

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020818\
 Data File : BG032629.D
 Acq On : 9 Feb 2018 4:46
 Operator : SJ/JU
 Sample : J1485-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 09 06:20:14 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 18:57:08 2018
 Response via : Initial Calibration

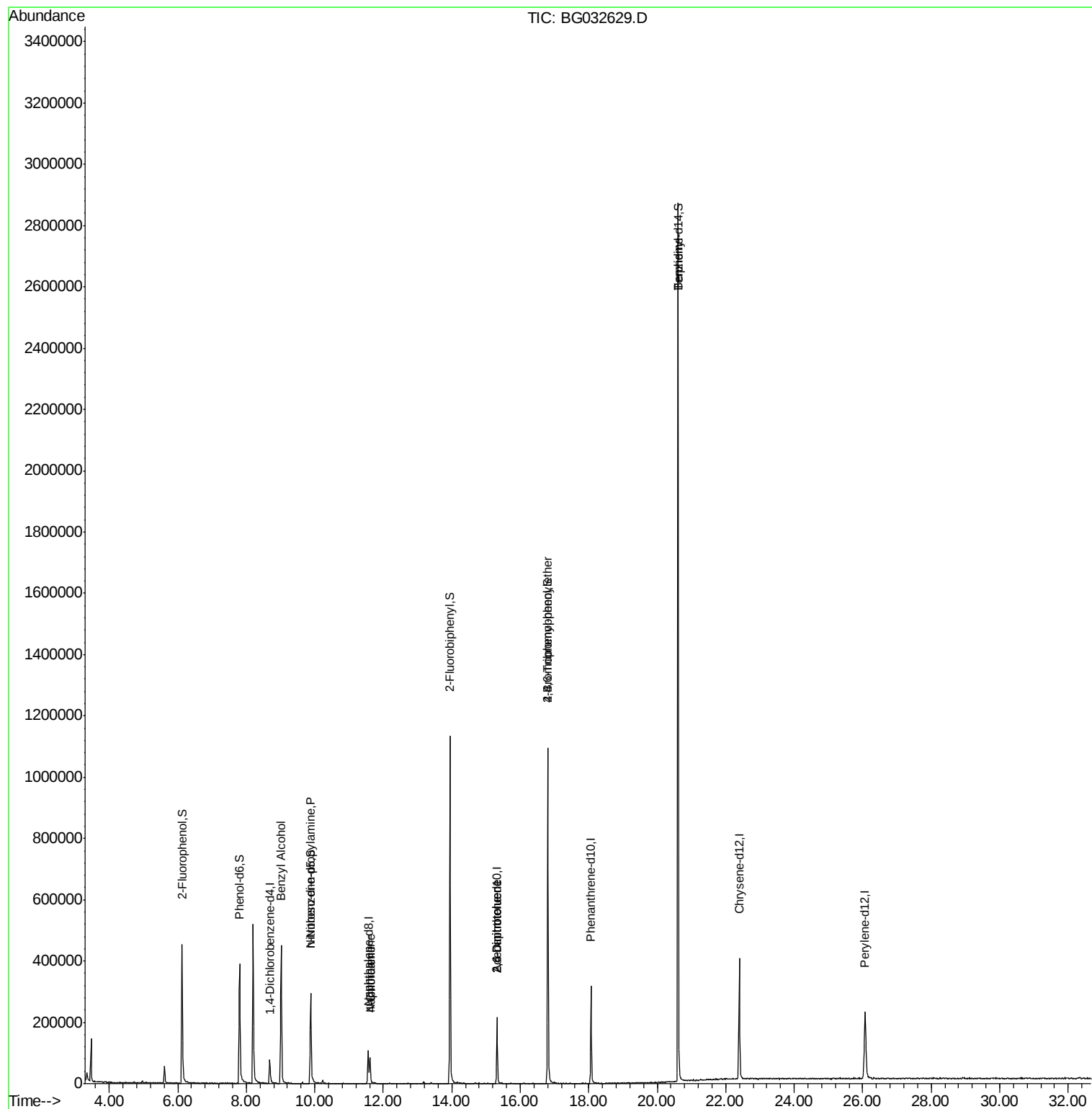
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	31821	20.00	ng	-0.03
21) Naphthalene-d8	11.56	136	117650	20.00	ng	-0.02
38) Acenaphthene-d10	15.32	164	85650	20.00	ng	-0.02
63) Phenanthrene-d10	18.06	188	250561	20.00	ng	-0.01
75) Chrysene-d12	22.39	240	334203	20.00	ng	-0.01
86) Perylene-d12	26.07	264	317022	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.13	112	242629	153.15	ng	-0.02
7) Phenol-d6	7.80	99	268520	127.02	ng	-0.02
23) Nitrobenzene-d5	9.88	82	209251	111.09	ng	-0.03
41) 2,4,6-Tribromophenol	16.80	330	247773	151.98	ng	-0.02
44) 2-Fluorobiphenyl	13.95	172	712444	98.87	ng	-0.02
78) Terphenyl-d14	20.61	244	1560440	100.02	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.02	79	3925	2.25	ng	# 42
19) n-Nitroso-di-n-propylamine	9.89	70	29963	21.38	ng	# 72
31) Naphthalene	11.61	128	86995	15.14	ng	# 98
33) 4-Chloroaniline	11.61	127	12196	4.76	ng	# 44
50) 2,6-Dinitrotoluene	15.32	165	11534	6.96	ng	# 18
56) 2,4-Dinitrotoluene	15.32	165	11534	4.89	ng	# 16
66) 4-Bromophenyl-phenylether	16.80	248	22648	6.10	ng	# 1
76) Benzidine	20.60	184	24429	3.72	ng	# 94

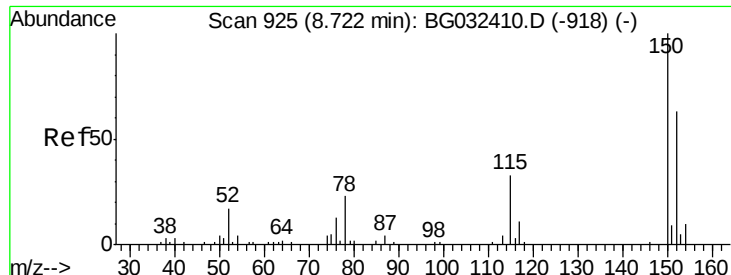
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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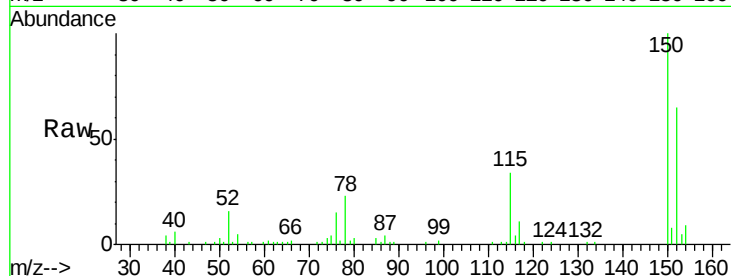


