

Data Path : U:\HPCHEM1\BNA G\DATA\BG020618\
 Data File : BG032585.D
 Acq On : 7 Feb 2018 5:34
 Operator : SJ/JU
 Sample : J1455-05
 Misc : MDL-W-8 ppm
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 07 07:02:53 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

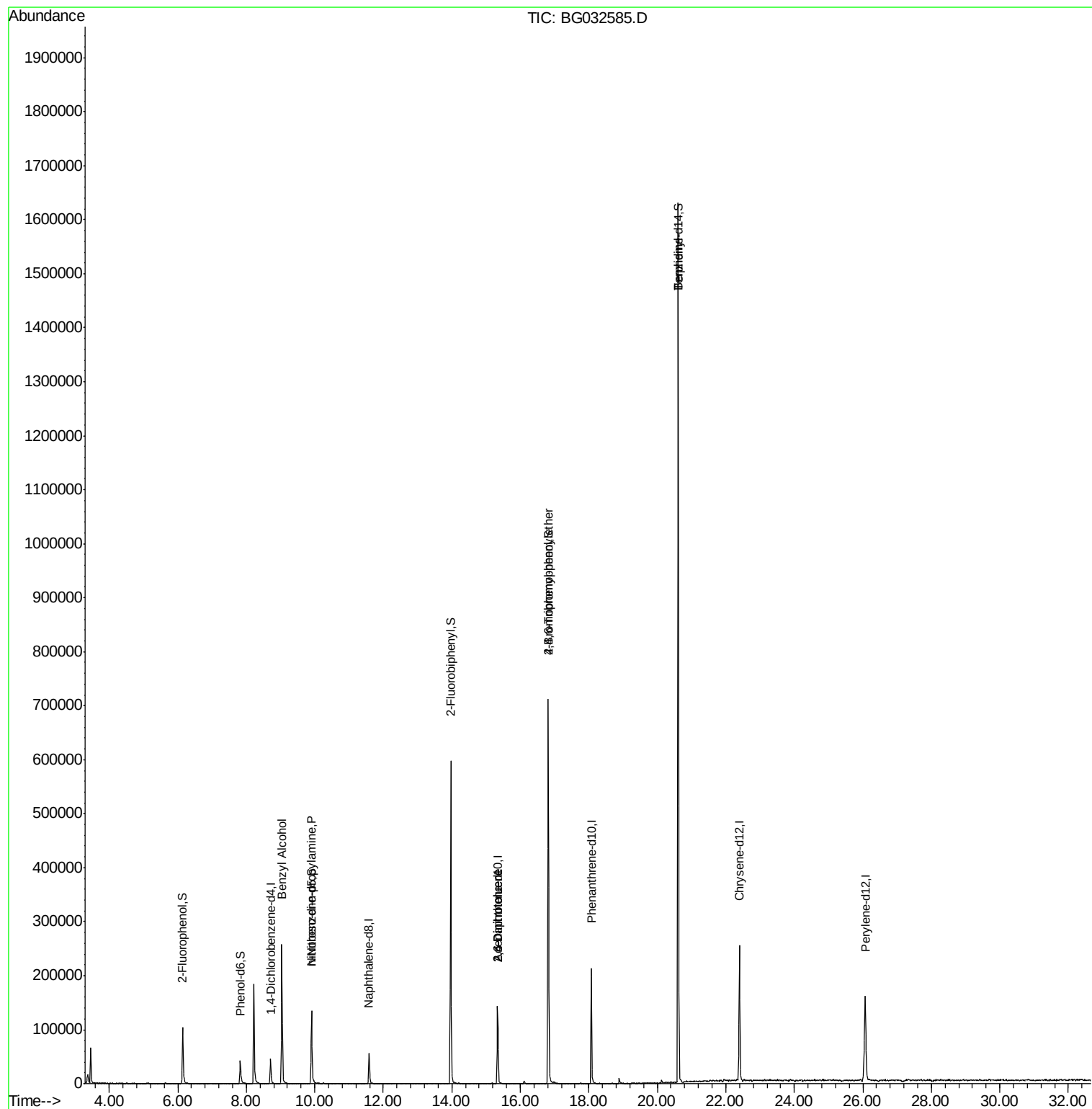
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	18277	20.00	ng	0.00
21) Naphthalene-d8	11.58	136	64151	20.00	ng	0.00
38) Acenaphthene-d10	15.34	164	59015	20.00	ng	0.00
63) Phenanthrene-d10	18.08	188	158356	20.00	ng	0.00
75) Chrysene-d12	22.40	240	198664	20.00	ng	0.00
86) Perylene-d12	26.07	264	217973	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	58342	64.12	ng	0.00
7) Phenol-d6	7.82	99	34474	28.39	ng	0.00
23) Nitrobenzene-d5	9.90	82	96487	93.94	ng	0.00
41) 2,4,6-Tribromophenol	16.82	330	185456	165.09	ng	0.00
44) 2-Fluorobiphenyl	13.97	172	366658	73.85	ng	0.00
78) Terphenyl-d14	20.61	244	926752	99.93	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.04	79	2212	2.210	ng	# 23
19) n-Nitroso-di-n-propylamine	9.91	70	13097	16.267	ng	# 78
50) 2,6-Dinitrotoluene	15.34	165	7076	6.196	ng	# 18
56) 2,4-Dinitrotoluene	15.34	165	7077	4.352	ng	# 16
66) 4-Bromophenyl-phenylether	16.81	248	14502	6.182	ng	# 1
76) Benzidine	20.61	184	13384	3.431	ng	# 94

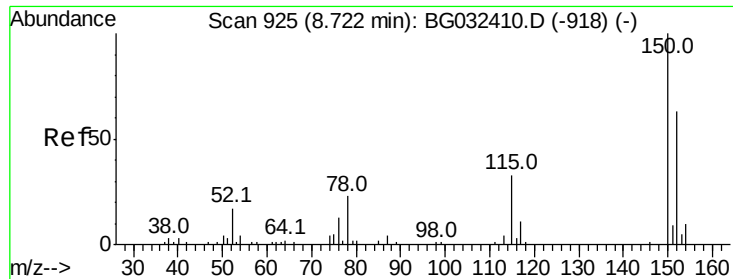
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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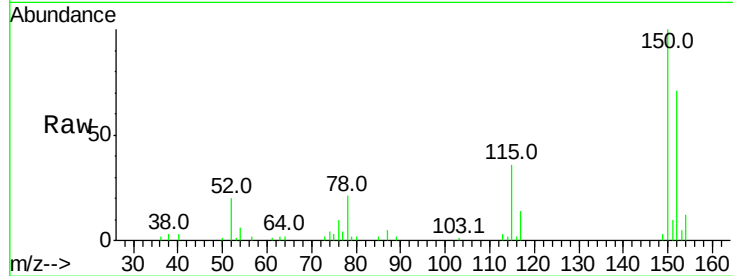


