

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092617\
 Data File : BF098844.D
 Acq On : 26 Sep 2017 20:47
 Operator : SJ/JU
 Sample : I5426-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 27 00:49:04 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

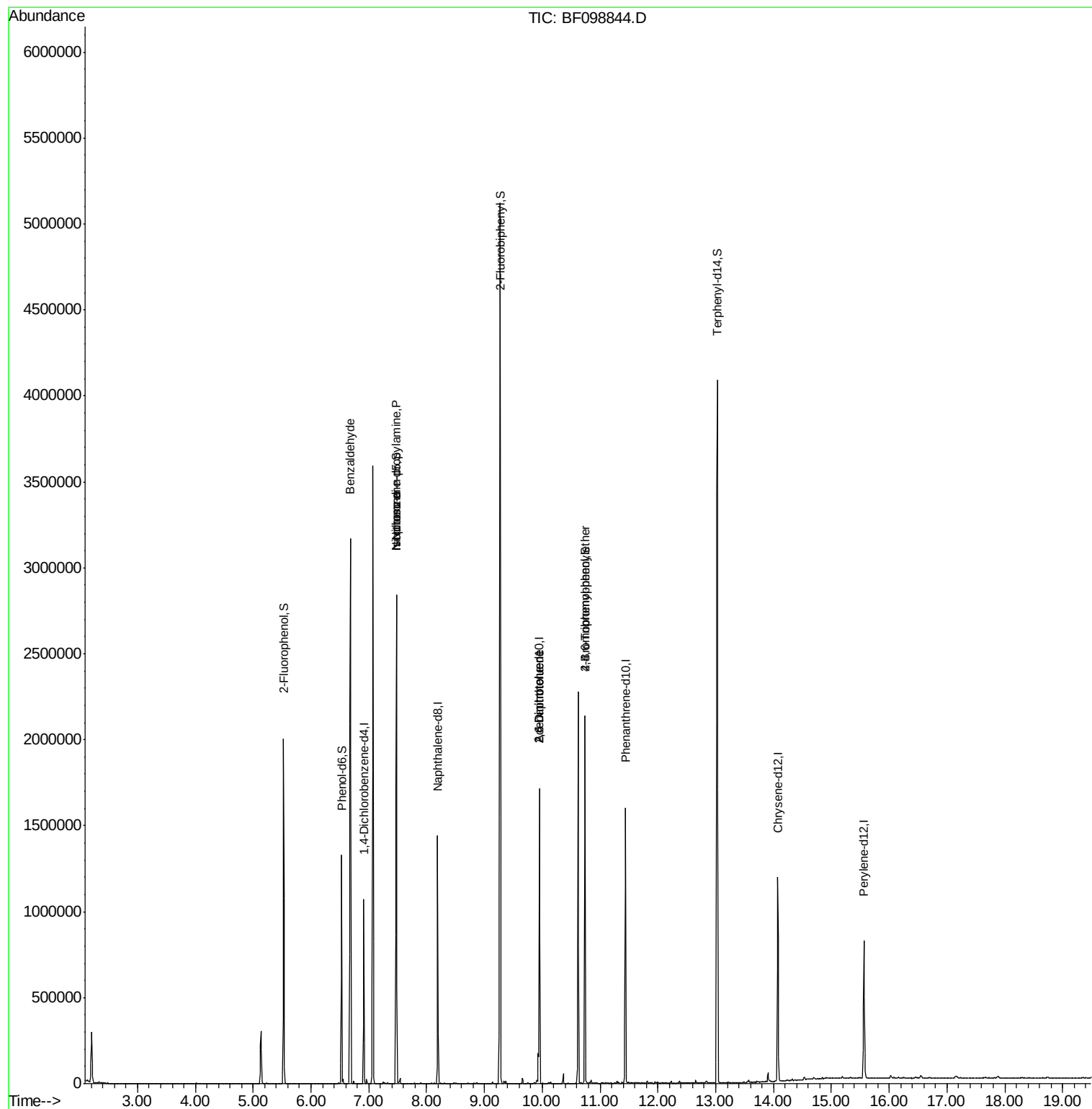
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	160085	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	672912	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	306428	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	514950	20.00	ng	0.00
75) Chrysene-d12	14.07	240	363554	20.00	ng	-0.01
86) Perylene-d12	15.57	264	338011	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	516178	51.33	ng	-0.01
7) Phenol-d6	6.53	99	404278	32.59	ng	-0.02
23) Nitrobenzene-d5	7.48	82	1061581	101.17	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	242610	96.76	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	1831679	99.79	ng	0.00
78) Terphenyl-d14	13.03	244	1406783	88.00	ng	0.00
Target Compounds						
9) Benzaldehyde	6.68	77	18068	2.51	ng	Qvalue 85
19) n-Nitroso-di-n-propylamine	7.48	70	137969	17.42	ng	# 76
25) Isophorone	7.48	82	1059430	48.83	ng	# 64
50) 2,6-Dinitrotoluene	9.95	165	38619	7.67	ng	# 25
56) 2,4-Dinitrotoluene	9.95	165	38619	5.91	ng	# 23
66) 4-Bromophenyl-phenylether	10.74	248	16964	3.37	ng	# 1

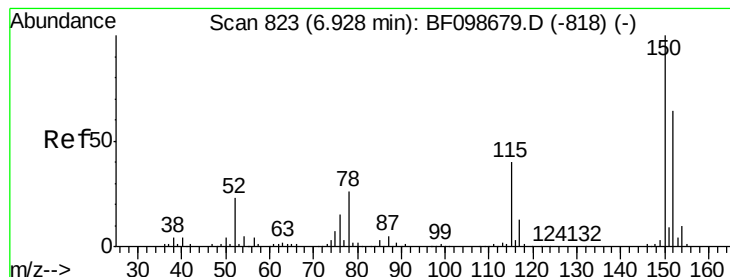
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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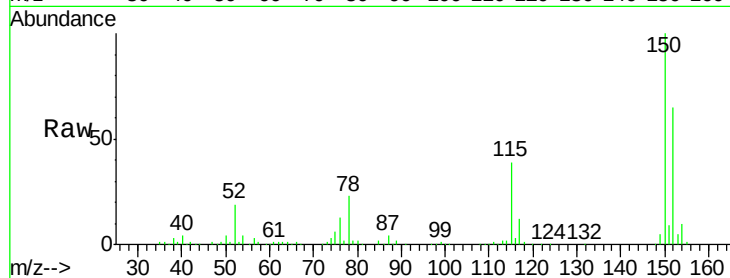


