

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032318\
 Data File : BF103899.D
 Acq On : 24 Mar 2018 00:30
 Operator : JU/SJ
 Sample : J2012-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 24 03:13:22 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	126791	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	472562	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	187759	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	296287	20.00	ng	0.00
75) Chrysene-d12	14.16	240	247549	20.00	ng	0.00
86) Perylene-d12	15.71	264	178194	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	356866	42.81	ng	0.00
7) Phenol-d6	6.59	99	285020	27.95	ng	0.00
23) Nitrobenzene-d5	7.54	82	720185	106.28	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	162374	100.58	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1230200	104.51	ng	0.00
78) Terphenyl-d14	13.10	244	1007183	94.44	ng	0.00

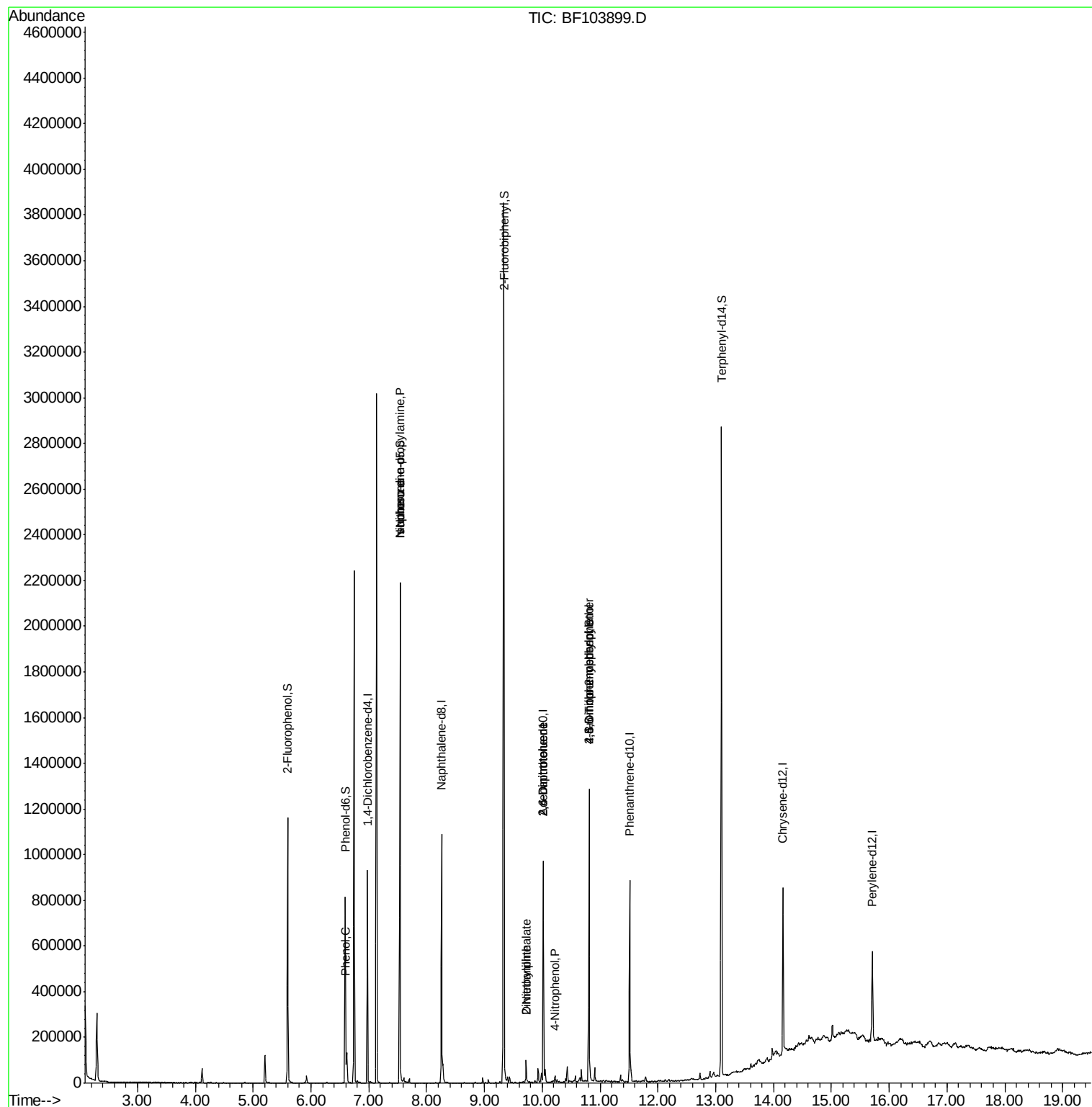
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.60	94	27107	2.501	ng	95
19) n-Nitroso-di-n-propylamine	7.54	70	92736	14.189	ng	# 72
25) Isophorone	7.54	82	720177	45.909	ng	# 64
47) 2-Nitroaniline	9.72	65	257	6.882	ng	# 1
49) Dimethylphthalate	9.72	163	40401	2.820	ng	99
50) 2,6-Dinitrotoluene	10.02	165	23970	11.916	ng	# 25
55) 4-Nitrophenol	10.22	139	3461	6.207	ng	# 9
56) 2,4-Dinitrotoluene	10.02	165	23970	12.157	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.81	198	280	8.400	ng	# 1
66) 4-Bromophenyl-phenylether	10.81	248	9546	3.138	ng	# 1

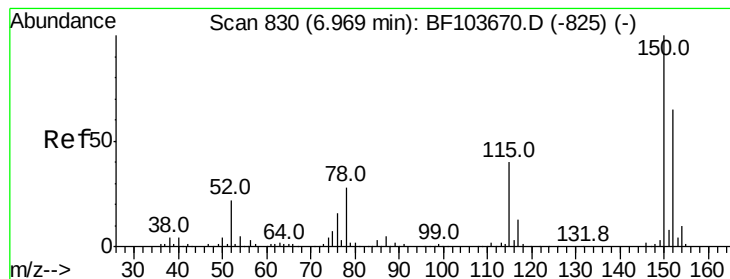
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032318\
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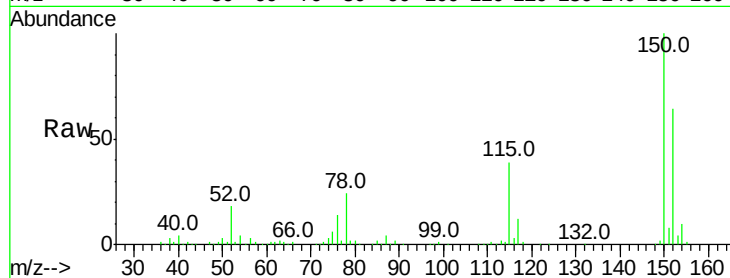


#1

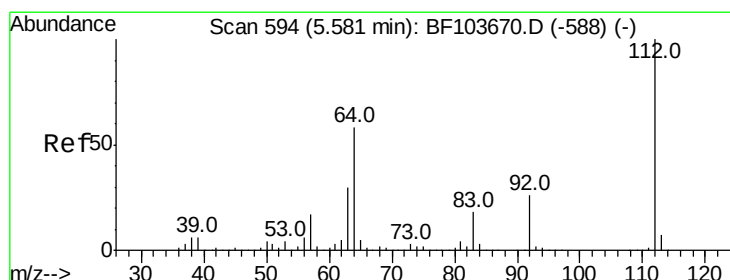
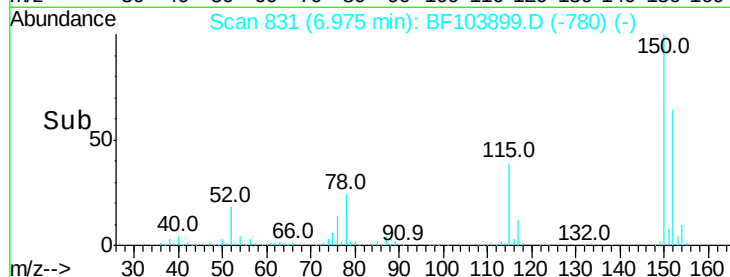
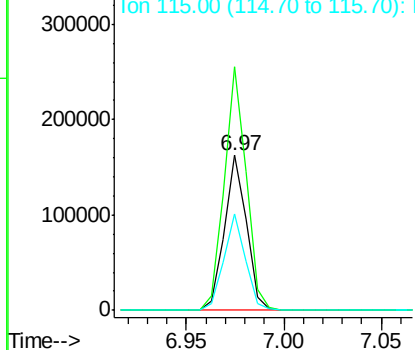
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103899.D
Acq: 24 Mar 2018 00:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 126791
Ion Ratio Lower Upper
152 100
150 157.1 124.6 186.8
115 62.0 50.1 75.1



