

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042018\
 Data File : BG033884.D
 Acq On : 20 Apr 2018 13:46
 Operator : SJ/JU
 Sample : J2455-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Quant Time: Apr 21 05:13:26 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

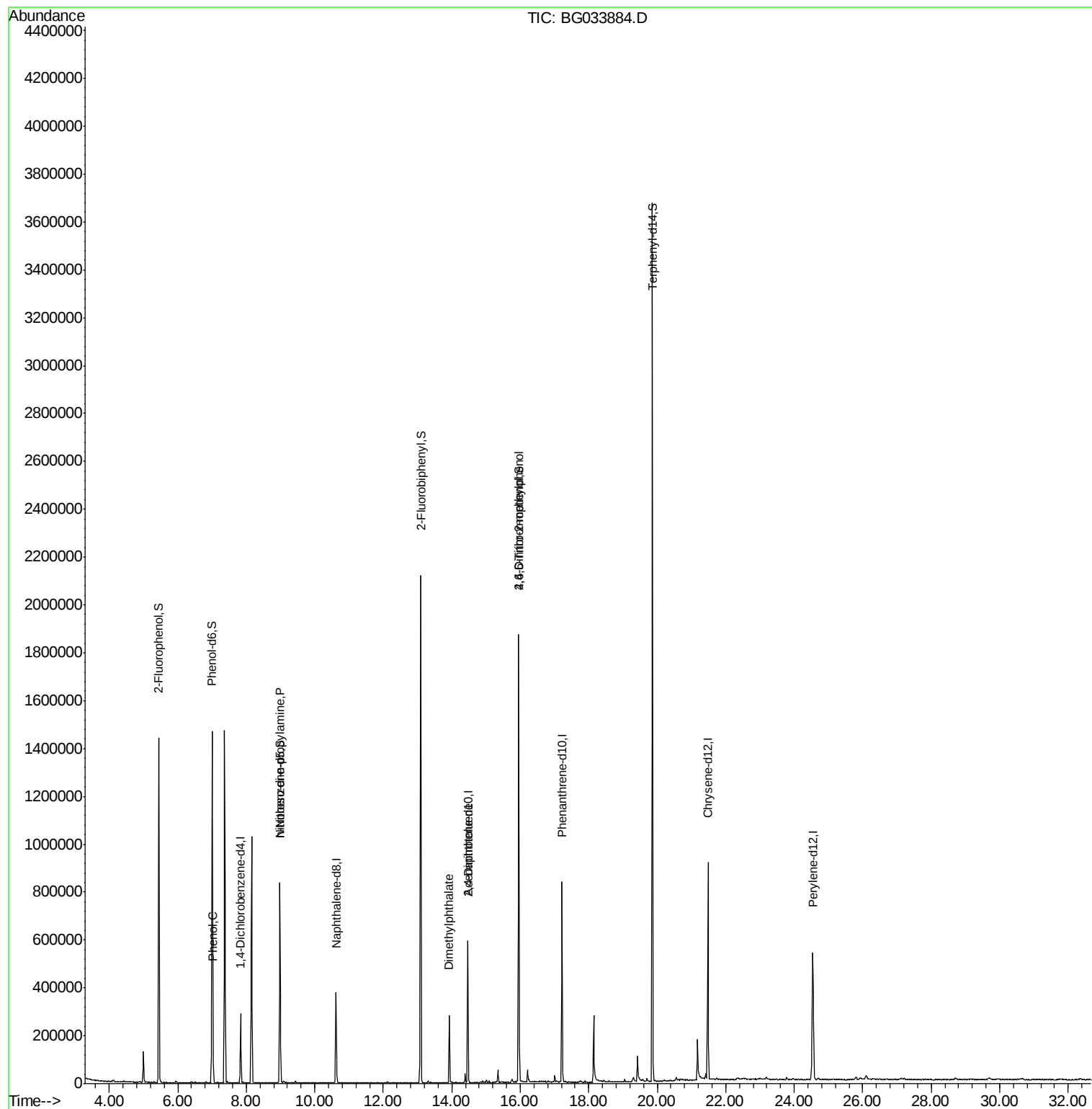
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	75896	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	322743	20.00	ng	0.00
38) Acenaphthene-d10	14.47	164	205831	20.00	ng	0.00
63) Phenanthrene-d10	17.22	188	503627	20.00	ng	0.00
75) Chrysene-d12	21.48	240	522078	20.00	ng	-0.01
86) Perylene-d12	24.55	264	530709	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	607736	127.84	ng	0.00
7) Phenol-d6	7.01	99	816225	117.72	ng	0.00
23) Nitrobenzene-d5	8.98	82	501870	88.50	ng	0.00
41) 2,4,6-Tribromophenol	15.96	330	330167	137.49	ng	0.00
44) 2-Fluorobiphenyl	13.09	172	1107649	79.05	ng	0.00
78) Terphenyl-d14	19.86	244	1707160	73.46	ng	0.00
Target Compounds						
9) Benzaldehyde	7.01	77	2213	Below Cal		Qvalue
10) Phenol	7.03	94	40418	5.690	ng	# 5
19) n-Nitroso-di-n-propylamine	8.98	70	70390	11.910	ng	# 78
49) Dimethylphthalate	13.93	163	184834	10.209	ng	# 99
56) 2,4-Dinitrotoluene	14.47	165	26681	5.848	ng	# 18
64) 4,6-Dinitro-2-methylphenol	15.96	198	2129	7.248	ng	# 85

