

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092617\
 Data File : BF098843.D
 Acq On : 26 Sep 2017 20:19
 Operator : SJ/JU
 Sample : I5426-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 27 00:48:53 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

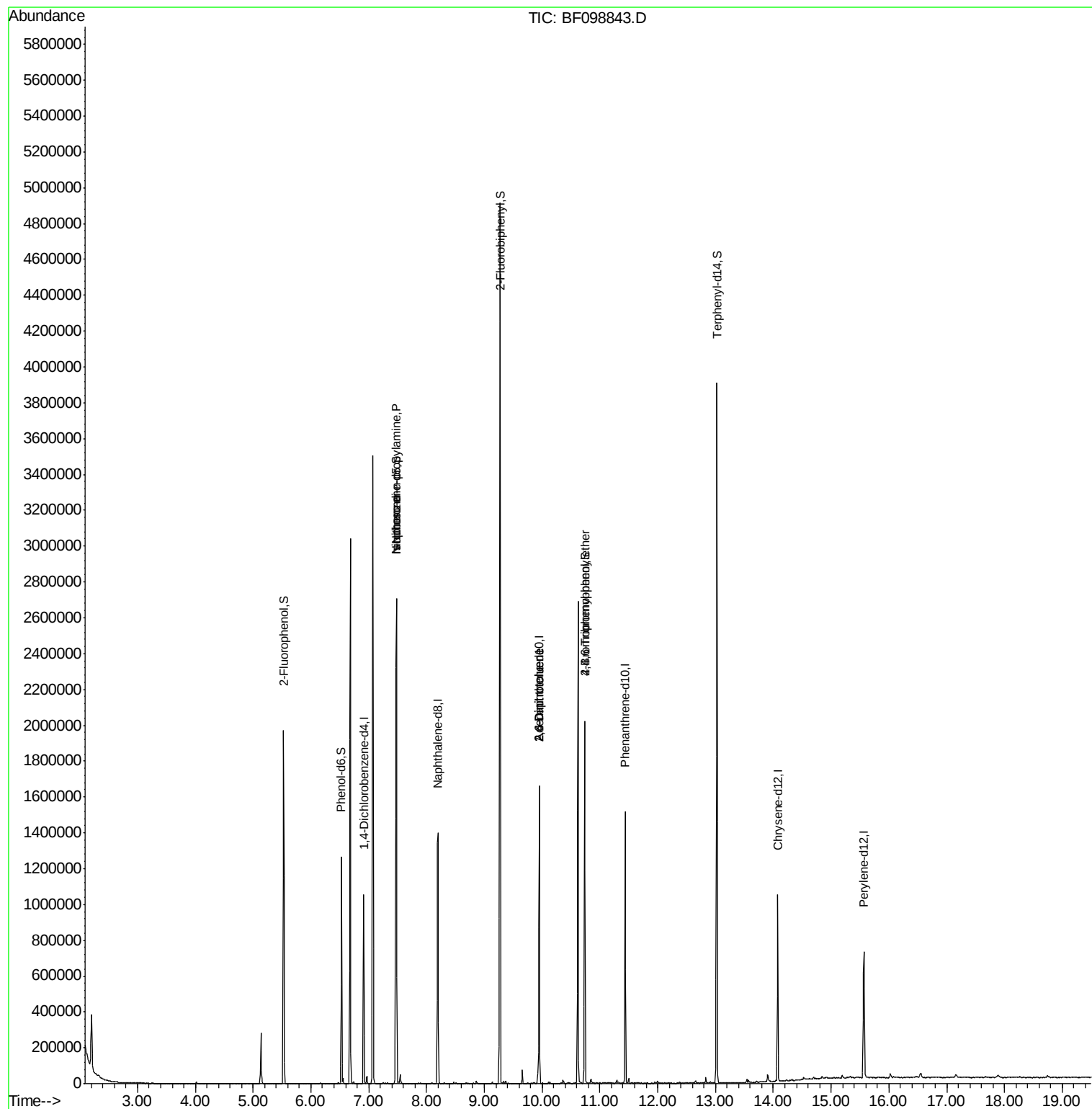
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	156405	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	655186	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	294964	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	479541	20.00	ng	0.00
75) Chrysene-d12	14.07	240	310234	20.00	ng	-0.01
86) Perylene-d12	15.57	264	302168	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	508300	51.74	ng	-0.01
7) Phenol-d6	6.53	99	396910	32.75	ng	-0.02
23) Nitrobenzene-d5	7.48	82	987756	96.68	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	214092	88.70	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	1722138	97.47	ng	0.00
78) Terphenyl-d14	13.03	244	1259282	92.31	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.48	70	130121	16.82	ng	# 76
25) Isophorone	7.48	82	984971	46.63	ng	# 64
50) 2,6-Dinitrotoluene	9.95	165	37919	7.82	ng	# 25
56) 2,4-Dinitrotoluene	9.95	165	37919	6.03	ng	# 23
66) 4-Bromophenyl-phenylether	10.74	248	15042	3.20	ng	# 1

