

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
 Data File : BF098879.D
 Acq On : 27 Sep 2017 22:56
 Operator : SJ/JU
 Sample : I5386-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 28 01:55:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

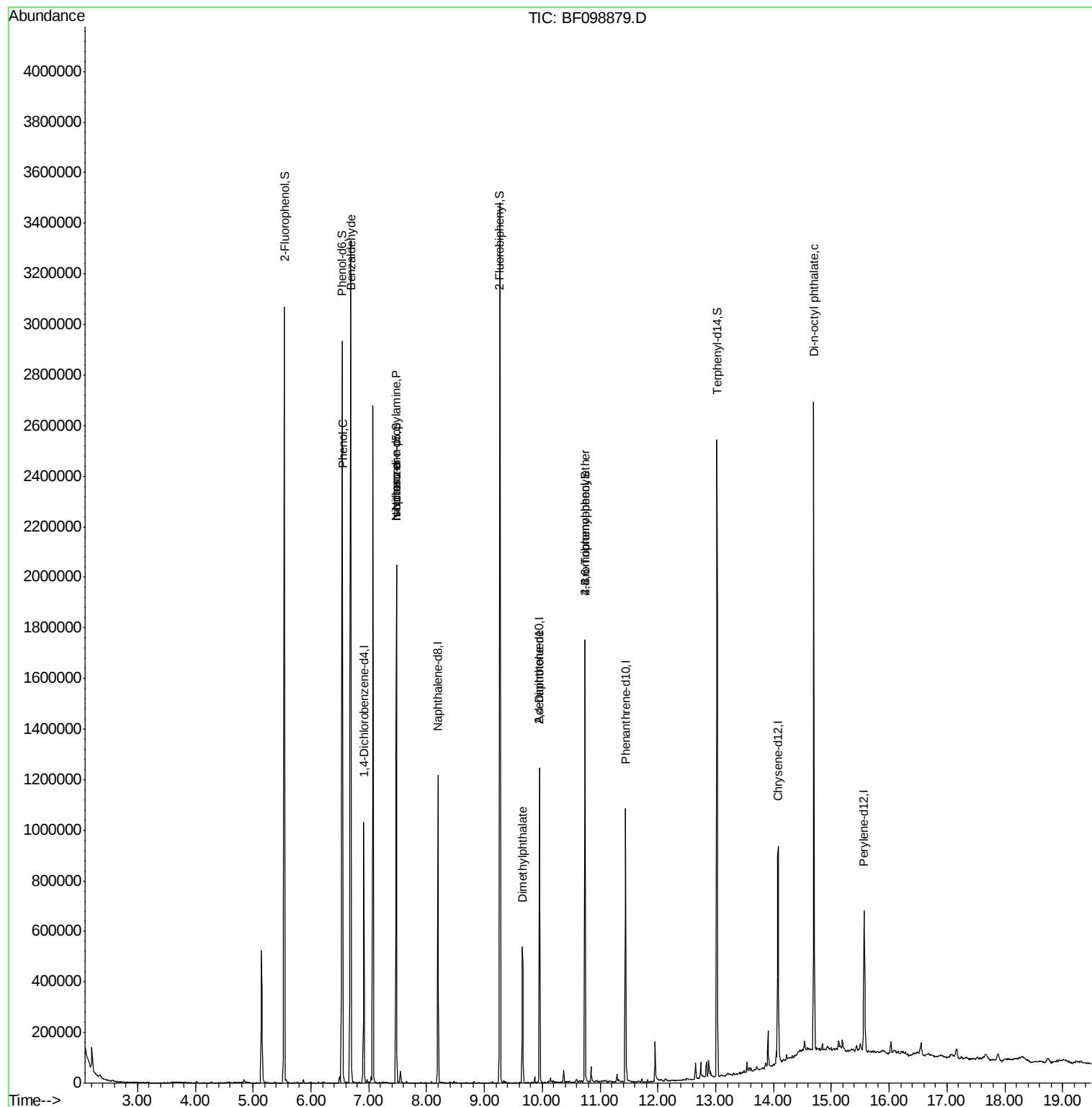
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	137061	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	550872	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	225549	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	335546	20.00	ng	0.00
75) Chrysene-d12	14.08	240	276864	20.00	ng	0.00
86) Perylene-d12	15.57	264	233950	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	945551	109.82	ng	0.00
7) Phenol-d6	6.54	99	1147303	108.02	ng	0.00
23) Nitrobenzene-d5	7.47	82	683759	79.60	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	173856	94.20	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	1141109	84.46	ng	-0.01
78) Terphenyl-d14	13.02	244	761608	62.56	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.69	77	20075	3.26	ng	Qvalue 90
10) Phenol	6.55	94	32326	2.72	ng	99
19) n-Nitroso-di-n-propylamine	7.47	70	91117	13.44	ng	# 77
25) Isophorone	7.47	82	682780	38.45	ng	# 64
49) Dimethylphthalate	9.66	163	210885	12.39	ng	100
56) 2,4-Dinitrotoluene	9.95	165	28858	6.00	ng	# 23
66) 4-Bromophenyl-phenylether	10.74	248	11933	3.63	ng	# 1
84) Di-n-octyl phthalate	14.70	149	239926	10.91	ng	# 53

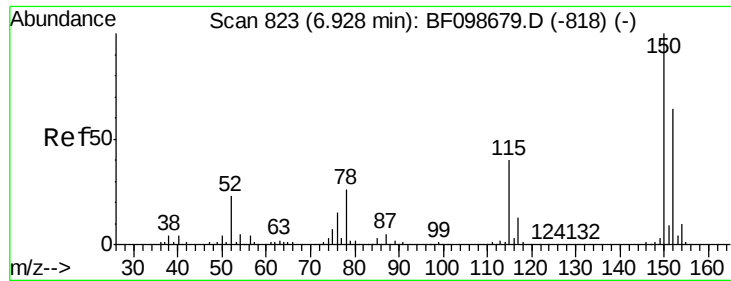
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

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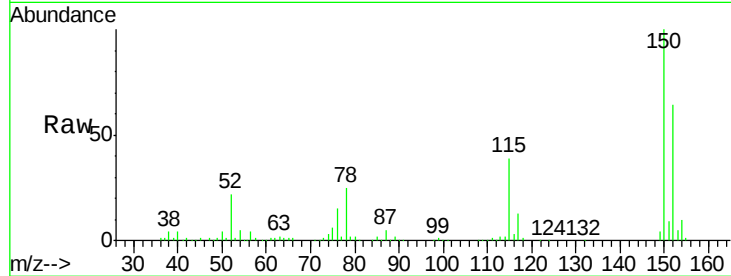