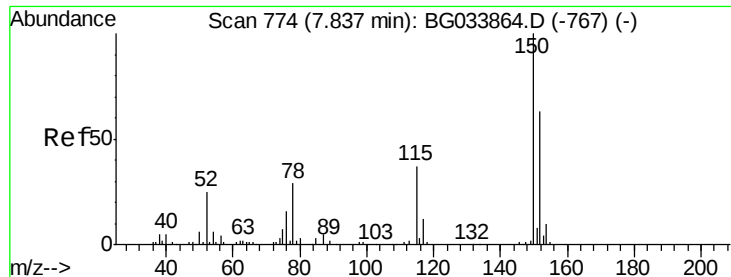
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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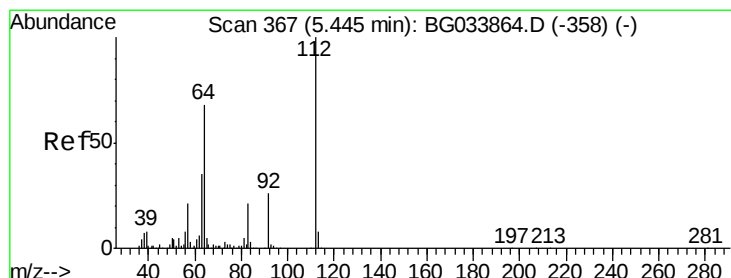
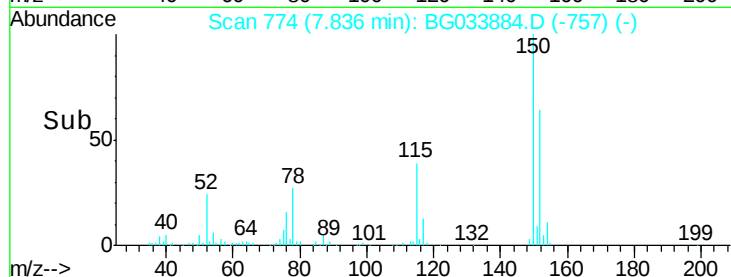
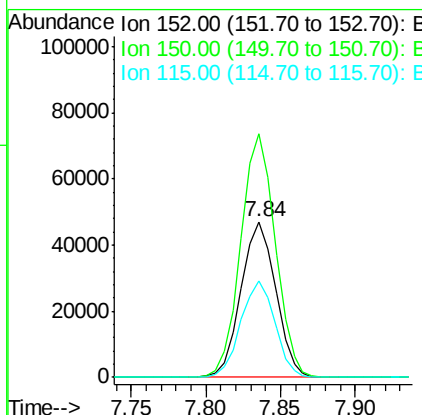
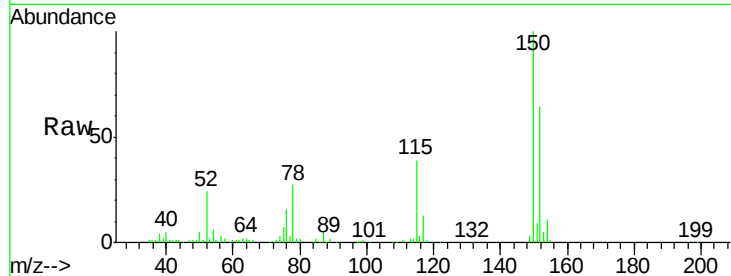


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.84 min Scan# 774
Delta R.T. -0.00 min
Lab File: BG033884.D
Acq: 20 Apr 2018 13:46

Instrument :
BNA_G
ClientSampleId :
TP-2

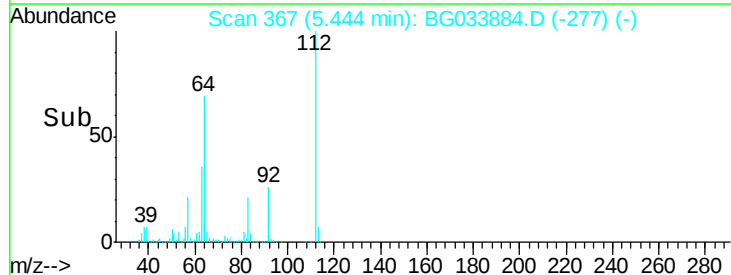
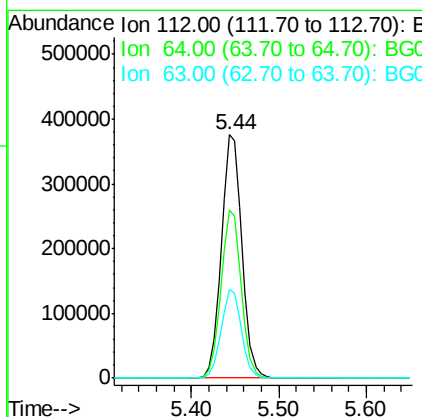
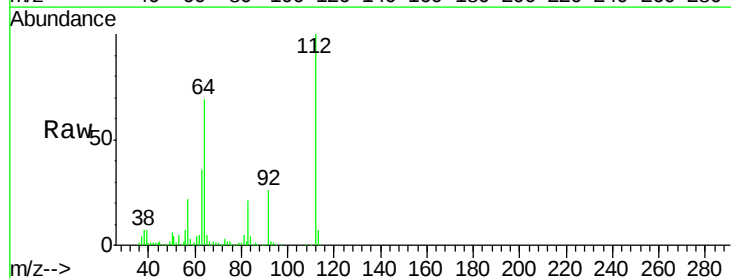
Tot Ion:152 Resp: 75896
Ion Ratio Lower Upper
152 100
150 156.5 126.6 189.8
115 61.6 53.0 79.4

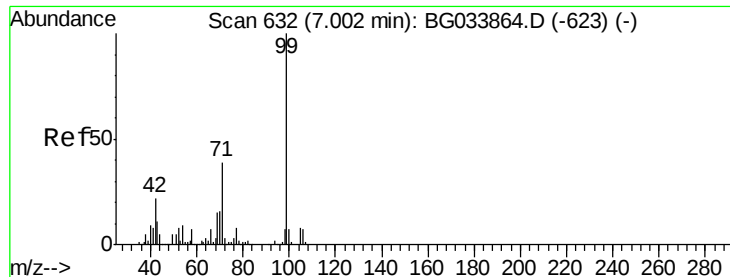


#5

2-Fluorophenol
Concen: 127.842 ng
RT: 5.44 min Scan# 367
Delta R.T. -0.00 min
Lab File: BG033884.D
Acq: 20 Apr 2018 13:46

Tgt Ion:112 Resp: 607736
Ion Ratio Lower Upper
112 100
64 69.2 56.3 84.5
63 36.4 30.1 45.1





#7

Phenol-d6

Concen: 117.719 ng

RT: 7.01 min Scan# 633

Delta R.T. 0.00 min

Lab File: BG033884.D

Acq: 20 Apr 2018 13:46

Instrument :

BNA_G

ClientSampleId :