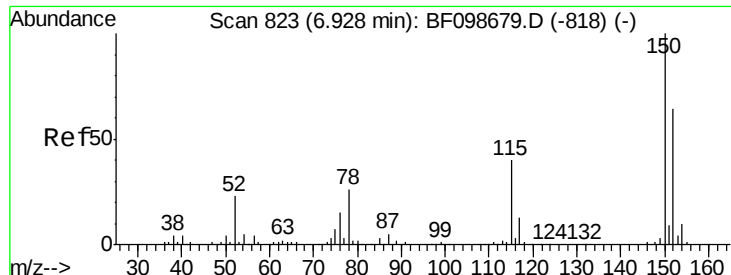
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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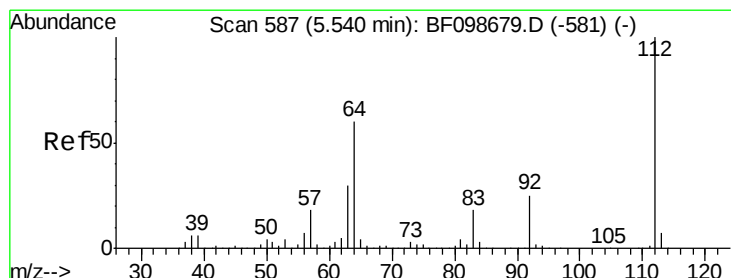
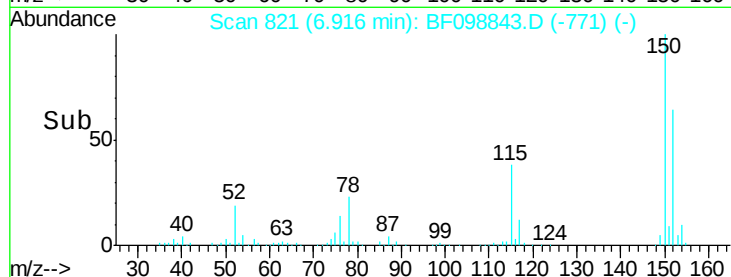
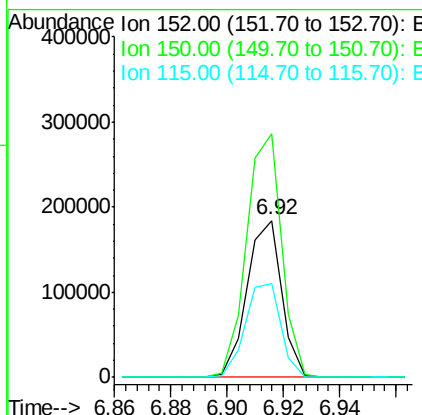
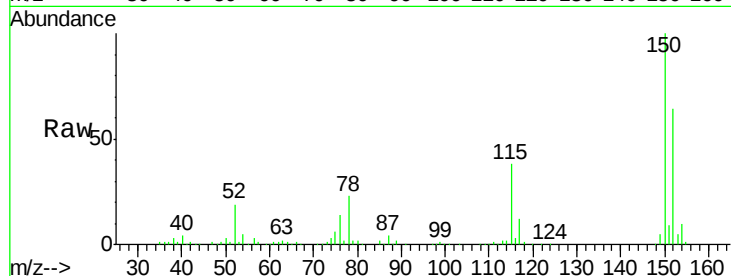




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF098843.D
 Acq: 26 Sep 2017 20:19

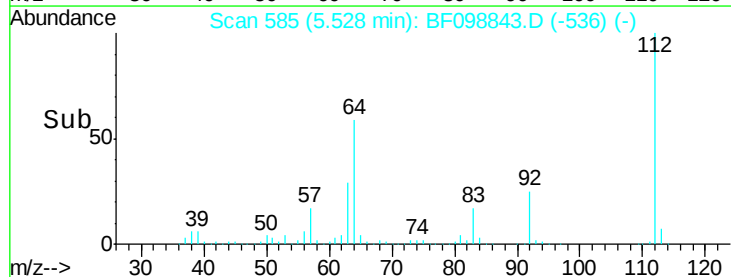
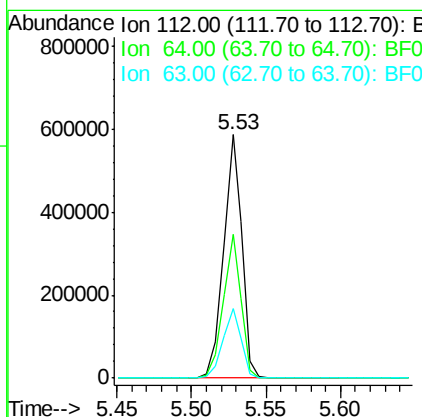
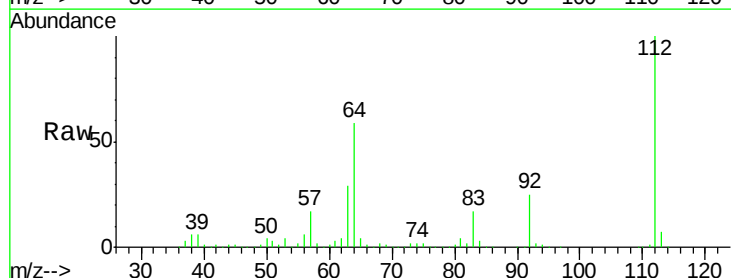
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 156405
 Ion Ratio Lower Upper
 152 100
 150 155.3 124.6 186.8
 115 59.5 50.1 75.1



#5
 2-Fluorophenol
 Concen: 51.74 ng
 RT: 5.53 min Scan# 585
 Delta R.T. -0.01 min
 Lab File: BF098843.D
 Acq: 26 Sep 2017 20:19

Tgt Ion:112 Resp: 508300
 Ion Ratio Lower Upper
 112 100
 64 59.0 47.9 71.9
 63 28.7 23.7 35.5





#7

Phenol-d6

Concen: 32.75 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF098843.D

Acq: 26 Sep 2017 20:19

Instrument :

BNA_F

ClientSampleId :

