

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032218\
 Data File : BG033294.D
 Acq On : 22 Mar 2018 14:49
 Operator : SJ/JU
 Sample : J1976-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 22 17:33:14 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 22 17:32:09 2018
 Response via : Initial Calibration

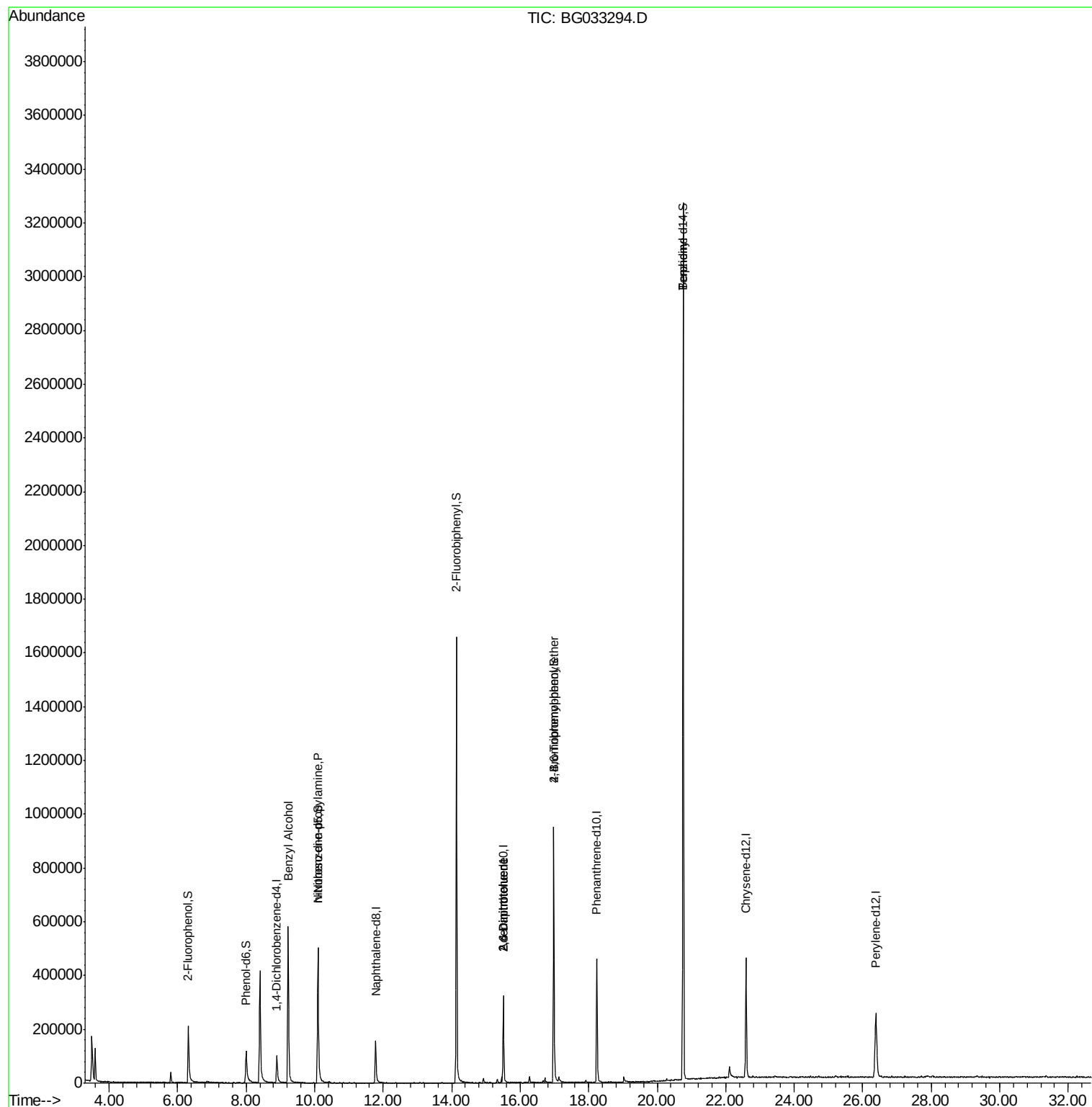
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	40046	20.00	ng	0.00
21) Naphthalene-d8	11.77	136	166970	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	130015	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	335480	20.00	ng	0.00
75) Chrysene-d12	22.59	240	339595	20.00	ng	0.00
86) Perylene-d12	26.39	264	351865	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	118905	55.68	ng	0.00
7) Phenol-d6	8.00	99	110855	30.21	ng	0.00
23) Nitrobenzene-d5	10.09	82	388572	106.92	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	197316	101.47	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	944187	104.84	ng	0.00
78) Terphenyl-d14	20.76	244	1587388	99.97	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.22	79	6568	2.273	ng	# 45
19) n-Nitroso-di-n-propylamine	10.09	70	51667	19.215	ng	# 76
50) 2,6-Dinitrotoluene	15.51	165	16927	7.316	ng	# 20
56) 2,4-Dinitrotoluene	15.51	165	16925	4.968	ng	# 18
66) 4-Bromophenyl-phenylether	16.98	248	15576	3.953	ng	# 1
76) Benzidine	20.76	184	26024	2.826	ng	# 91

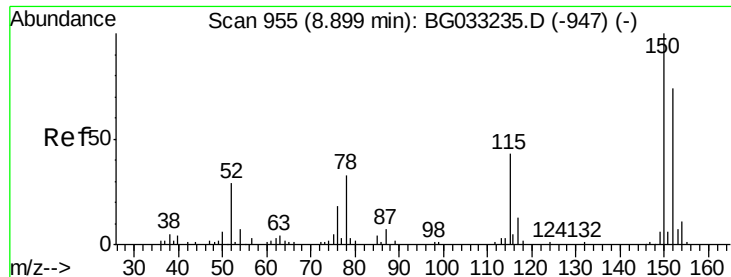
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032218\
Data File : BG033294.D
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 22 17:33:14 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 22 17:32:09 2018
Response via : Initial Calibration