TP-2

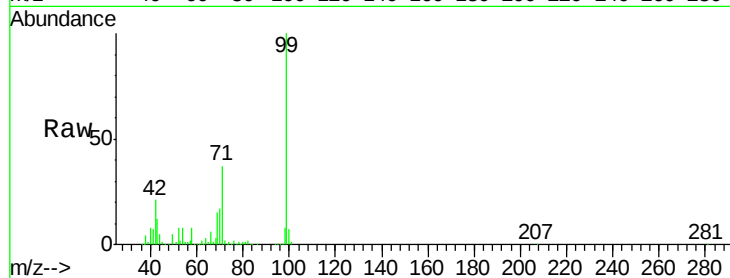
Tot Ion: 99 Resp: 816225

Ion Ratio Lower Upper

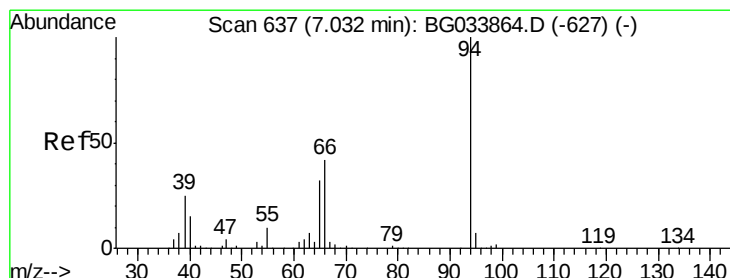
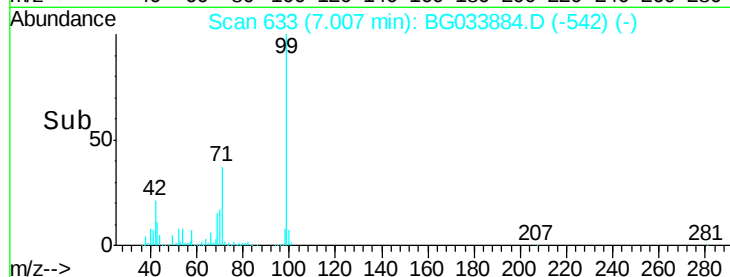
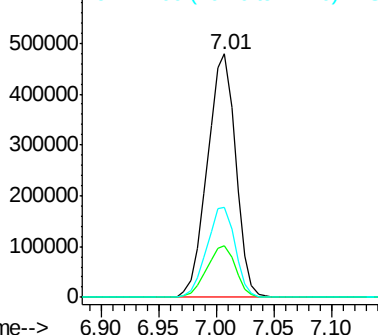
99 100

42 21.0 14.1 21.1

71 36.8 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



#10

Phenol

Concen: 5.690 ng

RT: 7.03 min Scan# 637

Delta R.T. -0.00 min

Lab File: BG033884.D

Acq: 20 Apr 2018 13:46

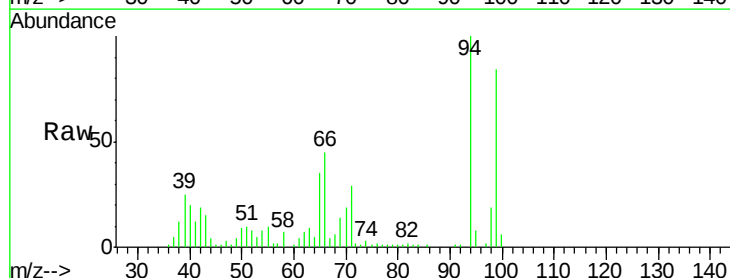
Tgt Ion: 94 Resp: 40418

Ion Ratio Lower Upper

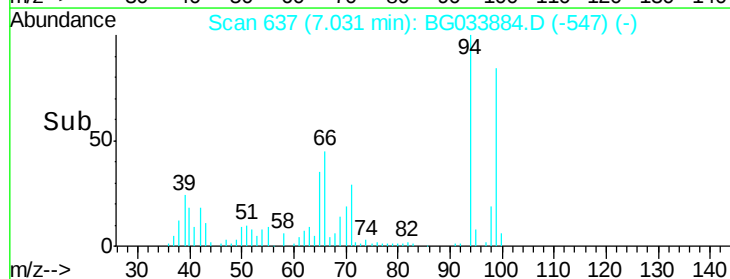
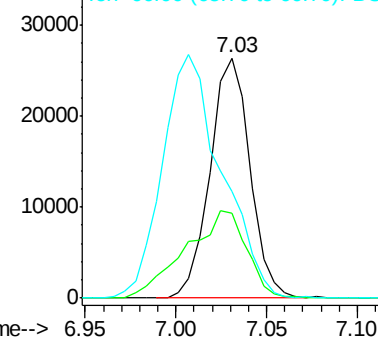
94 100

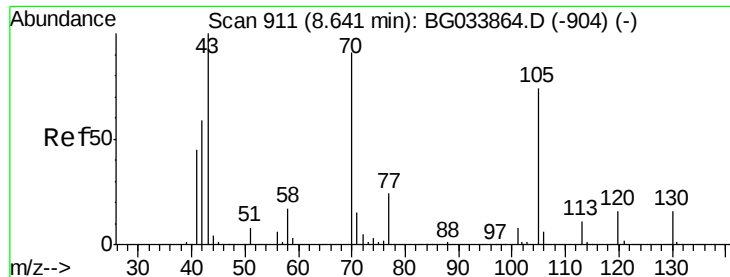
65 35.1 11.9 51.9

66 44.5 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

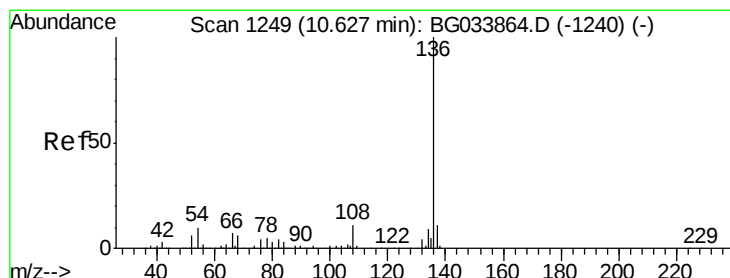
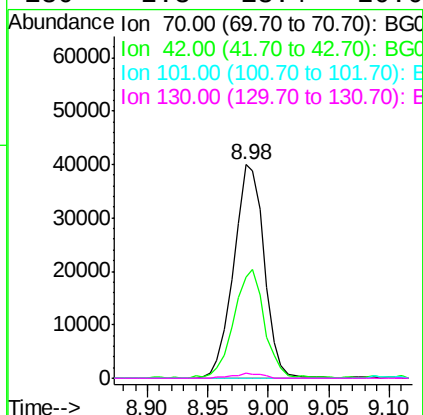
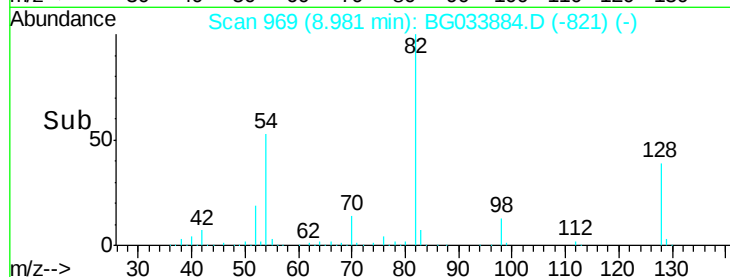
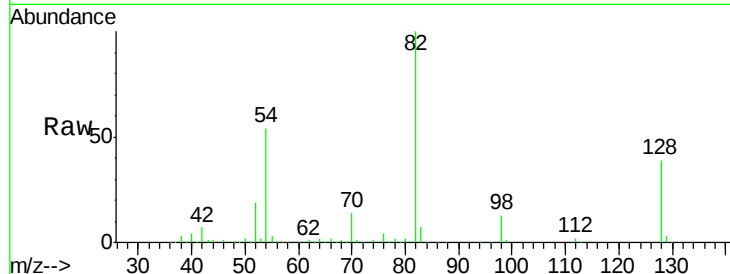




