

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042018\
 Data File : BG033900.D
 Acq On : 21 Apr 2018 1:19
 Operator : SJ/JU
 Sample : J2473-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 041818-DBRI-F-U-B

Quant Time: Apr 21 05:18:40 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

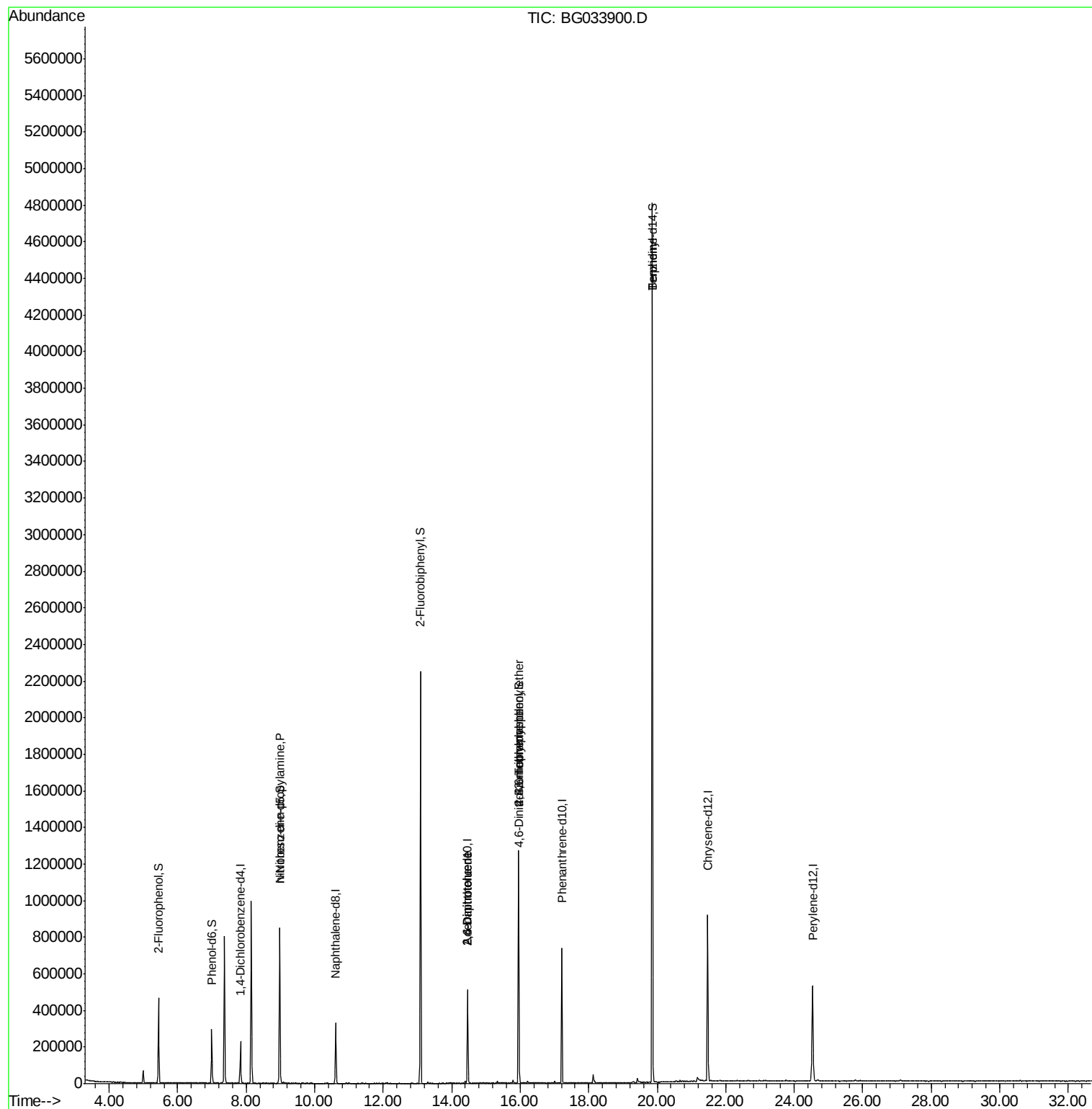
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	64714	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	279573	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	174830	20.00	ng	-0.02
63) Phenanthrene-d10	17.22	188	442729	20.00	ng	0.00
75) Chrysene-d12	21.47	240	528836	20.00	ng	-0.02
86) Perylene-d12	24.54	264	521859	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	196787	48.55	ng	0.00
7) Phenol-d6	6.99	99	164461	27.82	ng	0.00
23) Nitrobenzene-d5	8.98	82	496527	101.07	ng	0.00
41) 2,4,6-Tribromophenol	15.95	330	221687	108.69	ng	-0.02
44) 2-Fluorobiphenyl	13.09	172	1174299	98.67	ng	-0.02
78) Terphenyl-d14	19.85	244	2185848	92.86	ng	0.00
Target Compounds						
9) Benzaldehyde	7.00	77	302	Below Cal	Qvalue	# 5
19) n-Nitroso-di-n-propylamine	8.98	70	69230	13.737 ng	#	77
50) 2,6-Dinitrotoluene	14.46	165	23042	7.906 ng	#	18
56) 2,4-Dinitrotoluene	14.46	165	23042	5.945 ng	#	16
64) 4,6-Dinitro-2-methylphenol	15.96	198	85	6.524 ng	#	93
66) 4-Bromophenyl-phenylether	15.95	248	16309	3.354 ng	#	1
76) Benizidine	19.85	184	35866	2.512 ng	#	92

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

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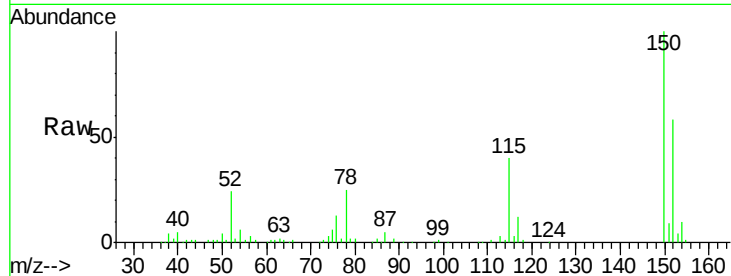


