

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030218\
 Data File : BF103396.D
 Acq On : 3 Mar 2018 6:57
 Operator : SJ/JU
 Sample : J1751-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-030118-B

Quant Time: Mar 05 00:09:52 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 02 13:28:09 2018
 Response via : Initial Calibration

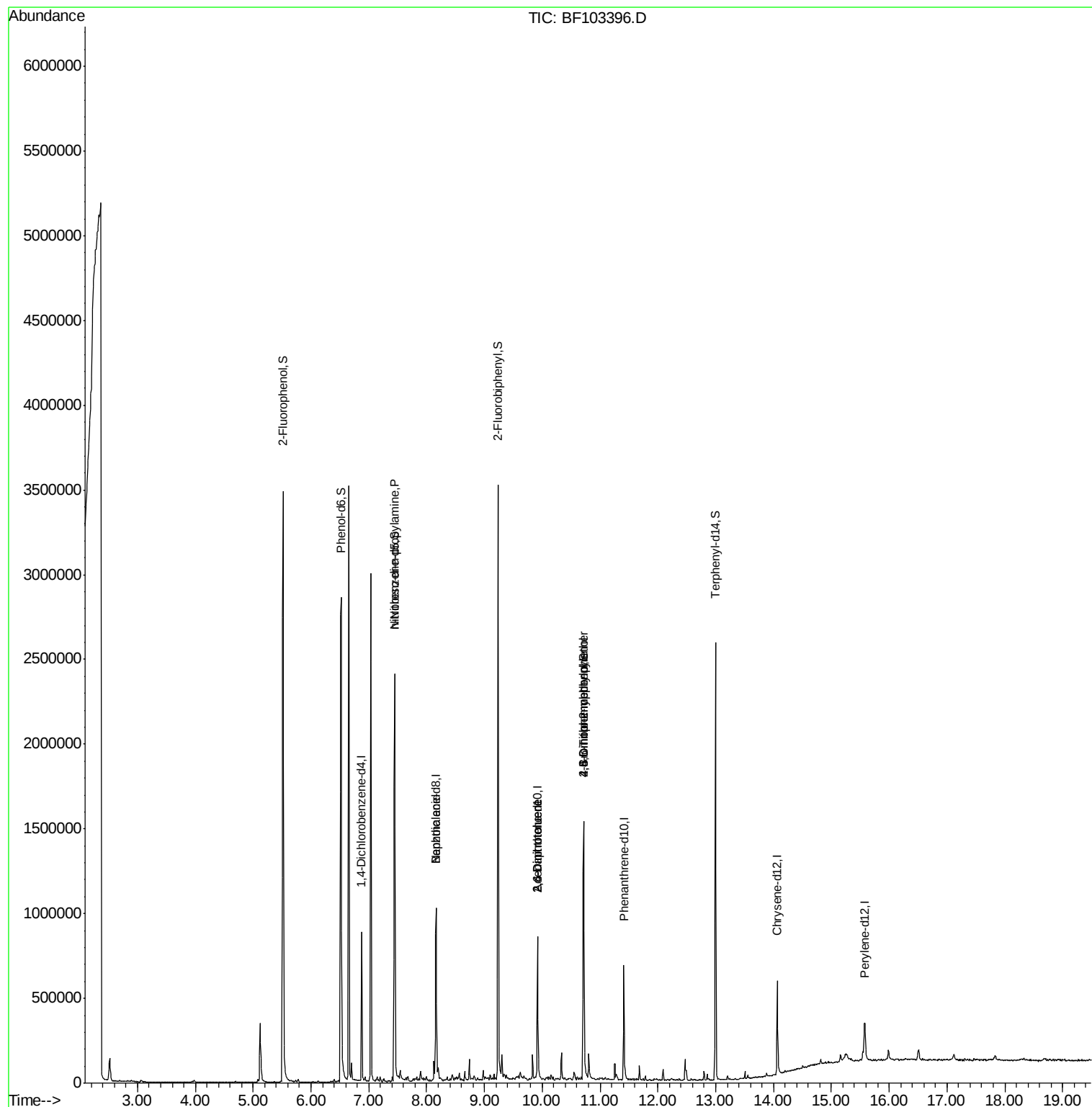
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	128751	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	517281	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	192600	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	281658	20.00	ng	0.00
75) Chrysene-d12	14.07	240	204791	20.00	ng	0.00
86) Perylene-d12	15.57	264	133311	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1055613	124.00	ng	0.02
7) Phenol-d6	6.52	99	1192402	114.47	ng	0.00
23) Nitrobenzene-d5	7.45	82	817976	90.31	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	179597	110.17	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1214757	119.68	ng	0.00
78) Terphenyl-d14	13.00	244	854312	100.28	ng	0.00
Target Compounds						
9) Benzaldehyde	6.52	77	1693	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.45	70	117226	18.082 ng	#	1
32) Benzoic acid	8.16	122	155	6.939 ng	#	1
50) 2,6-Dinitrotoluene	9.92	165	24796	7.647 ng	#	26
56) 2,4-Dinitrotoluene	9.92	165	24796	6.047 ng	#	24
64) 4,6-Dinitro-2-methylphenol	10.72	198	324	5.115 ng	#	1
66) 4-Bromophenyl-phenylether	10.72	248	12242	4.172 ng	#	1

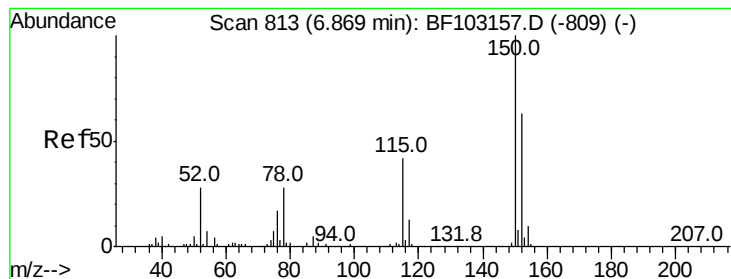
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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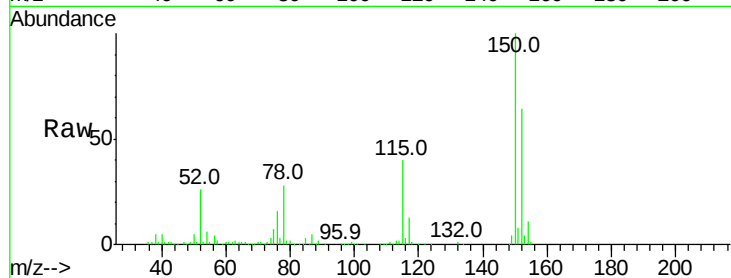


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.01 min
Lab File: BF103396.D
Acq: 3 Mar 2018 6:57

