

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021518\
 Data File : BF103032.D
 Acq On : 15 Feb 2018 21:53
 Operator : SJ/JU
 Sample : J1539-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 16 00:05:48 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 14:08:58 2018
 Response via : Initial Calibration

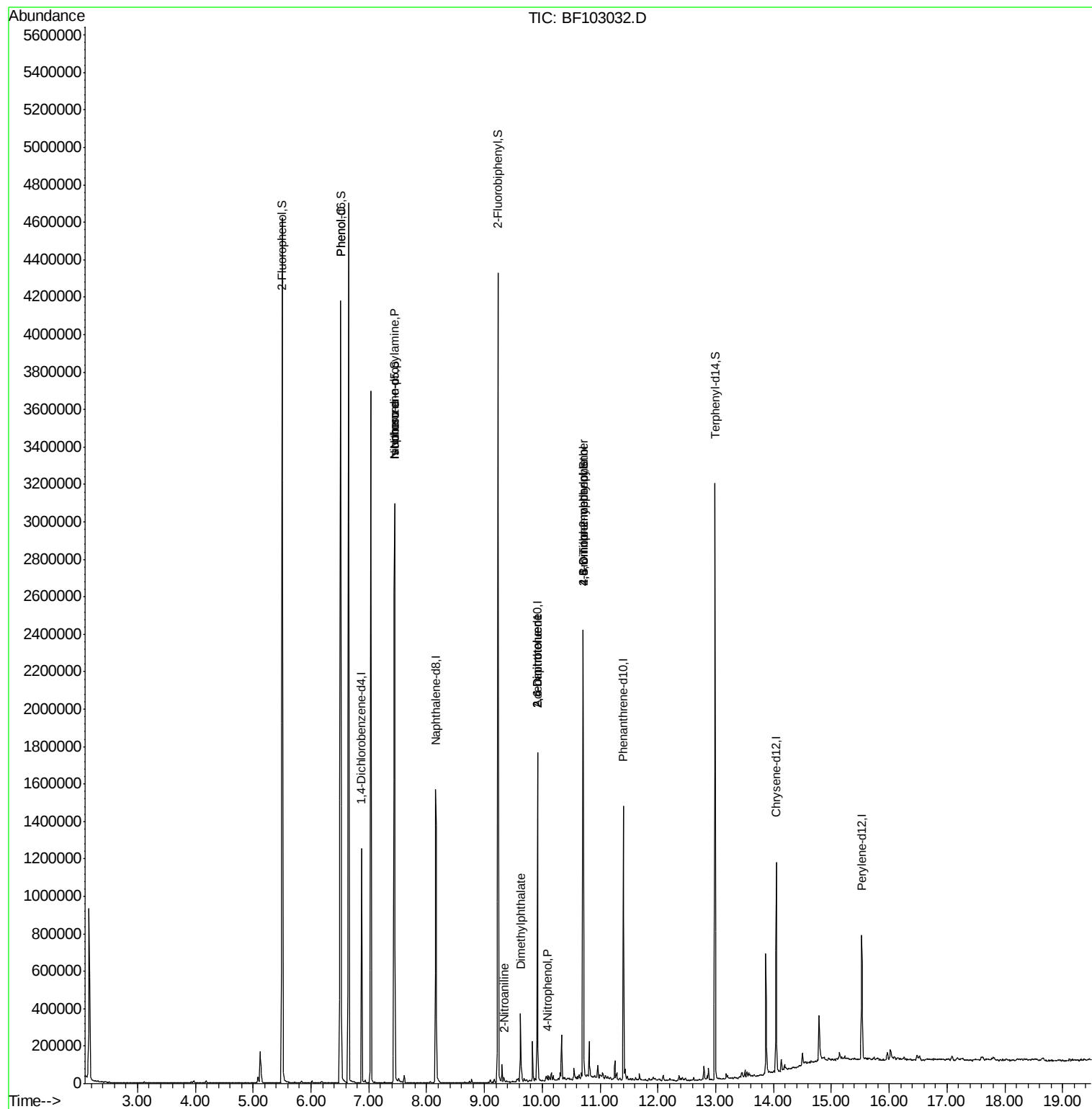
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	177145	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	733693	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	315856	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	480713	20.00	ng	0.00
75) Chrysene-d12	14.04	240	342766	20.00	ng	0.00
86) Perylene-d12	15.53	264	283931	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1427392	122.37	ng	0.01
7) Phenol-d6	6.52	99	1708235	121.63	ng	0.00
23) Nitrobenzene-d5	7.45	82	1060923	100.31	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	295826	116.36	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1402982	73.71	ng	0.00
78) Terphenyl-d14	12.99	244	1112607	76.86	ng	0.00
Target Compounds						
10) Phenol	6.52	94	53317	3.54	ng	# 64
19) n-Nitroso-di-n-propylamine	7.45	70	140759	15.20	ng	# 79
25) Isophorone	7.45	82	1060914	43.56	ng	# 64
47) 2-Nitroaniline	9.33	65	120	3.49	ng	# 2
49) Dimethylphthalate	9.62	163	131567	5.34	ng	# 99
50) 2,6-Dinitrotoluene	9.92	165	39772	8.49	ng	# 25
55) 4-Nitrophenol	10.09	139	153	4.05	ng	# 9
56) 2,4-Dinitrotoluene	9.92	165	39772	9.00	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.70	198	483	9.02	ng	# 1
66) 4-Bromophenyl-phenylether	10.71	248	19224	3.78	ng	# 1

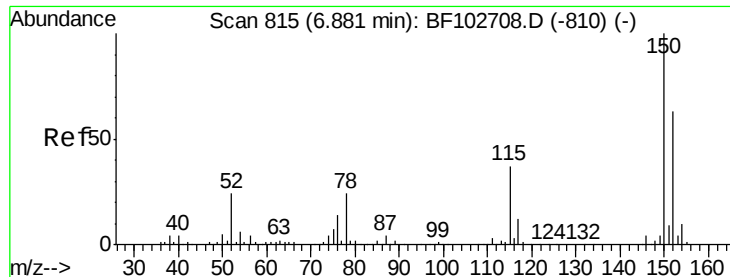
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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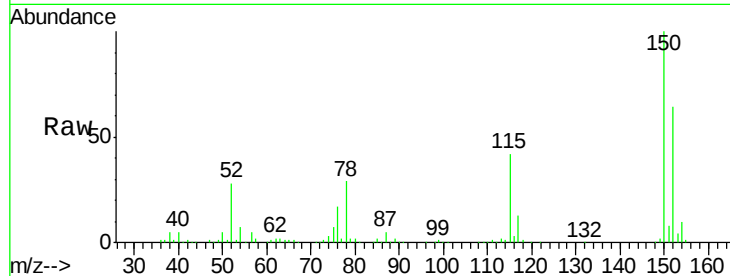


#1

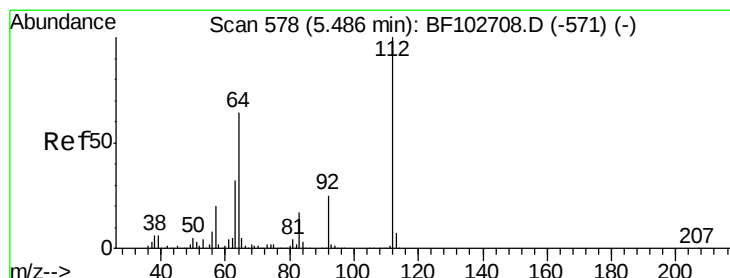
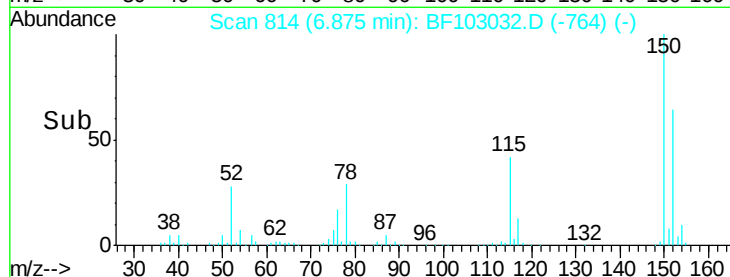
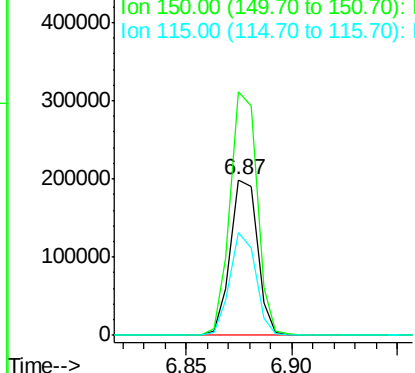
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103032.D
Acq: 15 Feb 2018 21:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 177145
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 65.9 50.1 75.1



