

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
 Data File : BF098885.D
 Acq On : 28 Sep 2017 1:45
 Operator : SJ/JU
 Sample : I5436-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 28 06:09:47 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

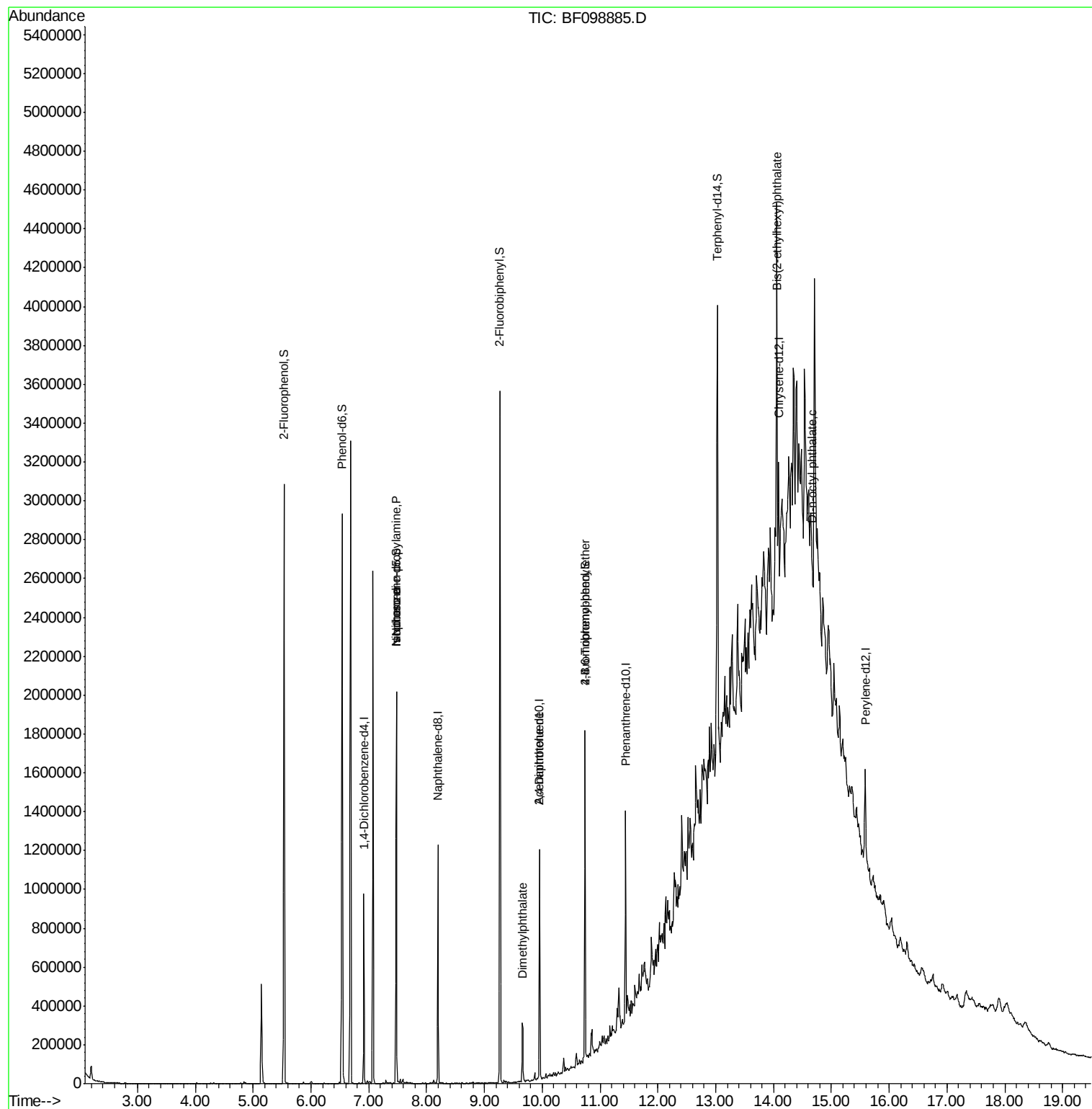
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	132221	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	531887	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	223649	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	353309	20.00	ng	0.00
75) Chrysene-d12	14.09	240	250834	20.00	ng	0.00
86) Perylene-d12	15.59	264	210298	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	932085	112.22	ng	0.00
7) Phenol-d6	6.54	99	1142212	111.48	ng	0.00
23) Nitrobenzene-d5	7.47	82	689248	83.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	187099	102.24	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1187337	88.63	ng	0.00
78) Terphenyl-d14	13.03	244	876823	79.50	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.47	70	91585	14.00	ng	# 78
25) Isophorone	7.47	82	688472	40.15	ng	# 64
49) Dimethylphthalate	9.66	163	117243	6.95	ng	100
56) 2,4-Dinitrotoluene	9.95	165	29430	6.17	ng	# 23
66) 4-Bromophenyl-phenylether	10.74	248	13259	3.83	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.06	149	673634	54.42	ng	100
84) Di-n-octyl phthalate	14.67	149	65118	3.27	ng	# 72

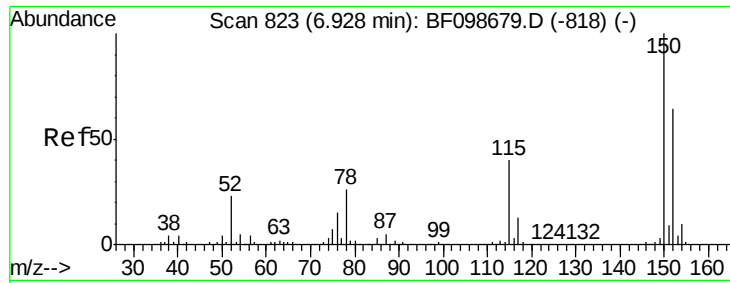
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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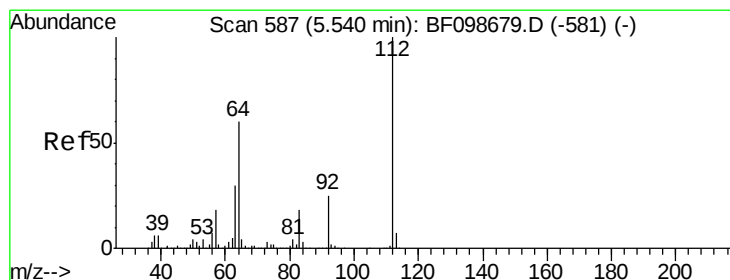
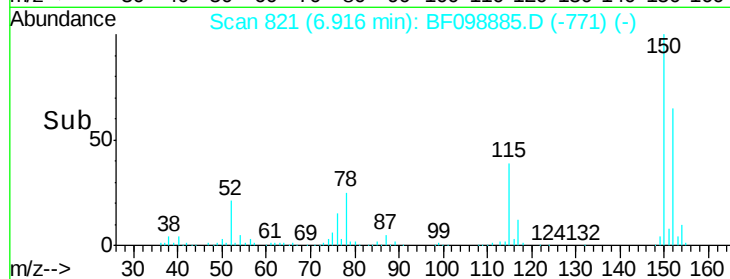
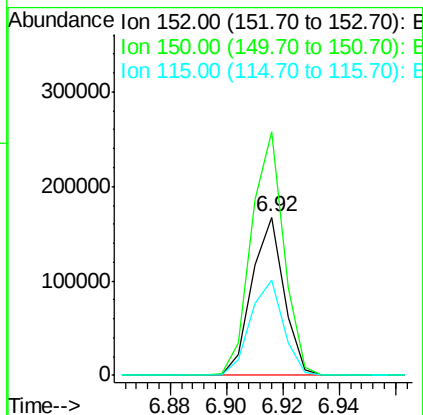
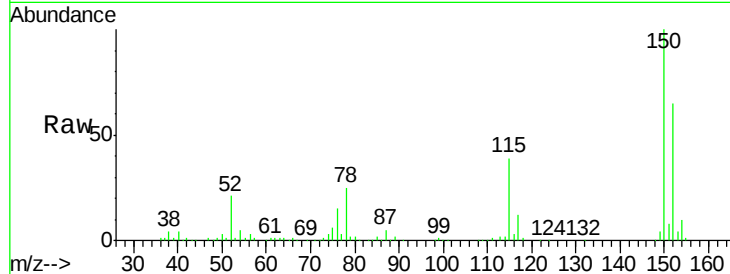


