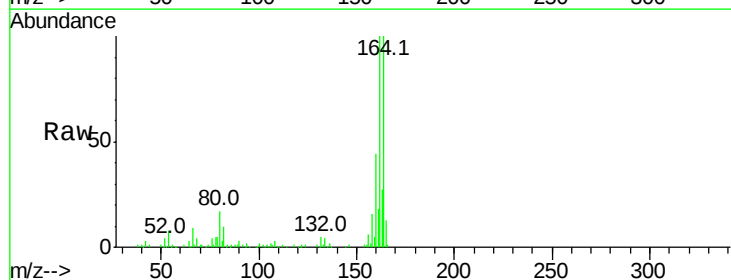
Instrument :
 BNA_G
 ClientSampleId :

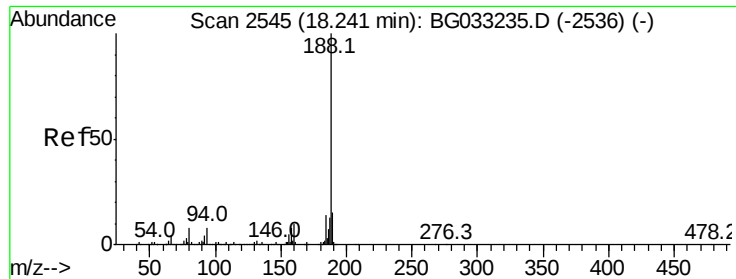
Tot Ion:184 Resp: 72
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#



#56
 2,4-Dinitrotoluene
 Concen: 4.500 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. -0.34 min
 Lab File: BG033695.D
 Acq: 10 Apr 2018 1:25

Tgt Ion:165 Resp: 12491
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 4.1 66.9 100.3#
 182 0.0 2.6 3.8#

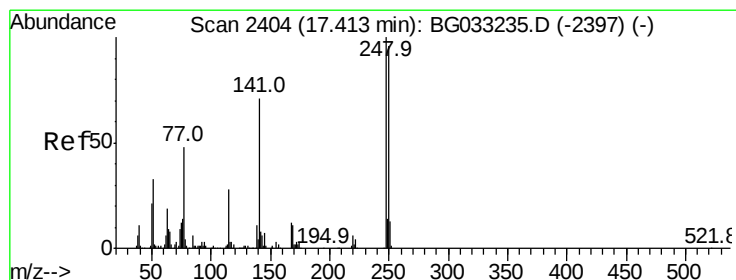
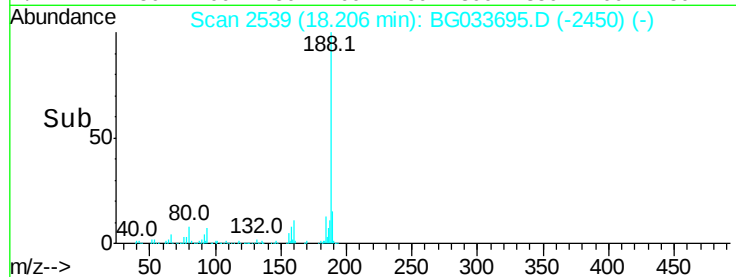
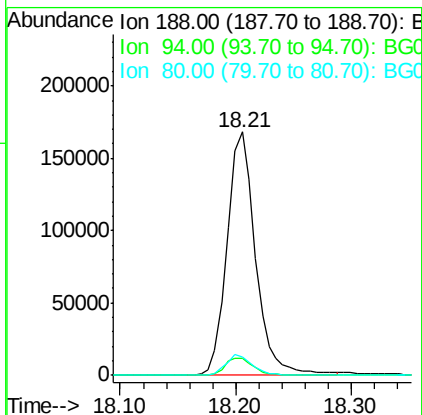
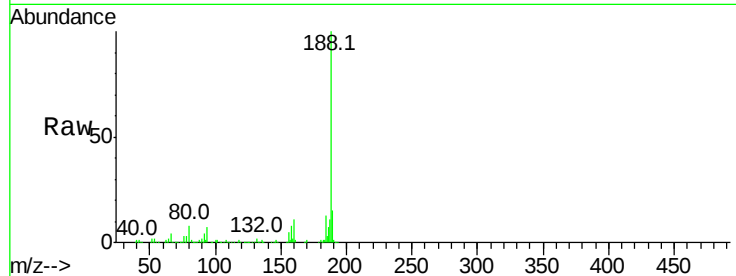