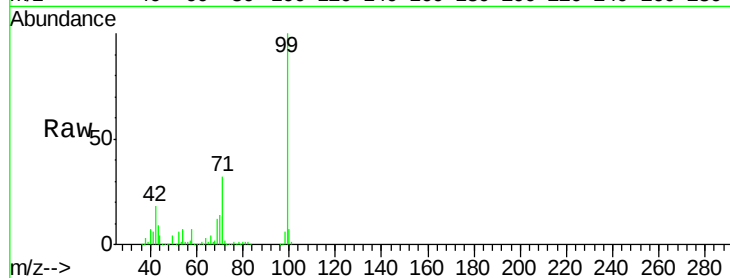
Tot Ion: 99 Resp: 396910

Ion Ratio Lower Upper

99 100

42 18.2 14.5 21.7

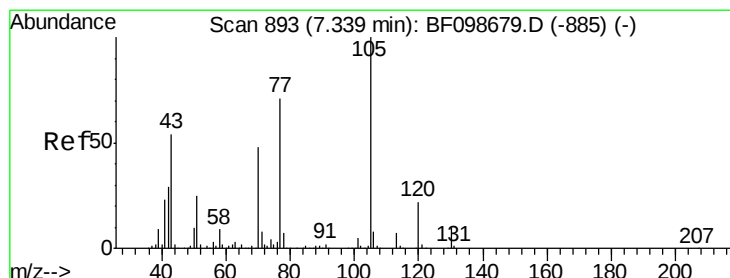
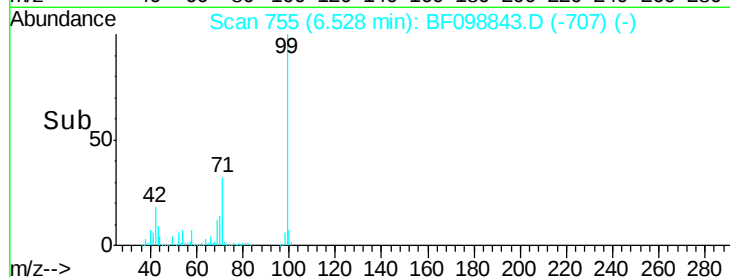
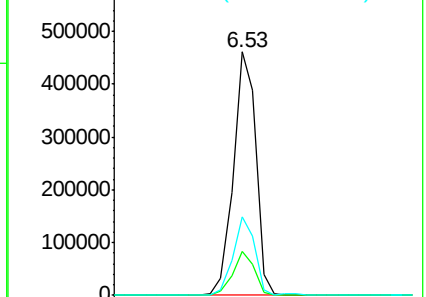
71 32.1 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.82 ng

RT: 7.48 min Scan# 917

Delta R.T. 0.15 min

Lab File: BF098843.D

Acq: 26 Sep 2017 20:19

Tgt Ion: 70 Resp: 130121

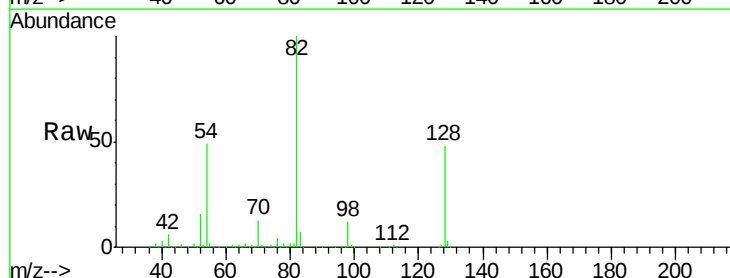
Ion Ratio Lower Upper

70 100

42 45.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

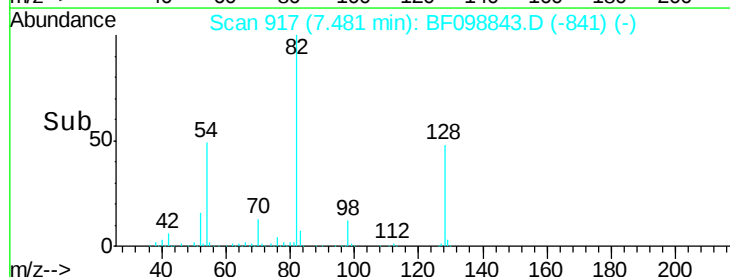
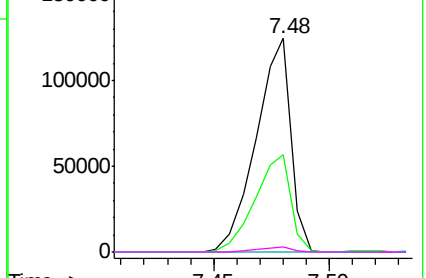


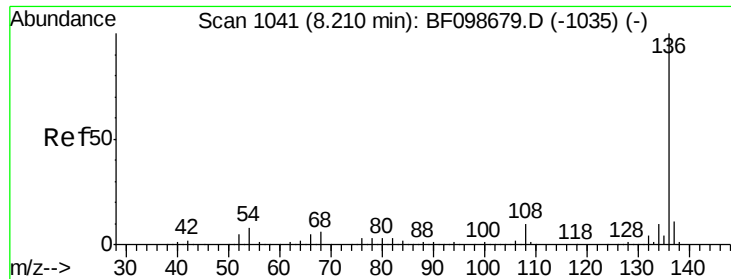
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

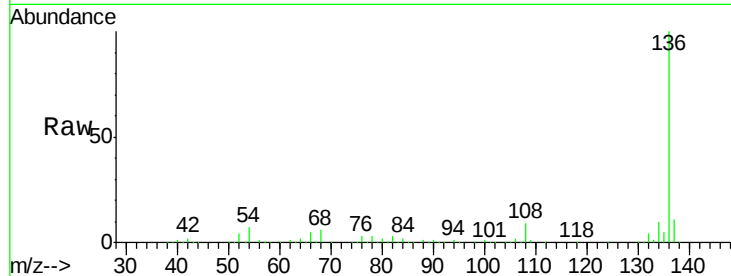




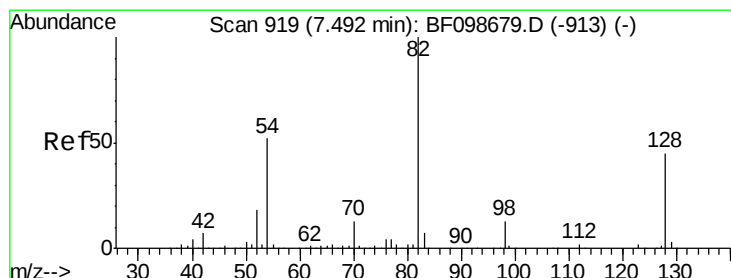
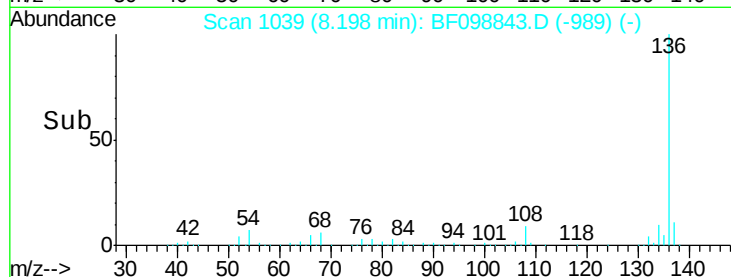
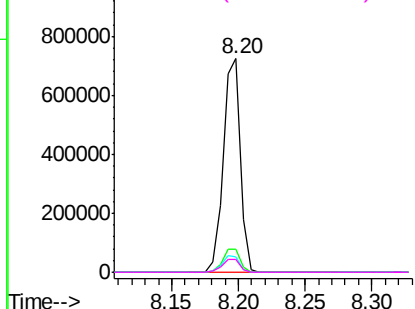
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098843.D
Acq: 26 Sep 2017 20:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	655186
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.2	6.6	9.8
68	5.8	5.0	7.4