#1

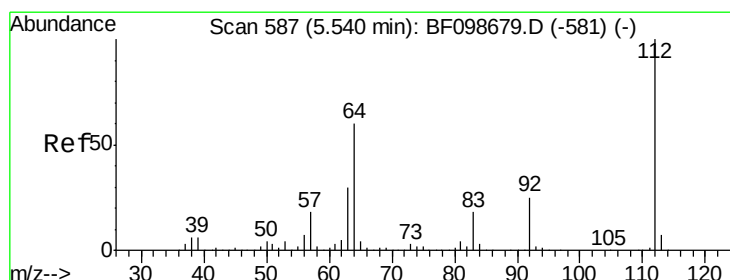
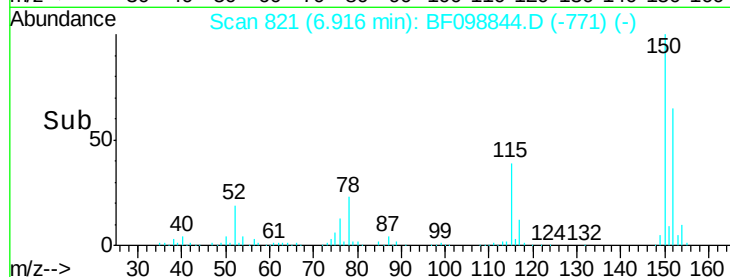
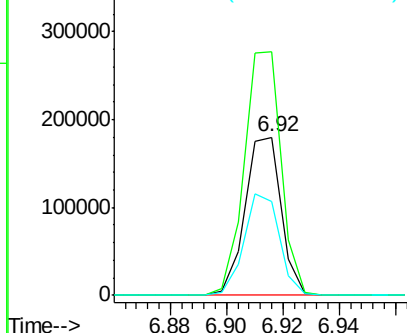
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF098844.D
 Acq: 26 Sep 2017 20:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 160085
 Ion Ratio Lower Upper
 152 100
 150 153.9 124.6 186.8
 115 59.5 50.1 75.1



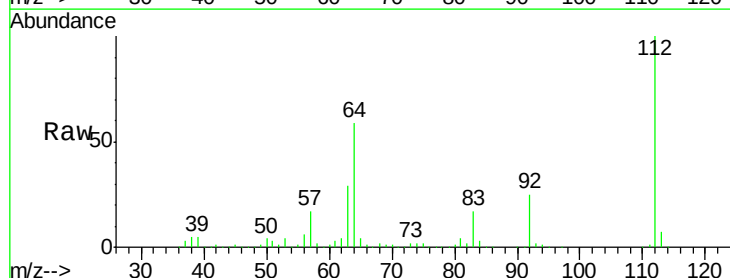
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



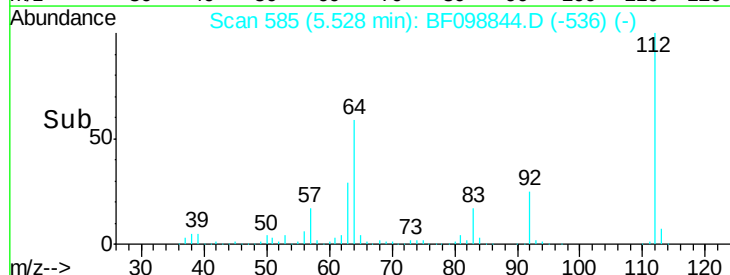
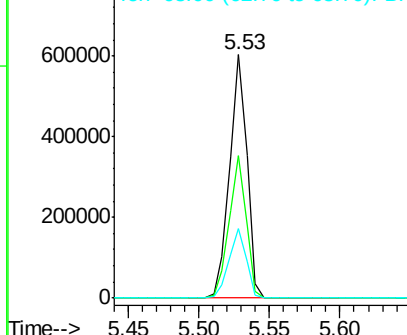
#5

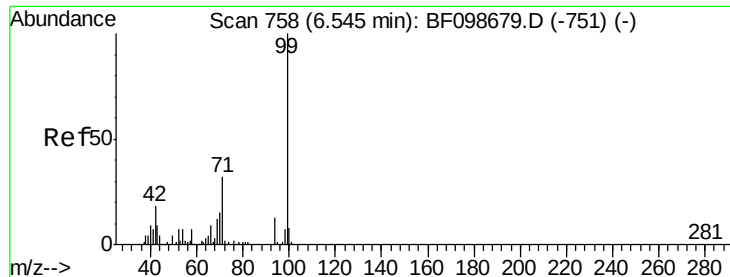
2-Fluorophenol
 Concen: 51.33 ng
 RT: 5.53 min Scan# 585
 Delta R.T. -0.01 min
 Lab File: BF098844.D
 Acq: 26 Sep 2017 20:47

Tgt Ion:112 Resp: 516178
 Ion Ratio Lower Upper
 112 100
 64 58.6 47.9 71.9
 63 28.7 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: 32.59 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF098844.D

Acq: 26 Sep 2017 20:47

Instrument :

BNA_F

ClientSampleId :

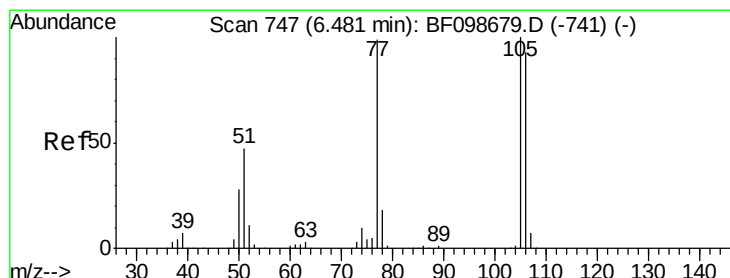
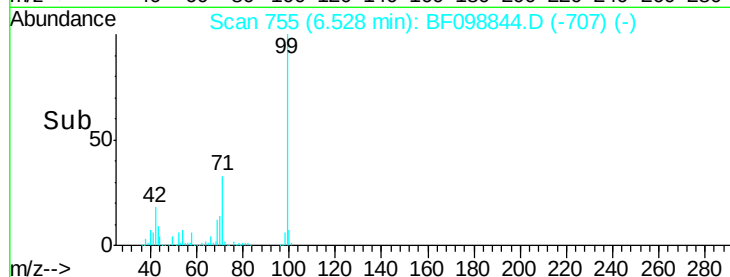
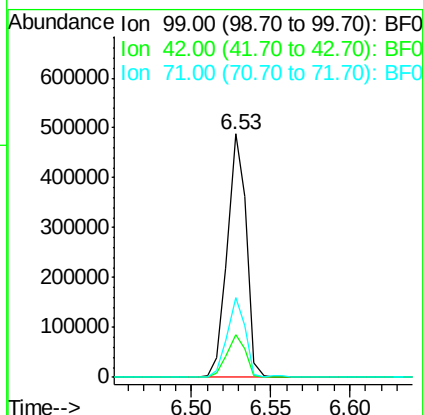
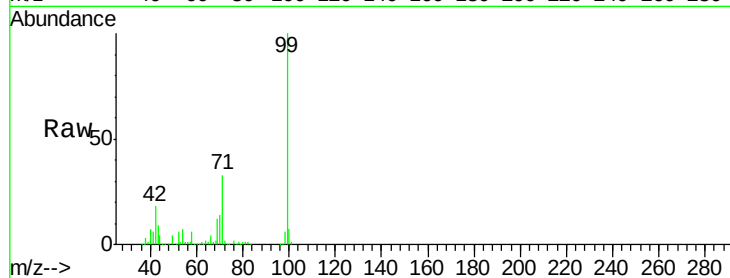
Tot Ion: 99 Resp: 404278