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2539
 Delta R.T. -0.01 min
 Lab File: BG033695.D
 Acq: 10 Apr 2018 1:25

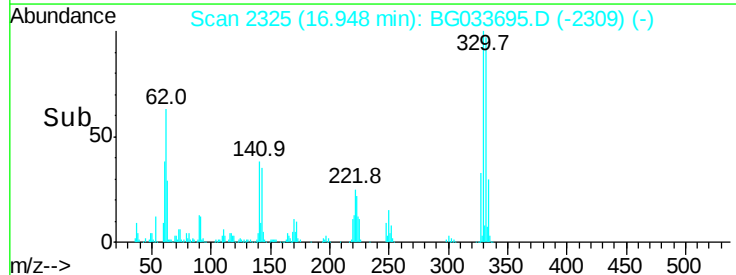
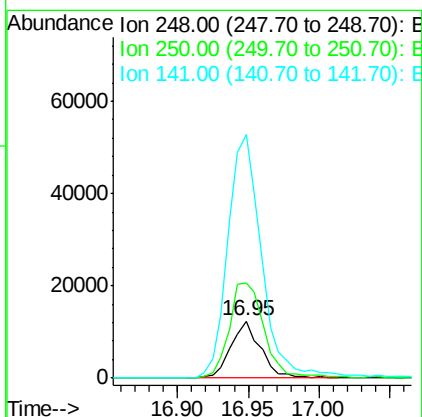
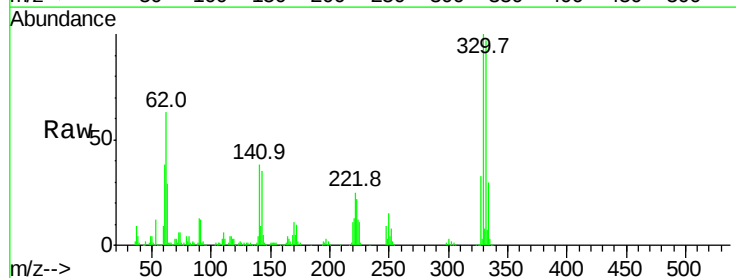
Instrument :
 BNA_G
 ClientSampled :

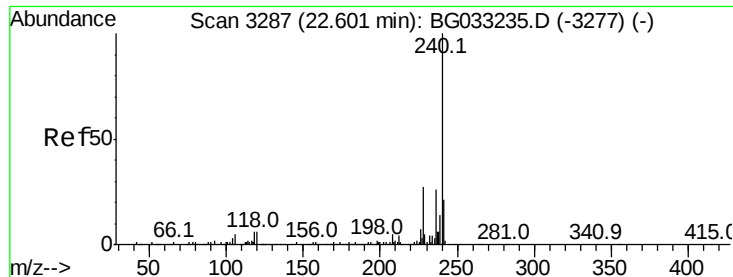
Tot Ion:188 Resp: 288534
 Ion Ratio Lower Upper
 188 100
 94 6.8 6.9 10.3#
 80 7.8 7.7 11.5



#66
 4-Bromophenyl-phenylether
 Concen: 5.373 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.43 min
 Lab File: BG033695.D
 Acq: 10 Apr 2018 1:25

Tgt Ion:248 Resp: 18207
 Ion Ratio Lower Upper
 248 100
 250 166.7 77.1 115.7#
 141 425.0 50.8 76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3278

Delta R.T. -0.01 min

Lab File: BG033695.D

Acq: 10 Apr 2018 1:25

Instrument :

BNA_G

ClientSampleId :