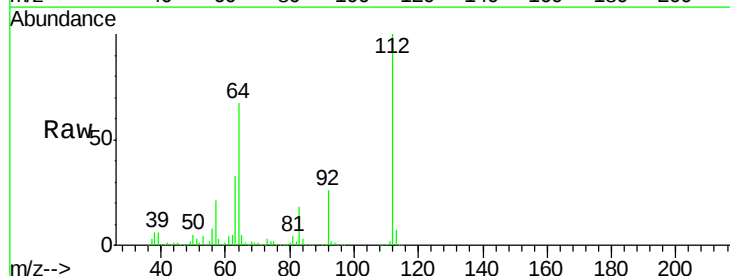
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



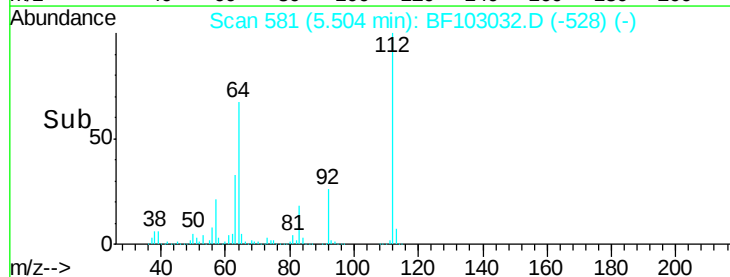
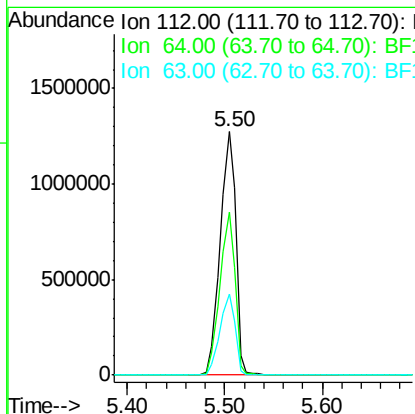
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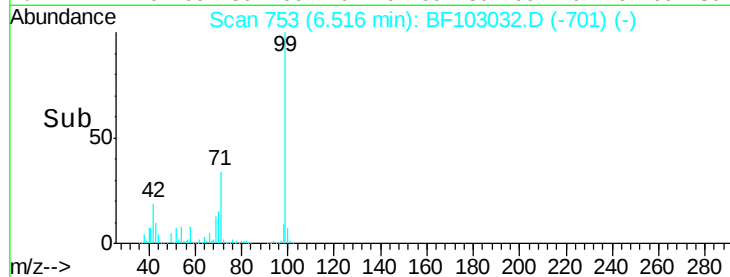
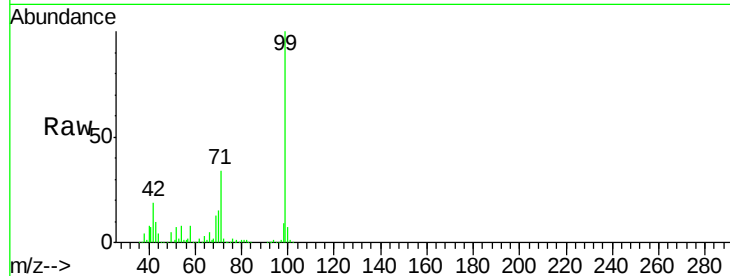
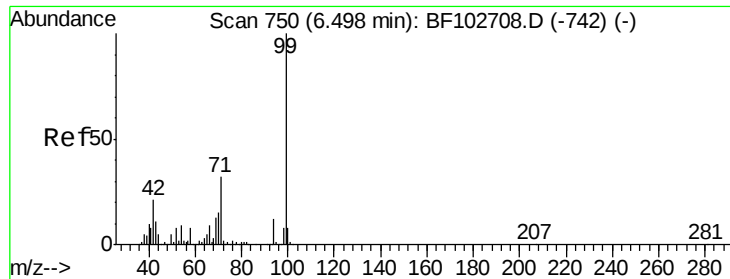
2-Fluorophenol
Concen: 122.37 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103032.D
Acq: 15 Feb 2018 21:53

Tgt Ion:112 Resp: 1427392
Ion Ratio Lower Upper
112 100
64 67.0 47.9 71.9
63 33.4 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: 121.63 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103032.D

Acq: 15 Feb 2018 21:53

Instrument :

BNA_F

ClientSampleId :

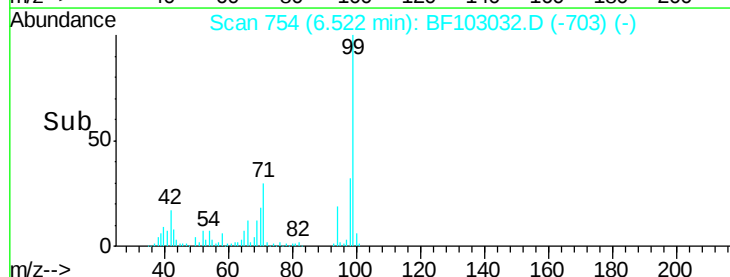
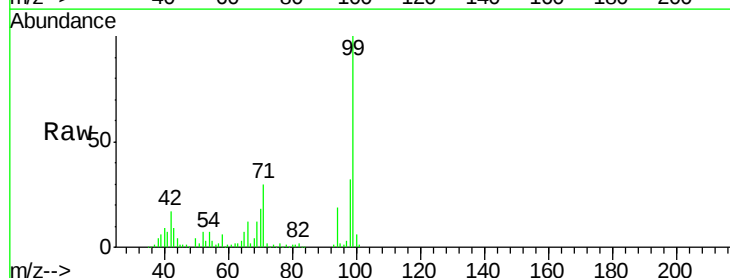
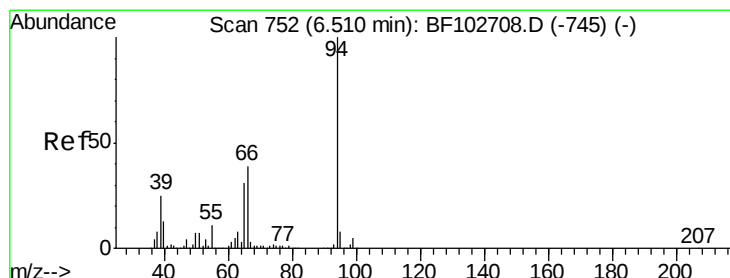
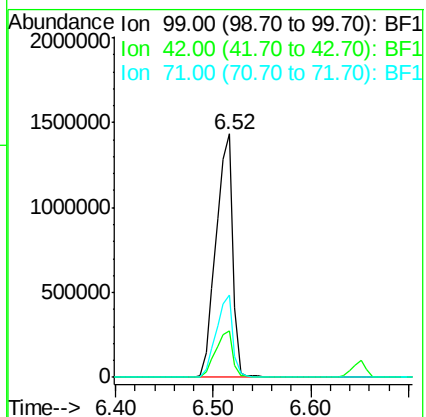
Tot Ion: 99 Resp: 1708235

