

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
 Data File : BF094700.D
 Acq On : 28 Apr 2017 22:47
 Operator : SJ/MA
 Sample : I2895-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 29 03:53:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

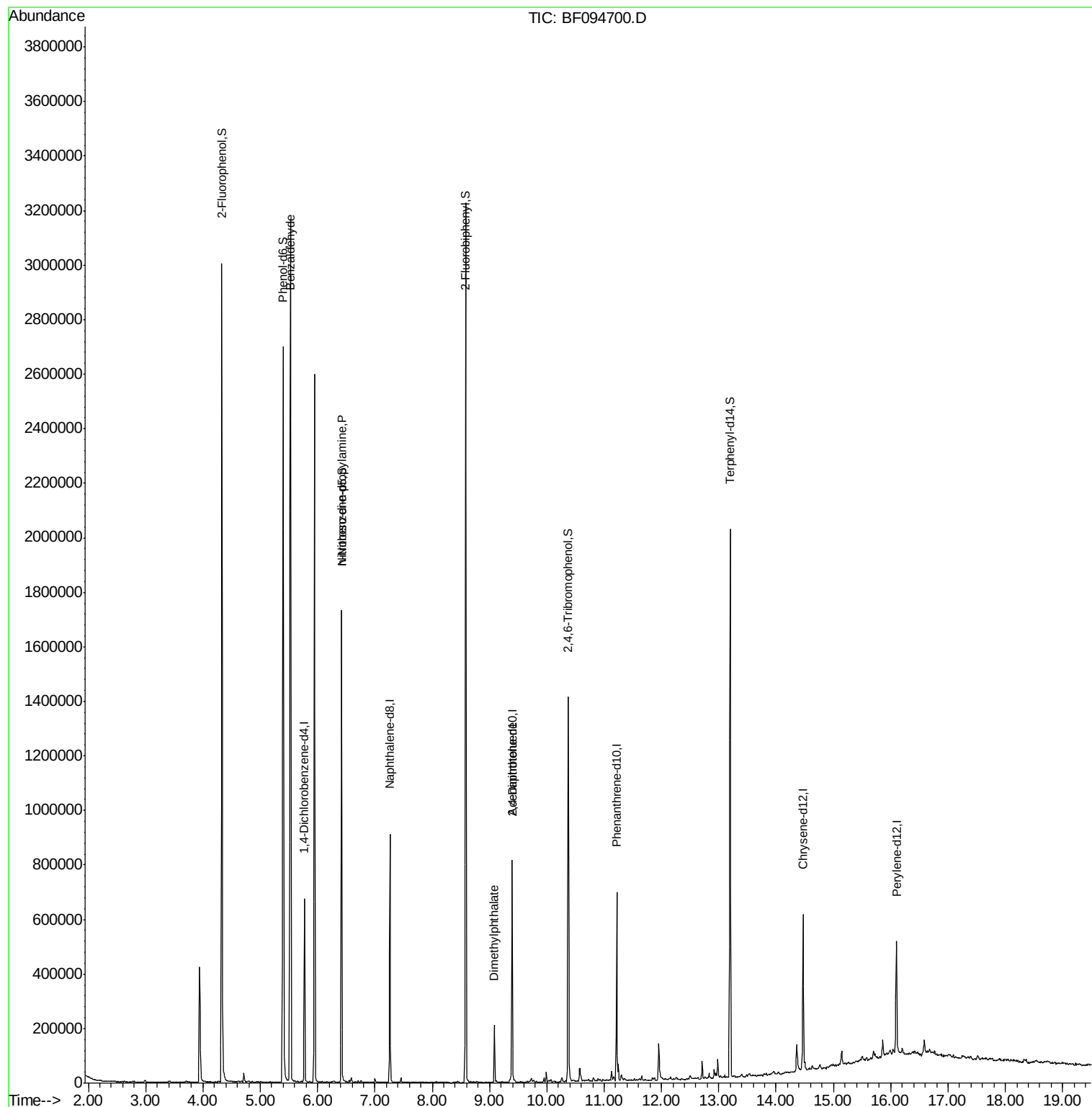
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	109319	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	414495	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	170675	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	266263	20.00	ng	0.00
75) Chrysene-d12	14.47	240	217574	20.00	ng	0.00
86) Perylene-d12	16.10	264	163667	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	921415	139.84	ng	0.03
7) Phenol-d6	5.40	99	1162962	149.71	ng	0.00
23) Nitrobenzene-d5	6.42	82	656232	97.76	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	192517	144.21	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1103575	95.14	ng	0.00
78) Terphenyl-d14	13.20	244	761173	93.51	ng	0.00
Target Compounds						
9) Benzaldehyde	5.52	77	20320	3.44	ng	Qvalue 85
19) n-Nitroso-di-n-propylamine	6.42	70	87802	17.06	ng	# 76
49) Dimethylphthalate	9.08	163	95417	7.50	ng	99
56) 2,4-Dinitrotoluene	9.40	165	22222	6.34	ng	# 31

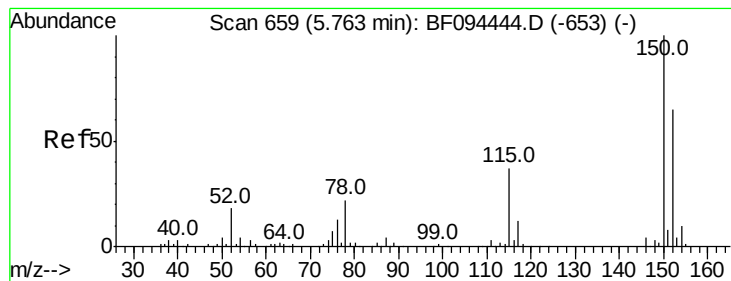
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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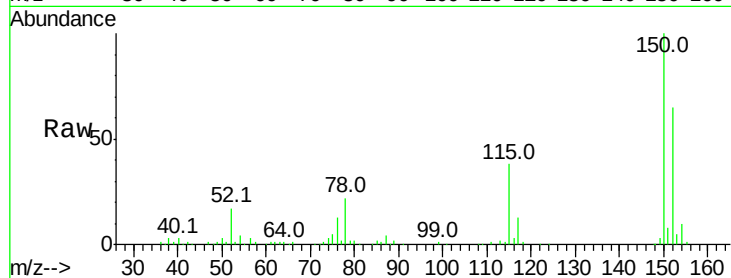


