

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031218\
 Data File : BF103577.D
 Acq On : 12 Mar 2018 13:06
 Operator : SJ/JU
 Sample : J1873-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8-COMP

Quant Time: Mar 12 13:53:14 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 11:47:13 2018
 Response via : Initial Calibration

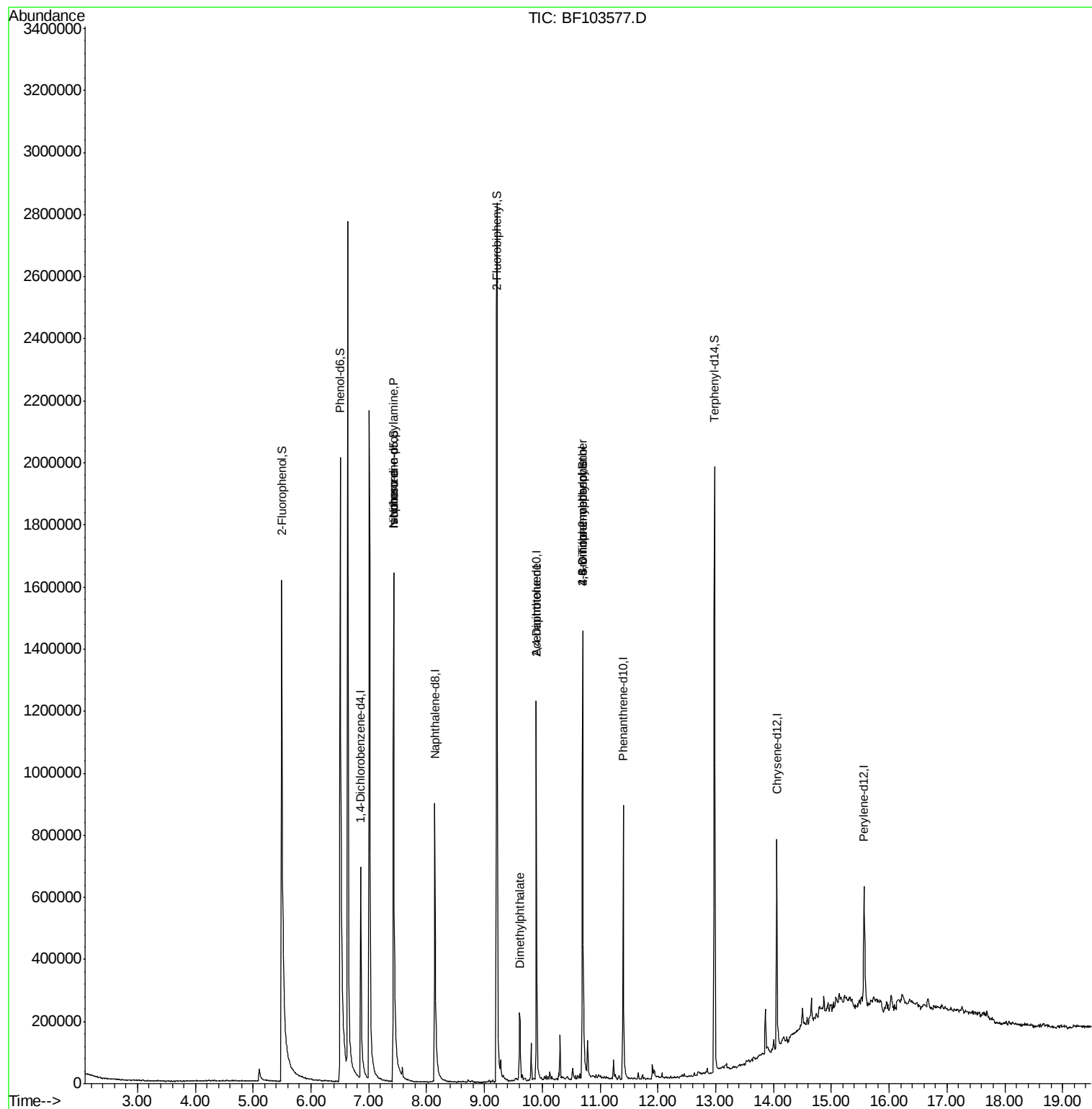
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	150167	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	625477	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	251813	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	375789	20.00	ng	0.00
75) Chrysene-d12	14.06	240	239950	20.00	ng	0.00
86) Perylene-d12	15.57	264	206070	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	969372	97.63	ng	0.00
7) Phenol-d6	6.50	99	1258667	103.60	ng	0.00
23) Nitrobenzene-d5	7.43	82	781428	71.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	173841	81.56	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1016506	65.85	ng	0.00
78) Terphenyl-d14	12.98	244	641413	64.26	ng	0.00
Target Compounds						
9) Benzaldehyde	6.50	77	2153	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.43	70	102963	13.617 ng	#	1
25) Isophorone	7.43	82	781428	36.226 ng	#	82
49) Dimethylphthalate	9.61	163	105048	5.200 ng	#	64
56) 2,4-Dinitrotoluene	9.90	165	31694	5.911 ng	#	98
64) 4,6-Dinitro-2-methylphenol	10.70	198	269	5.051 ng	#	24
66) 4-Bromophenyl-phenylether	10.70	248	11701	2.989 ng	#	1