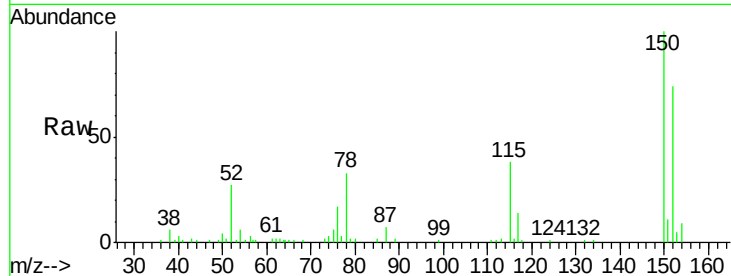


#1

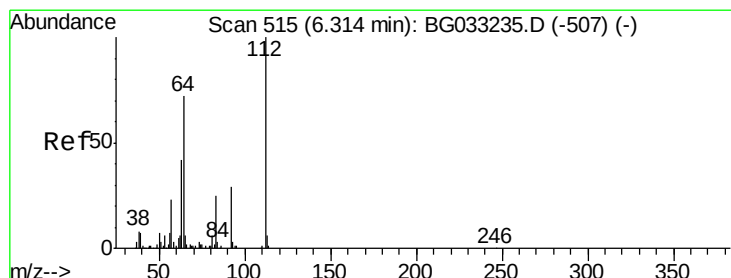
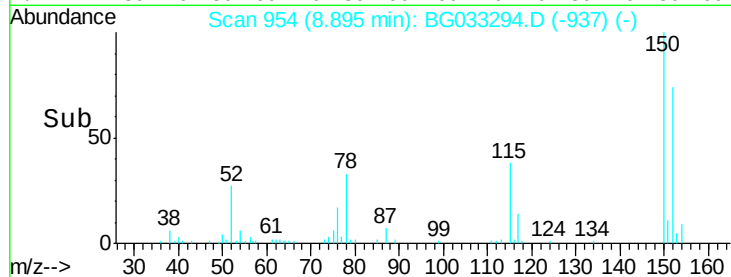
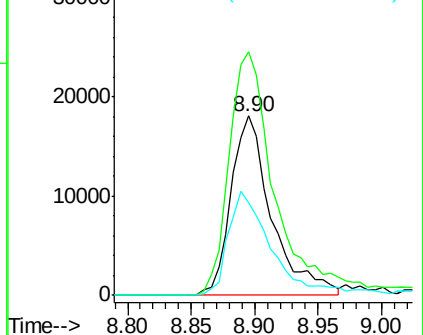
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.90 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG033294.D
Acq: 22 Mar 2018 14:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 40046
Ion Ratio Lower Upper
152 100
150 135.6 126.6 189.8
115 51.3 53.0 79.4#



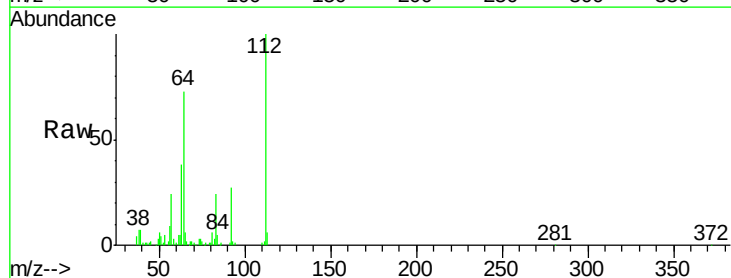
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



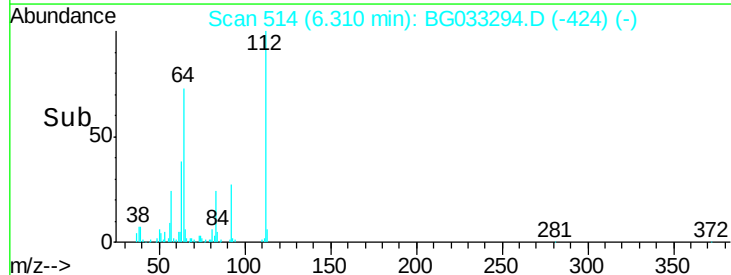
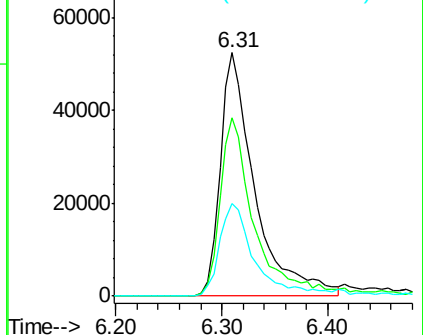
#5

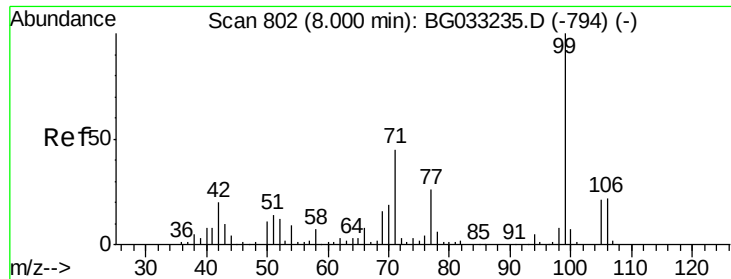
2-Fluorophenol
Concen: 55.676 ng
RT: 6.31 min Scan# 514
Delta R.T. -0.00 min
Lab File: BG033294.D
Acq: 22 Mar 2018 14:49

Tgt Ion:112 Resp: 118905
Ion Ratio Lower Upper
112 100
64 73.4 56.3 84.5
63 37.8 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: 30.210 ng

RT: 8.00 min Scan# 801

Delta R.T. -0.00 min

Lab File: BG033294.D

Acq: 22 Mar 2018 14:49

Instrument :

BNA_G

ClientSampled :

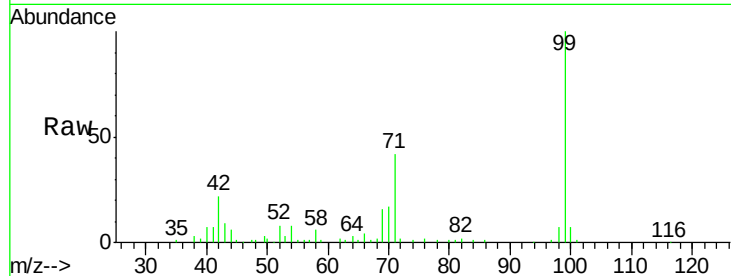
Tot Ion: 99 Resp: 110855

Ion Ratio Lower Upper

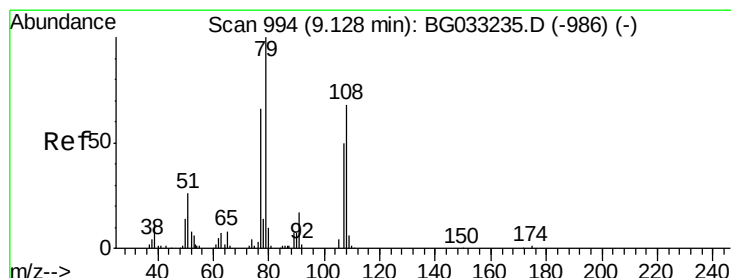
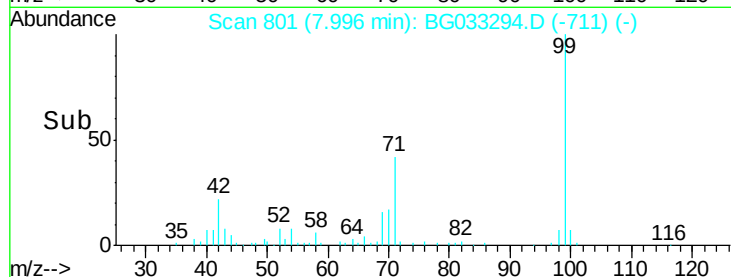
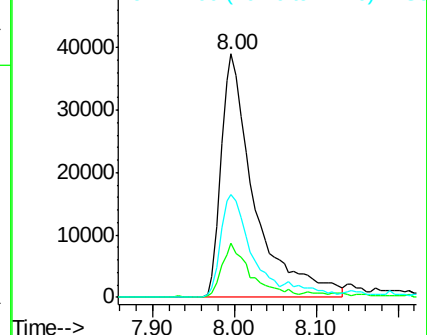
99 100