#1

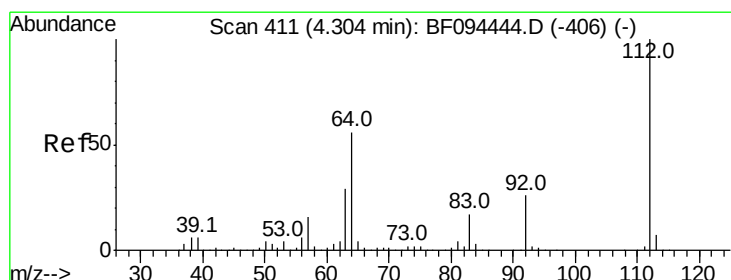
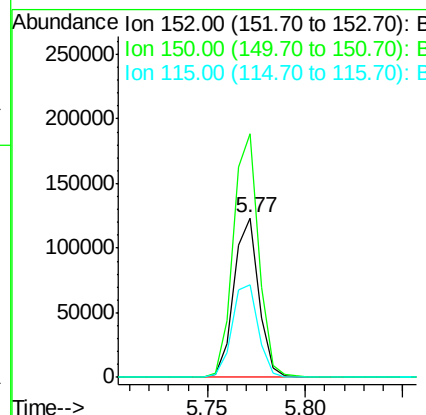
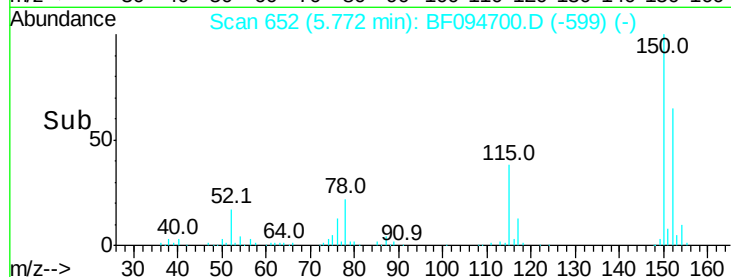
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF094700.D
Acq: 28 Apr 2017 22:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 109319
Ion Ratio Lower Upper
152 100
150 153.0 126.2 189.2
115 57.8 52.2 78.2



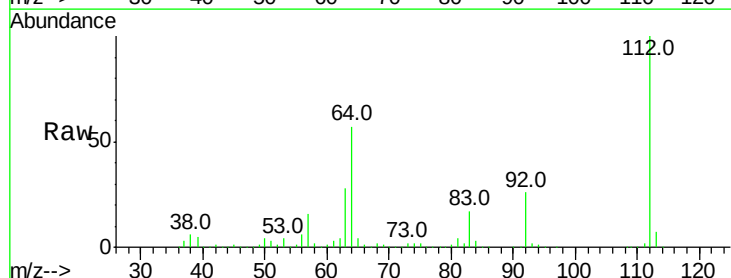
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



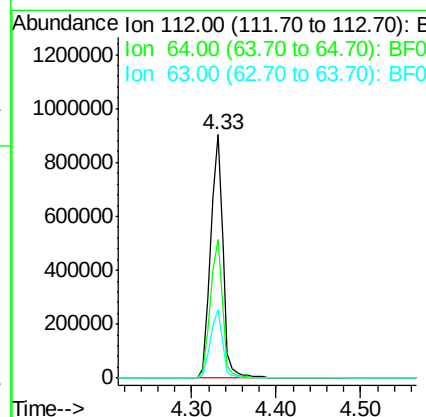
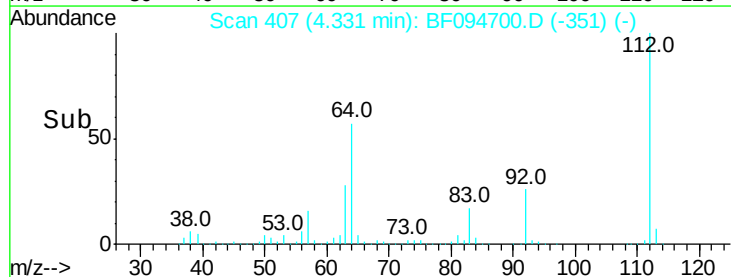
#5

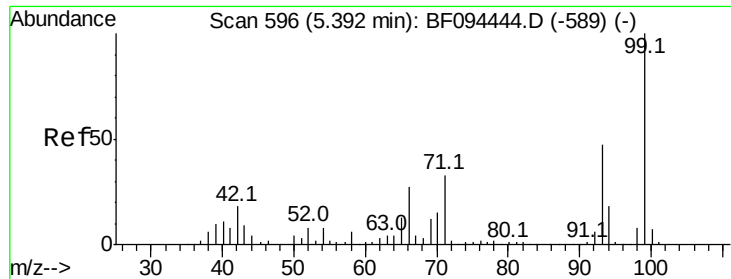
2-Fluorophenol
Concen: 139.84 ng
RT: 4.33 min Scan# 407
Delta R.T. 0.03 min
Lab File: BF094700.D
Acq: 28 Apr 2017 22:47

Tgt Ion:112 Resp: 921415
Ion Ratio Lower Upper
112 100
64 57.2 46.0 69.0
63 28.2 23.4 35.0



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: 149.71 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094700.D

Acq: 28 Apr 2017 22:47

Instrument :

BNA_F

ClientSampleId :