#1

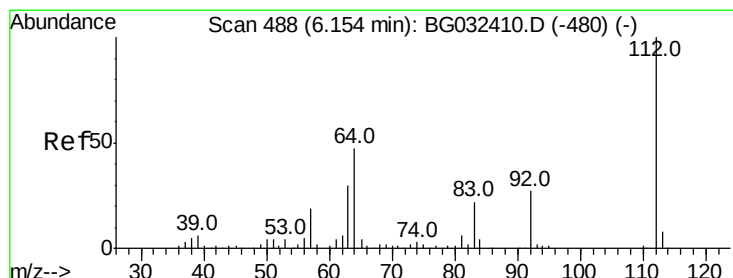
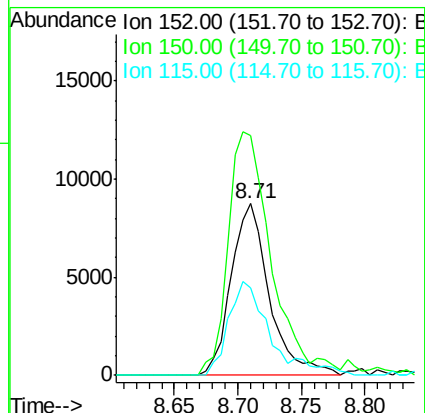
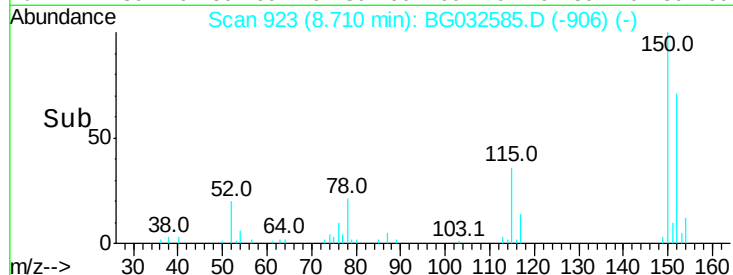
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.00 min
Lab File: BG032585.D
Acq: 7 Feb 2018 5:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 18277
Ion Ratio Lower Upper
152 100
150 140.1 126.6 189.8
115 50.7 53.0 79.4#



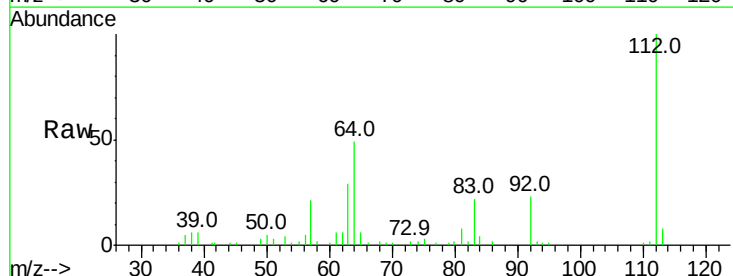
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



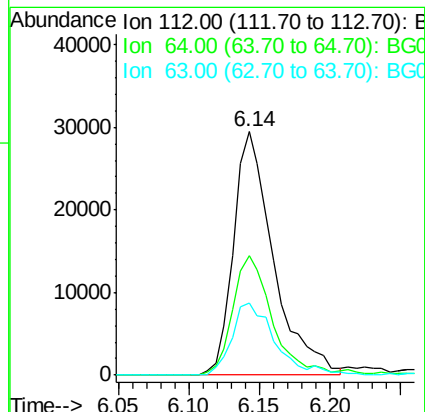
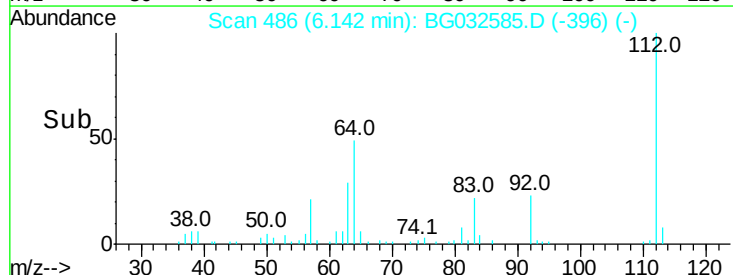
#5

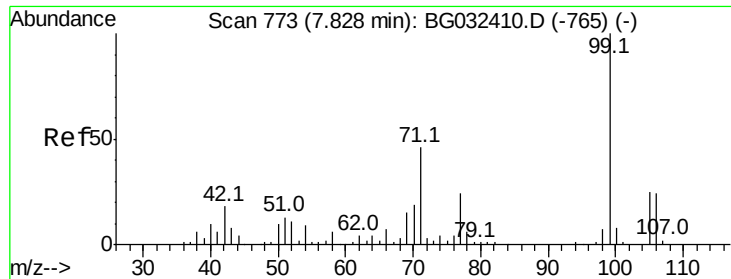
2-Fluorophenol
Concen: 64.115 ng
RT: 6.14 min Scan# 486
Delta R.T. -0.00 min
Lab File: BG032585.D
Acq: 7 Feb 2018 5:34

Tgt Ion:112 Resp: 58342
Ion Ratio Lower Upper
112 100
64 48.9 56.3 84.5#
63 29.5 30.1 45.1#



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





#7

Phenol-d6

Concen: 28.391 ng

RT: 7.82 min Scan# 772

Delta R.T. -0.00 min

Lab File: BG032585.D

Acq: 7 Feb 2018 5:34

Instrument :

BNA_G

ClientSampleId :

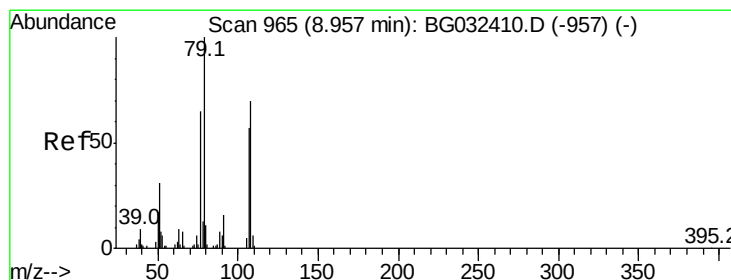
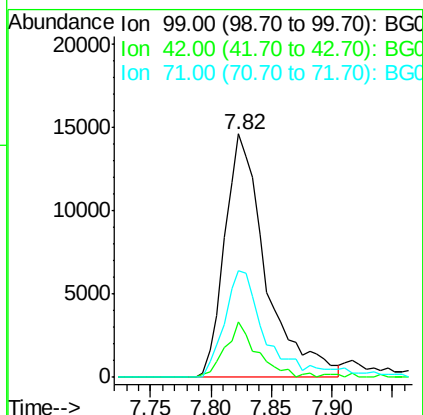
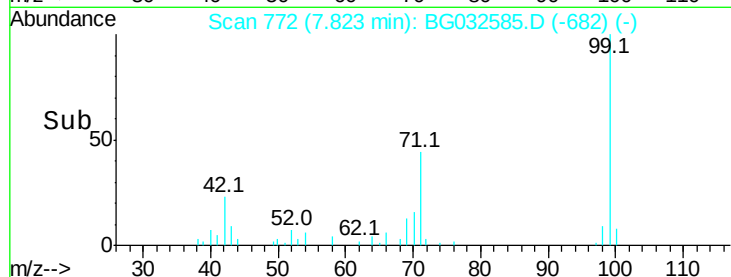
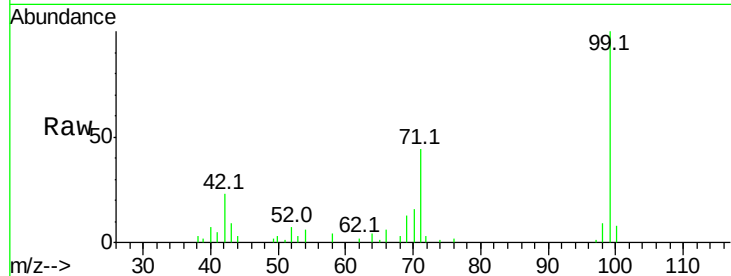
Tot Ion: 99 Resp: 34474