Ion Ratio Lower Upper

99 100

42 17.7 14.5 21.7

71 32.6 25.4 38.0



#9

Benzaldehyde

Concen: 2.51 ng

RT: 6.68 min Scan# 781

Delta R.T. 0.21 min

Lab File: BF098844.D

Acq: 26 Sep 2017 20:47

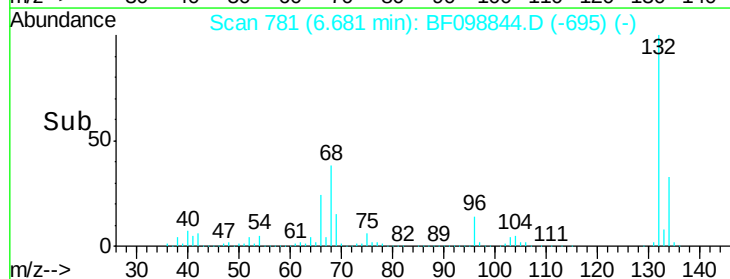
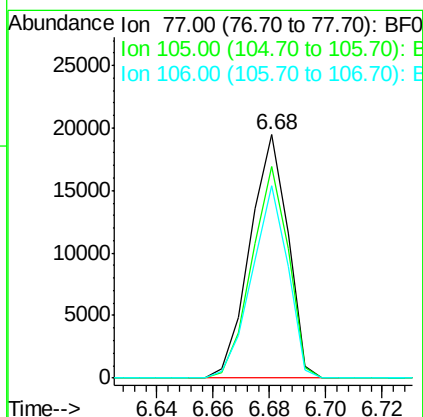
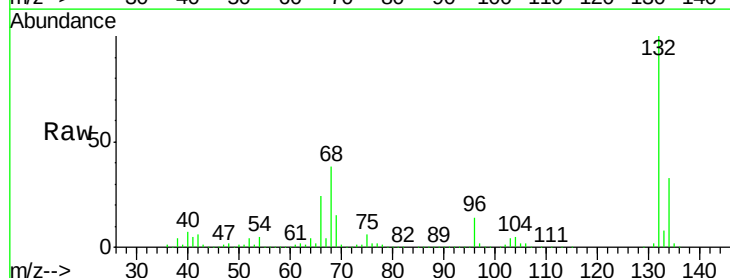
Tgt Ion: 77 Resp: 18068

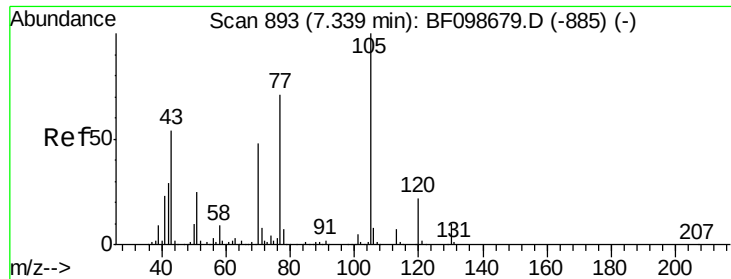
Ion Ratio Lower Upper

77 100

105 87.0 81.1 121.1

106 79.2 74.5 114.5

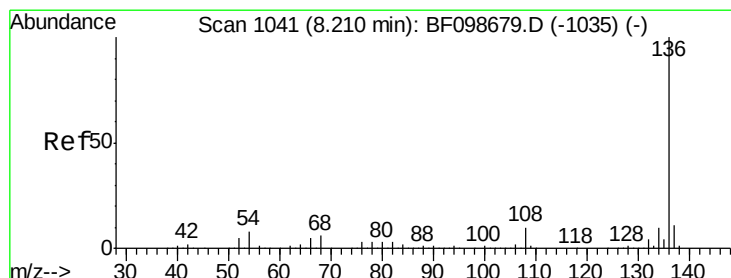
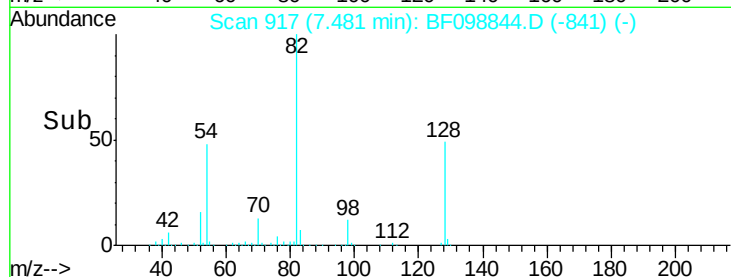
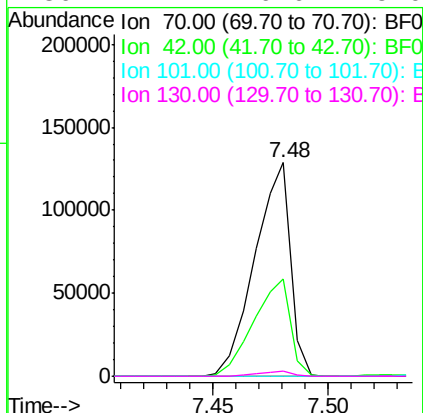
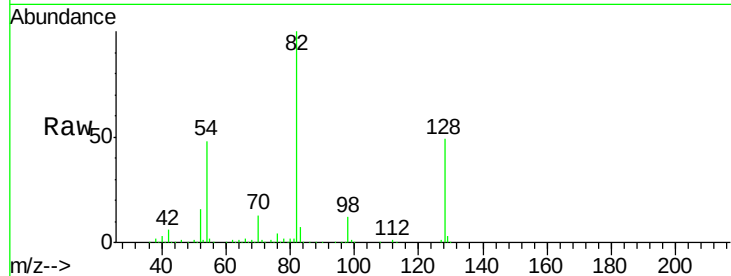




#19
n-Nitroso-di-n-propylamine
Concen: 17.42 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.15 min
Lab File: BF098844.D
Acq: 26 Sep 2017 20:47

