

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030218\
 Data File : BF103397.D
 Acq On : 3 Mar 2018 7:23
 Operator : SJ/JU
 Sample : J1751-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

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

Quant Time: Mar 05 00:10:15 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

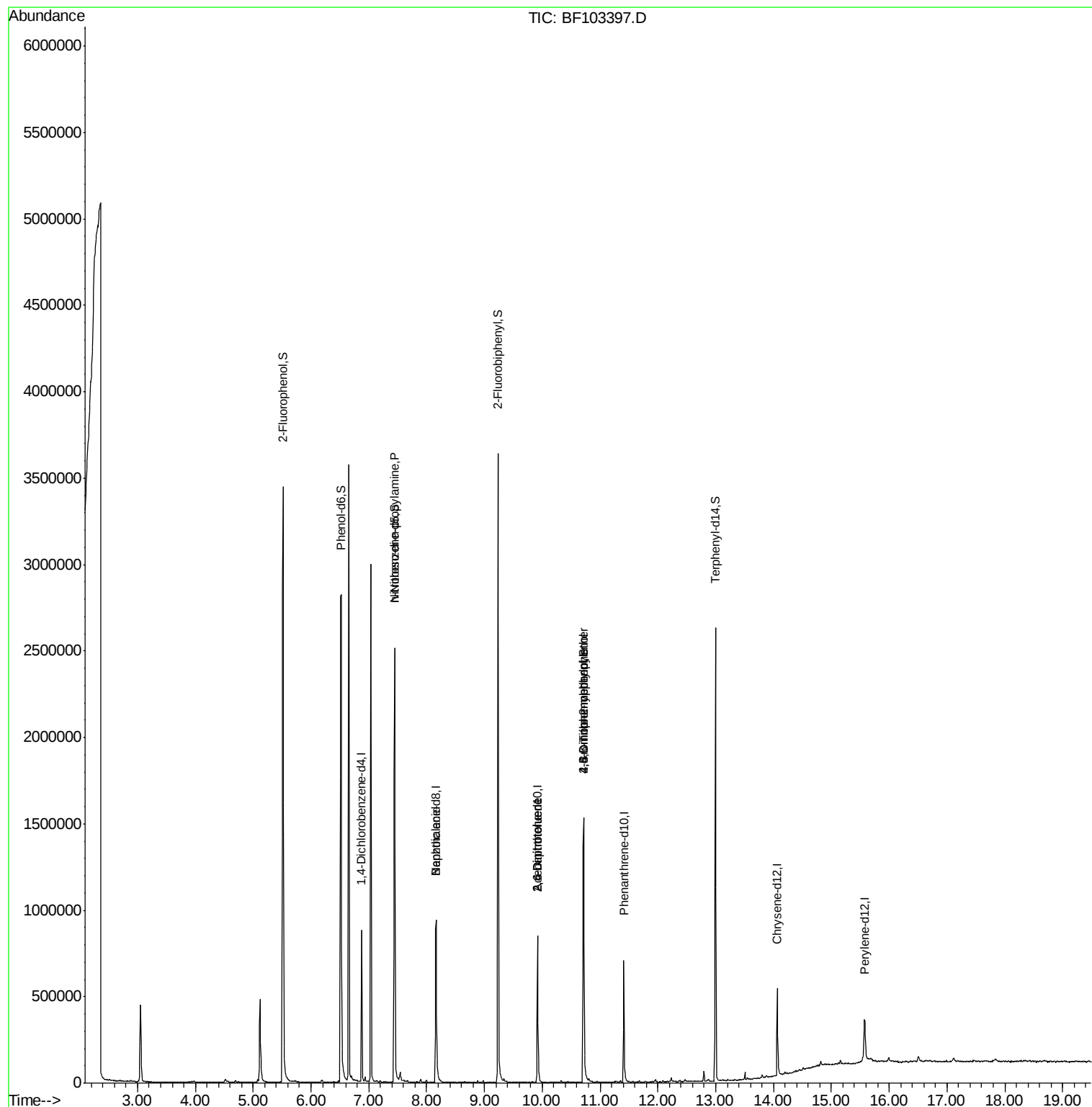
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	124806	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	511337	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	199497	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	290256	20.00	ng	0.00
75) Chrysene-d12	14.07	240	201320	20.00	ng	0.00
86) Perylene-d12	15.57	264	134222	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1049918	127.23	ng	0.02
7) Phenol-d6	6.52	99	1173691	116.23	ng	0.00
23) Nitrobenzene-d5	7.45	82	831156	92.83	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	191497	113.40	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1250267	118.53	ng	0.00
78) Terphenyl-d14	13.00	244	879420	105.01	ng	0.00
Target Compounds						
9) Benzaldehyde	6.52	77	1817	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.45	70	111357	17.720	ng	# 1
32) Benzoic acid	8.16	122	108	6.931	ng	# 1
50) 2,6-Dinitrotoluene	9.92	165	24550	7.310	ng	# 26
56) 2,4-Dinitrotoluene	9.92	165	24550	5.780	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.72	198	400	5.149	ng	# 1
66) 4-Bromophenyl-phenylether	10.72	248	13434	4.443	ng	# 1

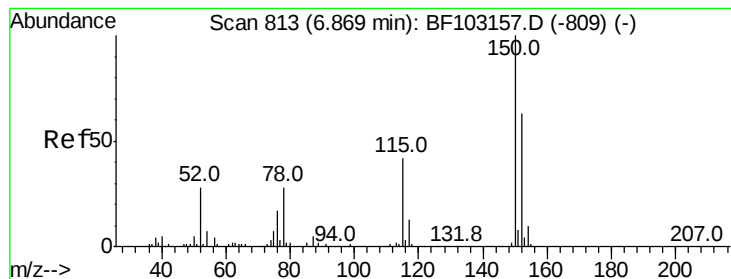
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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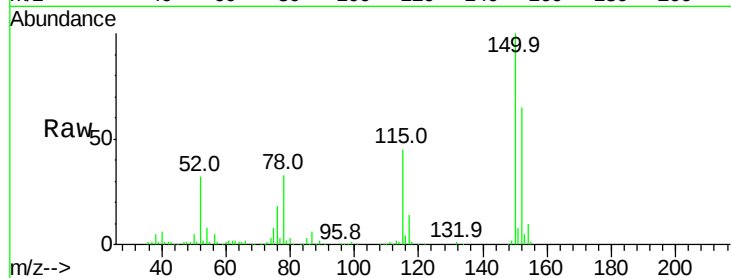