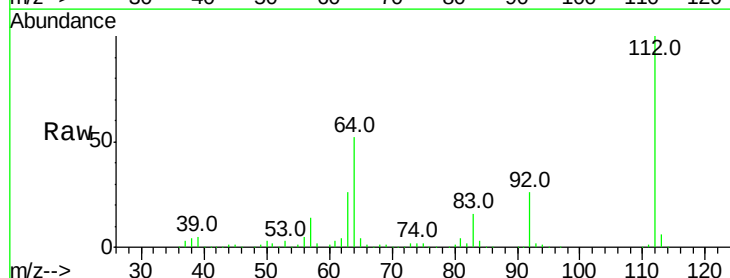
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



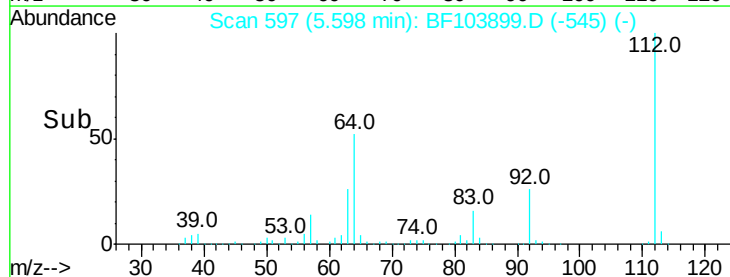
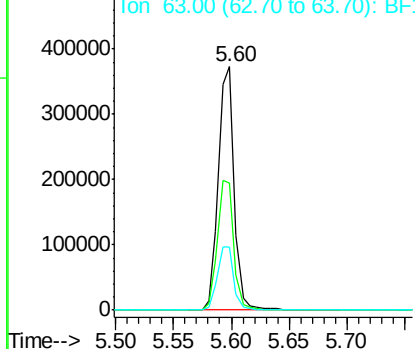
#5

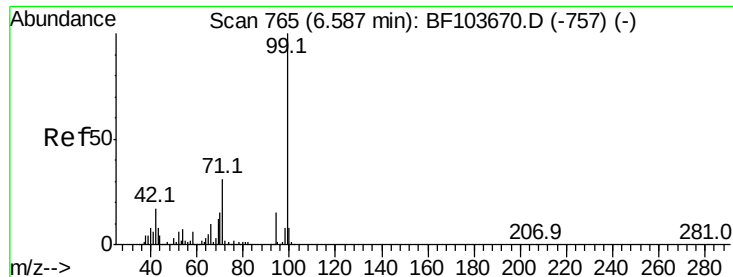
2-Fluorophenol
Concen: 42.810 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF103899.D
Acq: 24 Mar 2018 00:30

Tgt Ion:112 Resp: 356866
Ion Ratio Lower Upper
112 100
64 52.5 47.9 71.9
63 25.7 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: 27.947 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF103899.D

Acq: 24 Mar 2018 00:30

Instrument :

BNA_F

ClientSampleId :

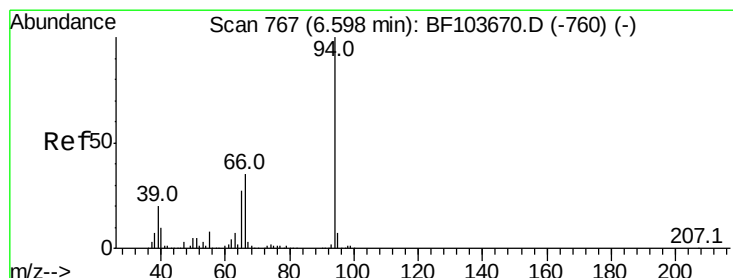
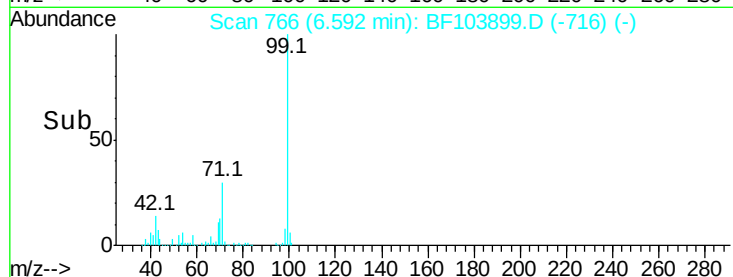
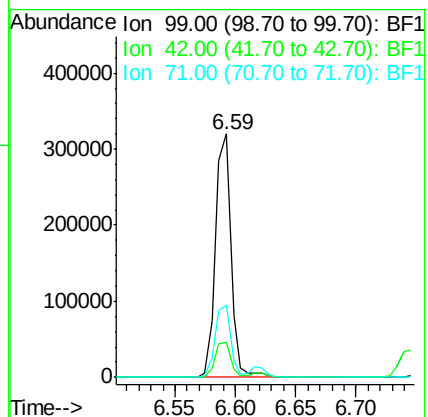
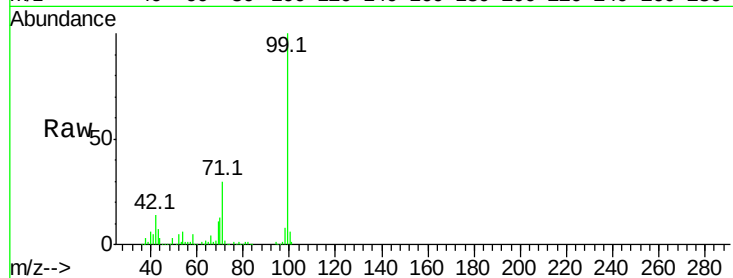
Tot Ion: 99 Resp: 285020

Ion Ratio Lower Upper

99 100

42 14.2 14.5 21.7#

71 29.7 25.4 38.0



#10

Phenol

Concen: 2.501 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF103899.D

Acq: 24 Mar 2018 00:30

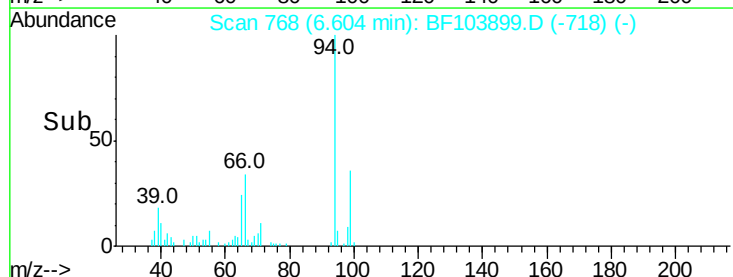
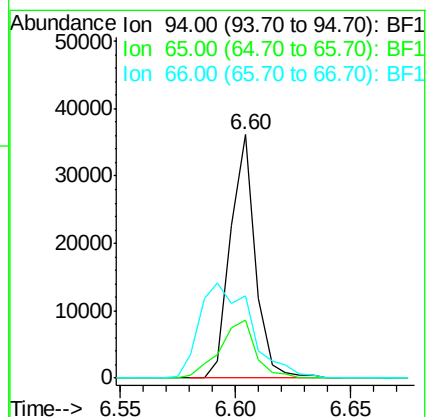
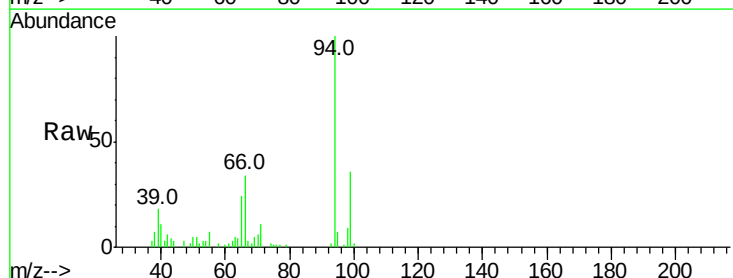
Tgt Ion: 94 Resp: 27107