Instrument :
BNA_F
ClientSampleId :
JC-02-030118-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.6	186.8
115	62.0	50.1	75.1

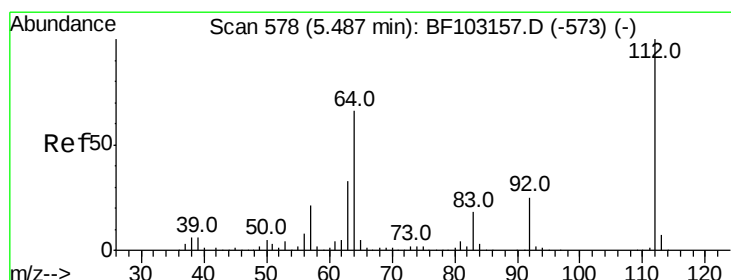
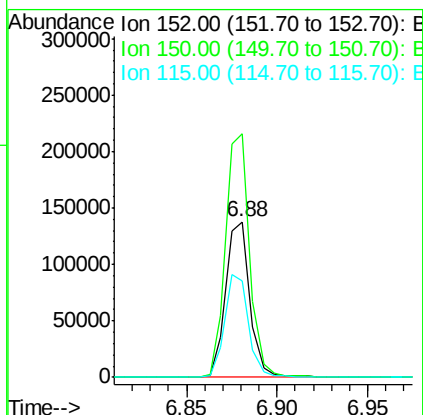
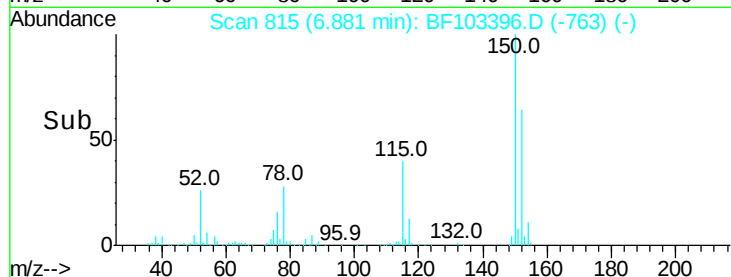


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

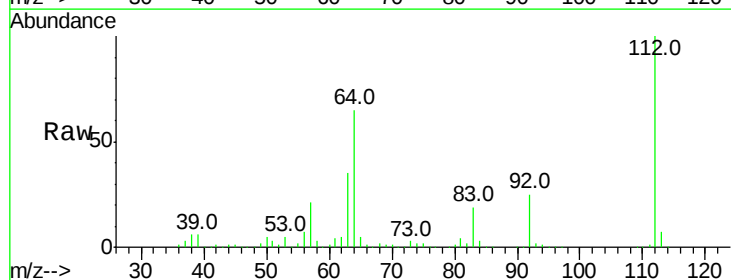
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 124.002 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.02 min
Lab File: BF103396.D
Acq: 3 Mar 2018 6:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.2	47.9	71.9
63	34.5	23.7	35.5

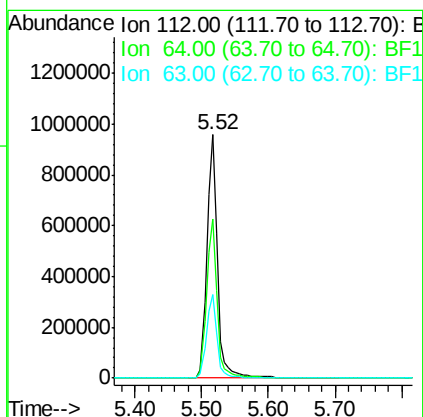
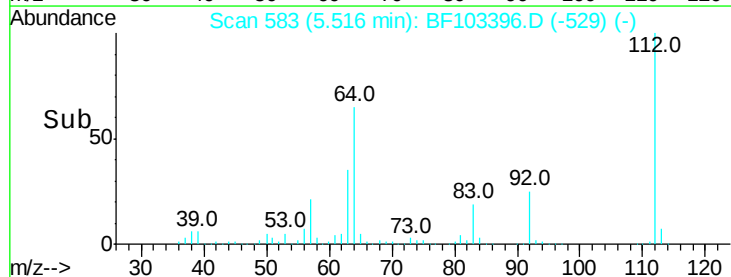


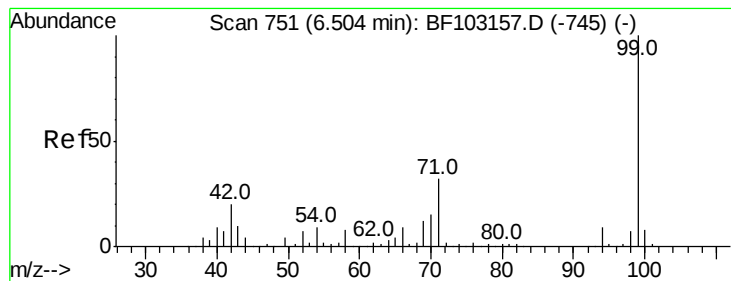
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 114.470 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF103396.D

Acq: 3 Mar 2018 6:57

Instrument :

BNA_F

ClientSampleId :