#1

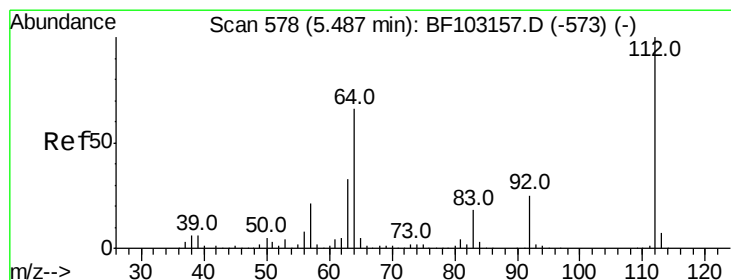
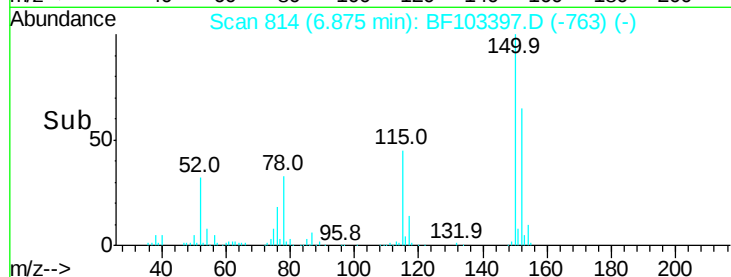
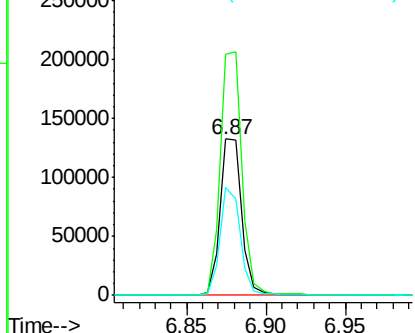
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF103397.D
Acq: 3 Mar 2018 7:23

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

Tot Ion:152 Resp: 124806
Ion Ratio Lower Upper
152 100
150 154.3 124.6 186.8
115 69.2 50.1 75.1



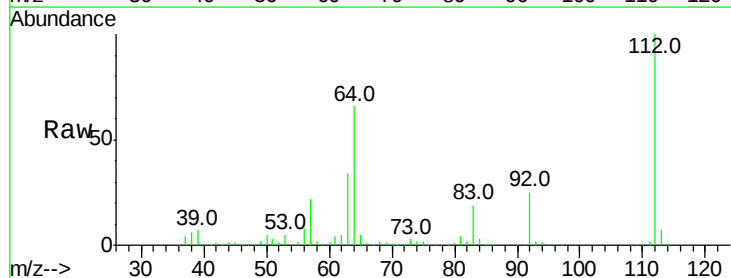
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



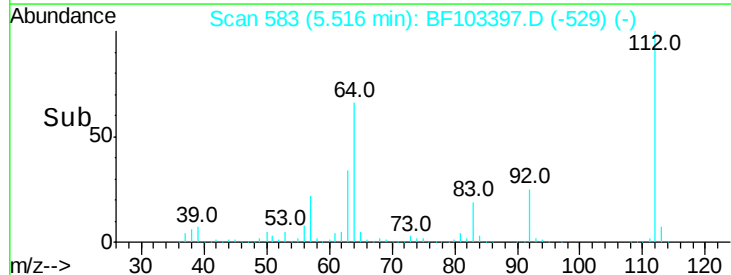
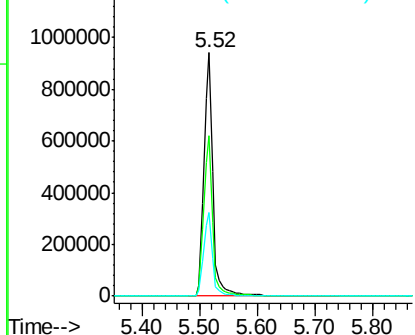
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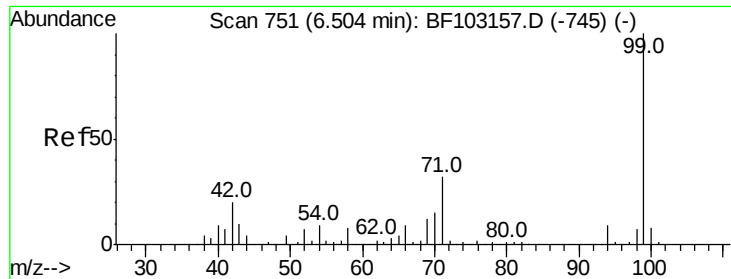
2-Fluorophenol
Concen: 127.232 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.02 min
Lab File: BF103397.D
Acq: 3 Mar 2018 7:23

Tgt Ion:112 Resp: 1049918
Ion Ratio Lower Upper
112 100
64 65.6 47.9 71.9
63 34.4 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: 116.235 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF103397.D

Acq: 3 Mar 2018 7:23

Instrument :

BNA_F

ClientSampleId :

JC-02-030118-C

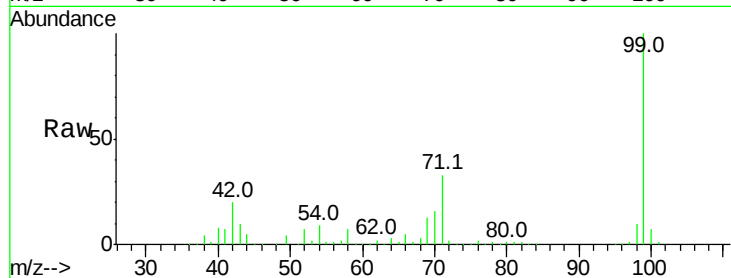
Tot Ion: 99 Resp: 1173691

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

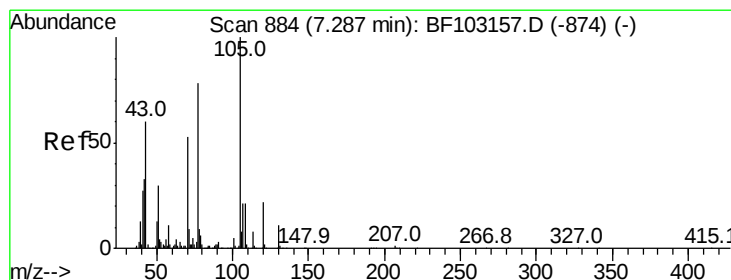
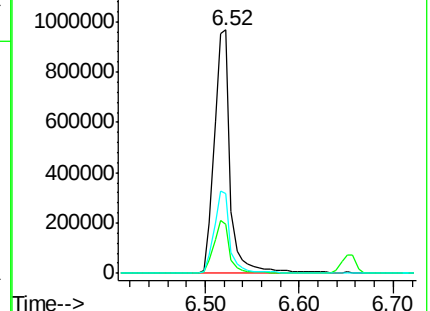
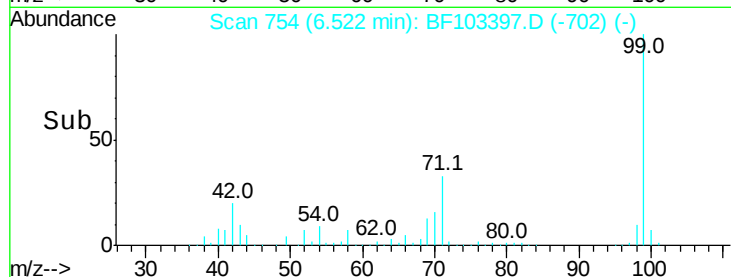
71 32.7 25.4 38.0