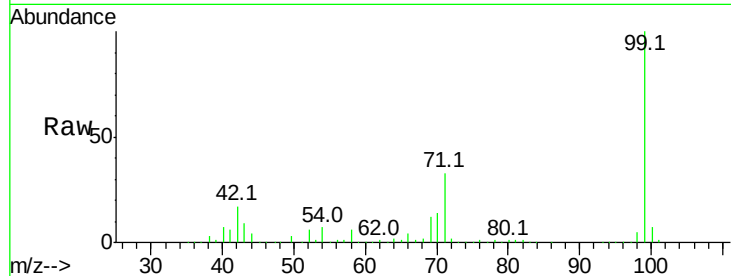
Tot Ion: 99 Resp: 1162962

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.5	20.3
71	33.2	24.5	36.7

99 100

42 16.9 13.5 20.3

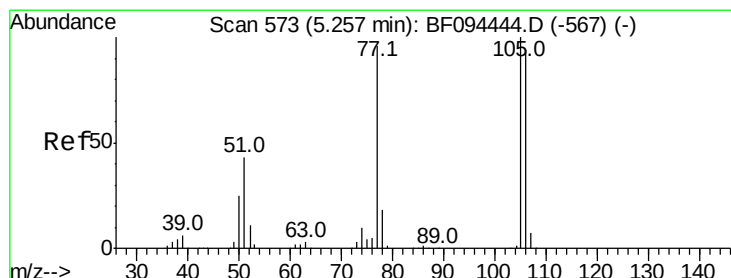
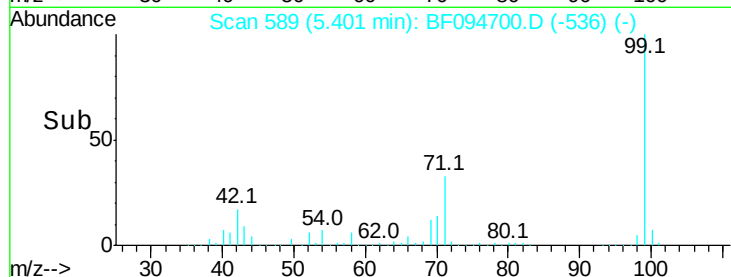
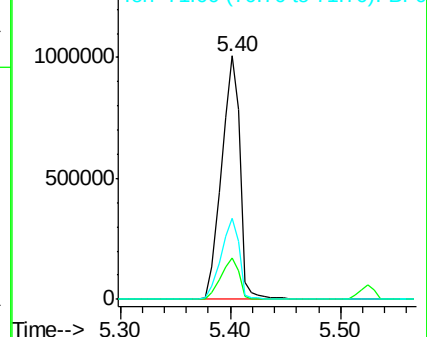
71 33.2 24.5 36.7



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: 3.44 ng

RT: 5.52 min Scan# 610

Delta R.T. 0.27 min

Lab File: BF094700.D

Acq: 28 Apr 2017 22:47

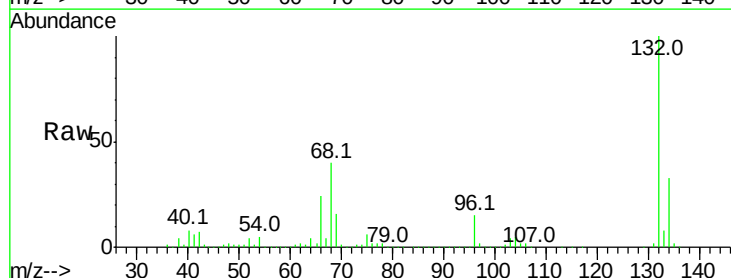
Tgt Ion: 77 Resp: 20320

Ion	Ratio	Lower	Upper
77	100		
105	86.5	83.8	123.8
106	86.5	79.1	119.1

77 100

105 86.5 83.8 123.8

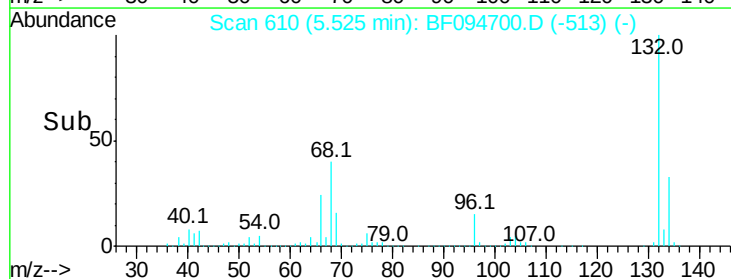
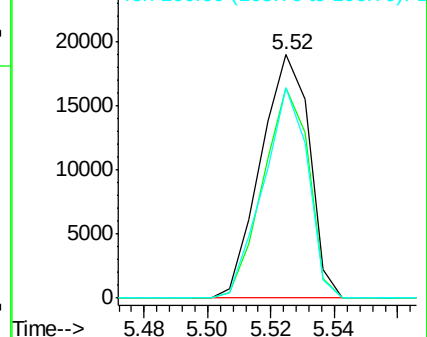
106 86.5 79.1 119.1