JC-02-030118-B

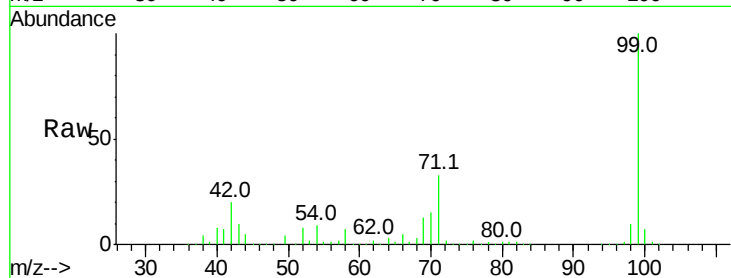
Tot Ion: 99 Resp: 1192402

Ion Ratio Lower Upper

99 100

42 19.9 14.5 21.7

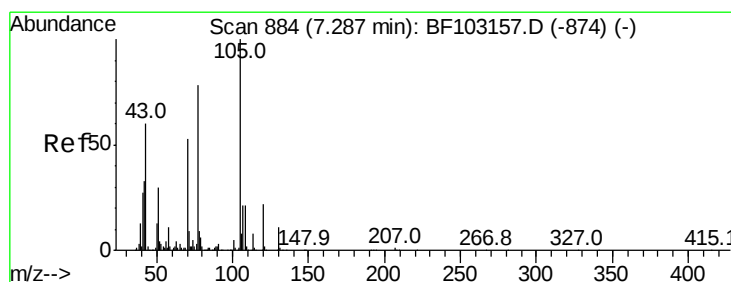
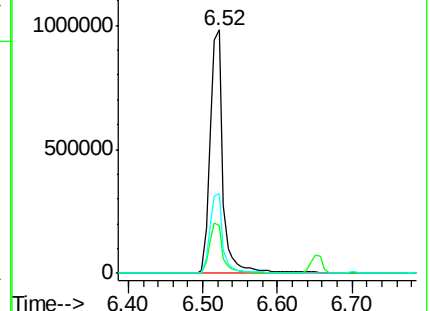
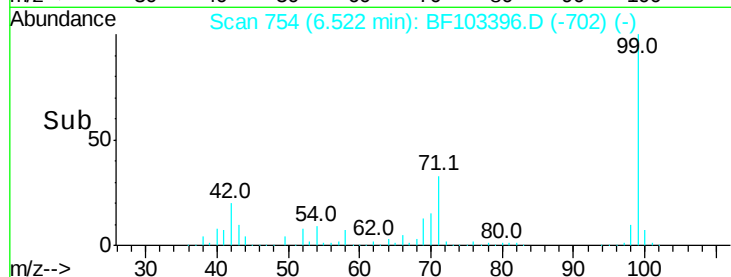
71 32.7 25.4 38.0



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: 18.082 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.15 min

Lab File: BF103396.D

Acq: 3 Mar 2018 6:57

Tgt Ion: 70 Resp: 117226

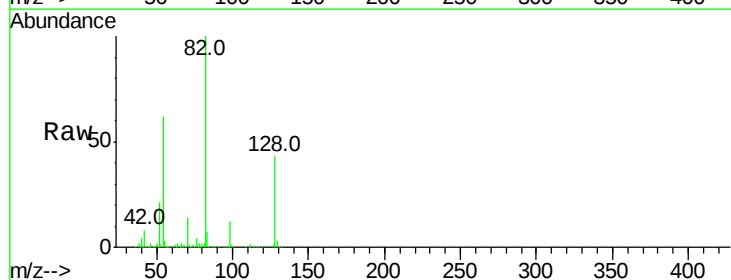
Ion Ratio Lower Upper

70 100

42 54.9 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

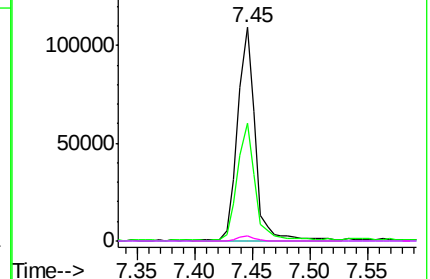
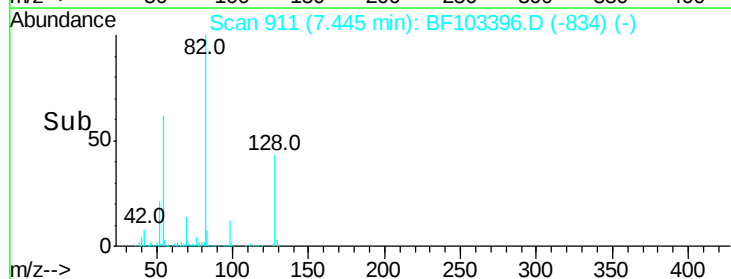


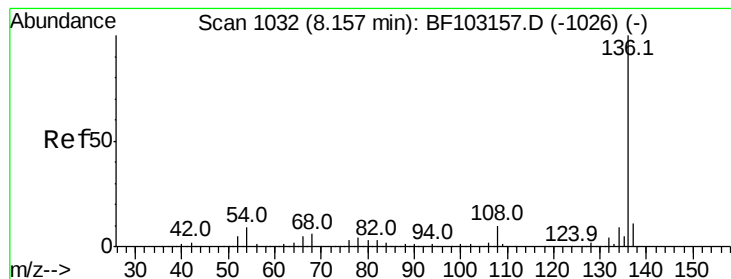
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF103396.D

Acq: 3 Mar 2018 6:57

Instrument :

BNA_F

ClientSampleId :

JC-02-030118-B

Tot Ion:136 Resp: 517281

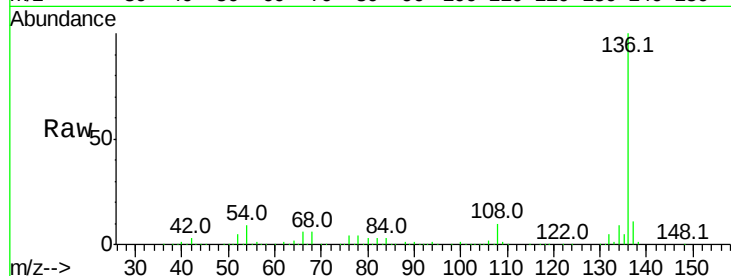
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.0 6.6 9.8

68 6.4 5.0 7.4

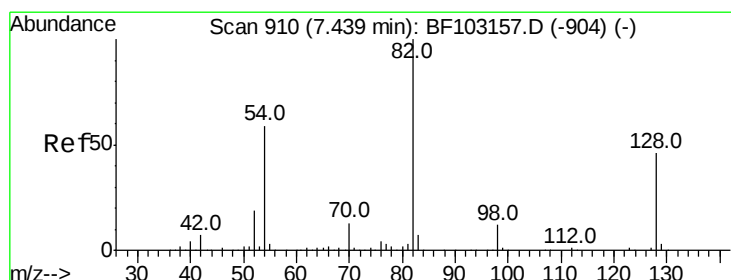
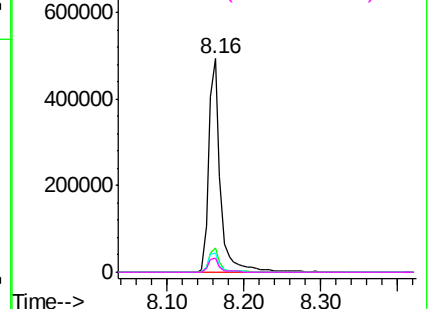
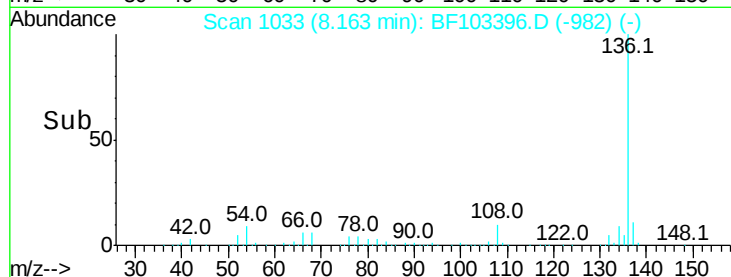


Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.306 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF103396.D