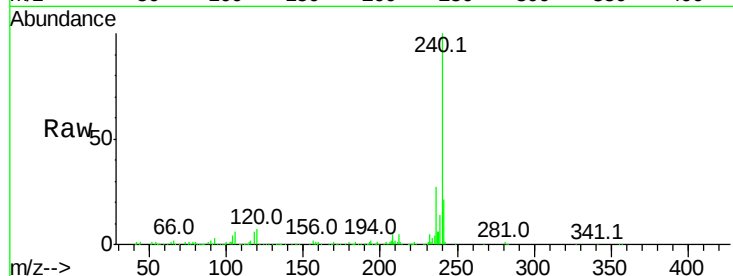
Tot Ion:240 Resp: 305852

Ion Ratio Lower Upper

240 100

120 7.1 6.8 10.2

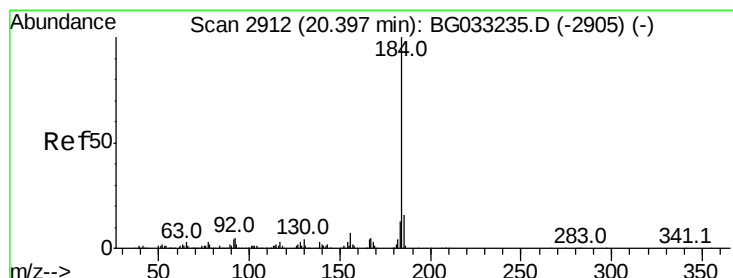
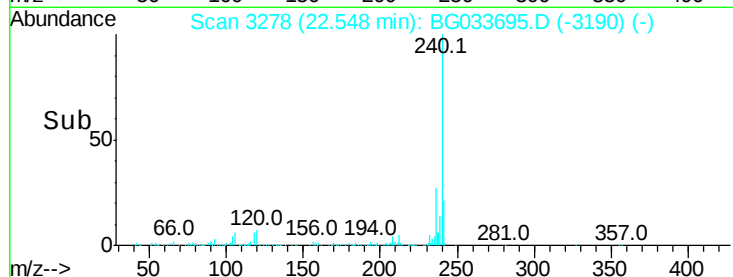
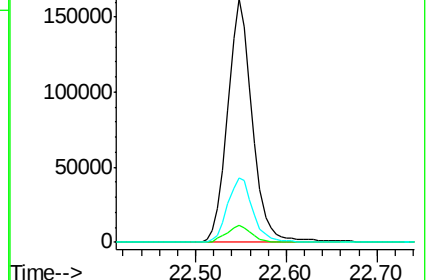
236 26.6 20.9 31.3



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: 2.602 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.36 min

Lab File: BG033695.D

Acq: 10 Apr 2018 1:25

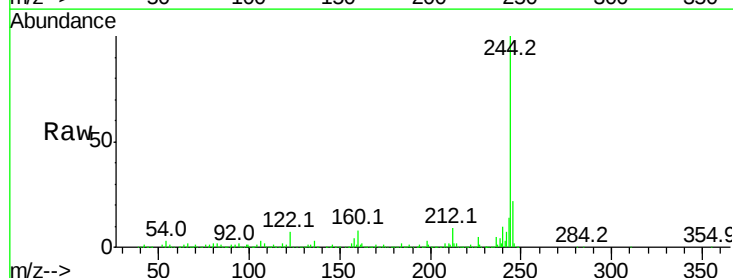
Tgt Ion:184 Resp: 21581

Ion Ratio Lower Upper

184 100

185 19.8 11.1 16.7#

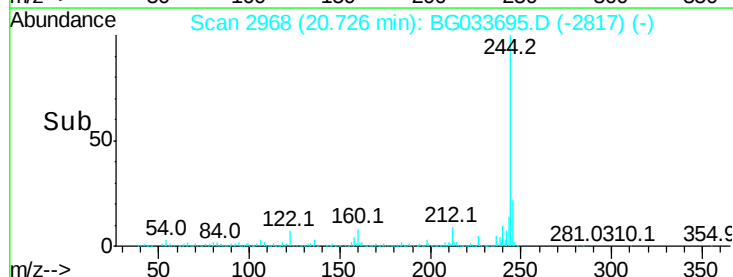
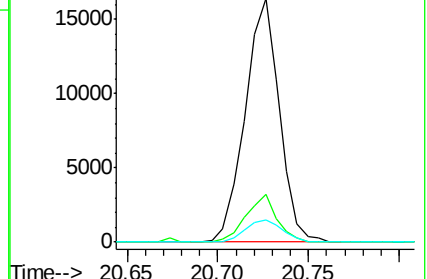
183 9.4 10.6 16.0#