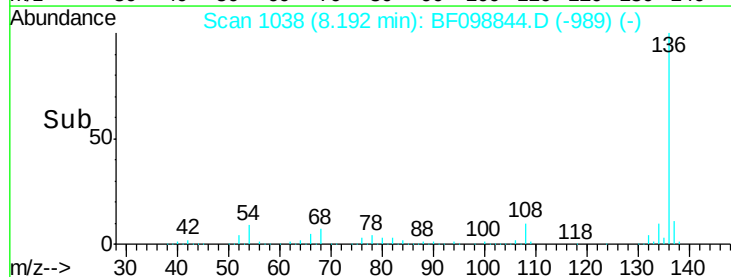
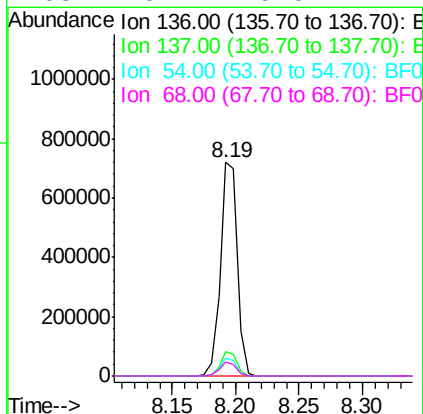
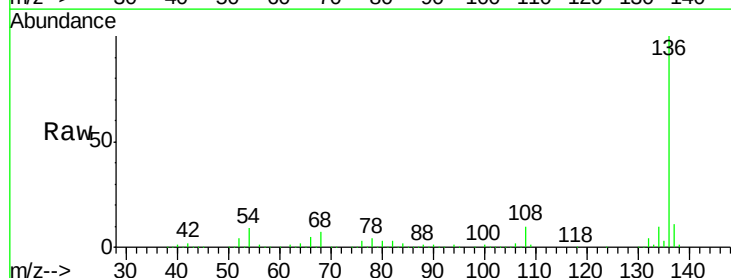
Instrument :
BNA_F
ClientSampleId :

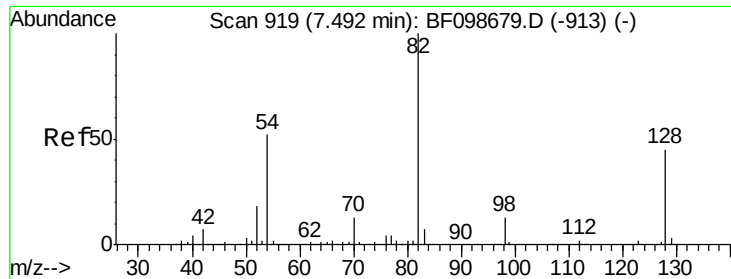
Tot Ion: 70 Resp: 137969
Ion Ratio Lower Upper
70 100
42 45.5 47.5 71.3#
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF098844.D
Acq: 26 Sep 2017 20:47

Tgt Ion: 136 Resp: 672912
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 8.6 6.6 9.8
68 6.7 5.0 7.4

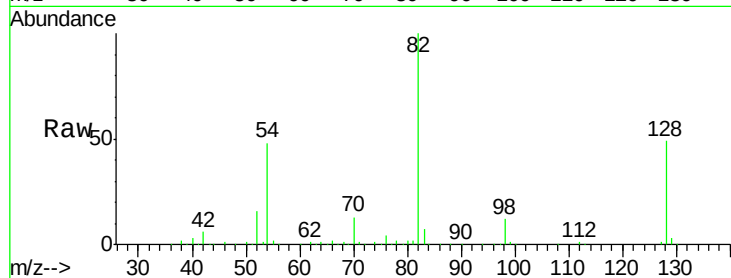




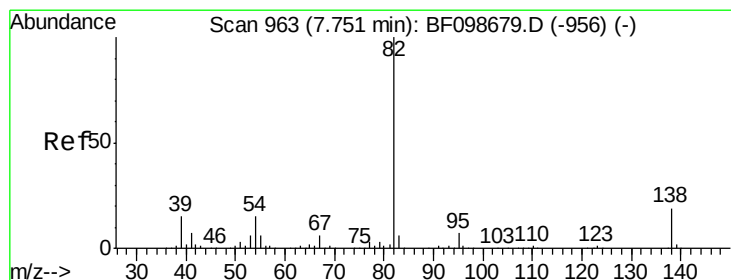
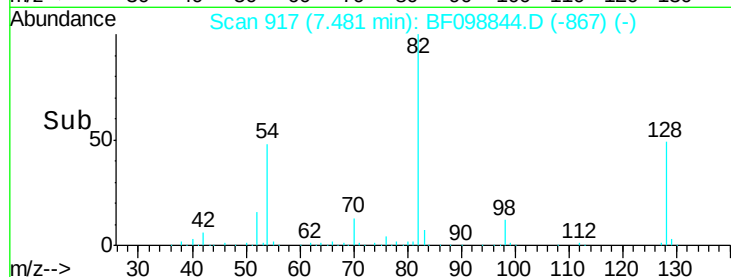
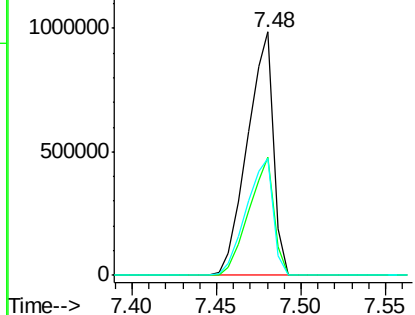
#23
 Nitrobenzene-d5
 Concen: 101.17 ng
 RT: 7.48 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BF098844.D
 Acq: 26 Sep 2017 20:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1061581
 Ion Ratio Lower Upper
 82 100
 128 48.8 36.1 54.1
 54 48.3 41.4 62.2

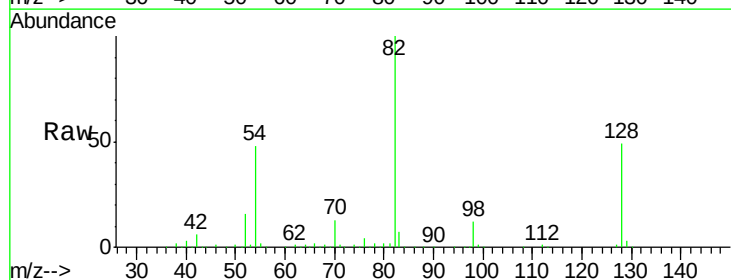


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

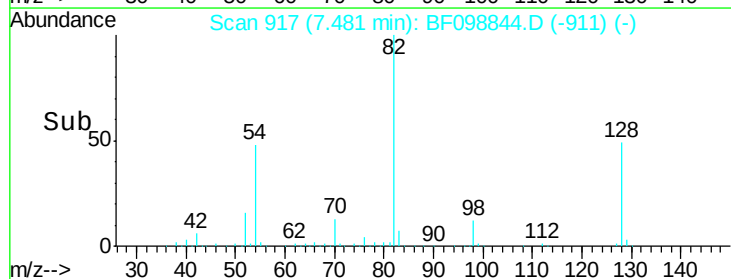
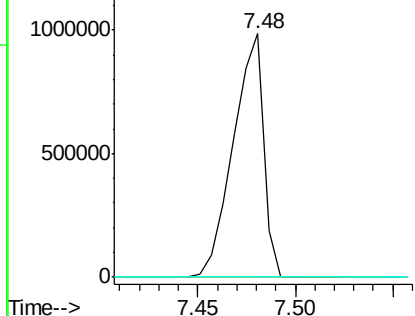