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

71 33.8 25.4 38.0



#10

Phenol

Concen: 3.54 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF103032.D

Acq: 15 Feb 2018 21:53

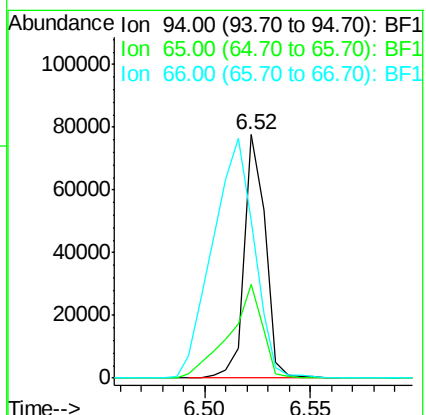
Tgt Ion: 94 Resp: 53317

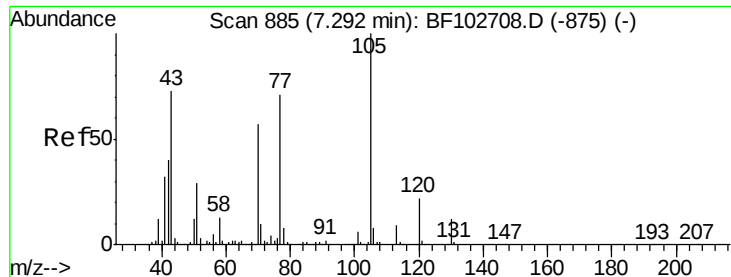
Ion Ratio Lower Upper

94 100

65 38.4 7.9 47.9

66 64.9 16.2 56.2#

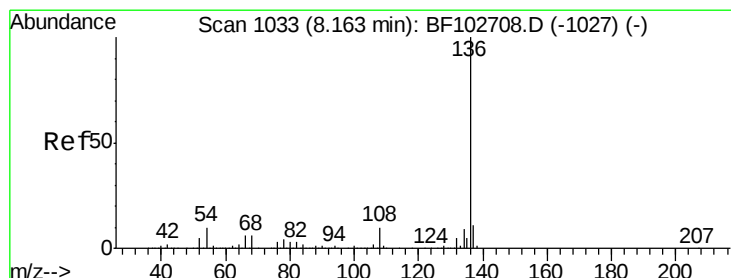
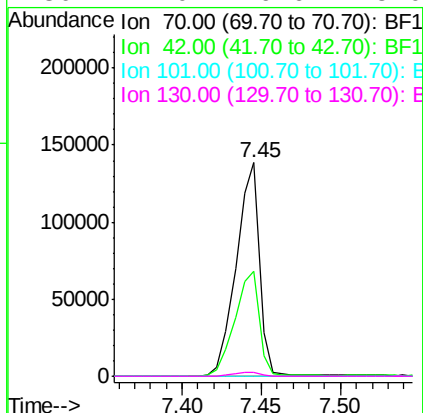
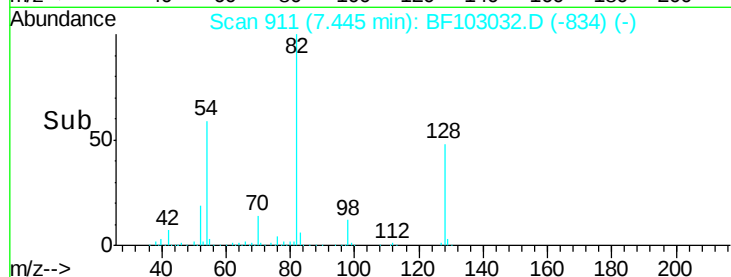
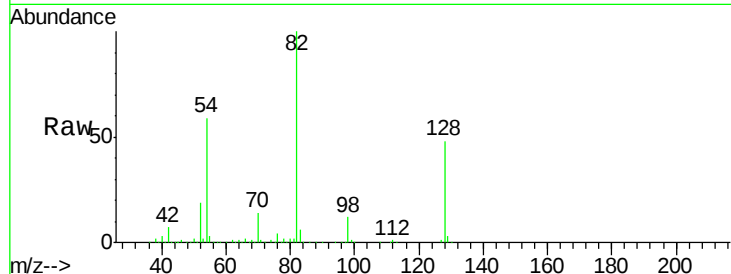




#19
n-Nitroso-di-n-propylamine
Concen: 15.20 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF103032.D
Acq: 15 Feb 2018 21:53

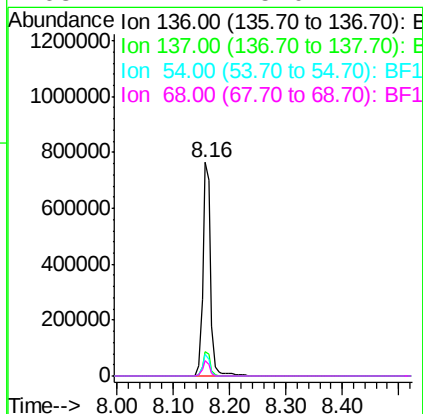
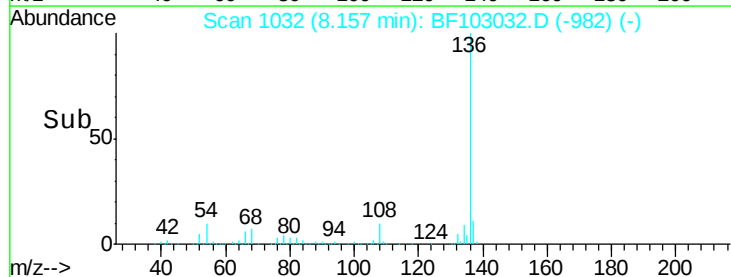
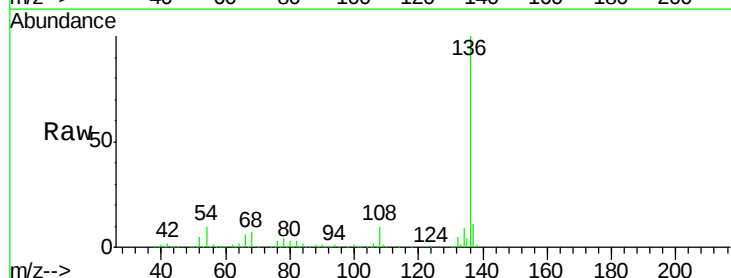
Instrument :
BNA_F
ClientSampleId :

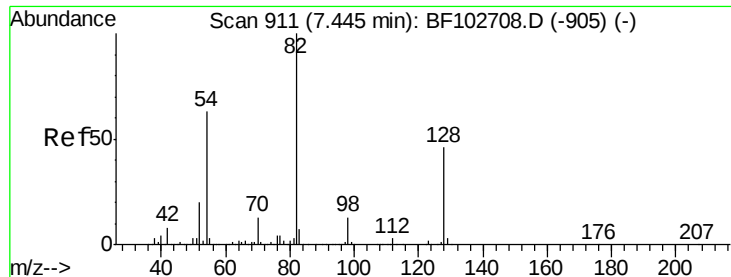
Tot Ion: 70 Resp: 140759
Ion Ratio Lower Upper
70 100
42 49.0 47.5 71.3
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF103032.D
Acq: 15 Feb 2018 21:53

Tgt Ion:136 Resp: 733693
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 10.4 6.6 9.8#
68 7.1 5.0 7.4

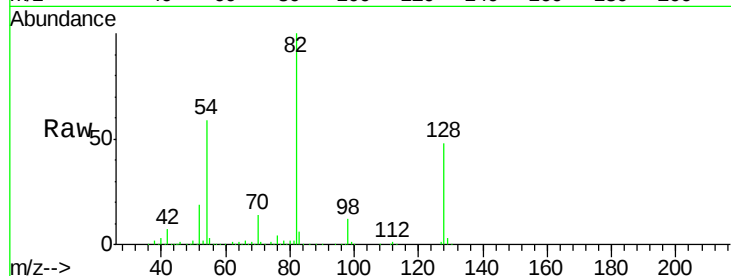




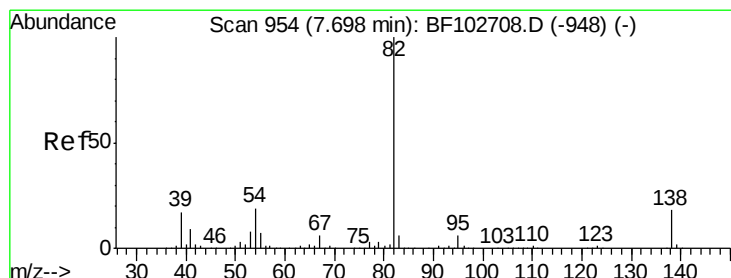
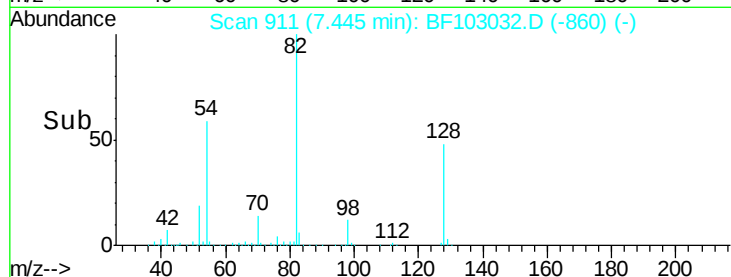
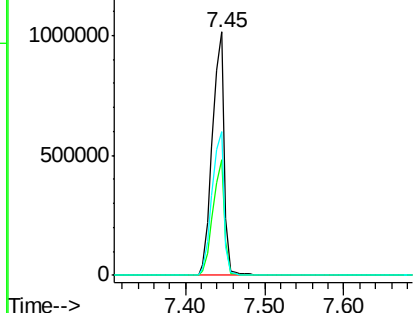
#23
Nitrobenzene-d5
Concen: 100.31 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF103032.D
Acq: 15 Feb 2018 21:53