#1

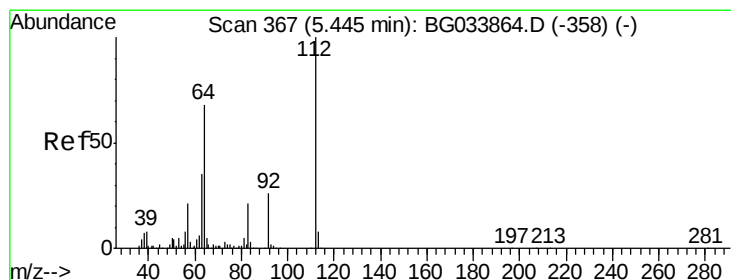
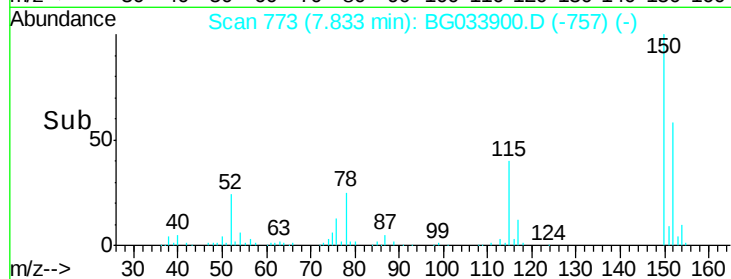
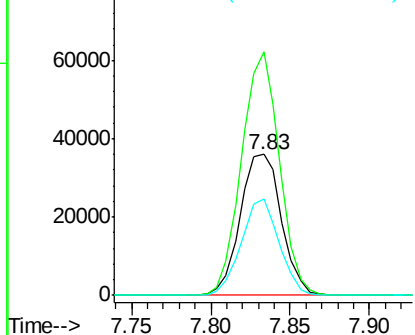
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.83 min Scan# 773
 Delta R.T. -0.00 min
 Lab File: BG033900.D
 Acq: 21 Apr 2018 1:19

Instrument :
 BNA_G
 ClientSampleId :
 041818-DBRI-F-U-B

Tot Ion:152 Resp: 64714
 Ion Ratio Lower Upper
 152 100
 150 172.9 126.6 189.8
 115 68.8 53.0 79.4



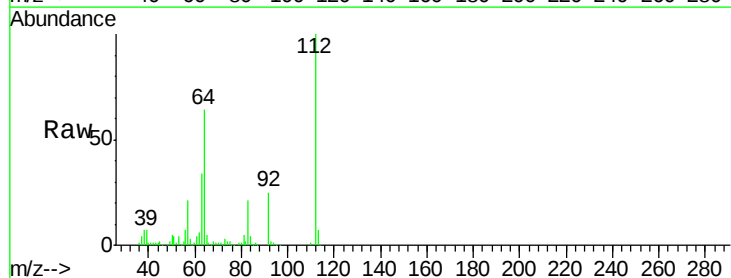
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



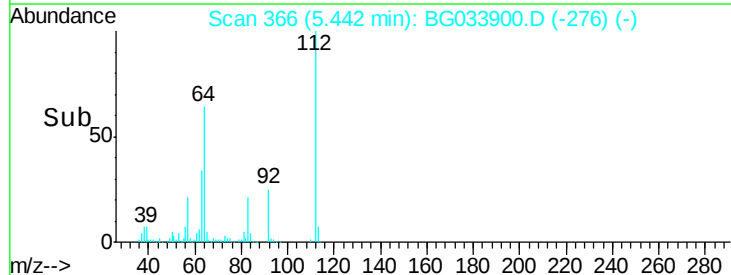
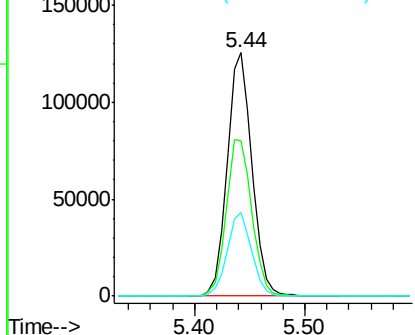
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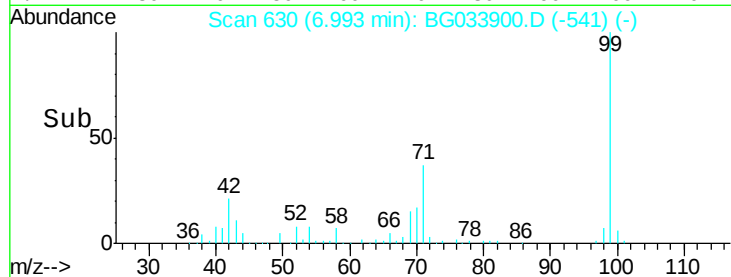
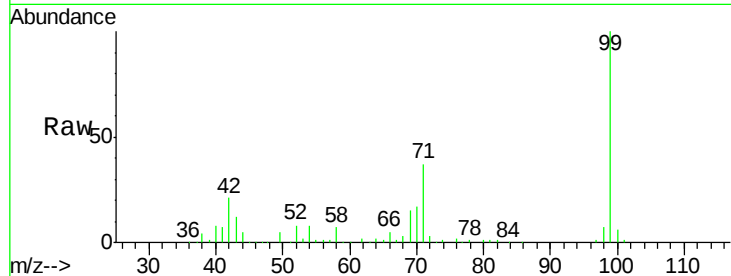
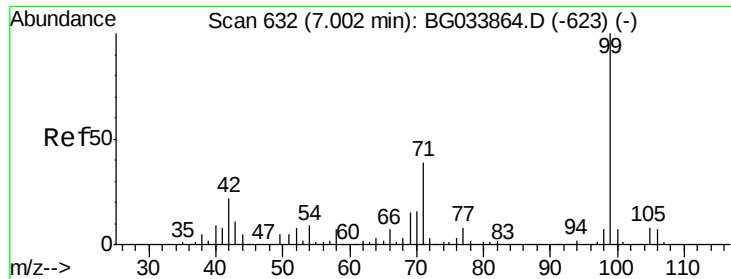
2-Fluorophenol
 Concen: 48.549 ng
 RT: 5.44 min Scan# 366
 Delta R.T. -0.00 min
 Lab File: BG033900.D
 Acq: 21 Apr 2018 1:19

Tgt Ion:112 Resp: 196787
 Ion Ratio Lower Upper
 112 100
 64 63.8 56.3 84.5
 63 34.3 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: 27.818 ng

RT: 6.99 min Scan# 630

Delta R.T. -0.01 min

Lab File: BG033900.D

Acq: 21 Apr 2018 1:19

Instrument :

BNA_G

ClientSampleId :