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: 17.720 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.15 min

Lab File: BF103397.D

Acq: 3 Mar 2018 7:23

Tgt Ion: 70 Resp: 111357

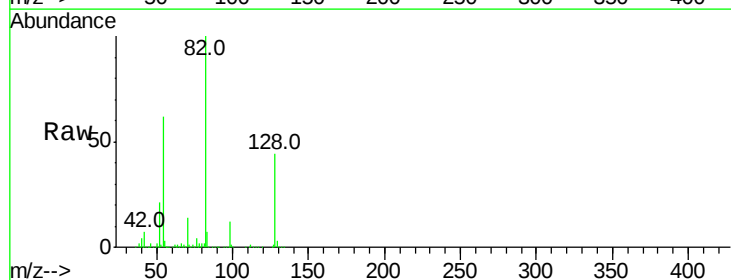
Ion Ratio Lower Upper

70 100

42 53.7 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

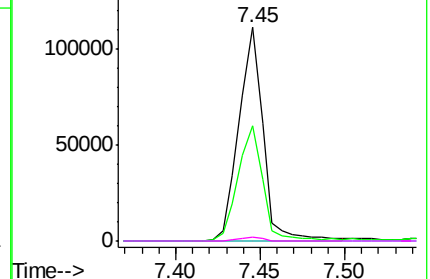
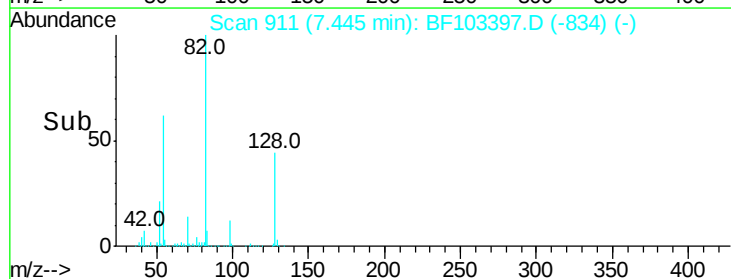


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

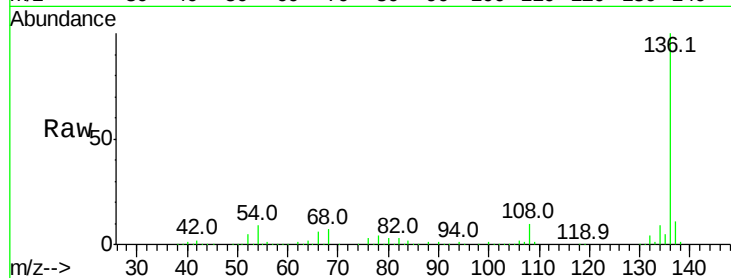




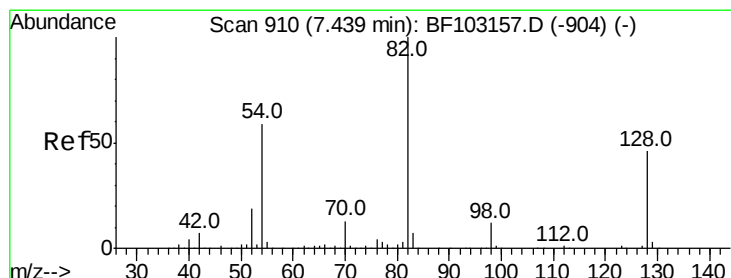
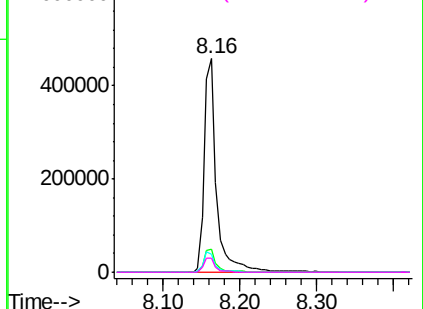
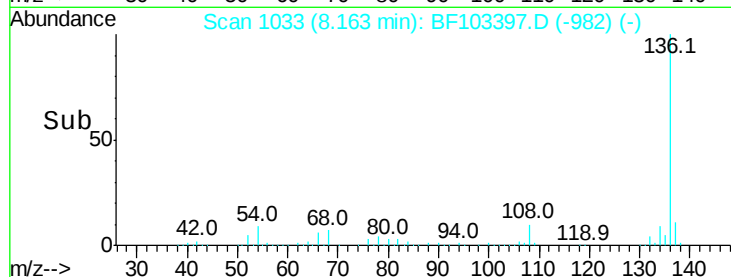
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF103397.D
Acq: 3 Mar 2018 7:23

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

Tot Ion:136	Resp: 511337
Ion Ratio	Lower Upper
136 100	
137 10.6	8.9 13.3
54 8.7	6.6 9.8
68 6.5	5.0 7.4

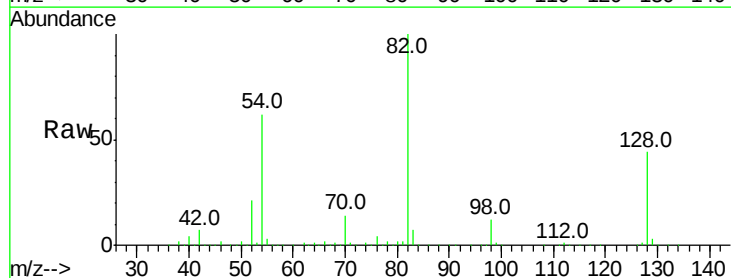


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

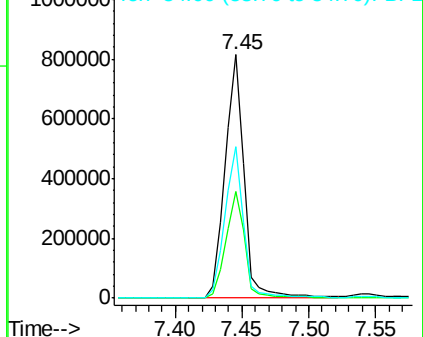
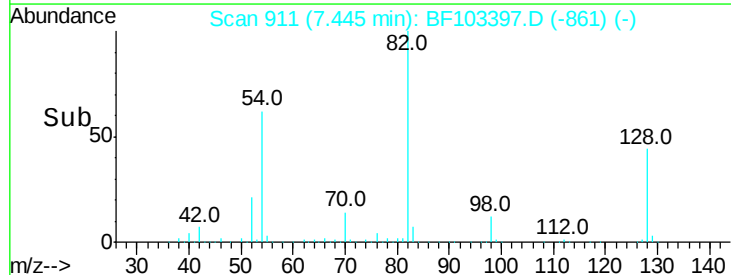