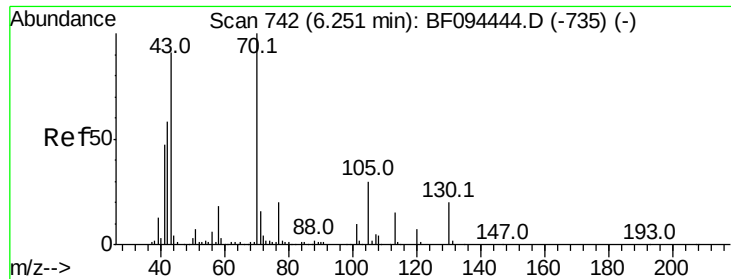


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

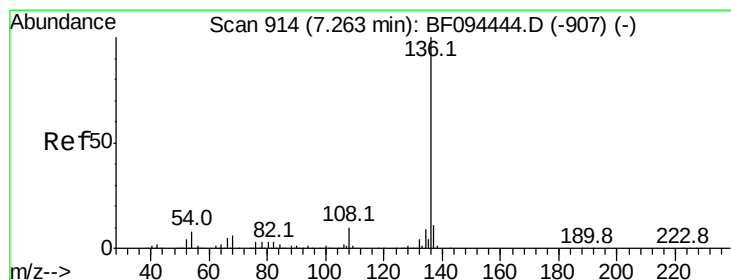
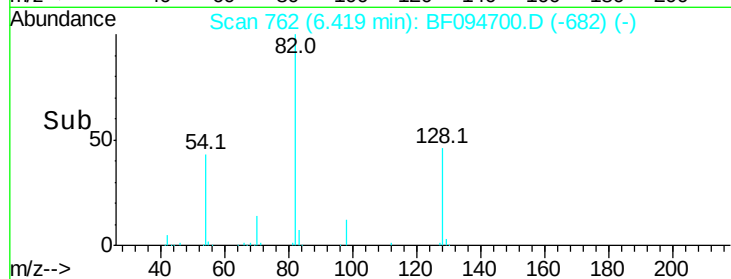
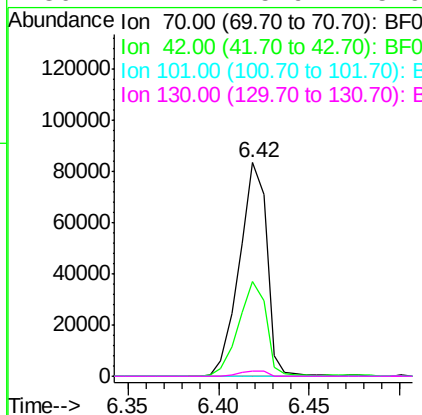
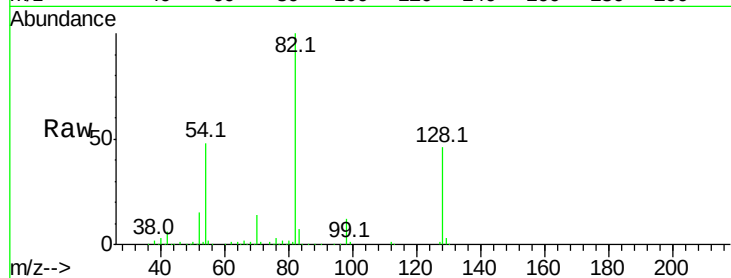




#19
 n-Nitroso-di-n-propylamine
 Concen: 17.06 ng
 RT: 6.42 min Scan# 762
 Delta R.T. 0.17 min
 Lab File: BF094700.D
 Acq: 28 Apr 2017 22:47

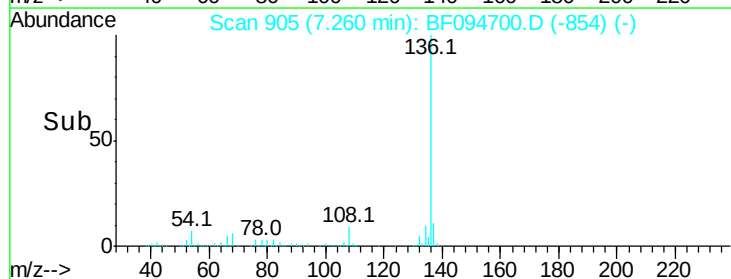
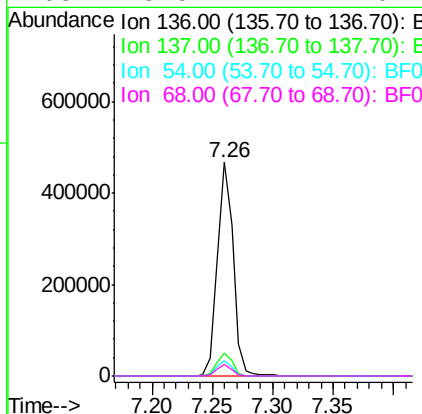
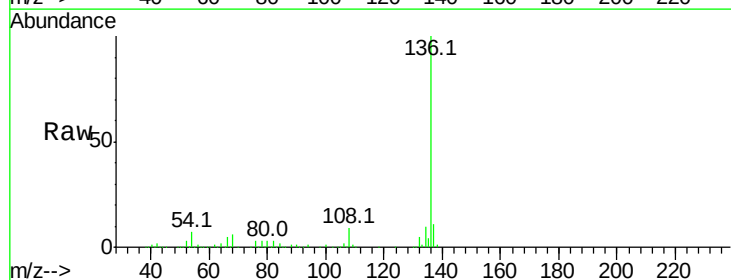
Instrument :
 BNA_F
 ClientSampleId :

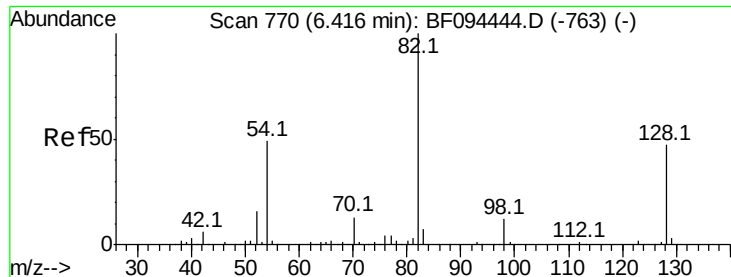
Tot Ion: 70 Resp: 87802
 Ion Ratio Lower Upper
 70 100
 42 44.2 47.2 70.8#
 101 0.0 7.2 10.8#
 130 2.4 15.9 23.9#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 7.26 min Scan# 905
 Delta R.T. -0.00 min
 Lab File: BF094700.D
 Acq: 28 Apr 2017 22:47

Tgt Ion:136 Resp: 414495
 Ion Ratio Lower Upper
 136 100
 137 11.0 8.5 12.7
 54 7.1 4.9 7.3
 68 5.5 4.1 6.1