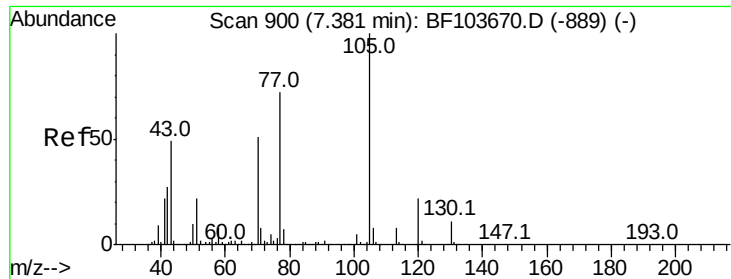
Ion Ratio Lower Upper

94 100

65 23.8 7.9 47.9

66 34.0 16.2 56.2

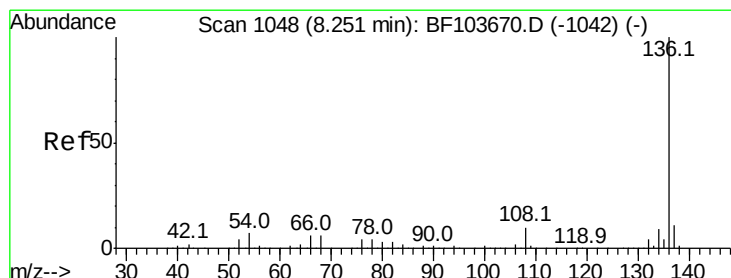
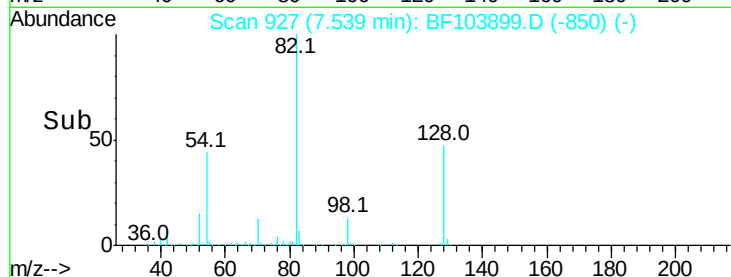
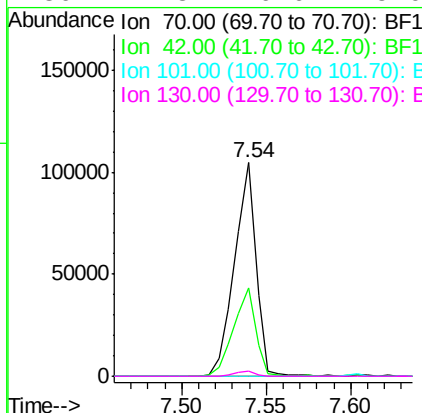
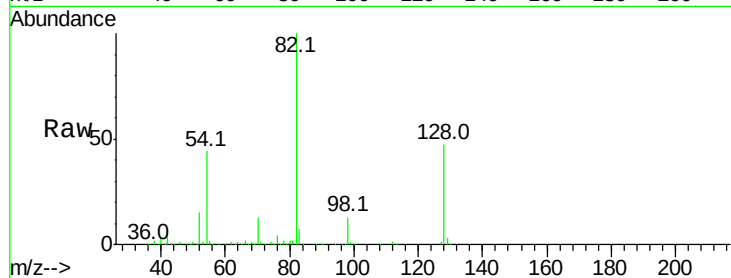




#19
n-Nitroso-di-n-propylamine
Concen: 14.189 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.15 min
Lab File: BF103899.D
Acq: 24 Mar 2018 00:30

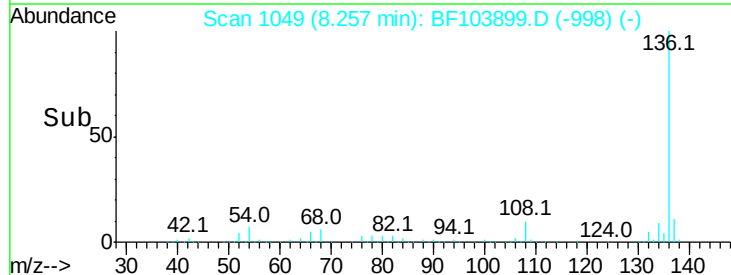
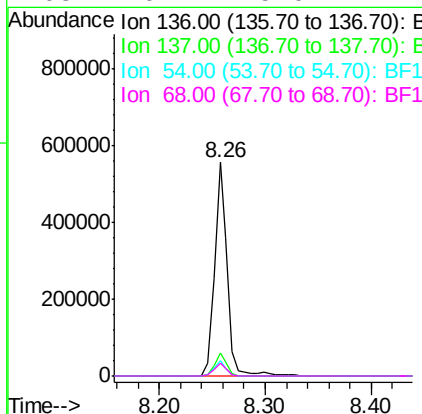
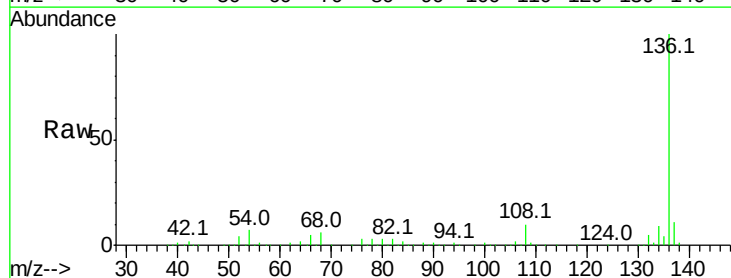
Instrument :
BNA_F
ClientSampleId :

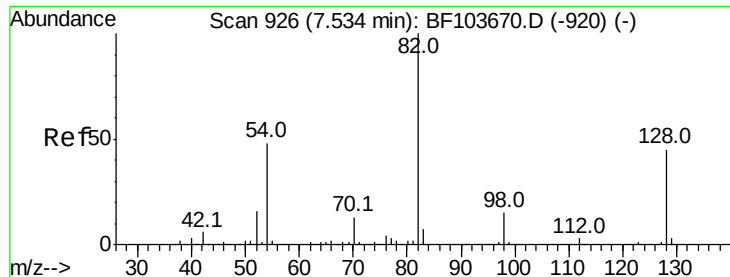
Tot Ion: 70 Resp: 92736
Ion Ratio Lower Upper
70 100
42 41.6 47.5 71.3#
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF103899.D
Acq: 24 Mar 2018 00:30

Tgt Ion:136 Resp: 472562
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 6.9 6.6 9.8
68 6.2 5.0 7.4