Instrument :
BNA_F
ClientSampleID :

Tot Ion: 82 Resp: 1060923
Ion Ratio Lower Upper
82 100
128 47.5 36.1 54.1
54 59.0 41.4 62.2

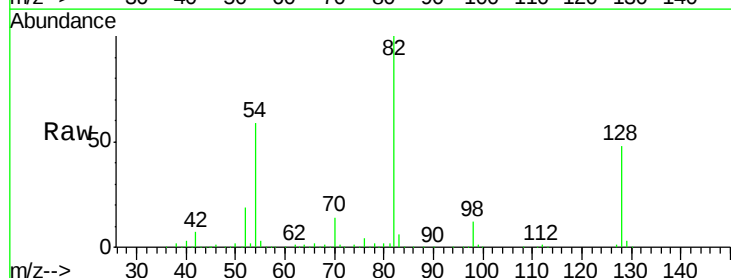


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

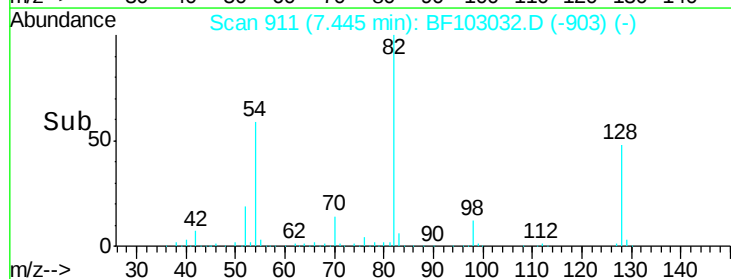
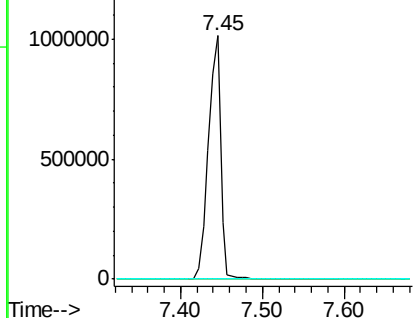


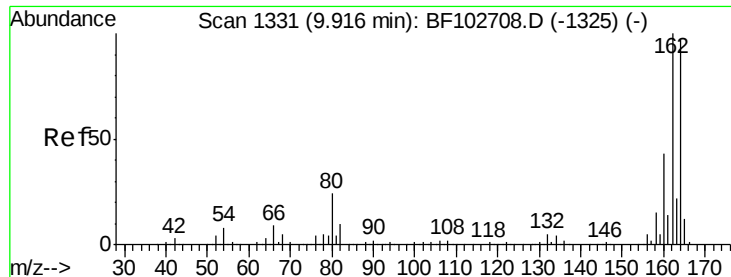
#25
Isophorone
Concen: 43.56 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.25 min
Lab File: BF103032.D
Acq: 15 Feb 2018 21:53

Tgt Ion: 82 Resp: 1060914
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

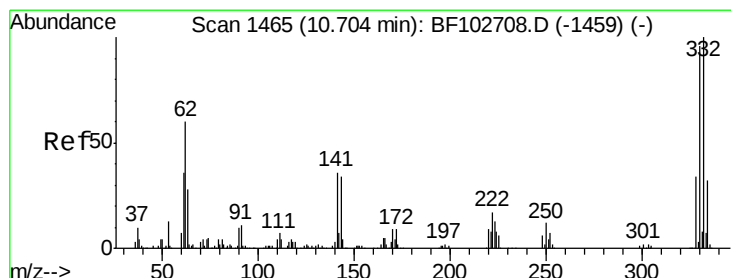
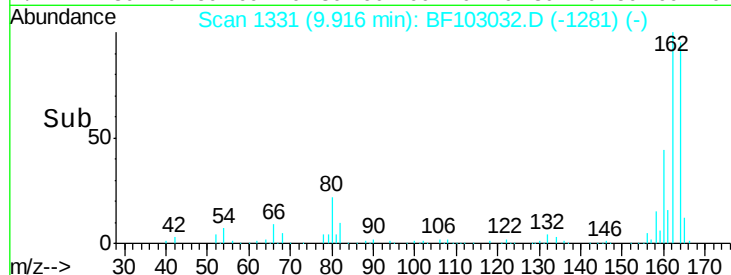
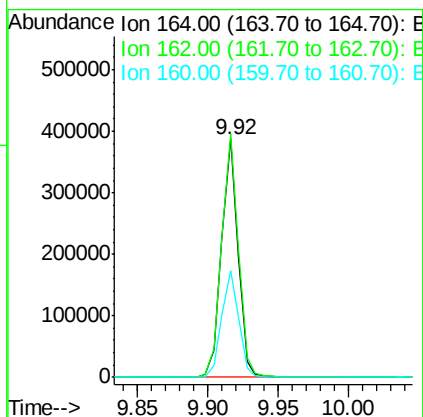
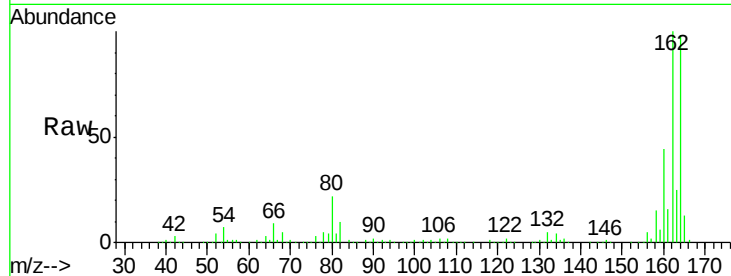




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF103032.D
 Acq: 15 Feb 2018 21:53

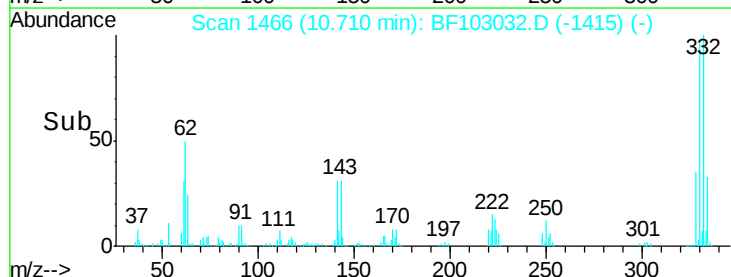
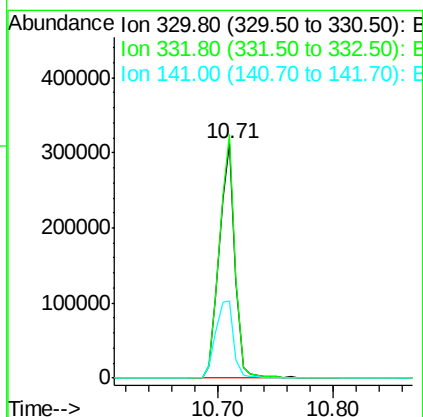
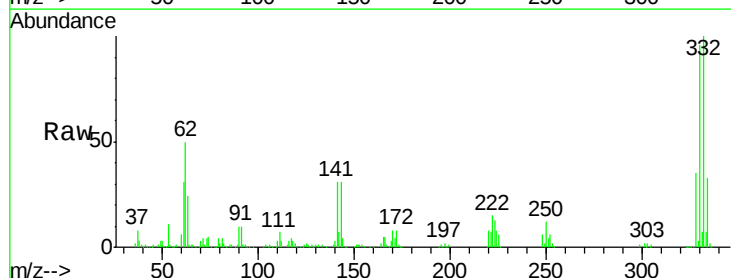
Instrument :
 BNA_F
 ClientSampleId :