#1

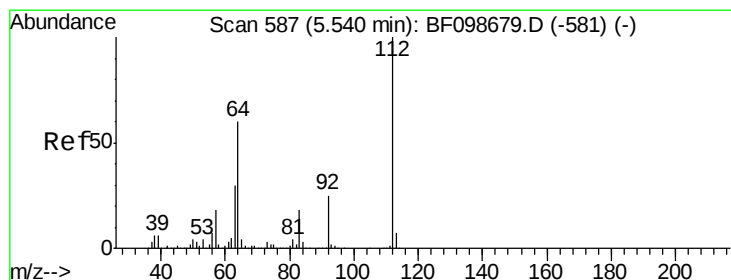
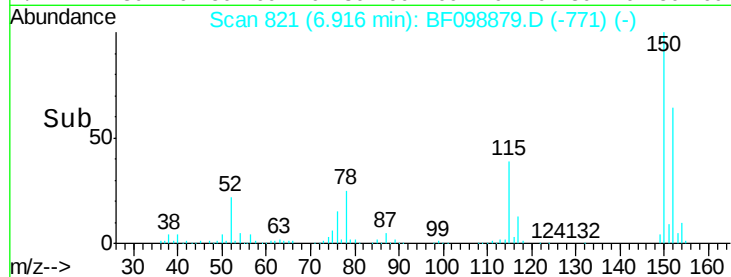
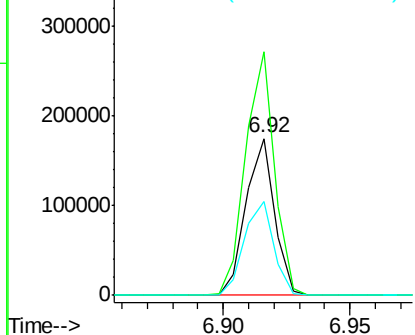
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098879.D
Acq: 27 Sep 2017 22:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 137061
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 60.1 50.1 75.1



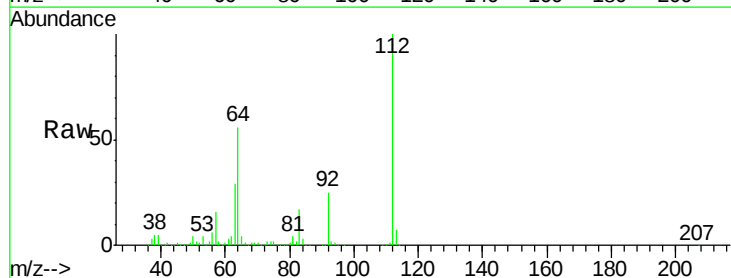
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



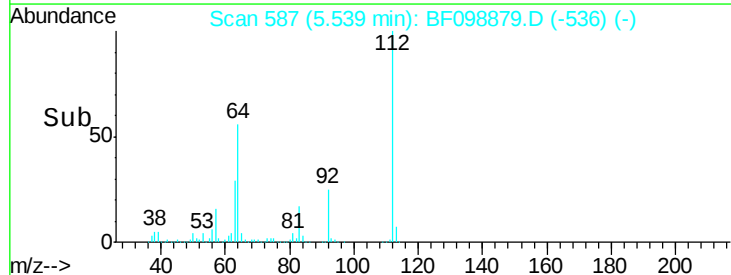
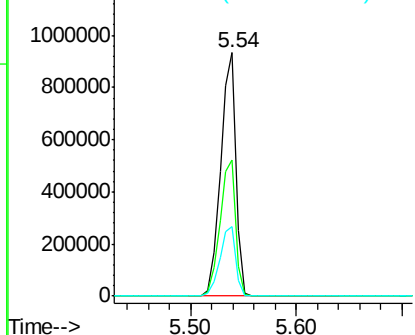
#5

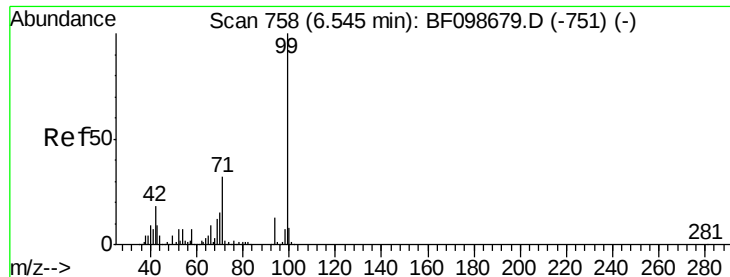
2-Fluorophenol
Concen: 109.82 ng
RT: 5.54 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF098879.D
Acq: 27 Sep 2017 22:56

Tgt Ion:112 Resp: 945551
Ion Ratio Lower Upper
112 100
64 55.7 47.9 71.9
63 28.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 108.02 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098879.D

Acq: 27 Sep 2017 22:56

Instrument :

BNA_F

ClientSampled :

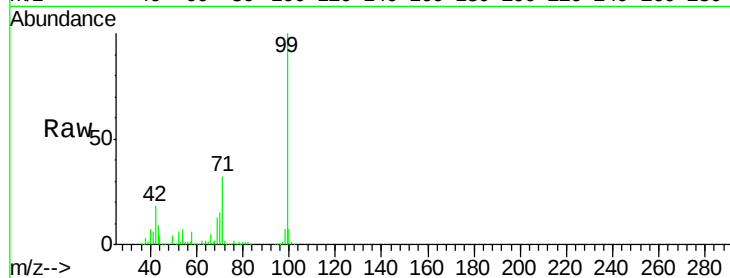
Tot Ion: 99 Resp: 1147303

Ion Ratio Lower Upper

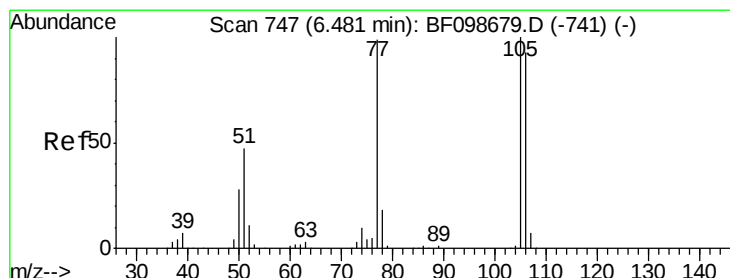
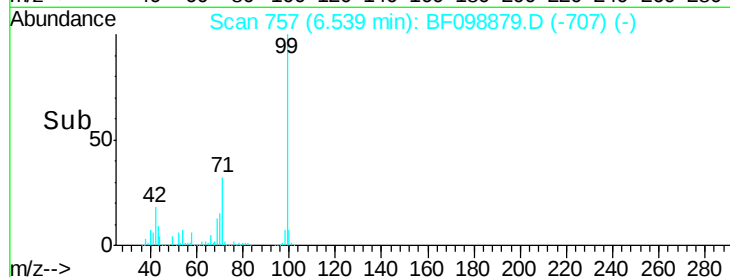
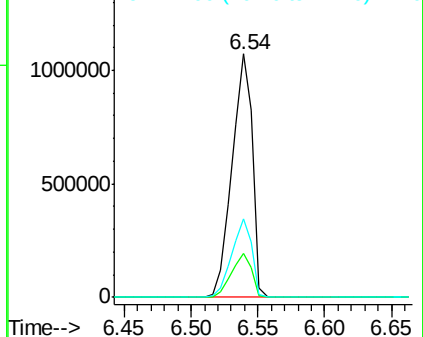
99 100

42 17.8 14.5 21.7

71 32.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 3.26 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.21 min