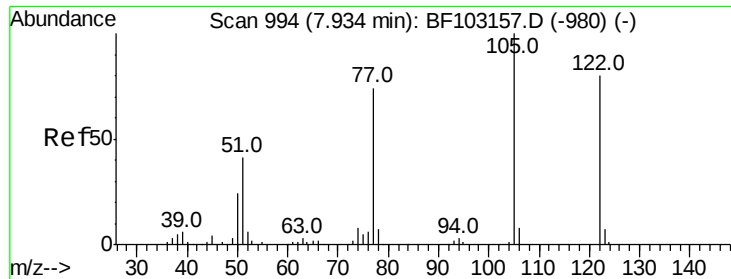
#23
Nitrobenzene-d5
Concen: 92.827 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF103397.D
Acq: 3 Mar 2018 7:23

Tgt Ion: 82	Resp: 831156
Ion Ratio	Lower Upper
82 100	
128 43.7	36.1 54.1
54 62.1	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

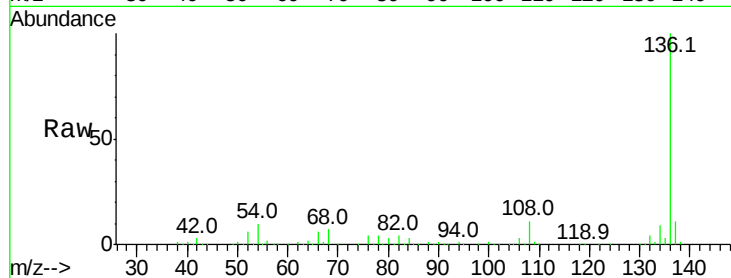




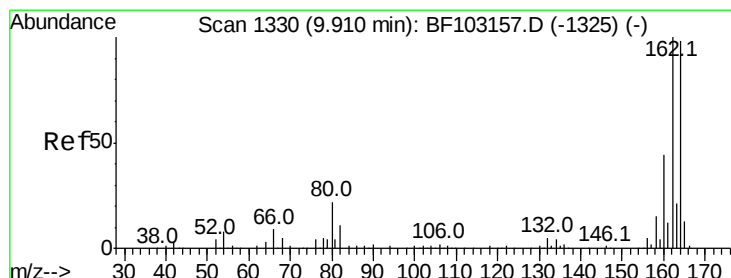
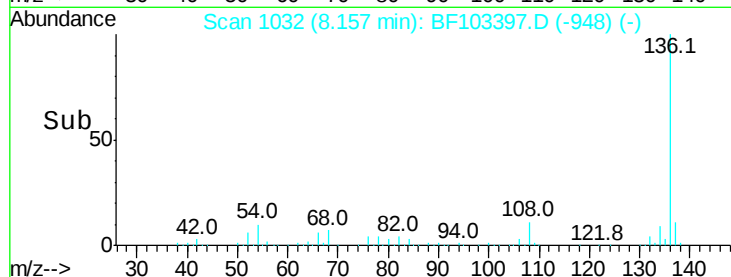
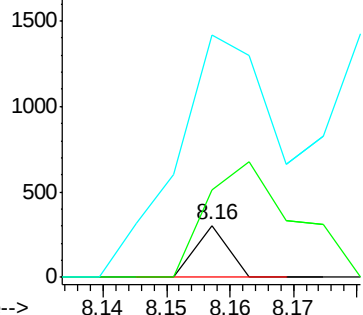
#32
Benzoic acid
Concen: 6.931 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.19 min
Lab File: BF103397.D
Acq: 3 Mar 2018 7:23

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

Tot Ion:122 Resp: 108
Ion Ratio Lower Upper
122 100
105 166.9 101.1 141.1#
77 464.9 70.7 110.7#

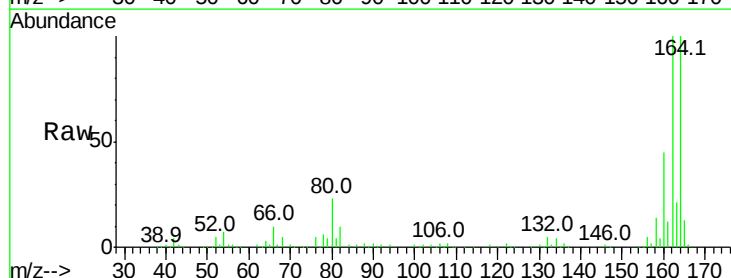


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

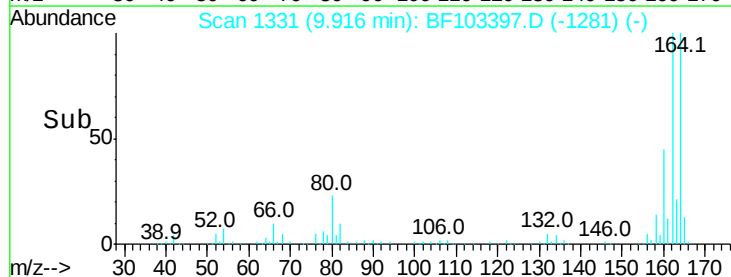
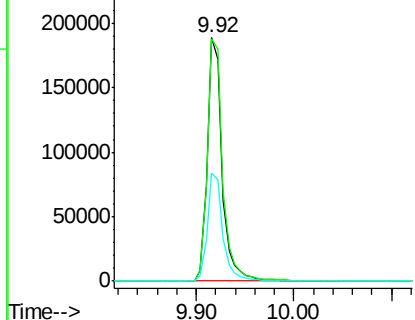


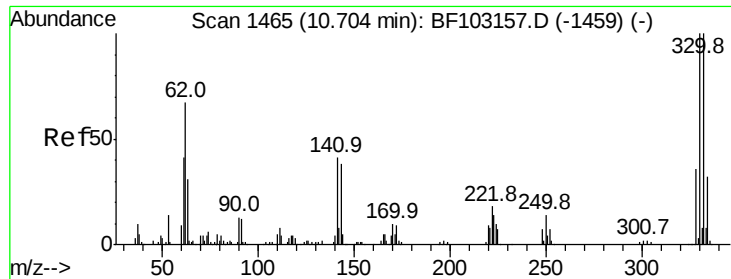
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103397.D
Acq: 3 Mar 2018 7:23

