

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
 Data File : BF094686.D
 Acq On : 28 Apr 2017 16:27
 Operator : SJ/MA
 Sample : I2895-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 28 23:04:35 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

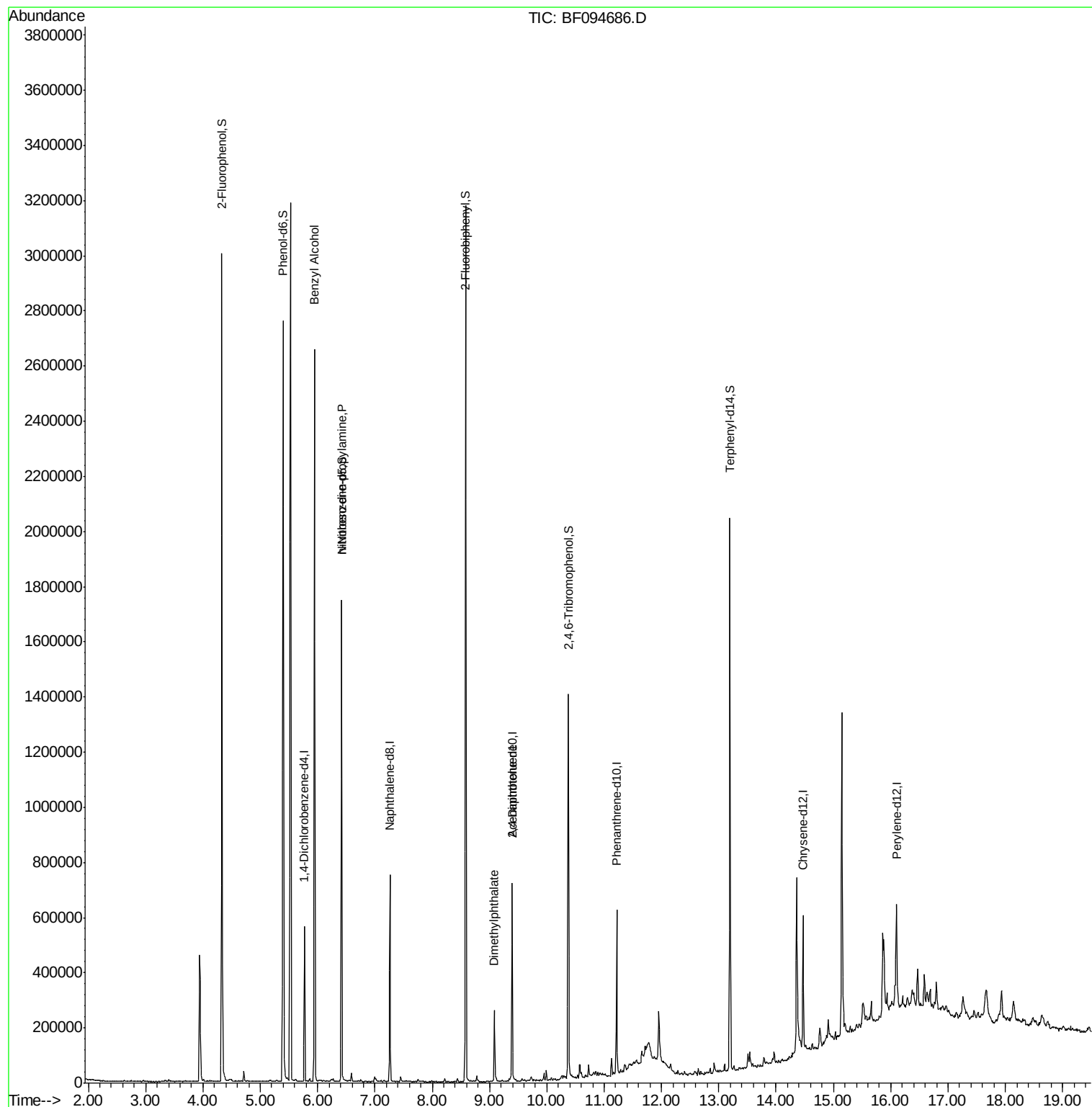
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	88825	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	349057	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	147759	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	226501	20.00	ng	0.00
75) Chrysene-d12	14.47	240	189581	20.00	ng	0.00
86) Perylene-d12	16.10	264	142169	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	946306	176.75	ng	0.03
7) Phenol-d6	5.40	99	1147410	181.79	ng	0.00
23) Nitrobenzene-d5	6.42	82	688278	121.76	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	187496	162.23	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1084378	107.98	ng	0.00
78) Terphenyl-d14	13.19	244	717353	101.14	ng	0.00
Target Compounds						
15) Benzyl Alcohol	5.95	79	12169	2.60	ng	# 58
19) n-Nitroso-di-n-propylamine	6.42	70	91443	21.87	ng	# 73
49) Dimethylphthalate	9.08	163	108516	9.85	ng	98
56) 2,4-Dinitrotoluene	9.40	165	18963	6.25	ng	# 33