Lab File: BF098879.D

Acq: 27 Sep 2017 22:56

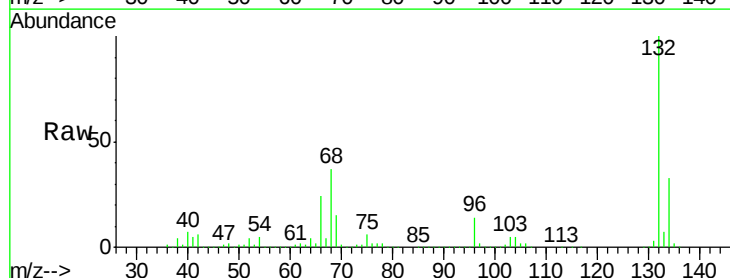
Tgt Ion: 77 Resp: 20075

Ion Ratio Lower Upper

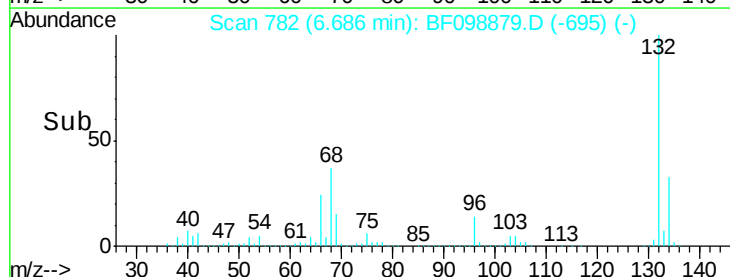
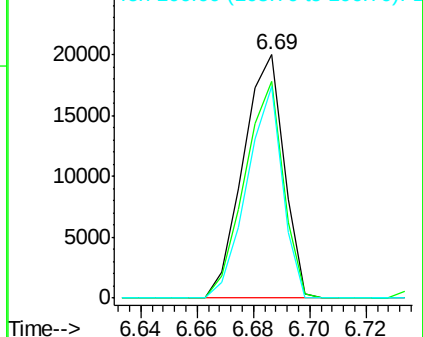
77 100

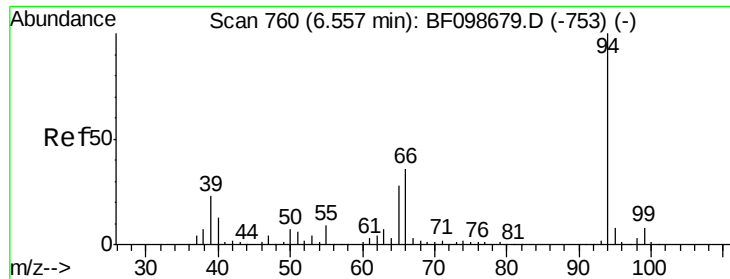
105 88.8 81.1 121.1

106 87.0 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0





#10

Phenol

Concen: 2.72 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF098879.D

Acq: 27 Sep 2017 22:56

Instrument :

BNA_F

ClientSampleId :

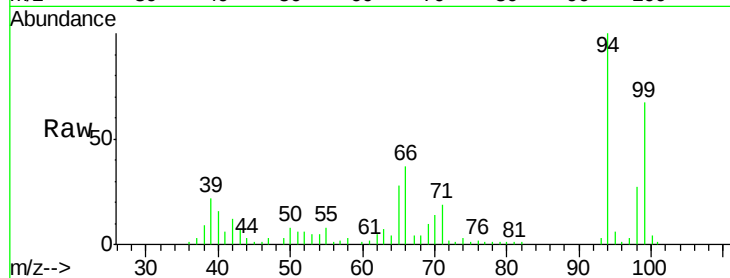
Tot Ion: 94 Resp: 32326

Ion Ratio Lower Upper

94 100

65 28.0 7.9 47.9

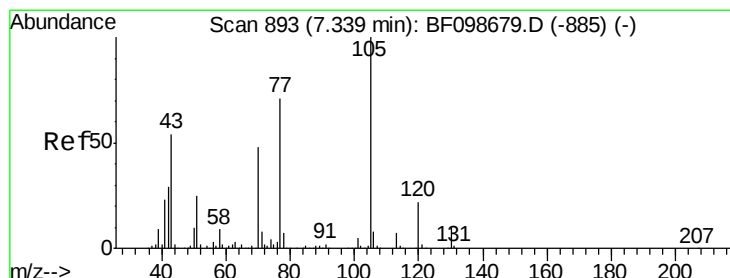
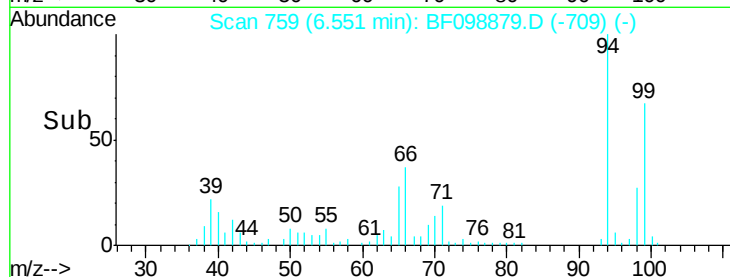
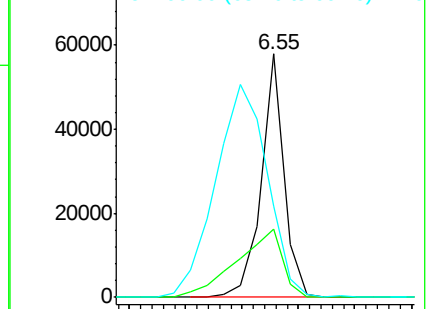
66 37.3 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 13.44 ng

RT: 7.47 min Scan# 916

Delta R.T. 0.14 min

Lab File: BF098879.D

Acq: 27 Sep 2017 22:56

Tgt Ion: 70 Resp: 91117

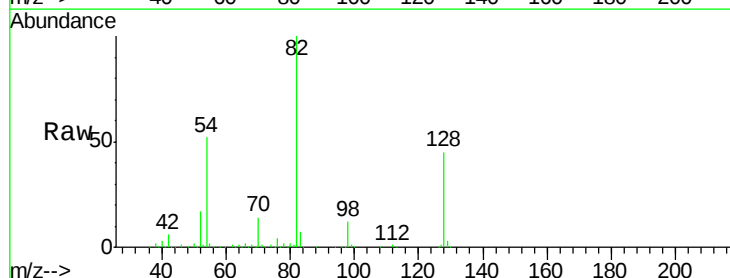
Ion Ratio Lower Upper

70 100

42 46.7 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

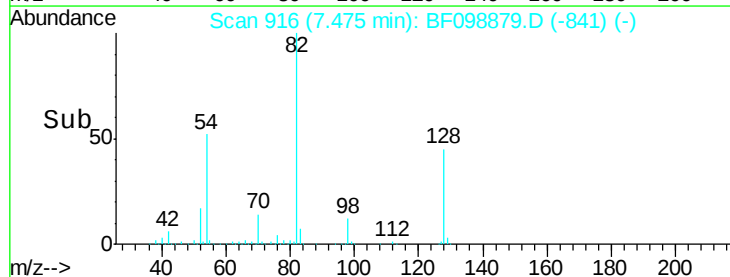
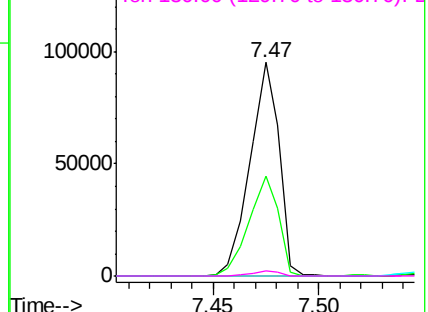