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098885.D
Acq: 28 Sep 2017 1:45

Instrument :
BNA_F
ClientSampleId :

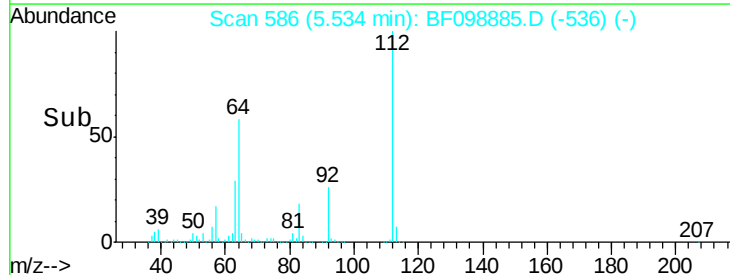
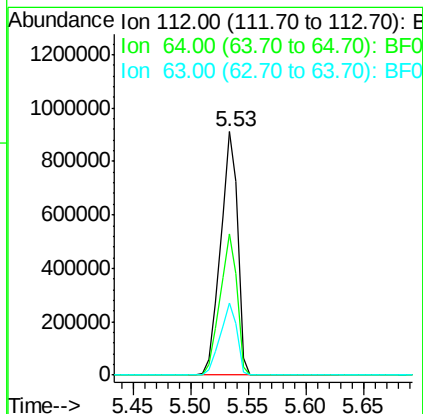
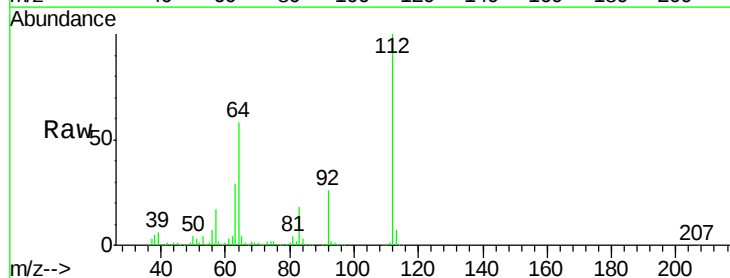
Tot Ion:152 Resp: 132221
Ion Ratio Lower Upper
152 100
150 154.0 124.6 186.8
115 60.0 50.1 75.1

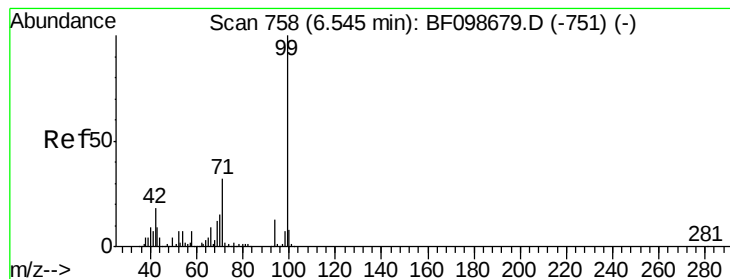


#5

2-Fluorophenol
Concen: 112.22 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF098885.D
Acq: 28 Sep 2017 1:45

Tgt Ion:112 Resp: 932085
Ion Ratio Lower Upper
112 100
64 58.2 47.9 71.9
63 29.5 23.7 35.5





#7

Phenol-d6

Concen: 111.48 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098885.D

Acq: 28 Sep 2017 1:45

Instrument :

BNA_F

ClientSampled :

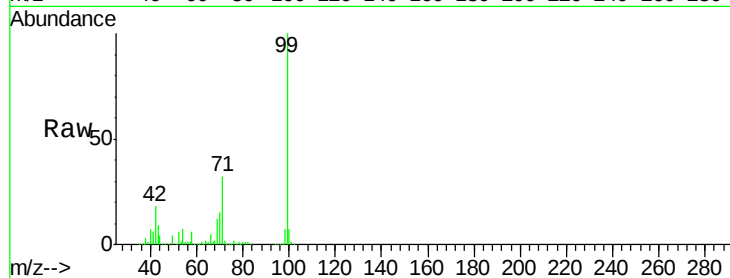
Tot Ion: 99 Resp: 1142212

Ion Ratio Lower Upper

99 100

42 17.8 14.5 21.7

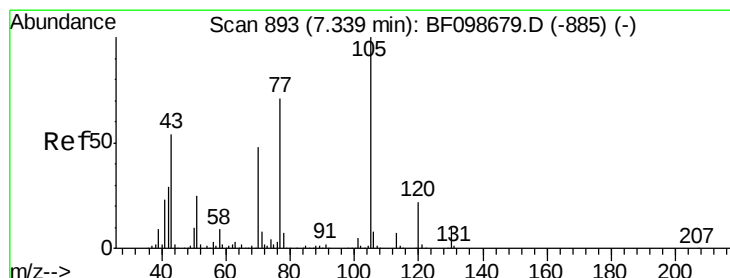
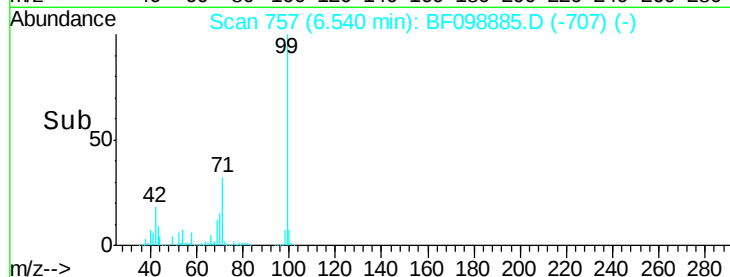
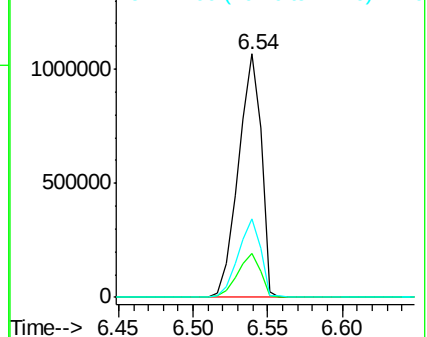
71 32.4 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.00 ng