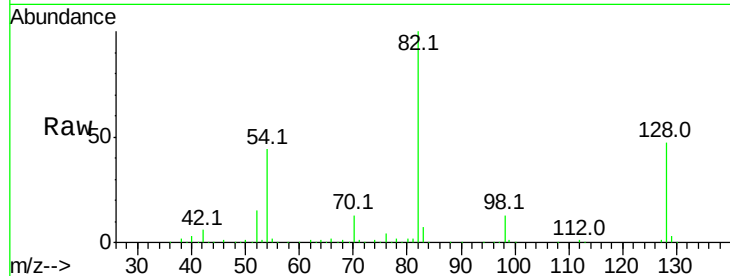




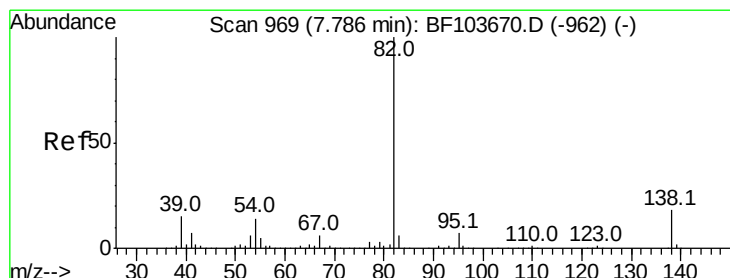
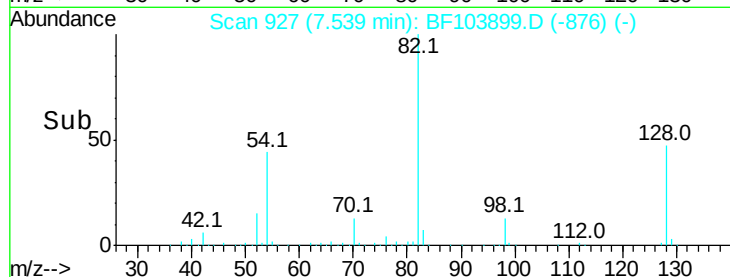
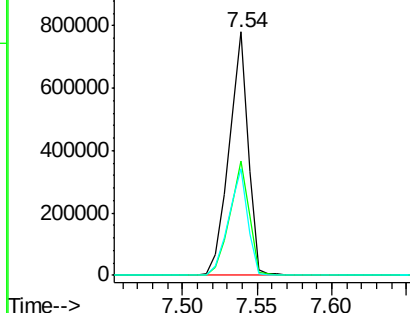
#23
Nitrobenzene-d5
Concen: 106.278 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF103899.D
Acq: 24 Mar 2018 00:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.1	36.1	54.1
54	43.9	41.4	62.2

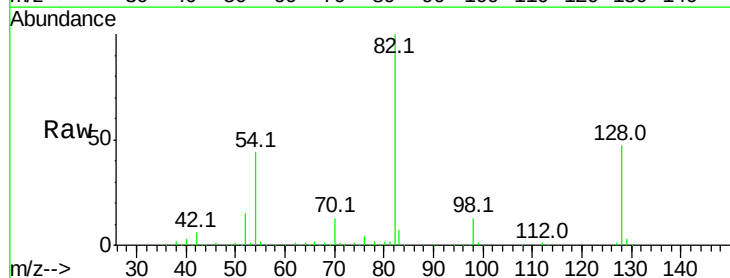


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

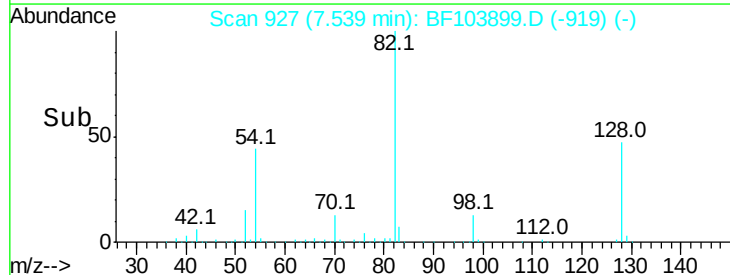
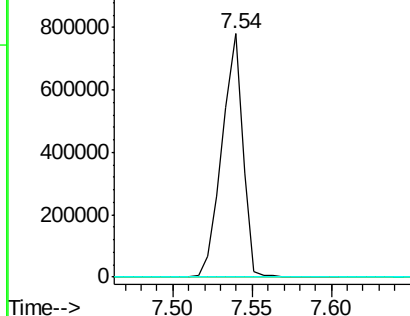


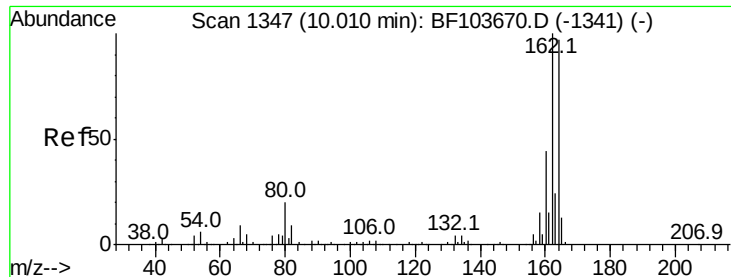
#25
Isophorone
Concen: 45.909 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.25 min
Lab File: BF103899.D
Acq: 24 Mar 2018 00:30

Tgt 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: 20.000 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF103899.D

Acq: 24 Mar 2018 00:30

Instrument :

BNA_F

ClientSampleId :

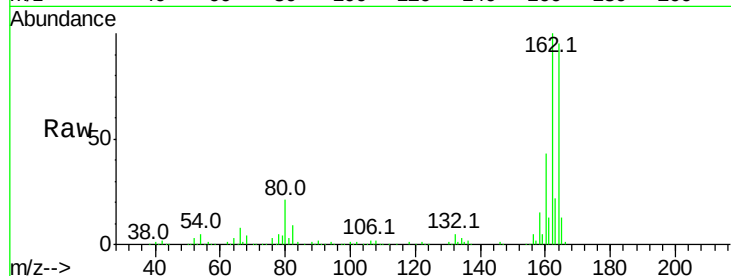
Tot Ion:164 Resp: 187759

Ion Ratio Lower Upper

164 100

162 105.1 86.1 129.1

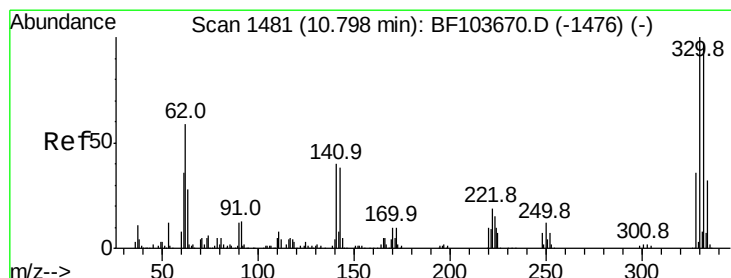
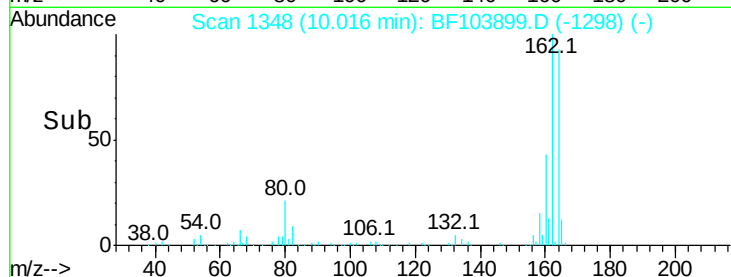
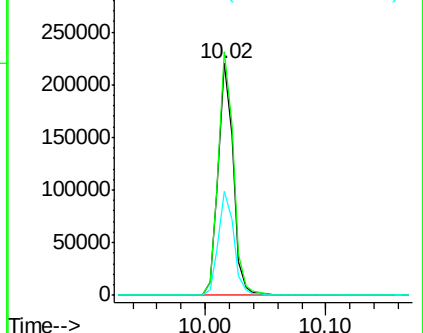
160 45.2 38.3 57.5



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: 100.581 ng

RT: 10.81 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BF103899.D

Acq: 24 Mar 2018 00:30

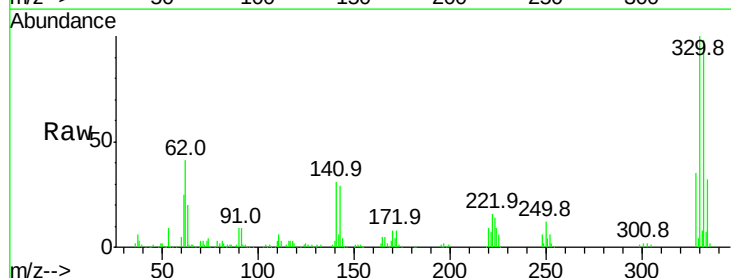
Tgt Ion:330 Resp: 162374

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

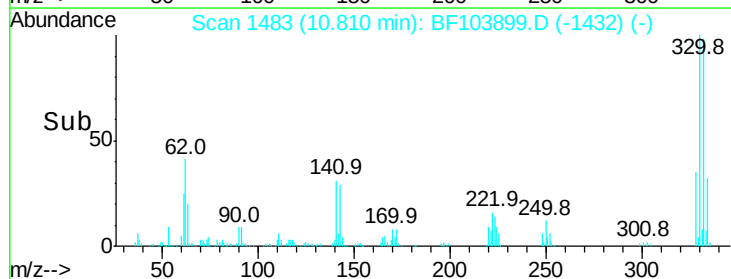
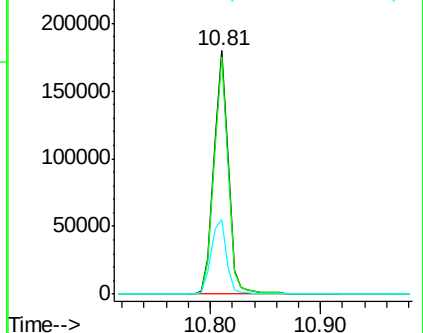
141 32.8 29.9 44.9