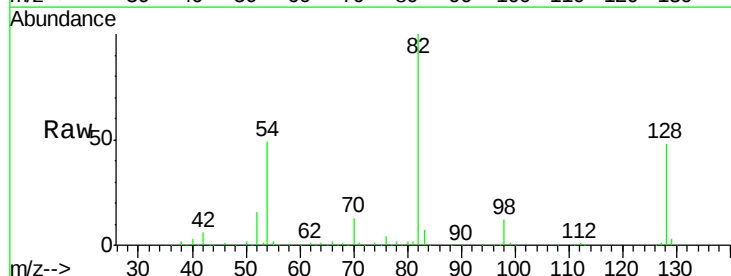


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

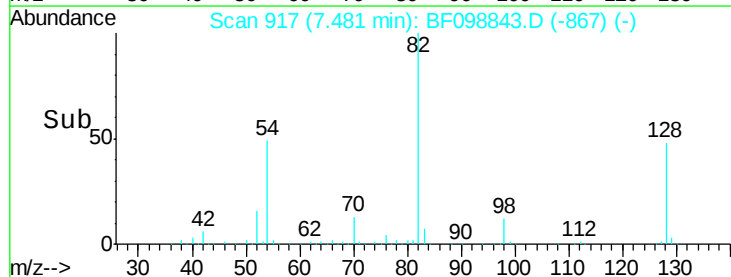
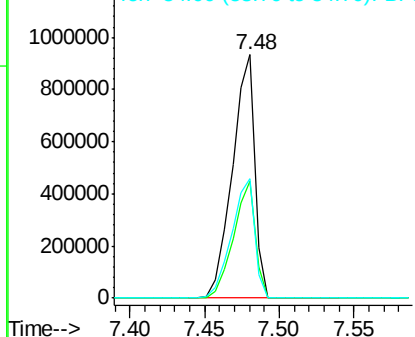


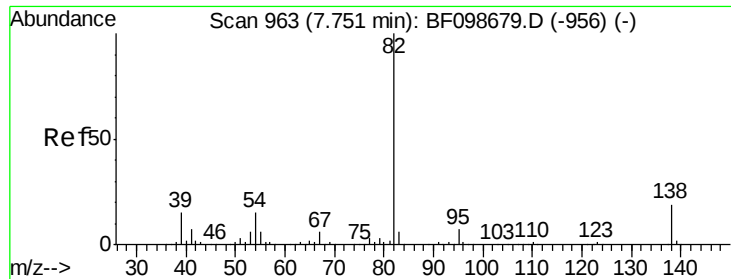
#23
Nitrobenzene-d5
Concen: 96.68 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF098843.D
Acq: 26 Sep 2017 20:19

Tgt Ion:	82	Resp:	987756
Ion	Ratio	Lower	Upper
82	100		
128	48.2	36.1	54.1
54	49.3	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: 46.63 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.26 min

Lab File: BF098843.D

Acq: 26 Sep 2017 20:19

Instrument :

BNA_F

ClientSampleId :

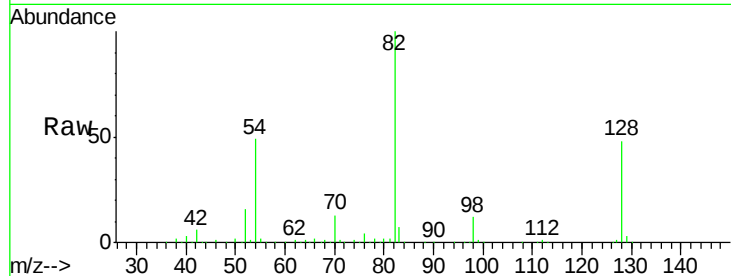
Tot Ion: 82 Resp: 984971

Ion Ratio Lower Upper

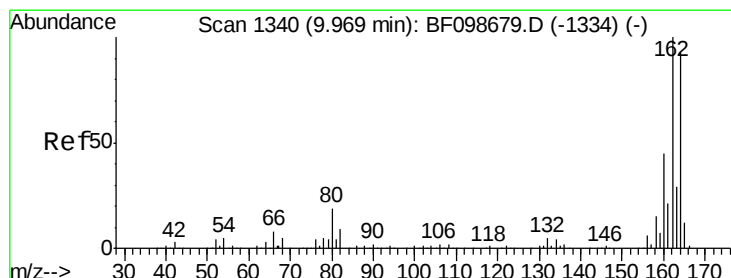
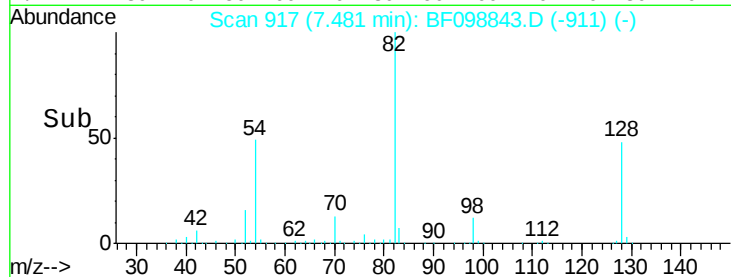
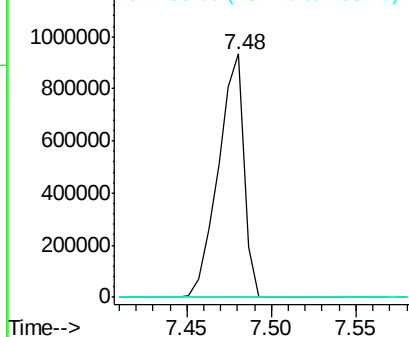
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF098843.D