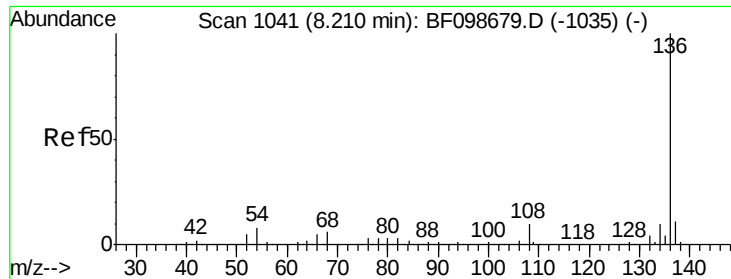
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

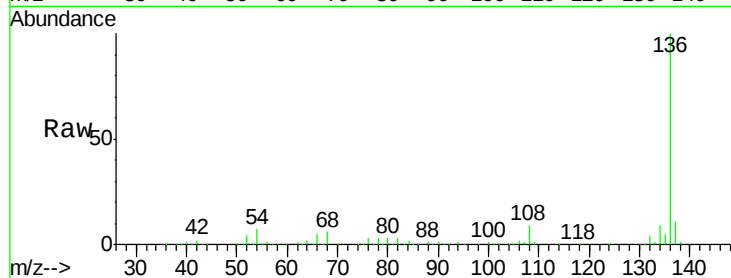




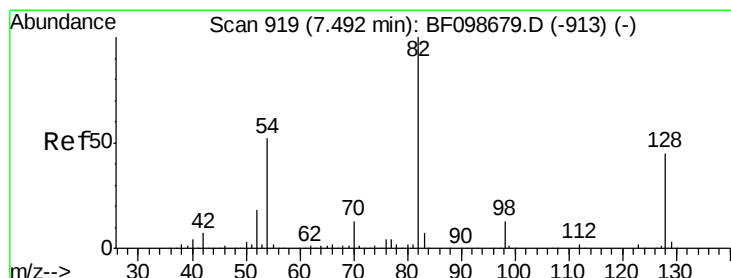
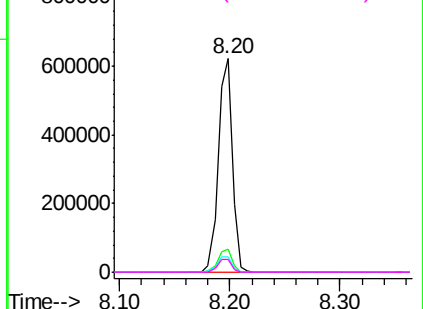
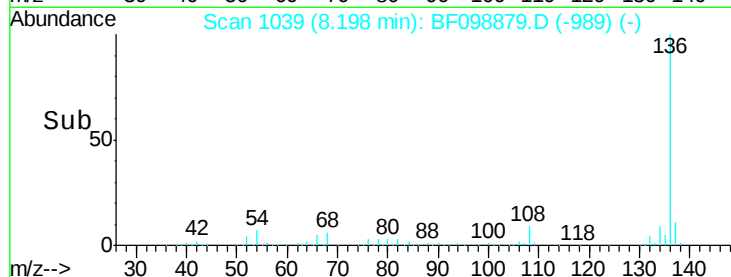
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098879.D
Acq: 27 Sep 2017 22:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	550872
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.9 13.3
54	7.1	6.6 9.8
68	5.8	5.0 7.4

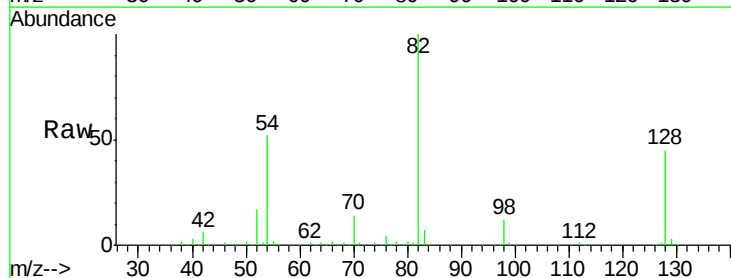


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

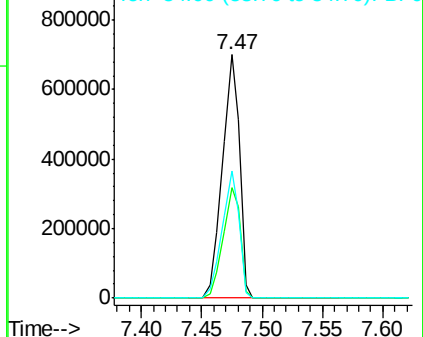
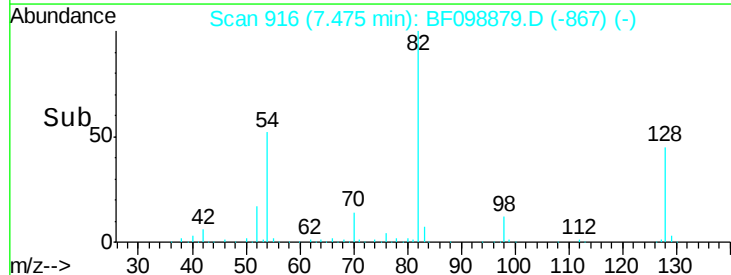


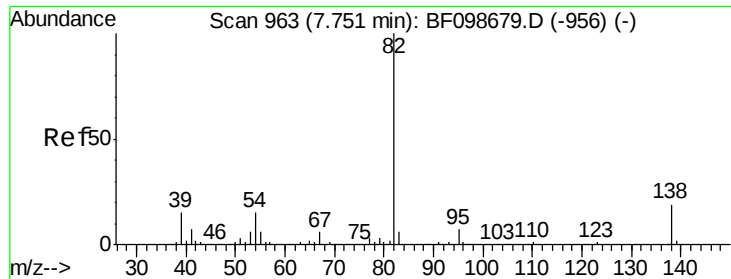
#23
Nitrobenzene-d5
Concen: 79.60 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF098879.D
Acq: 27 Sep 2017 22:56

Tgt Ion: 82	Resp:	683759
Ion Ratio	Lower	Upper
82	100	
128	45.4	36.1 54.1
54	52.4	41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 38.45 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.27 min

Lab File: BF098879.D

Acq: 27 Sep 2017 22:56

Instrument :

BNA_F

ClientSampleId :