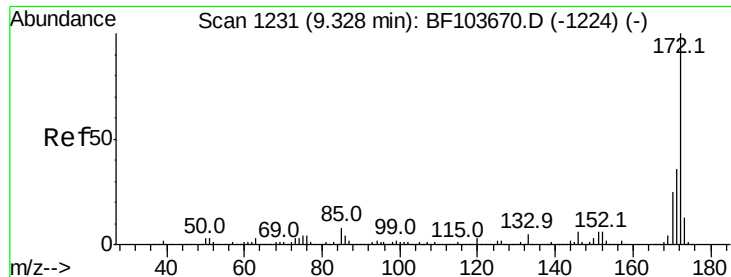


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

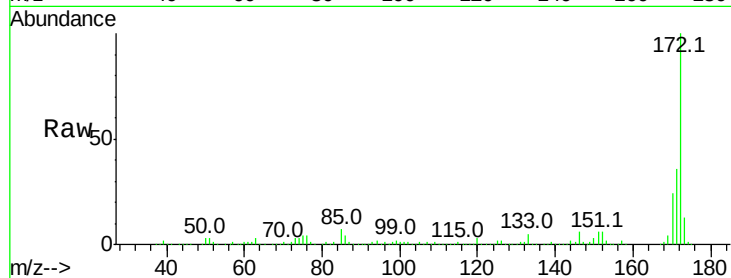




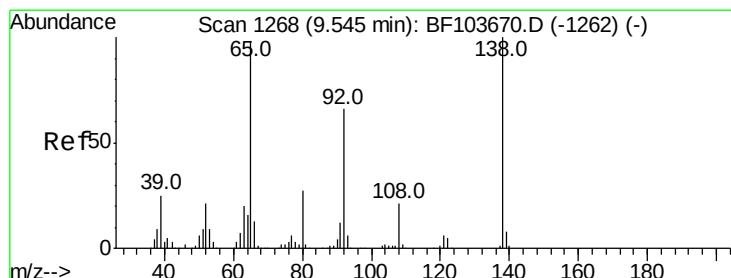
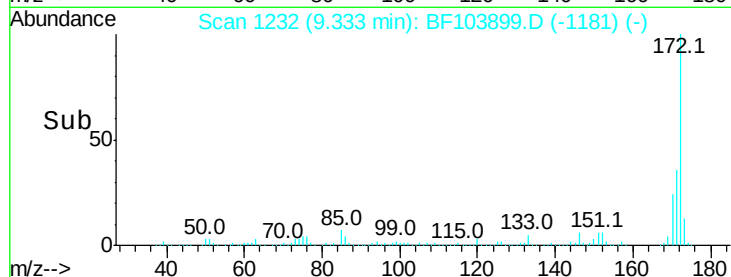
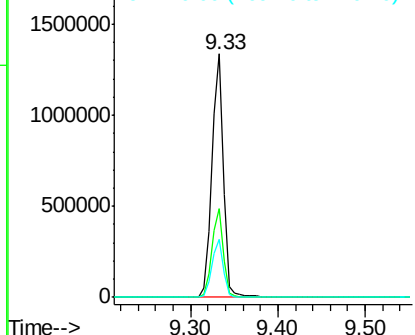
#44
2-Fluorobiphenyl
Concen: 104.514 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BF103899.D
Acq: 24 Mar 2018 00:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1230200
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 23.8 19.6 29.4

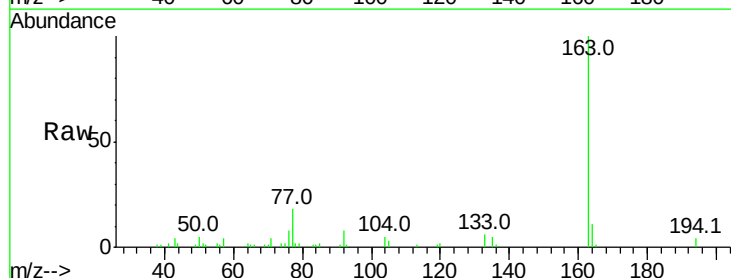


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

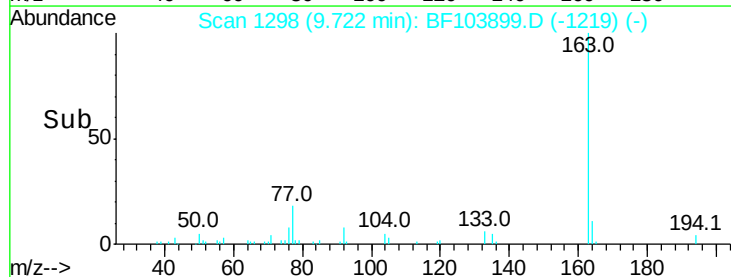
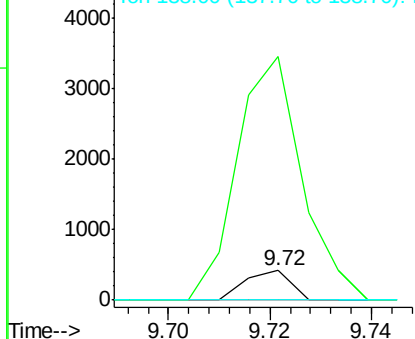


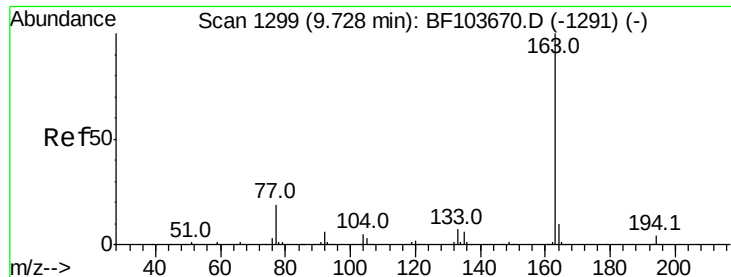
#47
2-Nitroaniline
Concen: 6.882 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.16 min
Lab File: BF103899.D
Acq: 24 Mar 2018 00:30

Tgt Ion: 65 Resp: 257
Ion Ratio Lower Upper
65 100
92 833.3 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