041818-DBRI-F-U-B

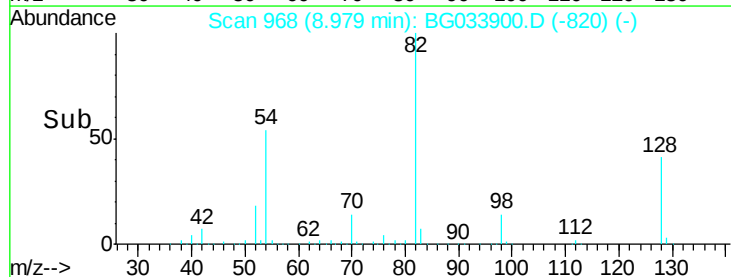
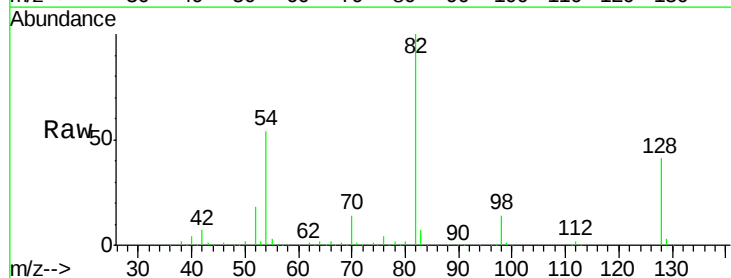
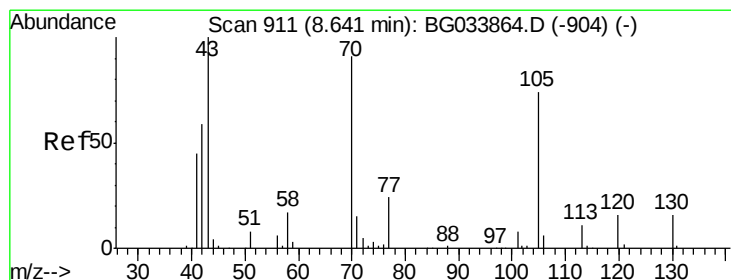
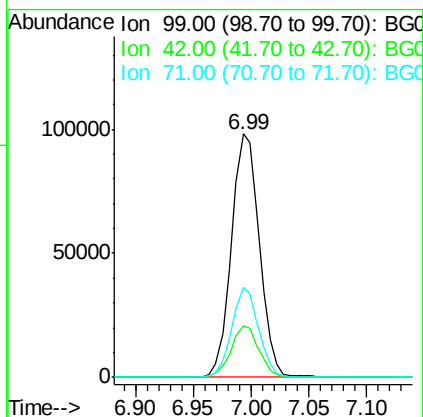
Tot Ion: 99 Resp: 164461

Ion Ratio Lower Upper

99 100

42 21.3 14.1 21.1#

71 36.8 26.1 39.1



#19

n-Nitroso-di-n-propylamine

Concen: 13.737 ng

RT: 8.98 min Scan# 968

Delta R.T. 0.34 min

Lab File: BG033900.D

Acq: 21 Apr 2018 1:19

Tgt Ion: 70 Resp: 69230

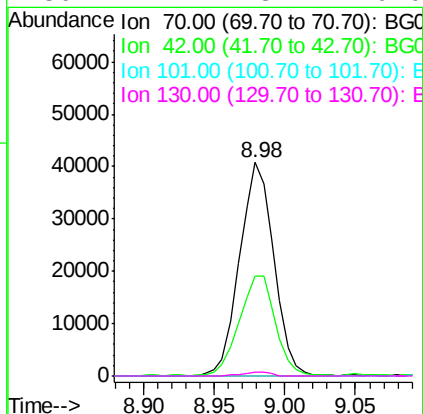
Ion Ratio Lower Upper

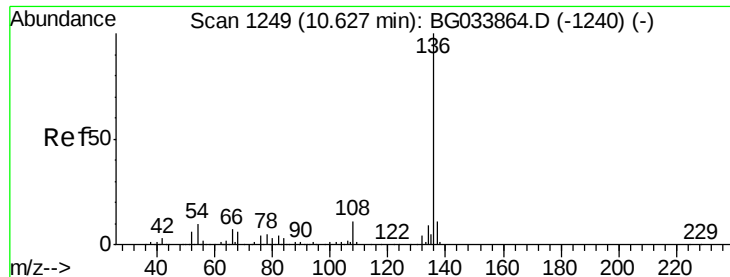
70 100

42 46.9 49.1 73.7#

101 0.0 8.5 12.7#

130 1.7 13.4 20.0#

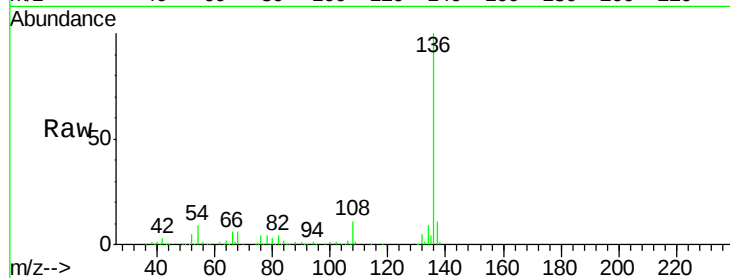




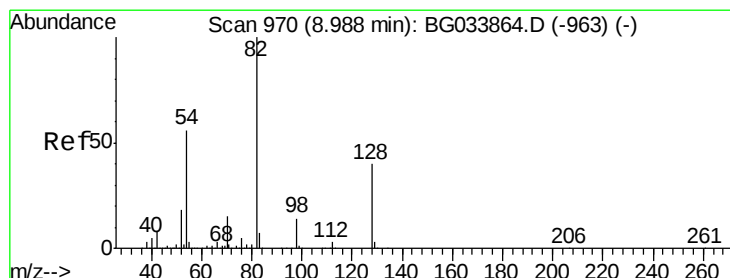
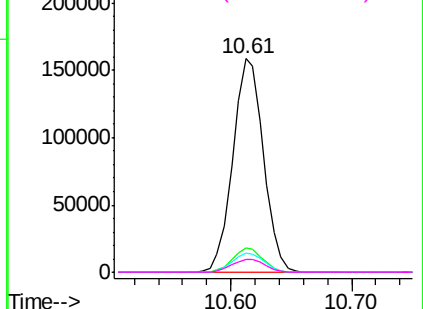
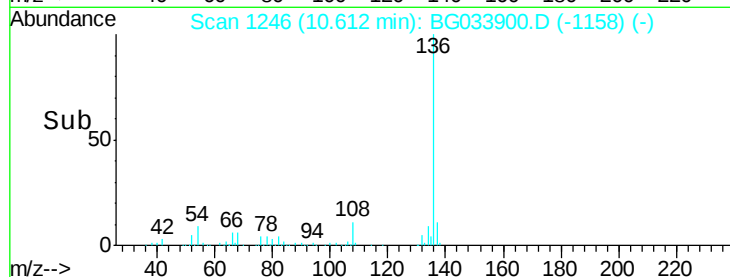
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BG033900.D
Acq: 21 Apr 2018 1:19

Instrument :
BNA_G
ClientSampleId :
041818-DBRI-F-U-B

Tot Ion:136	Resp:	279573
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.2 13.8
54	9.0	10.3 15.5
68	5.9	4.5 6.7