#1

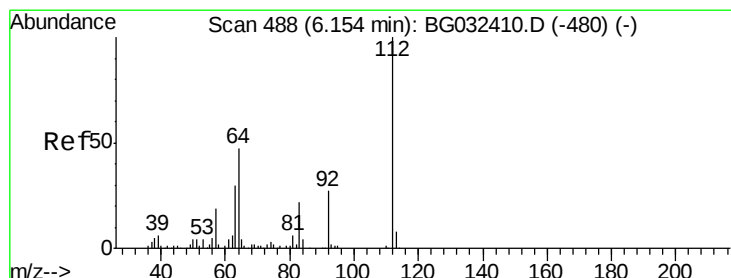
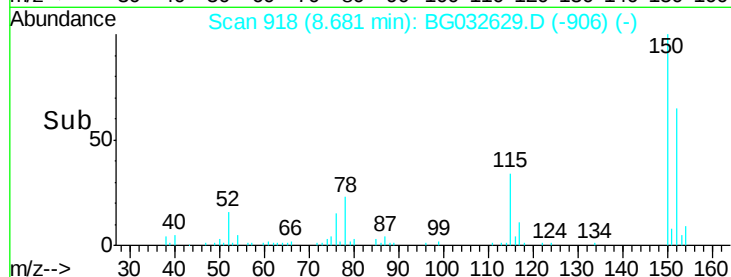
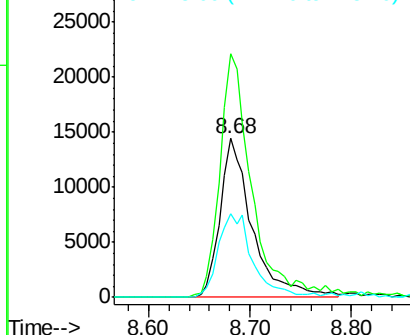
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.68 min Scan# 918
Delta R.T. -0.03 min
Lab File: BG032629.D
Acq: 9 Feb 2018 4:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 31821
Ion Ratio Lower Upper
152 100
150 153.6 126.6 189.8
115 52.8 53.0 79.4#



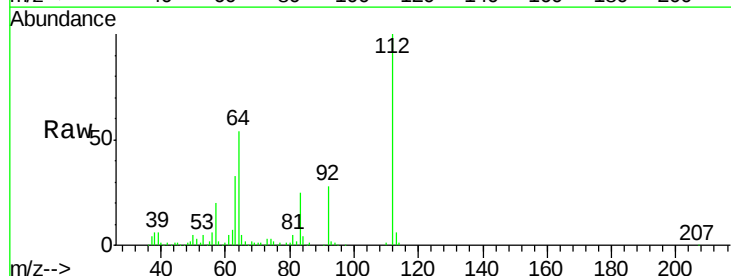
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



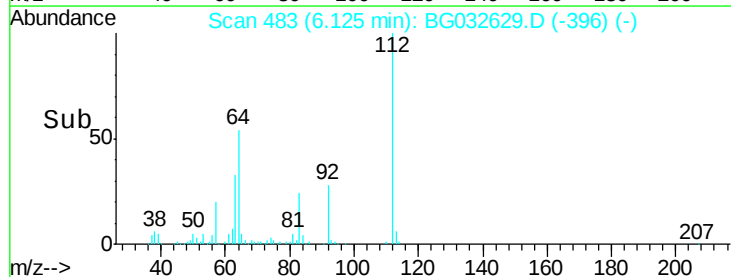
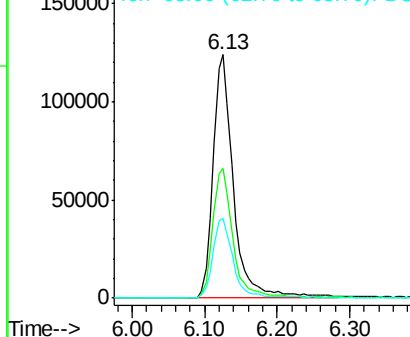
#5

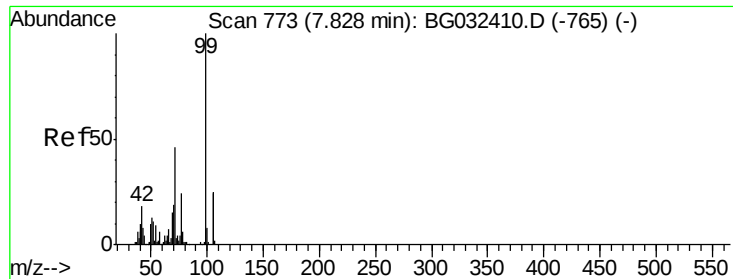
2-Fluorophenol
Concen: 153.15 ng
RT: 6.13 min Scan# 483
Delta R.T. -0.02 min
Lab File: BG032629.D
Acq: 9 Feb 2018 4:46

Tgt Ion:112 Resp: 242629
Ion Ratio Lower Upper
112 100
64 53.5 56.3 84.5#
63 32.8 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: 127.02 ng

RT: 7.80 min Scan# 768

Delta R.T. -0.02 min

Lab File: BG032629.D

Acq: 9 Feb 2018 4:46

Instrument :

BNA_G

ClientSampleId :

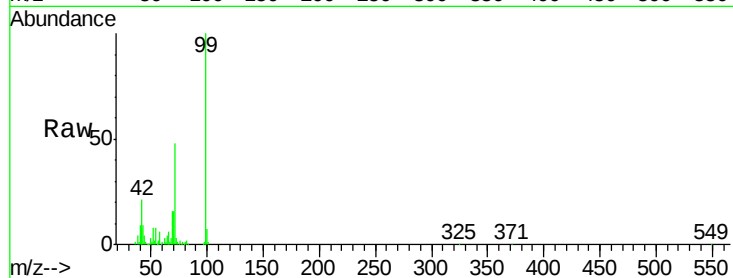
Tot Ion: 99 Resp: 268520

Ion Ratio Lower Upper

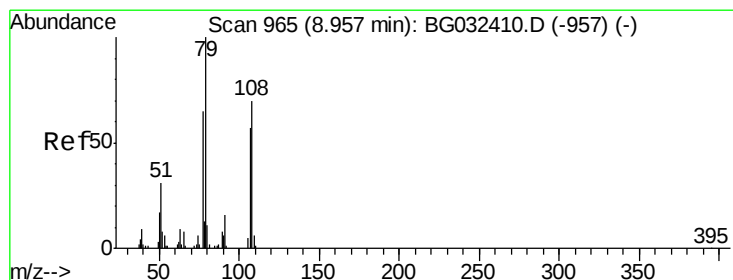
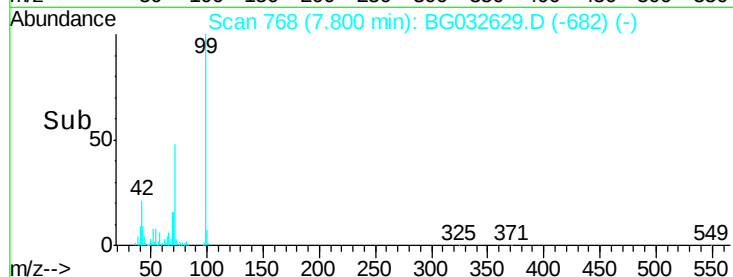
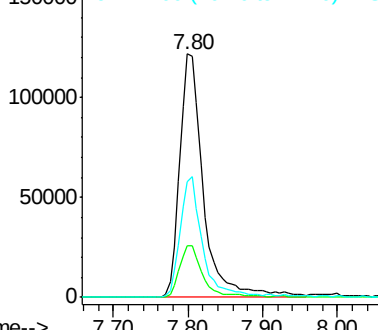
99 100