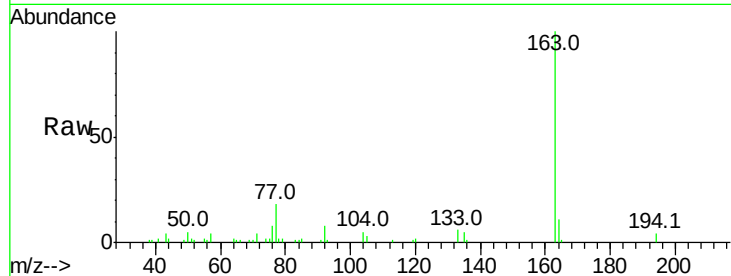




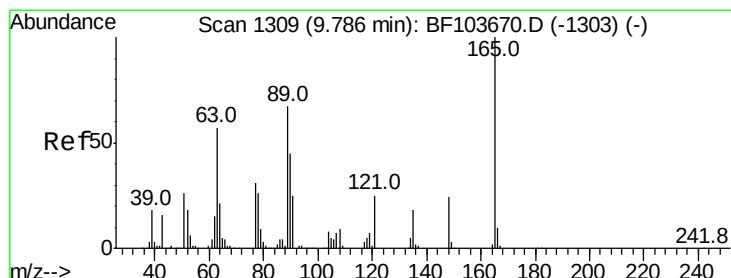
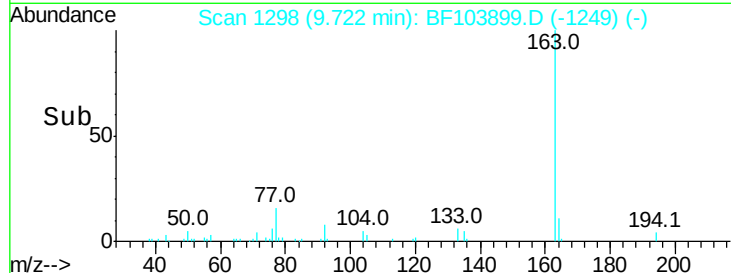
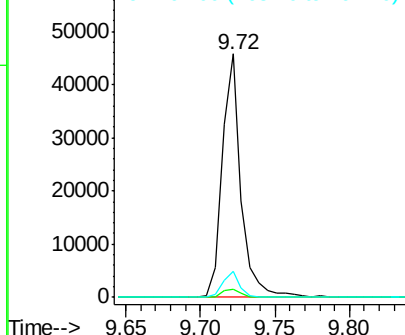
#49
 Dimethylphthalate
 Concen: 2.820 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF103899.D
 Acq: 24 Mar 2018 00:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.7	8.2	12.2

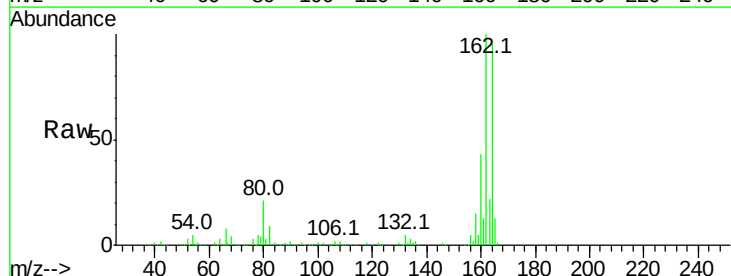


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

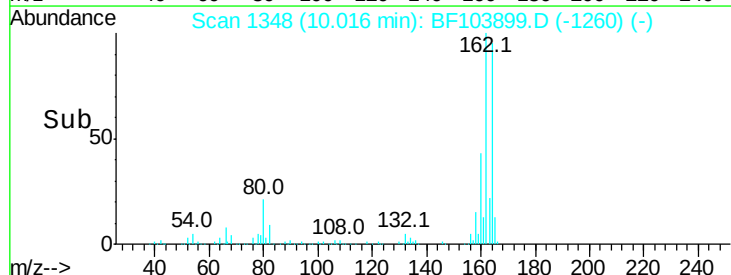
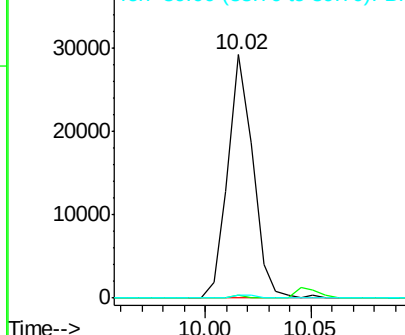


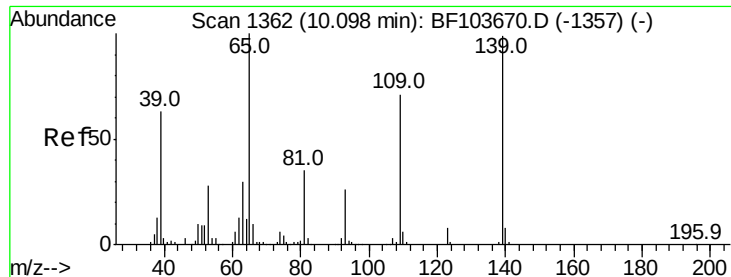
#50
 2,6-Dinitrotoluene
 Concen: 11.916 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. 0.22 min
 Lab File: BF103899.D
 Acq: 24 Mar 2018 00:30

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: 6.207 ng

RT: 10.22 min Scan# 1383

Delta R.T. 0.10 min

Lab File: BF103899.D

Acq: 24 Mar 2018 00:30

Instrument :

BNA_F

ClientSampled :

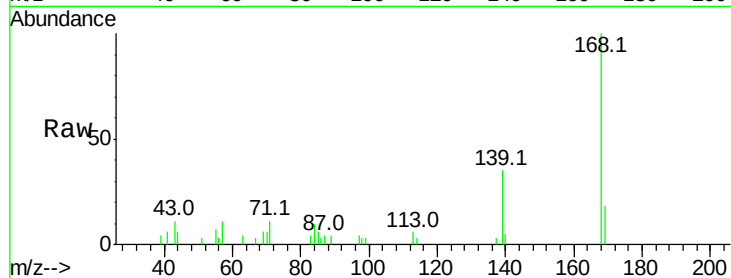
Tot Ion:139 Resp: 3461

Ion Ratio Lower Upper

139 100

109 0.0 48.4 88.4#

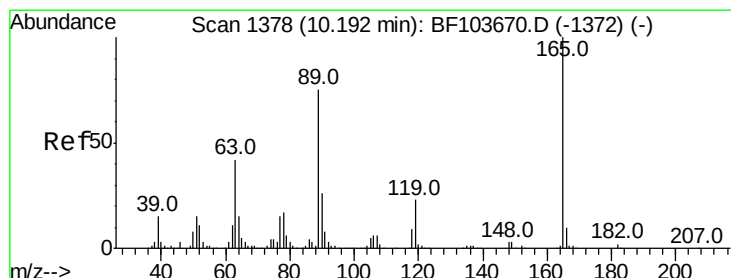
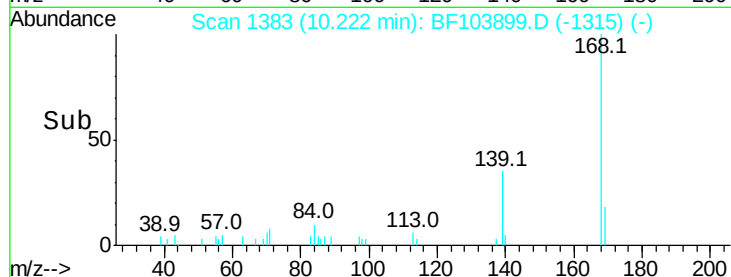
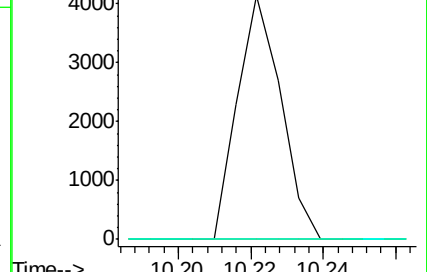
65 0.0 72.6 112.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 12.157 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.19 min

Lab File: BF103899.D

Acq: 24 Mar 2018 00:30

Tgt Ion:165 Resp: 23970

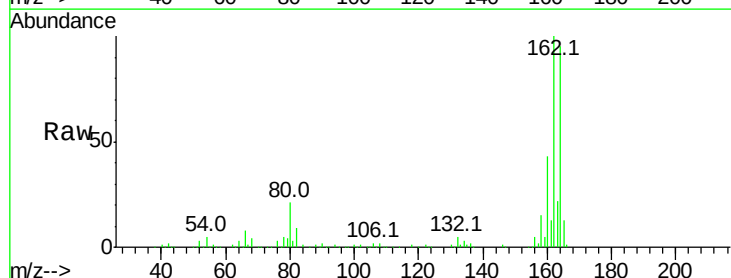
Ion Ratio Lower Upper

165 100

63 1.2 36.4 54.6#

89 1.5 57.8 86.6#

182 0.0 1.6 2.4#

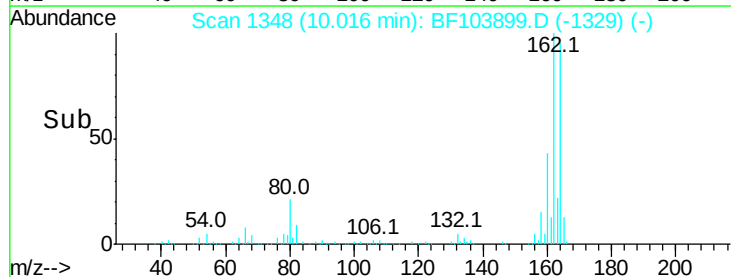
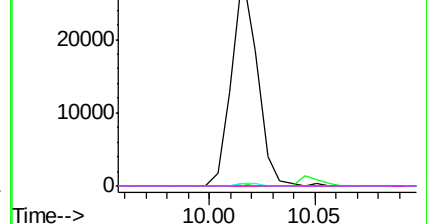