Acq: 3 Mar 2018 6:57

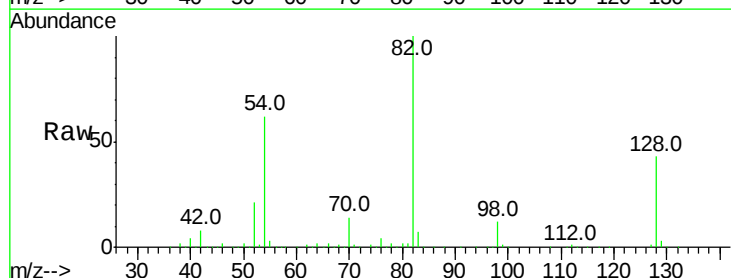
Tgt Ion: 82 Resp: 817976

Ion Ratio Lower Upper

82 100

128 42.9 36.1 54.1

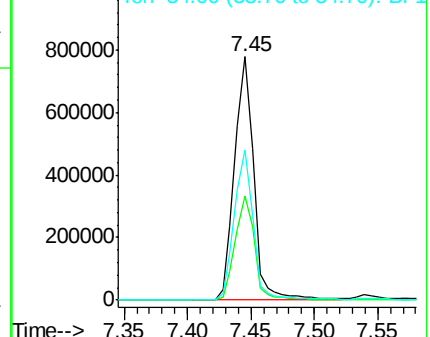
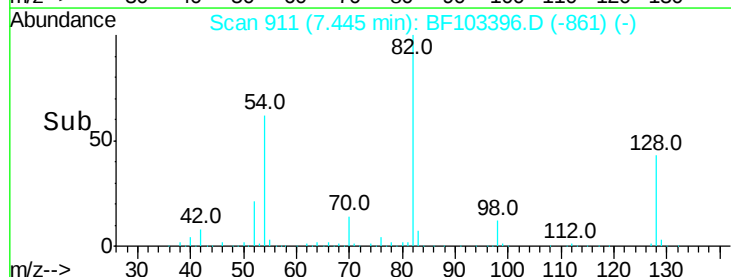
54 61.9 41.4 62.2

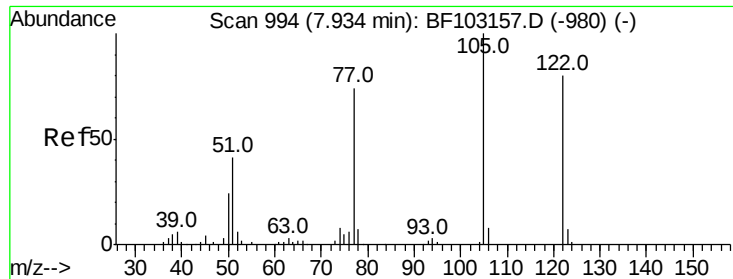


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

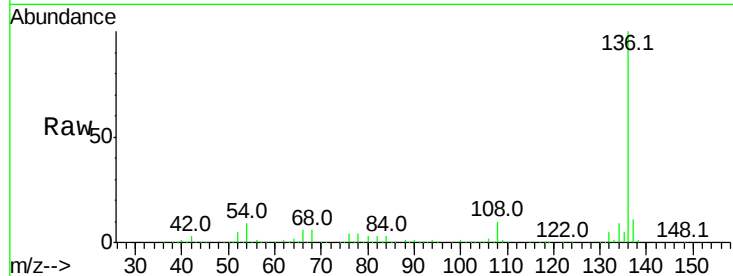




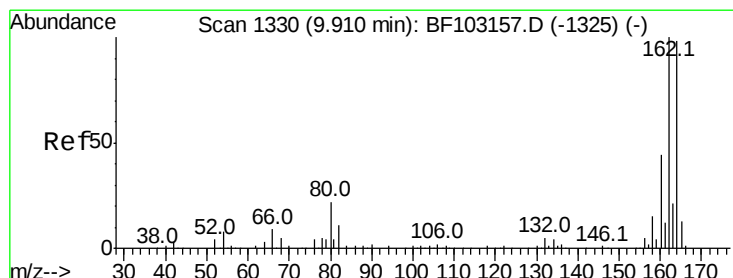
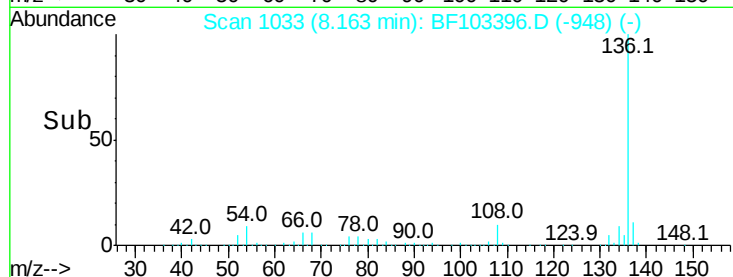
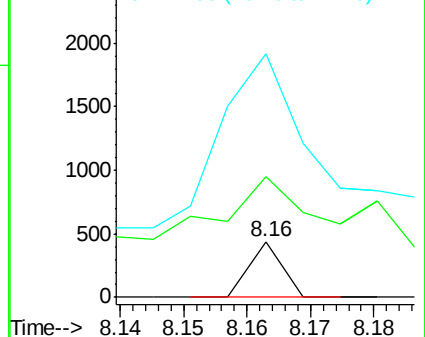
#32
Benzoic acid
Concen: 6.939 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.20 min
Lab File: BF103396.D
Acq: 3 Mar 2018 6:57

Instrument :
BNA_F
ClientSampleId :
JC-02-030118-B

Tot Ion:122 Resp: 155
Ion Ratio Lower Upper
122 100
105 215.9 101.1 141.1#
77 435.5 70.7 110.7#

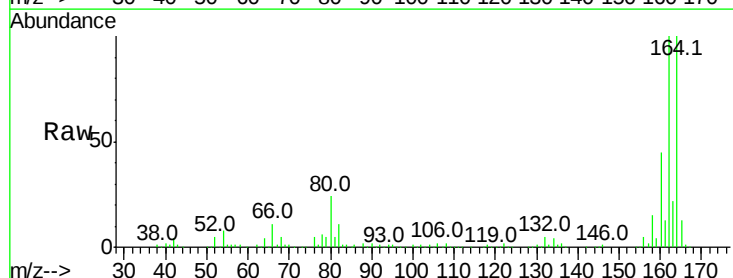


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

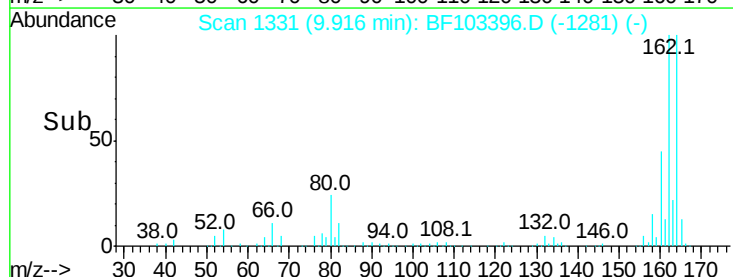
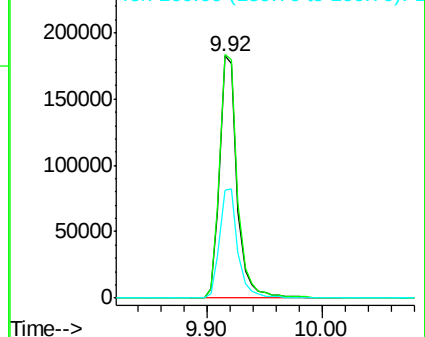