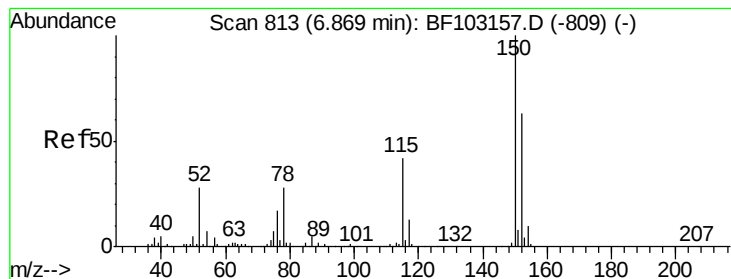
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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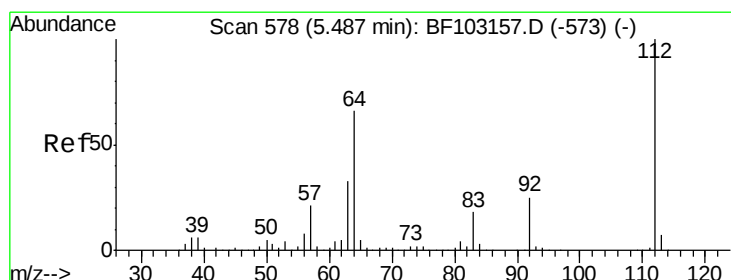
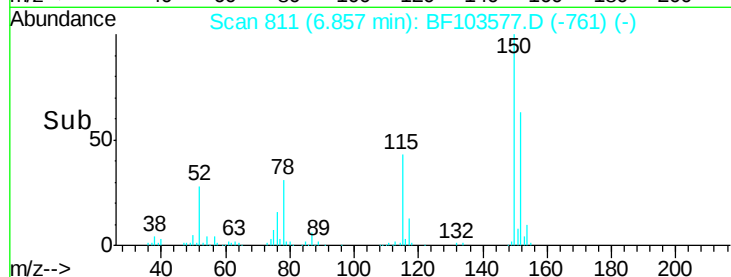
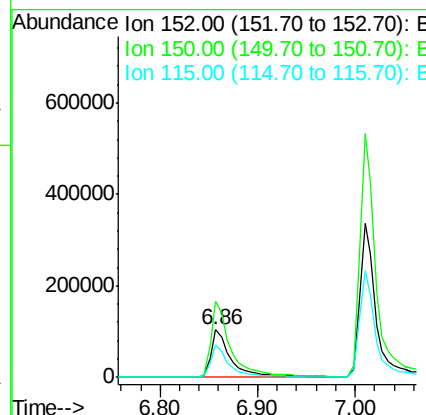
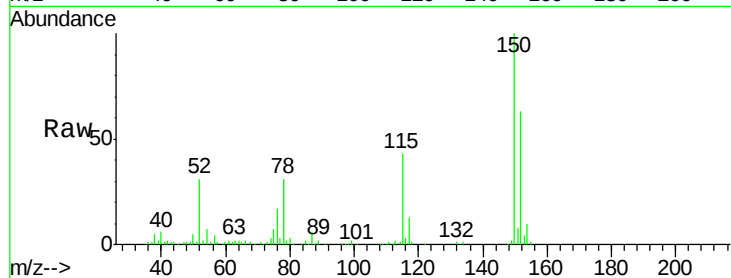


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103577.D
Acq: 12 Mar 2018 13:06

Instrument :
BNA_F
ClientSampleId :
TP-8-COMP

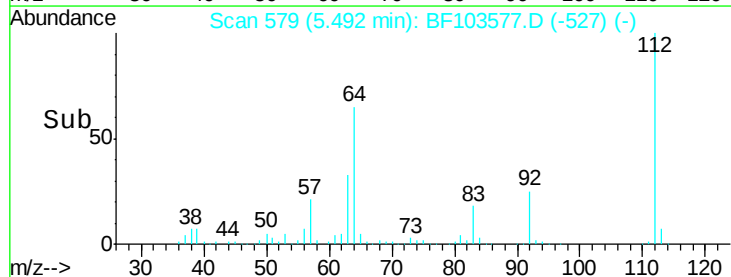
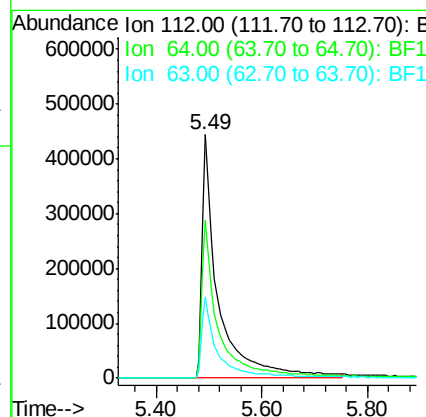
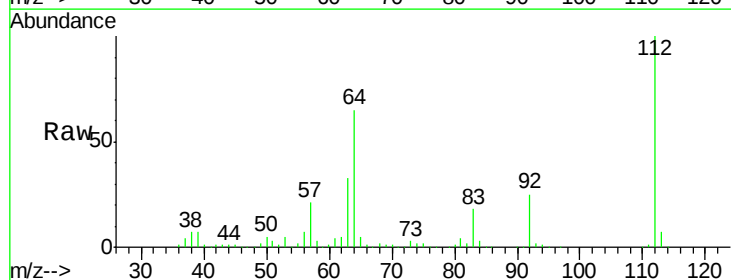
Tgt Ion:152 Resp: 150167
Ion Ratio Lower Upper
152 100
150 159.9 124.6 186.8
115 68.8 50.1 75.1

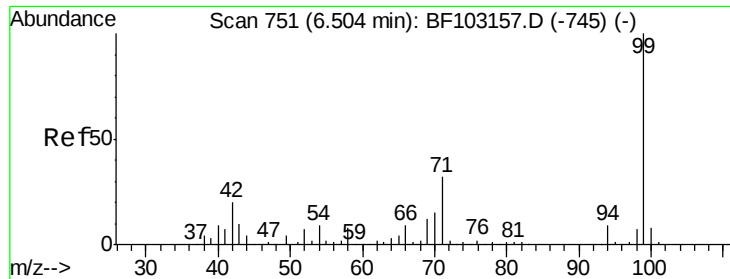


#5

2-Fluorophenol
Concen: 97.632 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF103577.D
Acq: 12 Mar 2018 13:06

Tgt Ion:112 Resp: 969372
Ion Ratio Lower Upper
112 100
64 65.1 47.9 71.9
63 33.2 23.7 35.5





#7

Phenol-d6

Concen: 103.599 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF103577.D

Acq: 12 Mar 2018 13:06

Instrument :

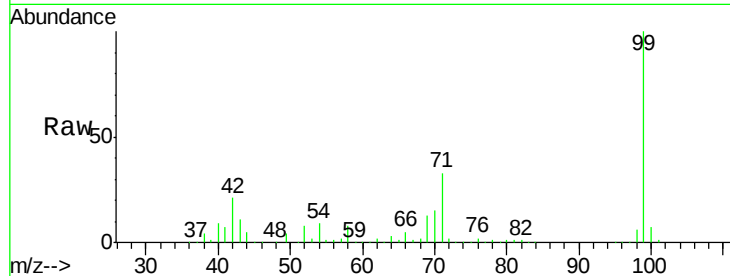
BNA_F

ClientSampleId :

