

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032618\
 Data File : BG033352.D
 Acq On : 27 Mar 2018 5:17
 Operator : SJ/JU
 Sample : J1758-06
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 27 07:53:40 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 15:11:46 2018
 Response via : Initial Calibration

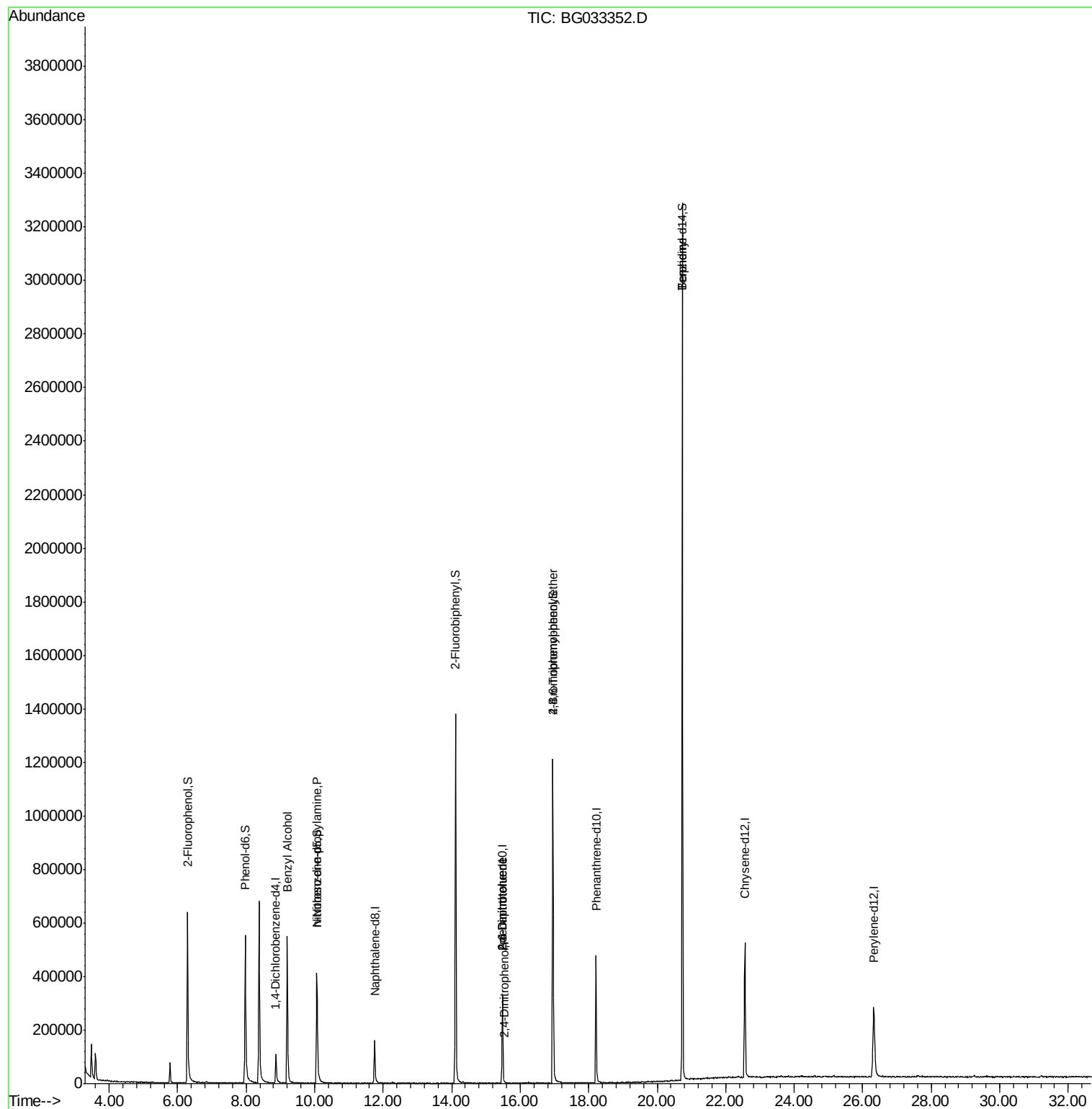
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	39497	20.00	ng	-0.03
21) Naphthalene-d8	11.75	136	160580	20.00	ng	-0.03
38) Acenaphthene-d10	15.48	164	123947	20.00	ng	-0.03
63) Phenanthrene-d10	18.21	188	341998	20.00	ng	-0.03
75) Chrysene-d12	22.56	240	370792	20.00	ng	-0.04
86) Perylene-d12	26.32	264	392495	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	303799	144.23	ng	-0.03
7) Phenol-d6	7.97	99	414518	114.53	ng	-0.03
23) Nitrobenzene-d5	10.06	82	330093	94.44	ng	-0.03
41) 2,4,6-Tribromophenol	16.96	330	259545	140.01	ng	-0.03
44) 2-Fluorobiphenyl	14.11	172	815042	94.93	ng	-0.03
78) Terphenyl-d14	20.73	244	1607801	92.73	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	9.19	79	6000	2.106	ng	# 49
19) n-Nitroso-di-n-propylamine	10.06	70	44475	16.770	ng	# 74
50) 2,6-Dinitrotoluene	15.48	165	15837	7.180	ng	# 21
53) 2,4-Dinitrophenol	15.55	184	68	7.697	ng	# 53
56) 2,4-Dinitrotoluene	15.48	165	15837	4.877	ng	# 19
66) 4-Bromophenyl-phenylether	16.96	248	20011	4.982	ng	# 1
76) Benizidine	20.73	184	26224	2.608	ng	# 95

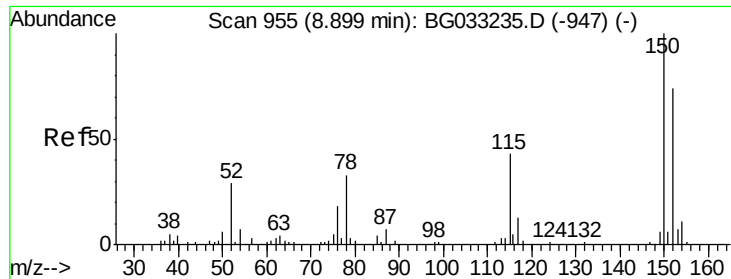
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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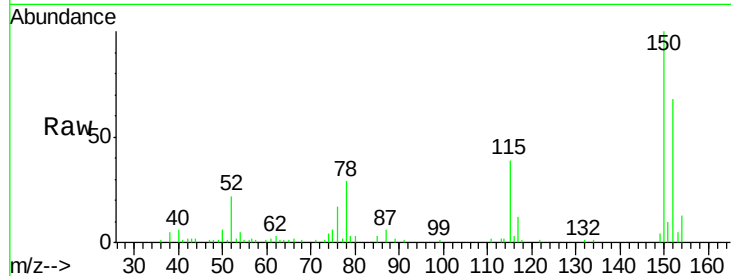