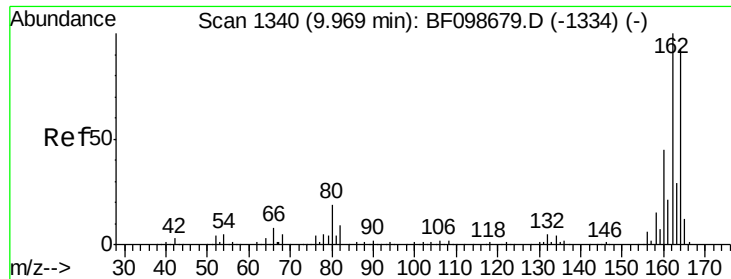
#25
 Isophorone
 Concen: 48.83 ng
 RT: 7.48 min Scan# 917
 Delta R.T. -0.26 min
 Lab File: BF098844.D
 Acq: 26 Sep 2017 20:47

Tgt Ion: 82 Resp: 1059430
 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

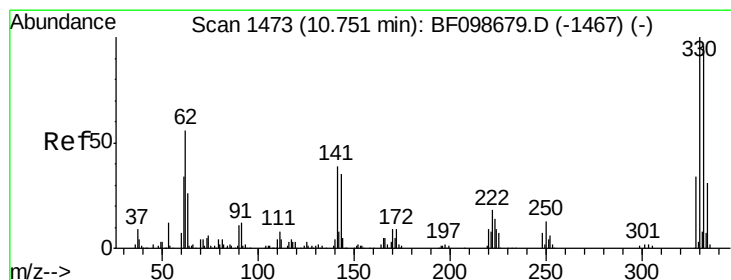
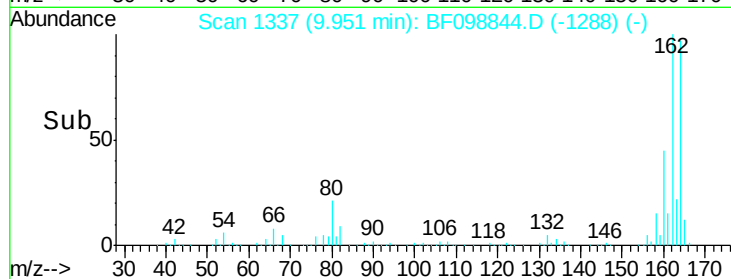
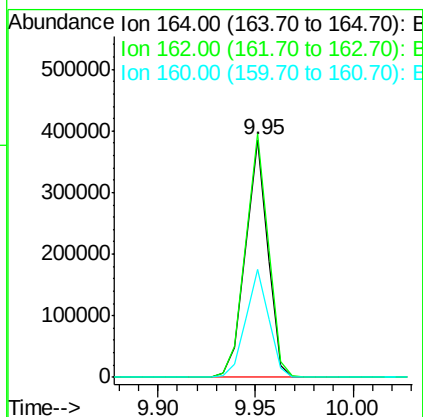
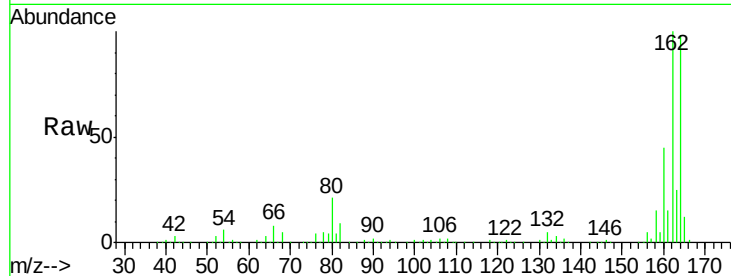




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF098844.D
 Acq: 26 Sep 2017 20:47

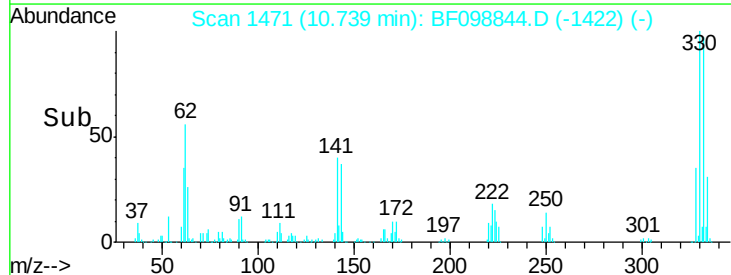
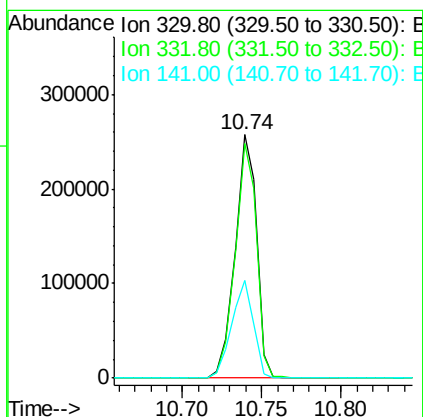
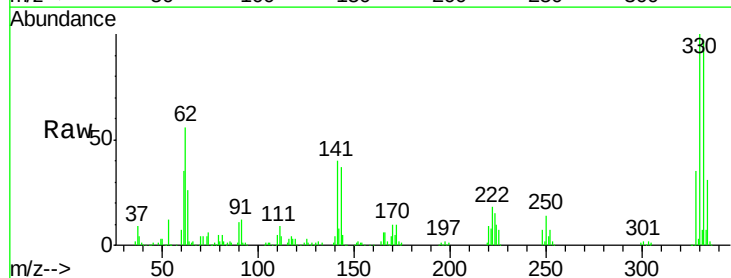
Instrument :
 BNA_F
 ClientSampleId :

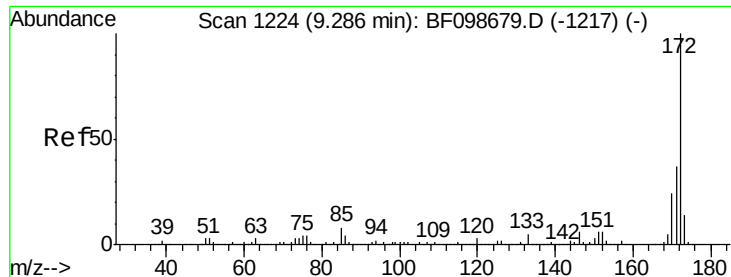
Tot Ion:164 Resp: 306428
 Ion Ratio Lower Upper
 164 100
 162 102.4 86.1 129.1
 160 45.6 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 96.76 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF098844.D
 Acq: 26 Sep 2017 20:47