TP-8-COMP

Tgt Ion: 99 Resp: 1258667

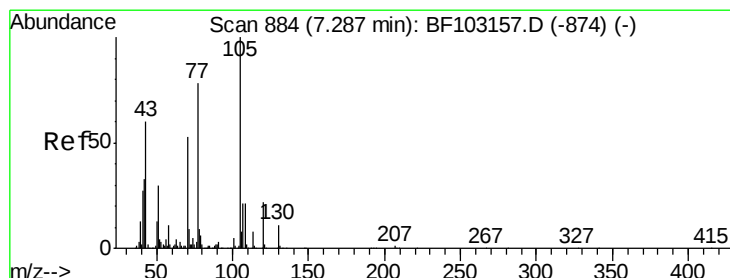
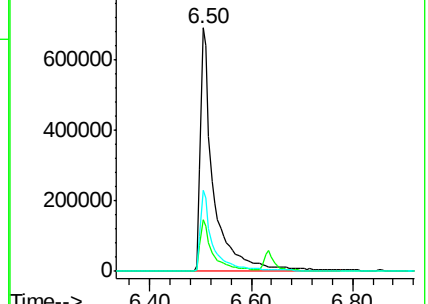
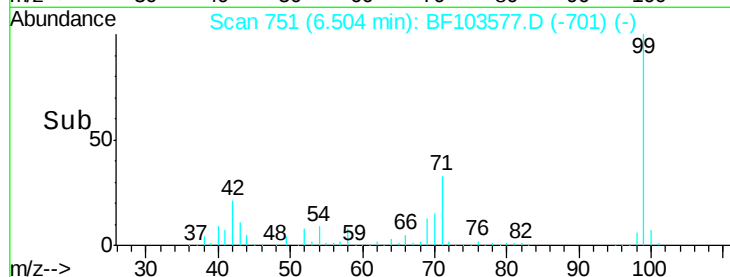
Ion	Ratio	Lower	Upper
99	100		
42	21.1	14.5	21.7
71	33.3	25.4	38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 13.617 ng

RT: 7.43 min Scan# 908

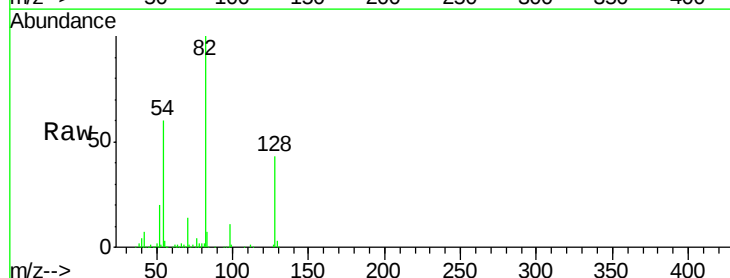
Delta R.T. 0.15 min

Lab File: BF103577.D

Acq: 12 Mar 2018 13:06

Tgt Ion: 70 Resp: 102963

Ion	Ratio	Lower	Upper
70	100		
42	52.7	47.5	71.3
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#

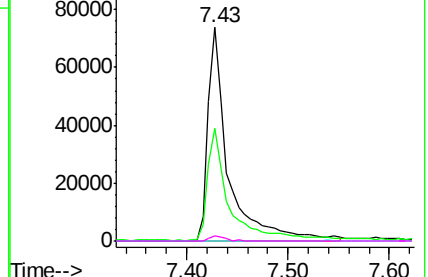
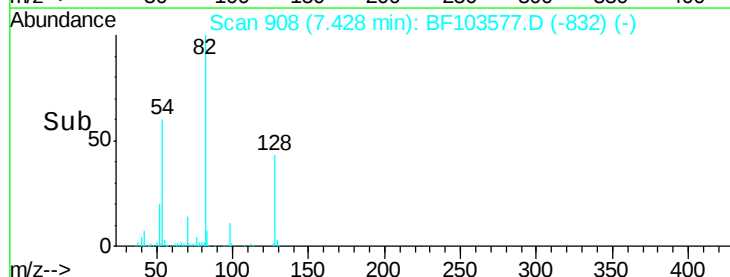


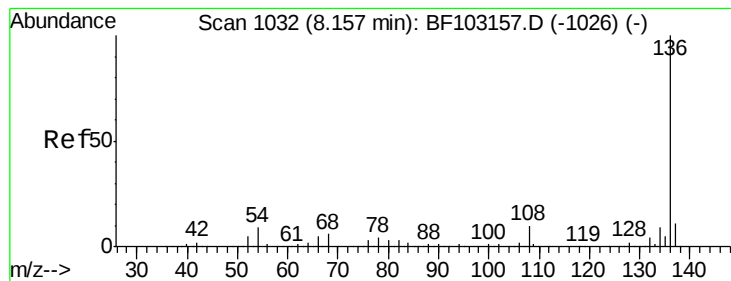
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF103577.D

Acq: 12 Mar 2018 13:06

Instrument :

BNA_F

ClientSampleId :

TP-8-COMP

Tgt Ion: 136 Resp: 625477

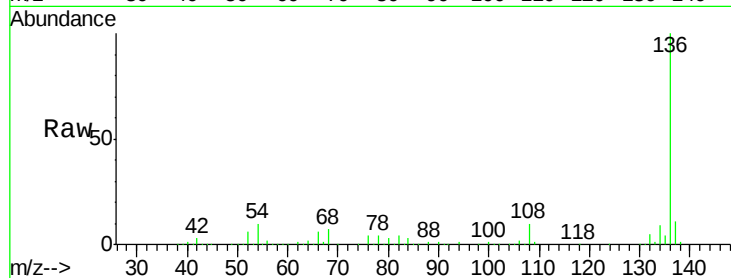
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.7 6.6 9.8

68 6.7 5.0 7.4

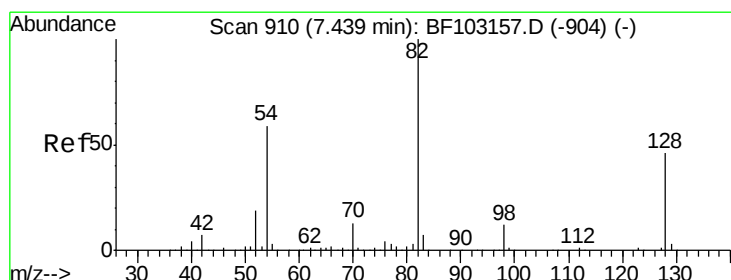
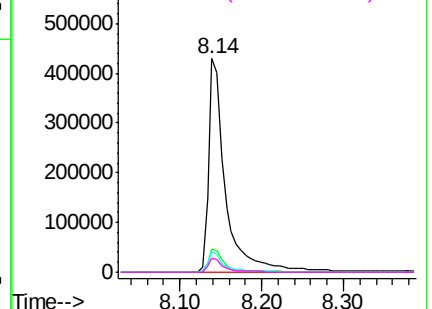
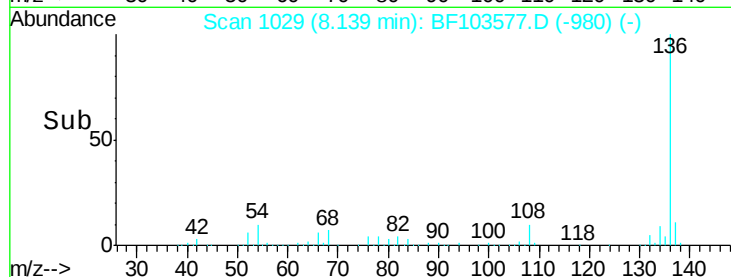


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 71.347 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF103577.D