#19
n-Nitroso-di-n-propylamine
Concen: 11.910 ng
RT: 8.98 min Scan# 969
Delta R.T. 0.34 min
Lab File: BG033884.D
Acq: 20 Apr 2018 13:46

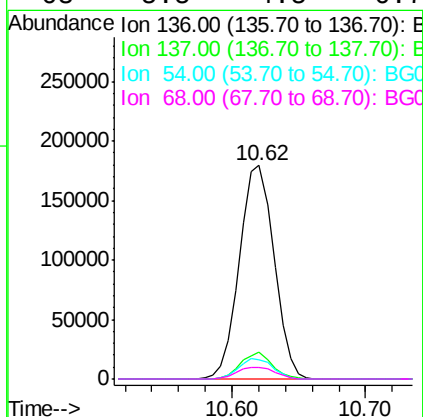
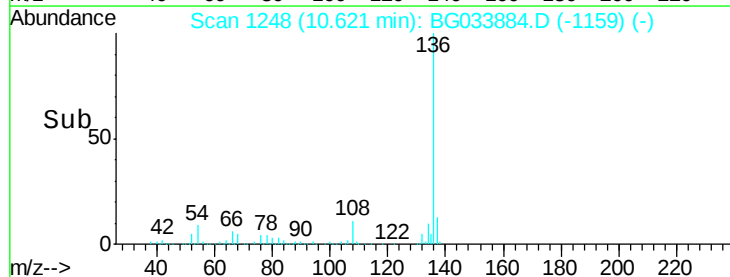
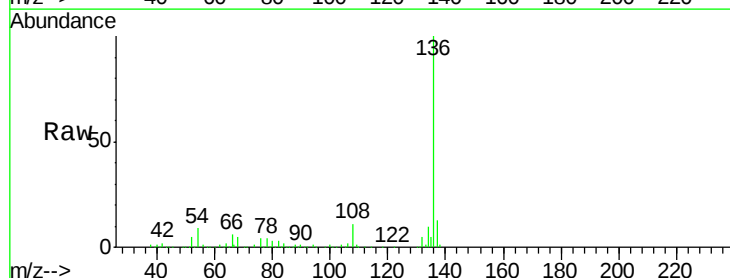
Instrument :
BNA_G
ClientSampleId :
TP-2

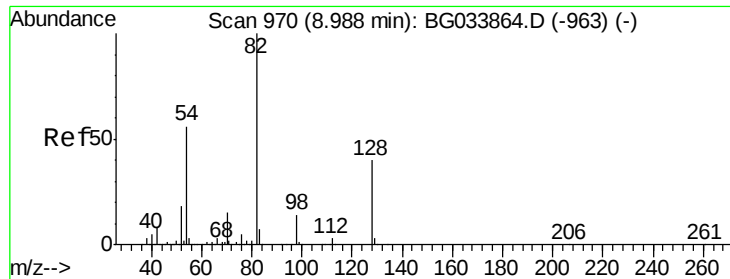
Tot Ion: 70 Resp: 70390
Ion Ratio Lower Upper
70 100
42 47.5 49.1 73.7#
101 0.0 8.5 12.7#
130 2.3 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.62 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BG033884.D
Acq: 20 Apr 2018 13:46

Tgt Ion: 136 Resp: 322743
Ion Ratio Lower Upper
136 100
137 12.6 9.2 13.8
54 9.0 10.3 15.5#
68 5.5 4.5 6.7

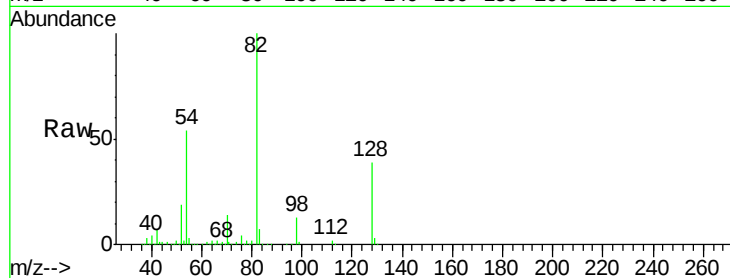




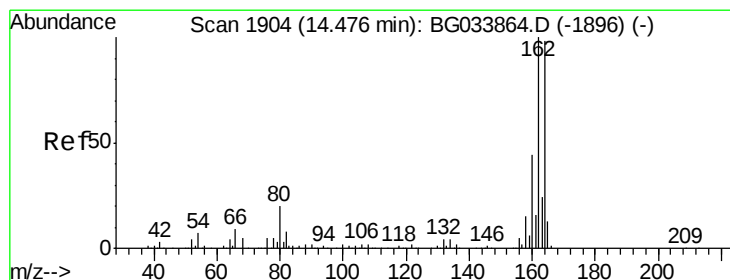
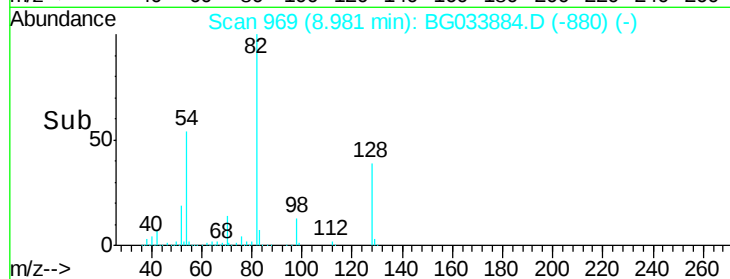
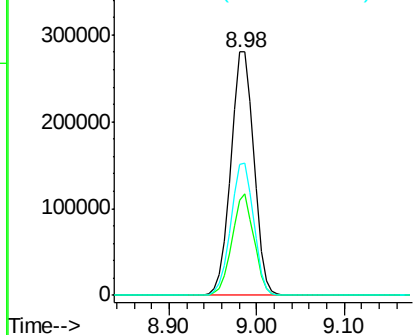
#23
Nitrobenzene-d5
Concen: 88.495 ng
RT: 8.98 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG033884.D
Acq: 20 Apr 2018 13:46