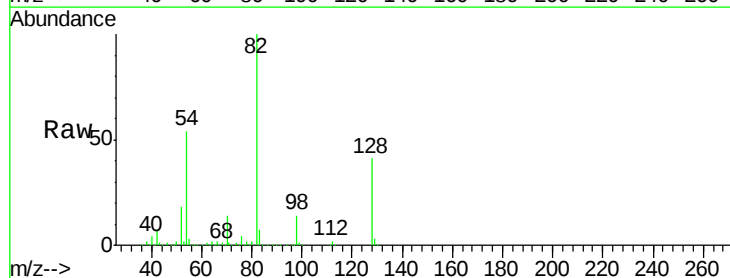


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

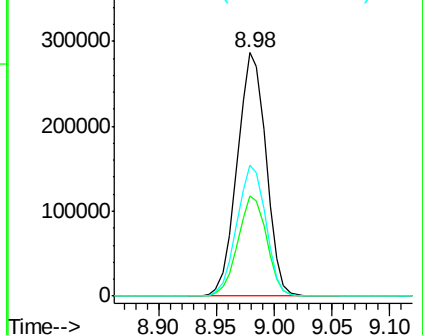
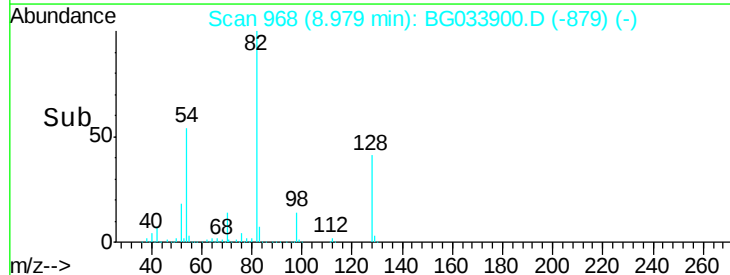


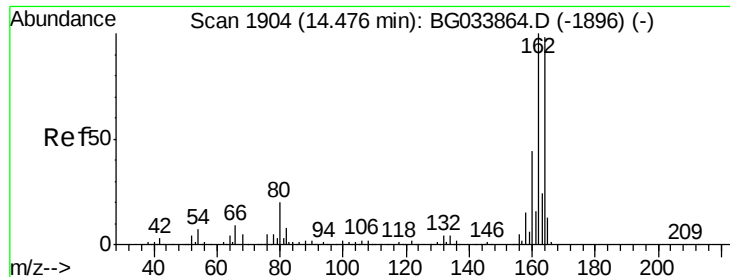
#23
Nitrobenzene-d5
Concen: 101.073 ng
RT: 8.98 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG033900.D
Acq: 21 Apr 2018 1:19

Tgt Ion: 82	Resp:	496527
Ion Ratio	Lower	Upper
82	100	
128	41.2	29.7 44.5
54	53.9	43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): B
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.46 min Scan# 1901

Delta R.T. -0.02 min

Lab File: BG033900.D

Acq: 21 Apr 2018 1:19

Instrument :

BNA_G

ClientSampleId :

041818-DBRI-F-U-B

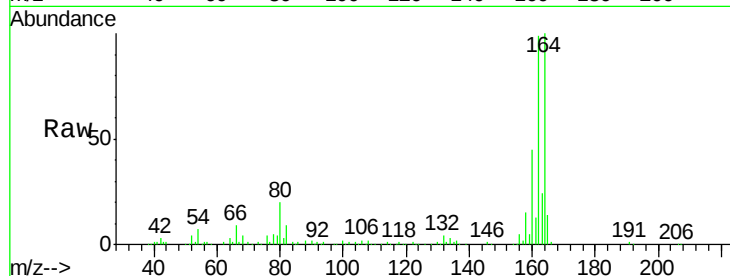
Tot Ion:164 Resp: 174830

Ion Ratio Lower Upper

164 100

162 98.8 78.8 118.2

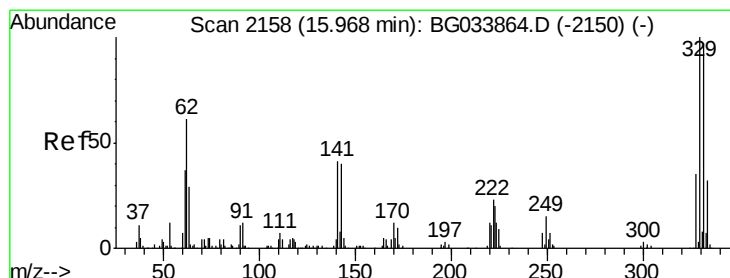
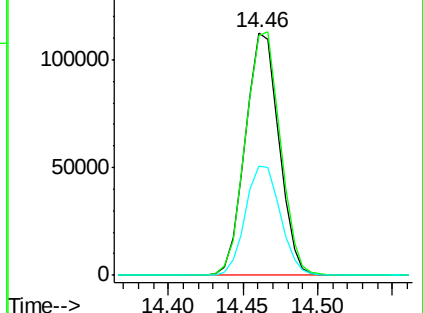
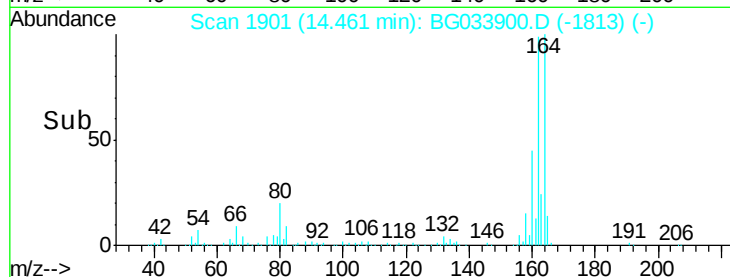
160 45.2 35.4 53.0



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: 108.688 ng

RT: 15.95 min Scan# 2155

Delta R.T. -0.02 min

Lab File: BG033900.D

Acq: 21 Apr 2018 1:19

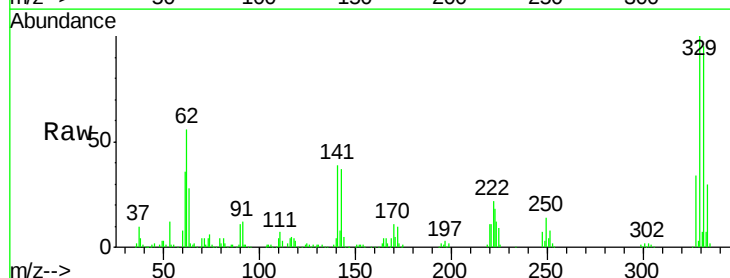
Tgt Ion:330 Resp: 221687

Ion Ratio Lower Upper

330 100

332 95.2 77.0 115.6

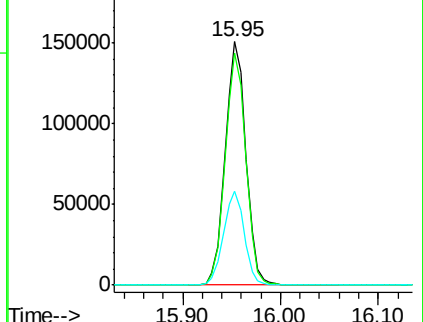
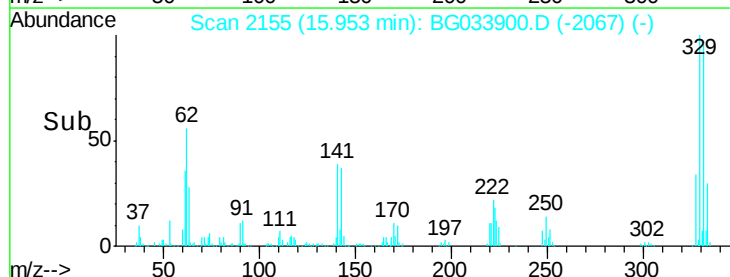
141 39.0 25.2 37.8#