42 21.4 14.1 21.1#

71 47.6 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: 2.25 ng

RT: 9.02 min Scan# 975

Delta R.T. 0.07 min

Lab File: BG032629.D

Acq: 9 Feb 2018 4:46

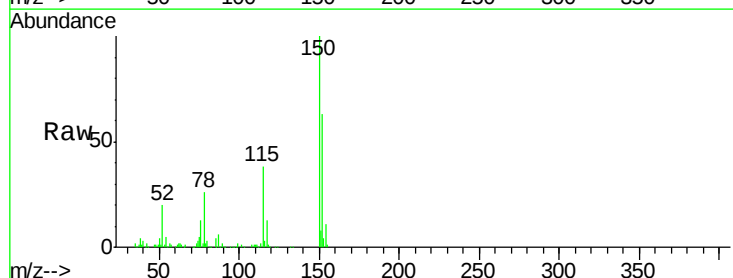
Tgt Ion: 79 Resp: 3925

Ion Ratio Lower Upper

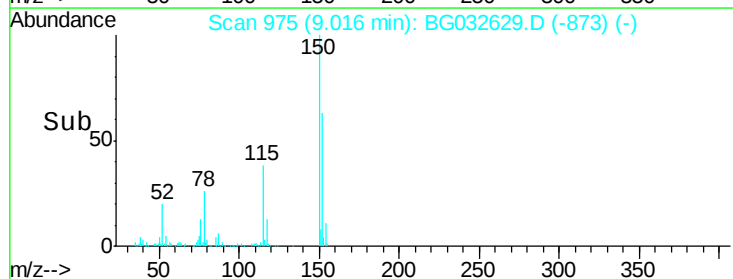
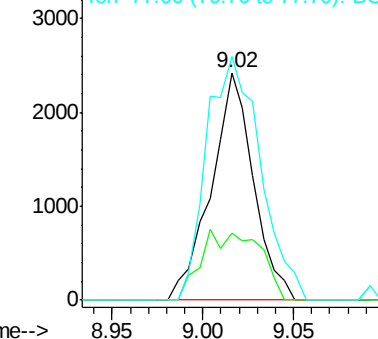
79 100

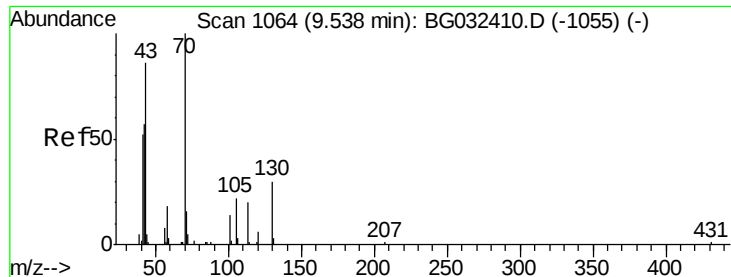
108 29.5 57.2 85.8#

77 107.1 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

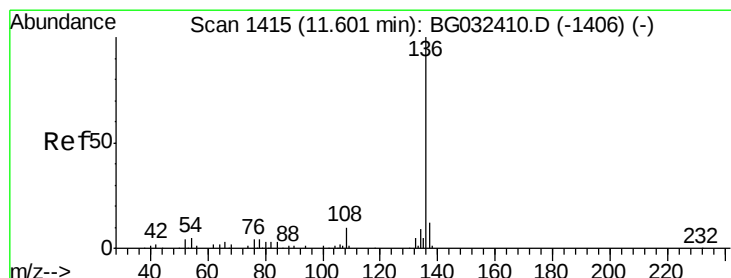
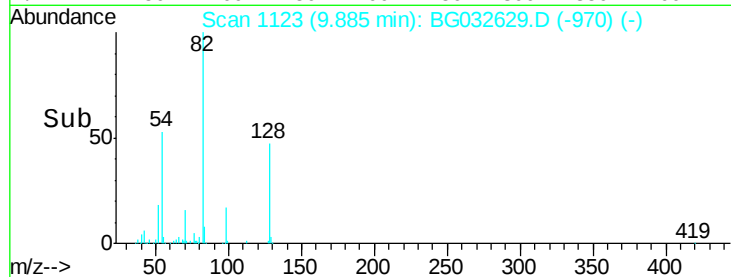
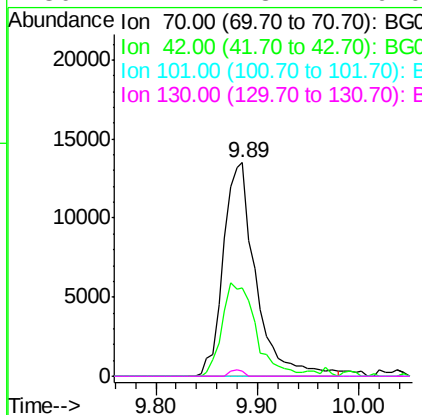
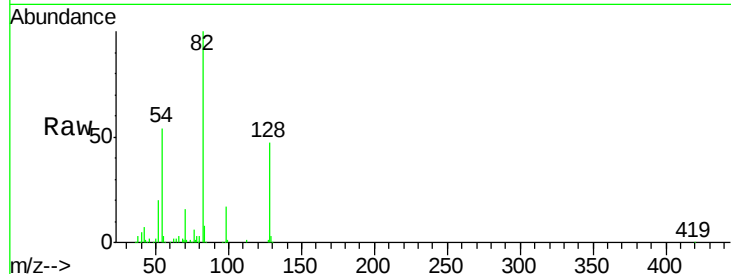




#19
 n-Nitroso-di-n-propylamine
 Concen: 21.38 ng
 RT: 9.89 min Scan# 1123
 Delta R.T. 0.37 min
 Lab File: BG032629.D
 Acq: 9 Feb 2018 4:46

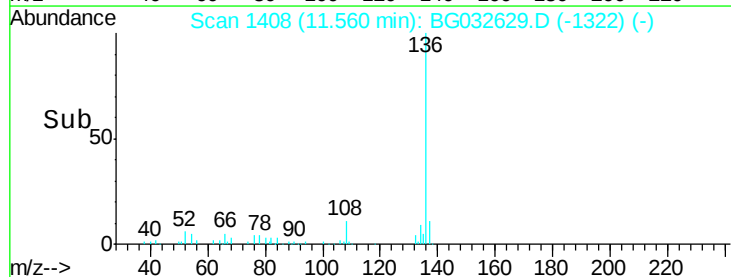
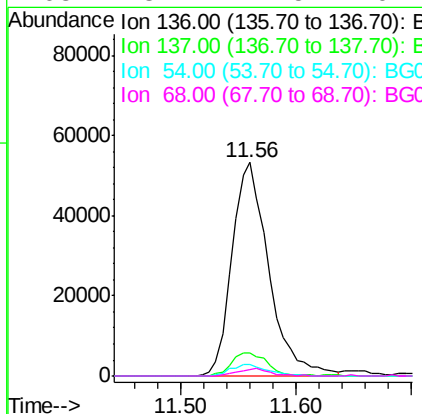
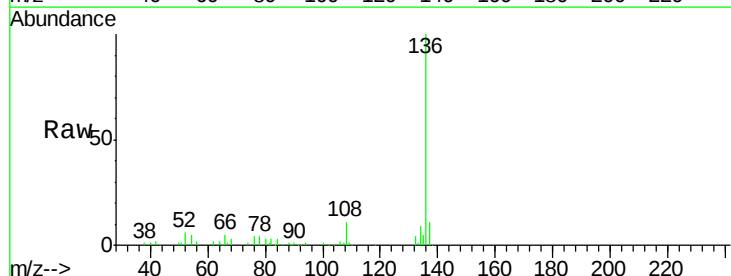
Instrument :
 BNA_G
 ClientSampleId :