Ion Ratio Lower Upper

99 100

42 23.0 14.1 21.1#

71 43.6 26.1 39.1#



#15

Benzyl Alcohol

Concen: 2.210 ng

RT: 9.04 min Scan# 980

Delta R.T. 0.10 min

Lab File: BG032585.D

Acq: 7 Feb 2018 5:34

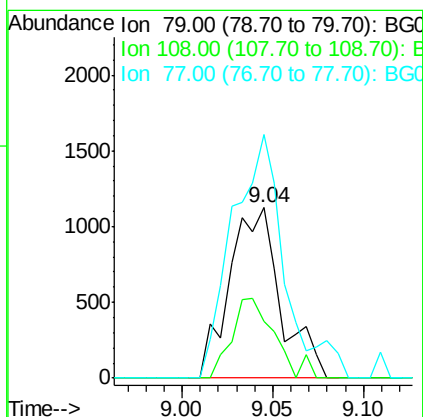
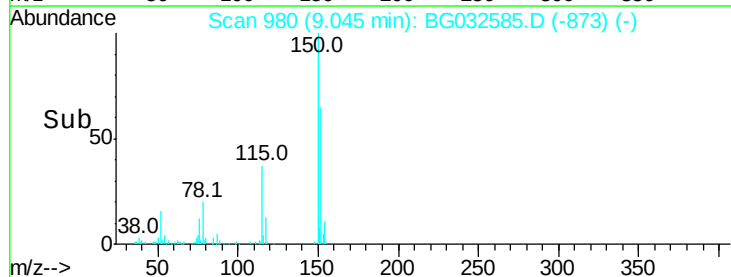
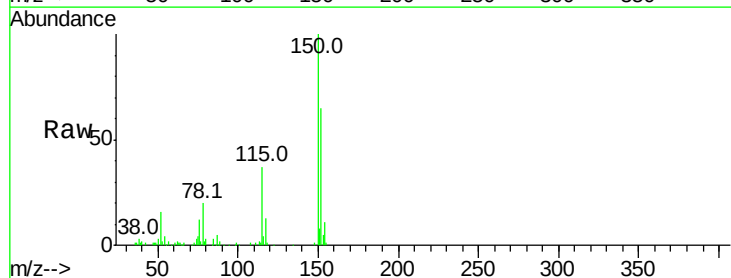
Tgt Ion: 79 Resp: 2212

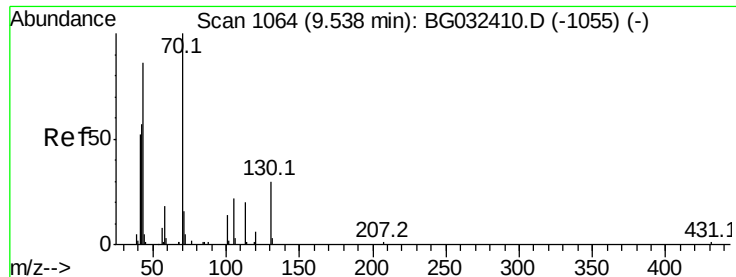
Ion Ratio Lower Upper

79 100

108 33.6 57.2 85.8#

77 143.1 46.1 69.1#

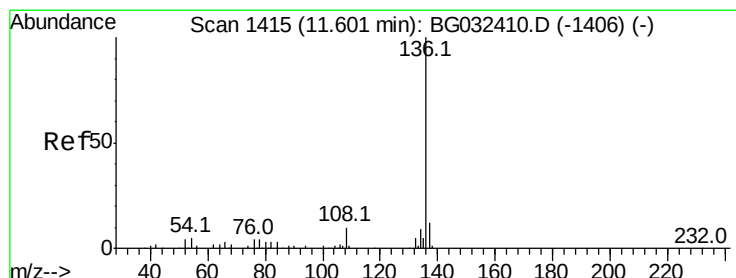
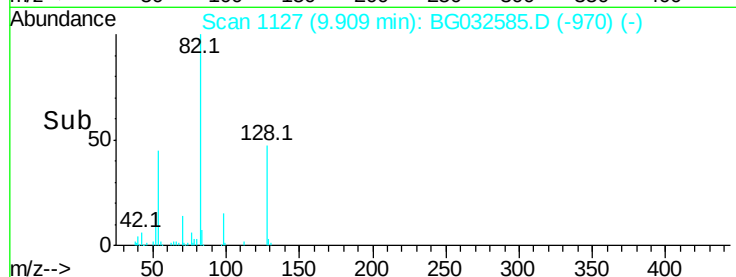
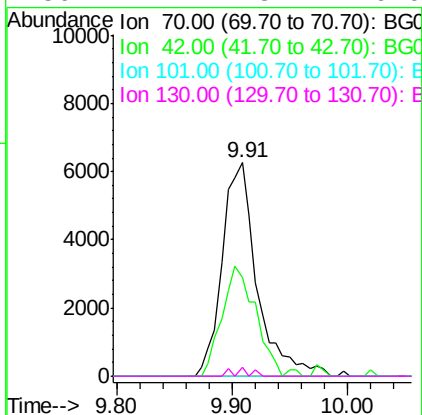
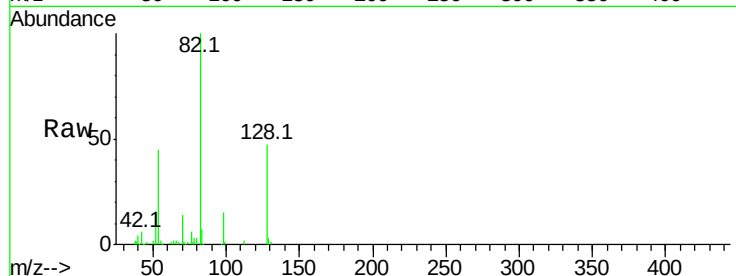




#19
n-Nitroso-di-n-propylamine
Concen: 16.267 ng
RT: 9.91 min Scan# 1127
Delta R.T. 0.39 min
Lab File: BG032585.D
Acq: 7 Feb 2018 5:34