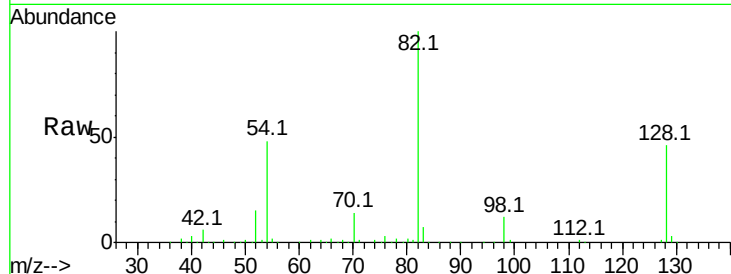




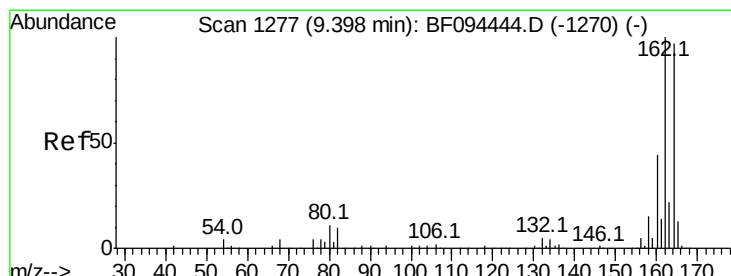
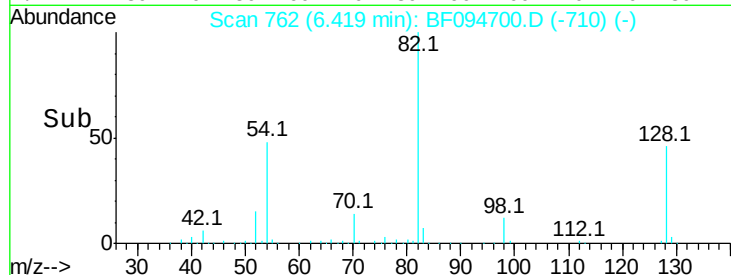
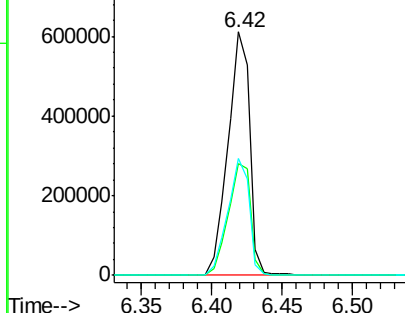
#23
 Nitrobenzene-d5
 Concen: 97.76 ng
 RT: 6.42 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF094700.D
 Acq: 28 Apr 2017 22:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 656232
 Ion Ratio Lower Upper
 82 100
 128 46.1 34.0 51.0
 54 47.9 42.2 63.2

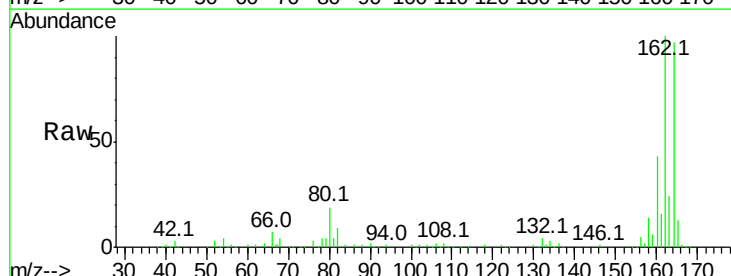


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

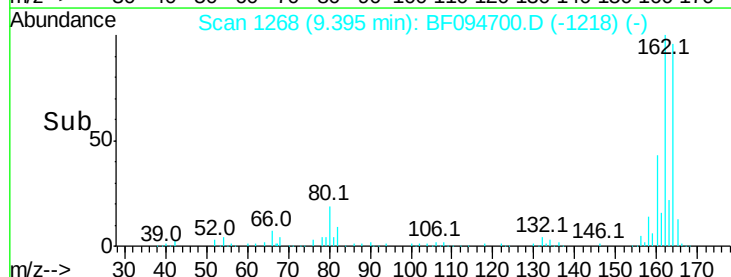
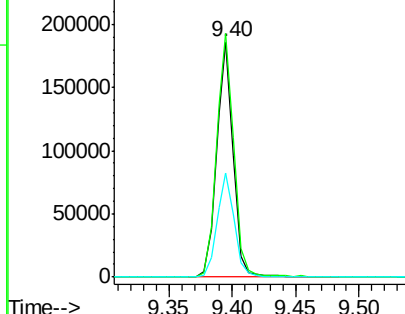


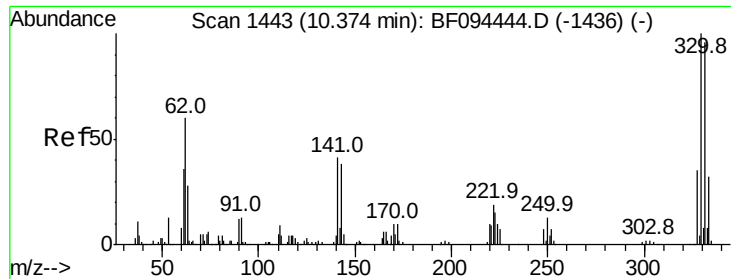
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF094700.D
 Acq: 28 Apr 2017 22:47

Tgt Ion:164 Resp: 170675
 Ion Ratio Lower Upper
 164 100
 162 103.5 82.6 123.8
 160 44.4 36.2 54.2



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

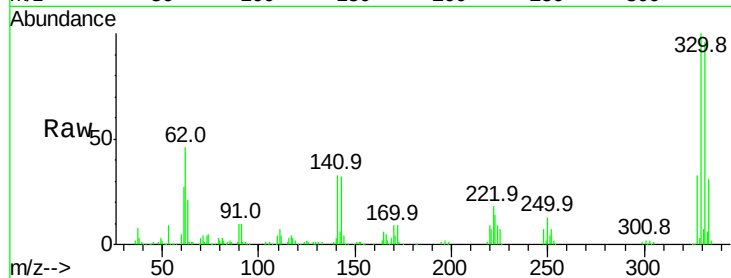




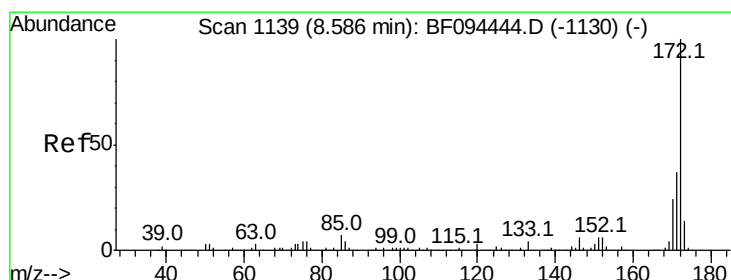
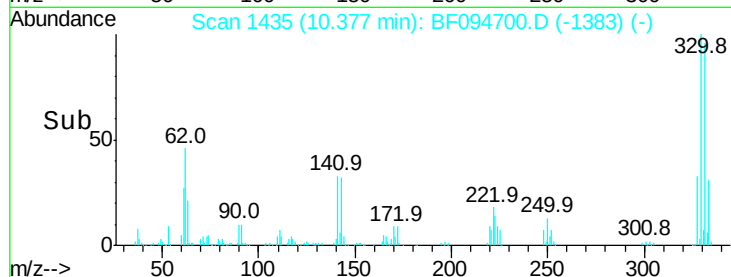
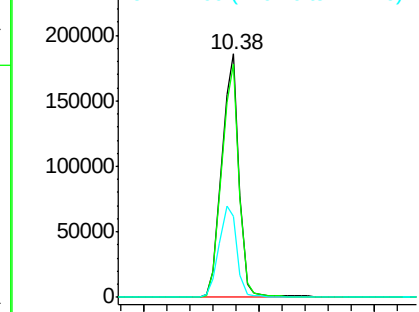
#41
 2,4,6-Tribromophenol
 Concen: 144.21 ng
 RT: 10.38 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF094700.D
 Acq: 28 Apr 2017 22:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.6	115.0
141	39.0	31.4	47.2