Tgt Ion:164 Resp: 199497
Ion Ratio Lower Upper
164 100
162 99.7 86.1 129.1
160 44.5 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

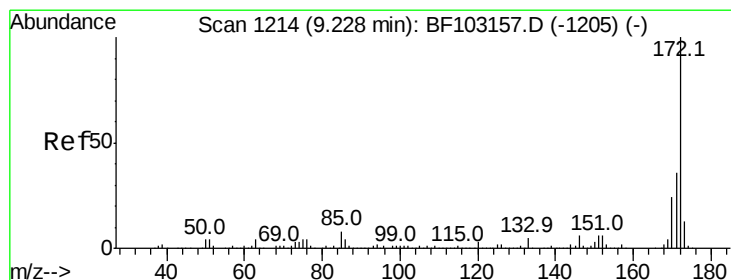
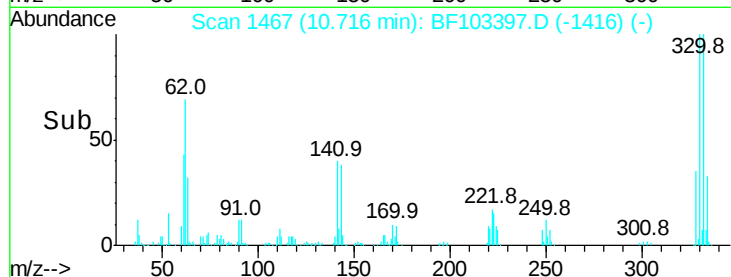
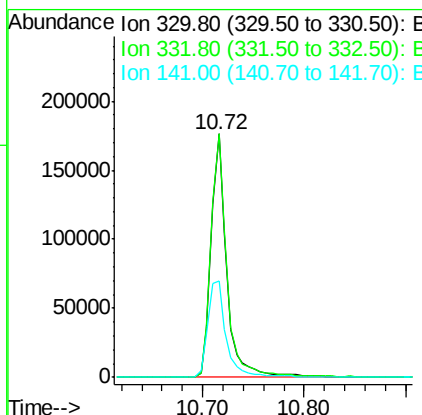
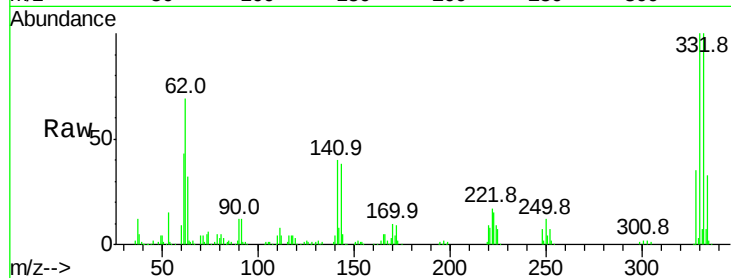




#41
 2,4,6-Tribromophenol
 Concen: 113.404 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: BF103397.D
 Acq: 3 Mar 2018 7:23

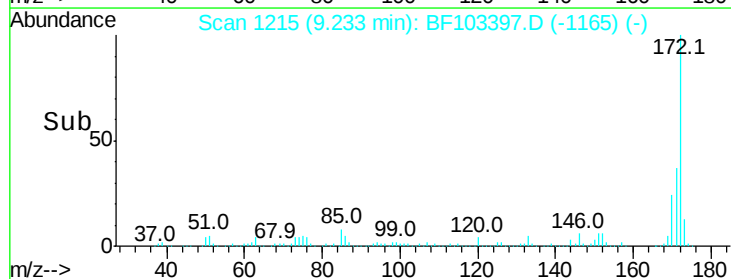
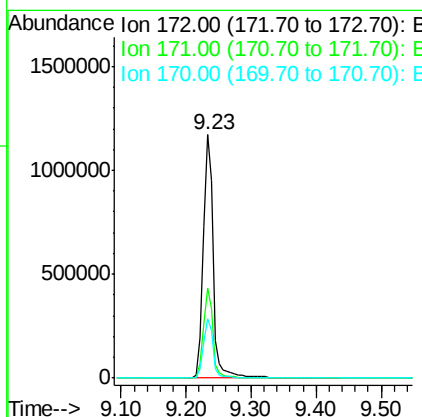
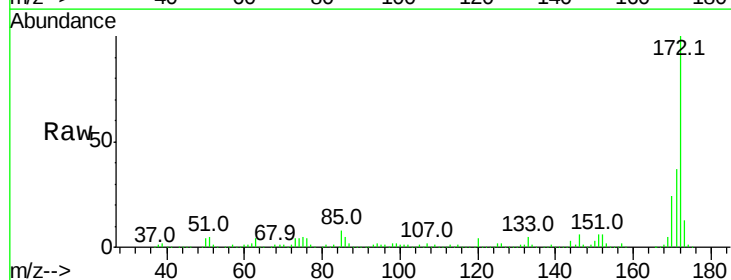
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 BNA_F
 ClientSampleId :
 JC-02-030118-C

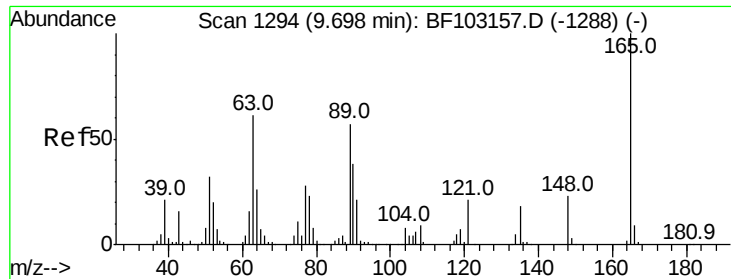
Tot Ion:330 Resp: 191497
 Ion Ratio Lower Upper
 330 100
 332 101.9 77.0 115.6
 141 47.2 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 118.531 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103397.D
 Acq: 3 Mar 2018 7:23

Tgt Ion:172 Resp: 1250267
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.7 44.5
 170 24.4 19.6 29.4