Acq: 26 Sep 2017 20:19

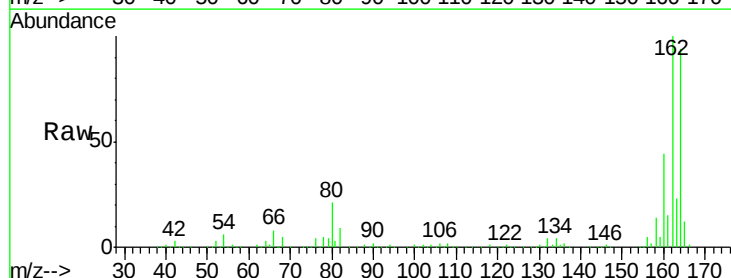
Tgt Ion: 164 Resp: 294964

Ion Ratio Lower Upper

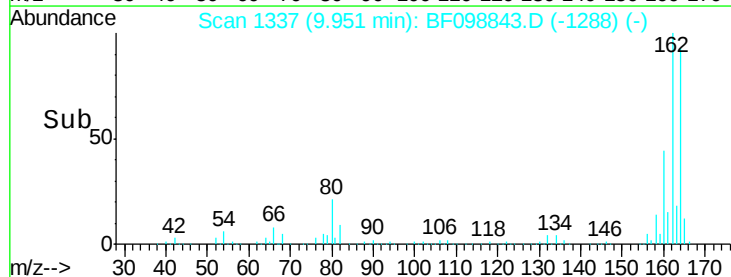
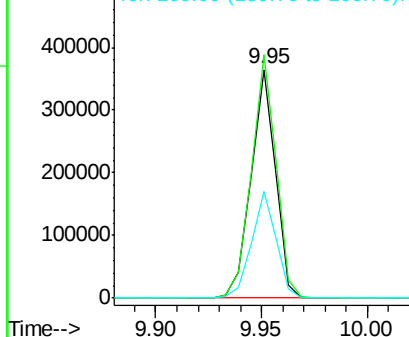
164 100

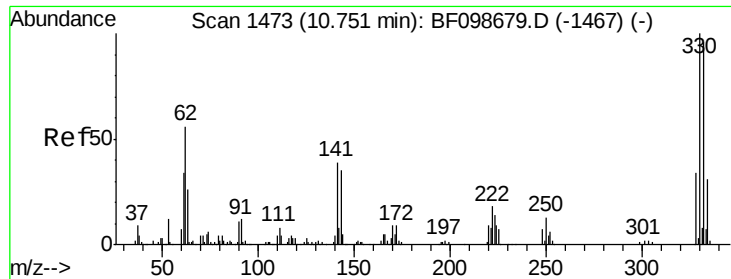
162 106.7 86.1 129.1

160 46.9 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

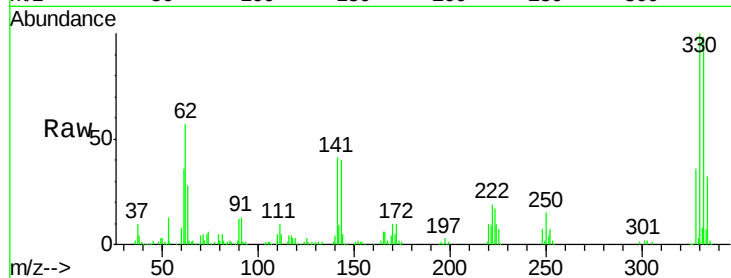




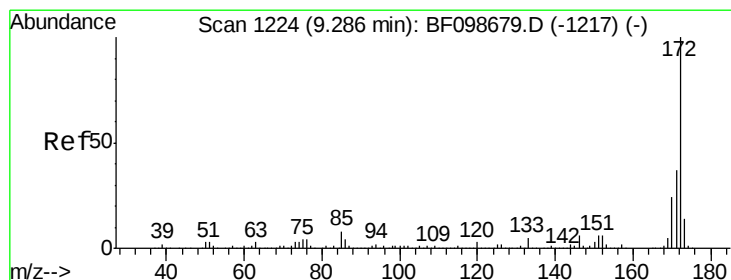
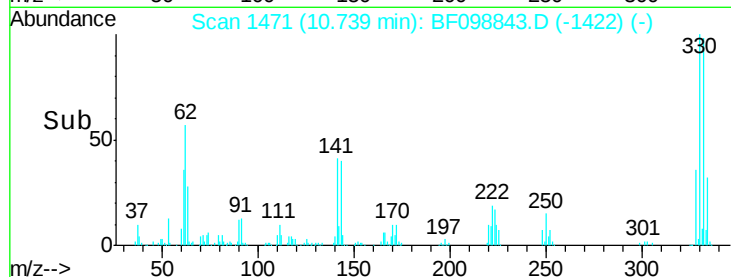
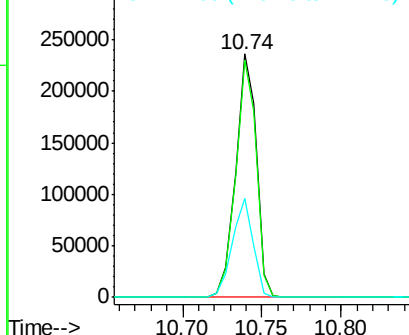
#41
 2,4,6-Tribromophenol
 Concen: 88.70 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF098843.D
 Acq: 26 Sep 2017 20:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	41.0	29.9	44.9

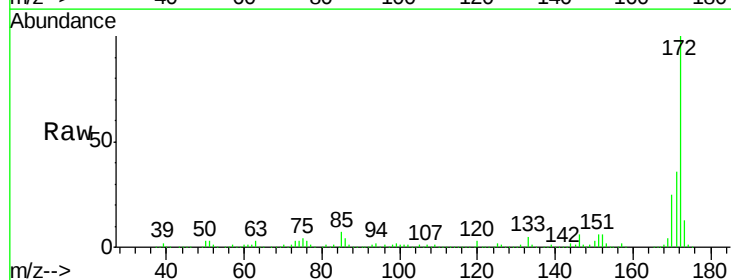


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

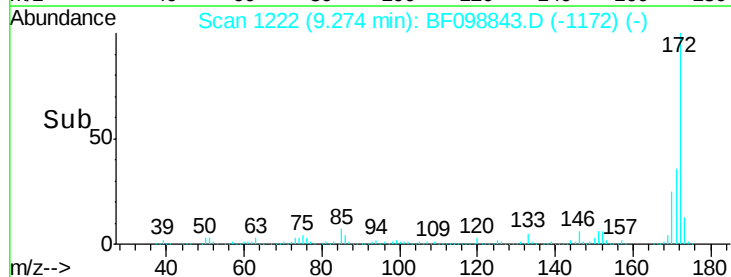
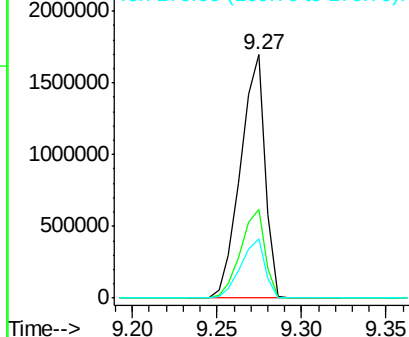