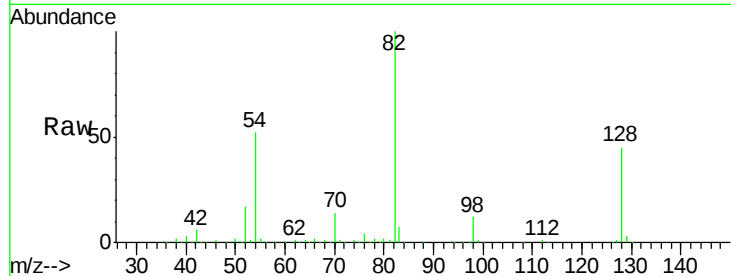
Tot Ion: 82 Resp: 682780

Ion Ratio Lower Upper

82 100

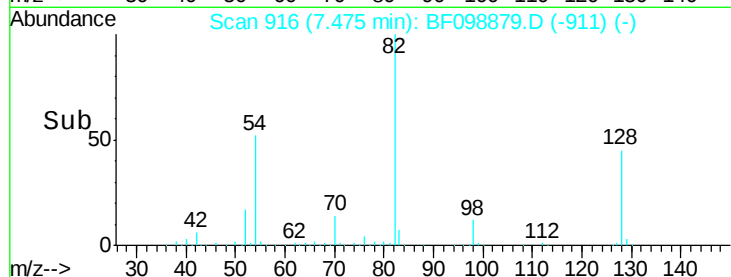
95 0.0 5.2 7.8#

138 0.0 14.9 22.3#

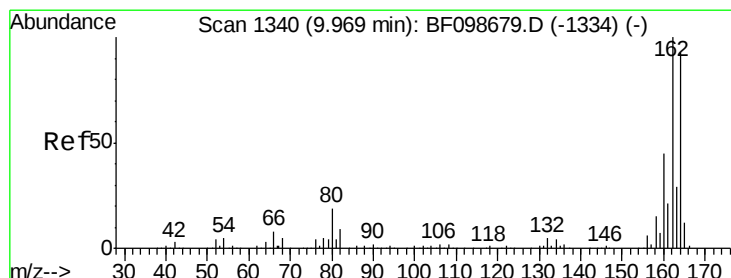


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

7.47



Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF098879.D

Acq: 27 Sep 2017 22:56

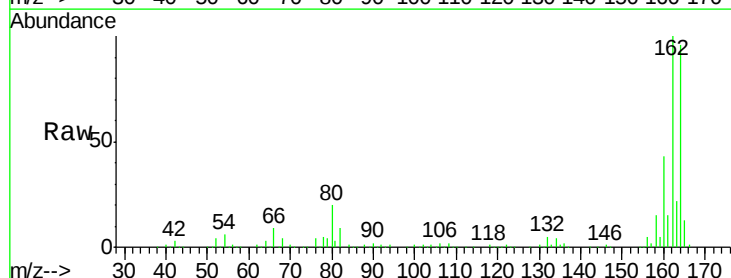
Tgt Ion: 164 Resp: 225549

Ion Ratio Lower Upper

164 100

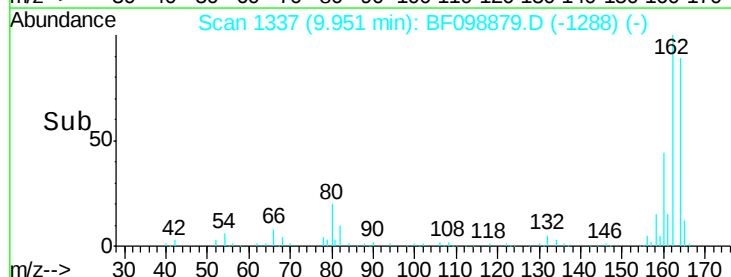
162 104.3 86.1 129.1

160 45.3 38.3 57.5

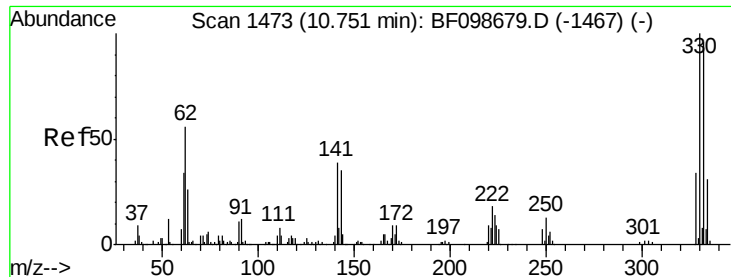


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

9.95



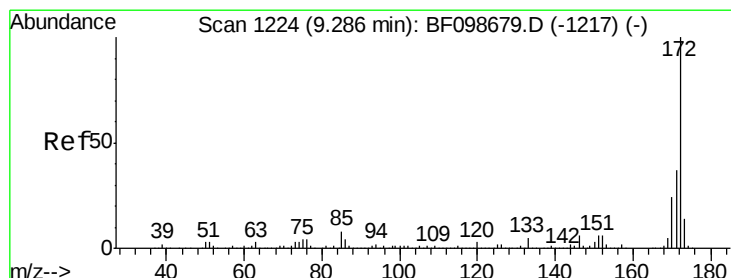
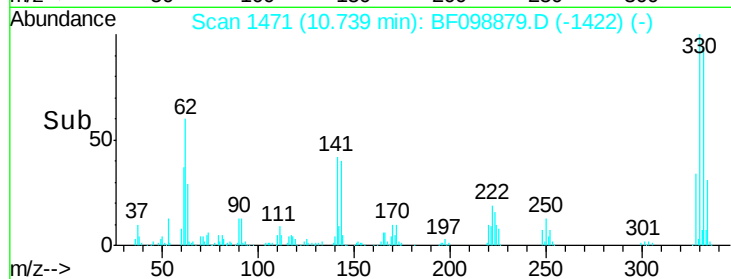
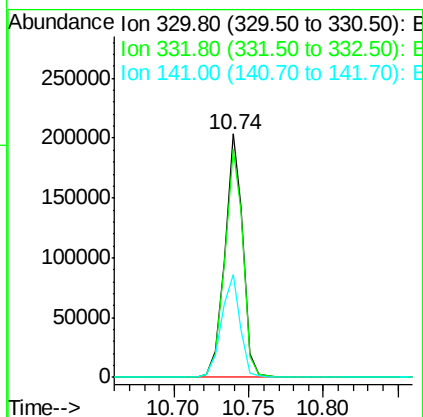
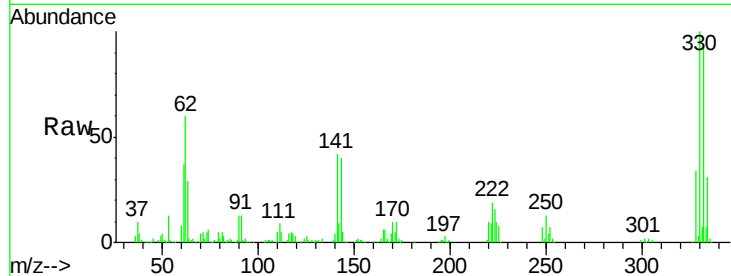
Time-->



#41
 2,4,6-Tribromophenol
 Concen: 94.20 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF098879.D
 Acq: 27 Sep 2017 22:56

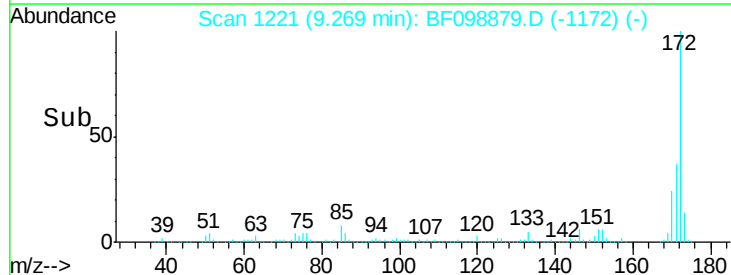
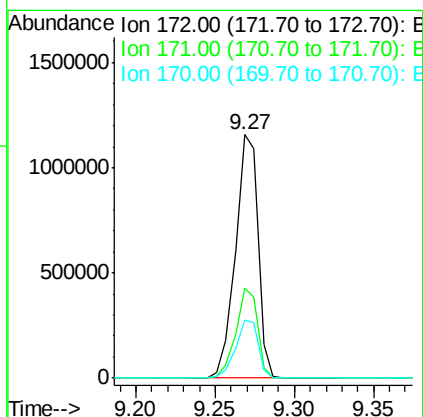
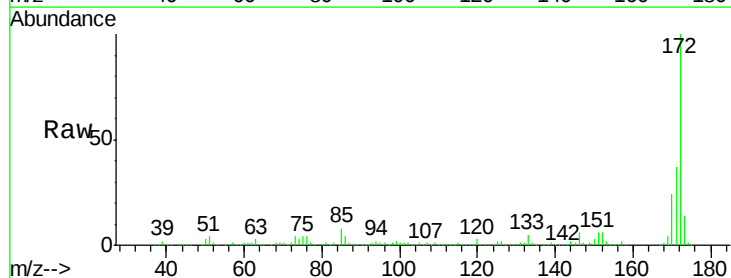
Instrument :
 BNA_F
 ClientSampled :