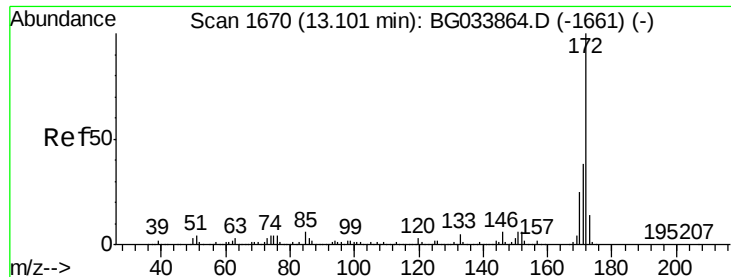


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

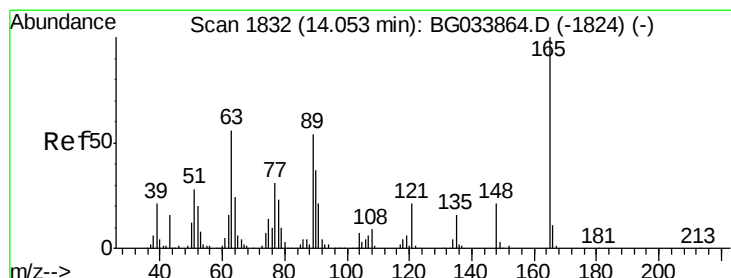
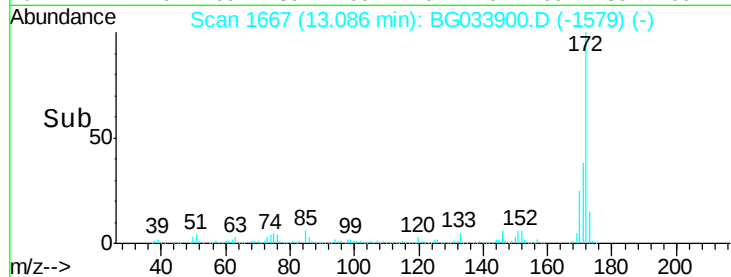
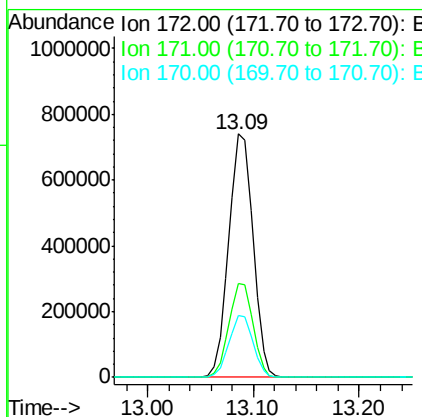
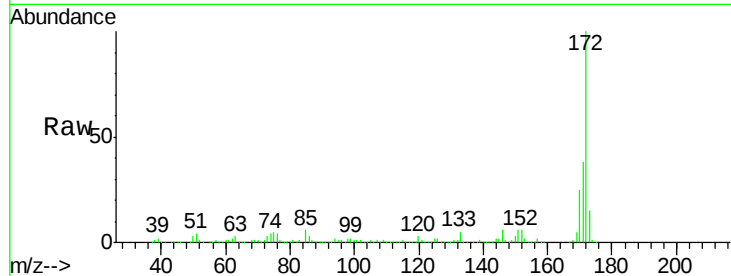




#44
2-Fluorobiphenyl
Concen: 98.671 ng
RT: 13.09 min Scan# 1667
Delta R.T. -0.02 min
Lab File: BG033900.D
Acq: 21 Apr 2018 1:19

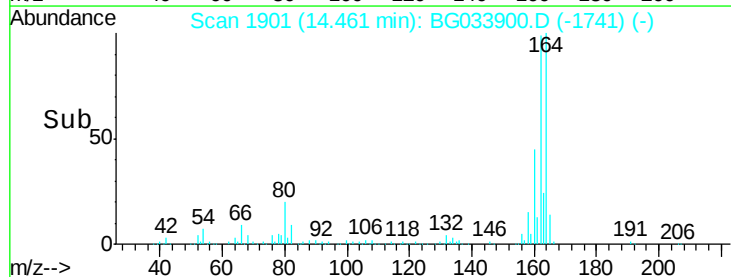
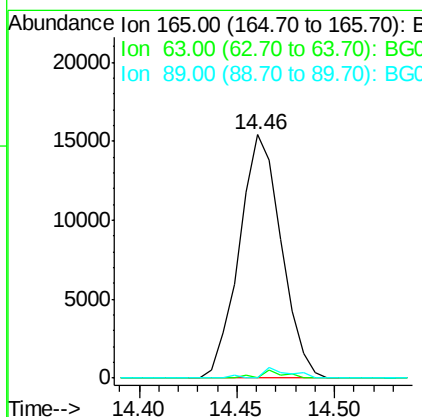
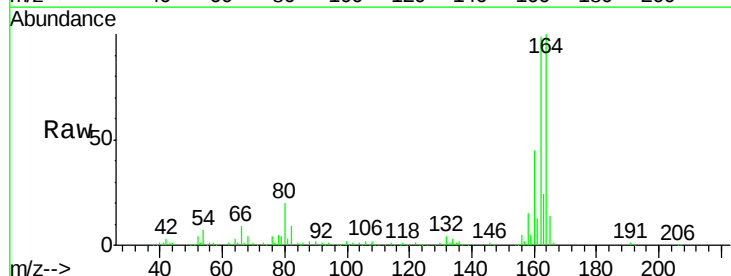
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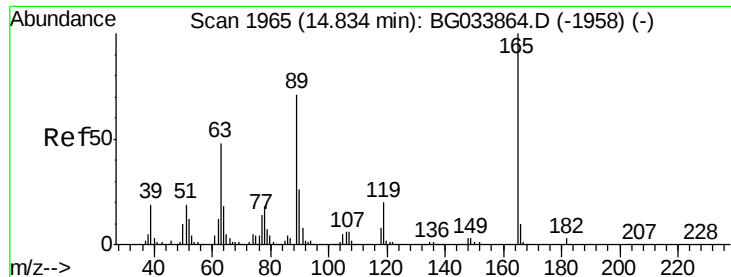
Tot Ion:172 Resp: 1174299
Ion Ratio Lower Upper
172 100
171 38.4 30.0 45.0
170 25.3 19.5 29.3



#50
2,6-Dinitrotoluene
Concen: 7.906 ng
RT: 14.46 min Scan# 1901
Delta R.T. 0.41 min
Lab File: BG033900.D
Acq: 21 Apr 2018 1:19

Tgt Ion:165 Resp: 23042
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 0.0 49.2 73.8#