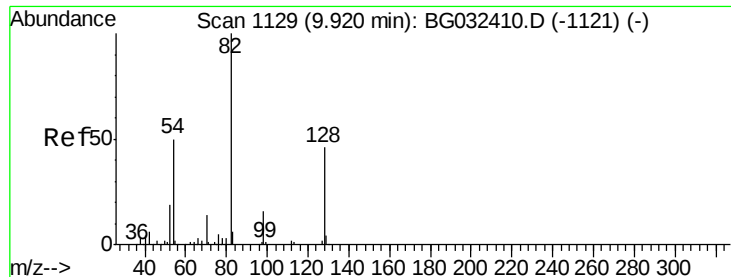
Tot Ion: 70 Resp: 29963
 Ion Ratio Lower Upper
 70 100
 42 41.4 49.1 73.7#
 101 0.0 8.5 12.7#
 130 2.4 13.4 20.0#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 11.56 min Scan# 1408
 Delta R.T. -0.02 min
 Lab File: BG032629.D
 Acq: 9 Feb 2018 4:46

Tgt Ion: 136 Resp: 117650
 Ion Ratio Lower Upper
 136 100
 137 10.9 9.2 13.8
 54 5.5 10.3 15.5#
 68 3.1 4.5 6.7#

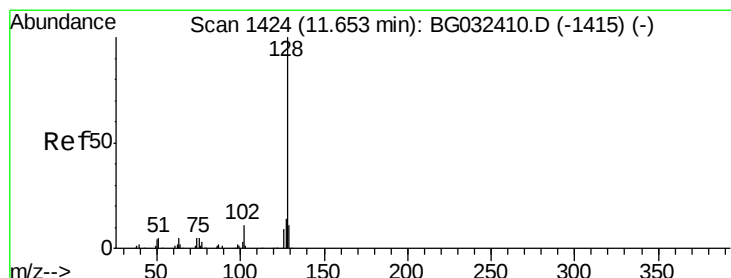
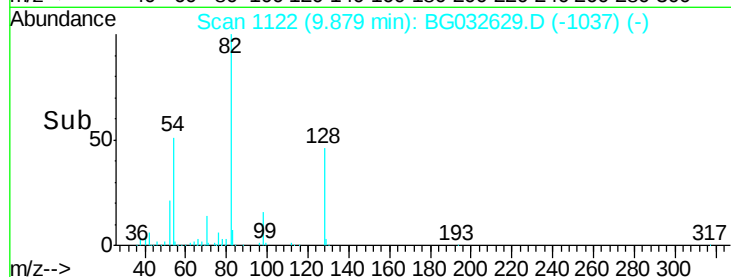
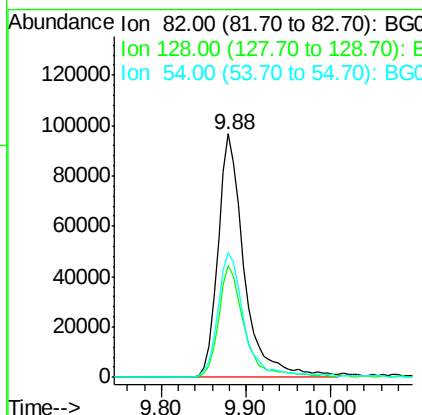
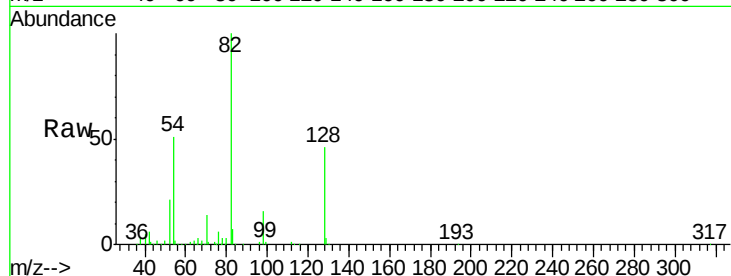




#23
 Nitrobenzene-d5
 Concen: 111.09 ng
 RT: 9.88 min Scan# 1122
 Delta R.T. -0.03 min
 Lab File: BG032629.D
 Acq: 9 Feb 2018 4:46

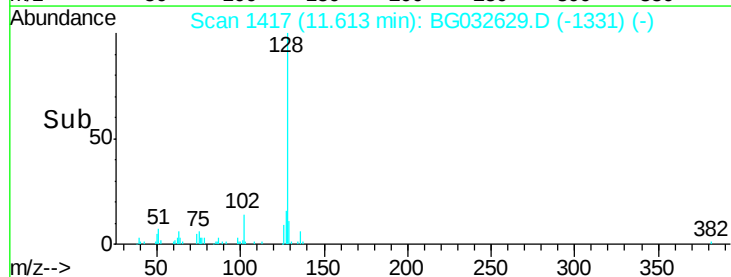
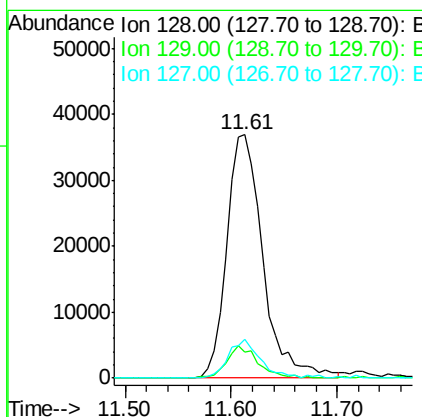
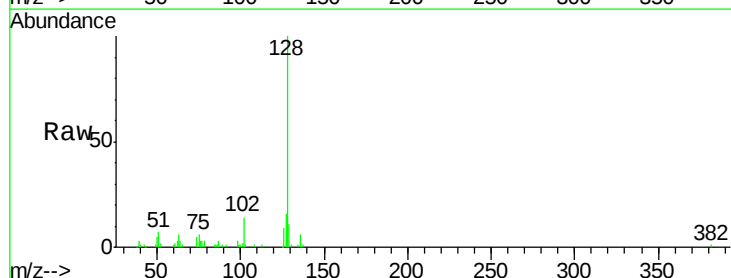
Instrument :
 BNA_G
 ClientSampleId :

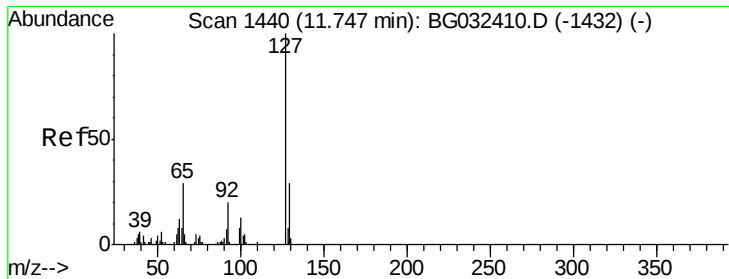
Tot Ion: 82 Resp: 209251
 Ion Ratio Lower Upper
 82 100
 128 46.2 29.7 44.5#
 54 51.1 43.1 64.7



#31
 Naphthalene
 Concen: 15.14 ng
 RT: 11.61 min Scan# 1417
 Delta R.T. -0.02 min
 Lab File: BG032629.D
 Acq: 9 Feb 2018 4:46

Tgt Ion: 128 Resp: 86995
 Ion Ratio Lower Upper
 128 100
 129 10.5 8.6 12.8
 127 16.1 11.6 17.4