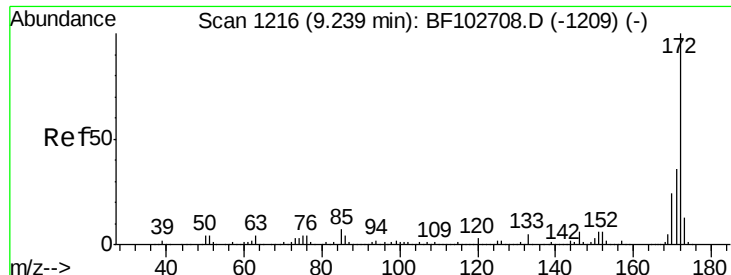
Tot Ion:164 Resp: 315856
 Ion Ratio Lower Upper
 164 100
 162 102.1 86.1 129.1
 160 44.8 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 116.36 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF103032.D
 Acq: 15 Feb 2018 21:53

Tgt Ion:330 Resp: 295826
 Ion Ratio Lower Upper
 330 100
 332 103.0 77.0 115.6
 141 37.9 29.9 44.9



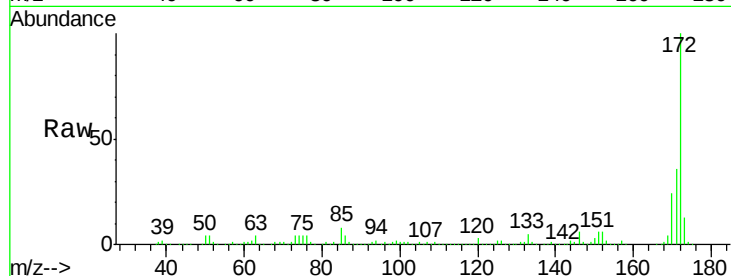


#44
 2-Fluorobiphenyl
 Concen: 73.71 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103032.D
 Acq: 15 Feb 2018 21:53

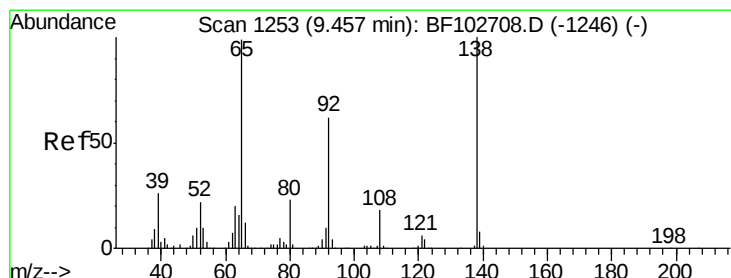
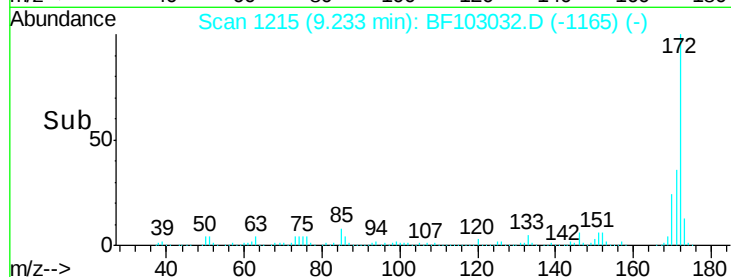
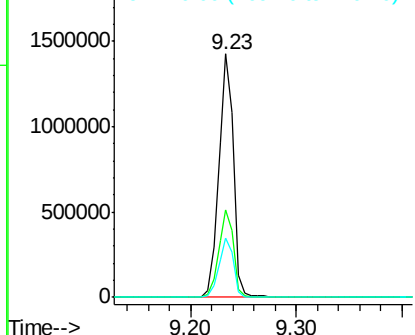
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1402982

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.5	19.6	29.4



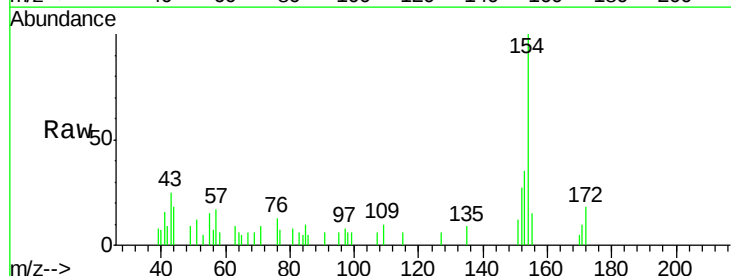
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



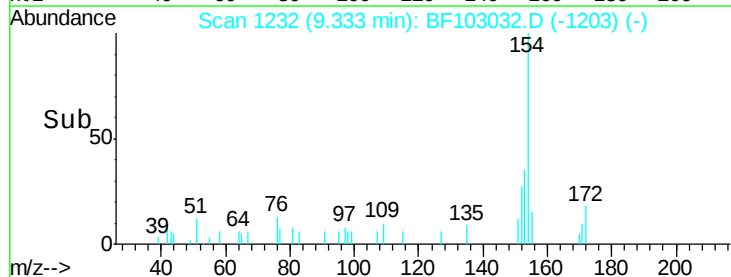
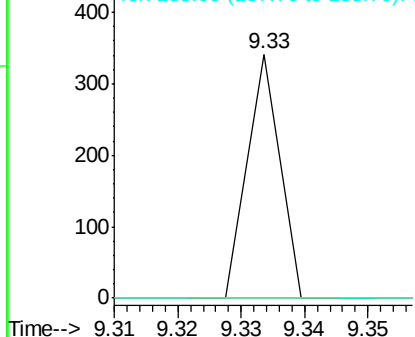
#47
 2-Nitroaniline
 Concen: 3.49 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.13 min
 Lab File: BF103032.D
 Acq: 15 Feb 2018 21:53

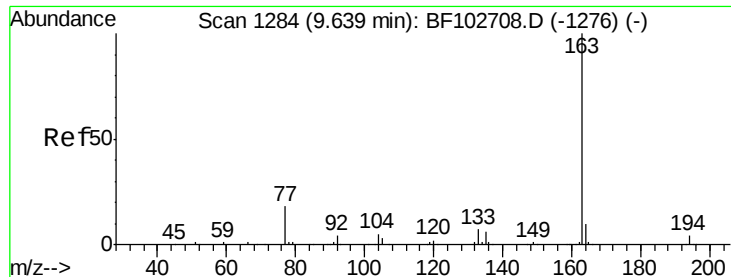
Tgt Ion: 65 Resp: 120

Ion	Ratio	Lower	Upper
65	100		
92	0.0	55.8	83.6#
138	0.0	91.2	136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E