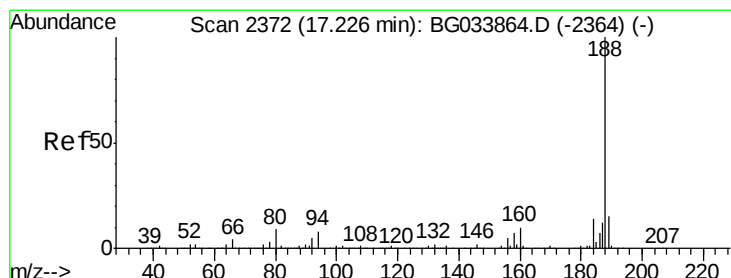
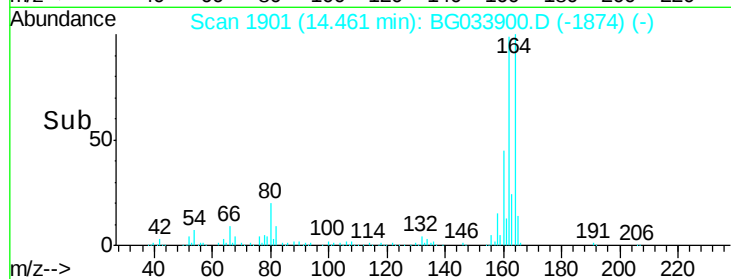
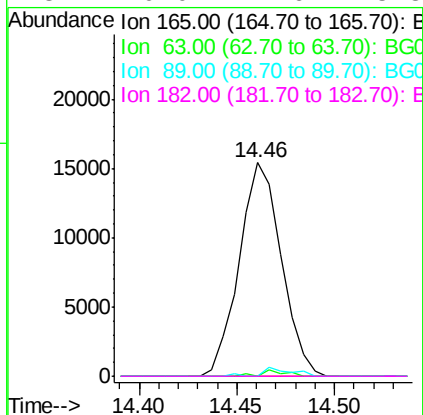
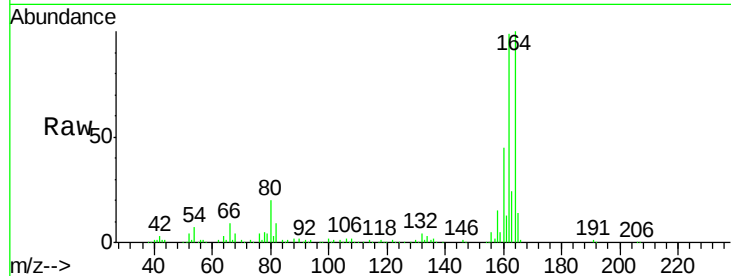




#56
 2,4-Dinitrotoluene
 Concen: 5.945 ng
 RT: 14.46 min Scan# 1901
 Delta R.T. -0.37 min
 Lab File: BG033900.D
 Acq: 21 Apr 2018 1:19

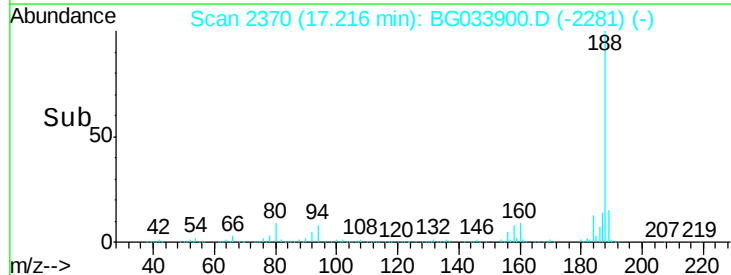
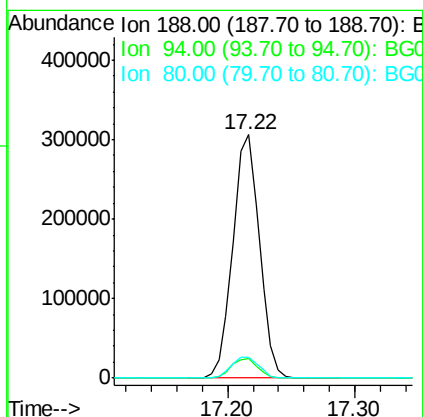
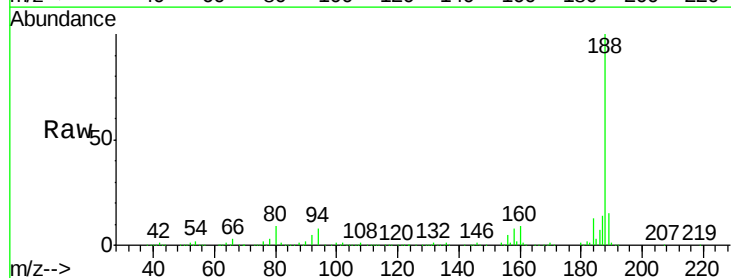
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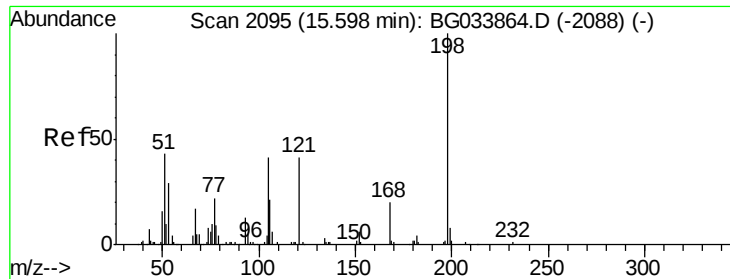
Tot Ion:165 Resp: 23042
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 0.0 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.22 min Scan# 2370
 Delta R.T. -0.01 min
 Lab File: BG033900.D
 Acq: 21 Apr 2018 1:19

Tgt Ion:188 Resp: 442729
 Ion Ratio Lower Upper
 188 100
 94 8.2 6.9 10.3
 80 8.6 7.7 11.5