42 22.5 14.1 21.1#

71 42.4 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: 2.273 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.10 min

Lab File: BG033294.D

Acq: 22 Mar 2018 14:49

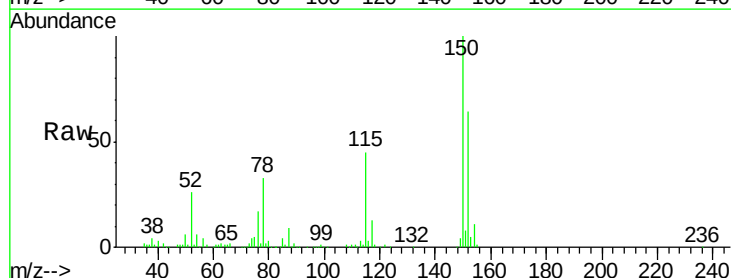
Tgt Ion: 79 Resp: 6568

Ion Ratio Lower Upper

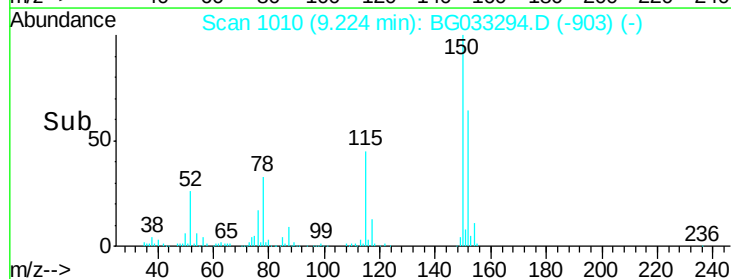
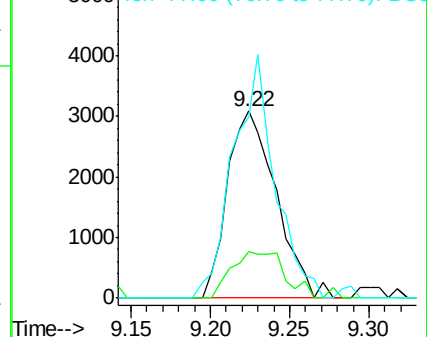
79 100

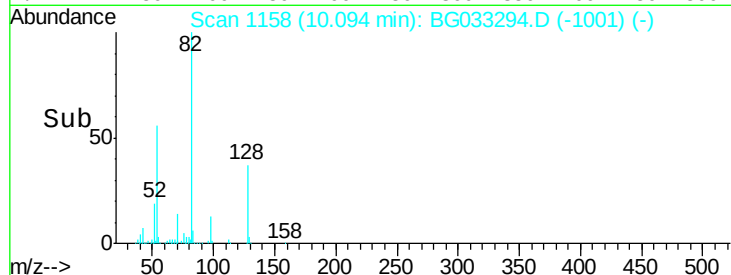
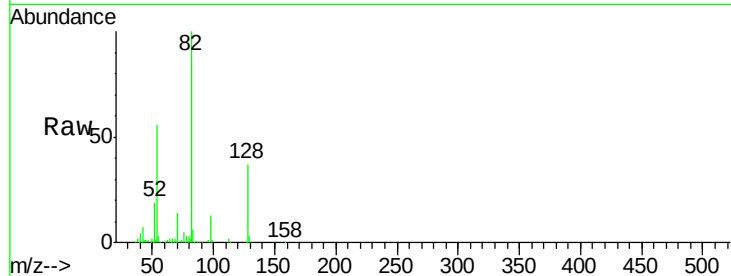
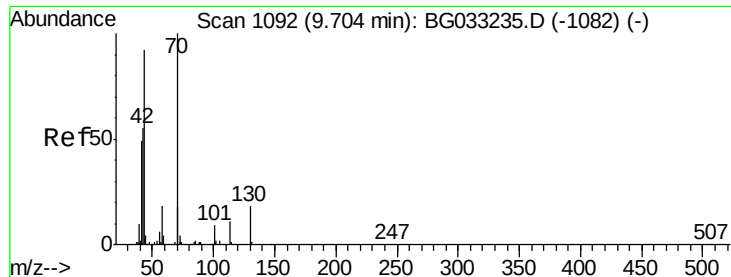
108 25.1 57.2 85.8#

77 97.0 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

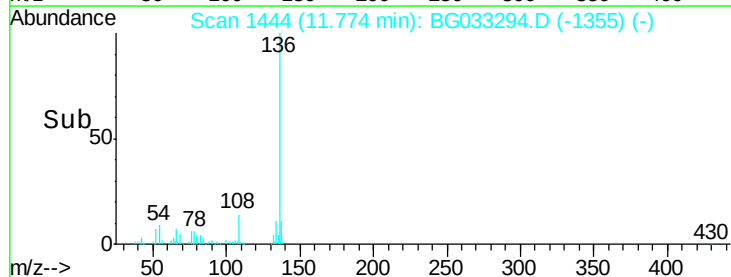
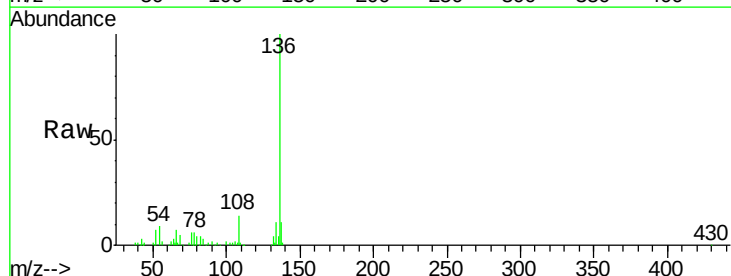
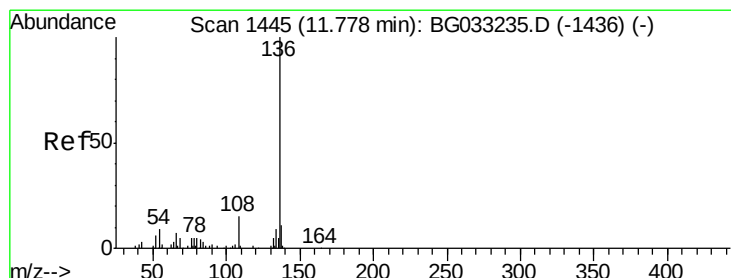
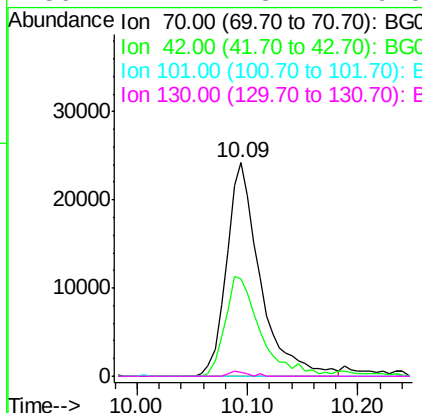