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103396.D
Acq: 3 Mar 2018 6:57

Tgt Ion:164 Resp: 192600
Ion Ratio Lower Upper
164 100
162 100.5 86.1 129.1
160 44.8 38.3 57.5



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

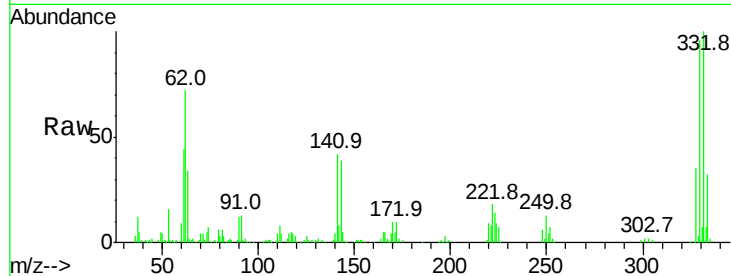




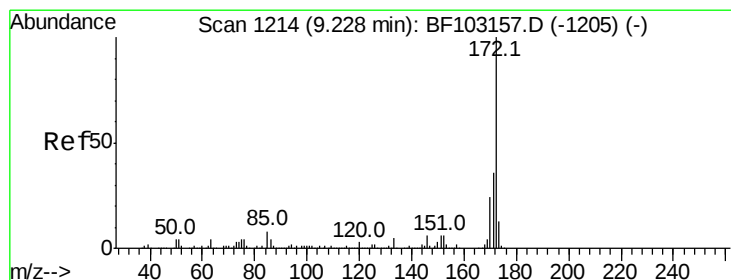
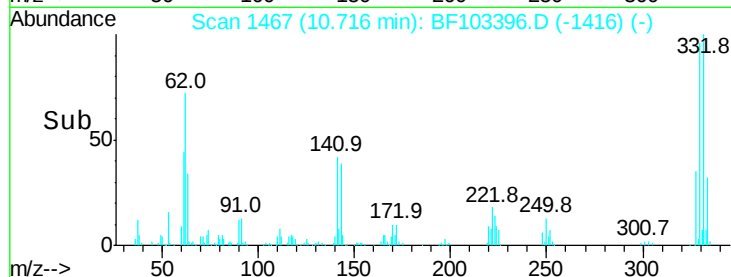
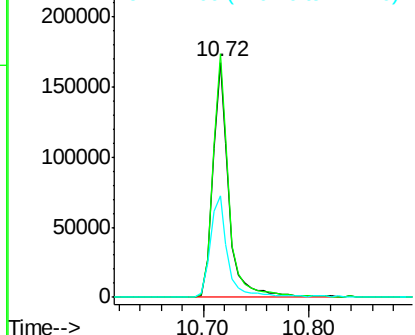
#41
 2,4,6-Tribromophenol
 Concen: 110.165 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: BF103396.D
 Acq: 3 Mar 2018 6:57

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-030118-B

Tot Ion:330 Resp: 179597
 Ion Ratio Lower Upper
 330 100
 332 102.8 77.0 115.6
 141 47.0 29.9 44.9#

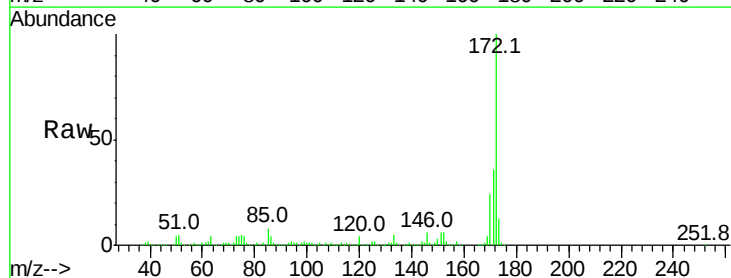


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

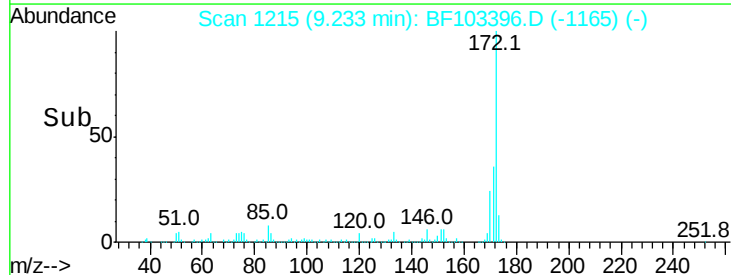
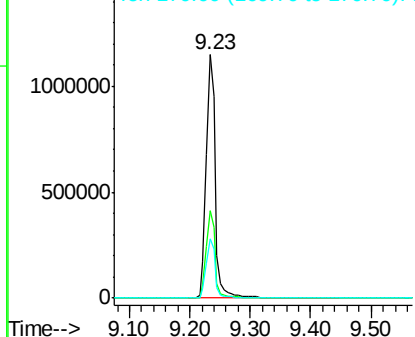


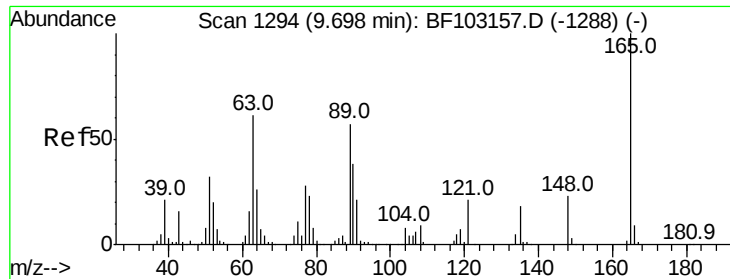
#44
 2-Fluorobiphenyl
 Concen: 119.676 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103396.D
 Acq: 3 Mar 2018 6:57

Tgt Ion:172 Resp: 1214757
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 24.2 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