Instrument :
BNA_G
ClientSampleId :
TP-2

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.9	29.7	44.5
54	53.5	43.1	64.7

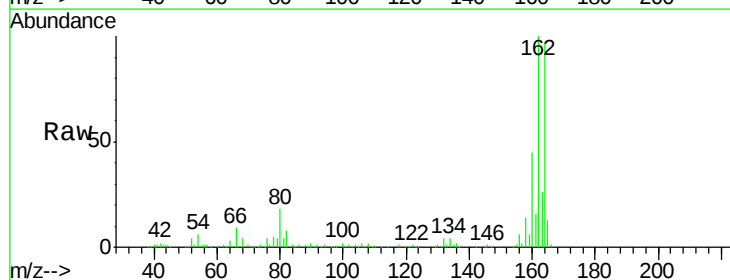


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

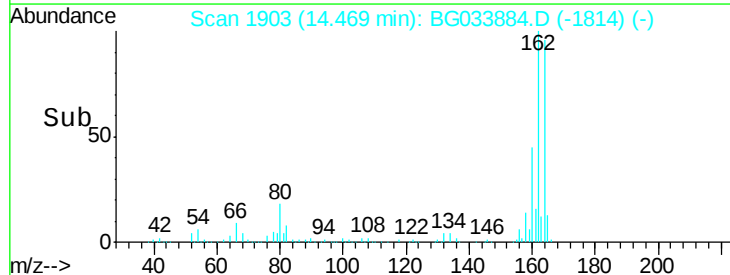
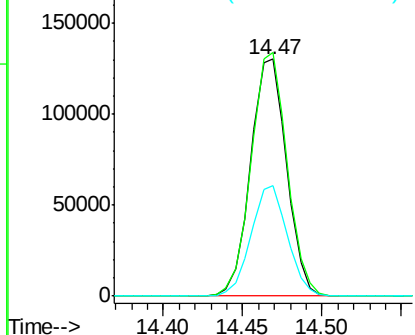


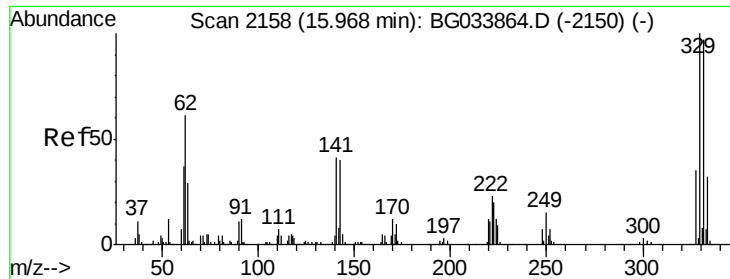
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.47 min Scan# 1903
Delta R.T. -0.01 min
Lab File: BG033884.D
Acq: 20 Apr 2018 13:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	78.8	118.2
160	46.7	35.4	53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

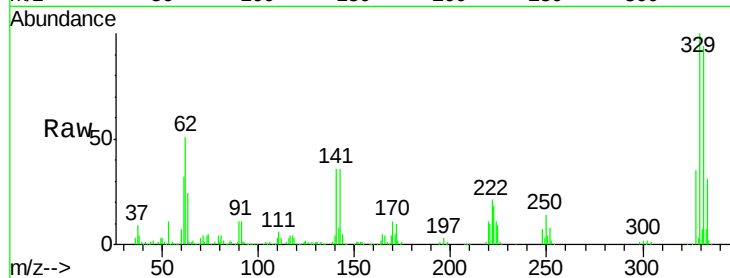




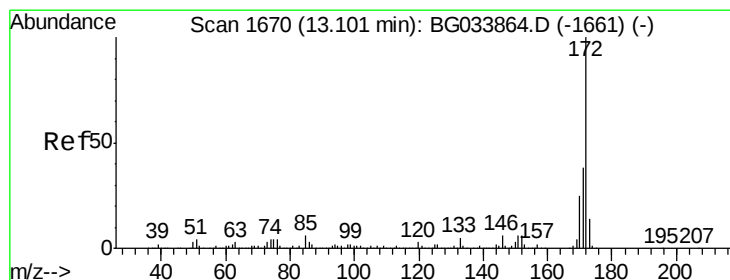
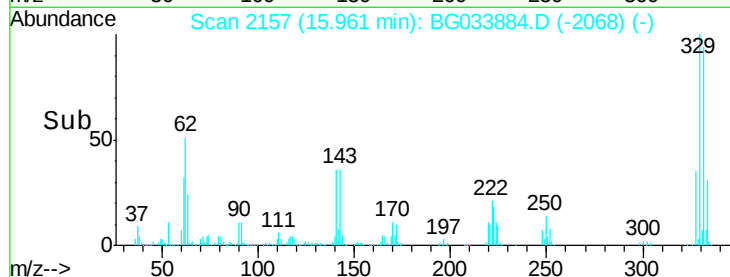
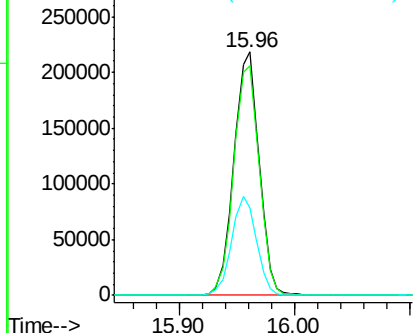
#41
 2,4,6-Tribromophenol
 Concen: 137.492 ng
 RT: 15.96 min Scan# 2157
 Delta R.T. -0.01 min
 Lab File: BG033884.D
 Acq: 20 Apr 2018 13:46

Instrument :
 BNA_G
 ClientSampled :
 TP-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	40.1	25.2	37.8#