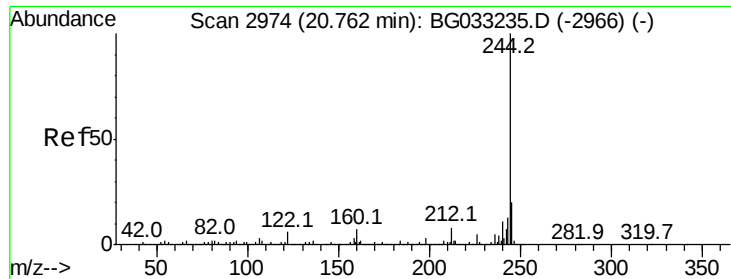


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



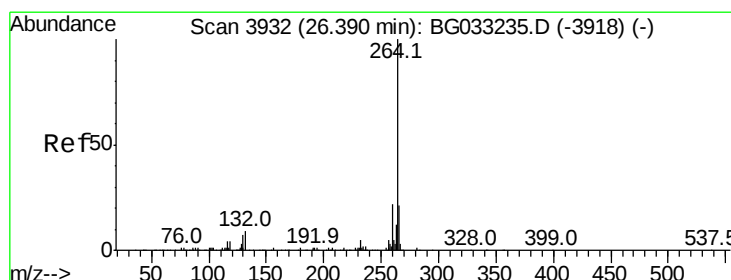
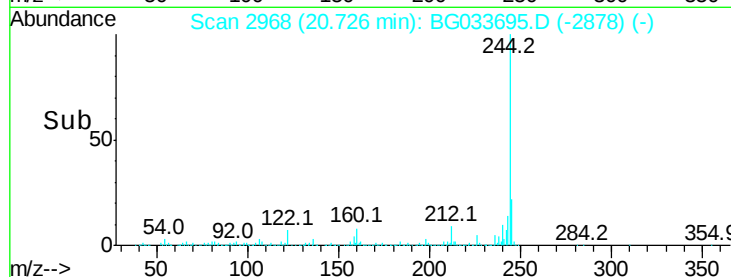
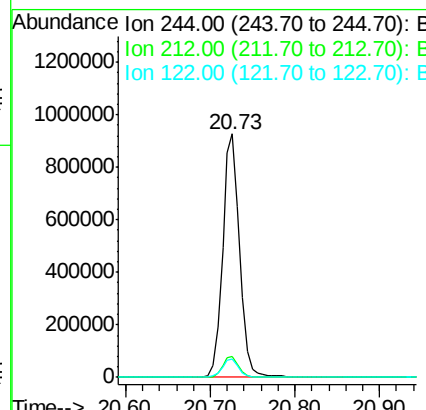
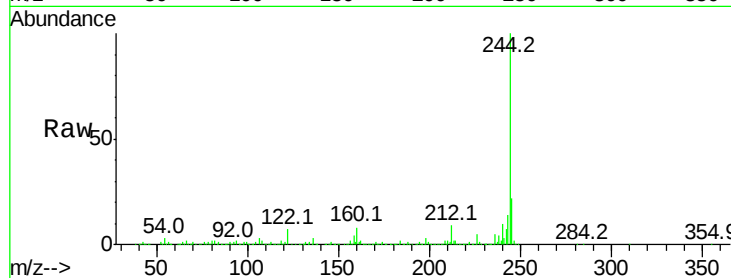


#78
 Terphenyl-d14
 Concen: 90.779 ng
 RT: 20.73 min Scan# 2968
 Delta R.T. -0.00 min
 Lab File: BG033695.D
 Acq: 10 Apr 2018 1:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1298269

Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.8
122	7.3	7.0	10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.31 min Scan# 3918
 Delta R.T. -0.01 min
 Lab File: BG033695.D
 Acq: 10 Apr 2018 1:25

Tgt Ion:264 Resp: 324006

Ion	Ratio	Lower	Upper
264	100		
260	20.9	17.4	26.0
265	19.4	17.7	26.5