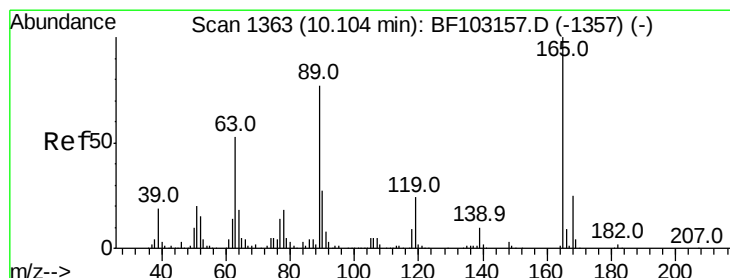
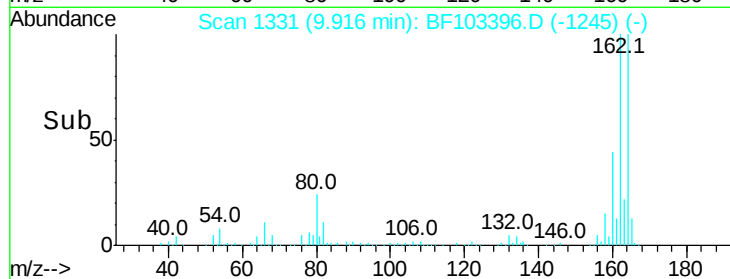
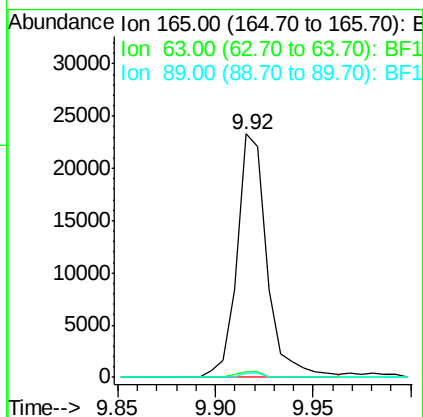
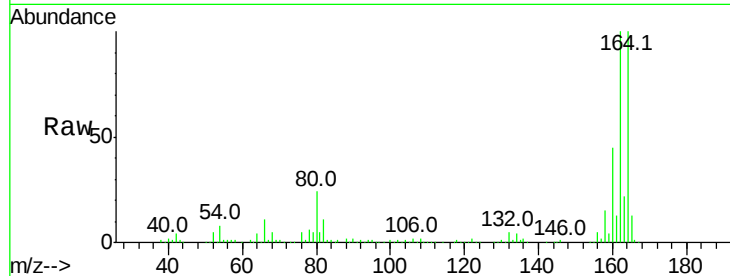




#50
 2,6-Dinitrotoluene
 Concen: 7.647 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.21 min
 Lab File: BF103396.D
 Acq: 3 Mar 2018 6:57

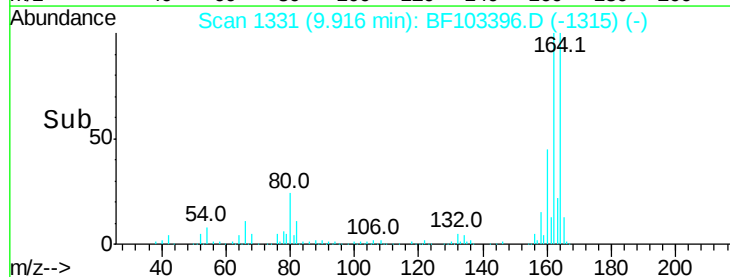
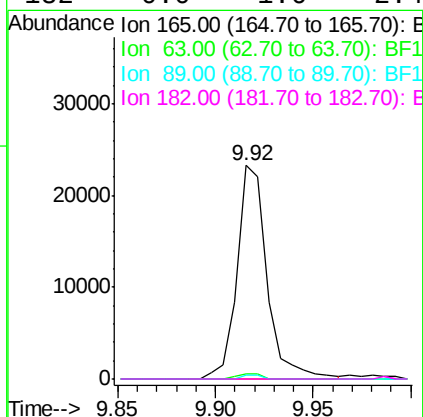
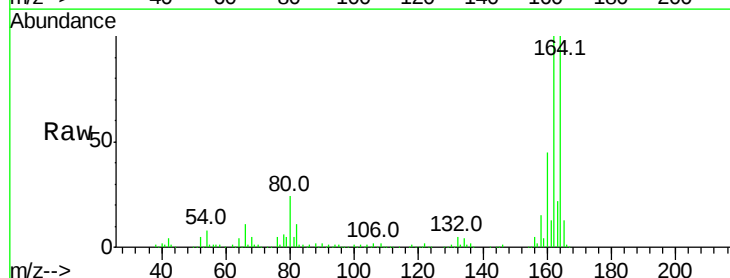
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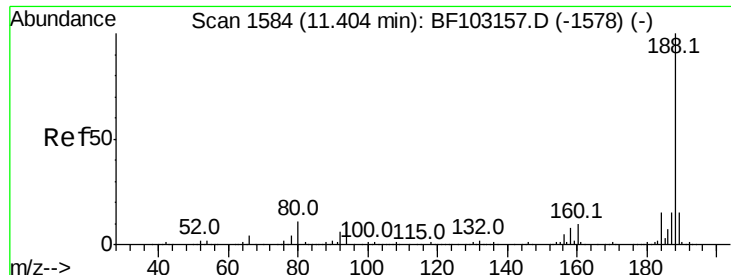
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.2	44.7	67.1#
89	1.7	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.047 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.21 min
 Lab File: BF103396.D
 Acq: 3 Mar 2018 6:57

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.2	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#

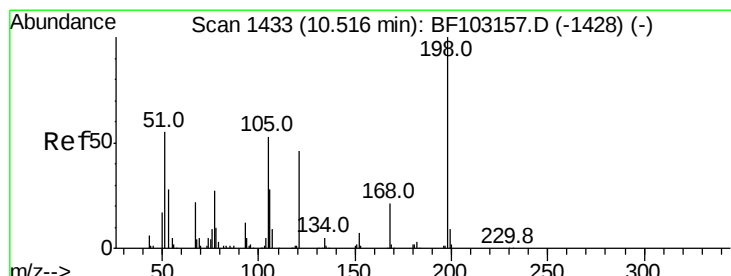
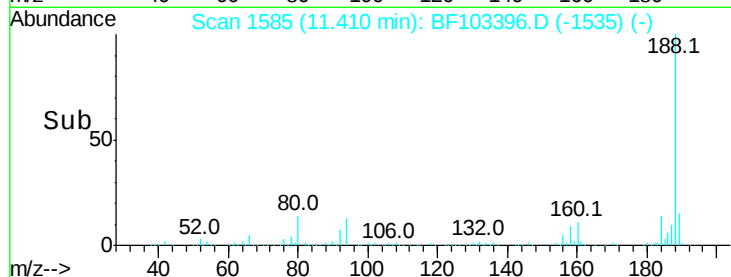
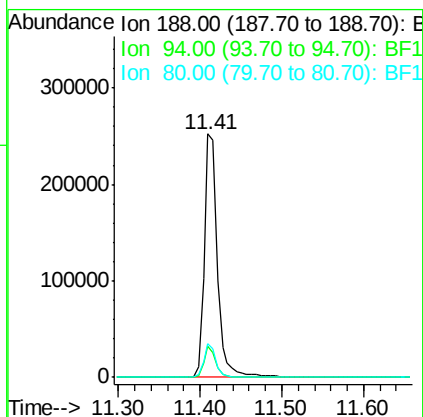
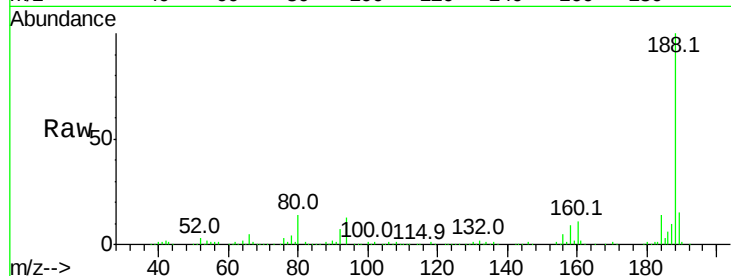