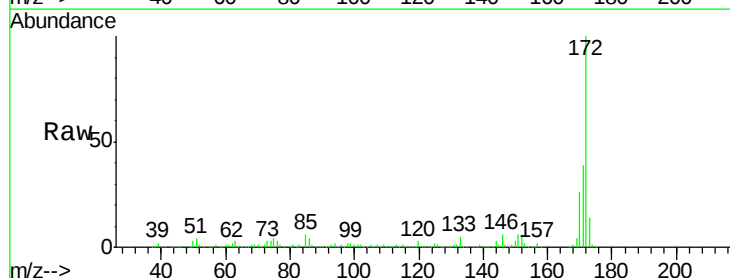


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

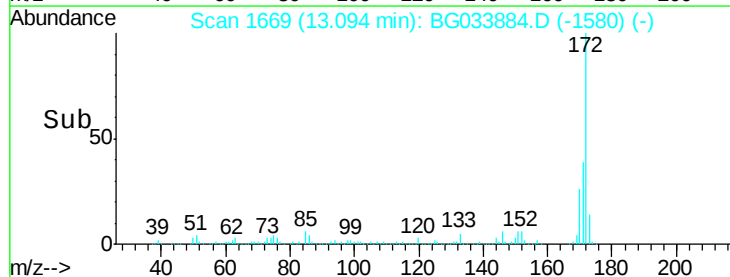
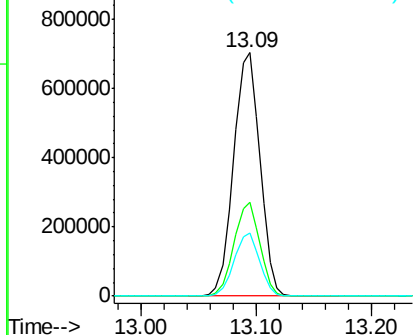


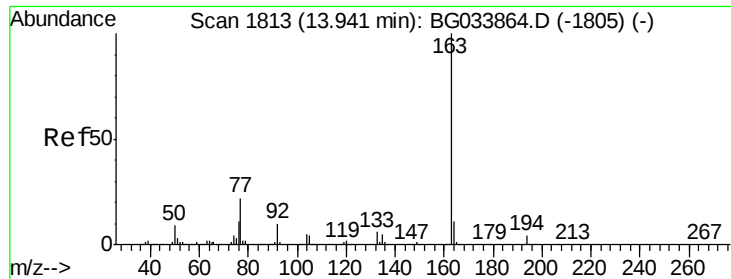
#44
 2-Fluorobiphenyl
 Concen: 79.053 ng
 RT: 13.09 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BG033884.D
 Acq: 20 Apr 2018 13:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	30.0	45.0
170	25.7	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

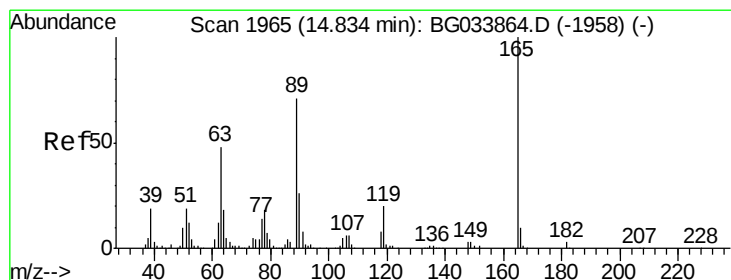
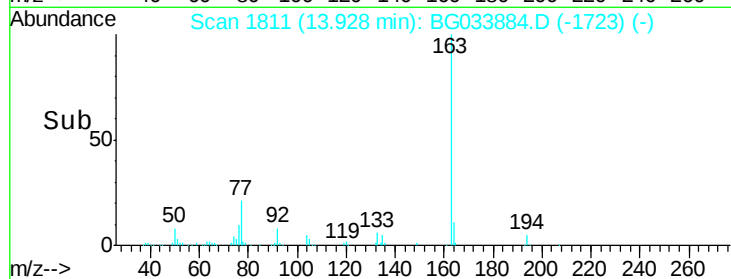
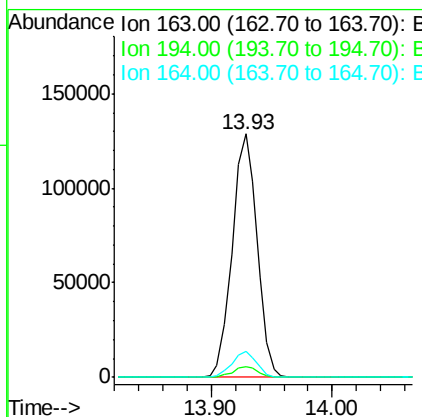
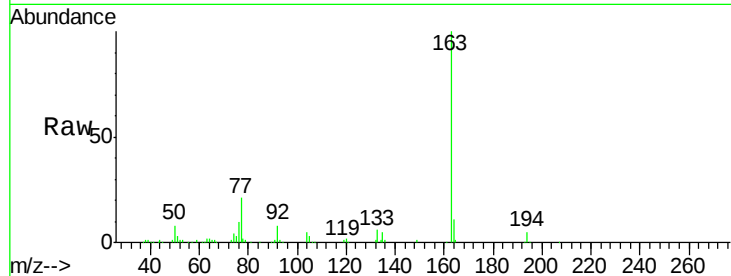




#49
Dimethylphthalate
Concen: 10.209 ng
RT: 13.93 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BG033884.D
Acq: 20 Apr 2018 13:46

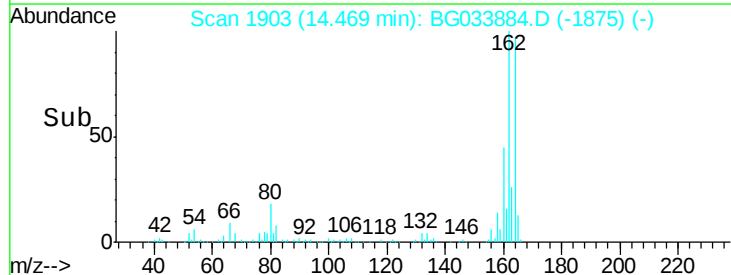
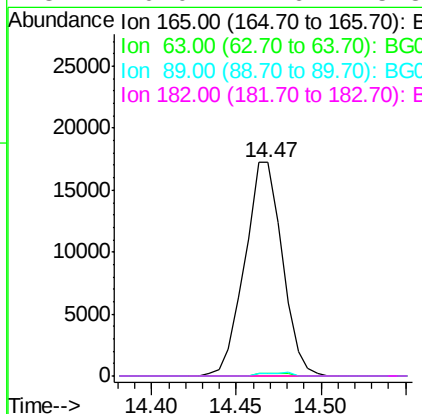
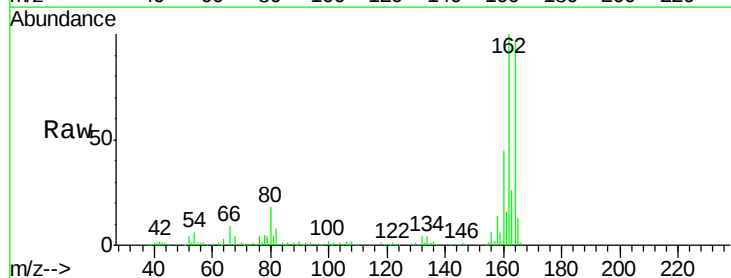
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BNA_G
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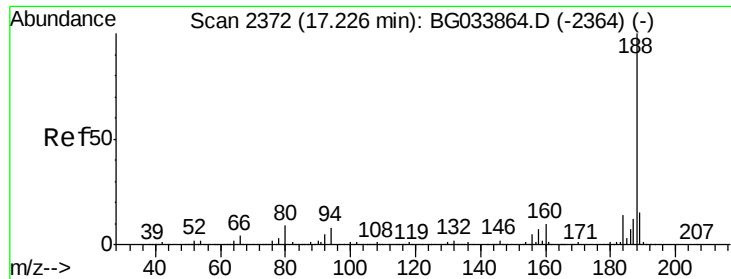
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	10.6	8.2	12.4