RT: 7.47 min Scan# 916

Delta R.T. 0.14 min

Lab File: BF098885.D

Acq: 28 Sep 2017 1:45

Tgt Ion: 70 Resp: 91585

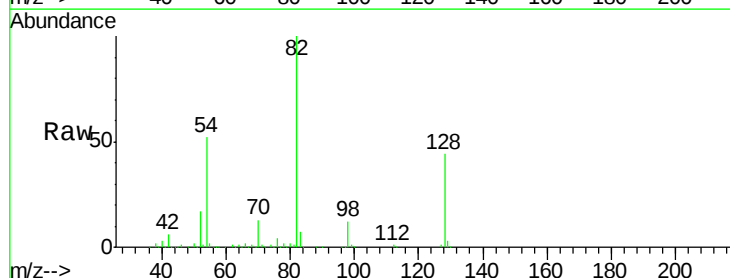
Ion Ratio Lower Upper

70 100

42 48.2 47.5 71.3

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#

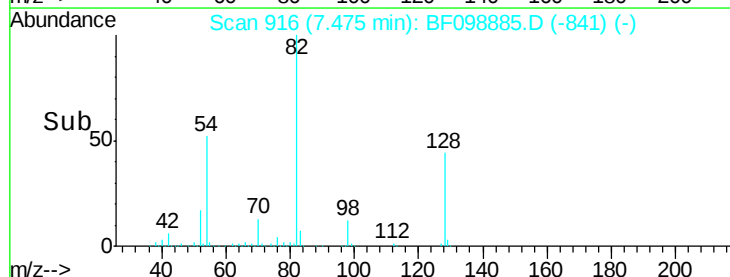
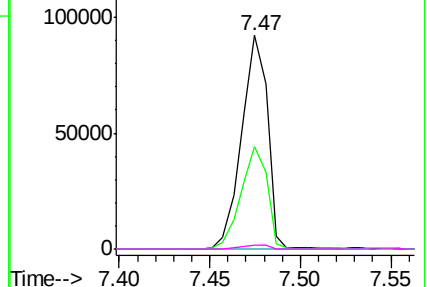


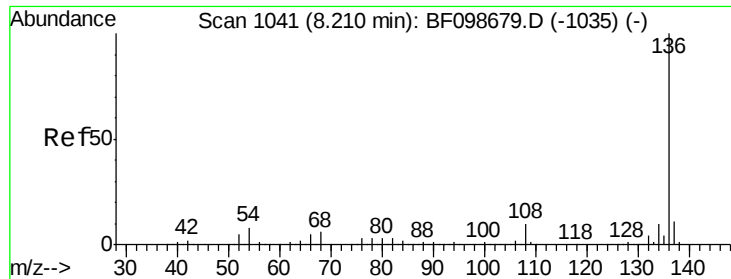
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

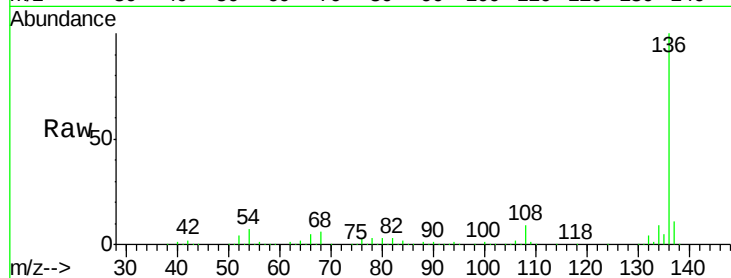




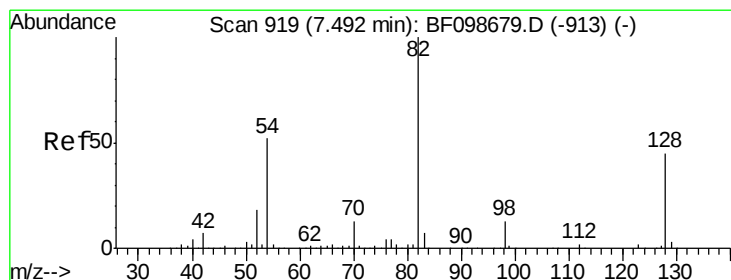
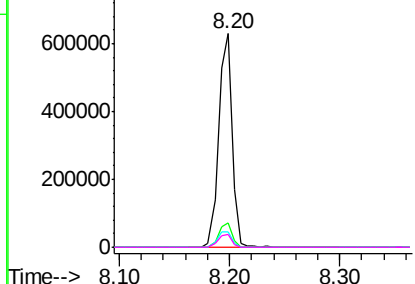
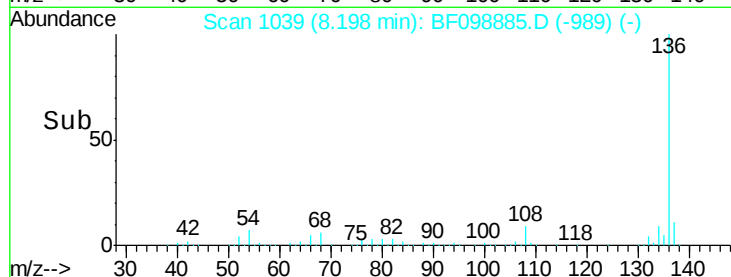
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098885.D
Acq: 28 Sep 2017 1:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	531887
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.9 13.3
54	7.4	6.6 9.8
68	5.7	5.0 7.4

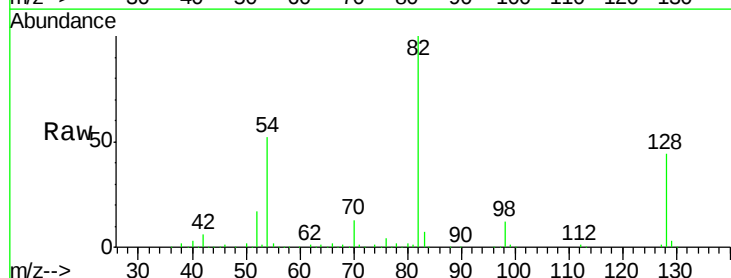


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

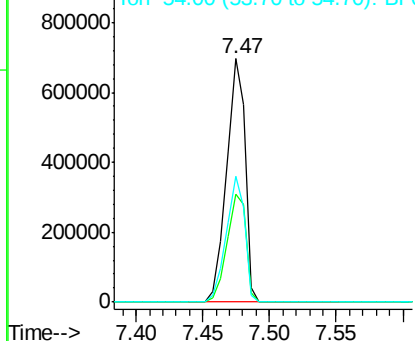
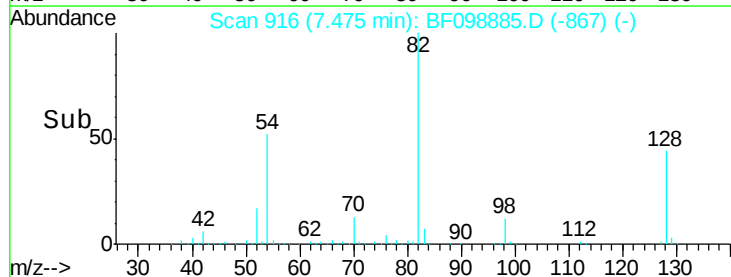