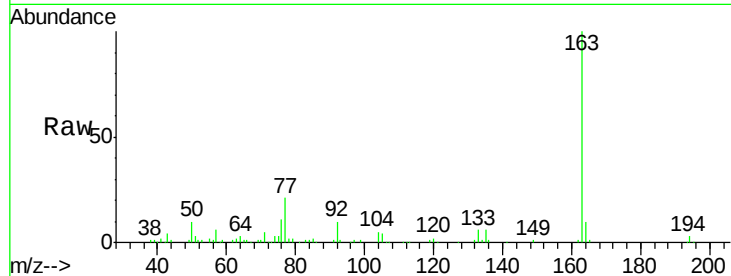




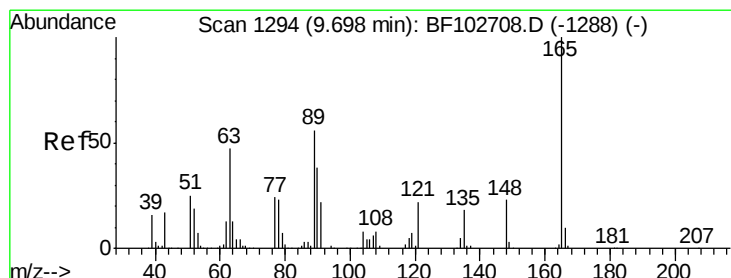
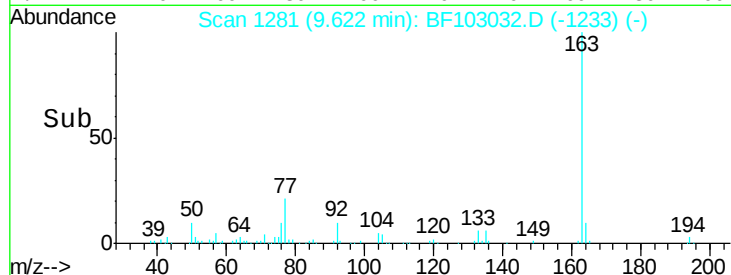
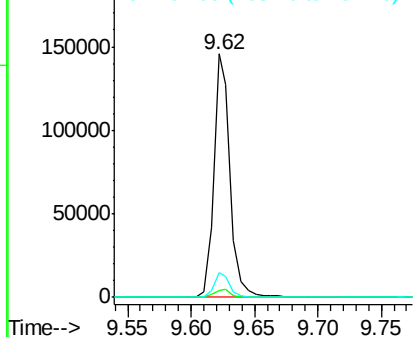
#49
Dimethylphthalate
Concen: 5.34 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF103032.D
Acq: 15 Feb 2018 21:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.7	4.1
164	10.0	8.2	12.2

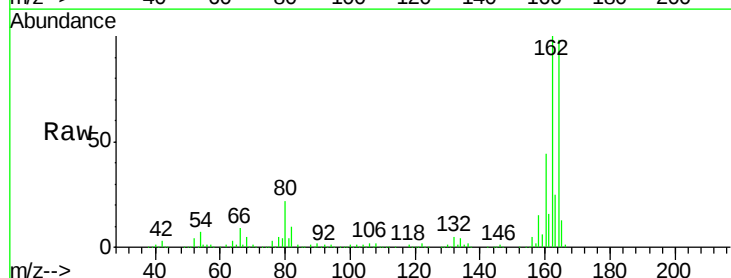


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

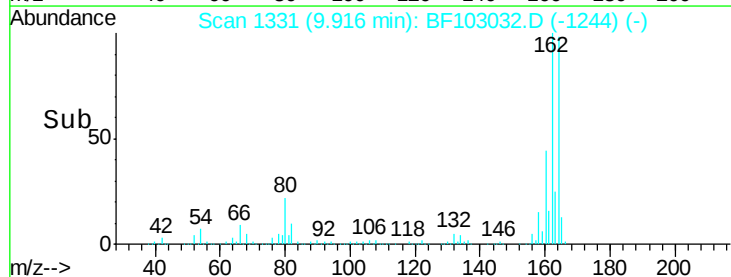
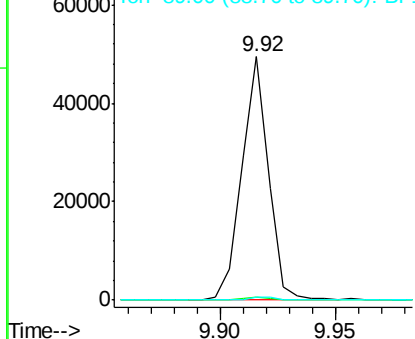


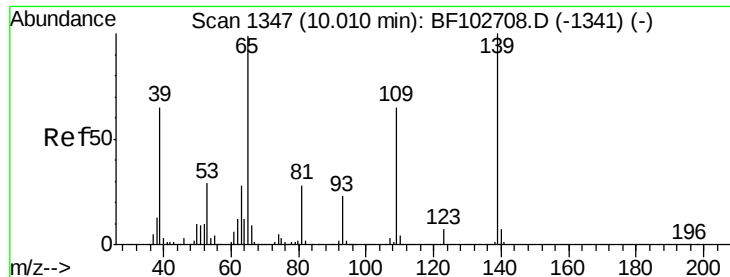
#50
2,6-Dinitrotoluene
Concen: 8.49 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF103032.D
Acq: 15 Feb 2018 21:53

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.5	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

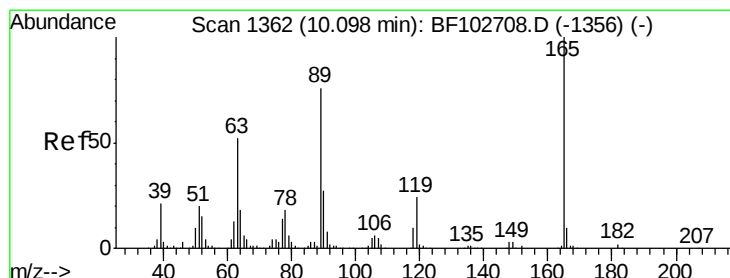
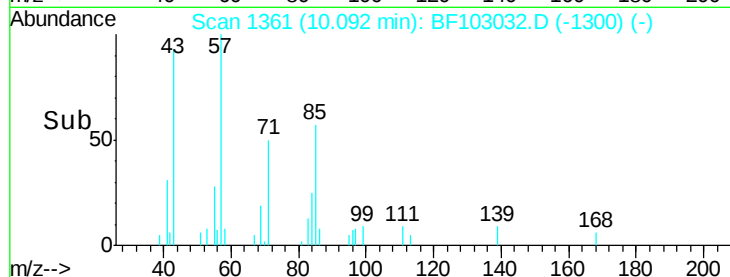
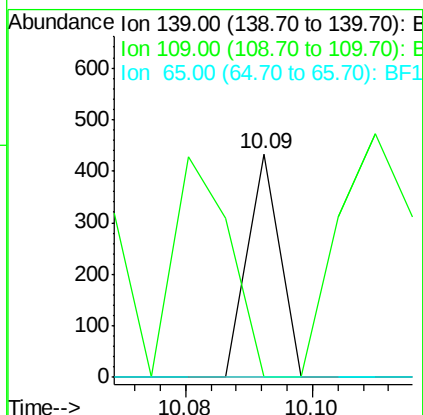
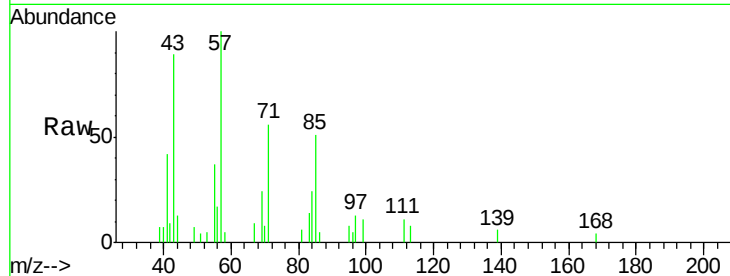




#55
4-Nitrophenol
Concen: 4.05 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.06 min
Lab File: BF103032.D
Acq: 15 Feb 2018 21:53

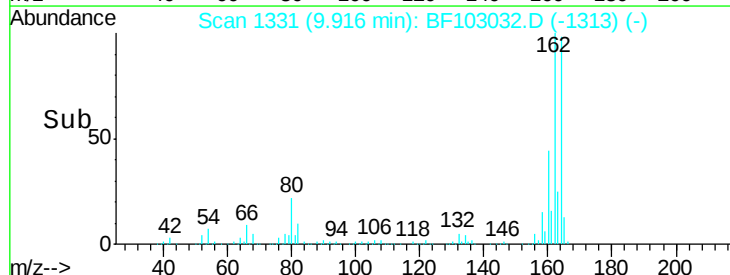
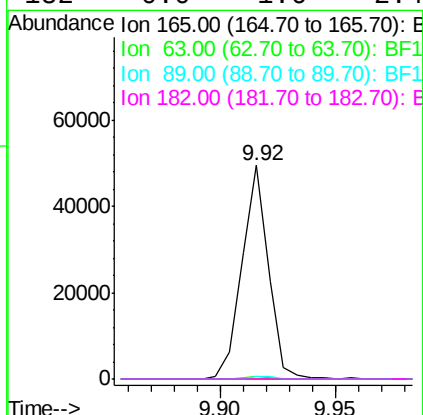
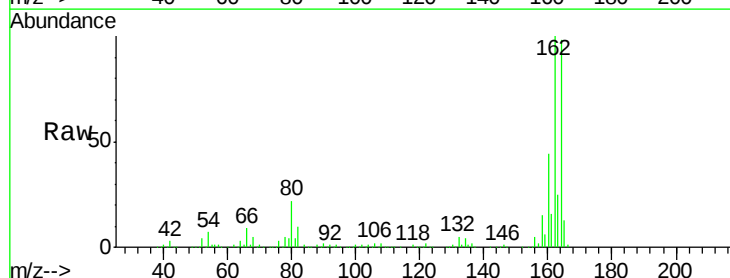
Instrument :
BNA_F
ClientSampled :