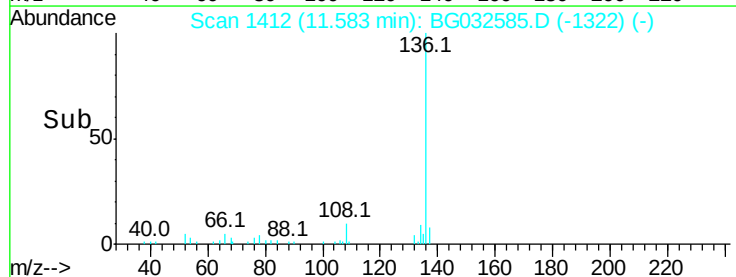
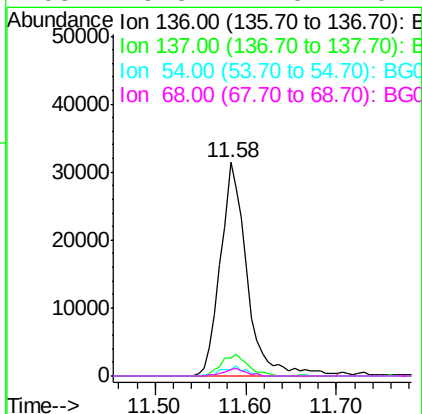
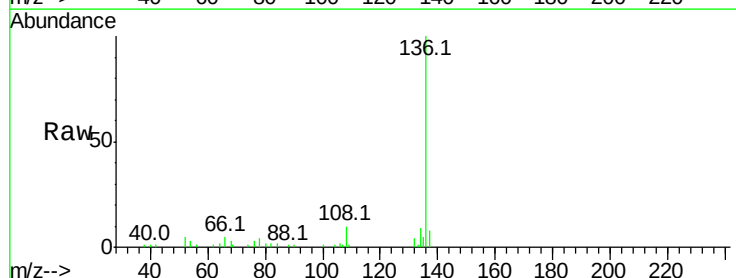
Instrument :
BNA_G
ClientSampleId :

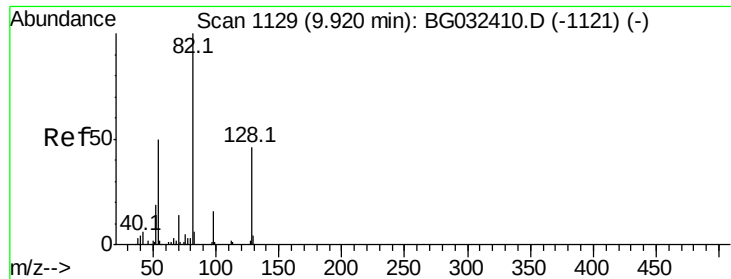
Tot Ion: 70 Resp: 13097
Ion Ratio Lower Upper
70 100
42 46.3 49.1 73.7#
101 0.0 8.5 12.7#
130 4.4 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.58 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BG032585.D
Acq: 7 Feb 2018 5:34

Tgt Ion: 136 Resp: 64151
Ion Ratio Lower Upper
136 100
137 8.3 9.2 13.8#
54 2.9 10.3 15.5#
68 3.3 4.5 6.7#

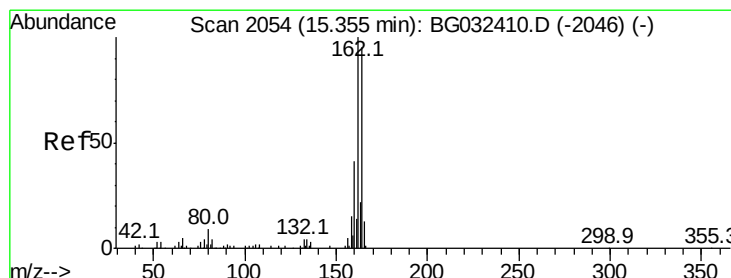
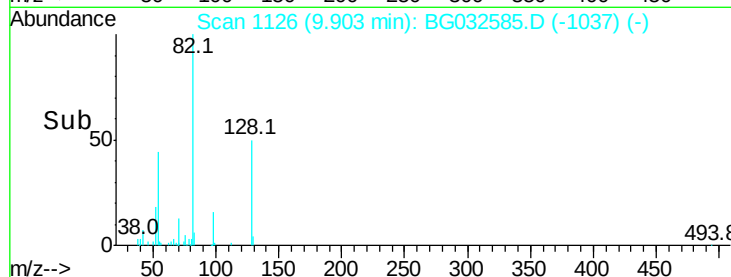
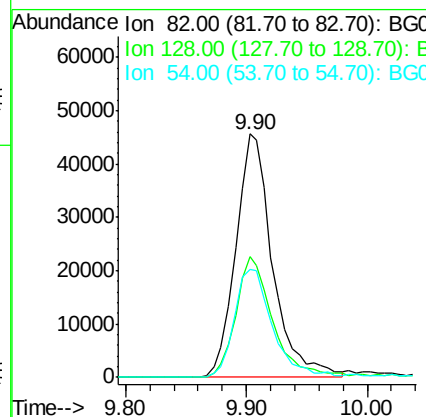
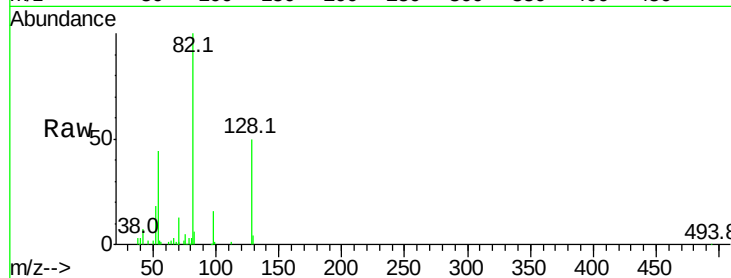




#23
Nitrobenzene-d5
Concen: 93.944 ng
RT: 9.90 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BG032585.D
Acq: 7 Feb 2018 5:34

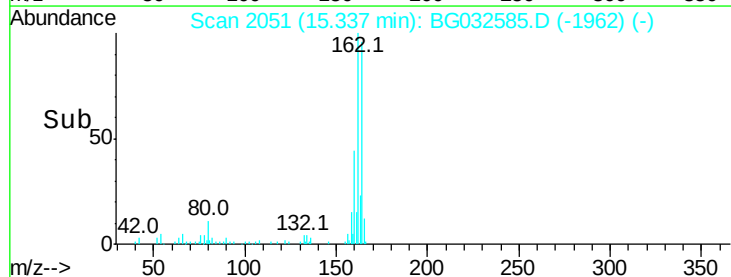
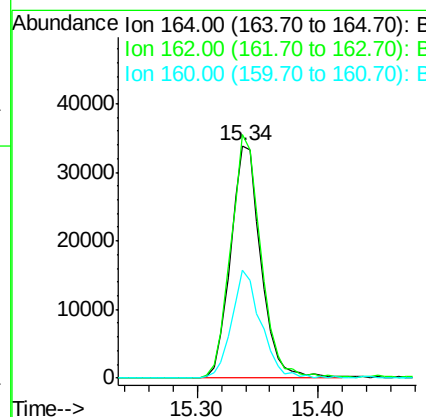
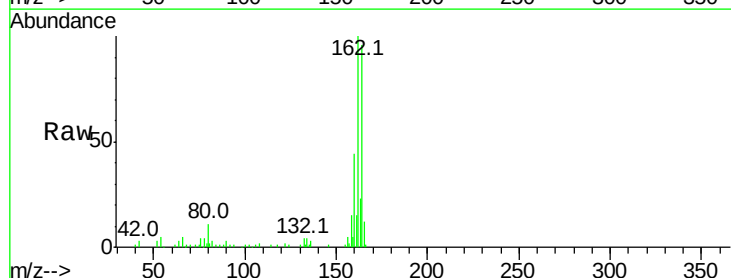
Instrument :
BNA_G
ClientSampleId :