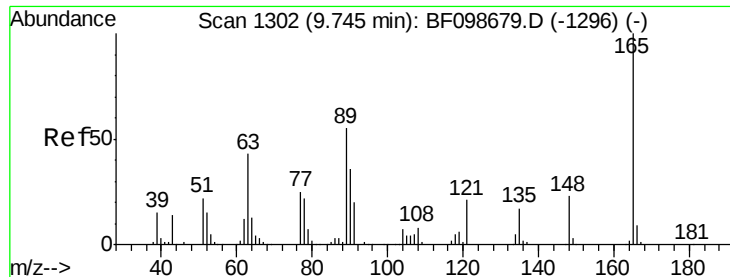
#44
 2-Fluorobiphenyl
 Concen: 97.47 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098843.D
 Acq: 26 Sep 2017 20:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.6	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

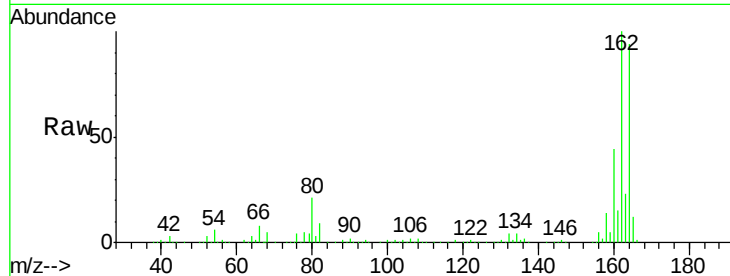




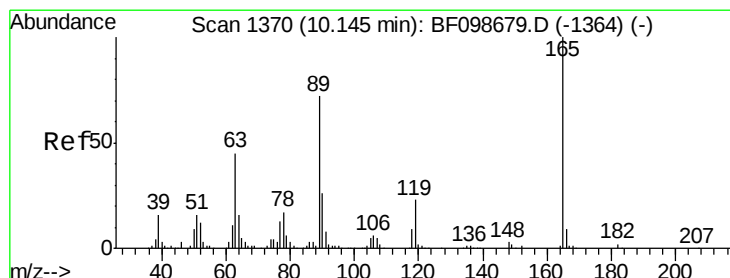
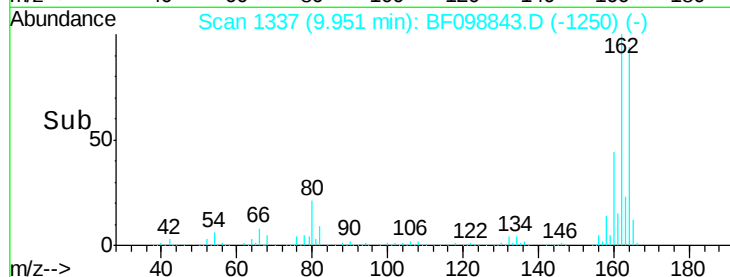
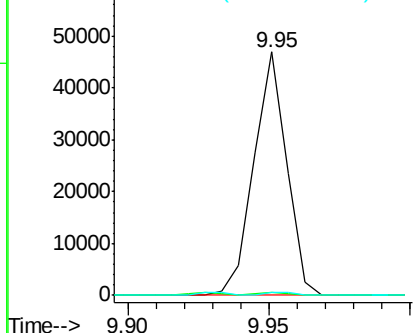
#50
 2,6-Dinitrotoluene
 Concen: 7.82 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. 0.21 min
 Lab File: BF098843.D
 Acq: 26 Sep 2017 20:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.3	44.0	66.0#



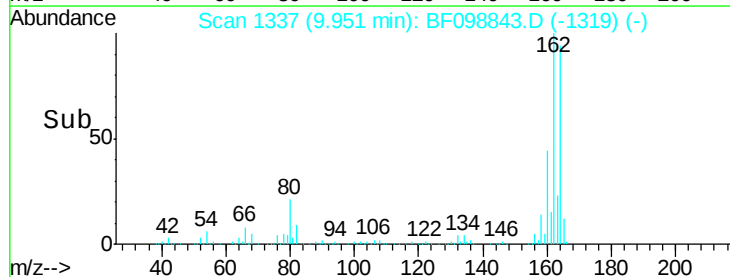
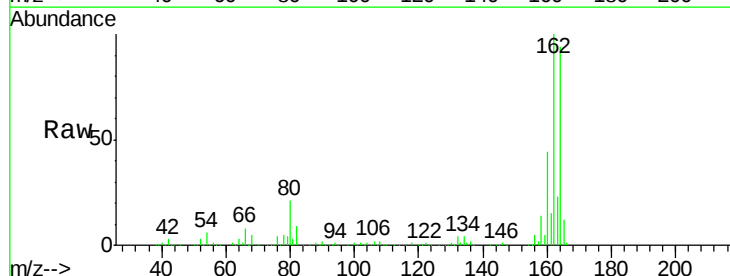
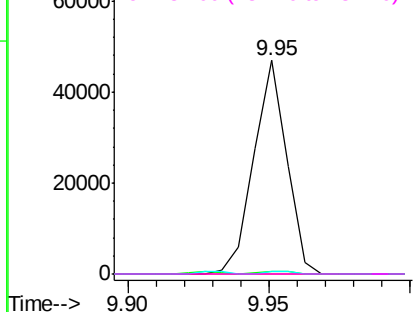
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