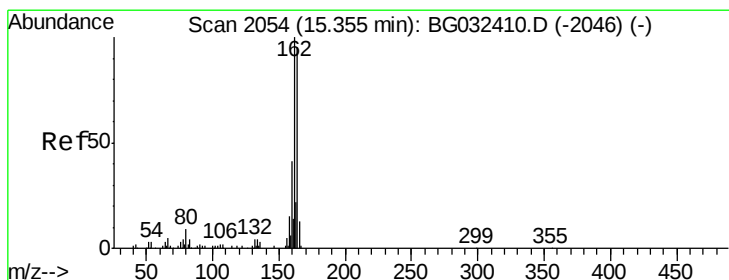
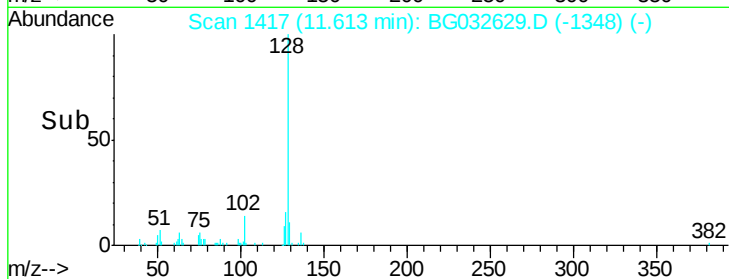
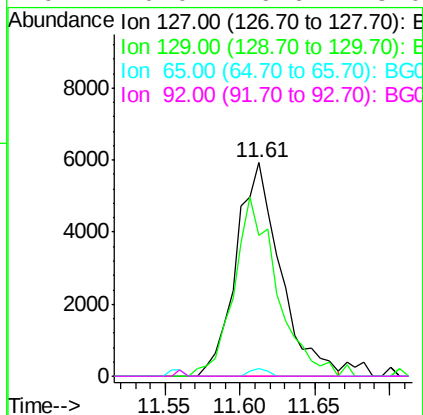
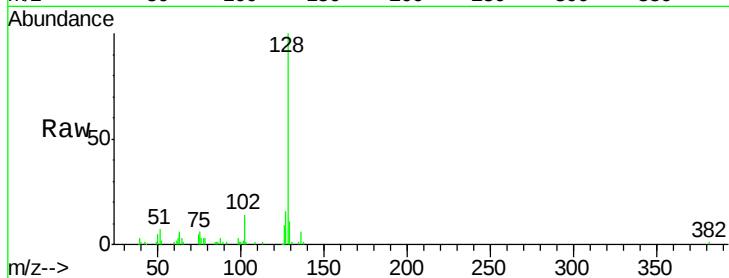




#33
4-Chloroaniline
Concen: 4.76 ng
RT: 11.61 min Scan# 1417
Delta R.T. -0.12 min
Lab File: BG032629.D
Acq: 9 Feb 2018 4:46

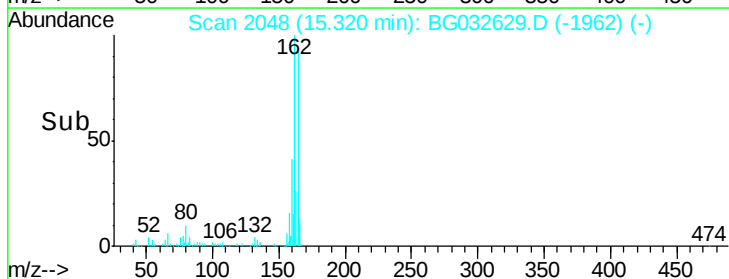
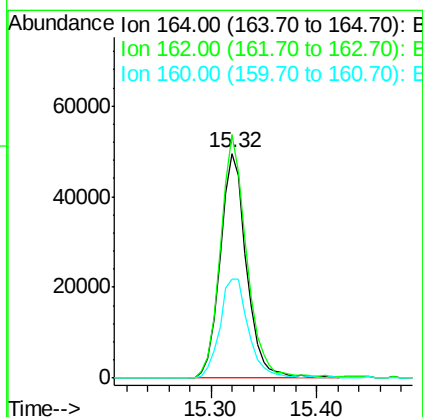
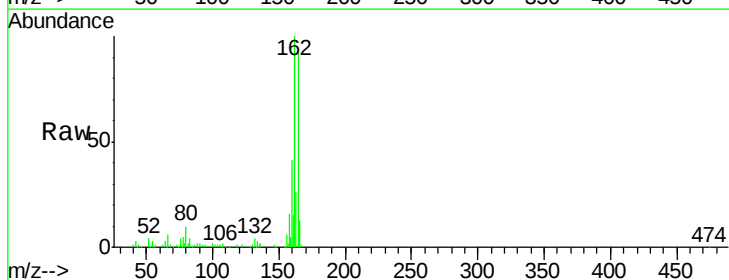
Instrument :
BNA_G
ClientSampleId :

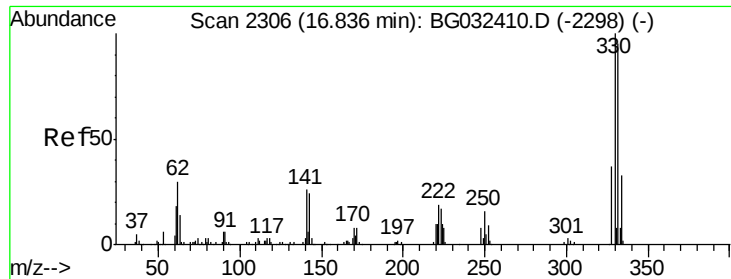
Tot Ion	Ratio	Lower	Upper
127	100		
129	65.7	24.0	36.0#
65	3.4	27.0	40.4#
92	0.0	16.6	25.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.32 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BG032629.D
Acq: 9 Feb 2018 4:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.5	78.8	118.2
160	44.2	35.4	53.0

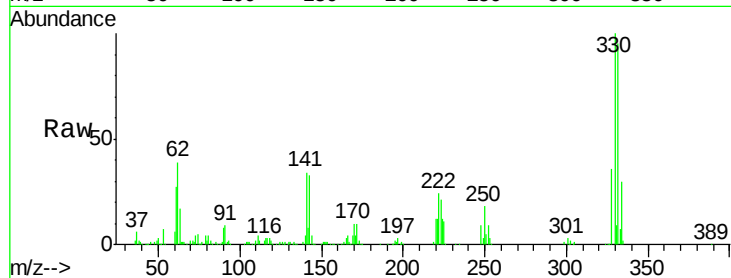




#41
 2,4,6-Tribromophenol
 Concen: 151.98 ng
 RT: 16.80 min Scan# 2300
 Delta R.T. -0.02 min
 Lab File: BG032629.D
 Acq: 9 Feb 2018 4:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	32.4	25.2	37.8

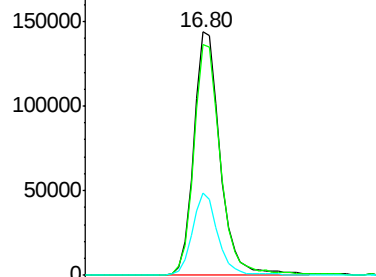


Abundance

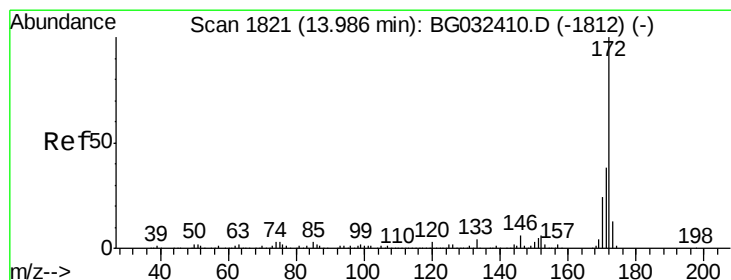
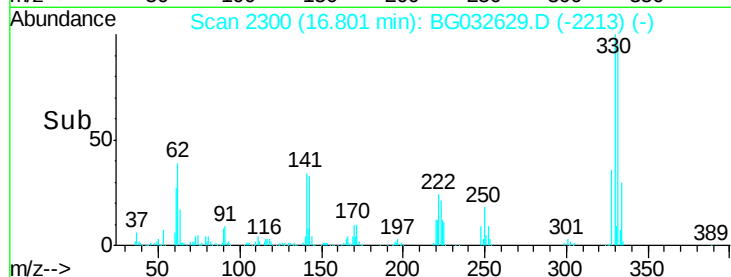
Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