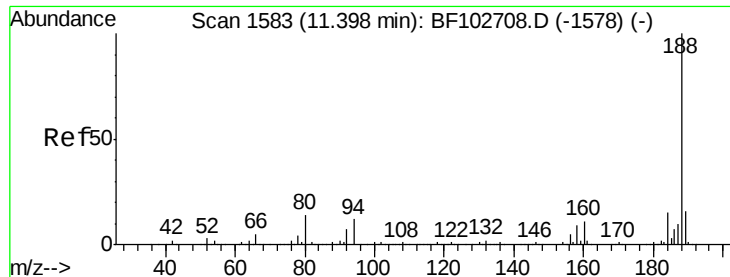
Tot Ion:139 Resp: 153
Ion Ratio Lower Upper
139 100
109 0.0 48.4 88.4#
65 0.0 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 9.00 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF103032.D
Acq: 15 Feb 2018 21:53

Tgt Ion:165 Resp: 39772
Ion Ratio Lower Upper
165 100
63 1.2 36.4 54.6#
89 1.5 57.8 86.6#
182 0.0 1.6 2.4#

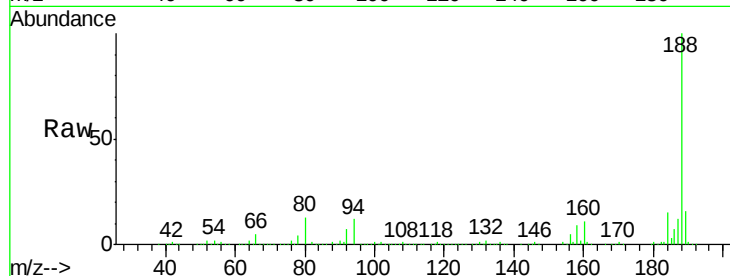




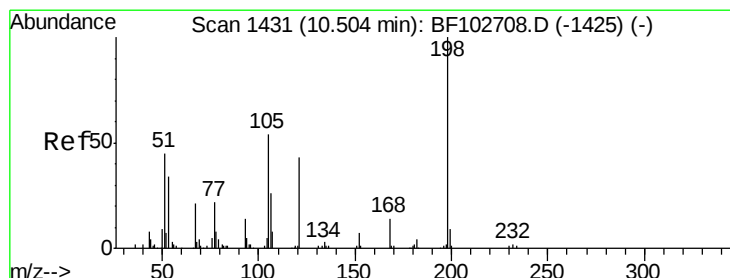
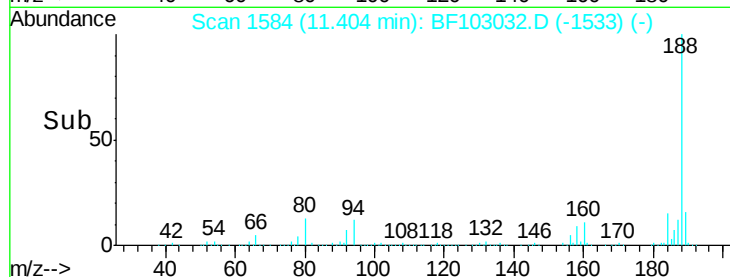
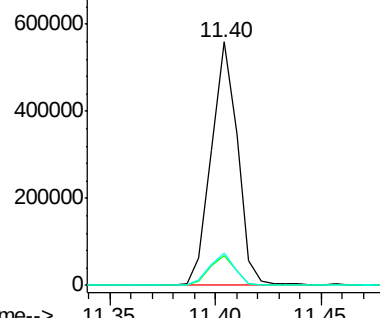
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF103032.D
Acq: 15 Feb 2018 21:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 480713
Ion Ratio Lower Upper
188 100
94 12.4 8.5 12.7
80 13.3 9.2 13.8

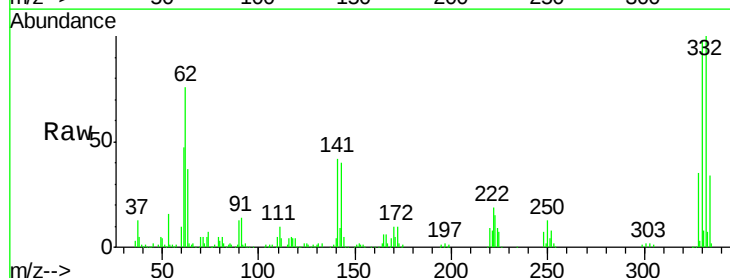


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

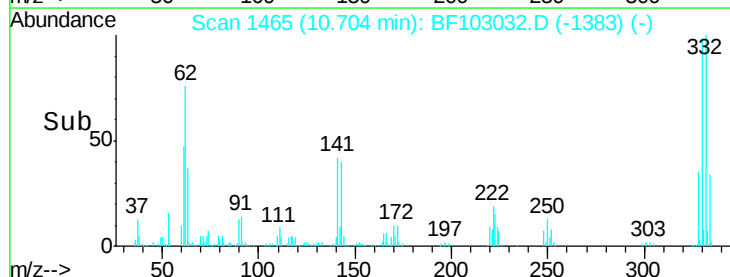
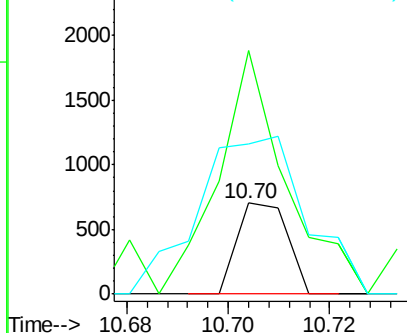


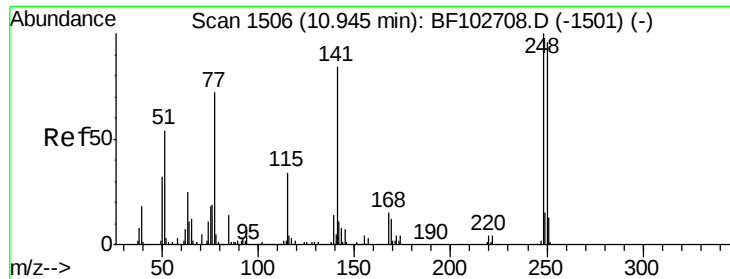
#64
4,6-Dinitro-2-methylphenol
Concen: 9.02 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.18 min
Lab File: BF103032.D
Acq: 15 Feb 2018 21:53

Tgt Ion:198 Resp: 483
Ion Ratio Lower Upper
198 100
51 268.0 37.7 77.7#
105 165.4 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