#1

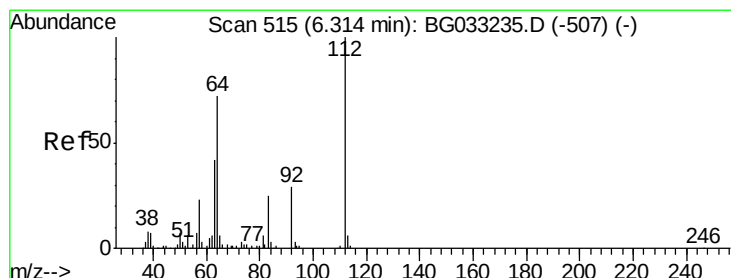
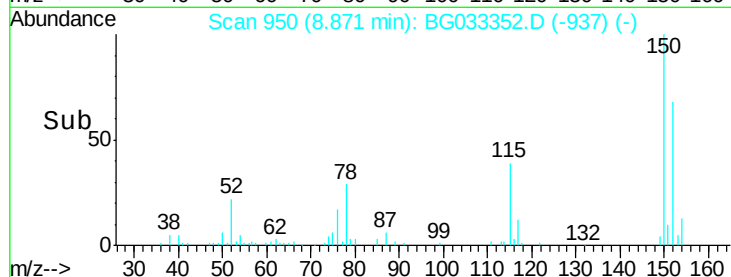
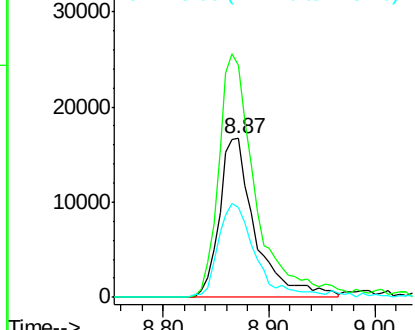
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.03 min
Lab File: BG033352.D
Acq: 27 Mar 2018 5:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.2	126.6	189.8
115	56.9	53.0	79.4



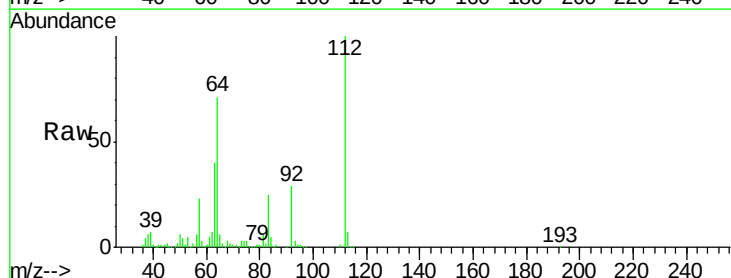
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



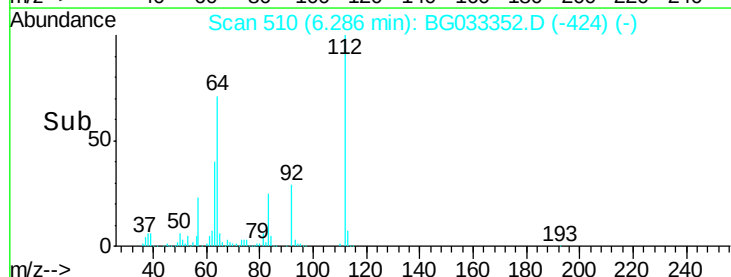
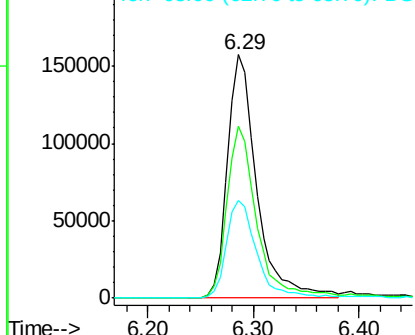
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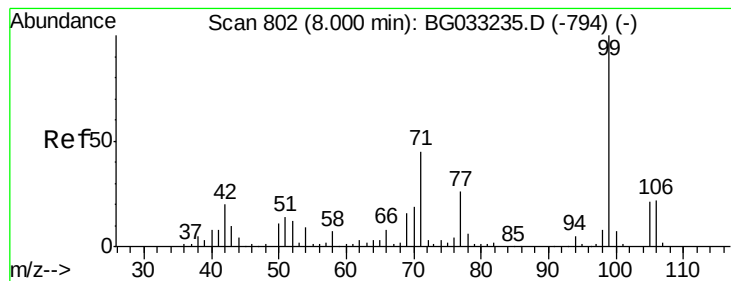
2-Fluorophenol
Concen: 144.229 ng
RT: 6.29 min Scan# 510
Delta R.T. -0.03 min
Lab File: BG033352.D
Acq: 27 Mar 2018 5:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.7	56.3	84.5
63	40.3	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: 114.534 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.03 min

Lab File: BG033352.D

Acq: 27 Mar 2018 5:17

Instrument :

BNA_G

ClientSampled :

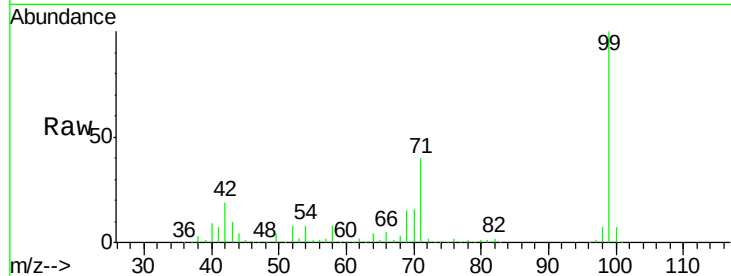
Tot Ion: 99 Resp: 414518

Ion Ratio Lower Upper

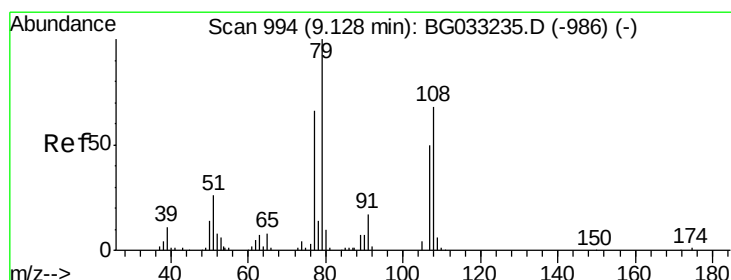
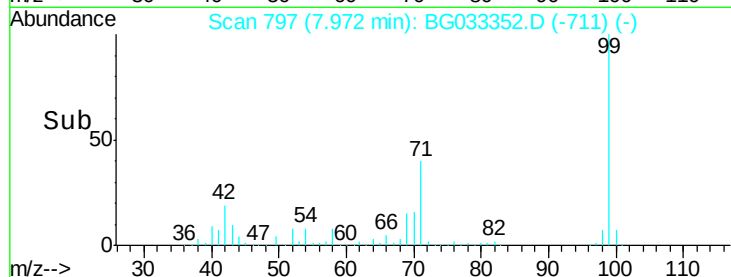
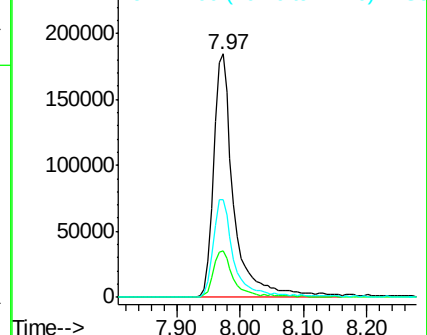
99 100