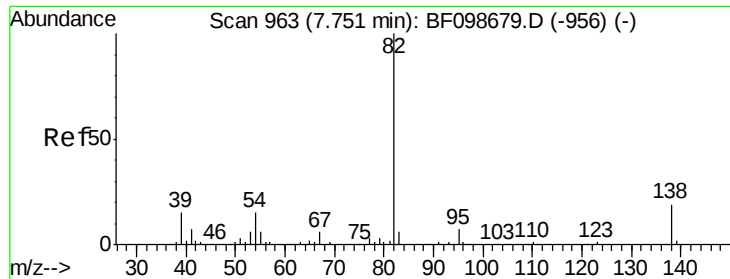
#23
Nitrobenzene-d5
Concen: 83.10 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF098885.D
Acq: 28 Sep 2017 1:45

Tgt Ion: 82	Resp:	689248
Ion Ratio	Lower	Upper
82	100	
128	44.5	36.1 54.1
54	51.6	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: 40.15 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.27 min

Lab File: BF098885.D

Acq: 28 Sep 2017 1:45

Instrument :

BNA_F

ClientSampled :

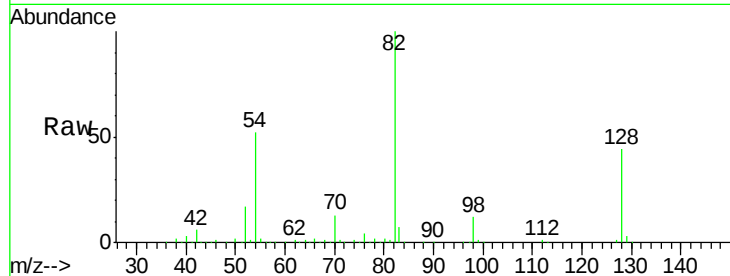
Tot Ion: 82 Resp: 688472

Ion Ratio Lower Upper

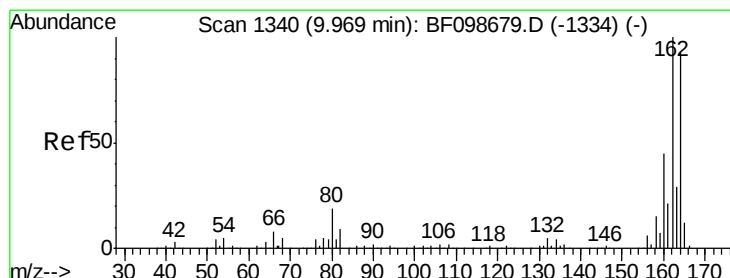
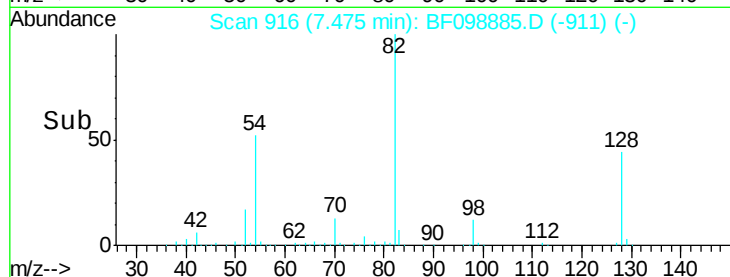
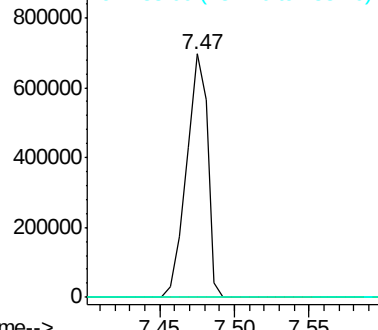
82 100

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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF098885.D

Acq: 28 Sep 2017 1:45

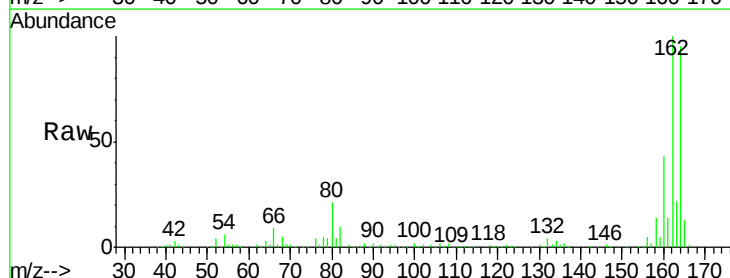
Tgt Ion: 164 Resp: 223649

Ion Ratio Lower Upper

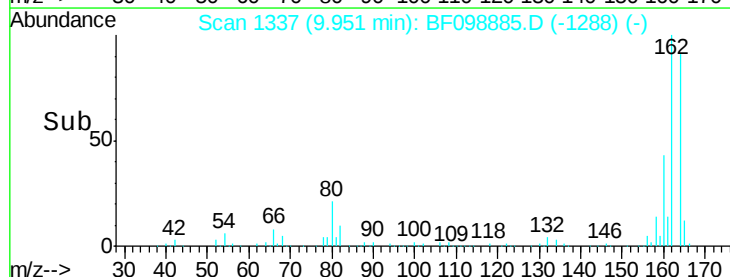
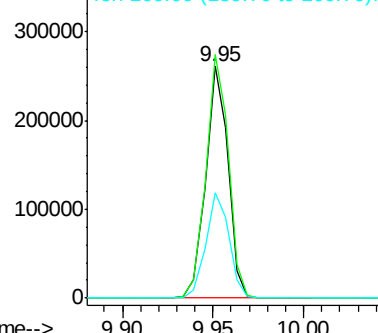
164 100

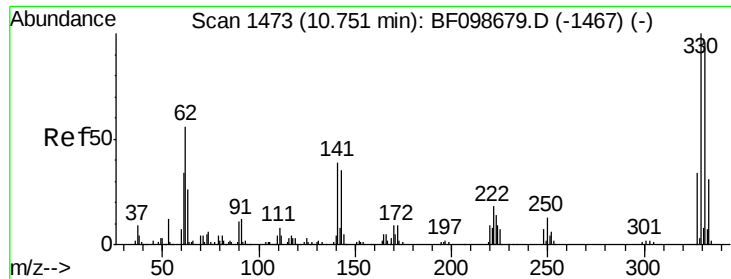
162 105.1 86.1 129.1

160 45.4 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: 102.24 ng

RT: 10.75 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BF098885.D

Acq: 28 Sep 2017 1:45

Instrument :

BNA_F

ClientSampleId :