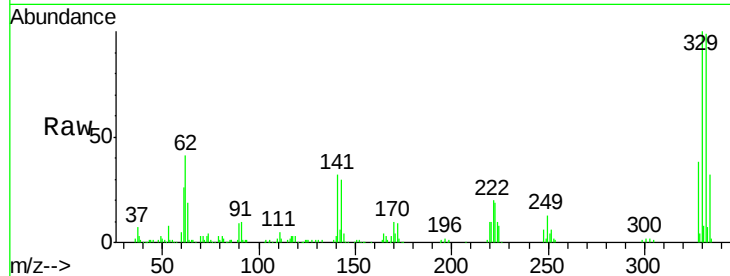




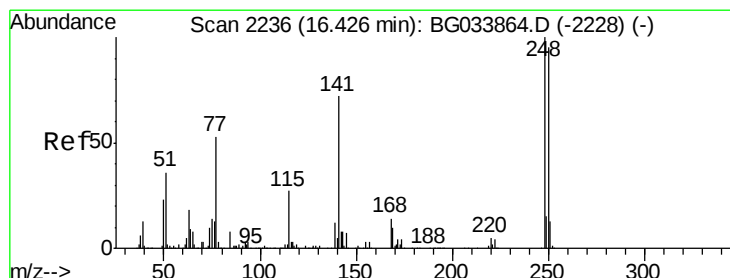
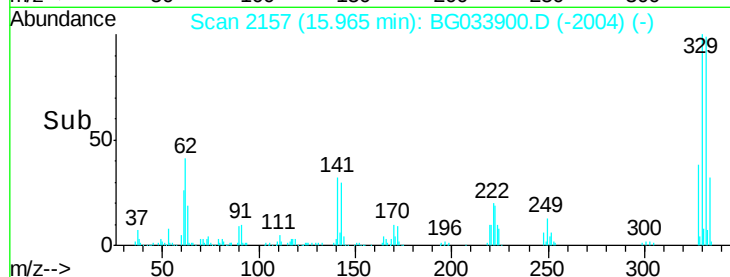
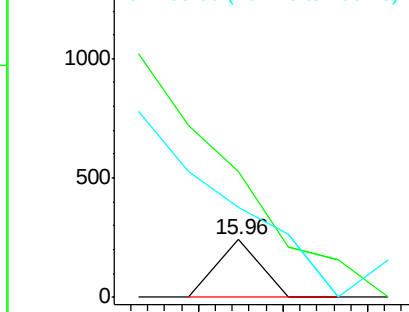
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.524 ng
 RT: 15.96 min Scan# 2157
 Delta R.T. 0.37 min
 Lab File: BG033900.D
 Acq: 21 Apr 2018 1:19

Instrument :
 BNA_G
 ClientSampleId :
 041818-DBRI-F-U-B

Tot Ion	Ratio	Lower	Upper
198	100		
51	49.2	30.6	70.6
105	35.4	23.8	63.8

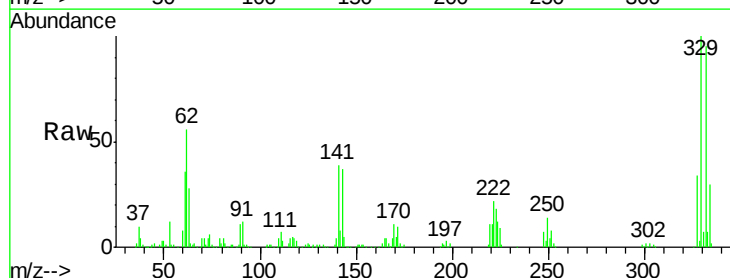


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BGO
 Ion 105.00 (104.70 to 105.70): E

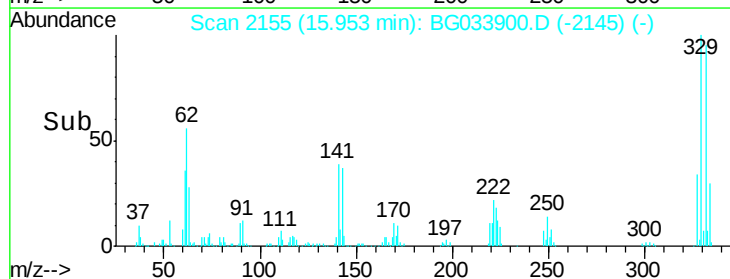
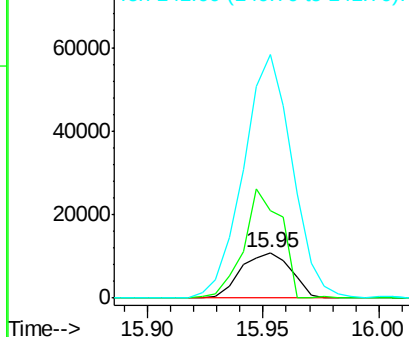


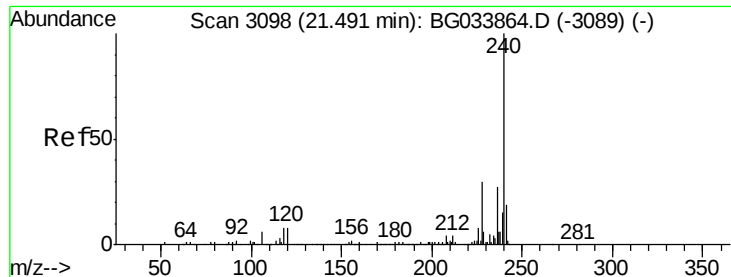
#66
 4-Bromophenyl-phenylether
 Concen: 3.354 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. -0.47 min
 Lab File: BG033900.D
 Acq: 21 Apr 2018 1:19

Tgt Ion	Ratio	Lower	Upper
248	100		
250	180.1	77.1	115.7#
141	379.1	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

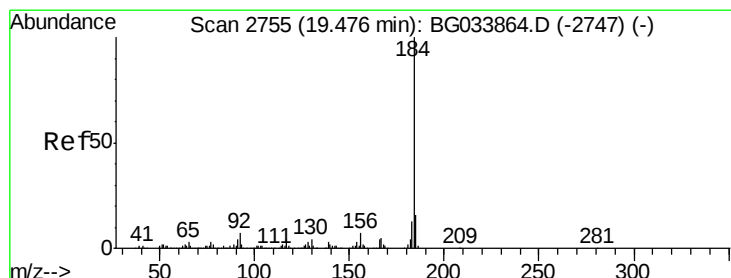
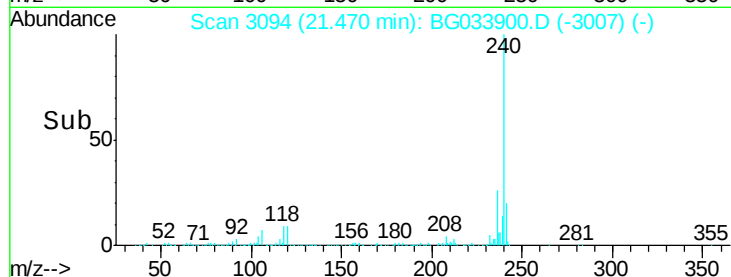
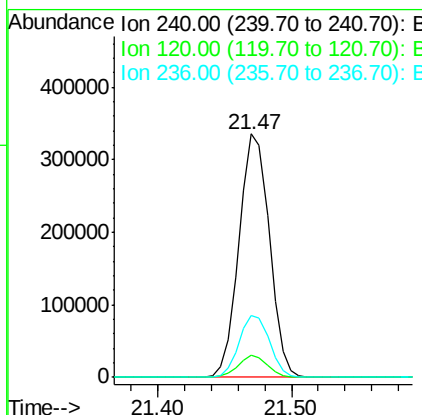
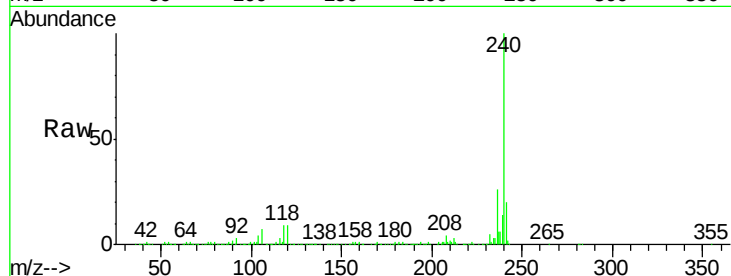




#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.47 min Scan# 3094
Delta R.T. -0.02 min
Lab File: BG033900.D
Acq: 21 Apr 2018 1:19