42 18.9 14.1 21.1

71 40.3 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: 2.106 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.07 min

Lab File: BG033352.D

Acq: 27 Mar 2018 5:17

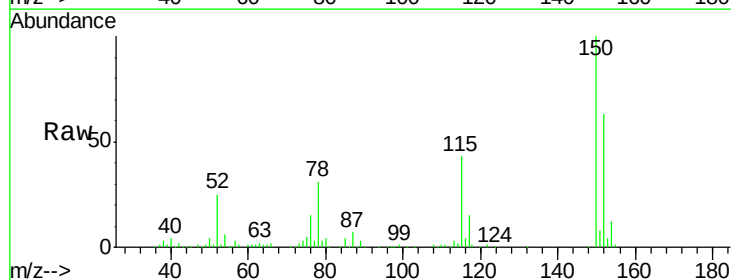
Tgt Ion: 79 Resp: 6000

Ion Ratio Lower Upper

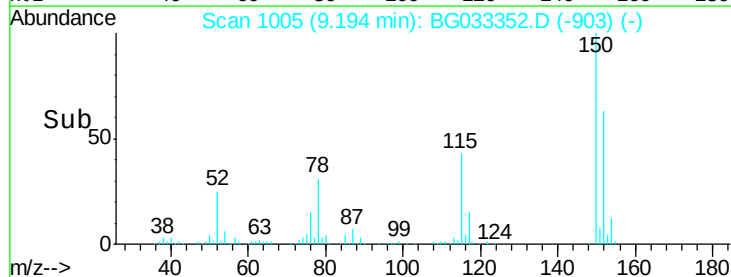
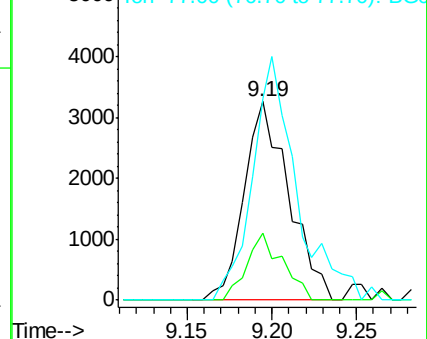
79 100

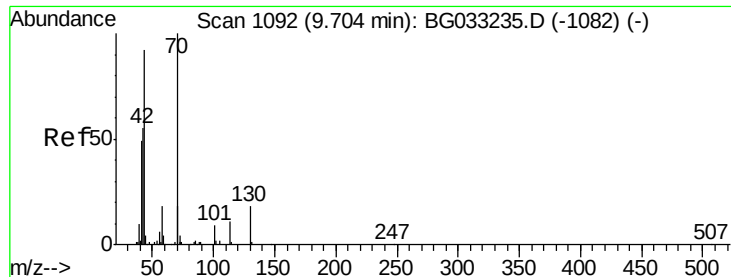
108 34.0 57.2 85.8#

77 101.3 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

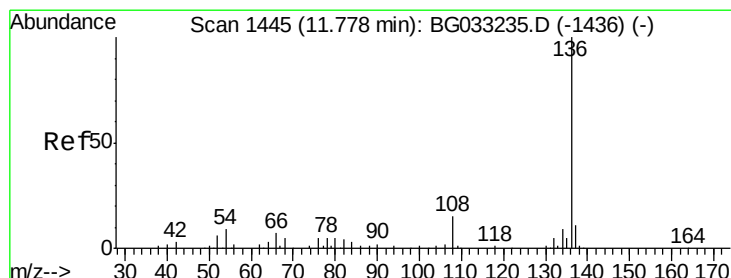
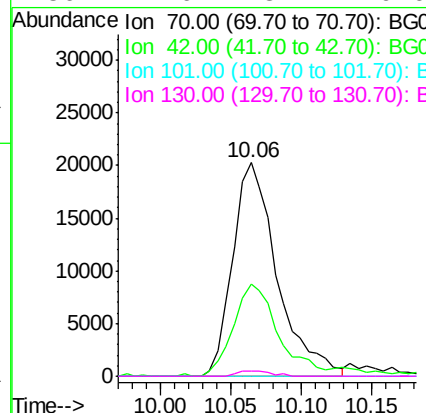
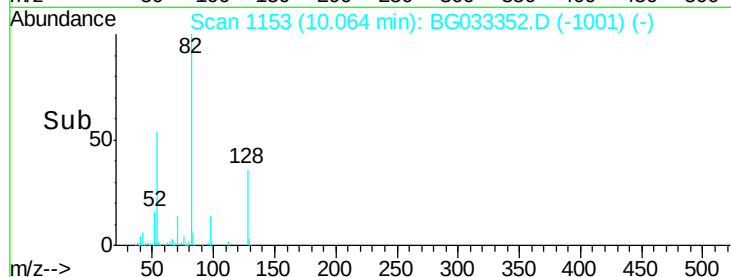
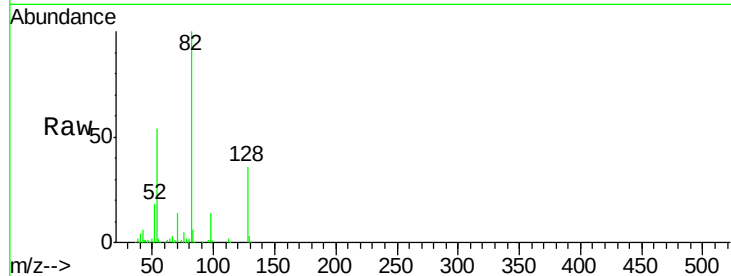




#19
 n-Nitroso-di-n-propylamine
 Concen: 16.770 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. 0.36 min
 Lab File: BG033352.D
 Acq: 27 Mar 2018 5:17

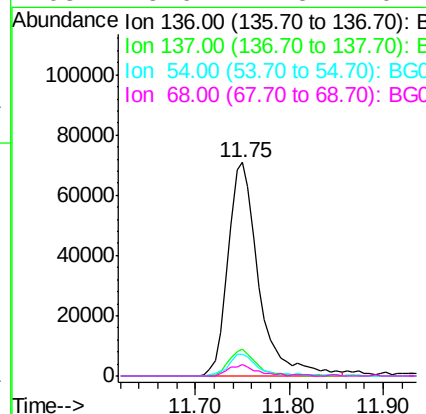
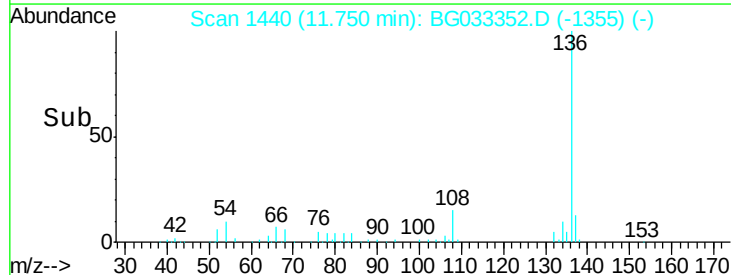
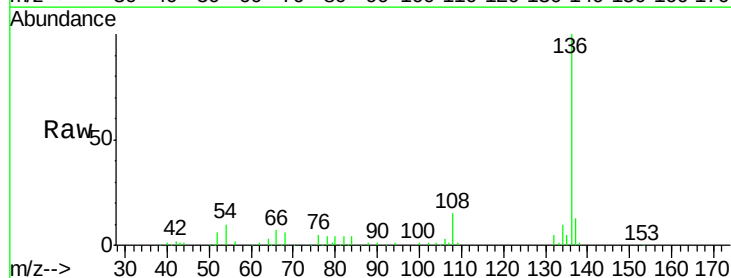
Instrument :
 BNA_G
 ClientSampleId :