Tgt Ion:330 Resp: 242610
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 40.3 29.9 44.9



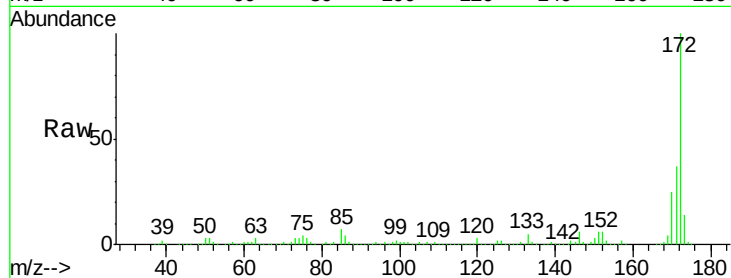


#44
 2-Fluorobiphenyl
 Concen: 99.79 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098844.D
 Acq: 26 Sep 2017 20:47

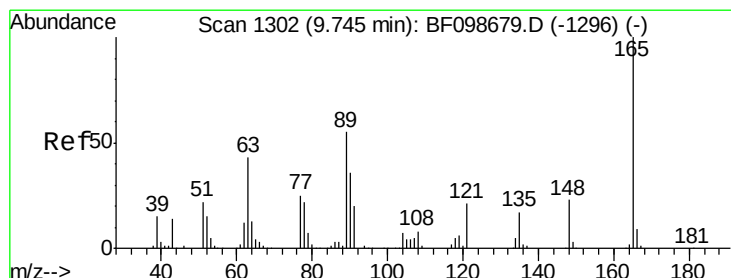
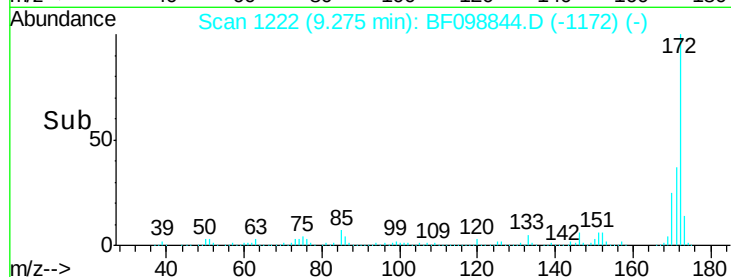
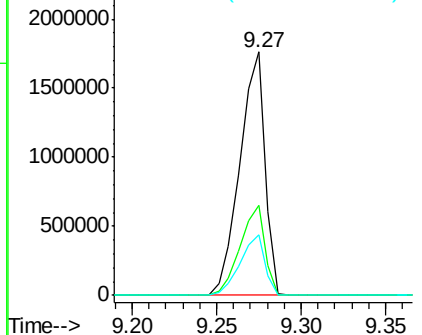
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1831679

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.7	19.6	29.4



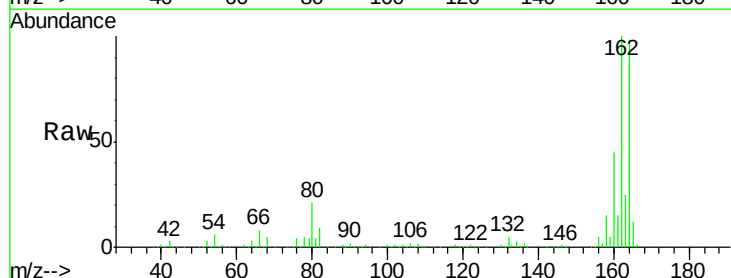
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



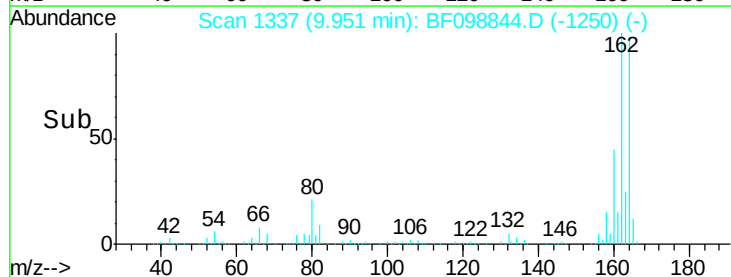
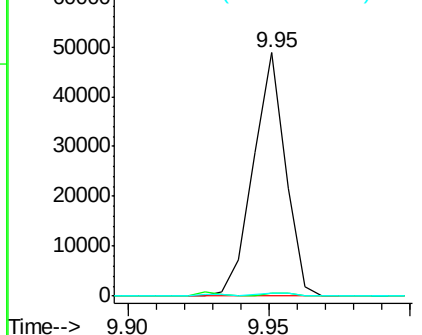
#50
 2,6-Dinitrotoluene
 Concen: 7.67 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. 0.21 min
 Lab File: BF098844.D
 Acq: 26 Sep 2017 20:47

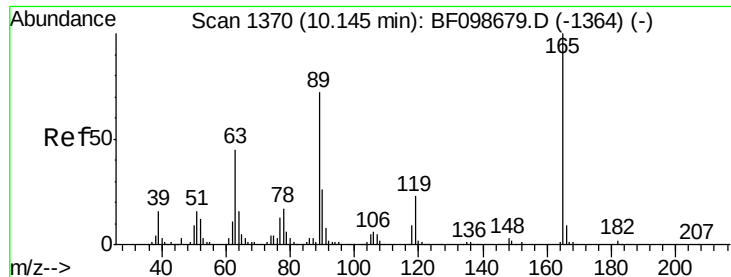
Tgt Ion:165 Resp: 38619

Ion	Ratio	Lower	Upper
165	100		
63	1.0	44.7	67.1#
89	1.2	44.0	66.0#



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





#56

2,4-Dinitrotoluene

Concen: 5.91 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.19 min

Lab File: BF098844.D

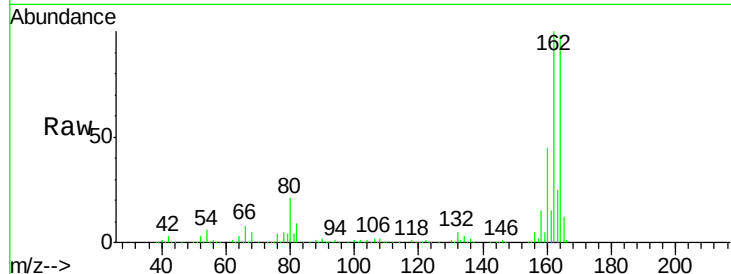
Acq: 26 Sep 2017 20:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165	Resp:	38619
Ion Ratio	Lower	Upper
165	100	
63	1.0	36.4 54.6#
89	1.2	57.8 86.6#
182	0.0	1.6 2.4#