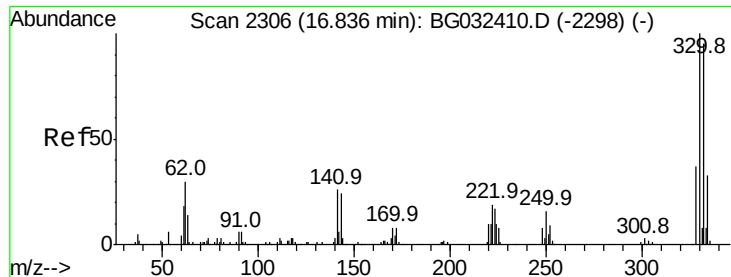
Tot Ion	82	Resp	96487
Ion	Ratio	Lower	Upper
82	100		
128	49.6	29.7	44.5#
54	44.2	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.34 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BG032585.D
Acq: 7 Feb 2018 5:34

Tgt Ion	164	Resp	59015
Ion	Ratio	Lower	Upper
164	100		
162	104.7	78.8	118.2
160	46.5	35.4	53.0

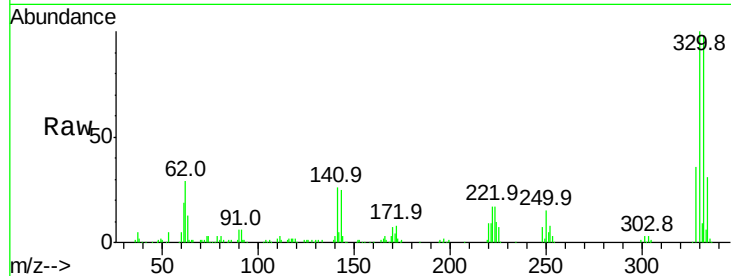




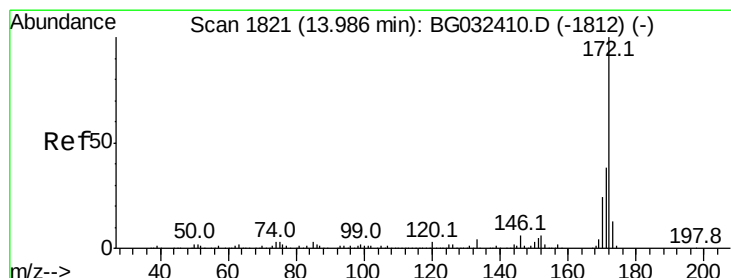
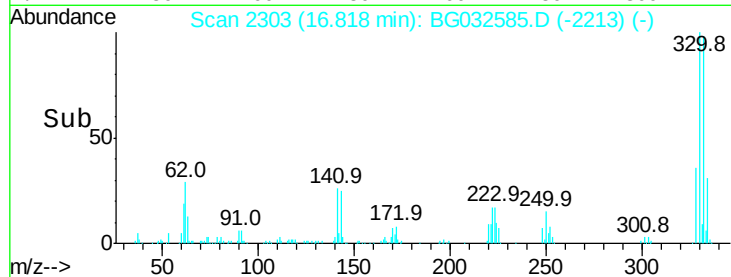
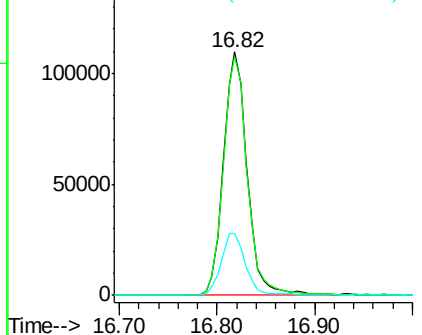
#41
 2,4,6-Tribromophenol
 Concen: 165.092 ng
 RT: 16.82 min Scan# 2303
 Delta R.T. -0.00 min
 Lab File: BG032585.D
 Acq: 7 Feb 2018 5:34

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.0	77.0	115.6
141	26.3	25.2	37.8

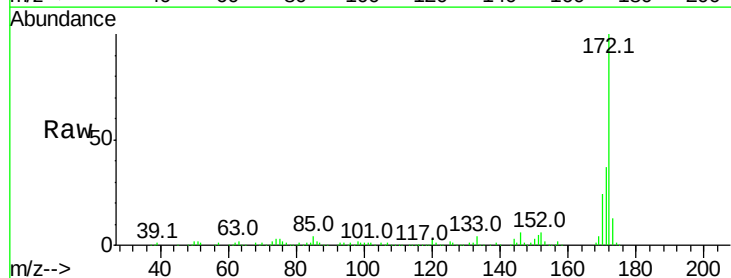


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

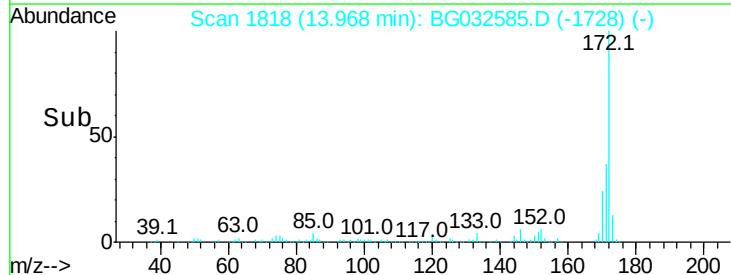
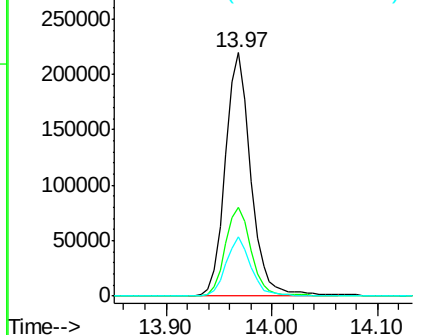


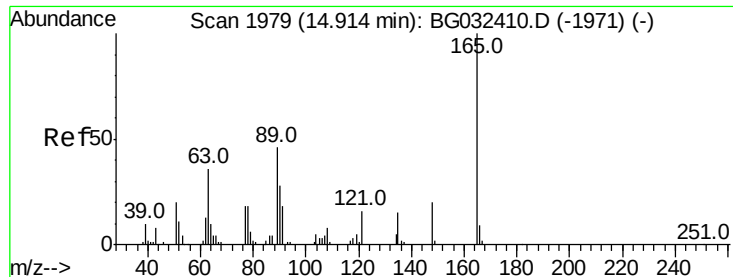
#44
 2-Fluorobiphenyl
 Concen: 73.845 ng
 RT: 13.97 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: BG032585.D
 Acq: 7 Feb 2018 5:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.0	45.0
170	24.3	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