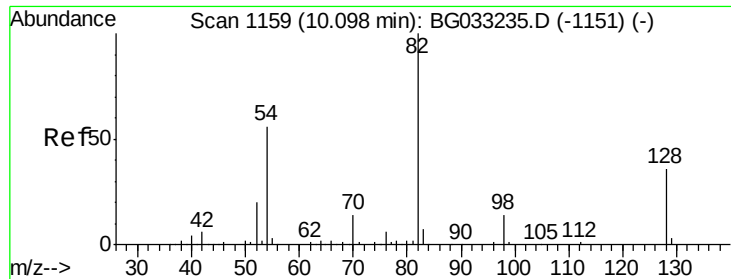
Tot Ion:	70	Resp:	44475
Ion	Ratio	Lower	Upper
70	100		
42	43.2	49.1	73.7#
101	0.0	8.5	12.7#
130	2.6	13.4	20.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 11.75 min Scan# 1440
 Delta R.T. -0.03 min
 Lab File: BG033352.D
 Acq: 27 Mar 2018 5:17

Tgt Ion:	136	Resp:	160580
Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.2	13.8
54	10.0	10.3	15.5#
68	5.6	4.5	6.7

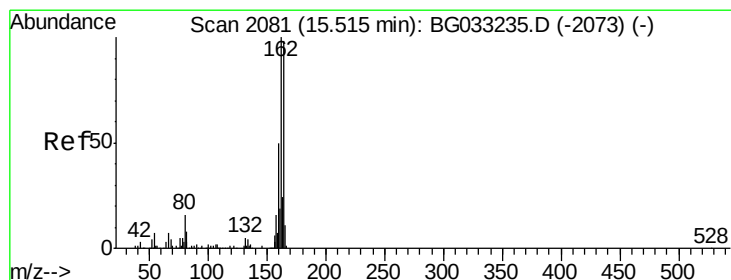
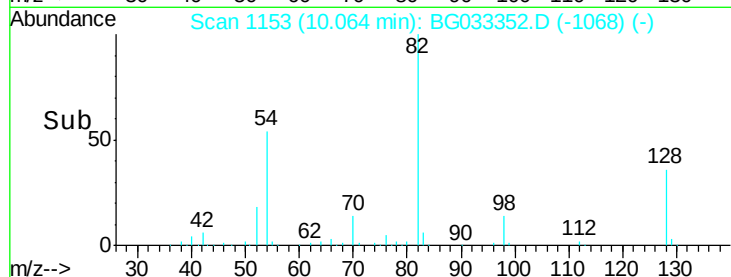
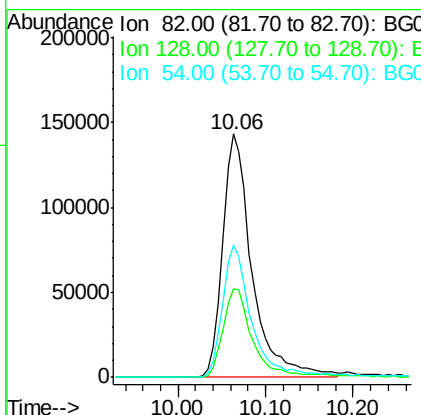
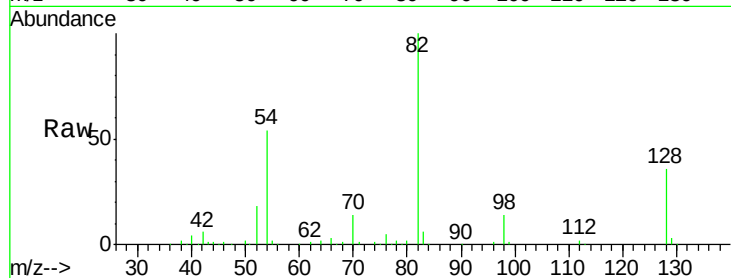




#23
 Nitrobenzene-d5
 Concen: 94.444 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.03 min
 Lab File: BG033352.D
 Acq: 27 Mar 2018 5:17

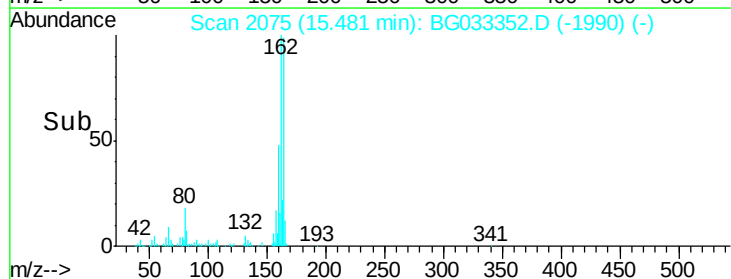
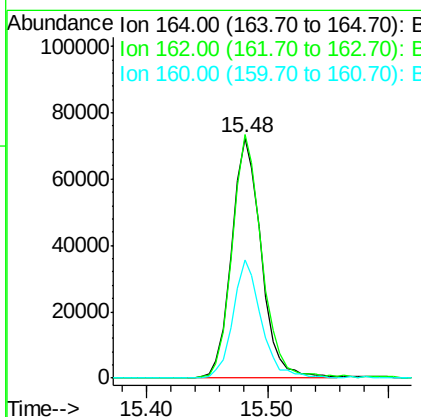
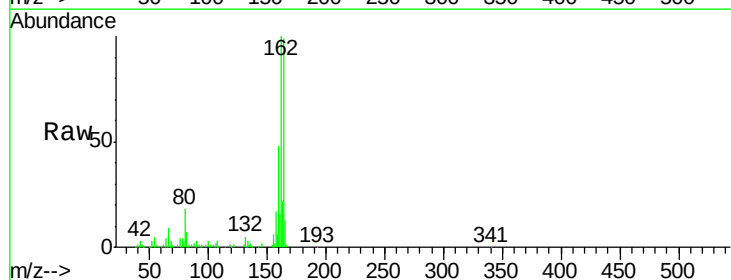
Instrument :
 BNA_G
 ClientSampled :

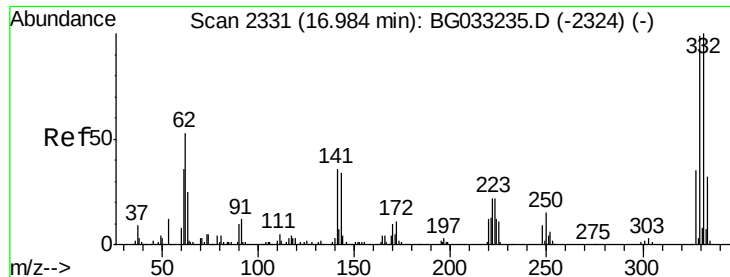
Tot Ion	82	Resp	330093
Ion Ratio	Lower	Upper	
82	100		
128	36.3	29.7	44.5
54	54.4	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.03 min
 Lab File: BG033352.D
 Acq: 27 Mar 2018 5:17