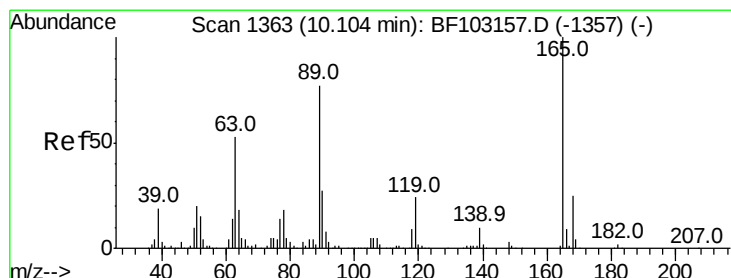
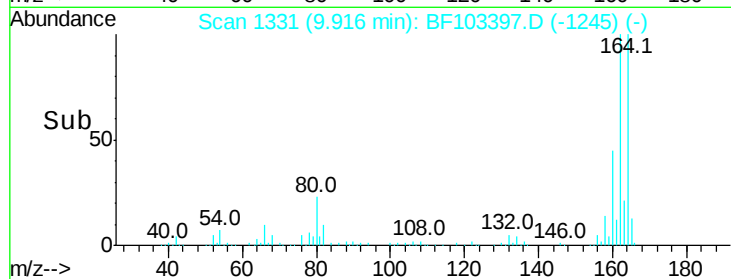
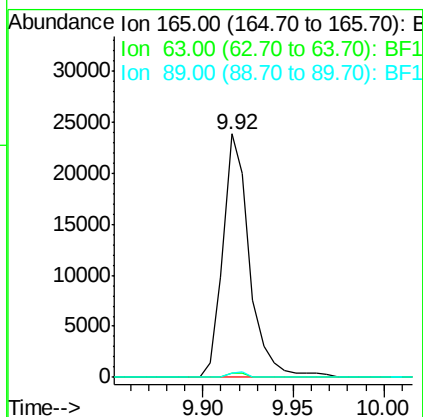
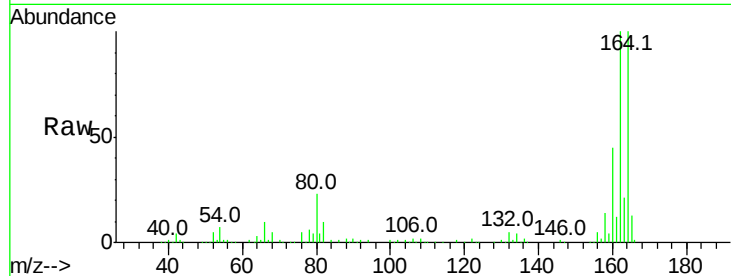




#50
 2,6-Dinitrotoluene
 Concen: 7.310 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.21 min
 Lab File: BF103397.D
 Acq: 3 Mar 2018 7:23

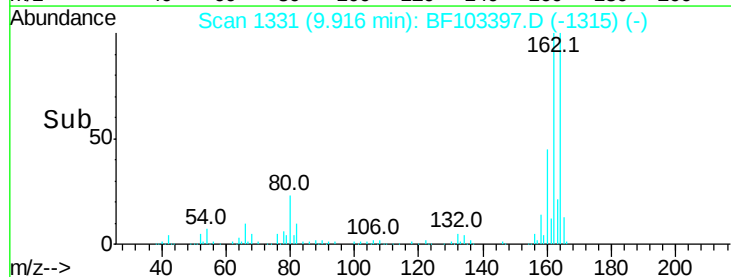
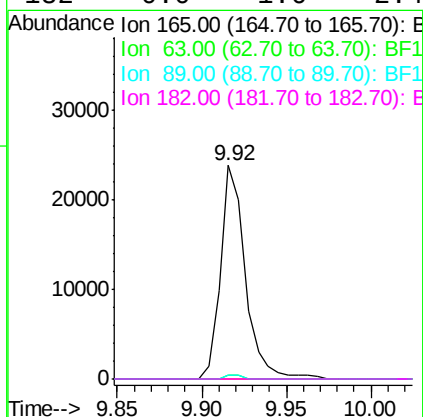
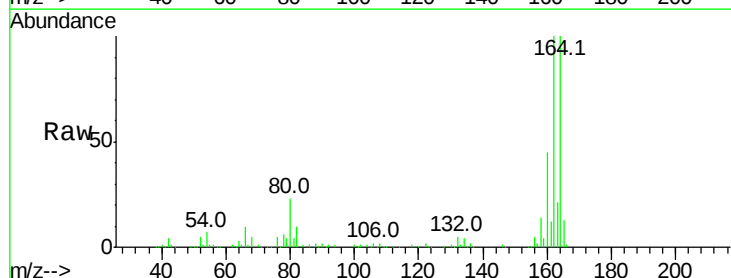
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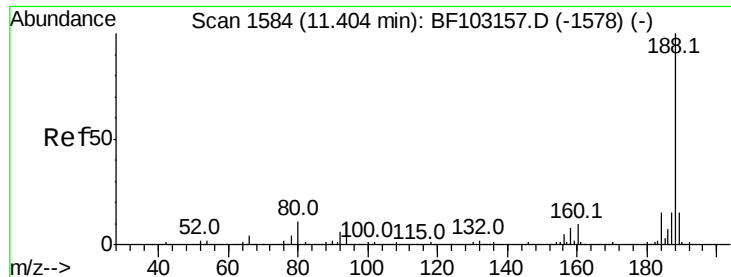
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.0	44.7	67.1#
89	1.6	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.780 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.21 min
 Lab File: BF103397.D
 Acq: 3 Mar 2018 7:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#