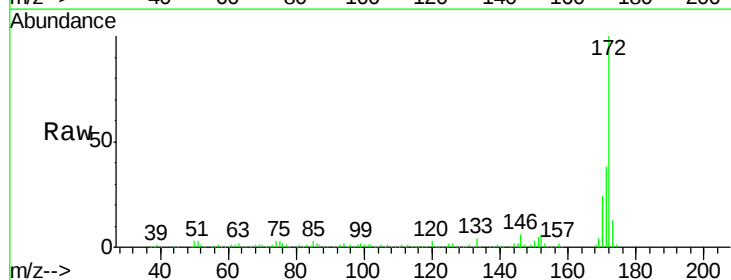


Time--> 16.70 16.80 16.90



#44
 2-Fluorobiphenyl
 Concen: 98.87 ng
 RT: 13.95 min Scan# 1814
 Delta R.T. -0.02 min
 Lab File: BG032629.D
 Acq: 9 Feb 2018 4:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.0	45.0
170	23.8	19.5	29.3

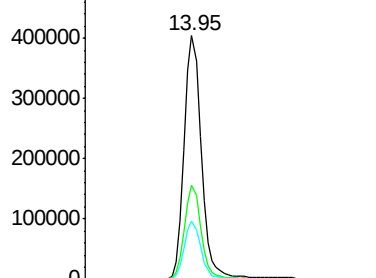


Abundance

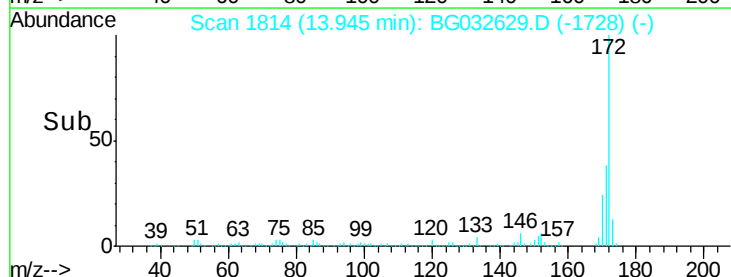
Ion 172.00 (171.70 to 172.70): E

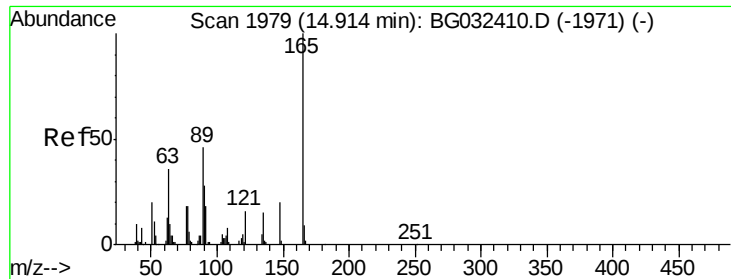
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



Time--> 13.80 13.90 14.00 14.10

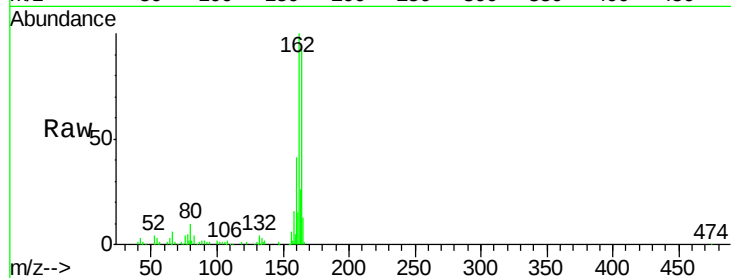




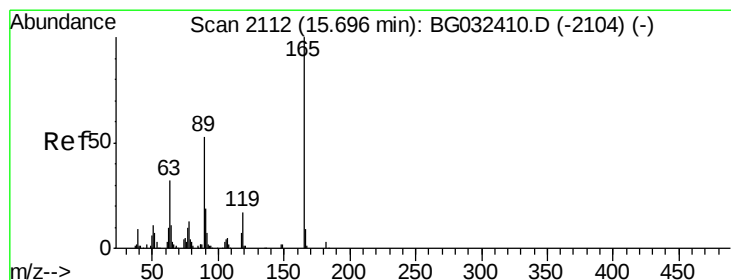
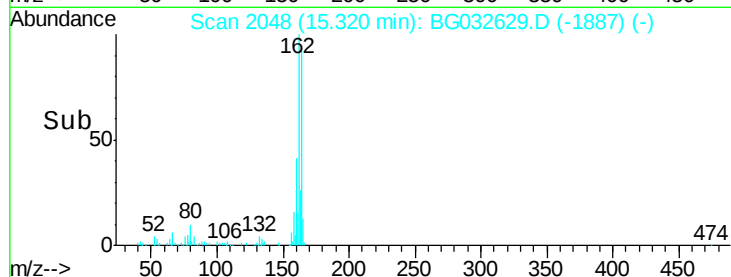
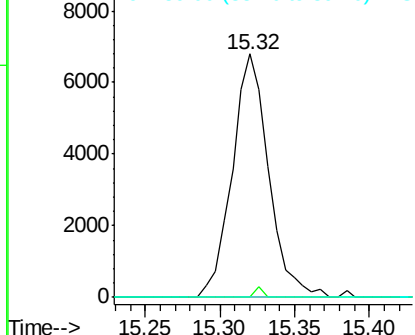
#50
2,6-Dinitrotoluene
Concen: 6.96 ng
RT: 15.32 min Scan# 2048
Delta R.T. 0.42 min
Lab File: BG032629.D
Acq: 9 Feb 2018 4:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 11534
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 0.0 49.2 73.8#

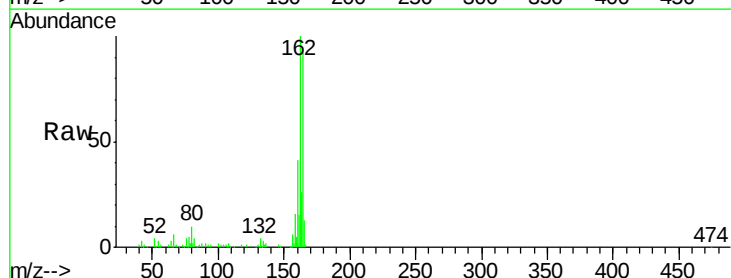


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

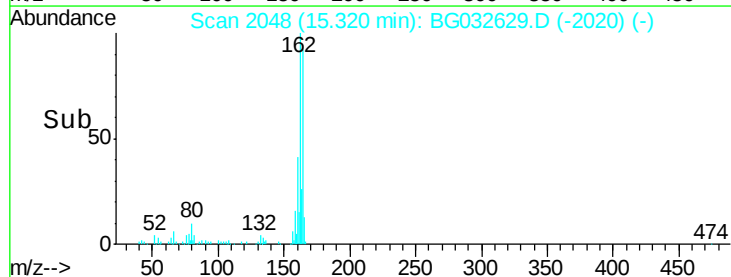
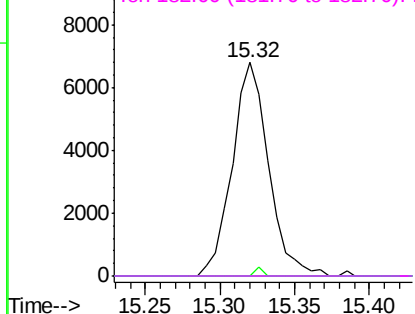