Acq: 12 Mar 2018 13:06

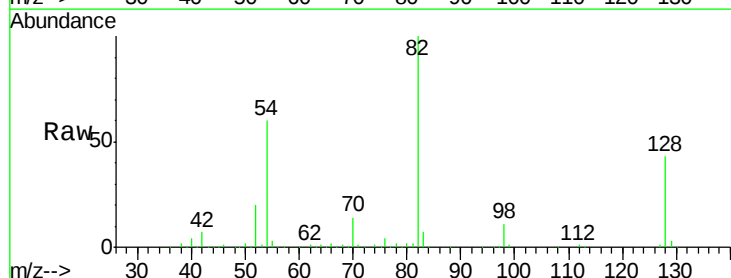
Tgt Ion: 82 Resp: 781428

Ion Ratio Lower Upper

82 100

128 43.1 36.1 54.1

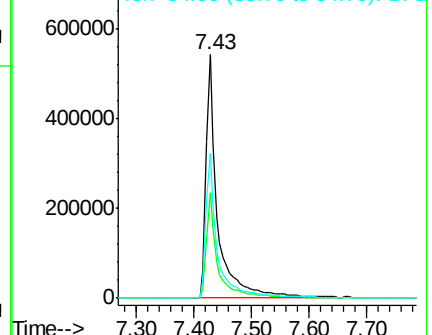
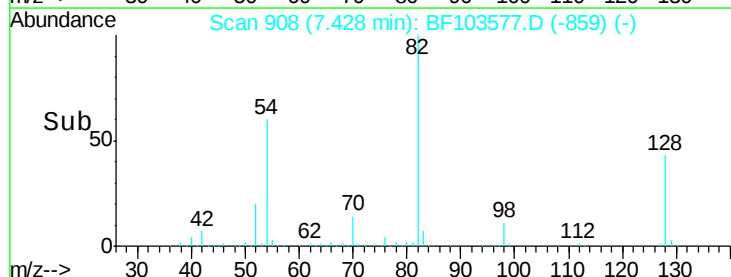
54 59.7 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

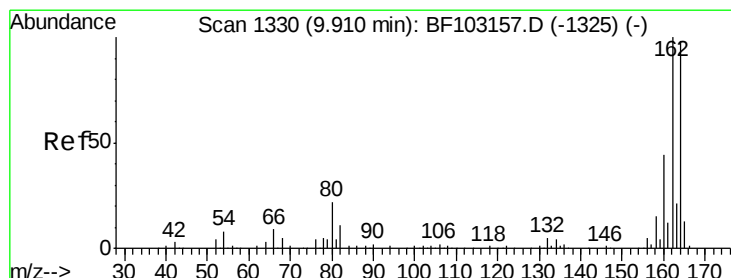
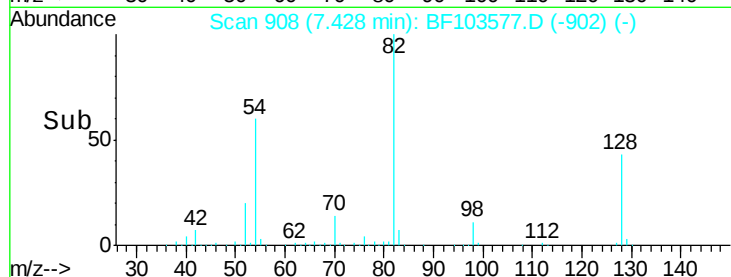
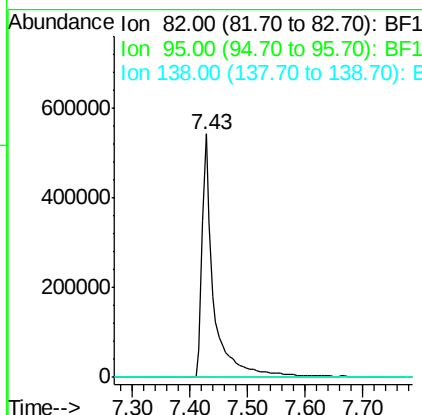
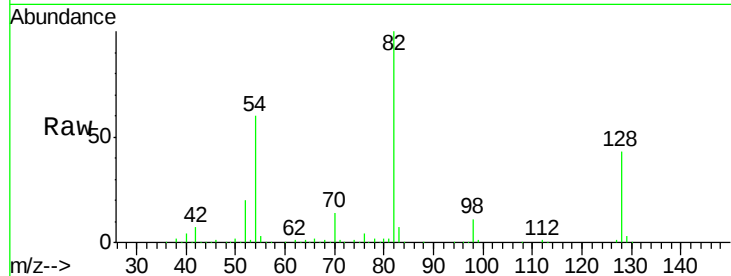




#25
Isophorone
Concen: 36.226 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.26 min
Lab File: BF103577.D
Acq: 12 Mar 2018 13:06

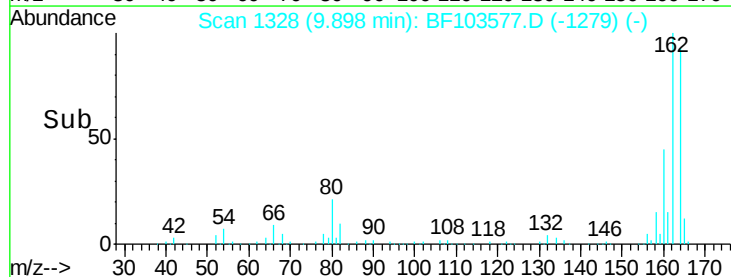
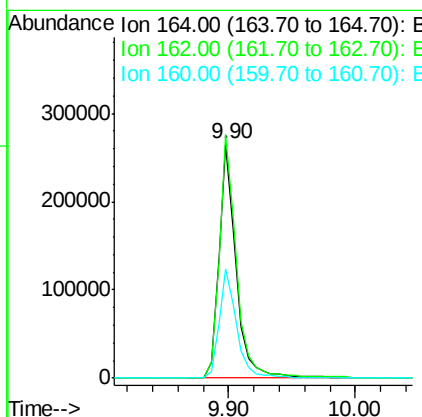
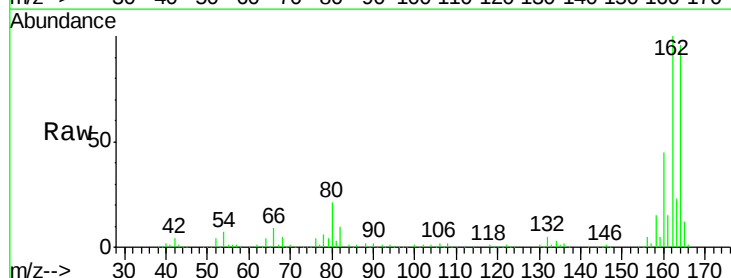
Instrument :
BNA_F
ClientSampleId :
TP-8-COMP