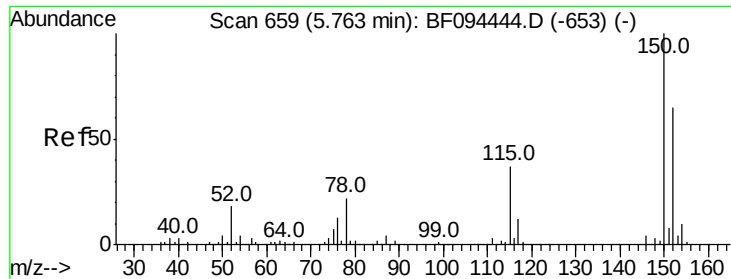
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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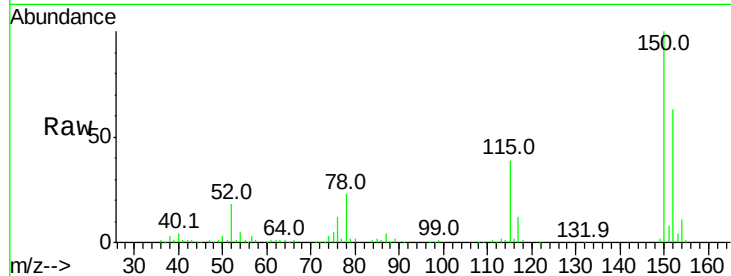


#1

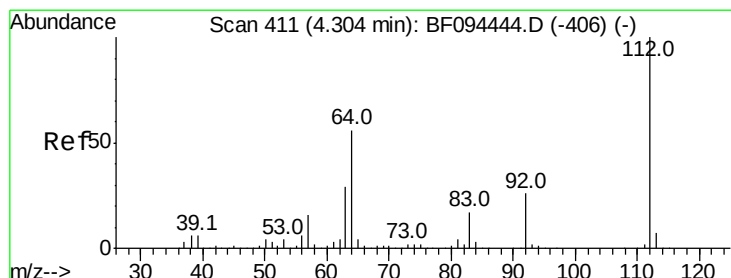
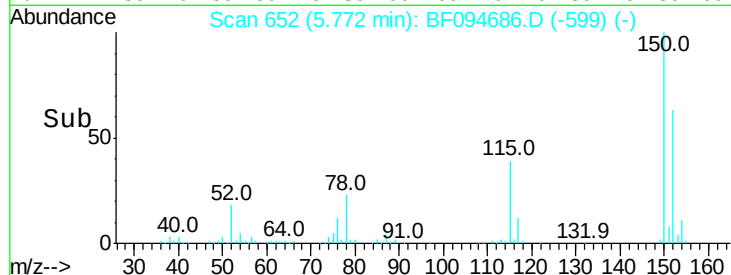
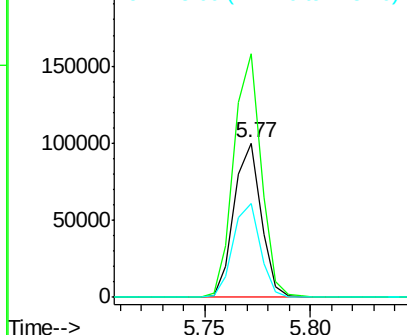
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF094686.D
Acq: 28 Apr 2017 16:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 88825
Ion Ratio Lower Upper
152 100
150 157.5 126.2 189.2
115 60.8 52.2 78.2



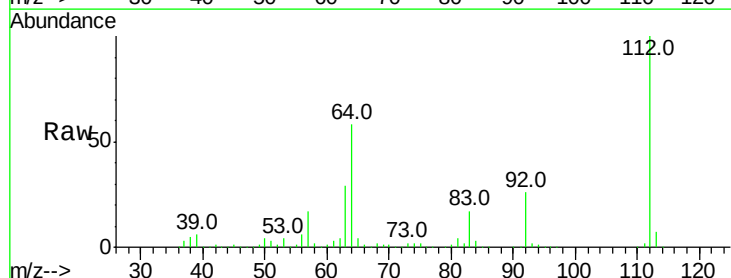
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