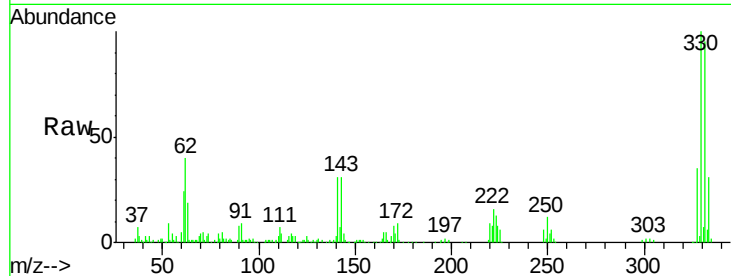
Tot Ion:330 Resp: 187099

Ion Ratio Lower Upper

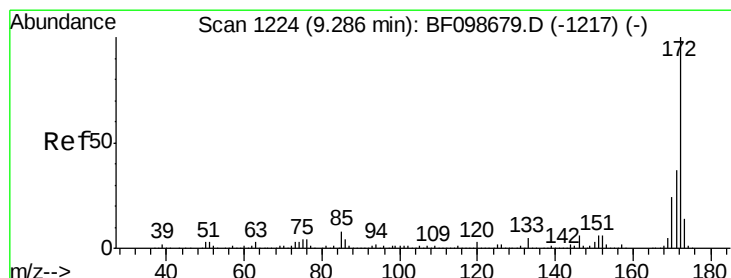
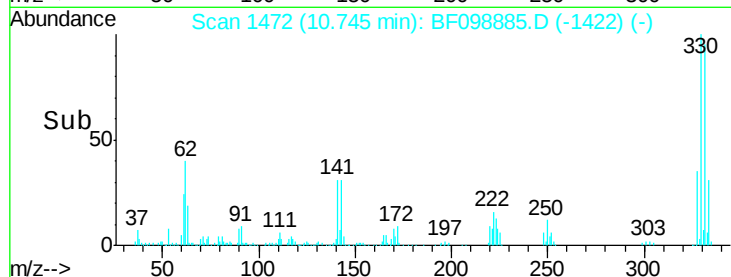
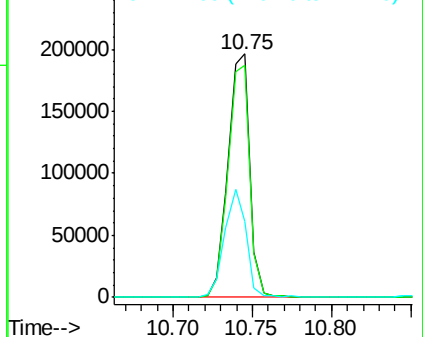
330 100

332 96.0 77.0 115.6

141 44.9 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: 88.63 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BF098885.D

Acq: 28 Sep 2017 1:45

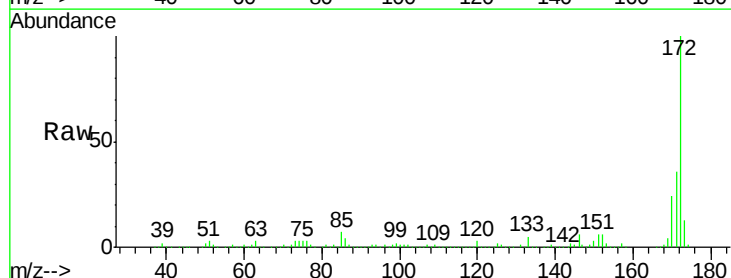
Tgt Ion:172 Resp: 1187337

Ion Ratio Lower Upper

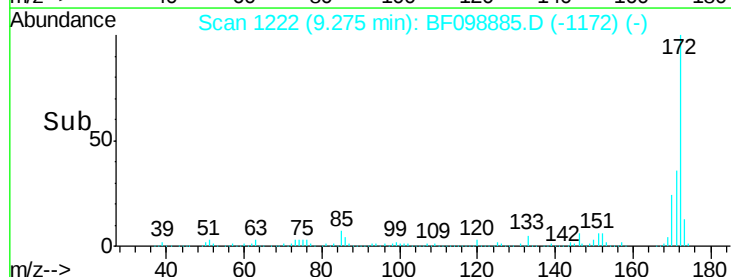
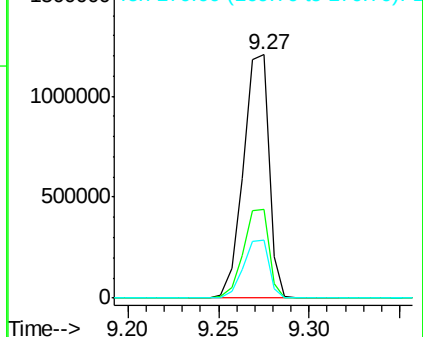
172 100

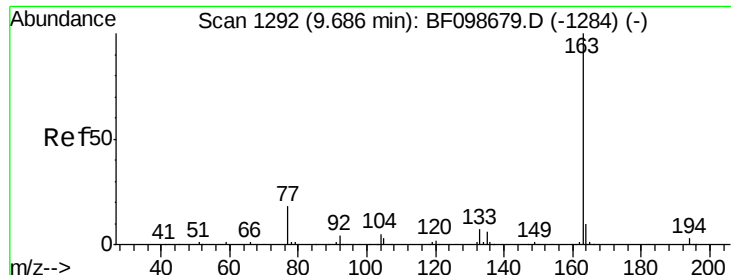
171 36.4 29.7 44.5

170 23.7 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

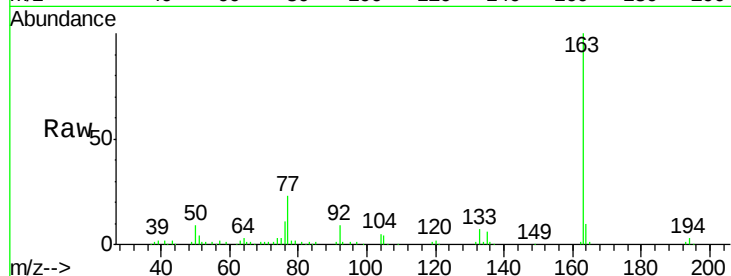




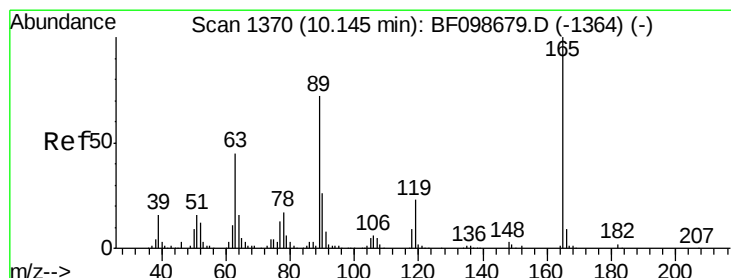
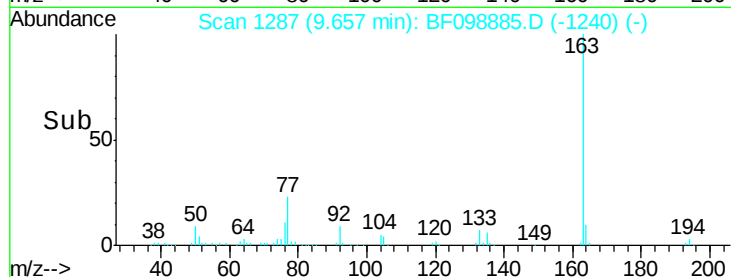
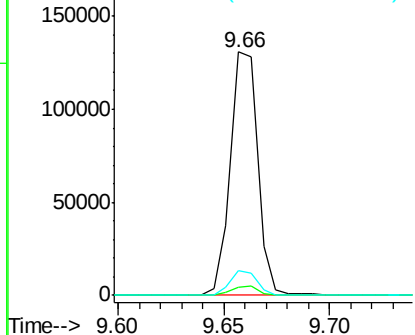
#49
Dimethylphthalate
Concen: 6.95 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BF098885.D
Acq: 28 Sep 2017 1:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 117243
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 10.3 8.2 12.2