Tgt Ion	164	Resp	123947
Ion Ratio	Lower	Upper	
164	100		
162	101.3	78.8	118.2
160	49.1	35.4	53.0

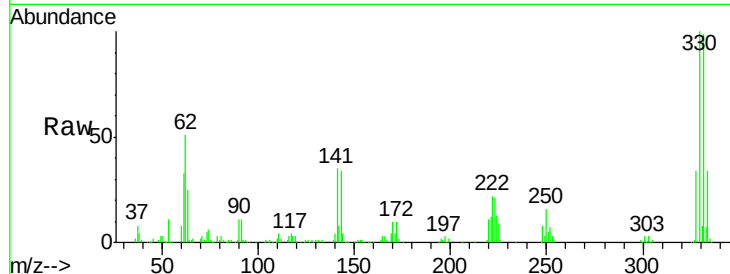




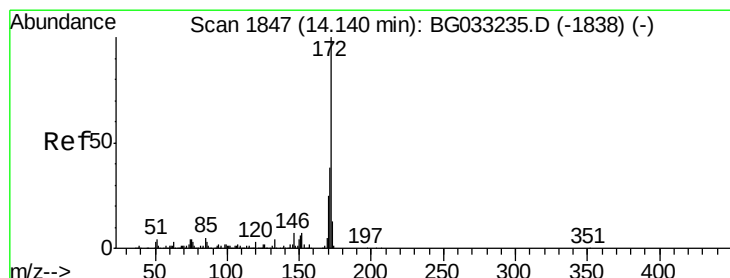
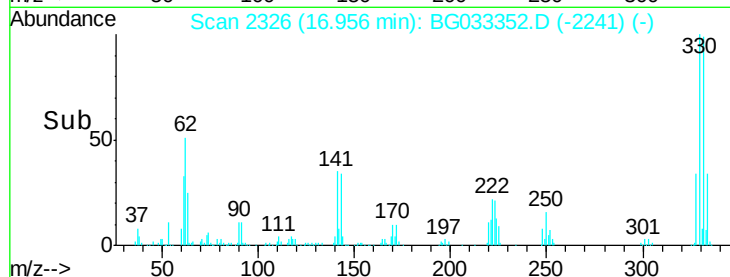
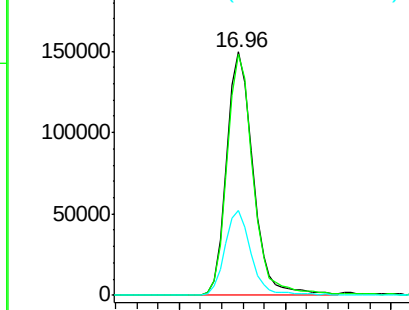
#41
 2,4,6-Tribromophenol
 Concen: 140.009 ng
 RT: 16.96 min Scan# 2326
 Delta R.T. -0.03 min
 Lab File: BG033352.D
 Acq: 27 Mar 2018 5:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.0	115.6
141	34.5	25.2	37.8

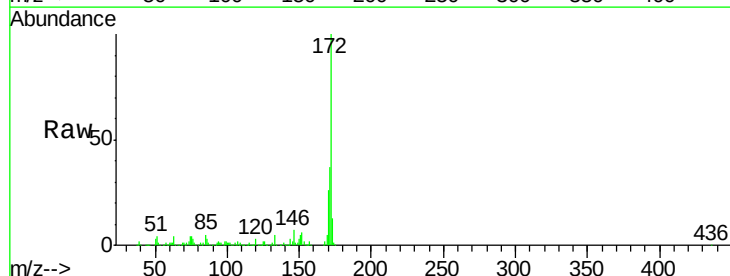


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

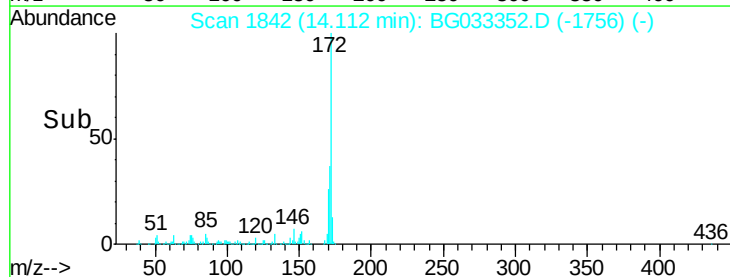
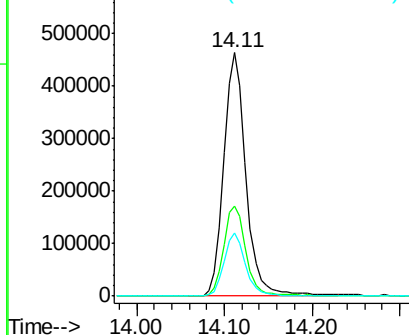


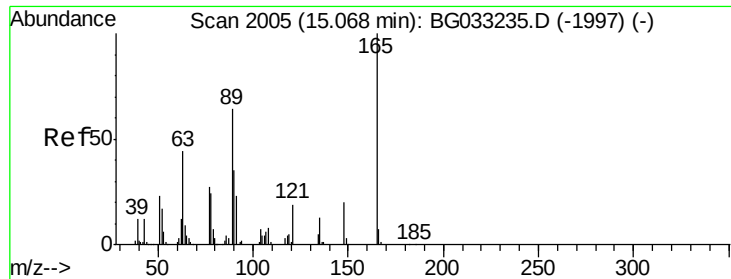
#44
 2-Fluorobiphenyl
 Concen: 94.930 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.03 min
 Lab File: BG033352.D
 Acq: 27 Mar 2018 5:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	26.2	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

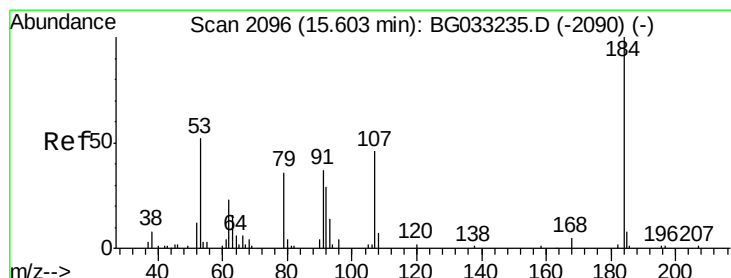
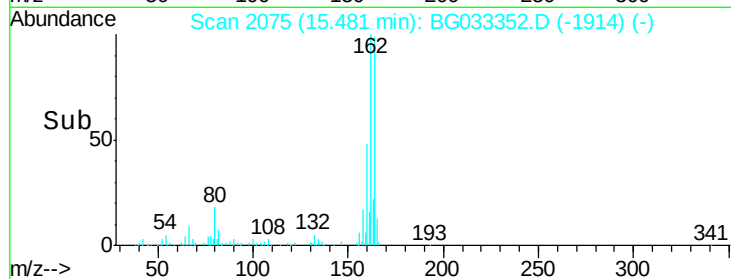
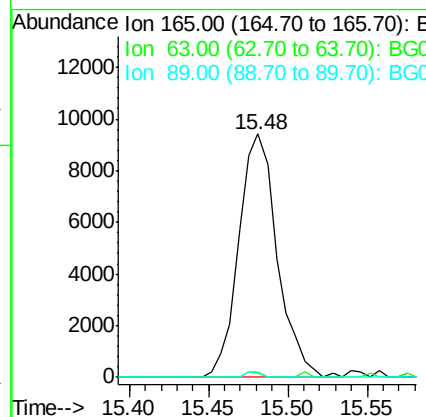
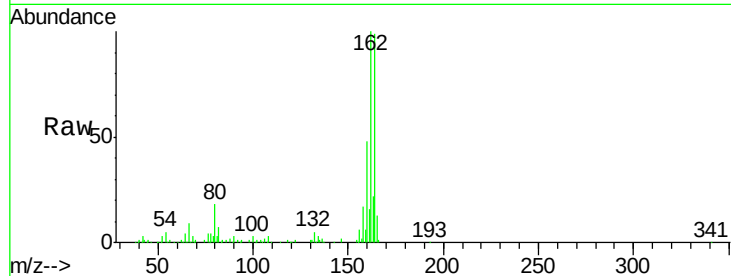