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF103396.D
 Acq: 3 Mar 2018 6:57

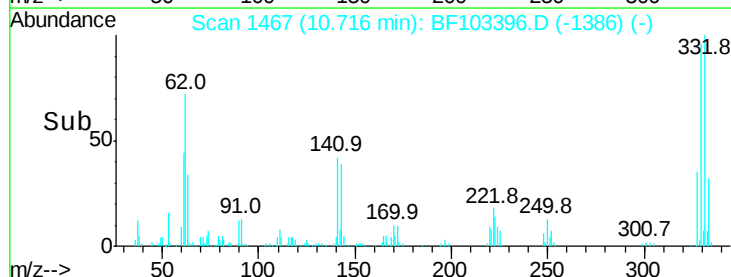
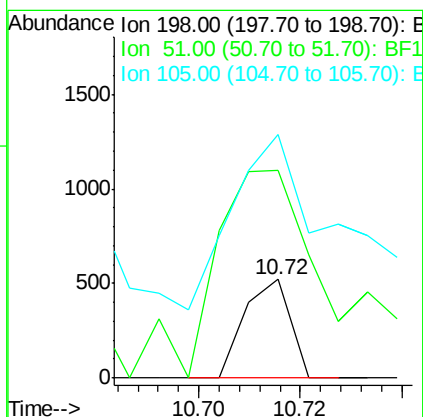
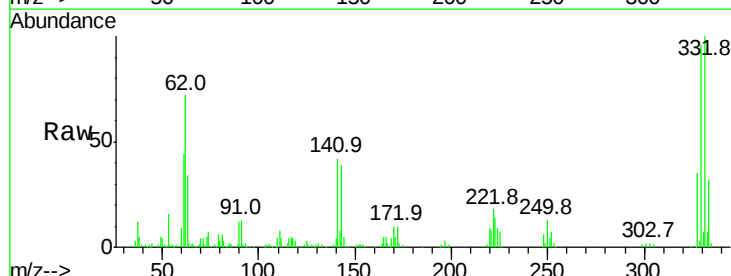
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-030118-B

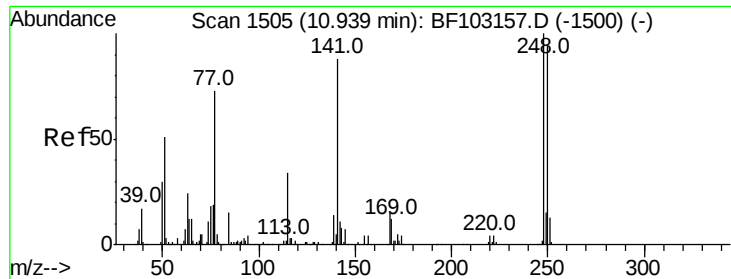
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 Ion Ratio Lower Upper
 188 100
 94 12.7 8.5 12.7
 80 13.8 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.115 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.18 min
 Lab File: BF103396.D
 Acq: 3 Mar 2018 6:57

Tgt Ion:198 Resp: 324
 Ion Ratio Lower Upper
 198 100
 51 210.9 37.7 77.7#
 105 247.0 36.3 76.3#

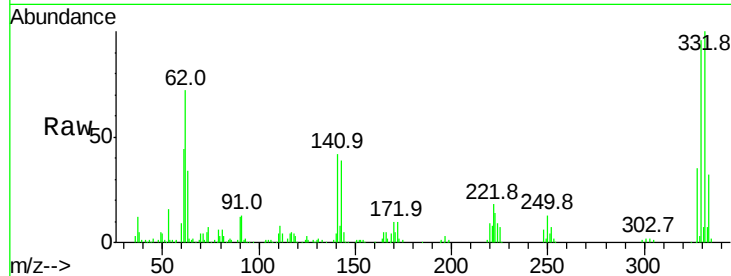




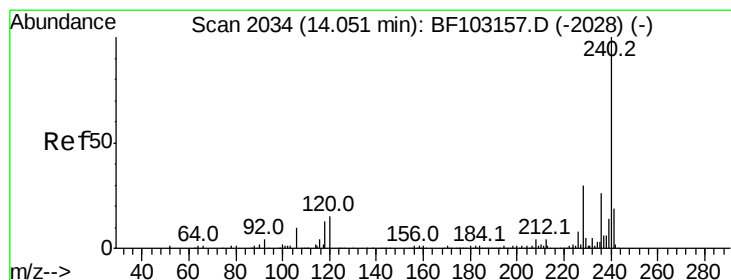
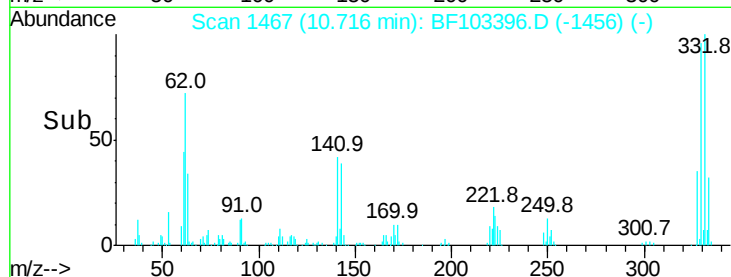
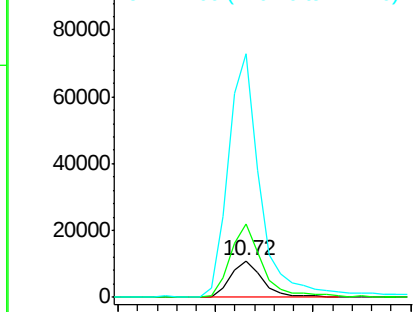
#66
4-Bromophenyl-phenylether
Concen: 4.172 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.24 min
Lab File: BF103396.D
Acq: 3 Mar 2018 6:57