#56
2,4-Dinitrotoluene
Concen: 5.848 ng
RT: 14.47 min Scan# 1903
Delta R.T. -0.37 min
Lab File: BG033884.D
Acq: 20 Apr 2018 13:46

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	42.0	63.0#
89	1.4	66.9	100.3#
182	0.0	2.6	3.8#

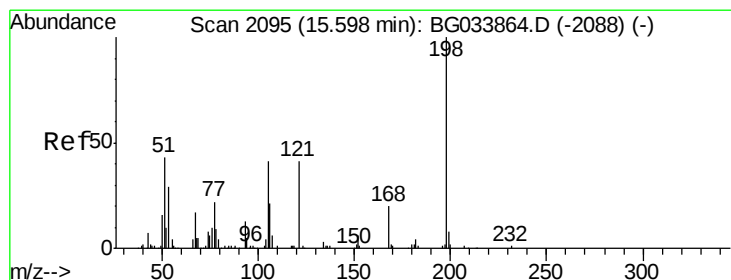
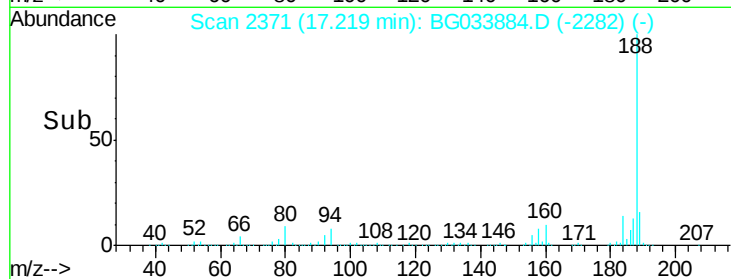
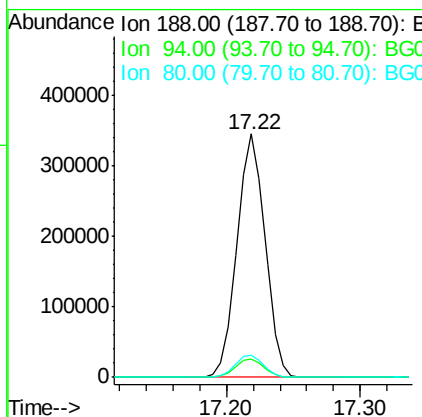
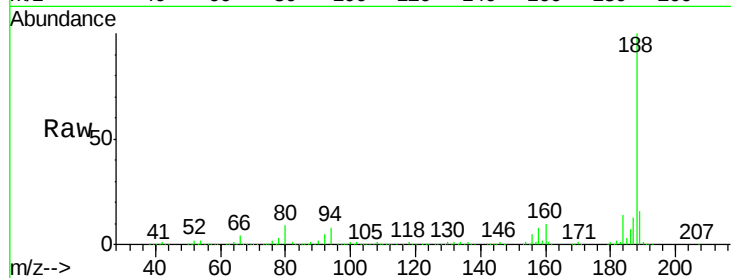




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.22 min Scan# 2371
 Delta R.T. -0.01 min
 Lab File: BG033884.D
 Acq: 20 Apr 2018 13:46

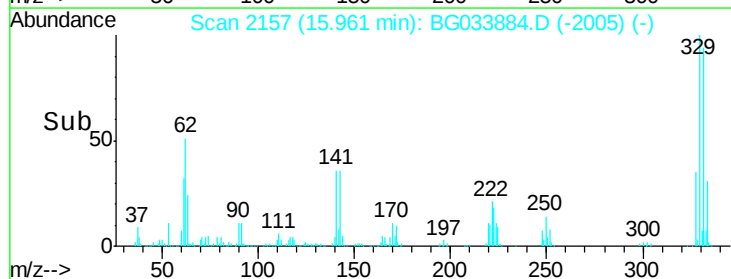
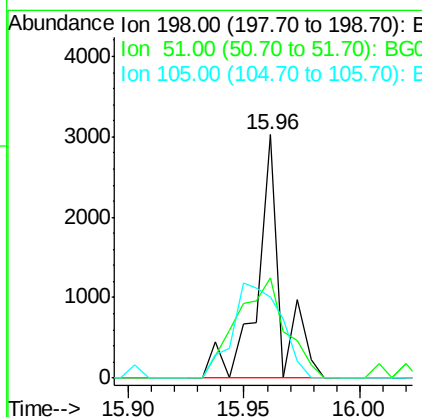
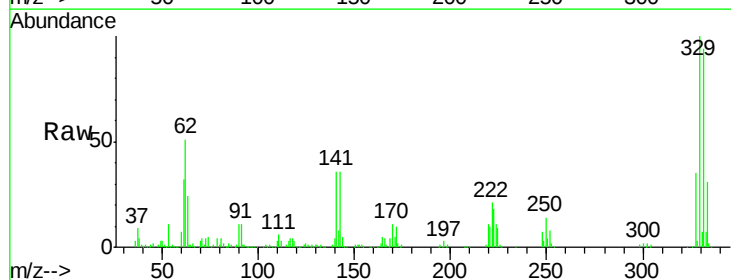
Instrument :
 BNA_G
 ClientSampleId :
 TP-2

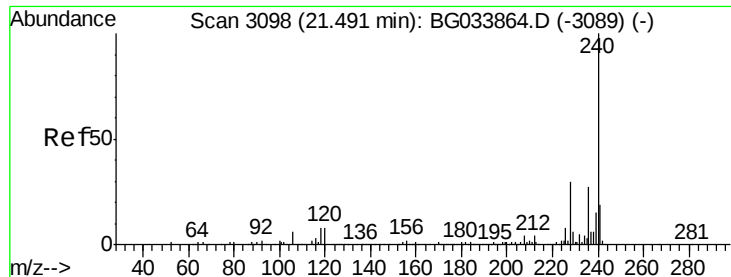
Tot Ion:188 Resp: 503627
 Ion Ratio Lower Upper
 188 100
 94 7.6 6.9 10.3
 80 8.9 7.7 11.5