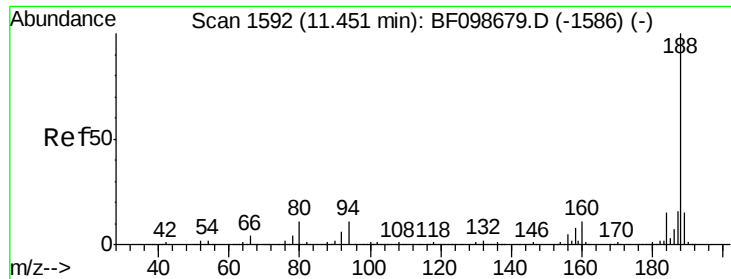


#56
 2,4-Dinitrotoluene
 Concen: 6.03 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.19 min
 Lab File: BF098843.D
 Acq: 26 Sep 2017 20:19

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	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

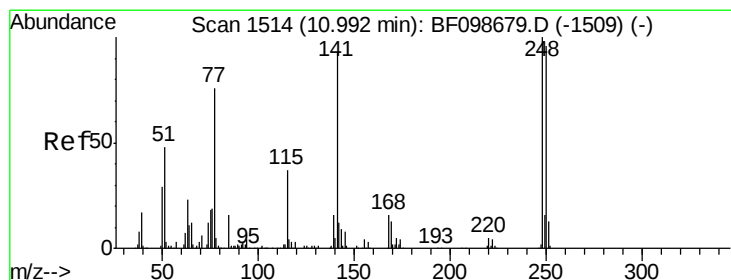
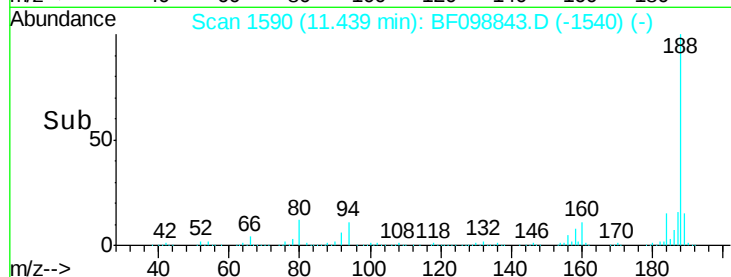
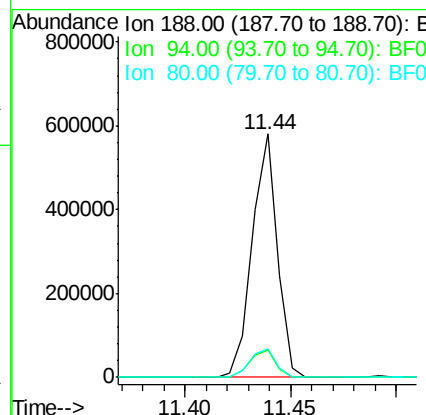
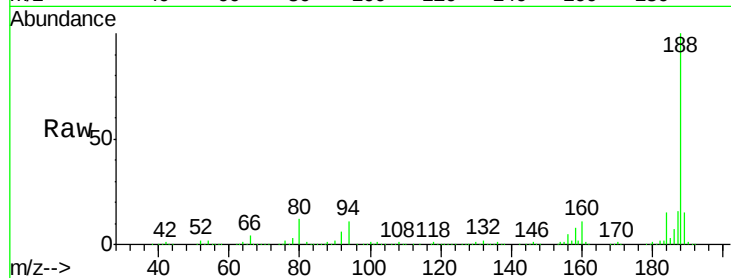




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098843.D
Acq: 26 Sep 2017 20:19

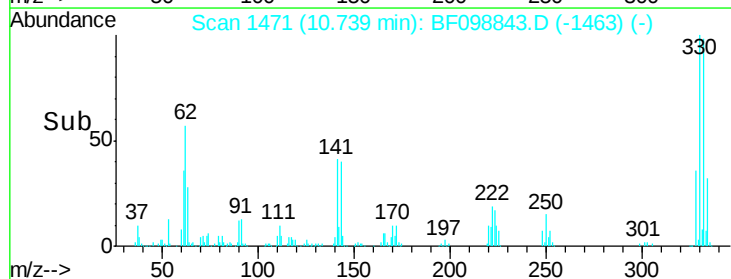
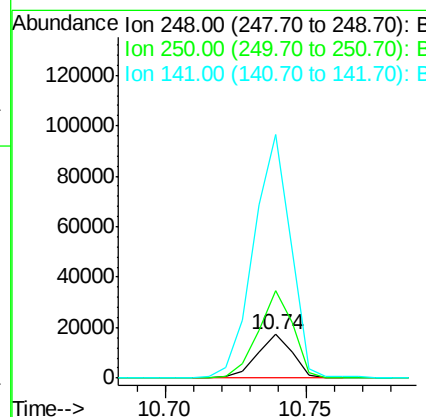
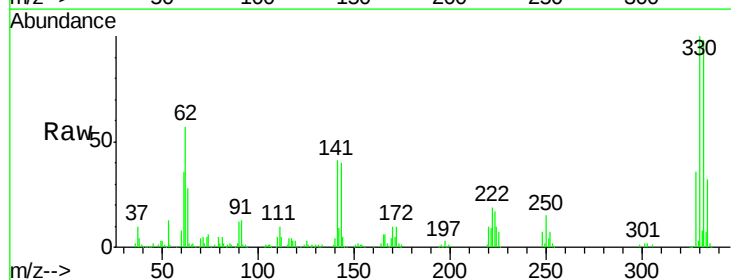
Instrument :
BNA_F
ClientSampleId :

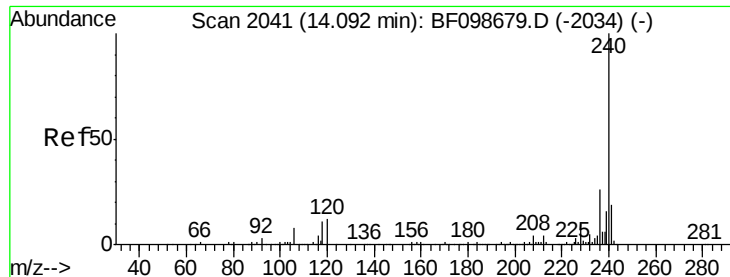
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.5	12.7
80	11.6	9.2	13.8



#66
4-Bromophenyl-phenylether
Concen: 3.20 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.25 min
Lab File: BF098843.D
Acq: 26 Sep 2017 20:19

Tgt Ion	Ratio	Lower	Upper
248	100		
250	198.5	76.9	115.3#
141	556.3	74.4	111.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF098843.D

Acq: 26 Sep 2017 20:19

Instrument :