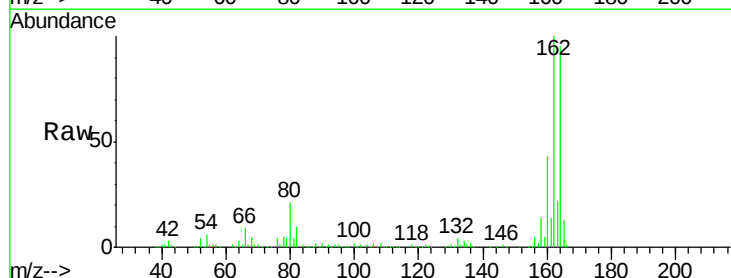


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

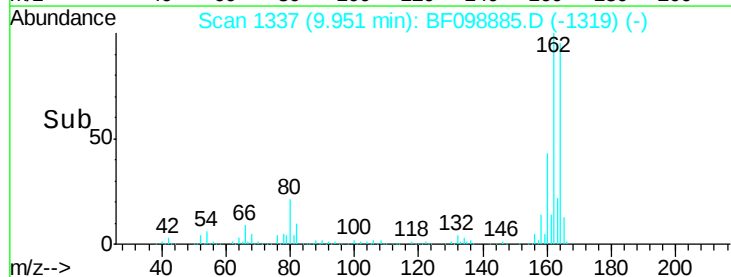
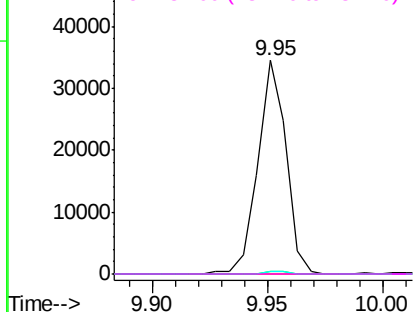


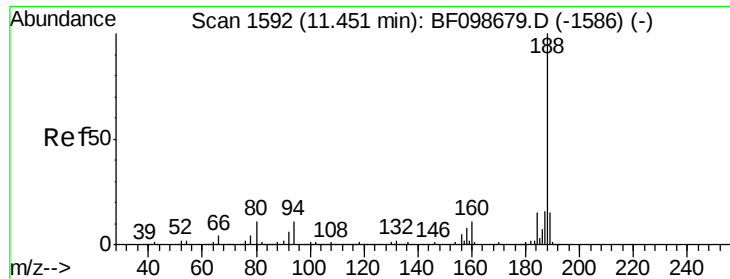
#56
2,4-Dinitrotoluene
Concen: 6.17 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.19 min
Lab File: BF098885.D
Acq: 28 Sep 2017 1:45

Tgt Ion:165 Resp: 29430
Ion Ratio Lower Upper
165 100
63 1.5 36.4 54.6#
89 1.3 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

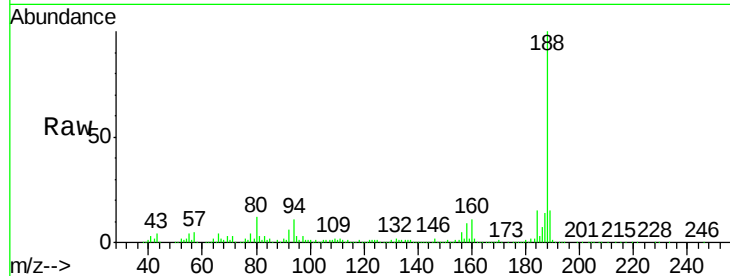




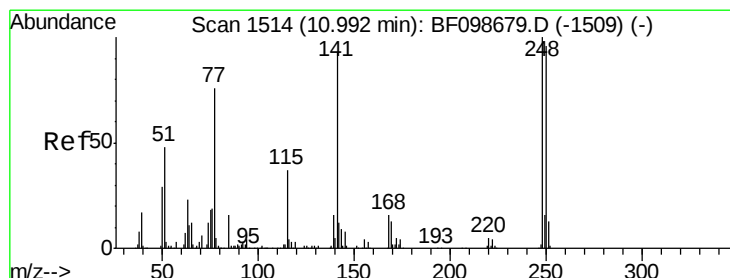
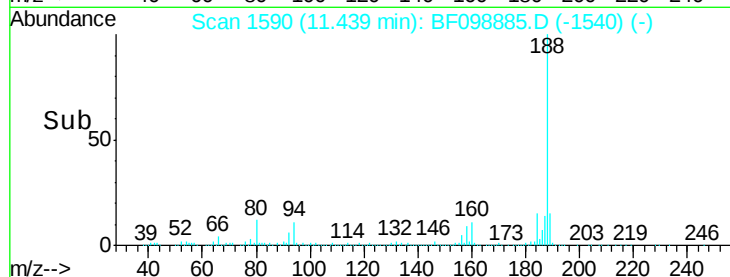
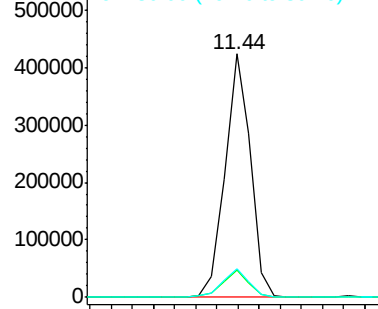
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098885.D
Acq: 28 Sep 2017 1:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 353309
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 11.9 9.2 13.8