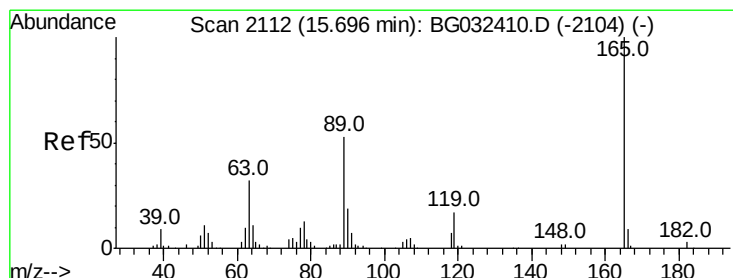
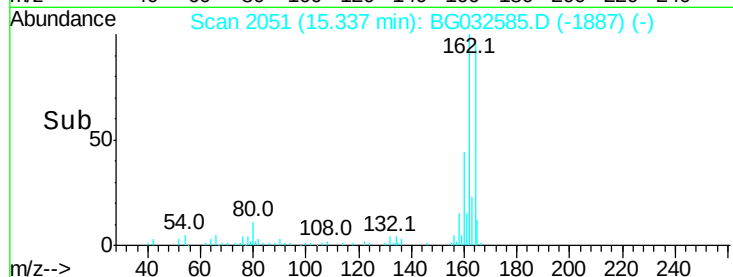
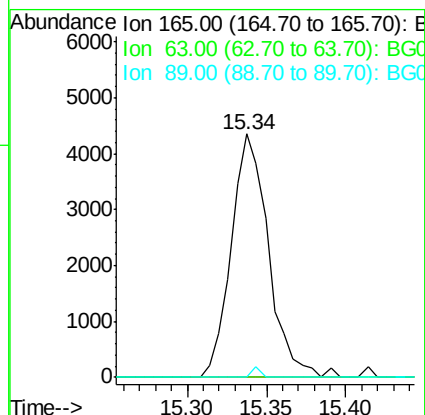
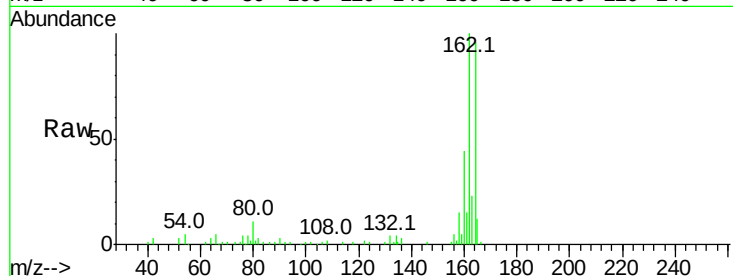




#50
 2,6-Dinitrotoluene
 Concen: 6.196 ng
 RT: 15.34 min Scan# 2051
 Delta R.T. 0.43 min
 Lab File: BG032585.D
 Acq: 7 Feb 2018 5:34

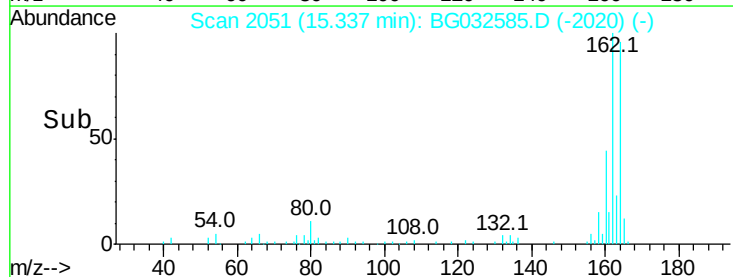
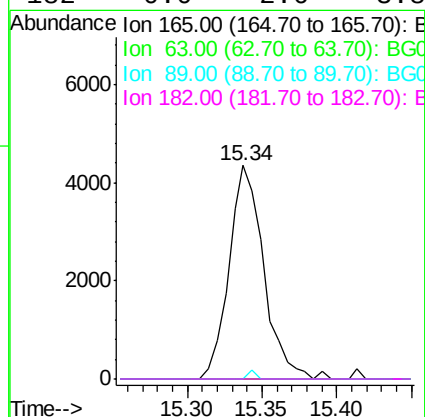
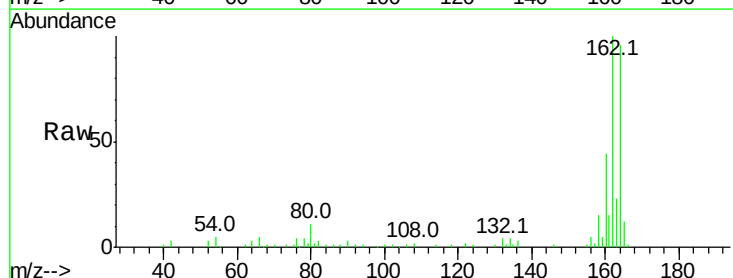
Instrument :
 BNA_G
 ClientSampleId :

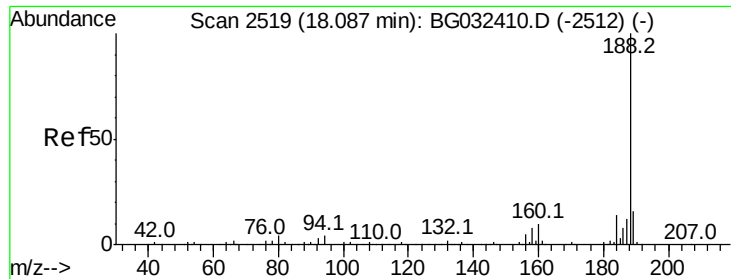
Tot Ion:165 Resp: 7076
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#



#56
 2,4-Dinitrotoluene
 Concen: 4.352 ng
 RT: 15.34 min Scan# 2051
 Delta R.T. -0.35 min
 Lab File: BG032585.D
 Acq: 7 Feb 2018 5:34

Tgt Ion:165 Resp: 7077
 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#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.08 min Scan# 2517

Delta R.T. -0.00 min

Lab File: BG032585.D

Acq: 7 Feb 2018 5:34

Instrument :

BNA_G

ClientSampleId :