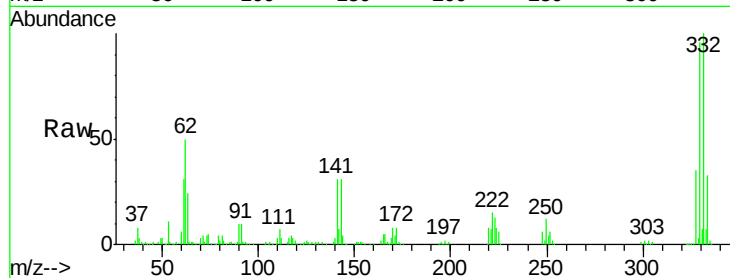




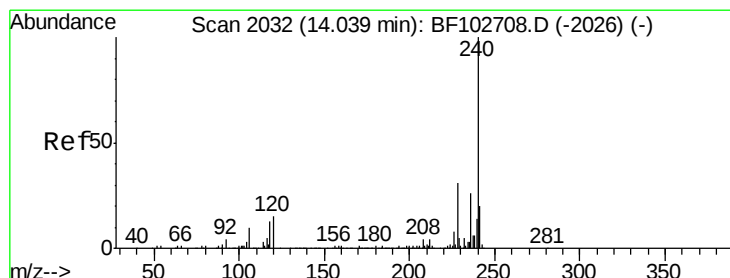
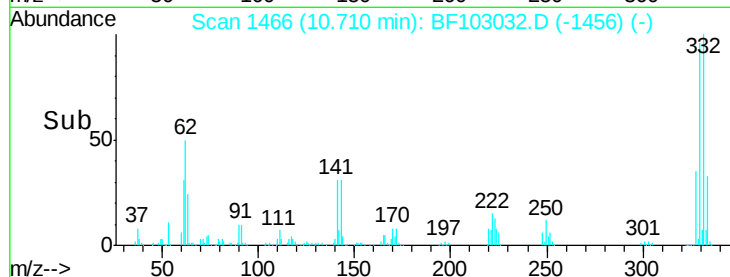
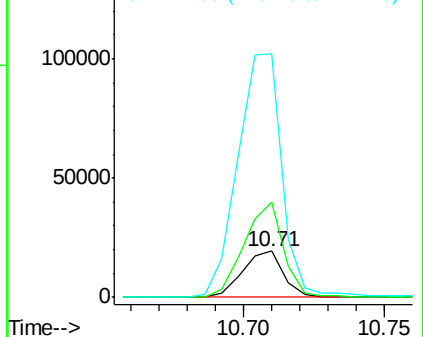
#66
4-Bromophenyl-phenylether
Concen: 3.78 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.24 min
Lab File: BF103032.D
Acq: 15 Feb 2018 21:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 19224
Ion Ratio Lower Upper
248 100
250 205.5 76.9 115.3#
141 526.4 74.4 111.6#

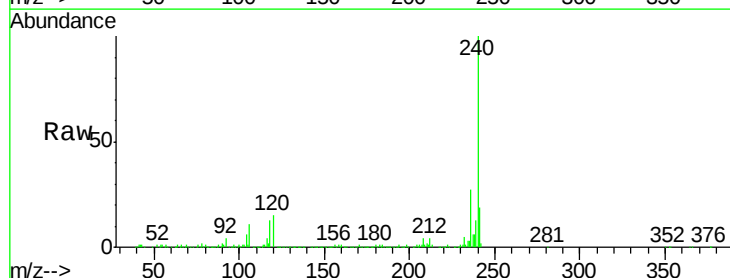


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

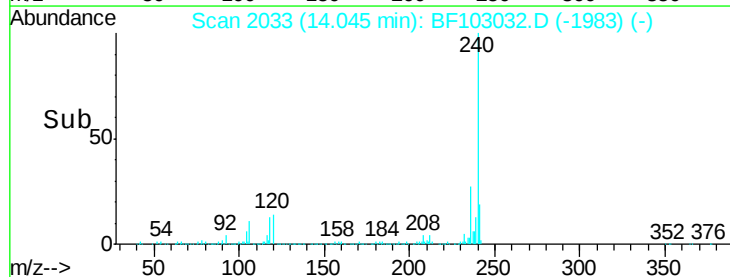
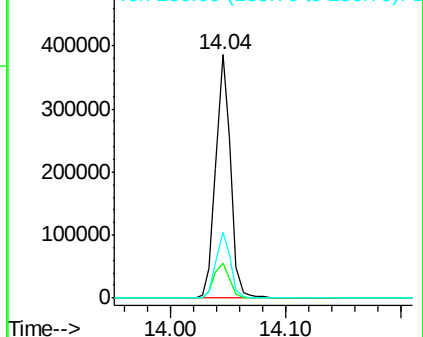


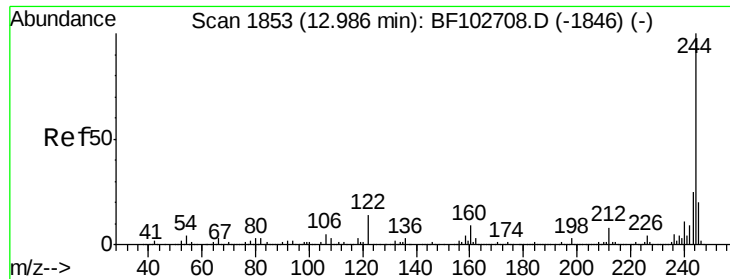
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103032.D
Acq: 15 Feb 2018 21:53

Tgt Ion:240 Resp: 342766
Ion Ratio Lower Upper
240 100
120 14.6 9.5 14.3#
236 26.9 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: 76.86 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BF103032.D

Acq: 15 Feb 2018 21:53

Instrument :

BNA_F

ClientSampleId :

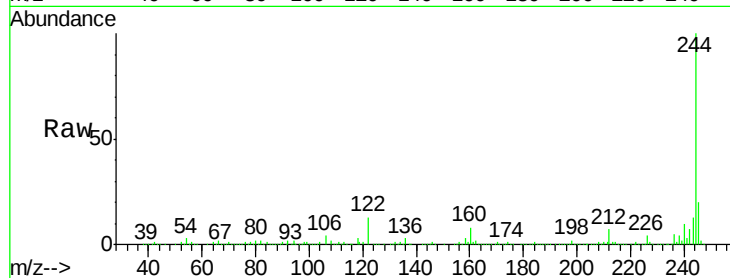
Tot Ion:244 Resp: 1112607

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

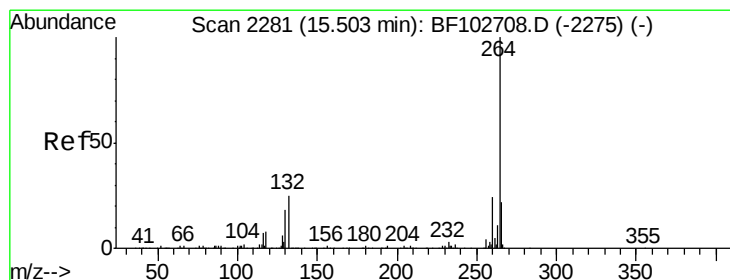
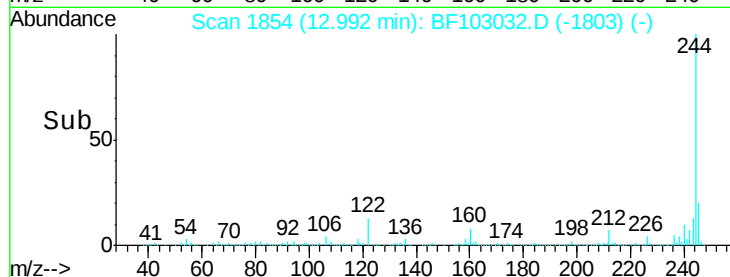
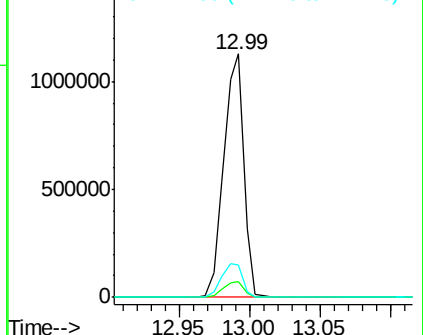
122 13.1 11.0 16.4



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: 20.00 ng

RT: 15.53 min Scan# 2285

Delta R.T. 0.00 min

Lab File: BF103032.D

Acq: 15 Feb 2018 21:53

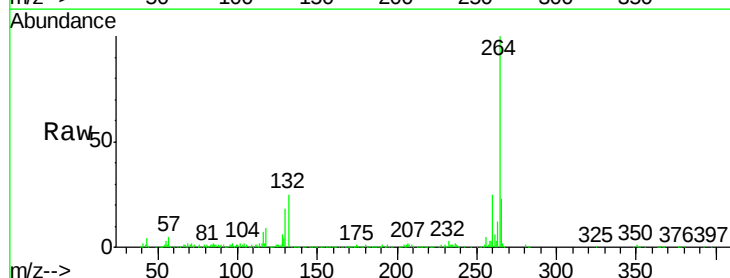
Tgt Ion:264 Resp: 283931

Ion Ratio Lower Upper

264 100

260 25.0 19.2 28.8

265 22.8 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