#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.248 ng
 RT: 15.96 min Scan# 2157
 Delta R.T. 0.36 min
 Lab File: BG033884.D
 Acq: 20 Apr 2018 13:46

Tgt Ion:198 Resp: 2129
 Ion Ratio Lower Upper
 198 100
 51 41.0 30.6 70.6
 105 33.1 23.8 63.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.48 min Scan# 3096

Delta R.T. -0.01 min

Lab File: BG033884.D

Acq: 20 Apr 2018 13:46

Instrument :

BNA_G

ClientSampleId :

TP-2

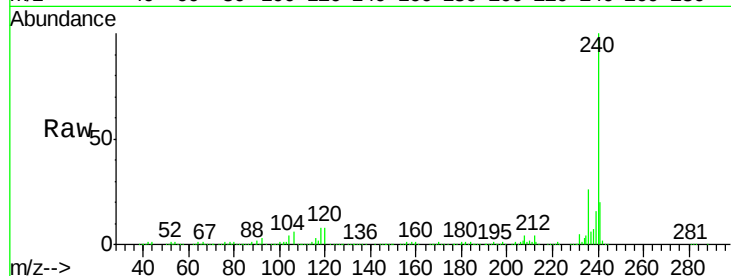
Tot Ion:240 Resp: 522078

Ion Ratio Lower Upper

240 100

120 8.3 6.8 10.2

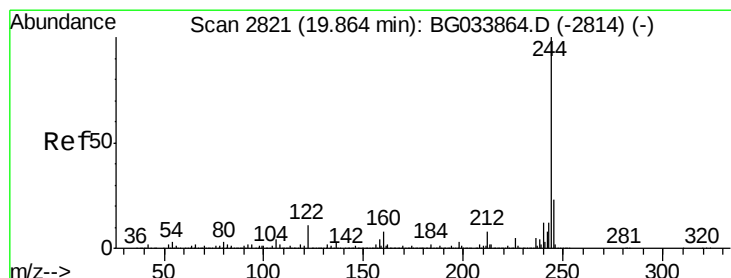
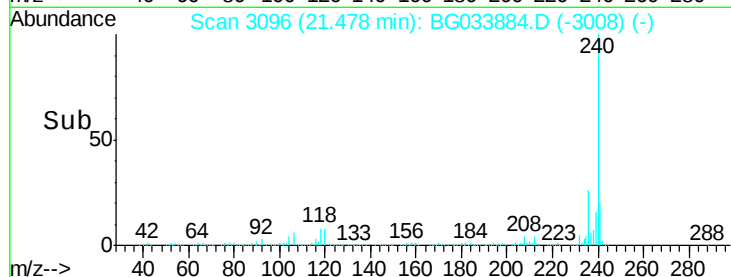
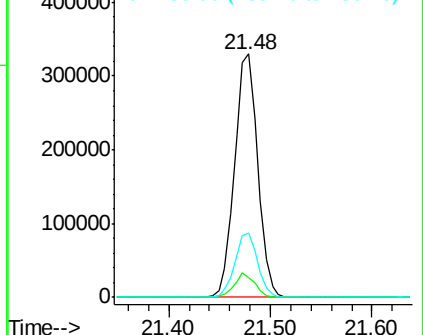
236 26.5 20.9 31.3



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



#78

Terphenyl-d14

Concen: 73.463 ng

RT: 19.86 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BG033884.D

Acq: 20 Apr 2018 13:46

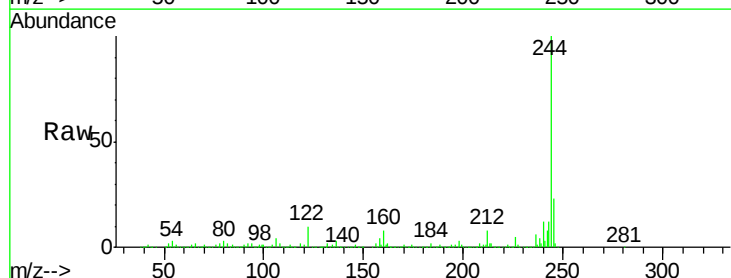
Tgt Ion:244 Resp: 1707160

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

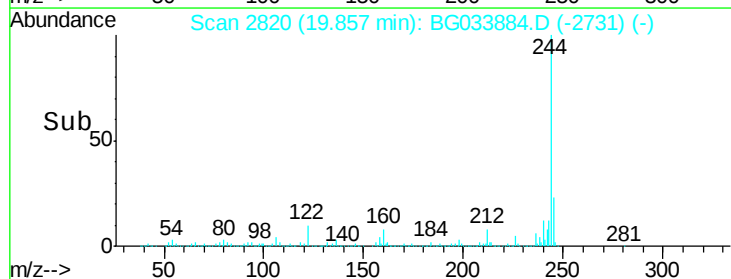
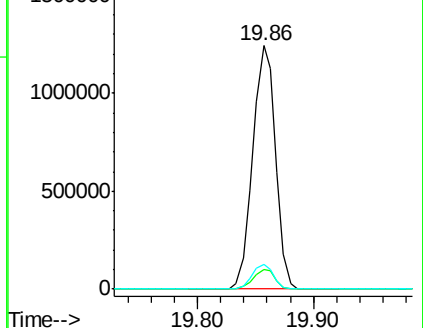
122 10.4 7.0 10.4

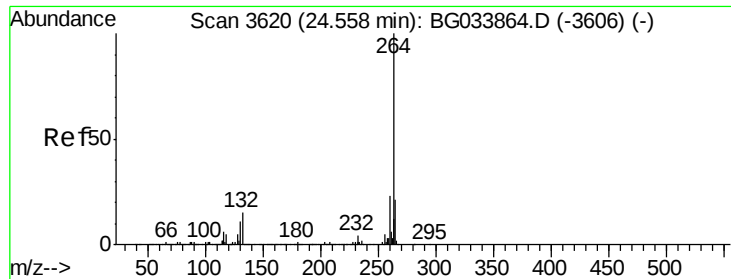


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.55 min Scan# 3618
Delta R.T. -0.01 min
Lab File: BG033884.D
Acq: 20 Apr 2018 13:46

Instrument :
BNA_G
ClientSampleId :
TP-2

Tot Ion:264 Resp: 530709
Ion Ratio Lower Upper
264 100
260 22.9 17.4 26.0
265 22.3 17.7 26.5