Tgt Ion: 82 Resp: 781428
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF103577.D
Acq: 12 Mar 2018 13:06

Tgt Ion: 164 Resp: 251813
Ion Ratio Lower Upper
164 100
162 104.1 86.1 129.1
160 46.9 38.3 57.5

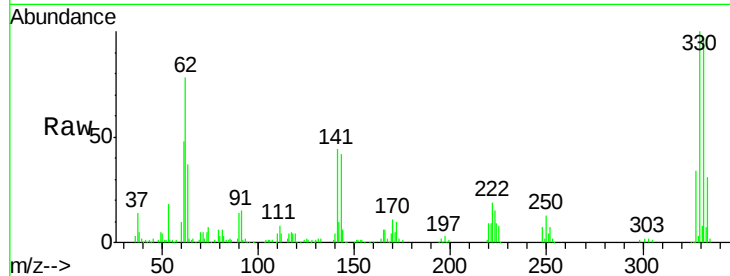




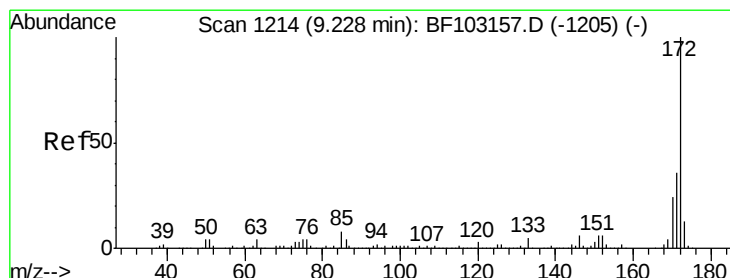
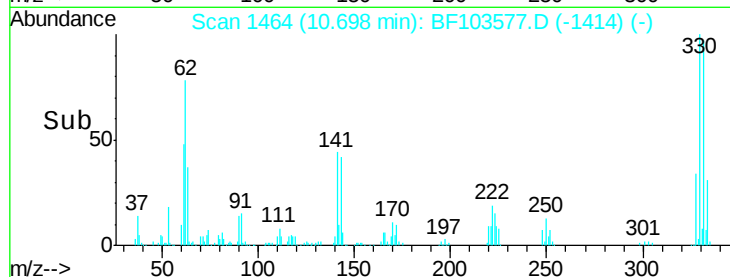
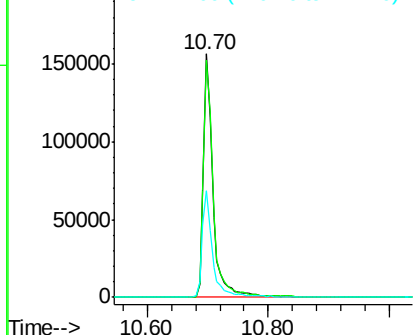
#41
 2,4,6-Tribromophenol
 Concen: 81.560 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF103577.D
 Acq: 12 Mar 2018 13:06

Instrument :
 BNA_F
 ClientSampleId :
 TP-8-COMP

Tgt Ion:330 Resp: 173841
 Ion Ratio Lower Upper
 330 100
 332 100.7 77.0 115.6
 141 46.9 29.9 44.9#

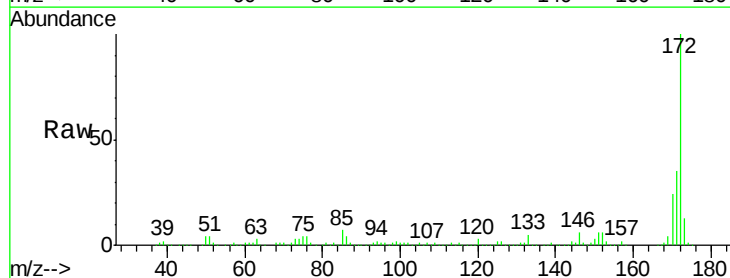


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

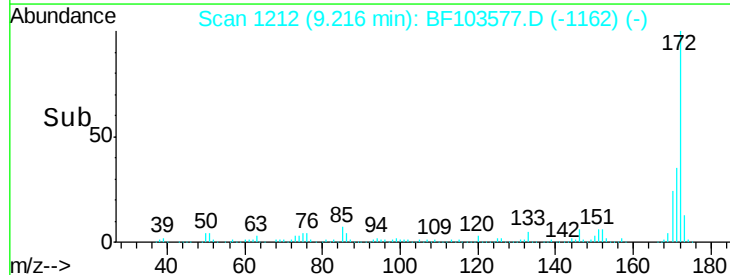
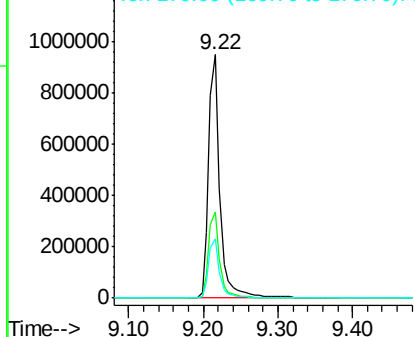


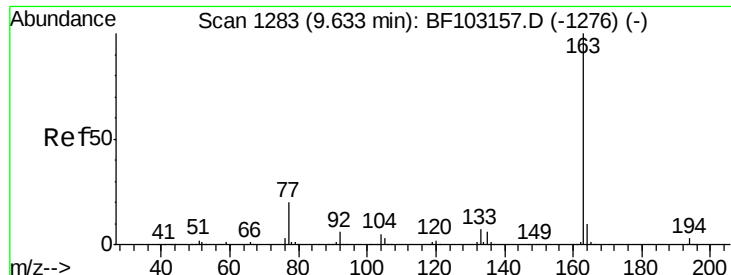
#44
 2-Fluorobiphenyl
 Concen: 65.850 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF103577.D
 Acq: 12 Mar 2018 13:06

Tgt Ion:172 Resp: 1016506
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.7 44.5
 170 24.1 19.6 29.4