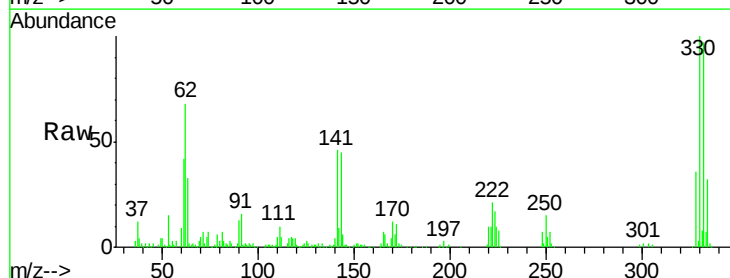


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

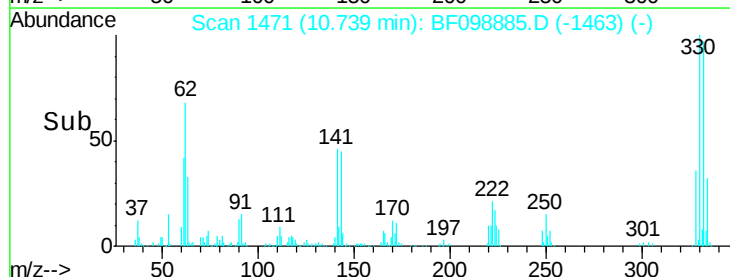
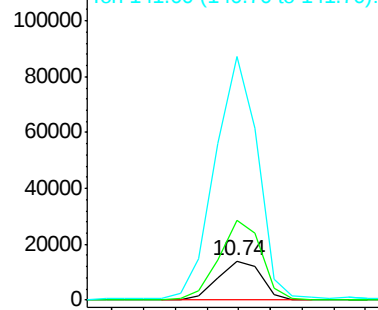


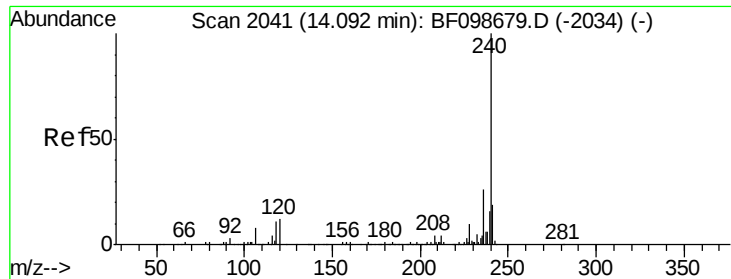
#66
4-Bromophenyl-phenylether
Concen: 3.83 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.25 min
Lab File: BF098885.D
Acq: 28 Sep 2017 1:45

Tgt Ion:248 Resp: 13259
Ion Ratio Lower Upper
248 100
250 202.6 76.9 115.3#
141 621.4 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: 14.09 min Scan# 2040

Delta R.T. 0.00 min

Lab File: BF098885.D

Acq: 28 Sep 2017 1:45

Instrument :

BNA_F

ClientSampleId :

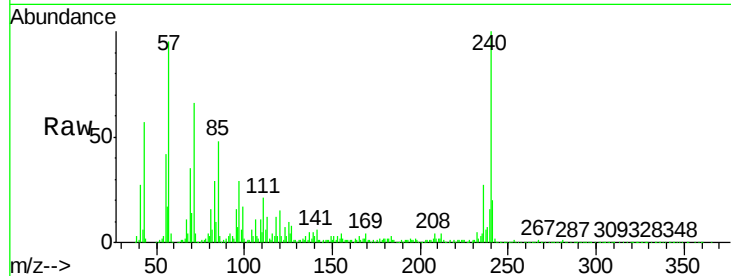
Tot Ion:240 Resp: 250834

Ion Ratio Lower Upper

240 100

120 15.5 9.5 14.3#

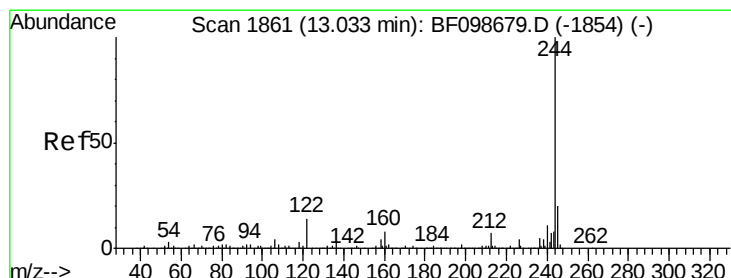
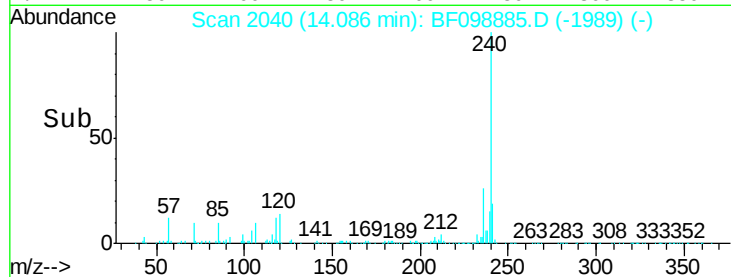
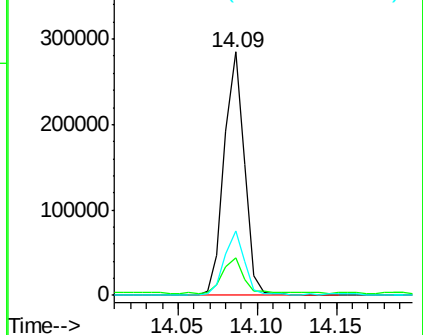
236 26.5 20.7 31.1



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: 79.50 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098885.D

Acq: 28 Sep 2017 1:45

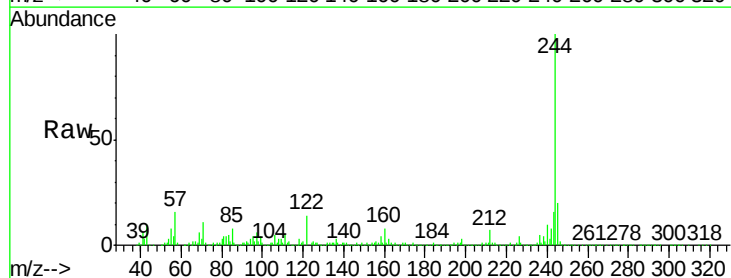
Tgt Ion:244 Resp: 876823

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

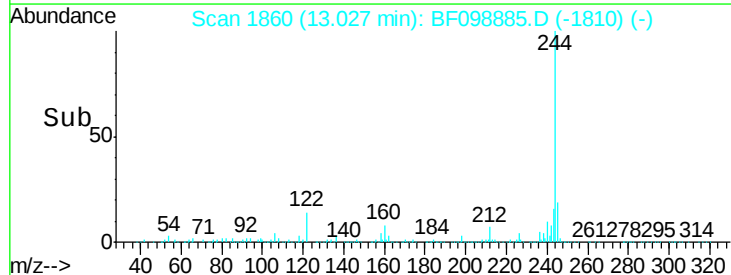
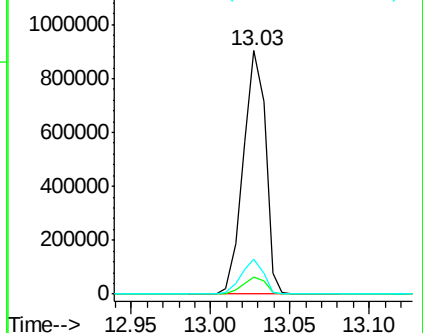
122 14.2 11.0 16.4