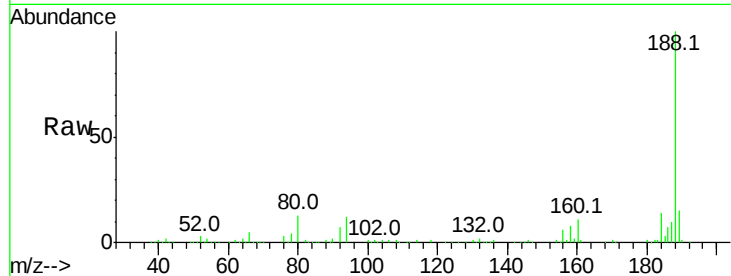




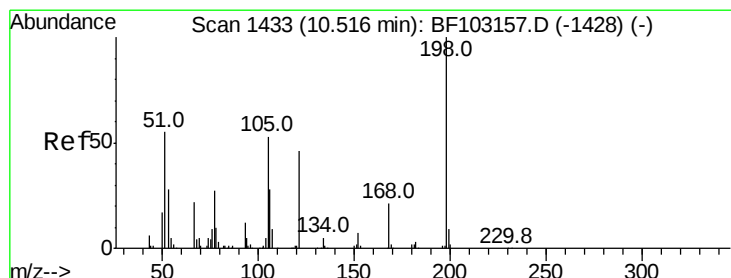
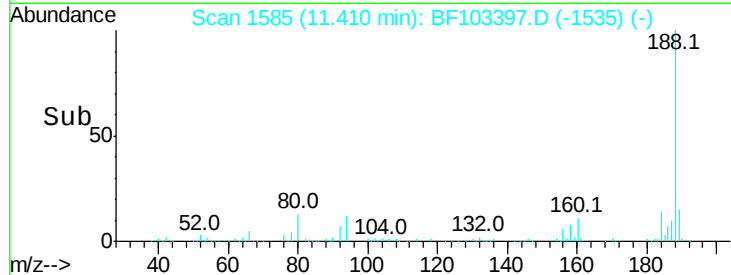
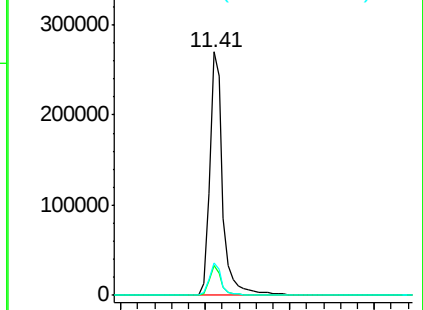
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF103397.D
Acq: 3 Mar 2018 7:23

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

Tot Ion:188 Resp: 290256
Ion Ratio Lower Upper
188 100
94 12.1 8.5 12.7
80 13.4 9.2 13.8

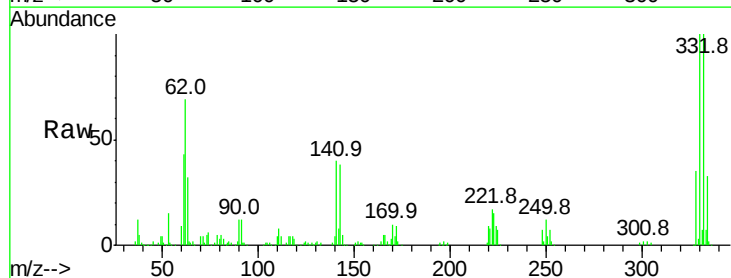


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

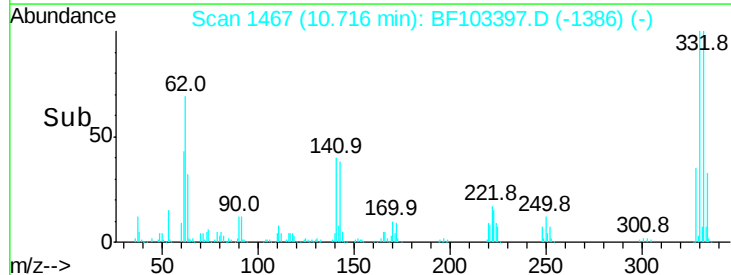
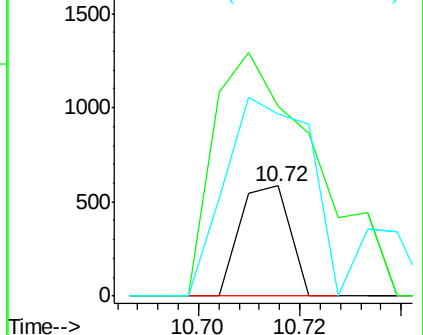


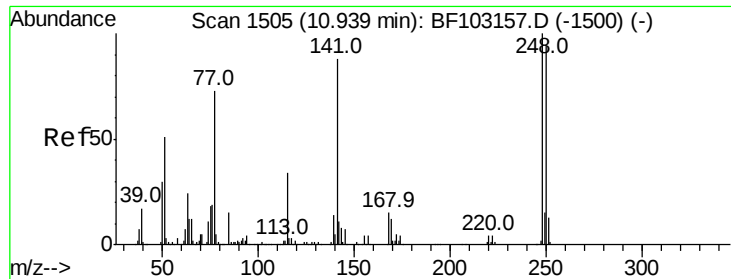
#64
4,6-Dinitro-2-methylphenol
Concen: 5.149 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.18 min
Lab File: BF103397.D
Acq: 3 Mar 2018 7:23

Tgt Ion:198 Resp: 400
Ion Ratio Lower Upper
198 100
51 172.8 37.7 77.7#
105 165.6 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

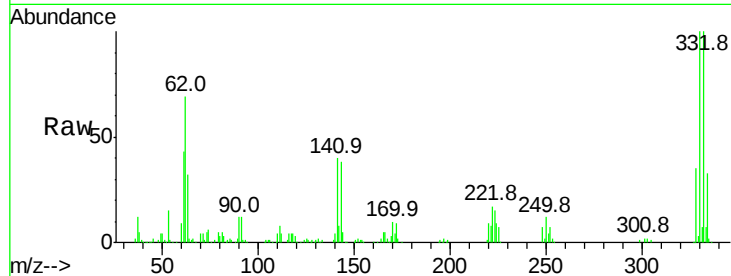




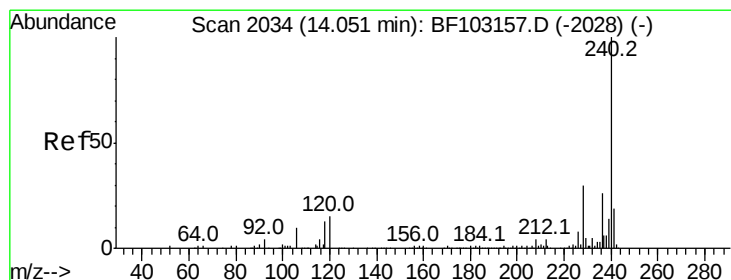
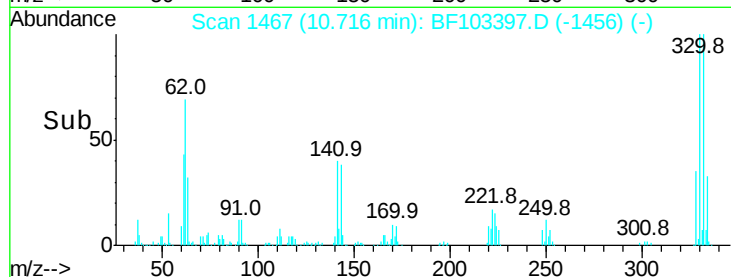
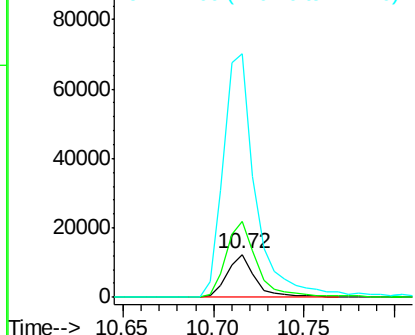
#66
4-Bromophenyl-phenylether
Concen: 4.443 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.24 min
Lab File: BF103397.D
Acq: 3 Mar 2018 7:23