#19
n-Nitroso-di-n-propylamine
Concen: 19.215 ng
RT: 10.09 min Scan# 1158
Delta R.T. 0.39 min
Lab File: BG033294.D
Acq: 22 Mar 2018 14:49

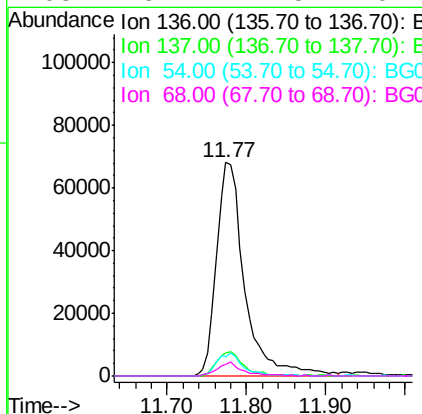
Instrument :
BNA_G
ClientSampleId :

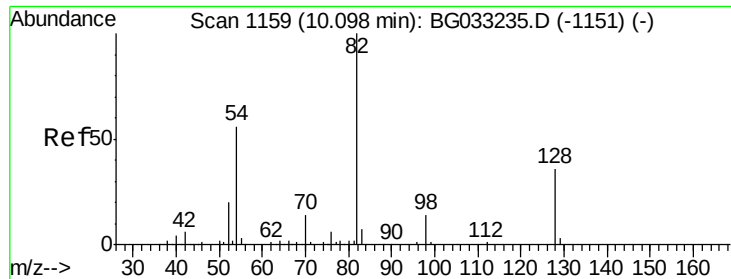
Tot Ion	Ratio	Lower	Upper
70	100		
42	45.7	49.1	73.7#
101	0.0	8.5	12.7#
130	2.1	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.77 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BG033294.D
Acq: 22 Mar 2018 14:49

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	8.9	10.3	15.5#
68	5.2	4.5	6.7

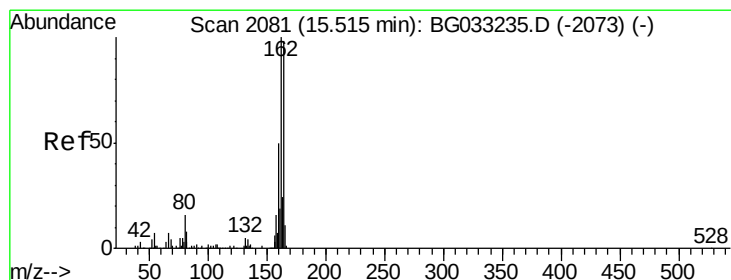
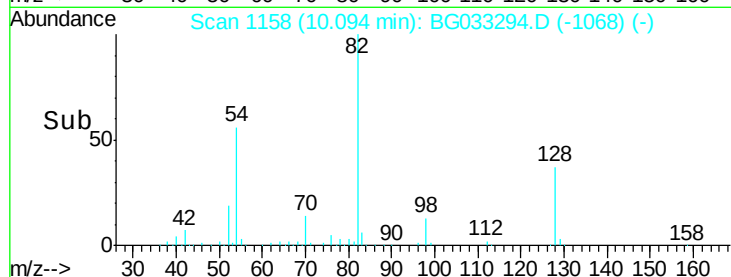
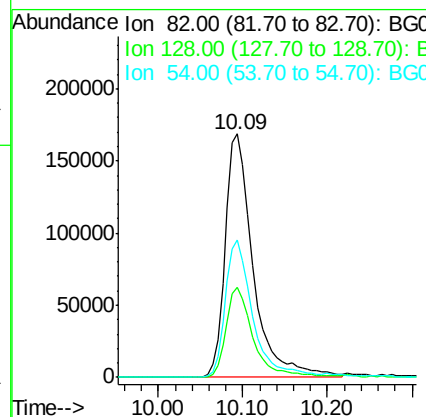
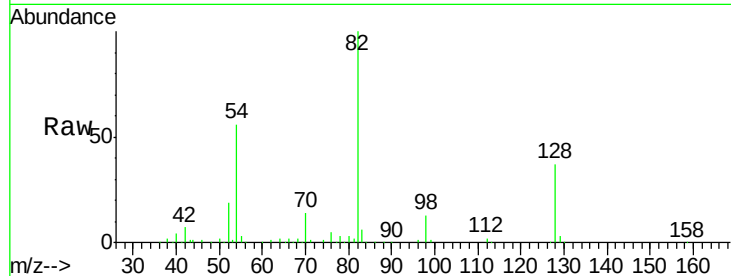




#23
Nitrobenzene-d5
Concen: 106.921 ng
RT: 10.09 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BG033294.D
Acq: 22 Mar 2018 14:49

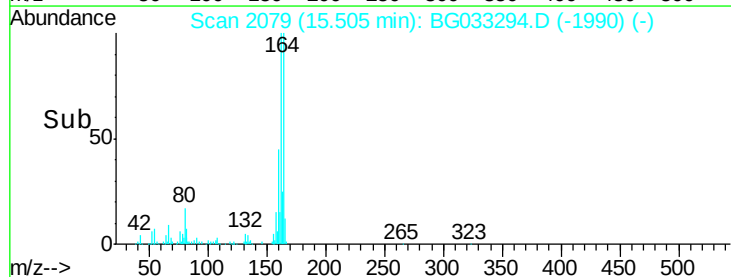
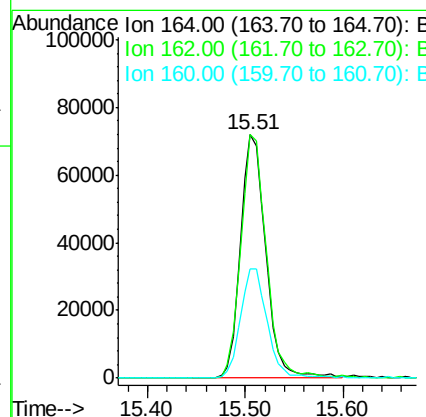
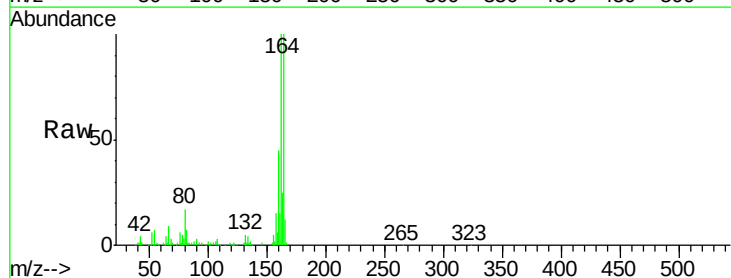
Instrument :
BNA_G
ClientSampled :