Instrument :
BNA_F
ClientSampleId :
JC-02-030118-B

Tot Ion:248 Resp: 12242
Ion Ratio Lower Upper
248 100
250 202.1 76.9 115.3#
141 665.6 74.4 111.6#

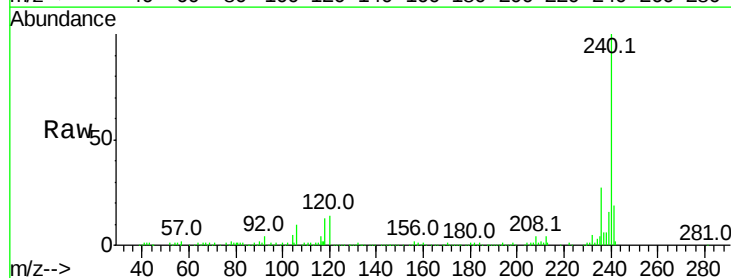


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

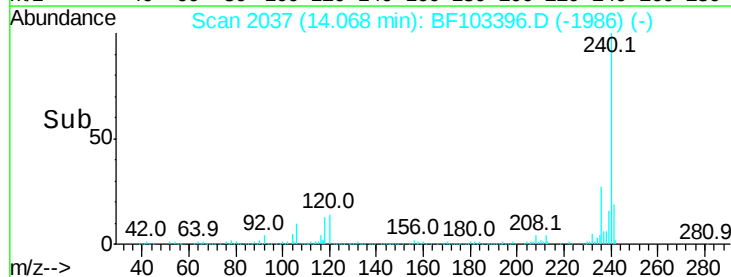
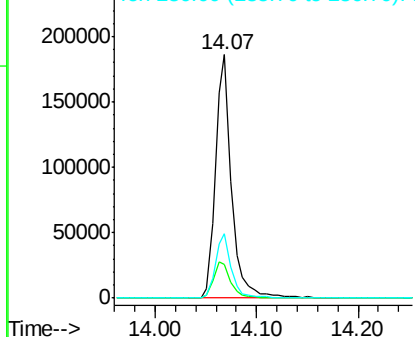


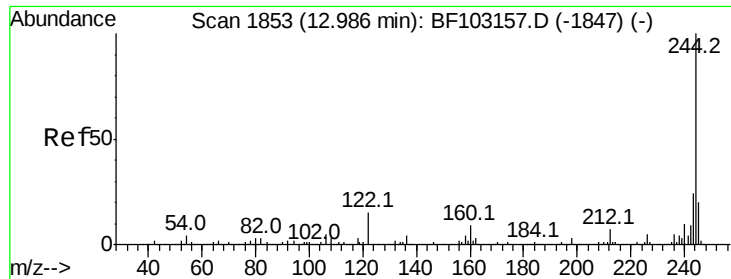
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.00 min
Lab File: BF103396.D
Acq: 3 Mar 2018 6:57

Tgt Ion:240 Resp: 204791
Ion Ratio Lower Upper
240 100
120 14.0 9.5 14.3
236 26.7 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: 100.280 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BF103396.D

Acq: 3 Mar 2018 6:57

Instrument :

BNA_F

ClientSampleId :

JC-02-030118-B

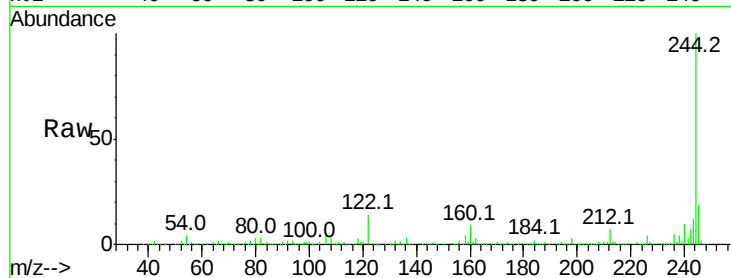
Tot Ion:244 Resp: 854312

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

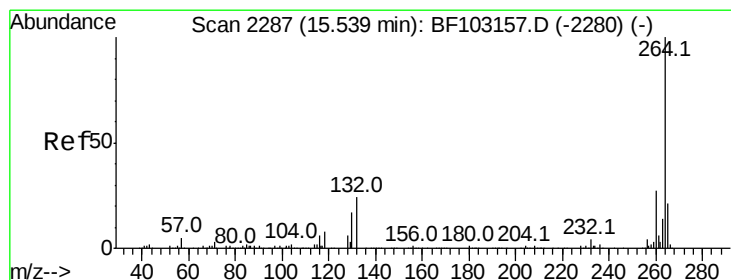
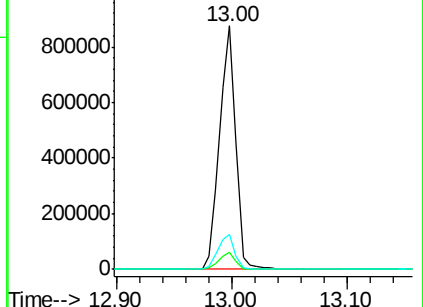
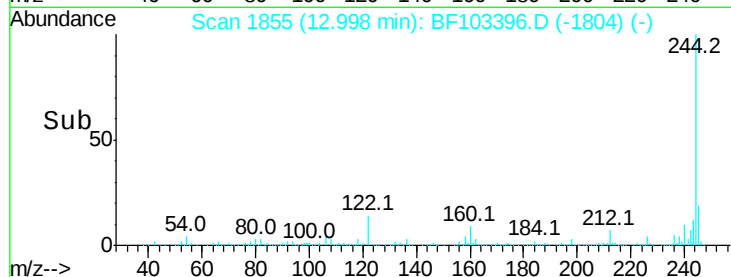
122 14.4 11.0 16.4



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# 2293

Delta R.T. 0.01 min

Lab File: BF103396.D

Acq: 3 Mar 2018 6:57

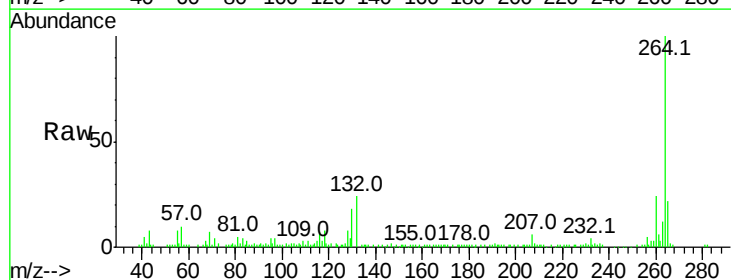
Tgt Ion:264 Resp: 133311

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.9 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