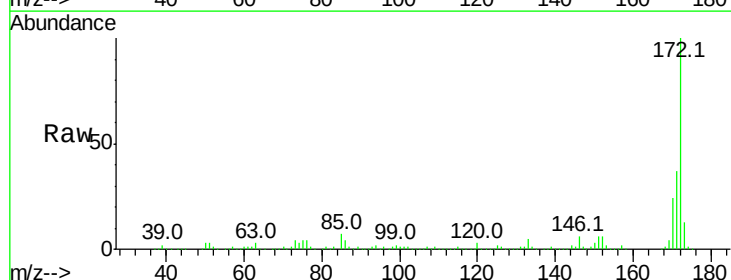


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

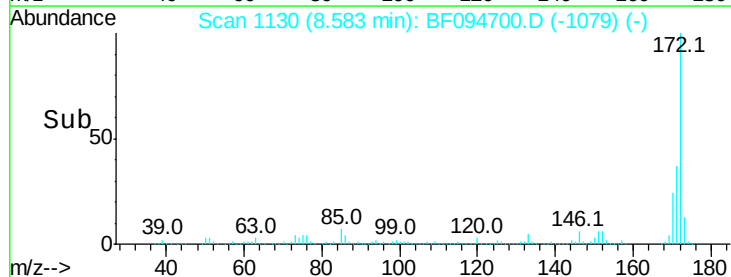
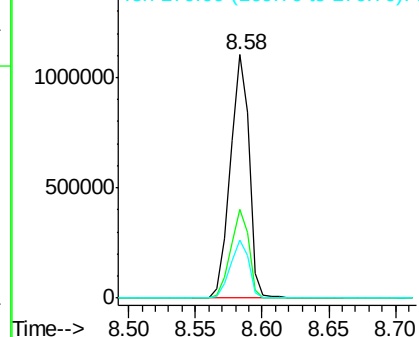


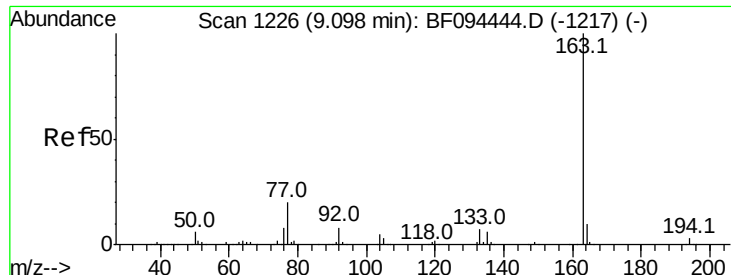
#44
 2-Fluorobiphenyl
 Concen: 95.14 ng
 RT: 8.58 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF094700.D
 Acq: 28 Apr 2017 22:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	23.9	19.8	29.8



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

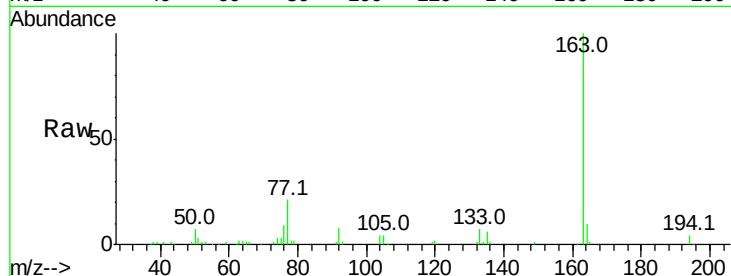




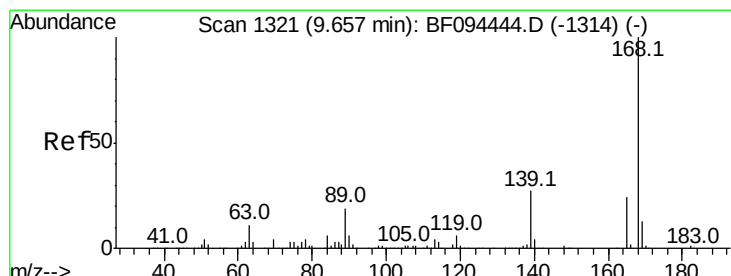
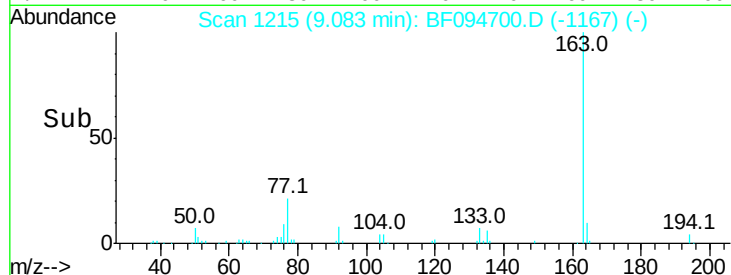
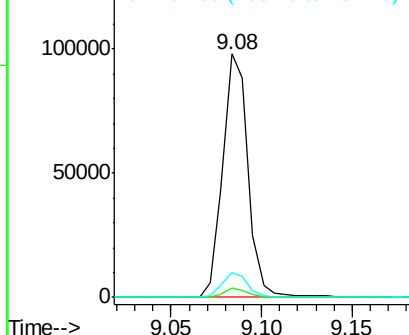
#49
 Dimethylphthalate
 Concen: 7.50 ng
 RT: 9.08 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF094700.D
 Acq: 28 Apr 2017 22:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.6	4.0
164	10.1	8.4	12.6