#50
 2,6-Dinitrotoluene
 Concen: 7.180 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. 0.42 min
 Lab File: BG033352.D
 Acq: 27 Mar 2018 5:17

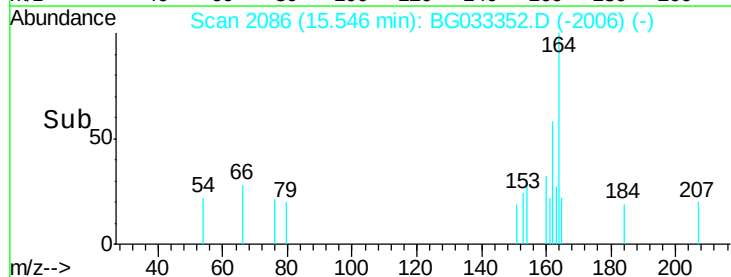
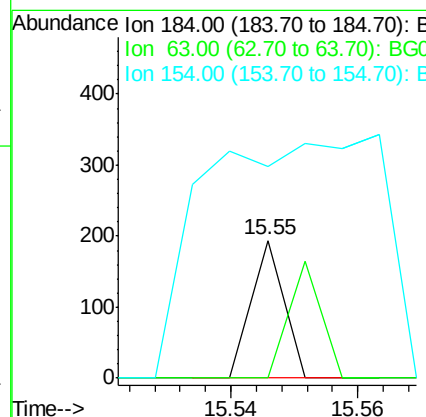
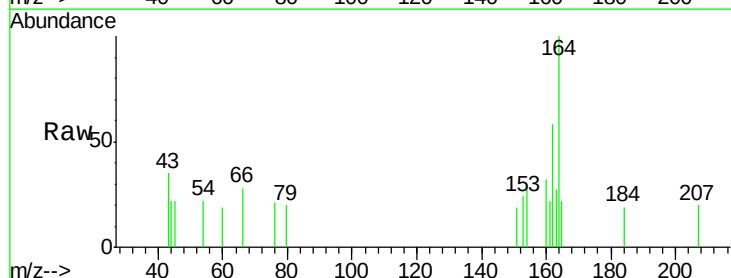
Instrument :
 BNA_G
 ClientSampleId :

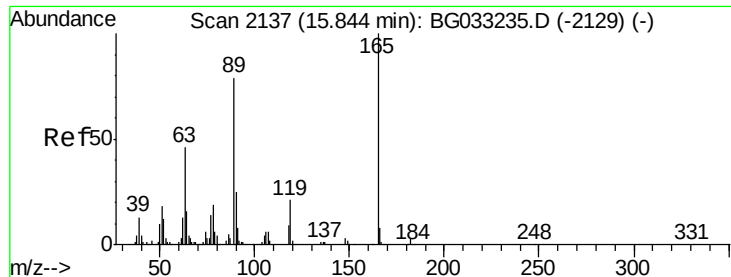
Tot Ion:165 Resp: 15837
 Ion Ratio Lower Upper
 165 100
 63 1.6 52.7 79.1#
 89 2.1 49.2 73.8#



#53
 2,4-Dinitrophenol
 Concen: 7.697 ng
 RT: 15.55 min Scan# 2086
 Delta R.T. -0.06 min
 Lab File: BG033352.D
 Acq: 27 Mar 2018 5:17

Tgt Ion:184 Resp: 68
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 153.6 101.8 152.8#

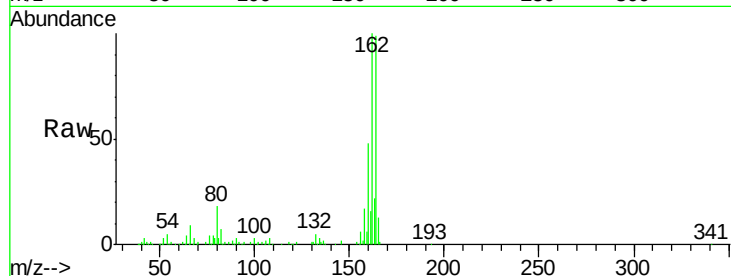




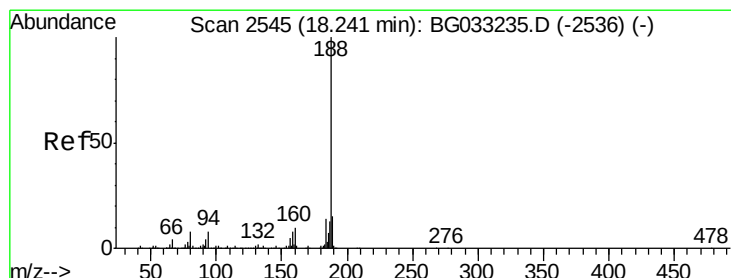
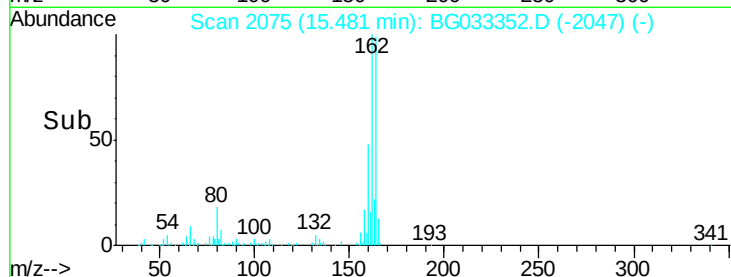
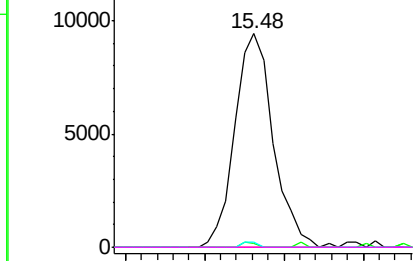
#56
 2,4-Dinitrotoluene
 Concen: 4.877 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.37 min
 Lab File: BG033352.D
 Acq: 27 Mar 2018 5:17

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	42.0	63.0#
89	2.1	66.9	100.3#
182	0.0	2.6	3.8#