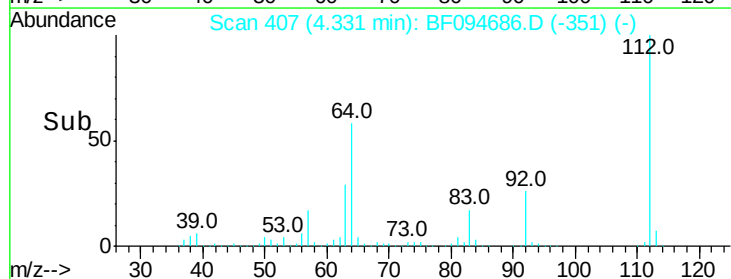
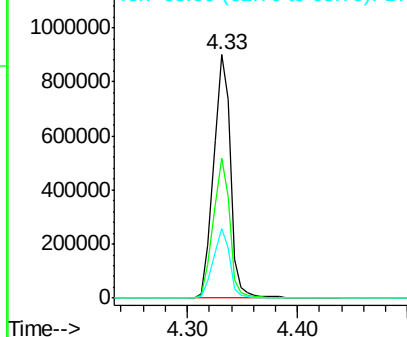
#5

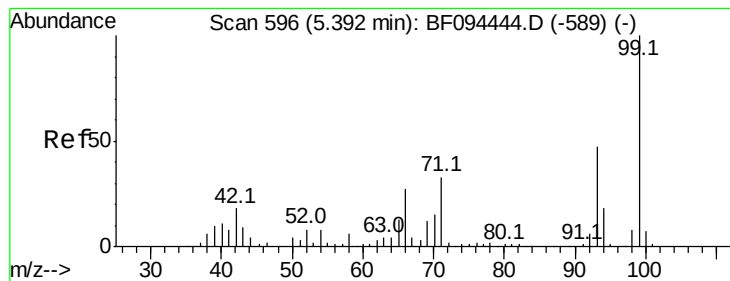
2-Fluorophenol
Concen: 176.75 ng
RT: 4.33 min Scan# 407
Delta R.T. 0.03 min
Lab File: BF094686.D
Acq: 28 Apr 2017 16:27

Tgt Ion:112 Resp: 946306
Ion Ratio Lower Upper
112 100
64 57.7 46.0 69.0
63 28.6 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: 181.79 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094686.D

Acq: 28 Apr 2017 16:27

Instrument :

BNA_F

ClientSampled :

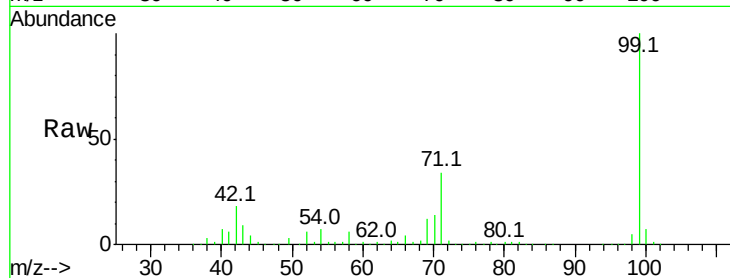
Tot Ion: 99 Resp: 1147410

Ion	Ratio	Lower	Upper
99	100		
42	17.6	13.5	20.3
71	33.9	24.5	36.7

99 100

42 17.6 13.5 20.3

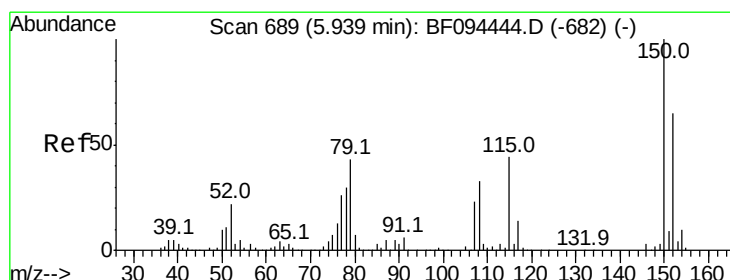
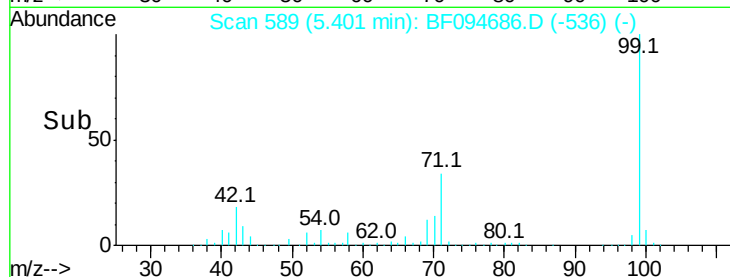
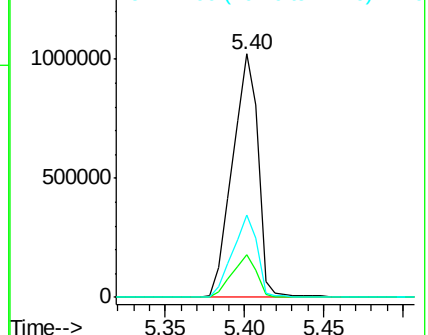
71 33.9 24.5 36.7