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

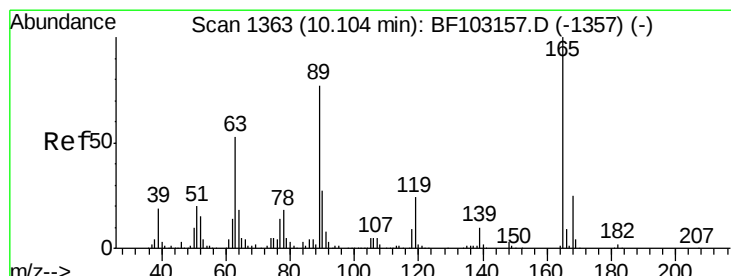
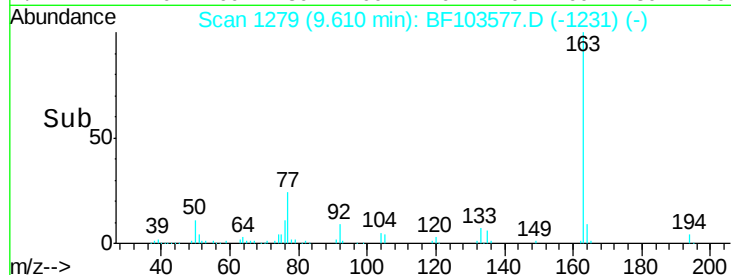
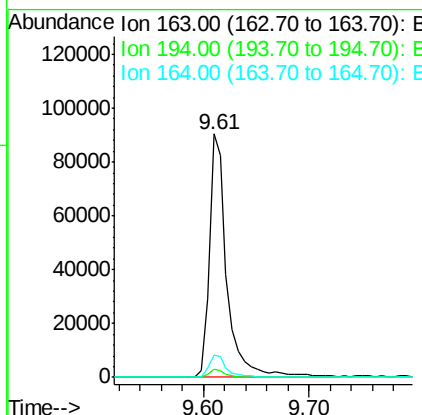
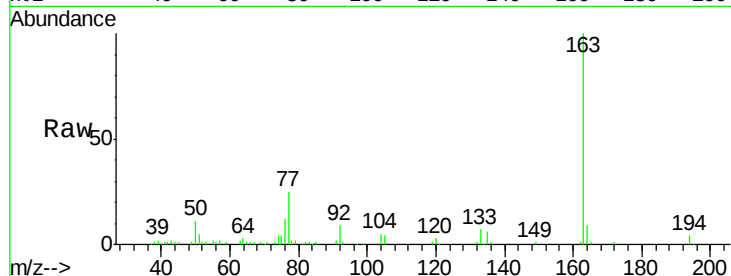




#49
 Dimethylphthalate
 Concen: 5.200 ng
 RT: 9.61 min Scan# 1279
 Delta R.T. -0.02 min
 Lab File: BF103577.D
 Acq: 12 Mar 2018 13:06

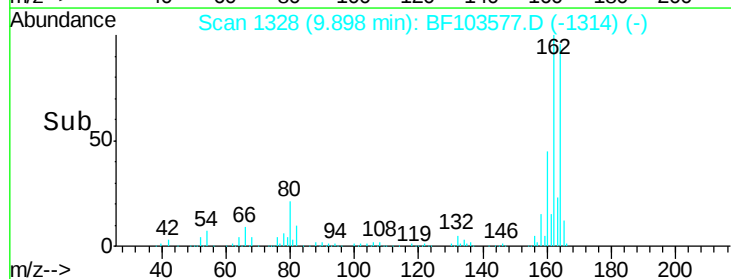
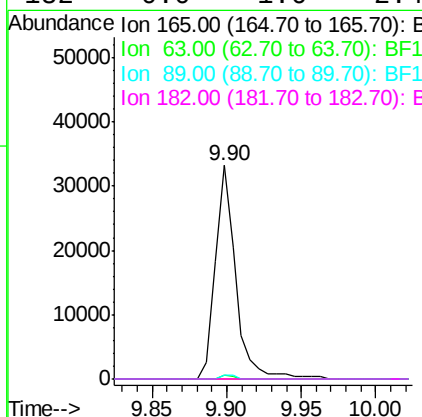
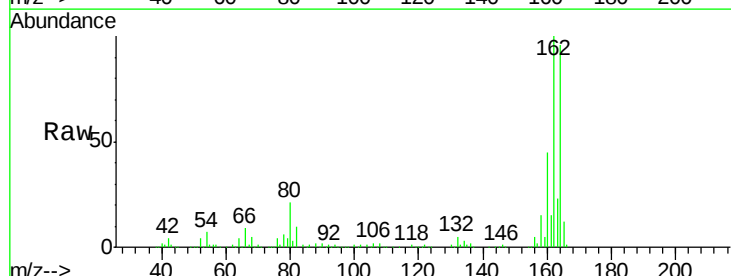
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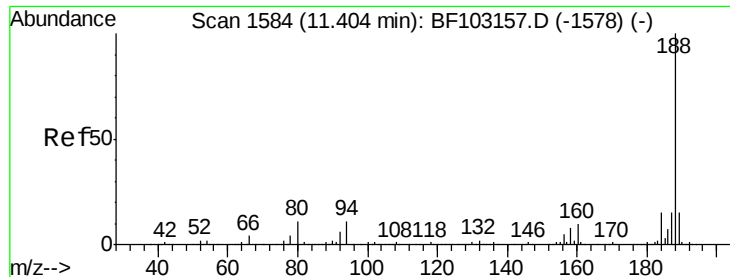
Tgt Ion:163 Resp: 105048
 Ion Ratio Lower Upper
 163 100
 194 3.6 2.7 4.1
 164 9.2 8.2 12.2



#56
 2,4-Dinitrotoluene
 Concen: 5.911 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.22 min
 Lab File: BF103577.D
 Acq: 12 Mar 2018 13:06

Tgt Ion:165 Resp: 31694
 Ion Ratio Lower Upper
 165 100
 63 1.7 36.4 54.6#
 89 1.6 57.8 86.6#
 182 0.0 1.6 2.4#

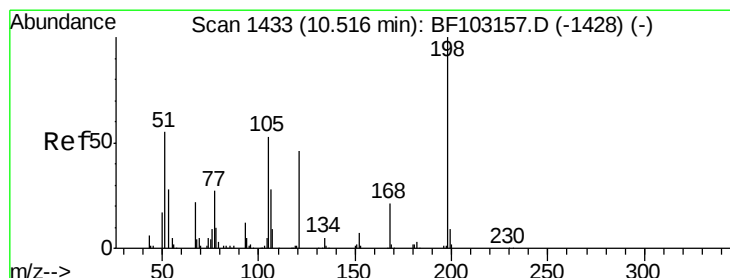
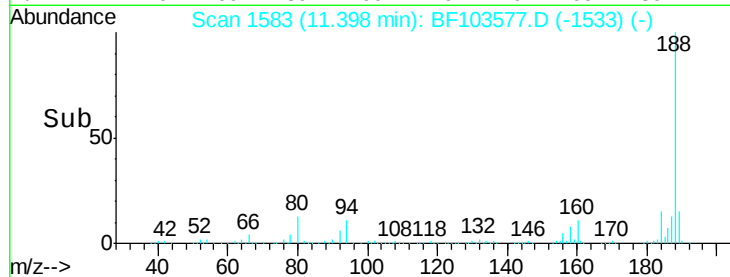
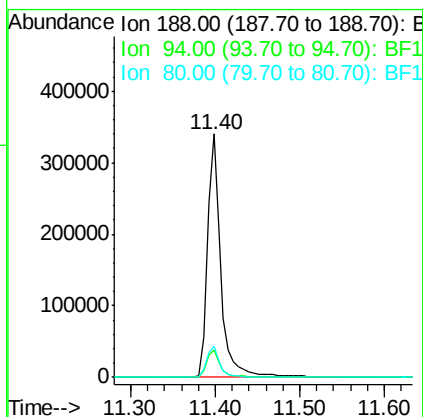
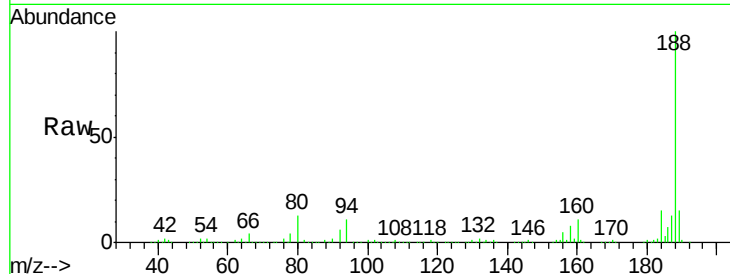