BNA_F

ClientSampleId :

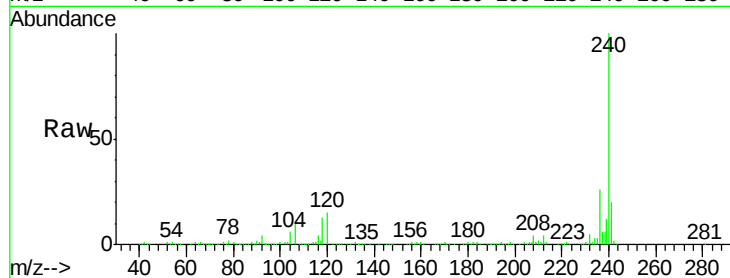
Tot Ion:240 Resp: 310234

Ion Ratio Lower Upper

240 100

120 14.7 9.5 14.3#

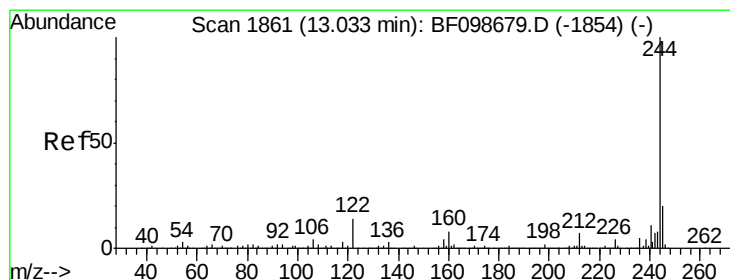
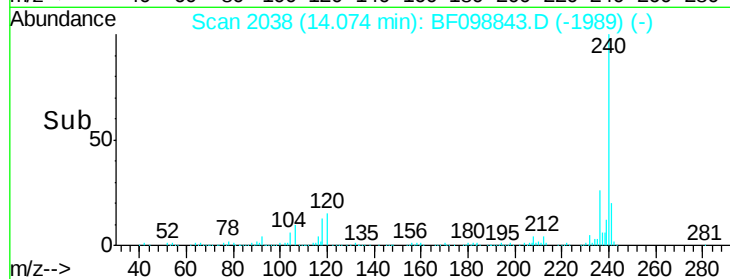
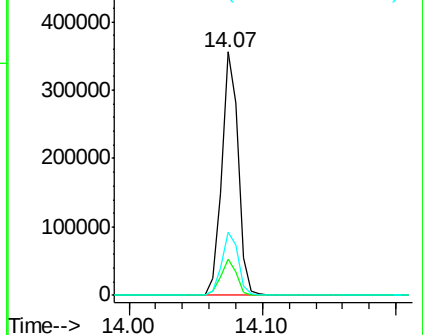
236 26.2 20.7 31.1



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: 92.31 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098843.D

Acq: 26 Sep 2017 20:19

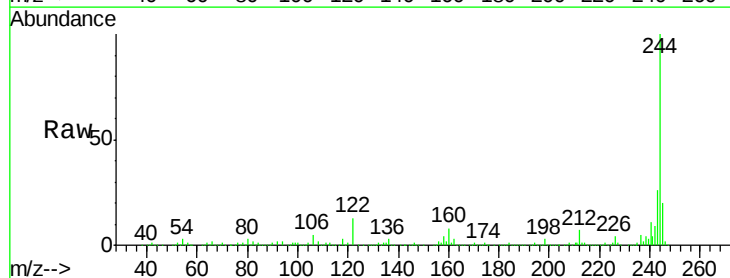
Tgt Ion:244 Resp: 1259282

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

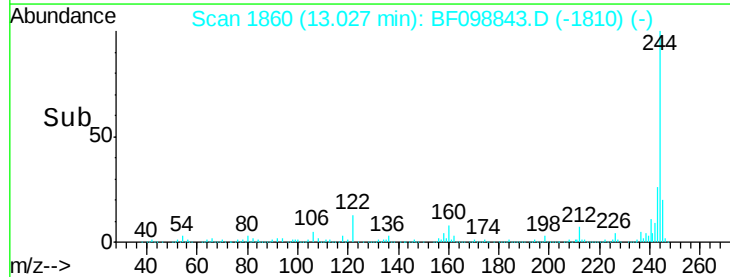
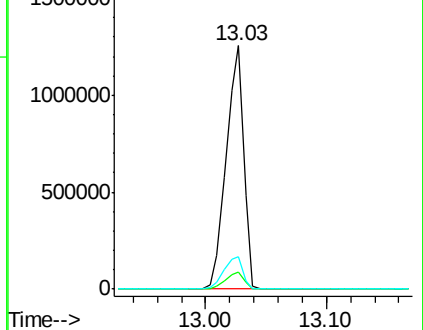
122 13.3 11.0 16.4

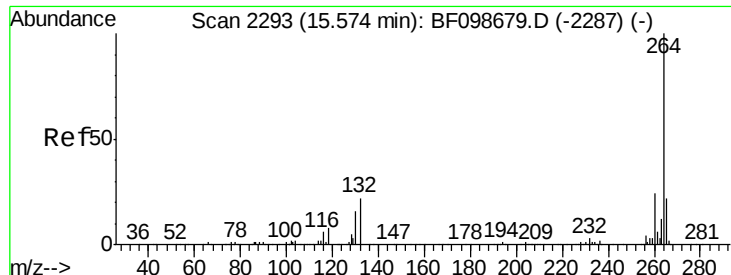


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

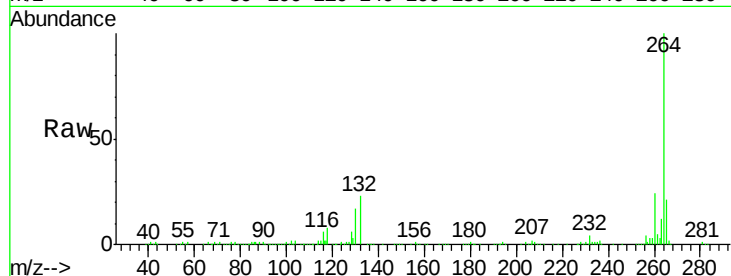




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.57 min Scan# 2292
 Delta R.T. -0.01 min
 Lab File: BF098843.D
 Acq: 26 Sep 2017 20:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.8	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