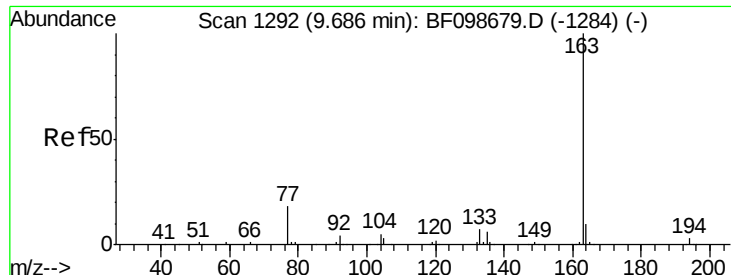
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	43.6	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 84.46 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF098879.D
 Acq: 27 Sep 2017 22:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	23.9	19.6	29.4

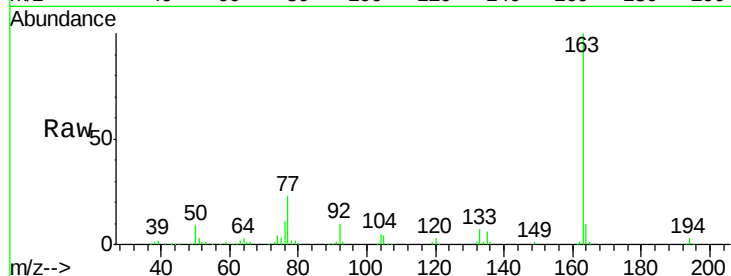




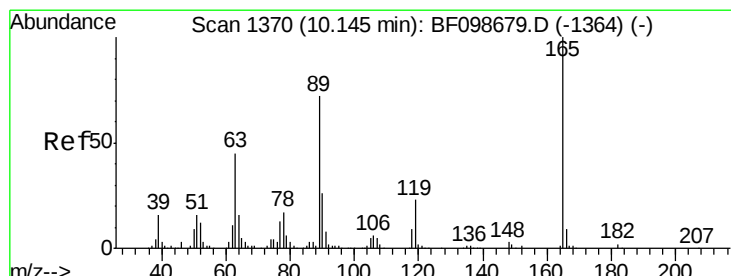
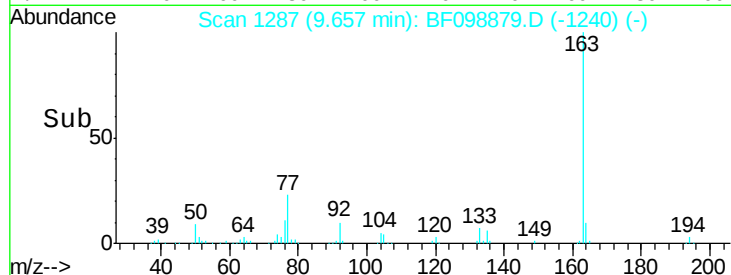
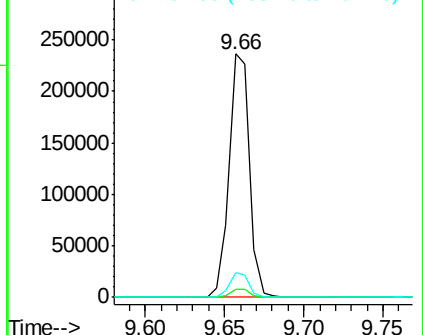
#49
Dimethylphthalate
Concen: 12.39 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BF098879.D
Acq: 27 Sep 2017 22:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 210885
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 10.2 8.2 12.2

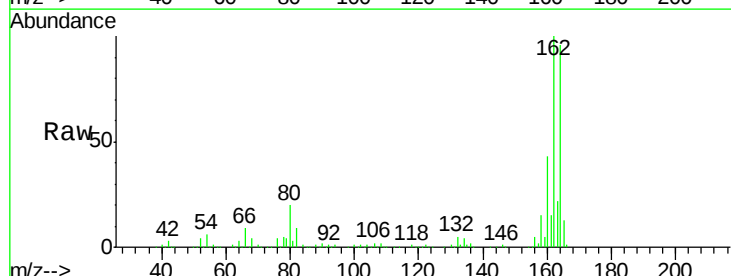


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

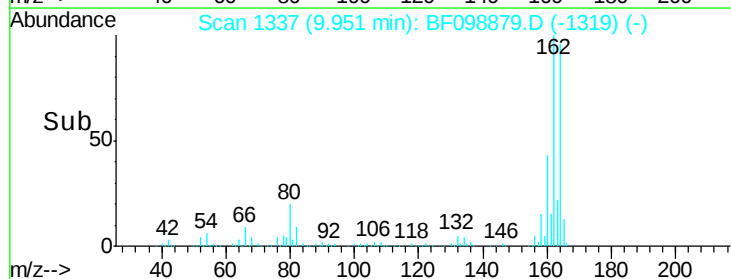
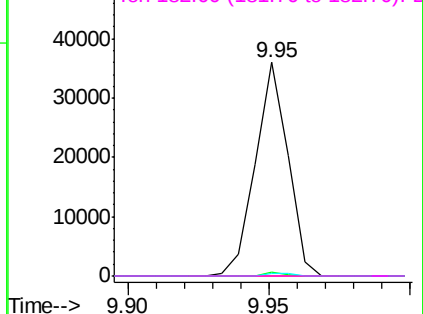


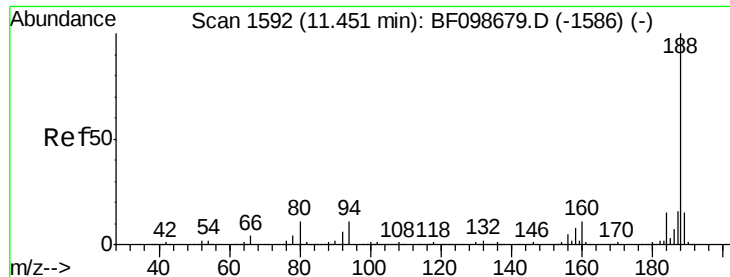
#56
2,4-Dinitrotoluene
Concen: 6.00 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.19 min
Lab File: BF098879.D
Acq: 27 Sep 2017 22:56

Tgt Ion:165 Resp: 28858
Ion Ratio Lower Upper
165 100
63 1.6 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): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