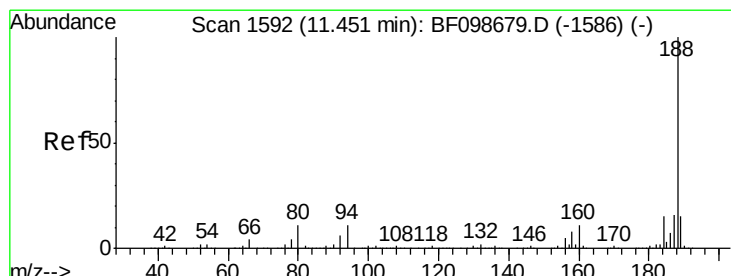
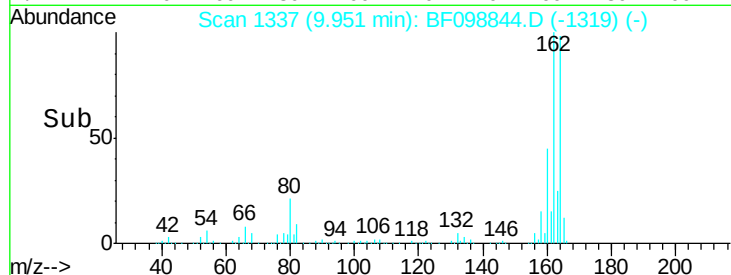
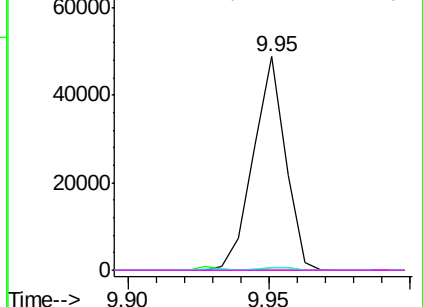


Abundance Ion 165.00 (164.70 to 165.70): E

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

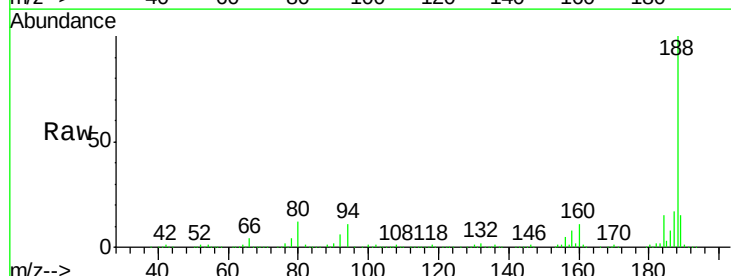
RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF098844.D

Acq: 26 Sep 2017 20:47

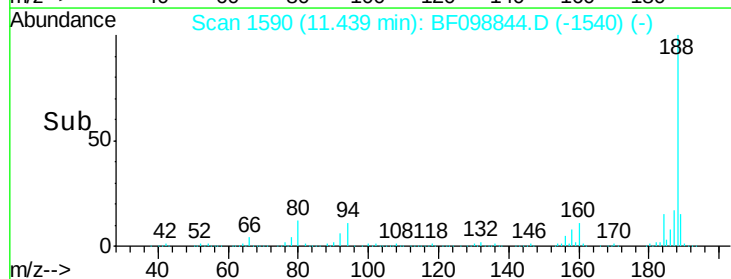
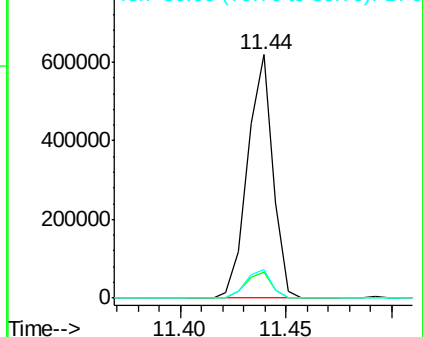
Tgt Ion:188	Resp:	514950
Ion Ratio	Lower	Upper
188	100	
94	10.8	8.5 12.7
80	11.7	9.2 13.8

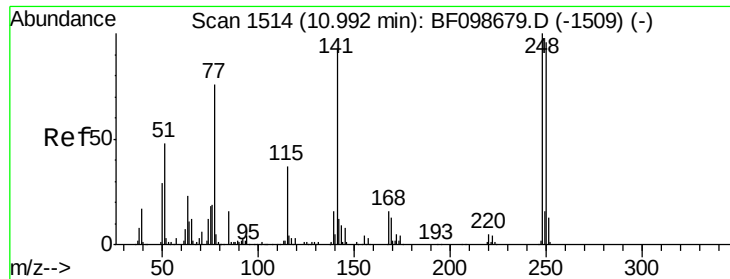


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

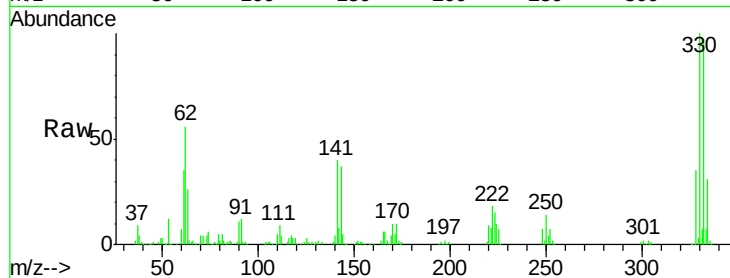




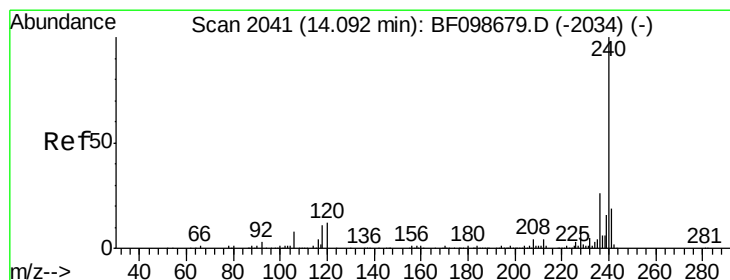
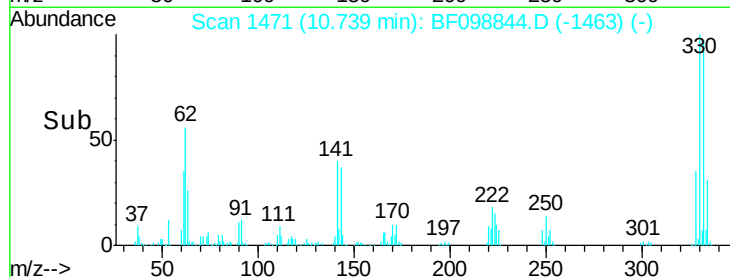
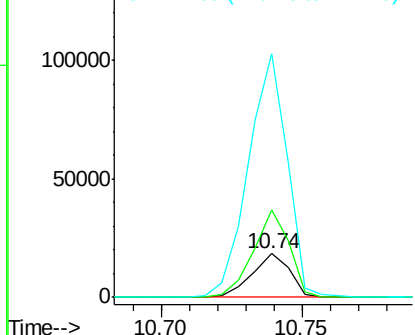
#66
 4-Bromophenyl-phenylether
 Concen: 3.37 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.25 min
 Lab File: BF098844.D
 Acq: 26 Sep 2017 20:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 16964
 Ion Ratio Lower Upper
 248 100
 250 198.9 76.9 115.3#
 141 556.8 74.4 111.6#