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF103577.D
 Acq: 12 Mar 2018 13:06

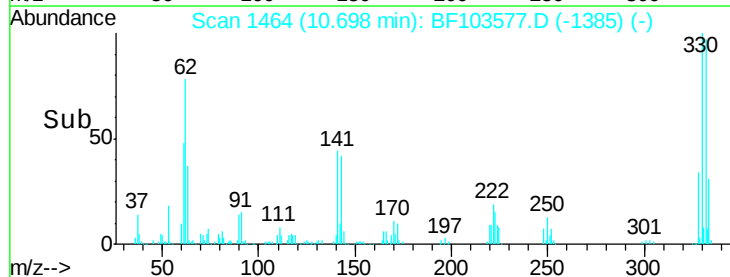
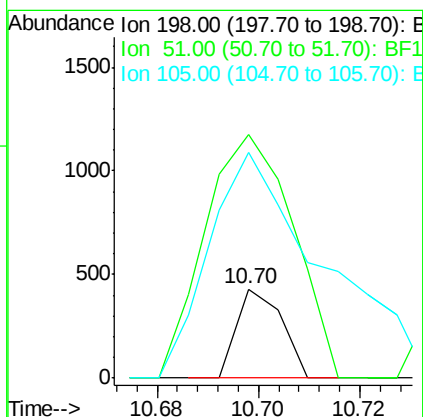
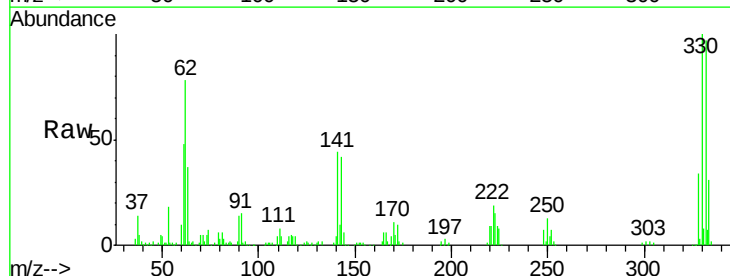
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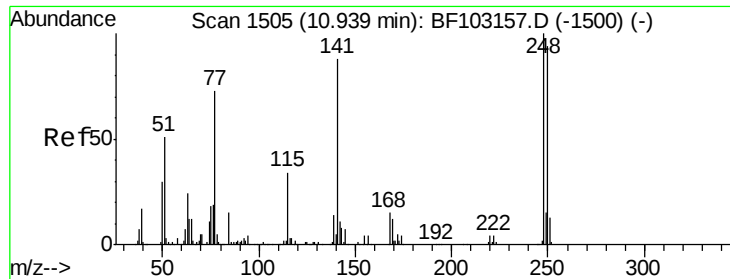
Tgt Ion:188 Resp: 375789
 Ion Ratio Lower Upper
 188 100
 94 11.0 8.5 12.7
 80 12.6 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.051 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.16 min
 Lab File: BF103577.D
 Acq: 12 Mar 2018 13:06

Tgt Ion:198 Resp: 269
 Ion Ratio Lower Upper
 198 100
 51 272.6 37.7 77.7#
 105 252.9 36.3 76.3#

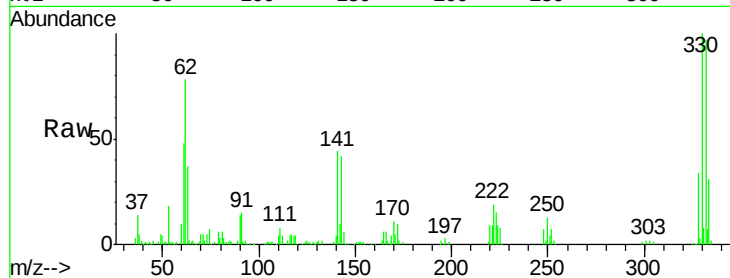




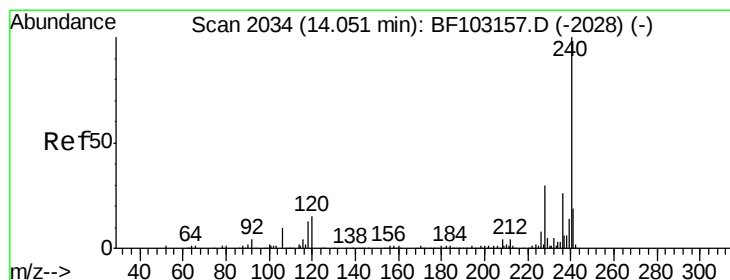
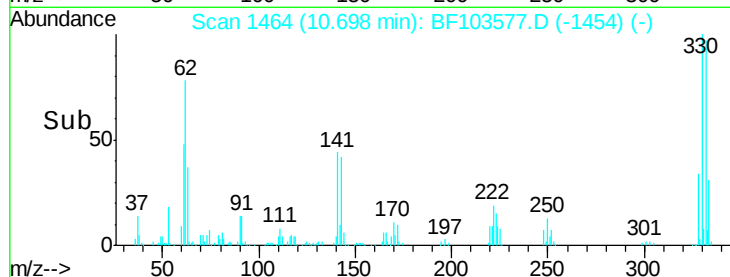
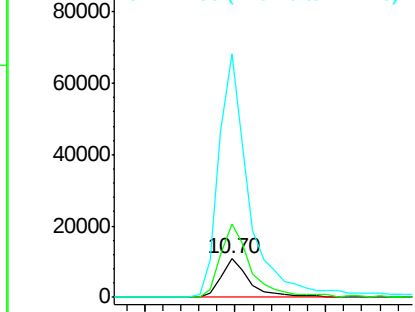
#66
4-Bromophenyl-phenylether
Concen: 2.989 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.24 min
Lab File: BF103577.D
Acq: 12 Mar 2018 13:06