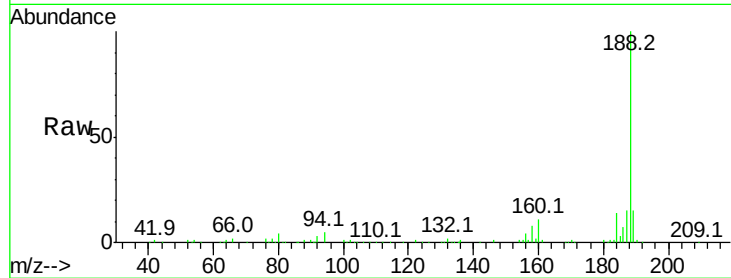
Tot Ion:188 Resp: 158356

Ion Ratio Lower Upper

188 100

94 4.6 6.9 10.3#

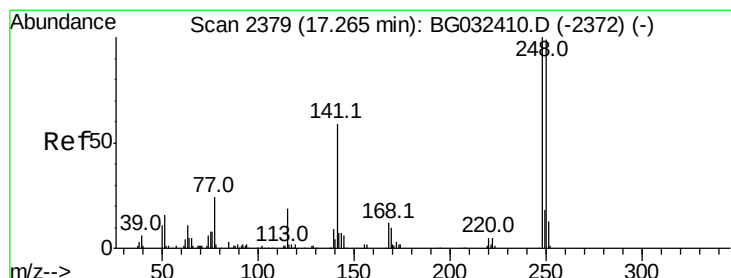
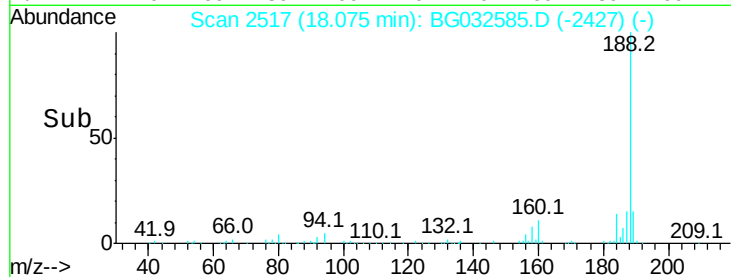
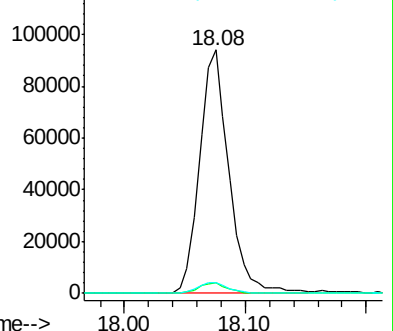
80 4.3 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#66

4-Bromophenyl-phenylether

Concen: 6.182 ng

RT: 16.81 min Scan# 2302

Delta R.T. -0.44 min

Lab File: BG032585.D

Acq: 7 Feb 2018 5:34

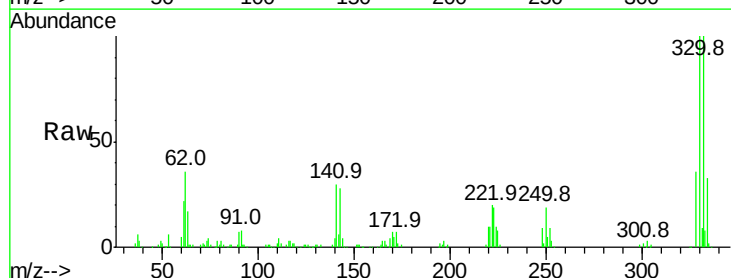
Tgt Ion:248 Resp: 14502

Ion Ratio Lower Upper

248 100

250 201.2 77.1 115.7#

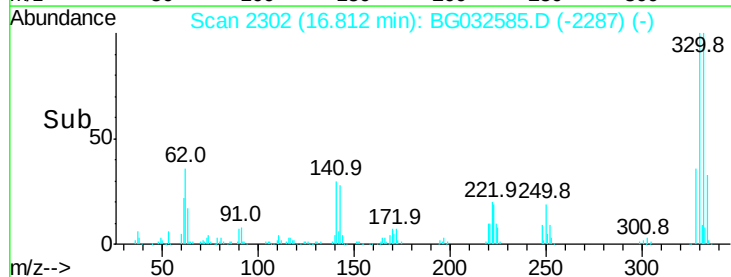
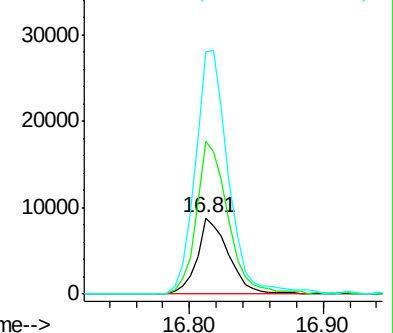
141 319.6 50.8 76.2#

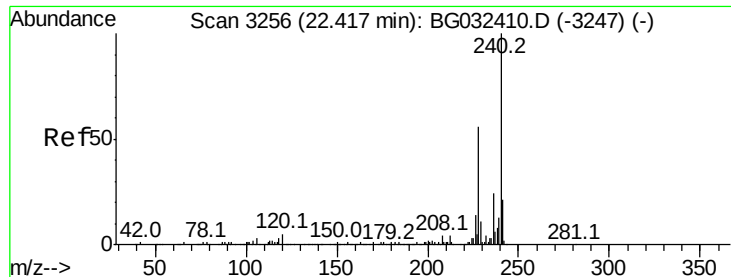


Abundance Ion 248.00 (247.70 to 248.70): E

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: 22.40 min Scan# 3253

Delta R.T. -0.01 min

Lab File: BG032585.D

Acq: 7 Feb 2018 5:34

Instrument :

BNA_G

ClientSampleId :

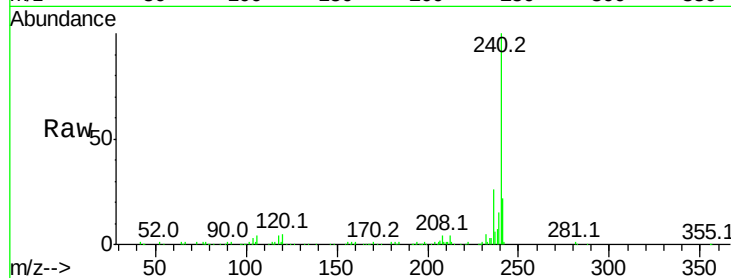
Tot Ion:240 Resp: 198664

Ion Ratio Lower Upper

240 100

120 4.8 6.8 10.2#

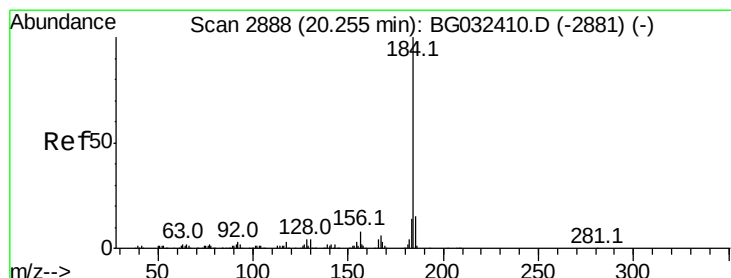
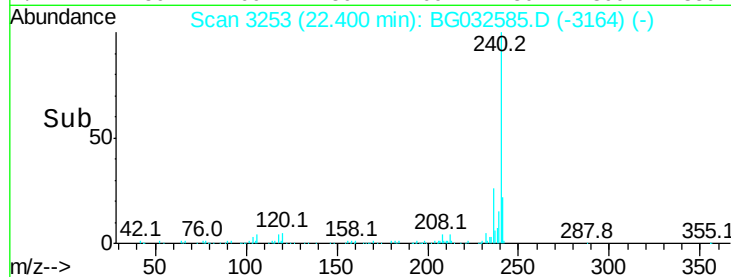
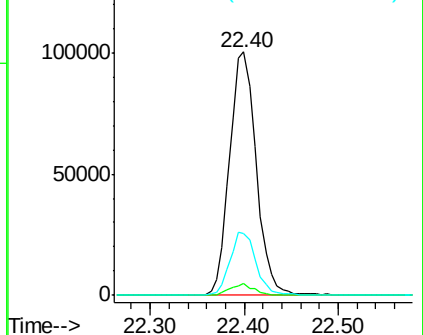
236 25.6 20.9 31.3