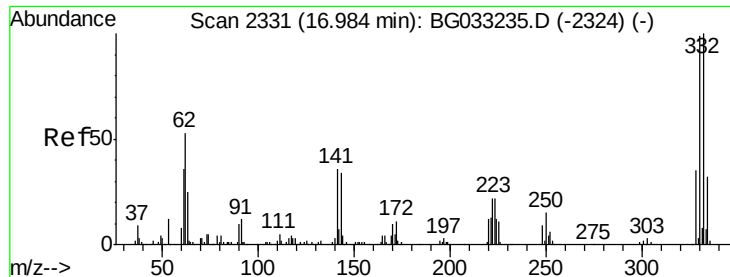
Tot Ion	82	Resp	388572
Ion Ratio	Lower	Upper	
82	100		
128	37.1	29.7	44.5
54	56.3	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.51 min Scan# 2079
Delta R.T. -0.01 min
Lab File: BG033294.D
Acq: 22 Mar 2018 14:49

Tgt Ion	164	Resp	130015
Ion Ratio	Lower	Upper	
164	100		
162	99.8	78.8	118.2
160	44.6	35.4	53.0





#41

2,4,6-Tribromophenol

Concen: 101.473 ng

RT: 16.98 min Scan# 2330

Delta R.T. -0.01 min

Lab File: BG033294.D

Acq: 22 Mar 2018 14:49

Instrument :

BNA_G

ClientSampleId :

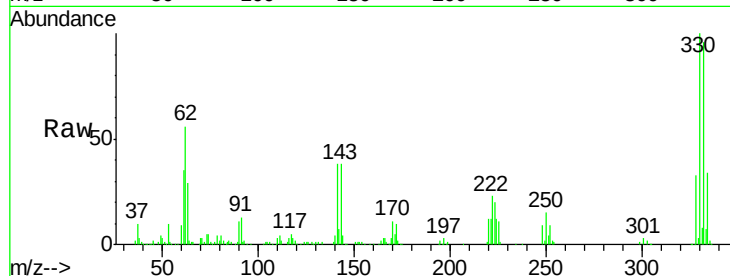
Tot Ion:330 Resp: 197316

Ion Ratio Lower Upper

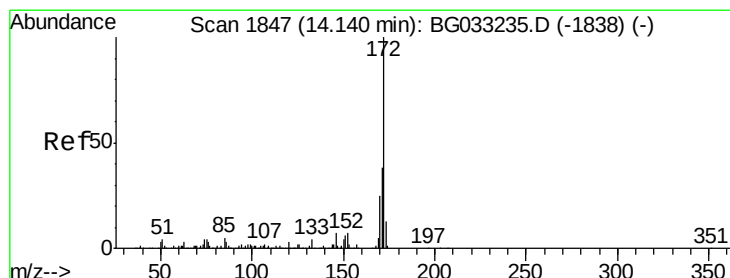
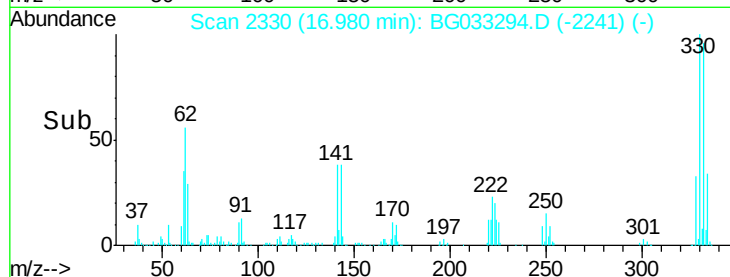
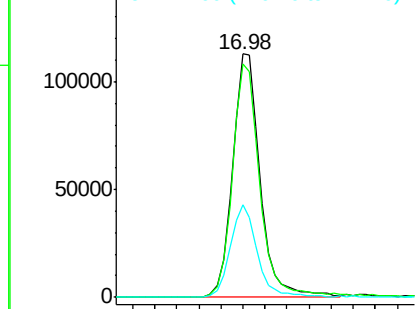
330 100

332 97.0 77.0 115.6

141 37.0 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: 104.839 ng

RT: 14.14 min Scan# 1846

Delta R.T. -0.00 min

Lab File: BG033294.D

Acq: 22 Mar 2018 14:49

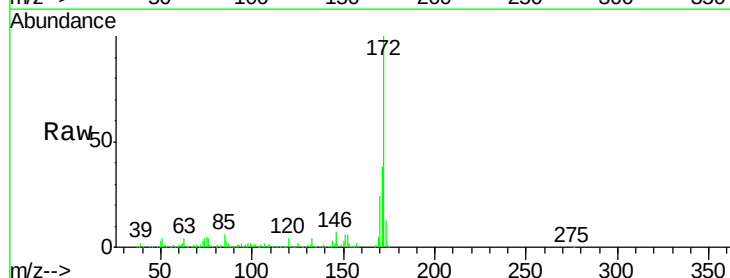
Tgt Ion:172 Resp: 944187

Ion Ratio Lower Upper

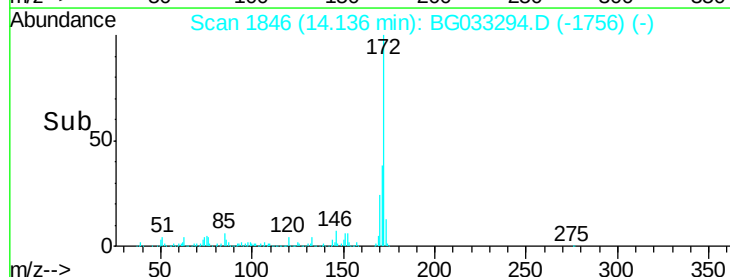
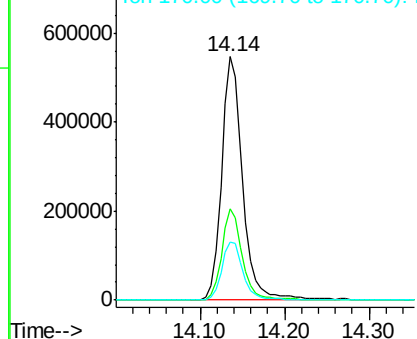
172 100