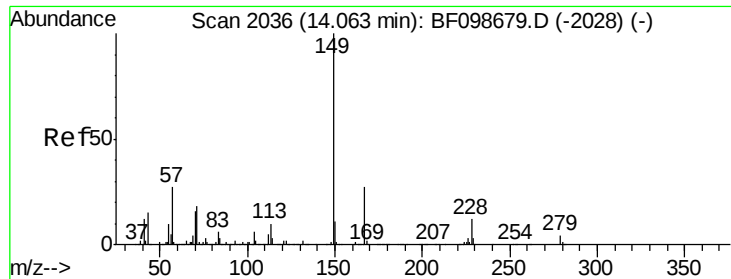


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

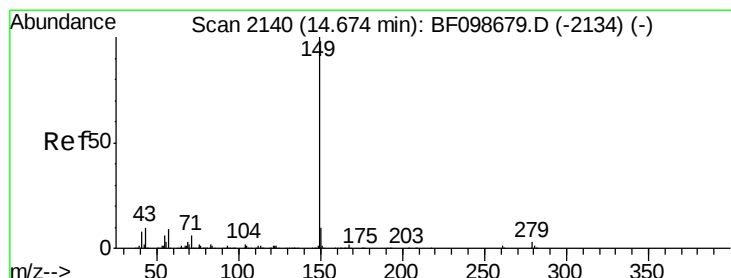
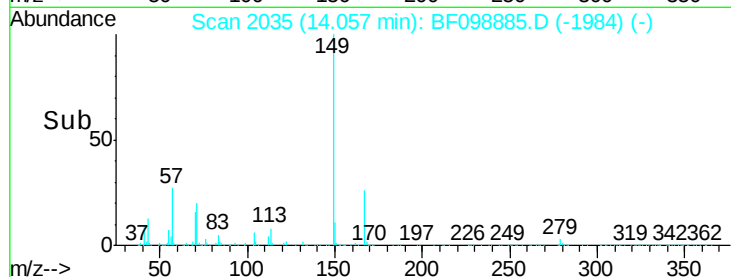
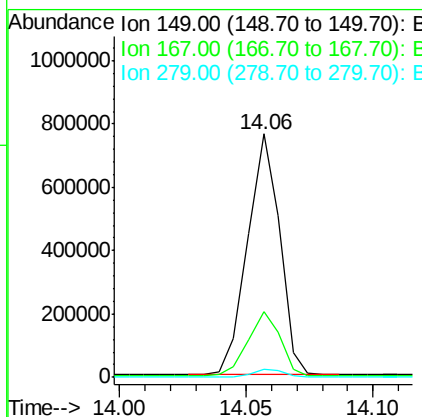
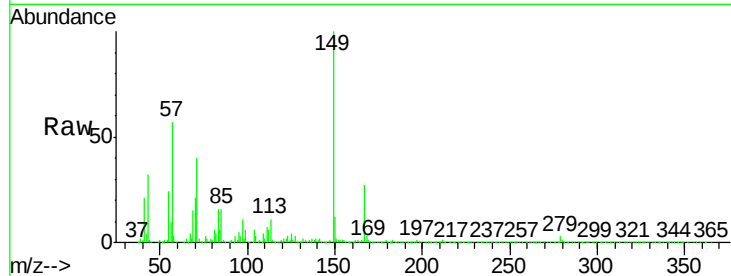




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.42 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: BF098885.D
 Acq: 28 Sep 2017 1:45

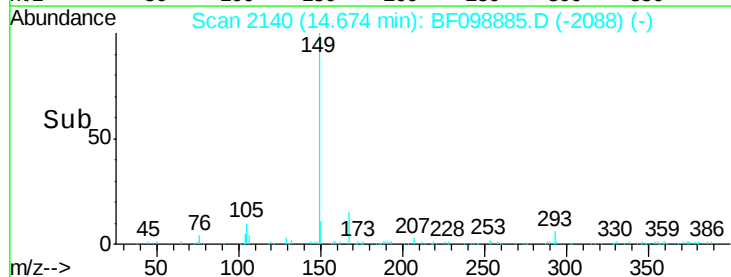
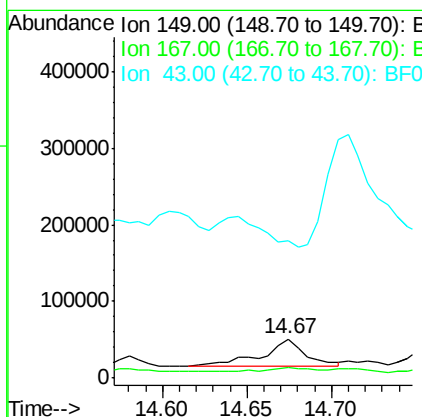
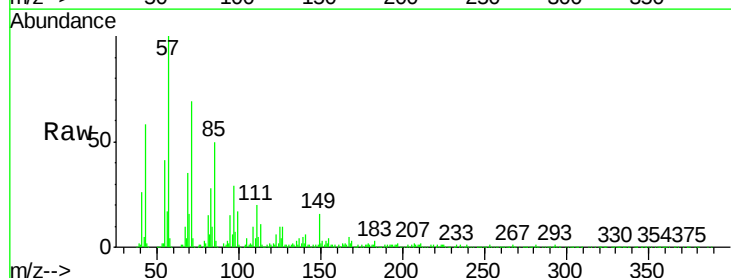
Instrument :
 BNA_F
 ClientSampled :

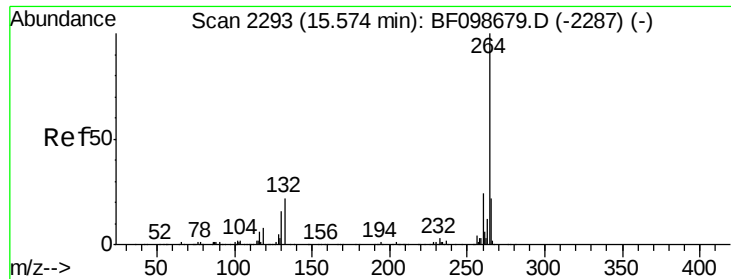
Tot Ion:149 Resp: 673634
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.3 31.9
 279 3.1 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 3.27 ng
 RT: 14.67 min Scan# 2140
 Delta R.T. 0.01 min
 Lab File: BF098885.D
 Acq: 28 Sep 2017 1:45

Tgt Ion:149 Resp: 65118
 Ion Ratio Lower Upper
 149 100
 167 11.7 1.2 1.8#
 43 0.0 8.4 12.6#

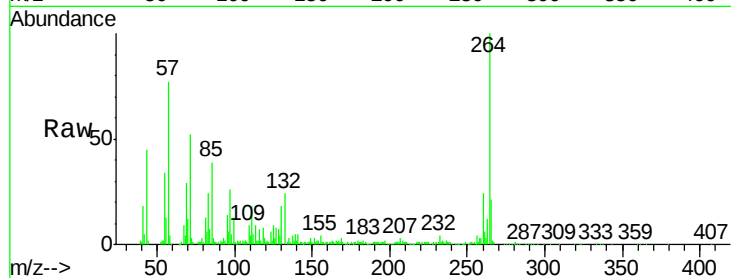




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.59 min Scan# 2295
Delta R.T. 0.01 min
Lab File: BF098885.D
Acq: 28 Sep 2017 1:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.4	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