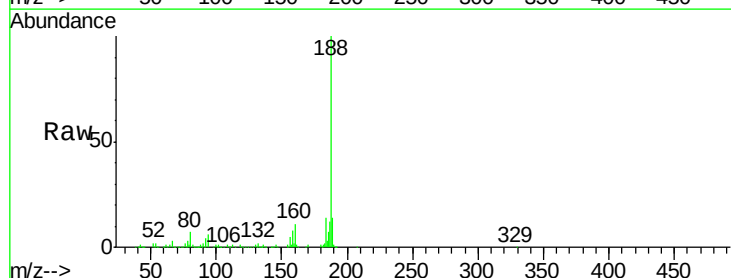


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

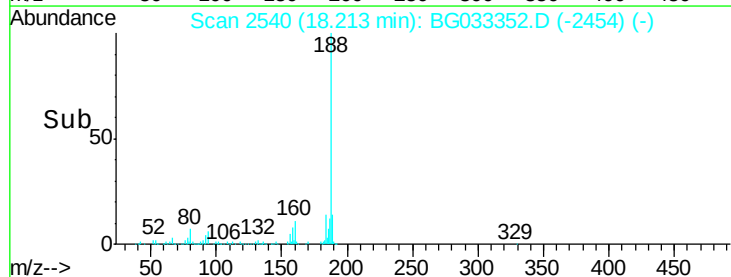
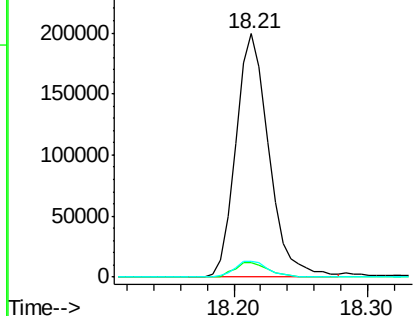


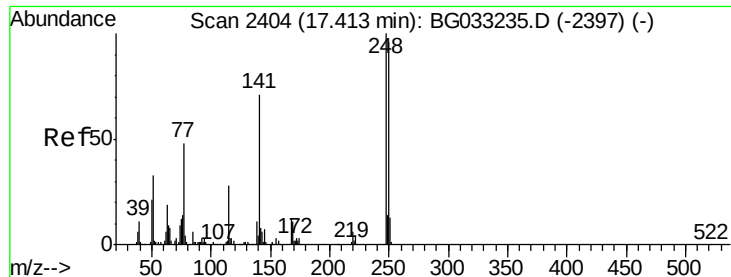
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2540
 Delta R.T. -0.03 min
 Lab File: BG033352.D
 Acq: 27 Mar 2018 5:17

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.2	6.9	10.3#
80	6.7	7.7	11.5#



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

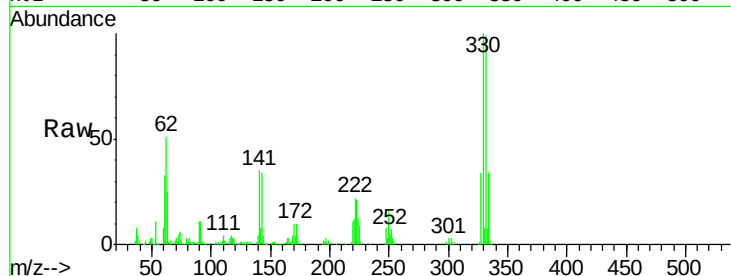




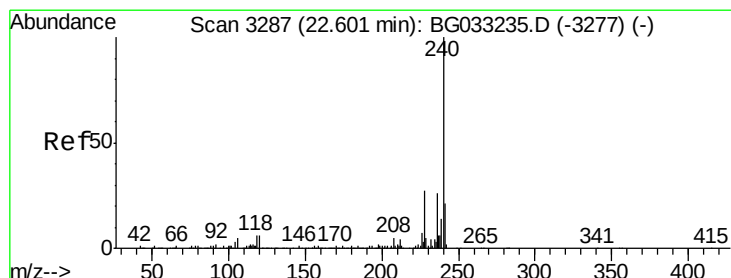
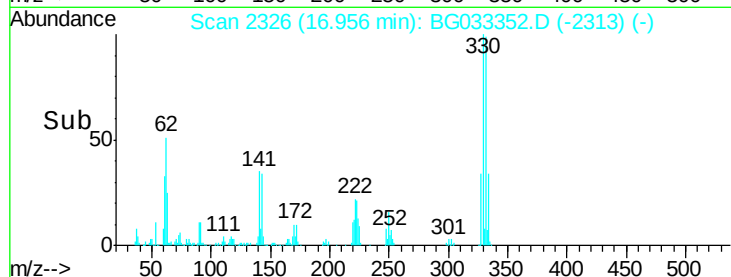
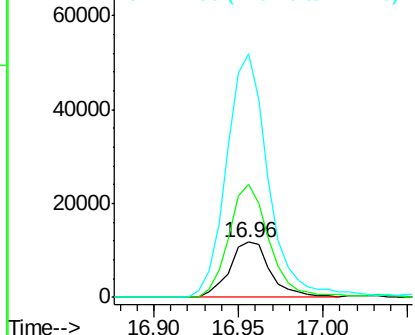
#66
4-Bromophenyl-phenylether
Concen: 4.982 ng
RT: 16.96 min Scan# 2326
Delta R.T. -0.45 min
Lab File: BG033352.D
Acq: 27 Mar 2018 5:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 20011
Ion Ratio Lower Upper
248 100
250 204.6 77.1 115.7#
141 442.0 50.8 76.2#

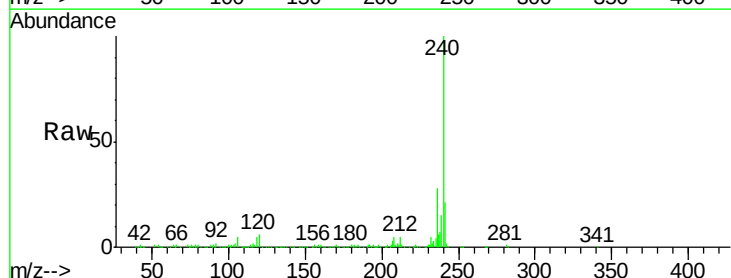


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

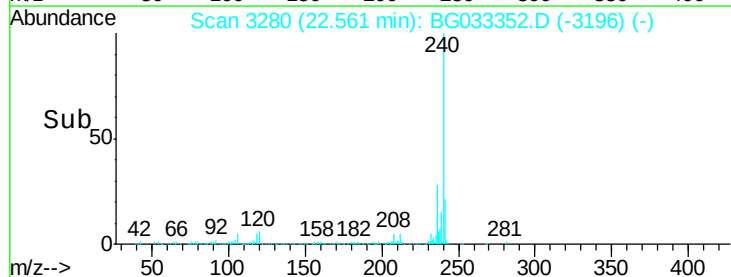
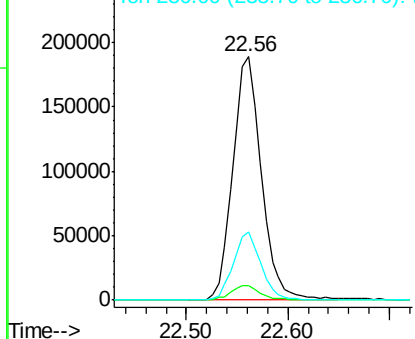