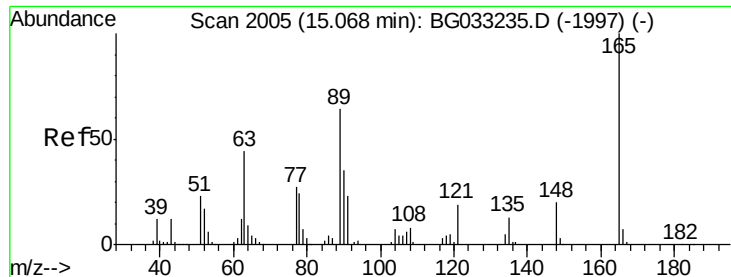
171 37.6 30.0 45.0

170 24.0 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

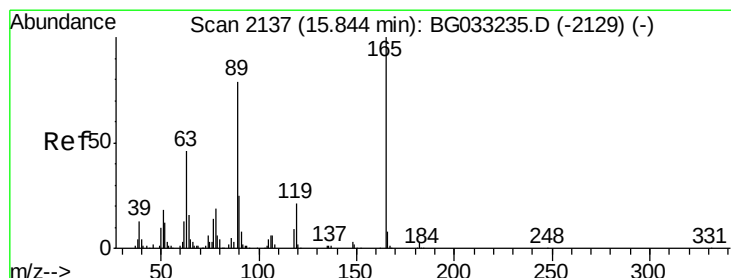
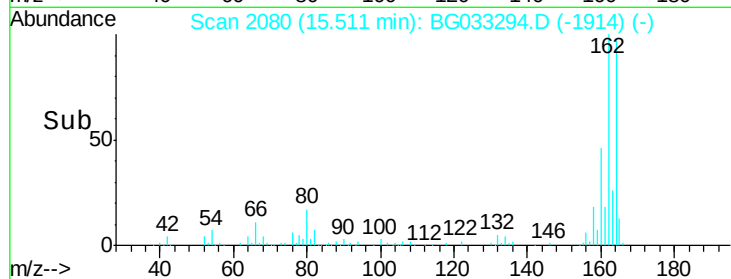
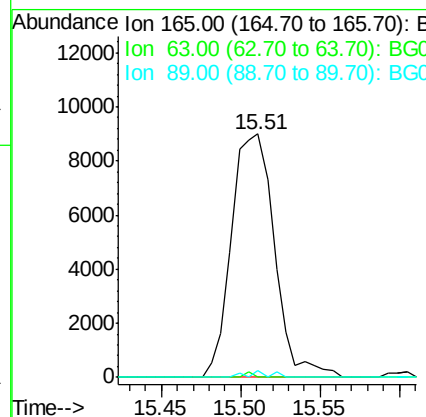
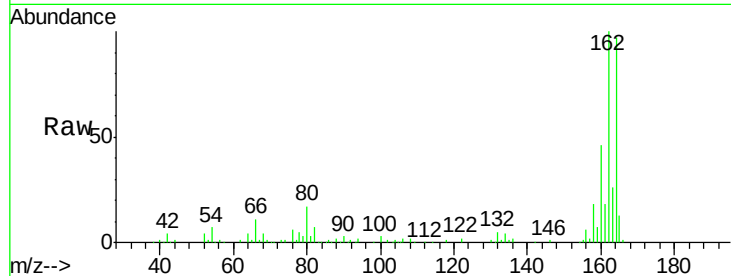




#50
 2,6-Dinitrotoluene
 Concen: 7.316 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. 0.45 min
 Lab File: BG033294.D
 Acq: 22 Mar 2018 14:49

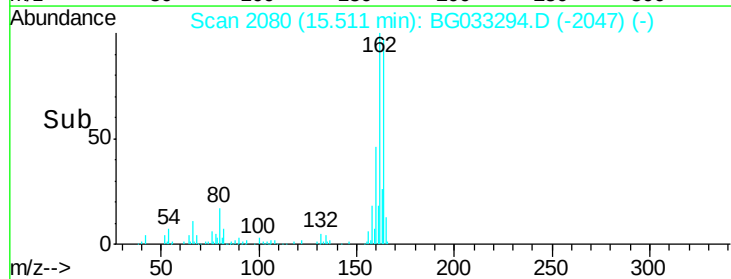
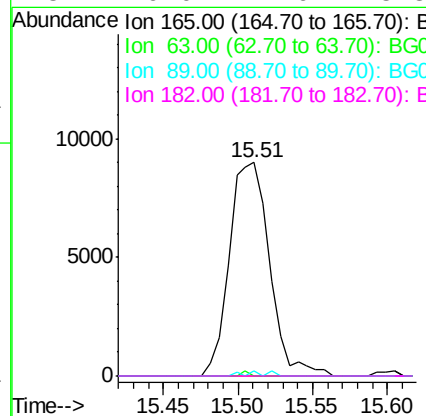
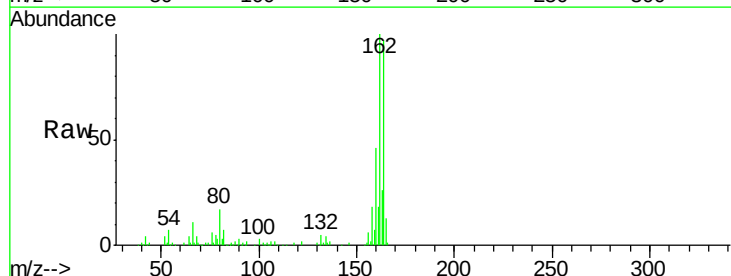
Instrument :
 BNA_G
 ClientSampleId :

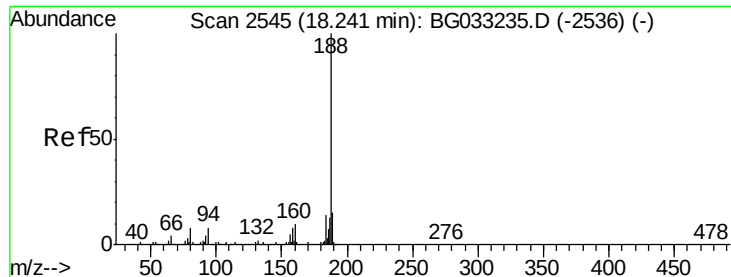
Tot Ion:165 Resp: 16927
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 2.6 49.2 73.8#



#56
 2,4-Dinitrotoluene
 Concen: 4.968 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. -0.34 min
 Lab File: BG033294.D
 Acq: 22 Mar 2018 14:49

Tgt Ion:165 Resp: 16925
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 2.6 66.9 100.3#
 182 0.0 2.6 3.8#