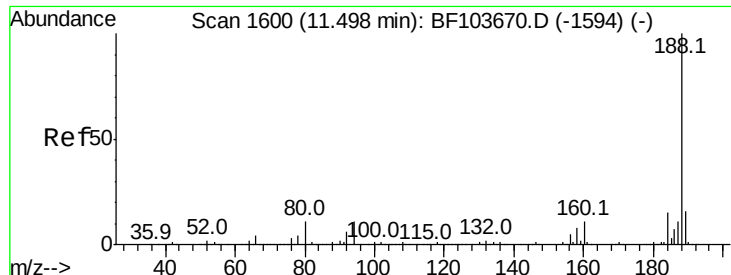
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

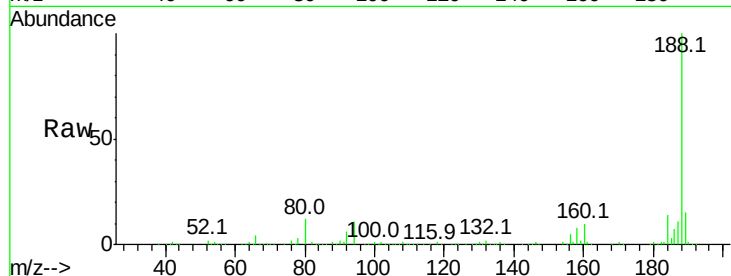




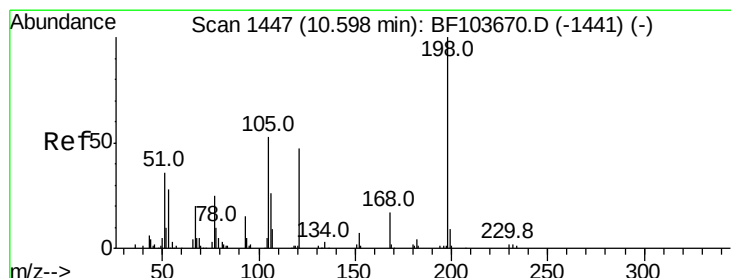
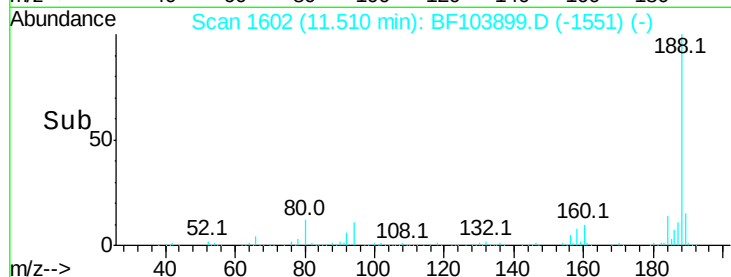
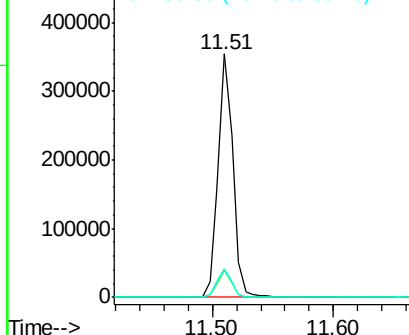
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. -0.00 min
 Lab File: BF103899.D
 Acq: 24 Mar 2018 00:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 296287
 Ion Ratio Lower Upper
 188 100
 94 11.1 8.5 12.7
 80 11.7 9.2 13.8

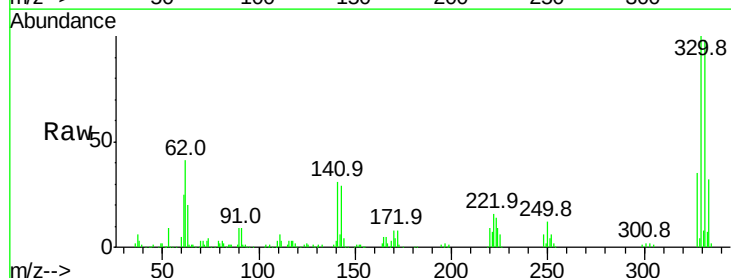


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

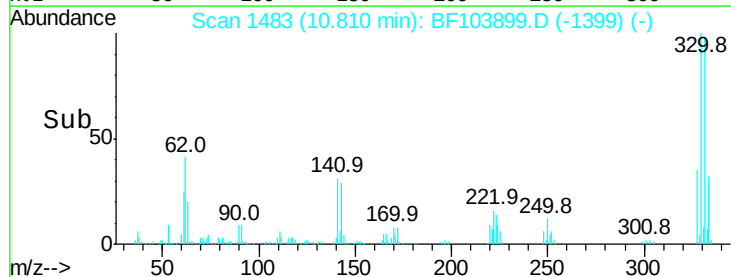
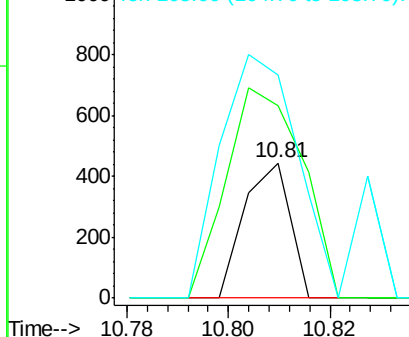


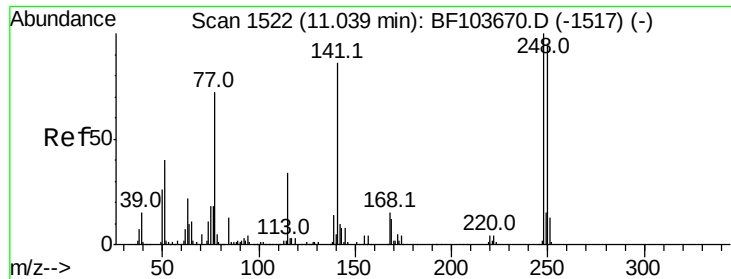
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.400 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. 0.19 min
 Lab File: BF103899.D
 Acq: 24 Mar 2018 00:30

Tgt Ion:198 Resp: 280
 Ion Ratio Lower Upper
 198 100
 51 142.8 37.7 77.7#
 105 165.3 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