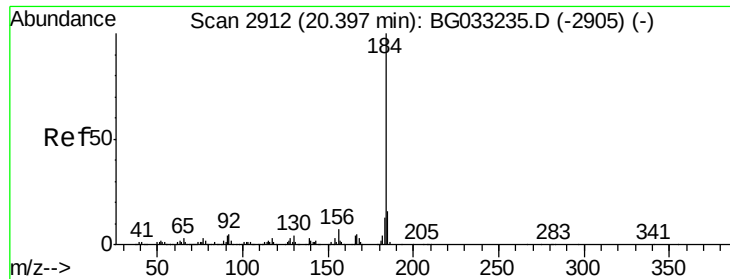
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3280
Delta R.T. -0.04 min
Lab File: BG033352.D
Acq: 27 Mar 2018 5:17

Tgt Ion:240 Resp: 370792
Ion Ratio Lower Upper
240 100
120 6.2 6.8 10.2#
236 28.1 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

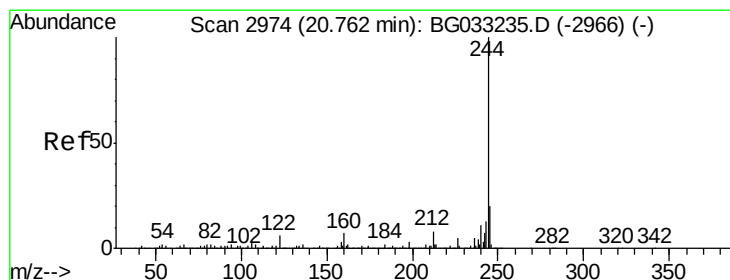
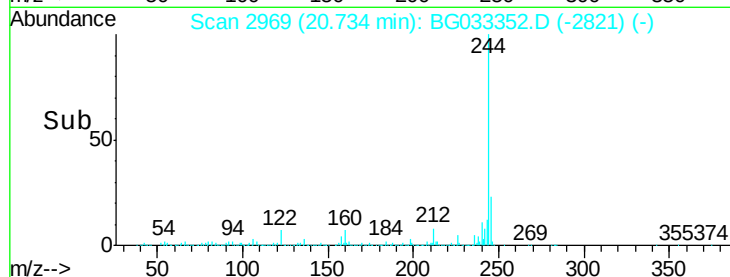
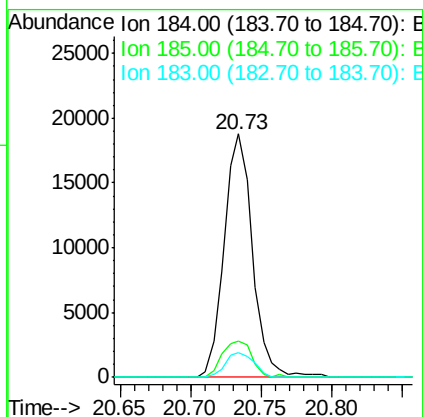
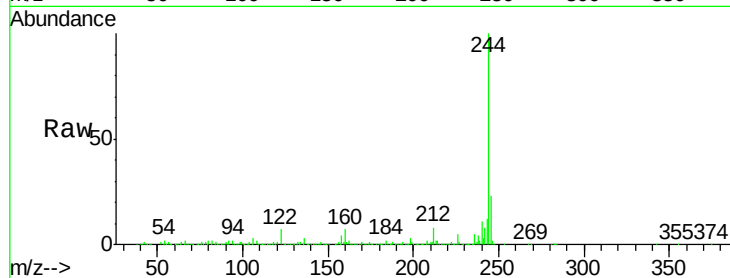




#76
Benzidine
Concen: 2.608 ng
RT: 20.73 min Scan# 2969
Delta R.T. 0.34 min
Lab File: BG033352.D
Acq: 27 Mar 2018 5:17

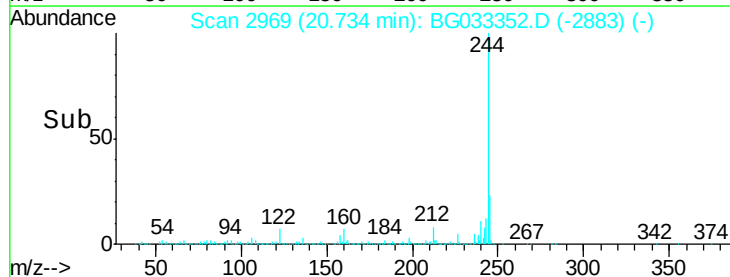
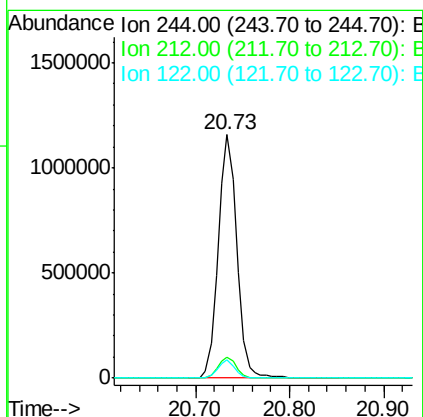
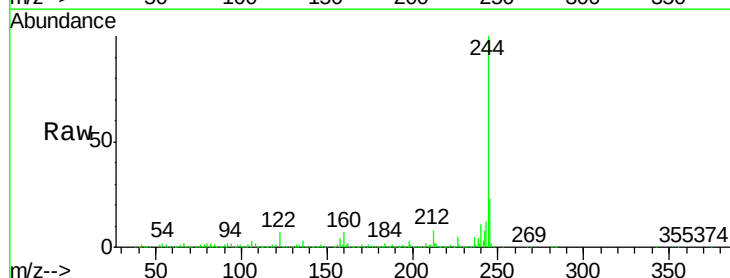
Instrument :
BNA_G
ClientSampleId :

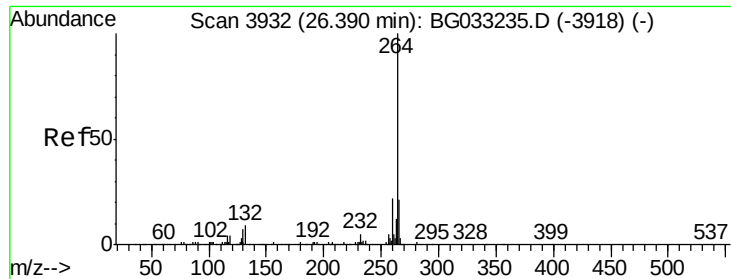
Tot Ion:184 Resp: 26224
Ion Ratio Lower Upper
184 100
185 15.0 11.1 16.7
183 10.1 10.6 16.0#



#78
Terphenyl-d14
Concen: 92.733 ng
RT: 20.73 min Scan# 2969
Delta R.T. -0.03 min
Lab File: BG033352.D
Acq: 27 Mar 2018 5:17

Tgt Ion:244 Resp: 1607801
Ion Ratio Lower Upper
244 100
212 8.4 5.8 8.8
122 7.5 7.0 10.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.32 min Scan# 3920
Delta R.T. -0.07 min
Lab File: BG033352.D
Acq: 27 Mar 2018 5:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.4	26.0
265	22.0	17.7	26.5