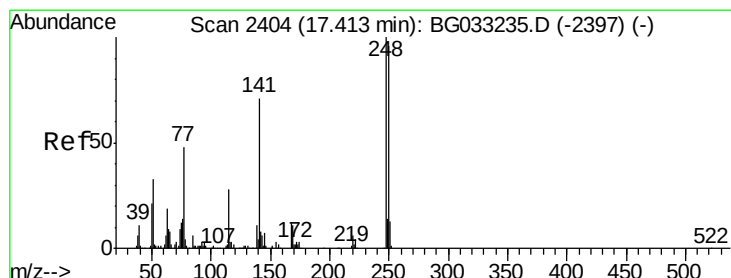
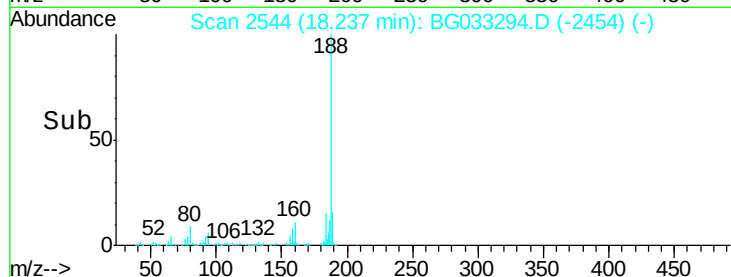
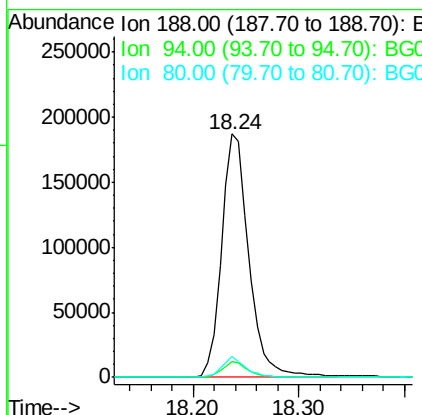
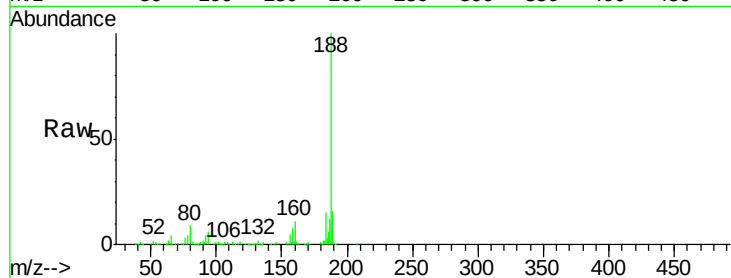




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.24 min Scan# 2544
Delta R.T. -0.00 min
Lab File: BG033294.D
Acq: 22 Mar 2018 14:49

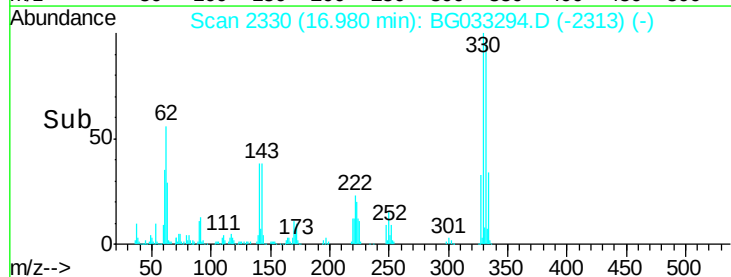
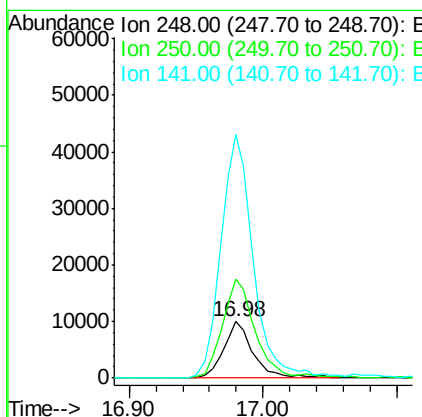
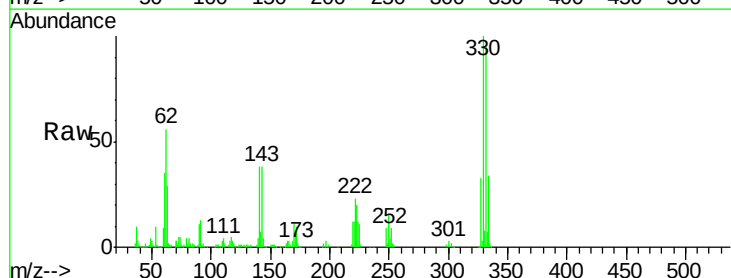
Instrument :
BNA_G
ClientSampled :

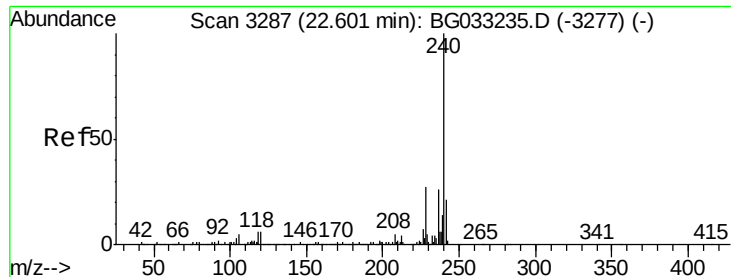
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.3	6.9	10.3#
80	8.6	7.7	11.5



#66
4-Bromophenyl-phenylether
Concen: 3.953 ng
RT: 16.98 min Scan# 2330
Delta R.T. -0.43 min
Lab File: BG033294.D
Acq: 22 Mar 2018 14:49

Tgt Ion	Ratio	Lower	Upper
248	100		
250	174.1	77.1	115.7#
141	430.0	50.8	76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.59 min Scan# 3285

Delta R.T. -0.01 min

Lab File: BG033294.D

Acq: 22 Mar 2018 14:49

Instrument :

BNA_G

ClientSampleId :

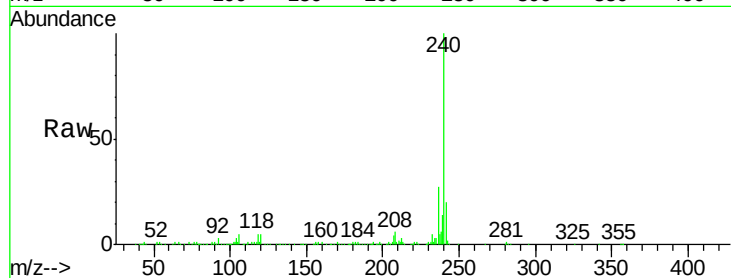
Tot Ion:240 Resp: 339595

Ion Ratio Lower Upper

240 100

120 5.0 6.8 10.2#

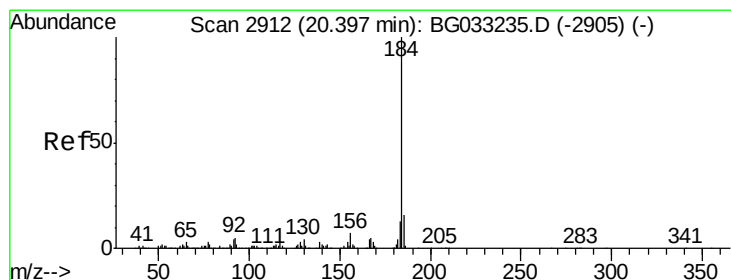
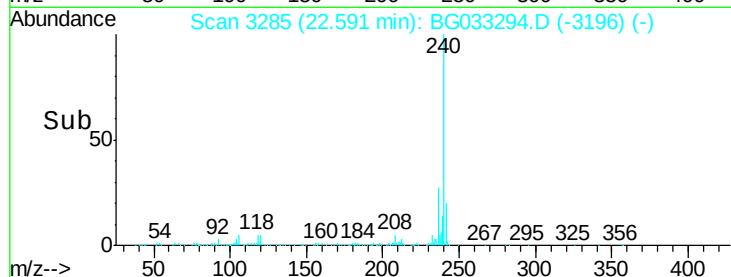
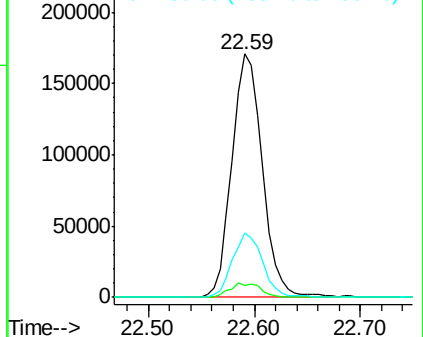
236 26.5 20.9 31.3