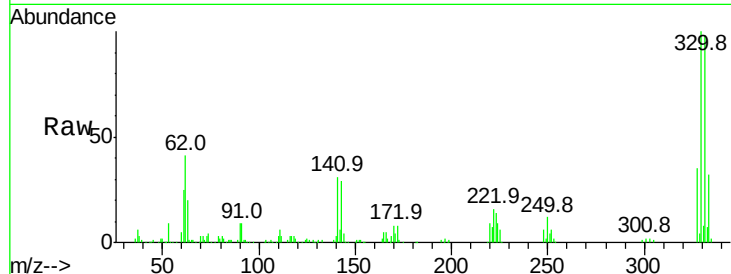




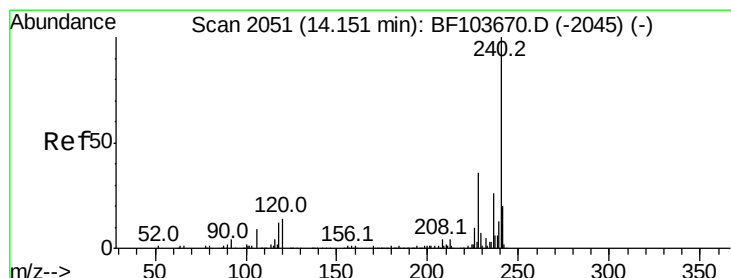
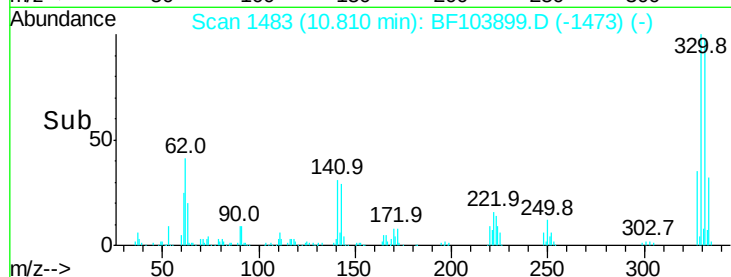
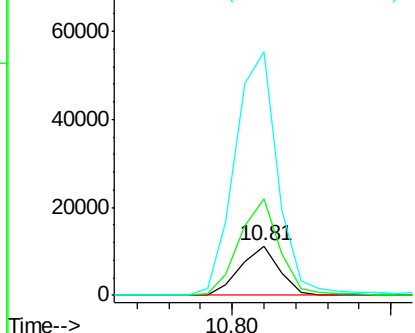
#66
4-Bromophenyl-phenylether
Concen: 3.138 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.24 min
Lab File: BF103899.D
Acq: 24 Mar 2018 00:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 9546
Ion Ratio Lower Upper
248 100
250 196.1 76.9 115.3#
141 492.4 74.4 111.6#

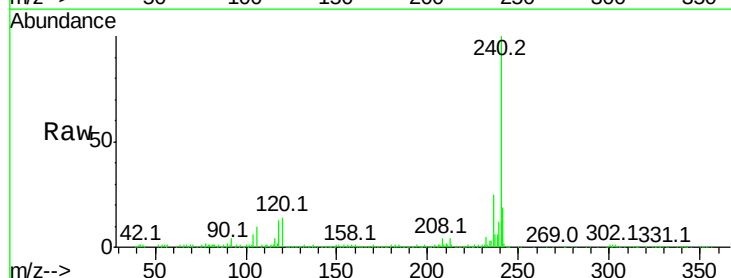


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

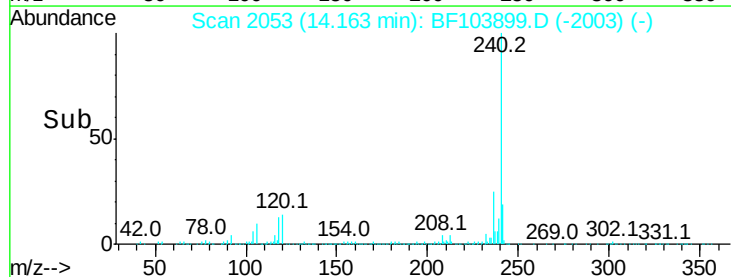
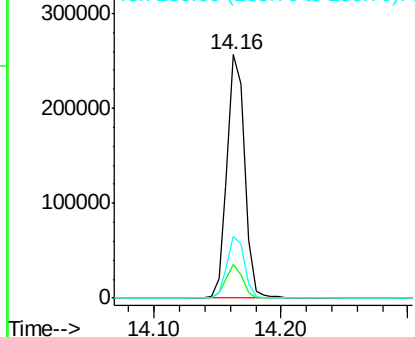


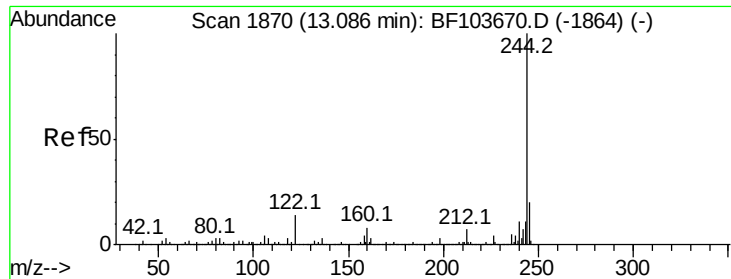
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BF103899.D
Acq: 24 Mar 2018 00:30

Tgt Ion:240 Resp: 247549
Ion Ratio Lower Upper
240 100
120 13.7 9.5 14.3
236 25.3 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: 94.439 ng

RT: 13.10 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BF103899.D

Acq: 24 Mar 2018 00:30

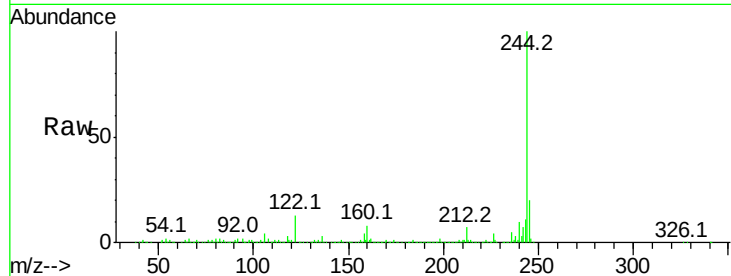
Instrument :

BNA_F

ClientSampled :

Tot Ion:244 Resp: 1007183

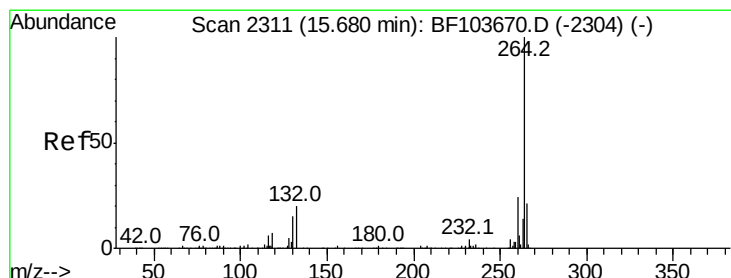
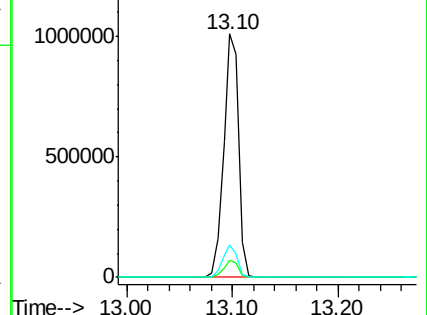
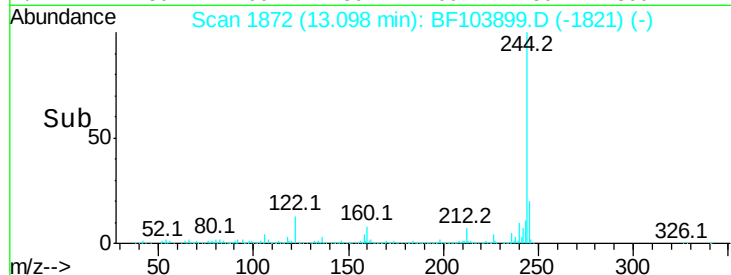
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.4	11.0	16.4



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: 15.71 min Scan# 2316

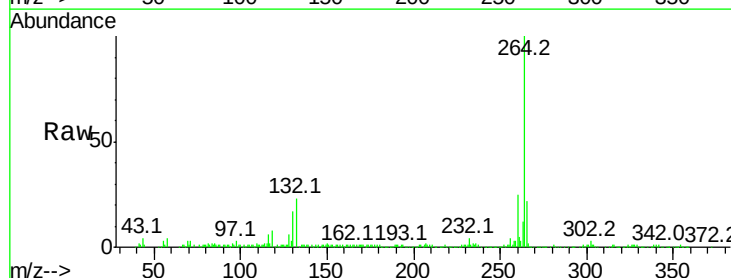
Delta R.T. -0.00 min

Lab File: BF103899.D

Acq: 24 Mar 2018 00:30

Tgt Ion:264 Resp: 178194

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	22.5	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