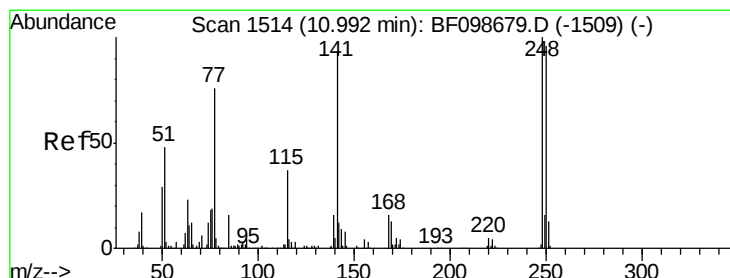
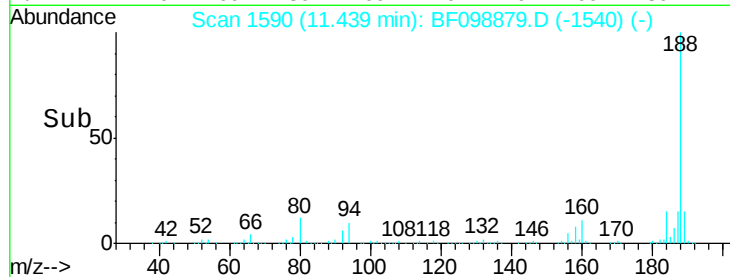
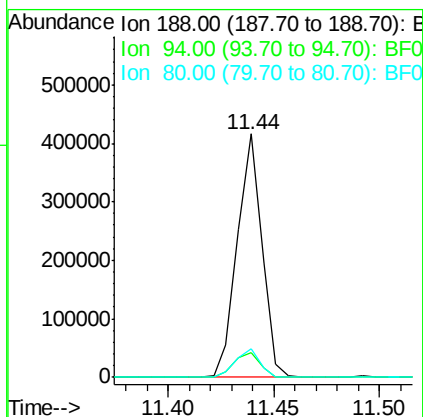
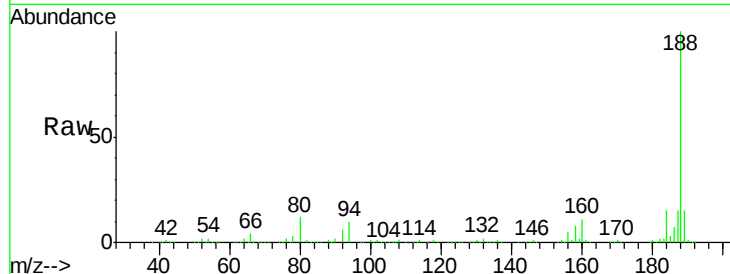




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098879.D
Acq: 27 Sep 2017 22:56

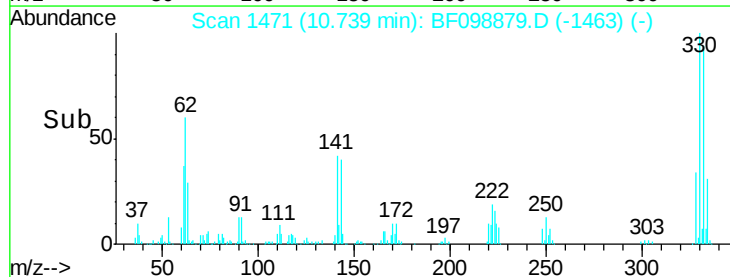
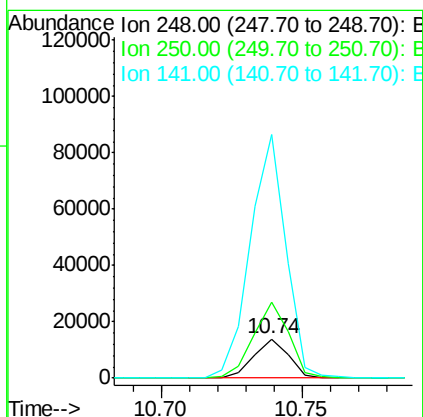
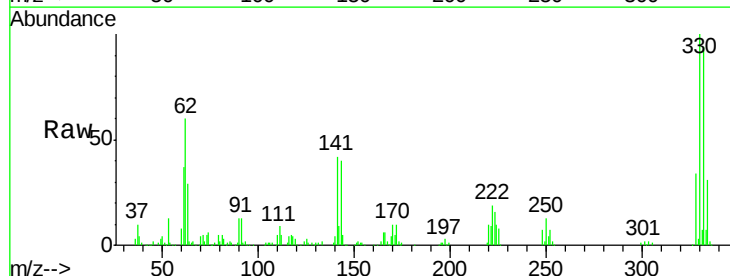
Instrument :
BNA_F
ClientSampled :

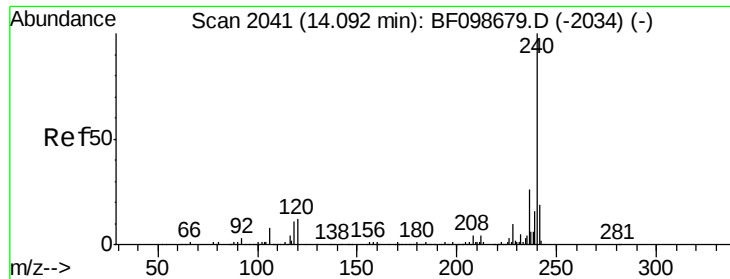
Tot Ion:188 Resp: 335546
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 11.6 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.63 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.25 min
Lab File: BF098879.D
Acq: 27 Sep 2017 22:56

Tgt Ion:248 Resp: 11933
Ion Ratio Lower Upper
248 100
250 194.8 76.9 115.3#
141 625.9 74.4 111.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF098879.D

Acq: 27 Sep 2017 22:56

Instrument :

BNA_F

ClientSampleId :

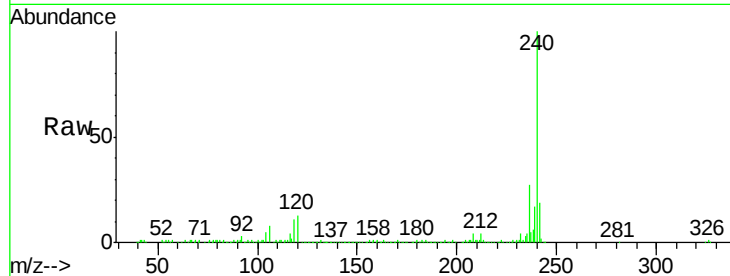
Tot Ion:240 Resp: 276864

Ion Ratio Lower Upper

240 100

120 12.7 9.5 14.3

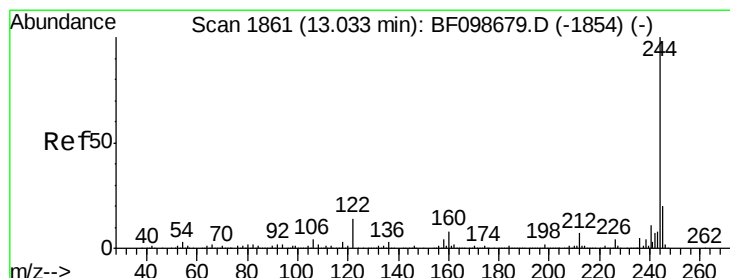
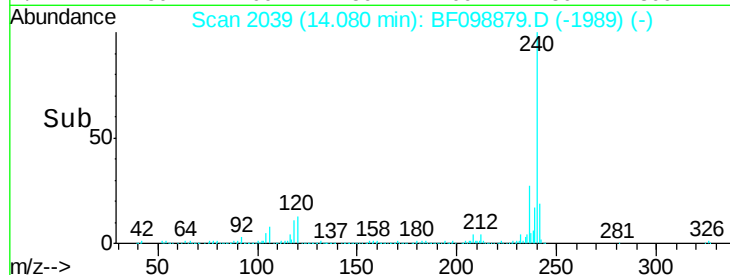
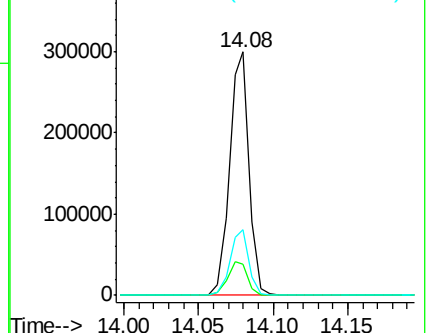
236 26.9 20.7 31.1