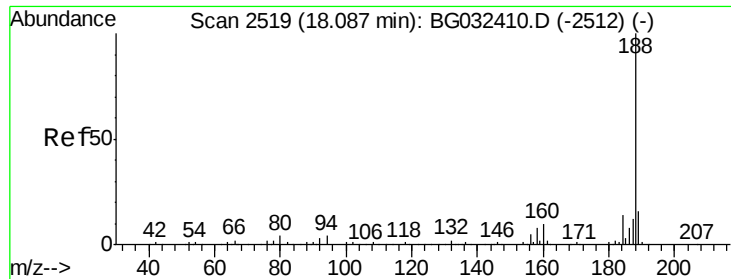
#56
2,4-Dinitrotoluene
Concen: 4.89 ng
RT: 15.32 min Scan# 2048
Delta R.T. -0.36 min
Lab File: BG032629.D
Acq: 9 Feb 2018 4:46

Tgt Ion:165 Resp: 11534
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 0.0 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

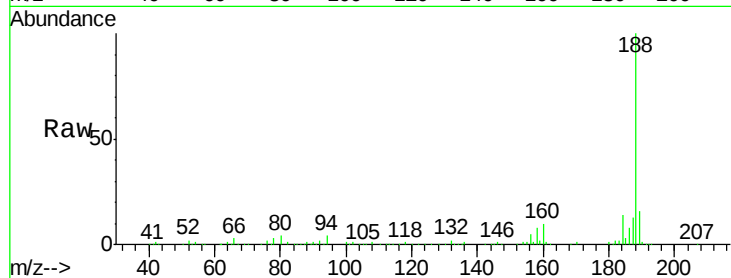




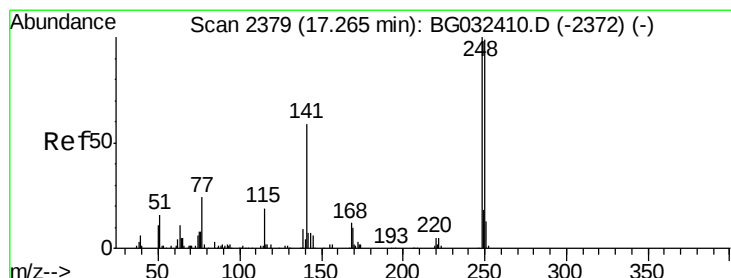
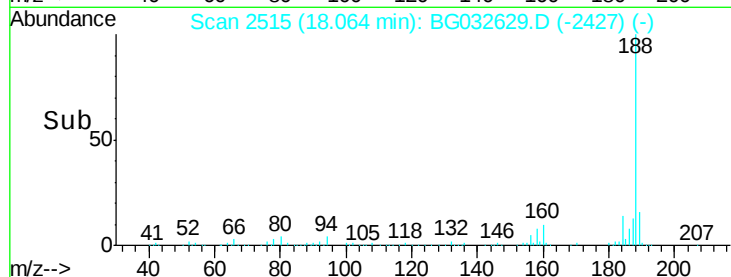
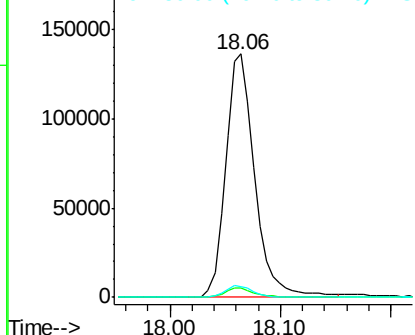
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.06 min Scan# 2515
Delta R.T. -0.01 min
Lab File: BG032629.D
Acq: 9 Feb 2018 4:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 250561
Ion Ratio Lower Upper
188 100
94 4.0 6.9 10.3#
80 4.3 7.7 11.5#

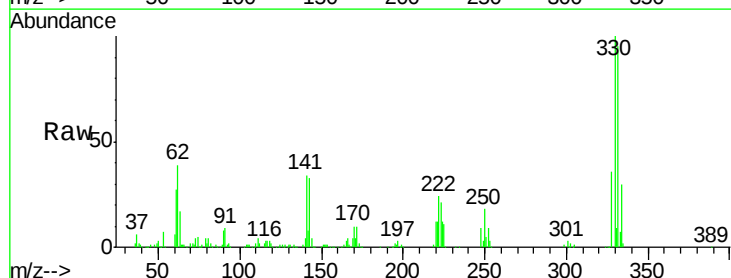


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

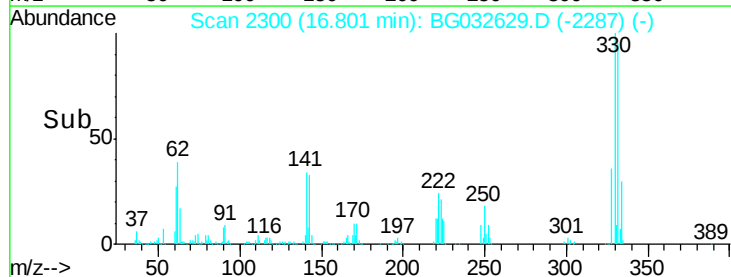
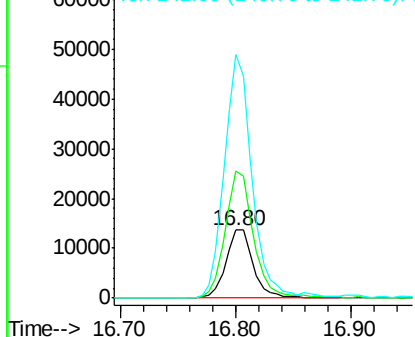


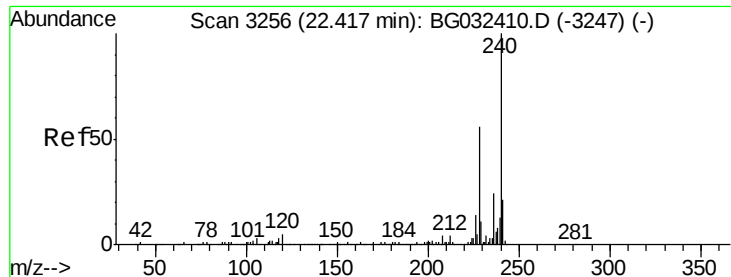
#66
4-Bromophenyl-phenylether
Concen: 6.10 ng
RT: 16.80 min Scan# 2300
Delta R.T. -0.45 min
Lab File: BG032629.D
Acq: 9 Feb 2018 4:46

Tgt Ion:248 Resp: 22648
Ion Ratio Lower Upper
248 100
250 186.8 77.1 115.7#
141 358.7 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: 20.00 ng

RT: 22.39 min Scan# 3252

Delta R.T. -0.01 min

Lab File: BG032629.D

Acq: 9 Feb 2018 4:46

Instrument :

BNA_G

ClientSampleId :