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: 2.826 ng

RT: 20.76 min Scan# 2973

Delta R.T. 0.36 min

Lab File: BG033294.D

Acq: 22 Mar 2018 14:49

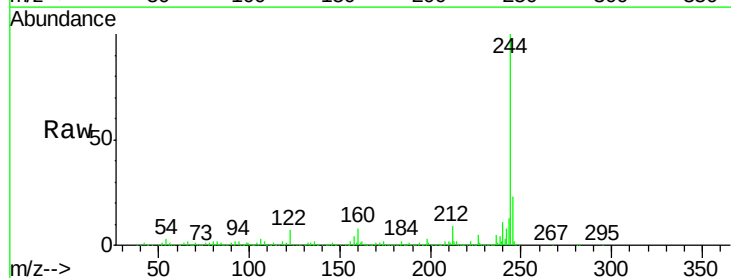
Tgt Ion:184 Resp: 26024

Ion Ratio Lower Upper

184 100

185 16.6 11.1 16.7

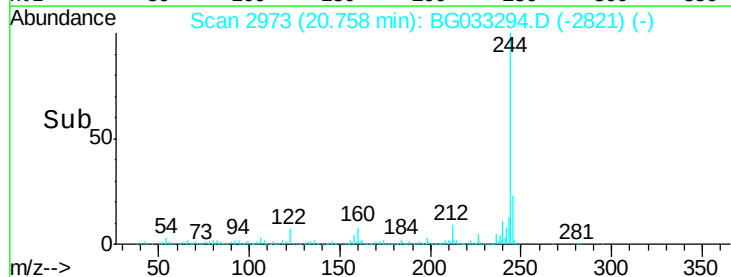
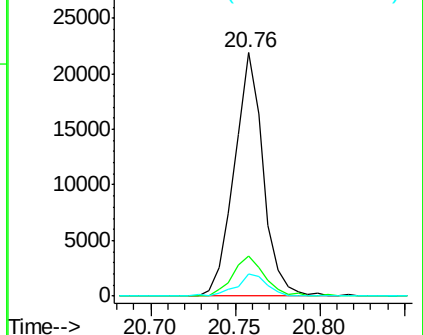
183 9.0 10.6 16.0#

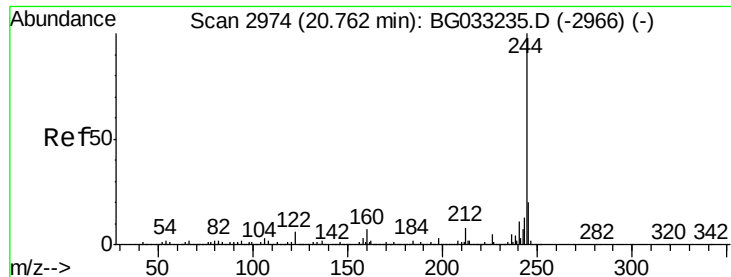


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



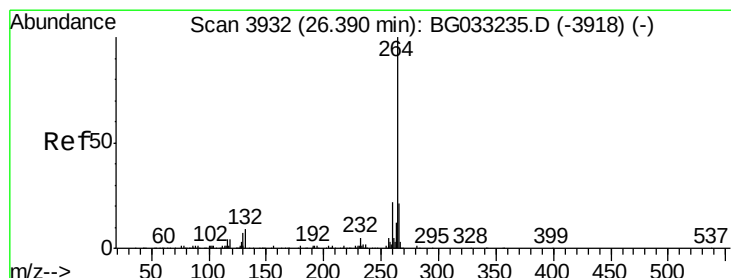
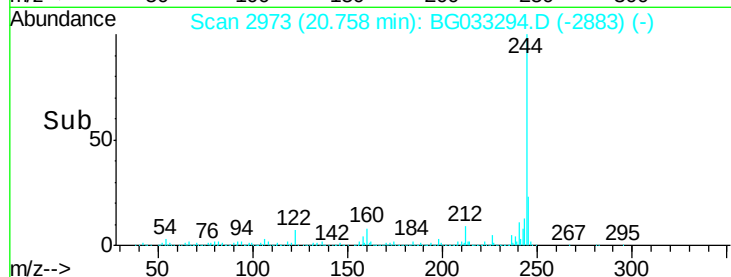
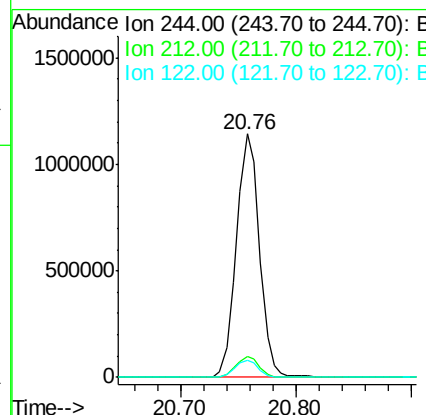
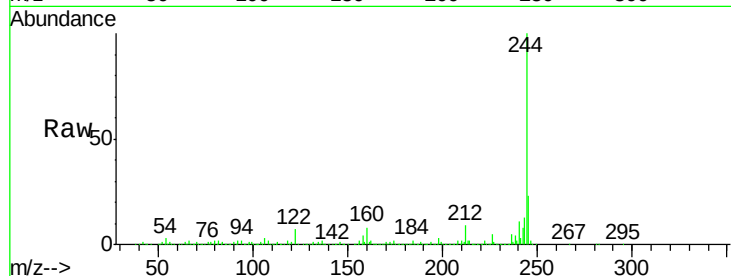


#78
 Terphenyl-d14
 Concen: 99.966 ng
 RT: 20.76 min Scan# 2973
 Delta R.T. -0.00 min
 Lab File: BG033294.D
 Acq: 22 Mar 2018 14:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1587388

Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	7.0	7.0	10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.39 min Scan# 3931
 Delta R.T. -0.00 min
 Lab File: BG033294.D
 Acq: 22 Mar 2018 14:49

Tgt Ion:264 Resp: 351865

Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	20.2	17.7	26.5