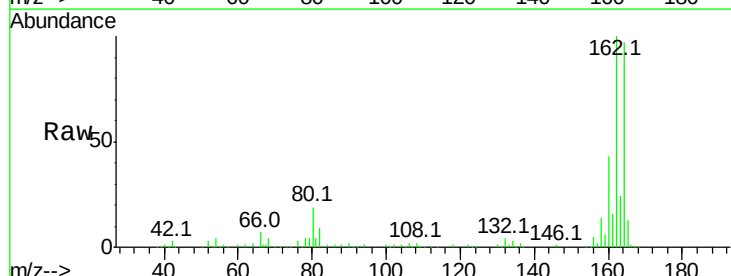


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

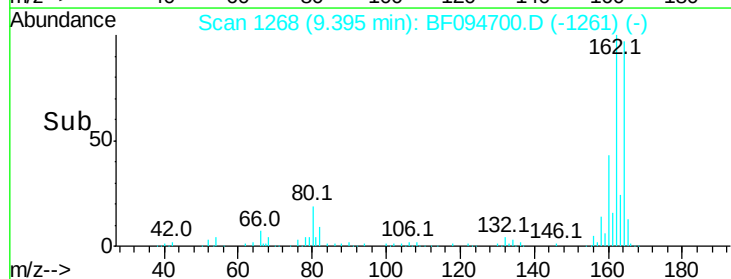
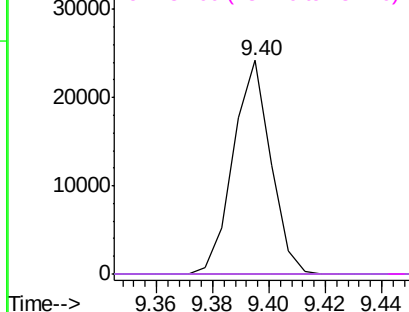


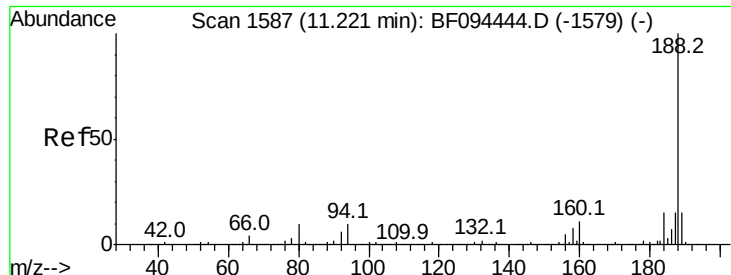
#56
 2,4-Dinitrotoluene
 Concen: 6.34 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. -0.26 min
 Lab File: BF094700.D
 Acq: 28 Apr 2017 22:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#



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

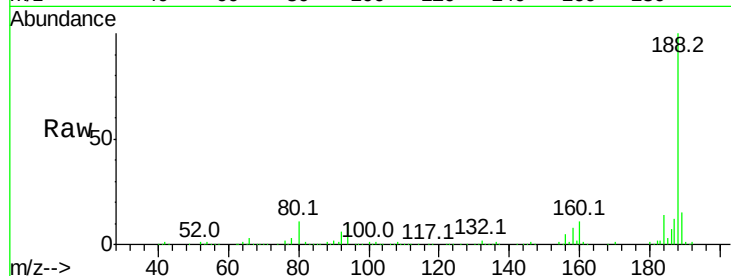




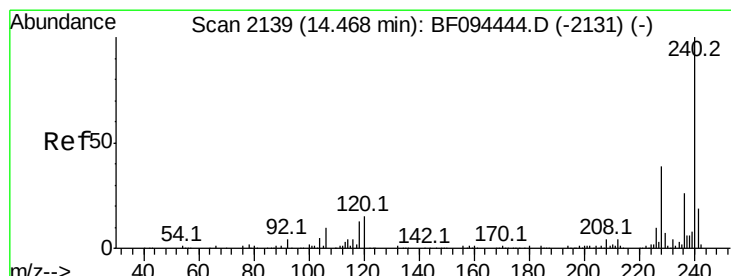
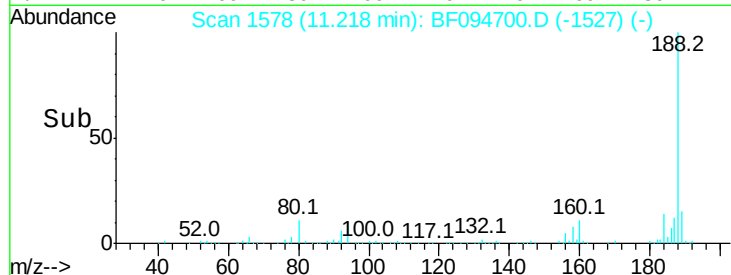
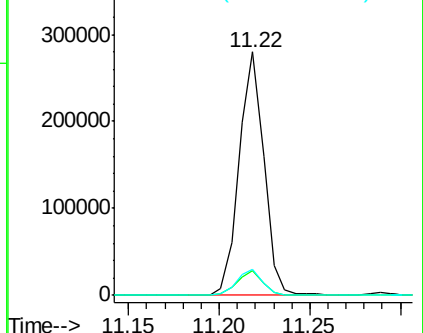
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.22 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: BF094700.D
 Acq: 28 Apr 2017 22:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 266263
 Ion Ratio Lower Upper
 188 100
 94 10.2 9.4 14.2
 80 10.8 10.2 15.2