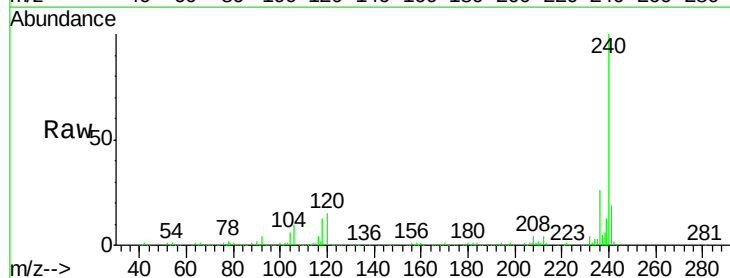


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

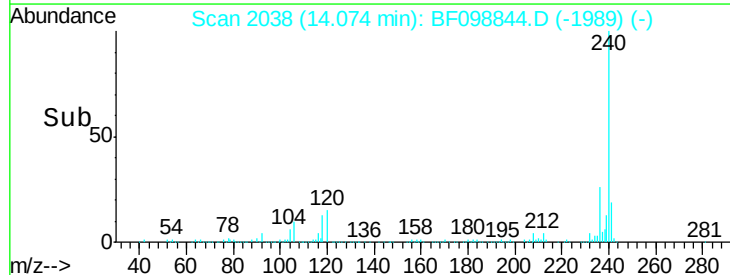
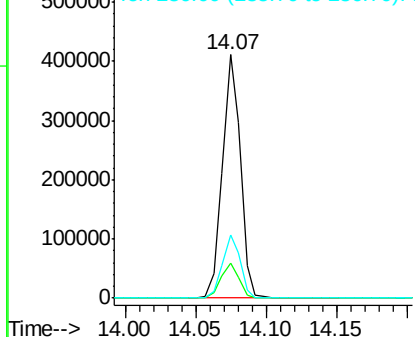


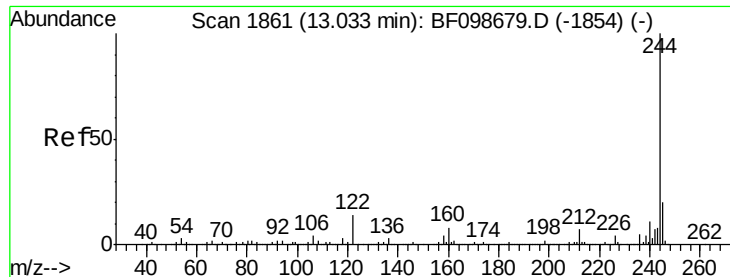
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.01 min
 Lab File: BF098844.D
 Acq: 26 Sep 2017 20:47

Tgt Ion:240 Resp: 363554
 Ion Ratio Lower Upper
 240 100
 120 14.6 9.5 14.3#
 236 26.0 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

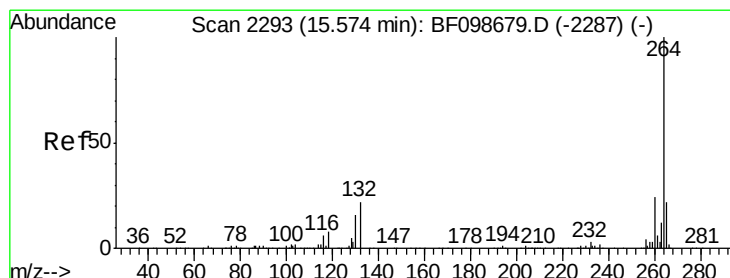
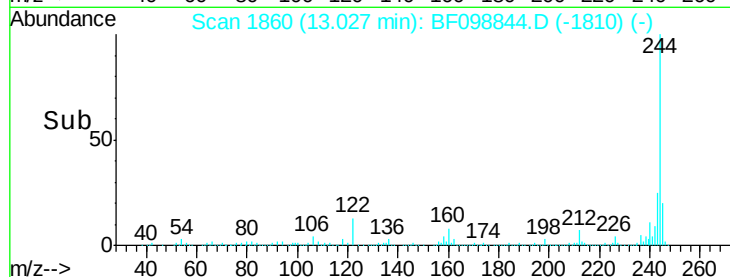
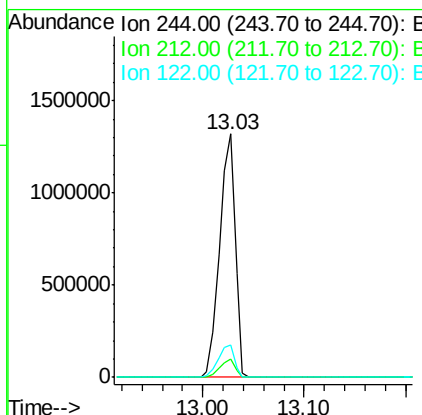
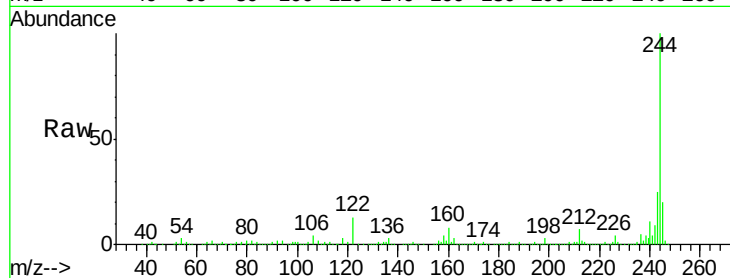




#78
 Terphenyl-d14
 Concen: 88.00 ng
 RT: 13.03 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: BF098844.D
 Acq: 26 Sep 2017 20:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1406783
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.0
 122 13.1 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.57 min Scan# 2292
 Delta R.T. -0.01 min
 Lab File: BF098844.D
 Acq: 26 Sep 2017 20:47

Tgt Ion:264 Resp: 338011
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.0 17.5 26.3