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

Tot Ion:248 Resp: 13434
Ion Ratio Lower Upper
248 100
250 177.1 76.9 115.3#
141 563.5 74.4 111.6#

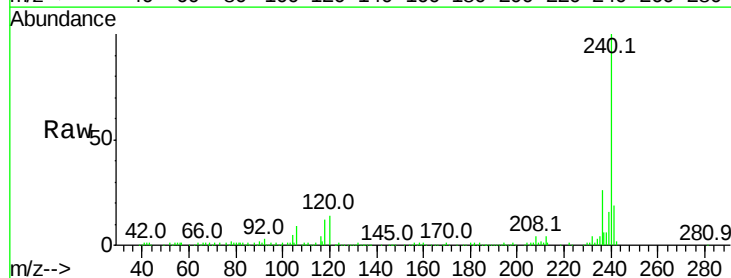


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

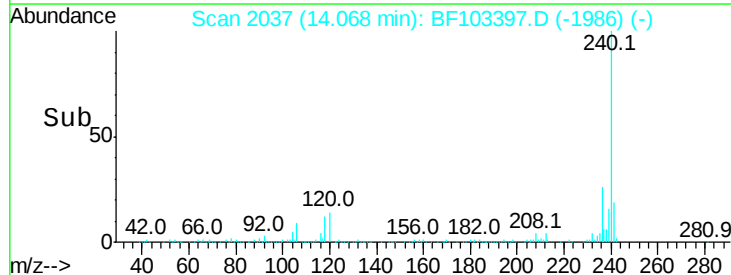
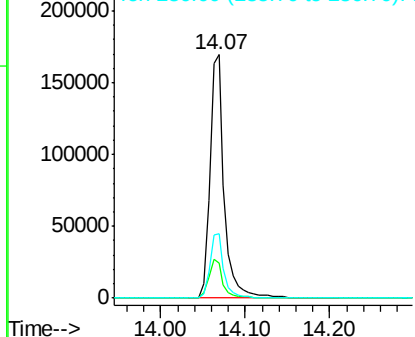


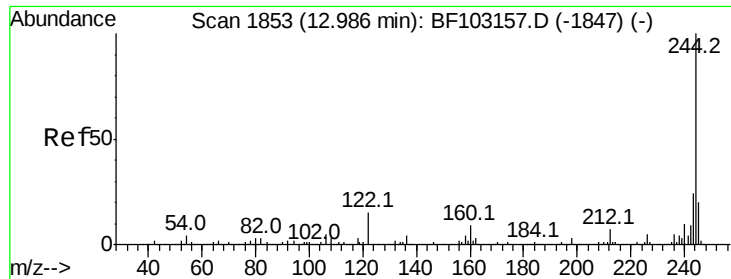
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.00 min
Lab File: BF103397.D
Acq: 3 Mar 2018 7:23

Tgt Ion:240 Resp: 201320
Ion Ratio Lower Upper
240 100
120 14.2 9.5 14.3
236 26.5 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: 105.007 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BF103397.D

Acq: 3 Mar 2018 7:23

Instrument :

BNA_F

ClientSampleId :

JC-02-030118-C

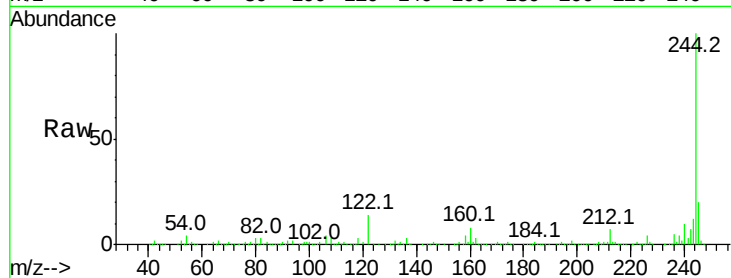
Tot Ion:244 Resp: 879420

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

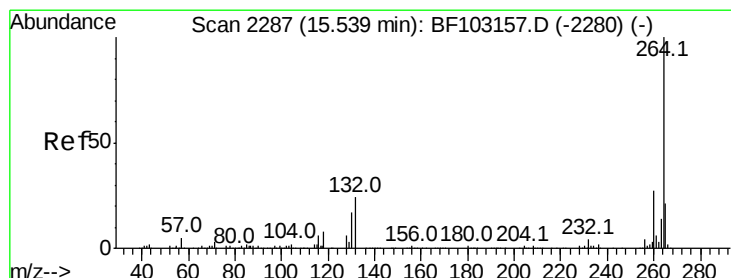
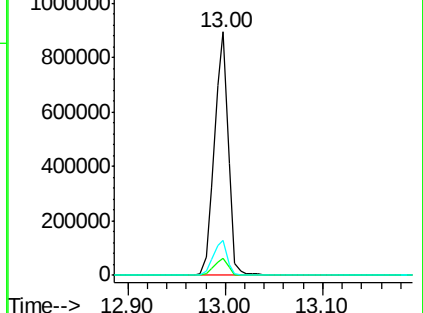
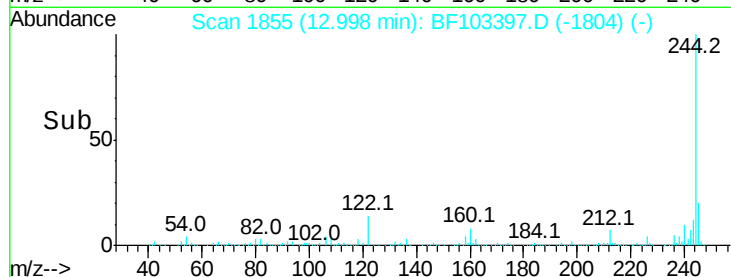
122 14.4 11.0 16.4



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: BF103397.D

Acq: 3 Mar 2018 7:23

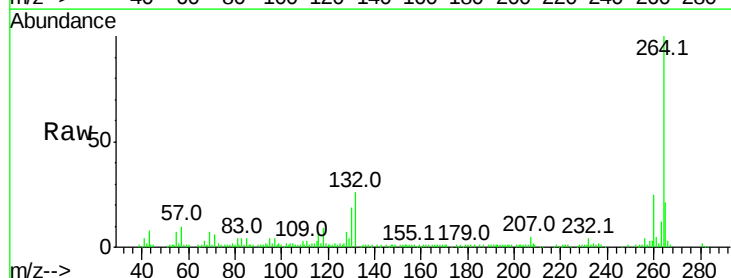
Tgt Ion:264 Resp: 134222

Ion Ratio Lower Upper

264 100

260 25.1 19.2 28.8

265 21.3 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