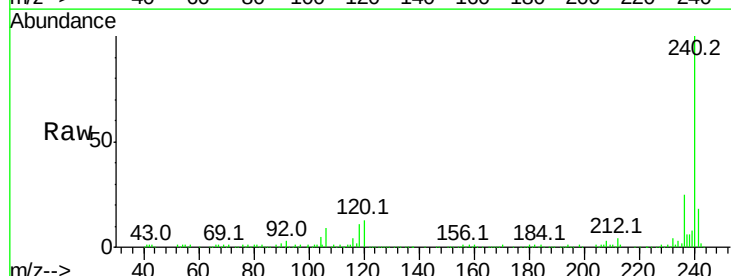


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

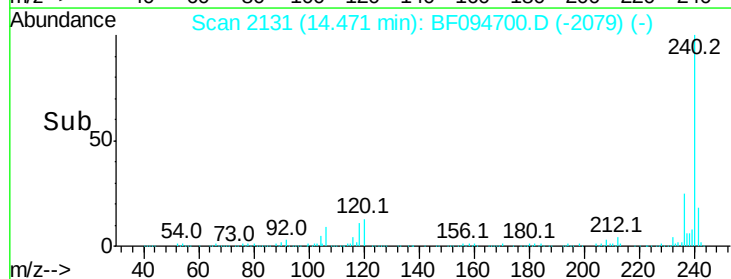
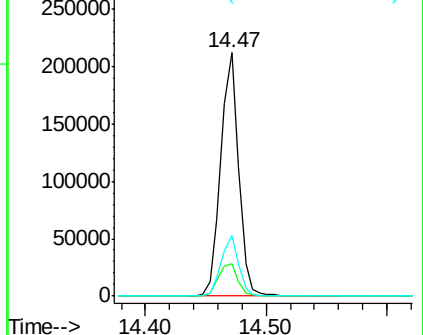


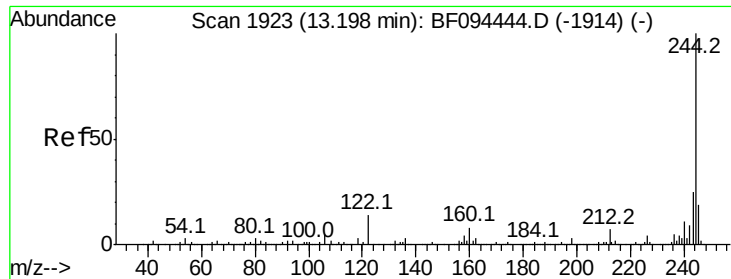
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.47 min Scan# 2131
 Delta R.T. 0.00 min
 Lab File: BF094700.D
 Acq: 28 Apr 2017 22:47

Tgt Ion:240 Resp: 217574
 Ion Ratio Lower Upper
 240 100
 120 13.1 5.8 8.8#
 236 25.0 20.5 30.7



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: 93.51 ng

RT: 13.20 min Scan# 1915

Delta R.T. 0.00 min

Lab File: BF094700.D

Acq: 28 Apr 2017 22:47

Instrument :

BNA_F

ClientSampleId :

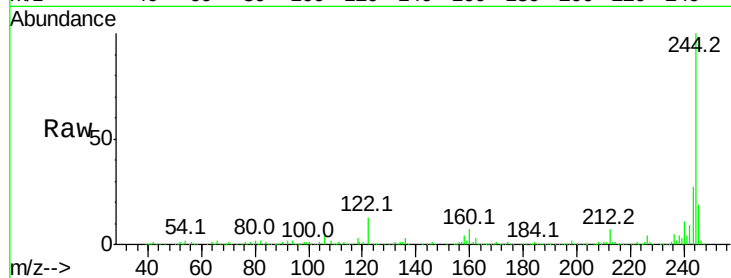
Tot Ion:244 Resp: 761173

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

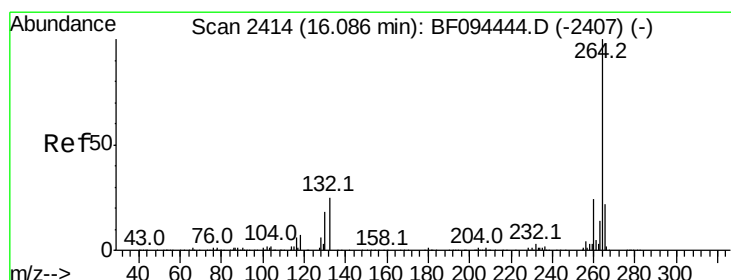
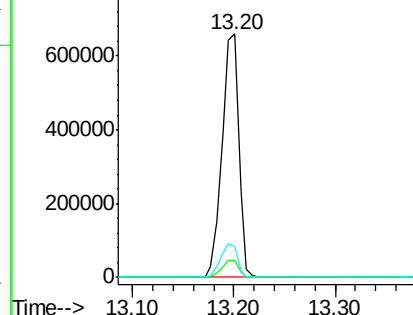
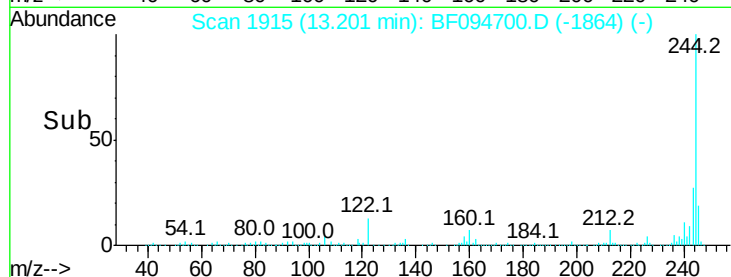
122 12.6 10.3 15.5



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: 20.00 ng

RT: 16.10 min Scan# 2408

Delta R.T. 0.01 min

Lab File: BF094700.D

Acq: 28 Apr 2017 22:47

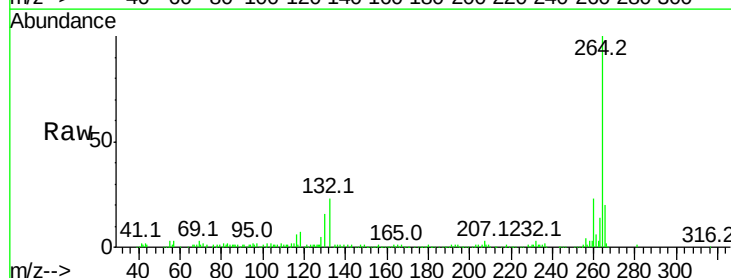
Tgt Ion:264 Resp: 163667

Ion Ratio Lower Upper

264 100

260 23.3 19.5 29.3

265 20.4 17.2 25.8



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