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: 62.56 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF098879.D

Acq: 27 Sep 2017 22:56

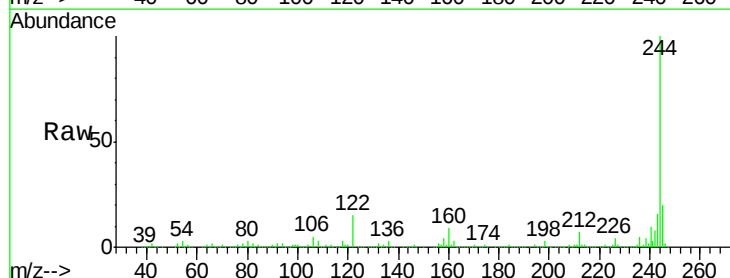
Tgt Ion:244 Resp: 761608

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

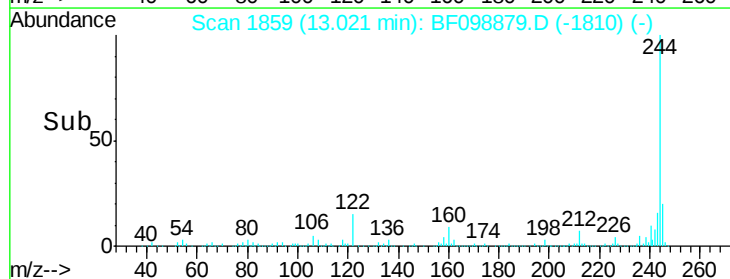
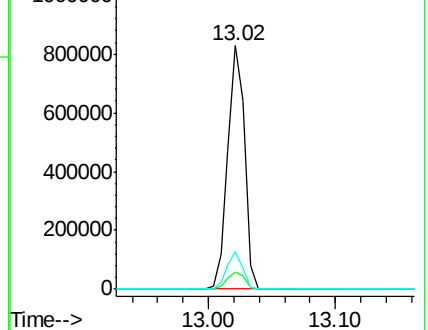
122 15.3 11.0 16.4

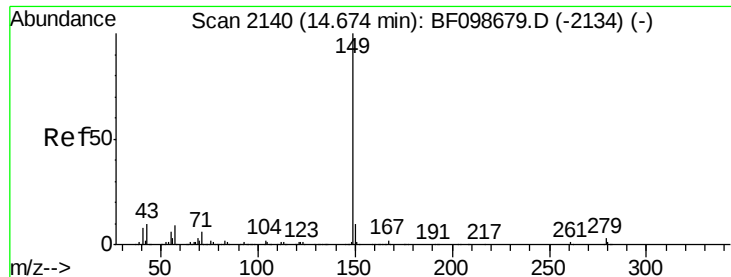


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

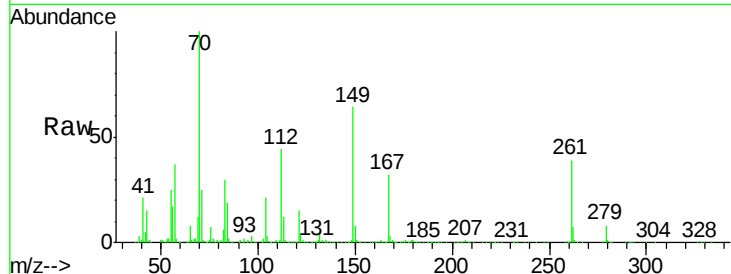




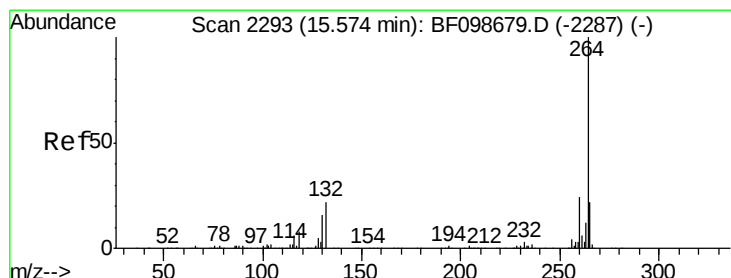
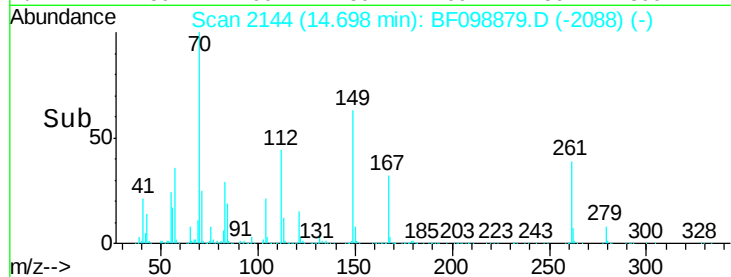
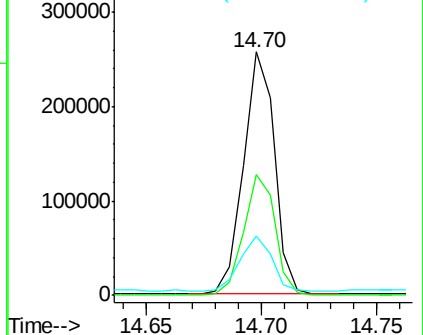
#84
Di-n-octyl phthalate
Concen: 10.91 ng
RT: 14.70 min Scan# 2144
Delta R.T. 0.03 min
Lab File: BF098879.D
Acq: 27 Sep 2017 22:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	50.6	1.2	1.8#
43	23.9	8.4	12.6#

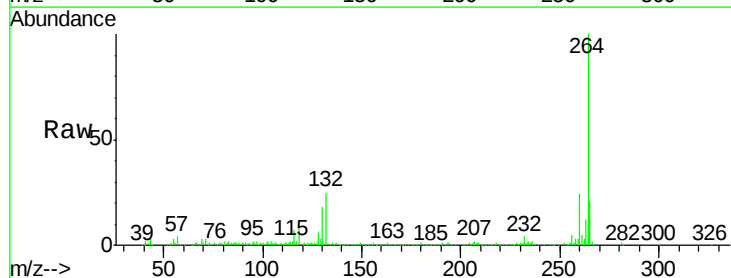


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BF098879.D
Acq: 27 Sep 2017 22:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	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