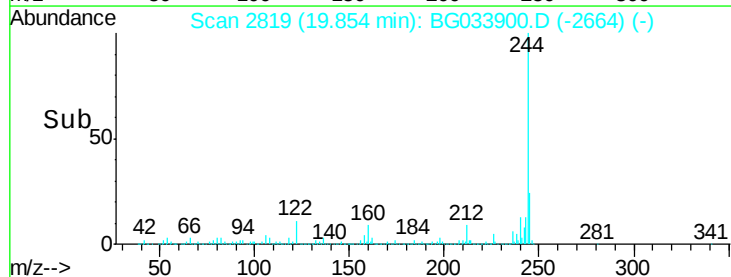
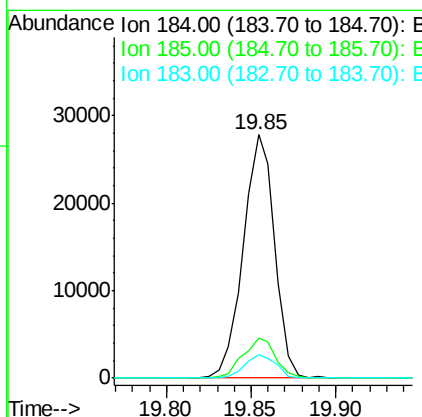
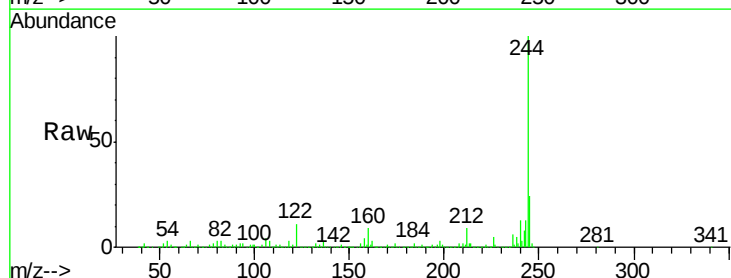
Instrument :
BNA_G
ClientSampleId :
041818-DBRI-F-U-B

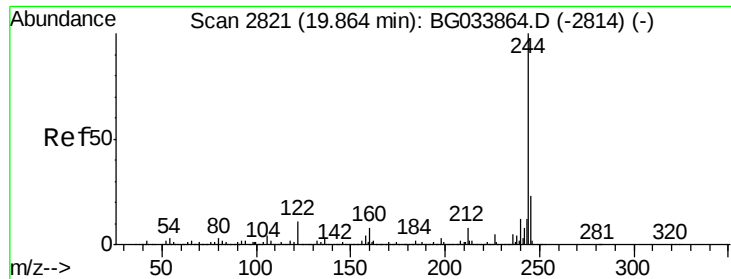
Tot Ion:240 Resp: 528836
Ion Ratio Lower Upper
240 100
120 8.9 6.8 10.2
236 25.5 20.9 31.3



#76
Benzidine
Concen: 2.512 ng
RT: 19.85 min Scan# 2819
Delta R.T. 0.38 min
Lab File: BG033900.D
Acq: 21 Apr 2018 1:19

Tgt Ion:184 Resp: 35866
Ion Ratio Lower Upper
184 100
185 16.4 11.1 16.7
183 9.7 10.6 16.0#





#78

Terphenyl-d14

Concen: 92.860 ng

RT: 19.85 min Scan# 2819

Delta R.T. -0.01 min

Lab File: BG033900.D

Acq: 21 Apr 2018 1:19

Instrument :

BNA_G

ClientSampleId :

041818-DBRI-F-U-B

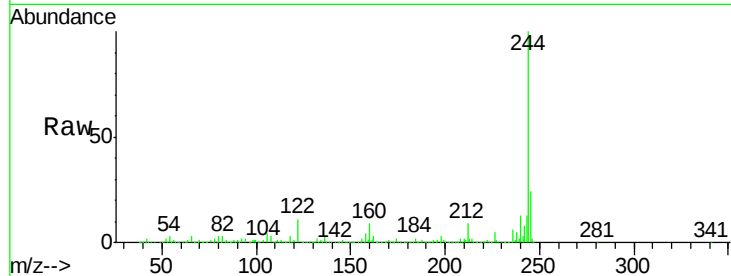
Tot Ion:244 Resp: 2185848

Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.8#

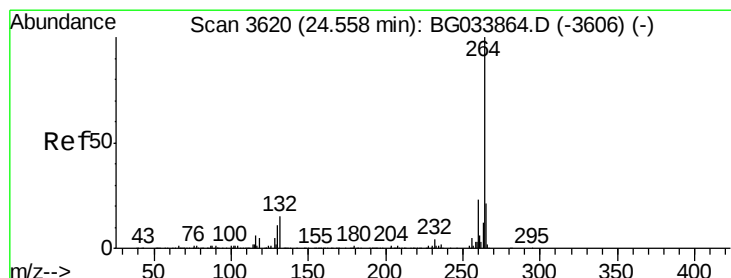
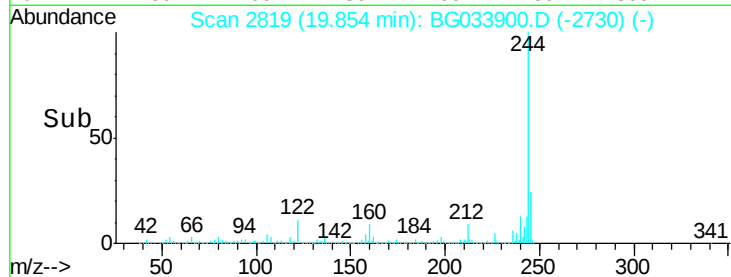
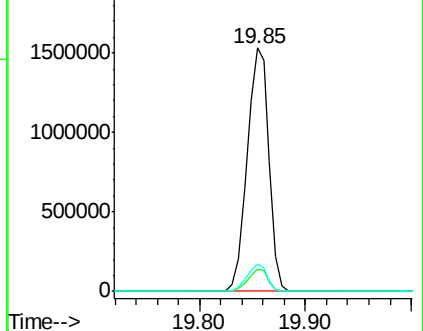
122 11.4 7.0 10.4#



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: 24.54 min Scan# 3616

Delta R.T. -0.02 min

Lab File: BG033900.D

Acq: 21 Apr 2018 1:19

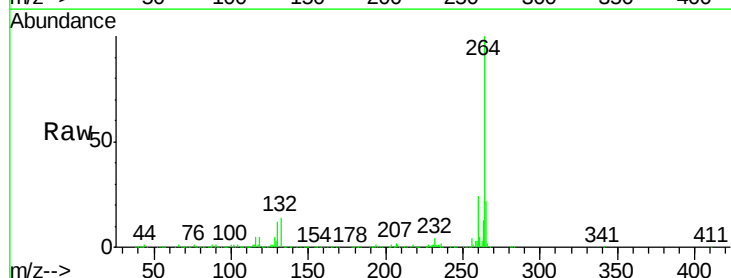
Tgt Ion:264 Resp: 521859

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.0

265 22.0 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