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: 3.431 ng

RT: 20.61 min Scan# 2949

Delta R.T. 0.37 min

Lab File: BG032585.D

Acq: 7 Feb 2018 5:34

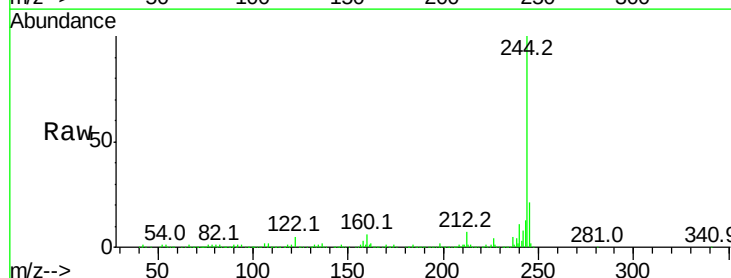
Tgt Ion:184 Resp: 13384

Ion Ratio Lower Upper

184 100

185 16.8 11.1 16.7#

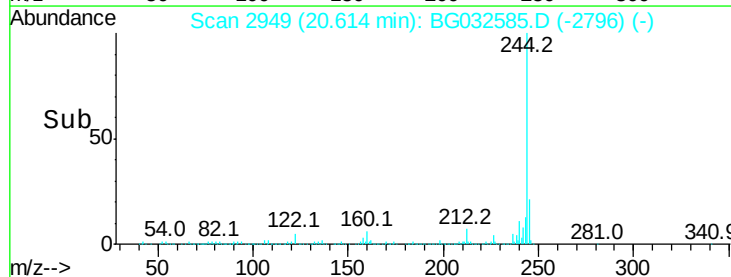
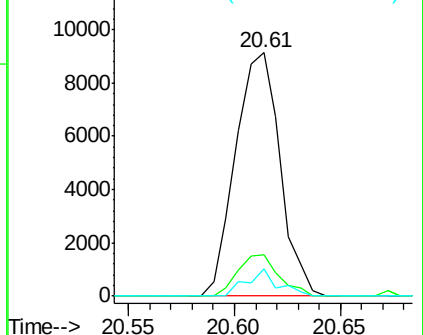
183 11.0 10.6 16.0

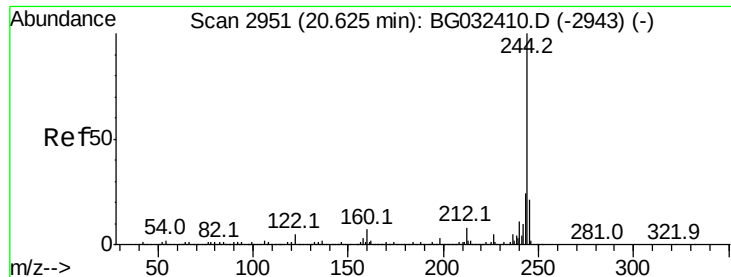


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 99.926 ng

RT: 20.61 min Scan# 2949

Delta R.T. -0.00 min

Lab File: BG032585.D

Acq: 7 Feb 2018 5:34

Instrument :

BNA_G

ClientSampleId :

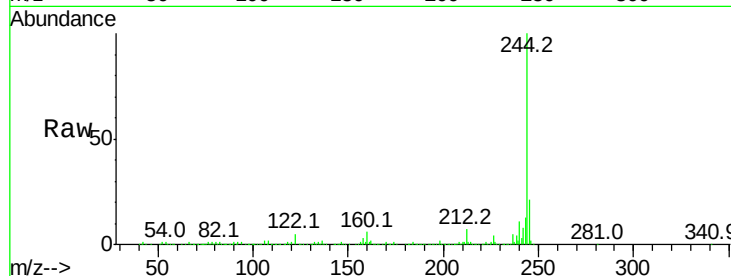
Tot Ion:244 Resp: 926752

Ion Ratio Lower Upper

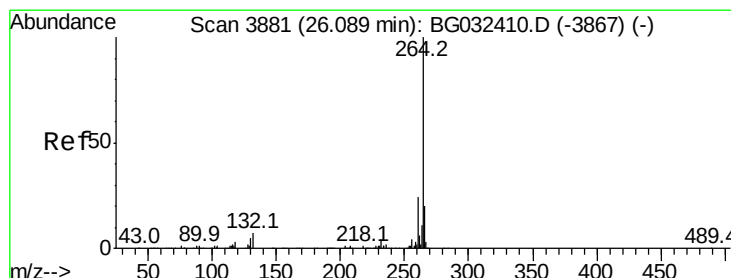
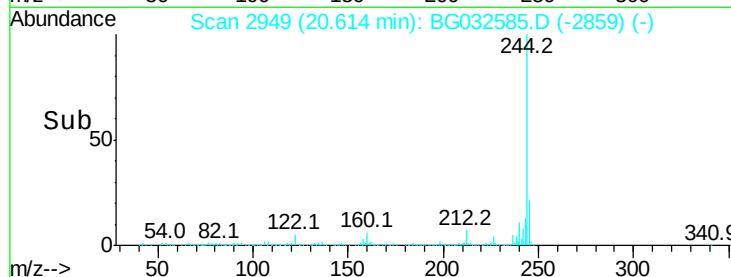
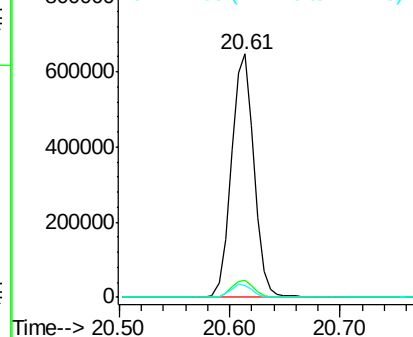
244 100

212 6.8 5.8 8.8

122 5.1 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

Perylene-d12

Concen: 20.000 ng

RT: 26.07 min Scan# 3877

Delta R.T. -0.00 min

Lab File: BG032585.D

Acq: 7 Feb 2018 5:34

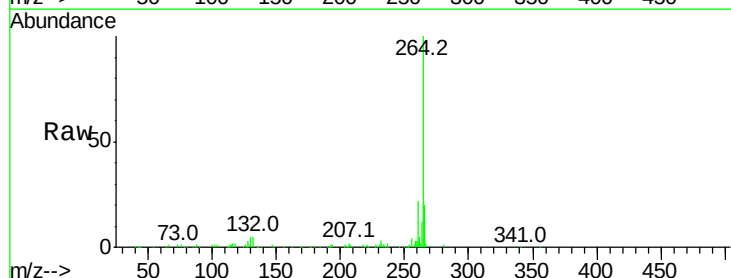
Tgt Ion:264 Resp: 217973

Ion Ratio Lower Upper

264 100

260 22.5 17.4 26.0

265 20.0 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