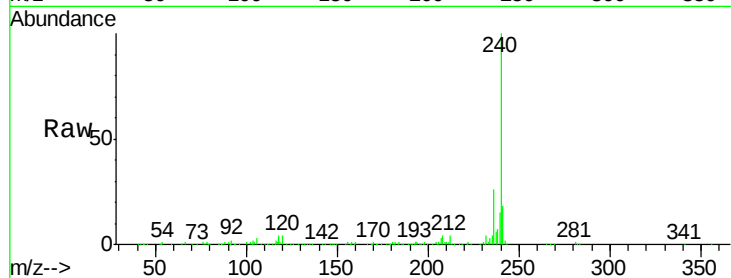
Tot Ion:240 Resp: 334203

Ion Ratio Lower Upper

240 100

120 4.1 6.8 10.2#

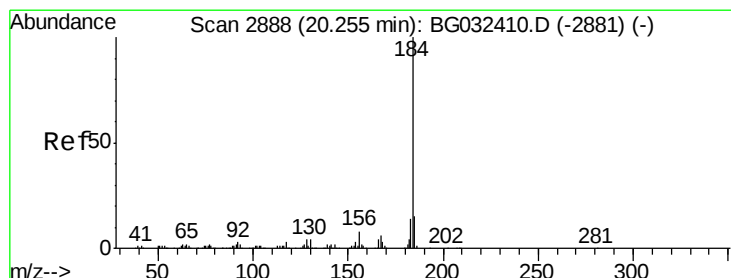
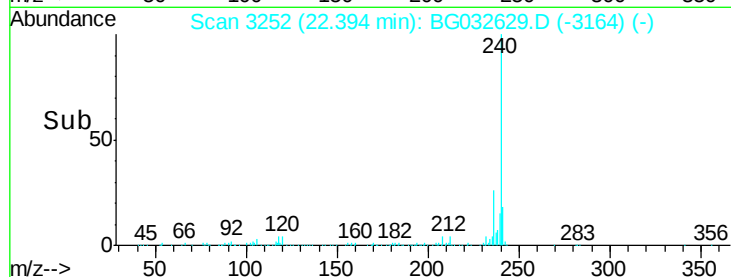
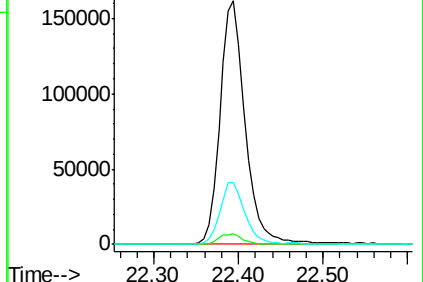
236 25.6 20.9 31.3



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: 3.72 ng

RT: 20.60 min Scan# 2947

Delta R.T. 0.36 min

Lab File: BG032629.D

Acq: 9 Feb 2018 4:46

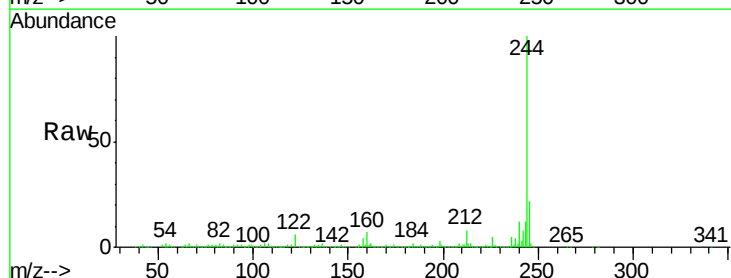
Tgt Ion:184 Resp: 24429

Ion Ratio Lower Upper

184 100

185 15.5 11.1 16.7

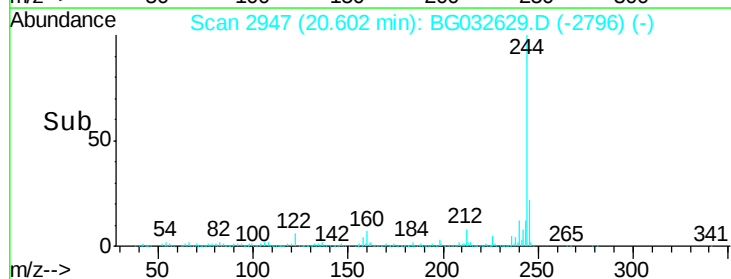
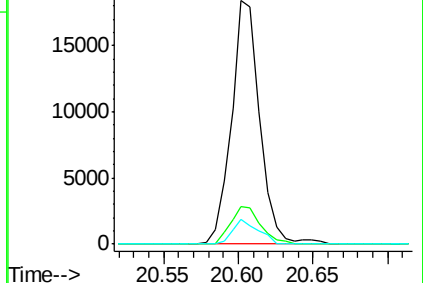
183 10.4 10.6 16.0#

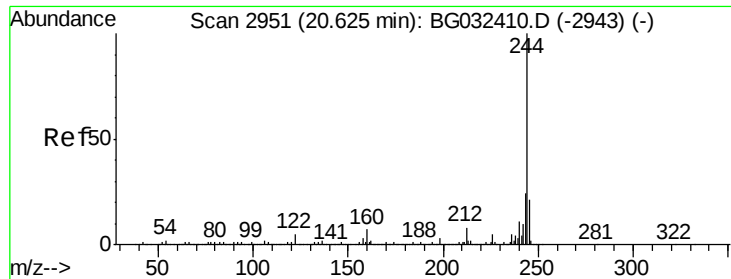


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

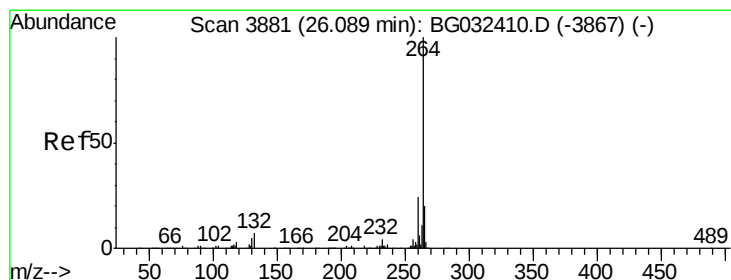
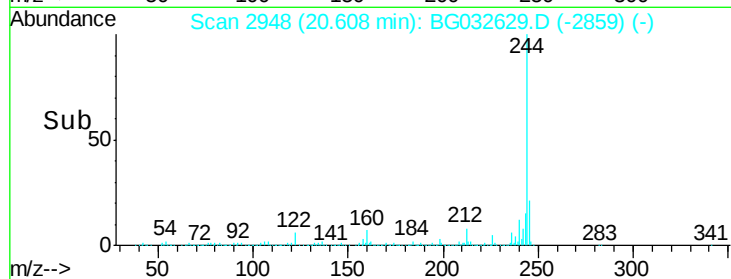
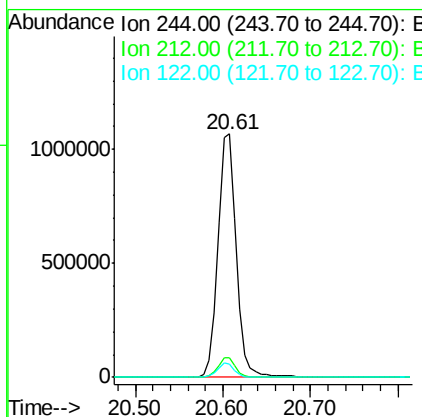
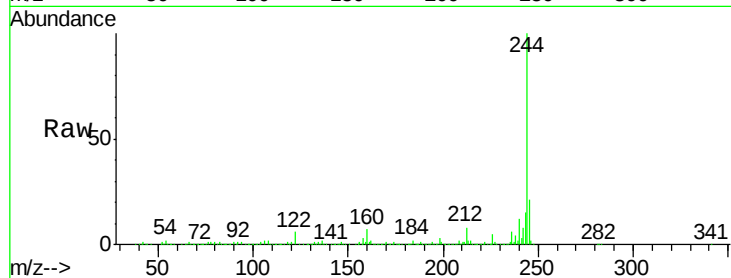




#78
 Terphenyl-d14
 Concen: 100.02 ng
 RT: 20.61 min Scan# 2948
 Delta R.T. -0.01 min
 Lab File: BG032629.D
 Acq: 9 Feb 2018 4:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1560440
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.8 8.8
 122 5.7 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 26.07 min Scan# 3877
 Delta R.T. 0.00 min
 Lab File: BG032629.D
 Acq: 9 Feb 2018 4:46

Tgt Ion:264 Resp: 317022
 Ion Ratio Lower Upper
 264 100
 260 21.8 17.4 26.0
 265 22.2 17.7 26.5