Instrument :
BNA_F
ClientSampleId :
TP-8-COMP

Tgt Ion:248 Resp: 11701
Ion Ratio Lower Upper
248 100
250 191.2 76.9 115.3#
141 634.2 74.4 111.6#

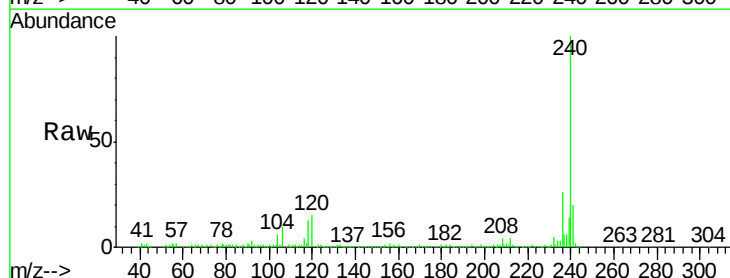


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

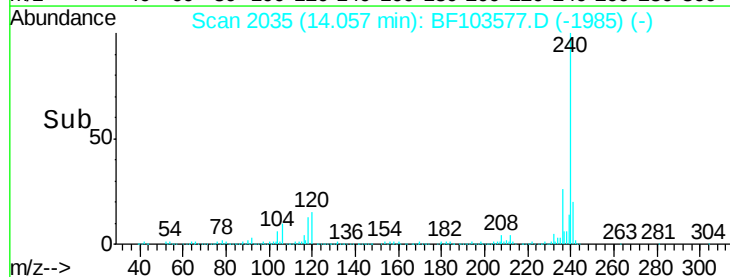
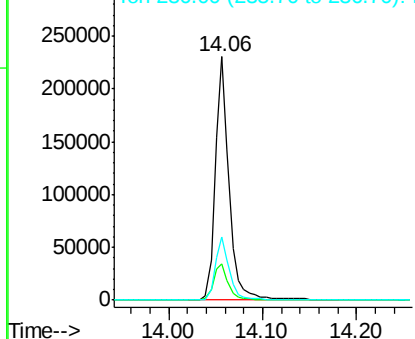


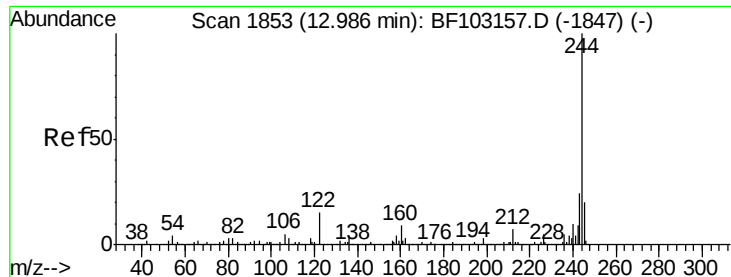
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF103577.D
Acq: 12 Mar 2018 13:06

Tgt Ion:240 Resp: 239950
Ion Ratio Lower Upper
240 100
120 15.1 9.5 14.3#
236 26.0 20.7 31.1



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: 64.258 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF103577.D

Acq: 12 Mar 2018 13:06

Instrument :

BNA_F

ClientSampleId :

TP-8-COMP

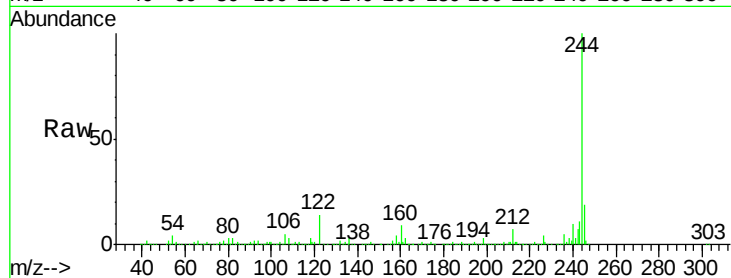
Tgt Ion:244 Resp: 641413

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

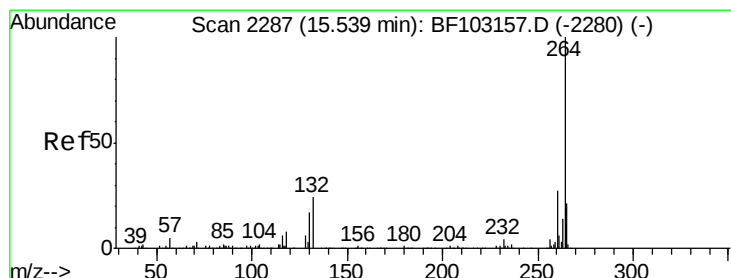
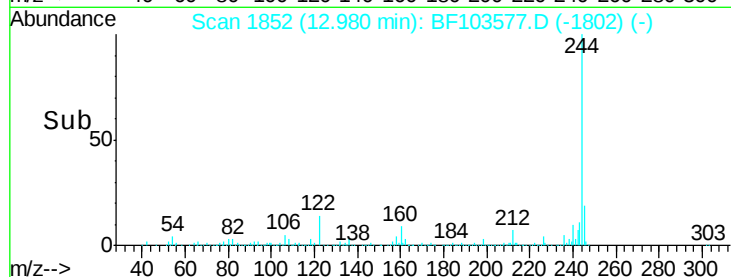
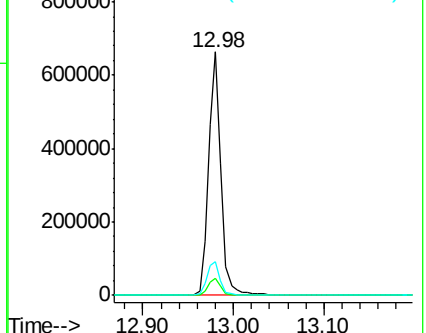
122 14.1 11.0 16.4



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: 15.57 min Scan# 2292

Delta R.T. 0.00 min

Lab File: BF103577.D

Acq: 12 Mar 2018 13:06

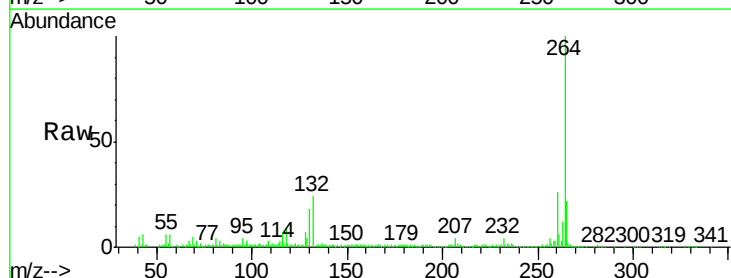
Tgt Ion:264 Resp: 206070

Ion Ratio Lower Upper

264 100

260 25.5 19.2 28.8

265 21.6 17.5 26.3



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