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



#15

Benzyl Alcohol

Concen: 2.60 ng

RT: 5.95 min Scan# 682

Delta R.T. 0.01 min

Lab File: BF094686.D

Acq: 28 Apr 2017 16:27

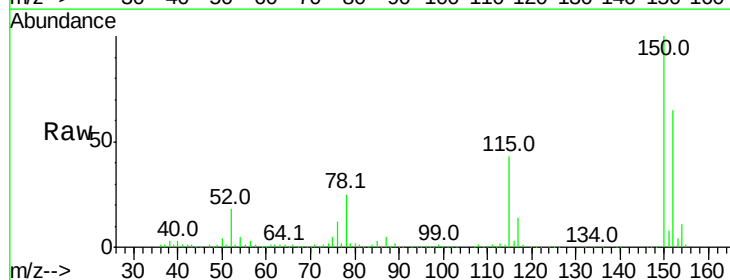
Tgt Ion: 79 Resp: 12169

Ion	Ratio	Lower	Upper
79	100		
108	48.4	63.4	95.0#
77	100.4	49.2	73.8#

79 100

108 48.4 63.4 95.0#

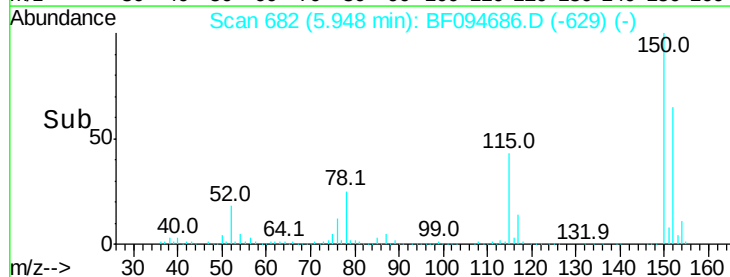
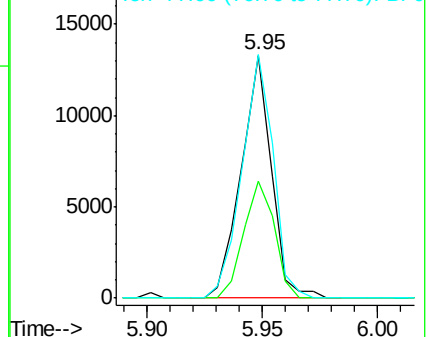
77 100.4 49.2 73.8#

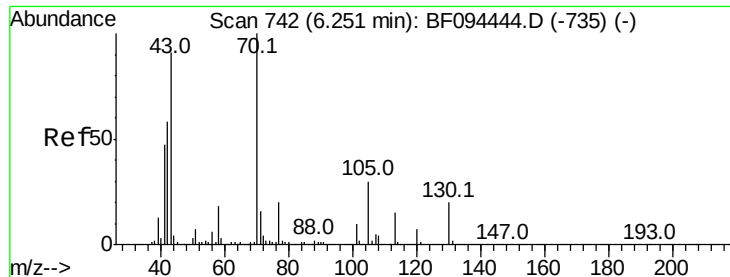


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

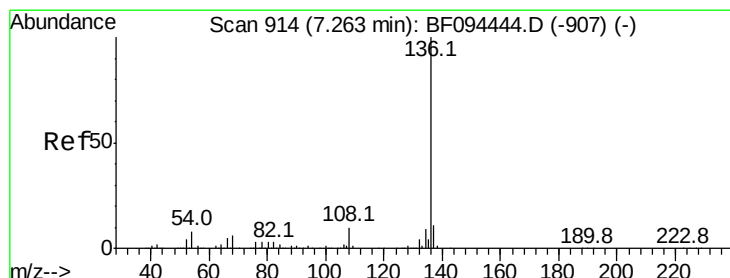
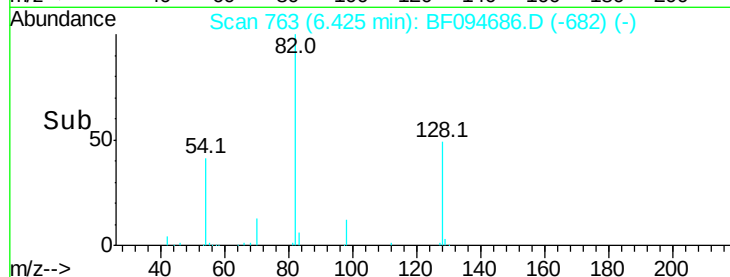
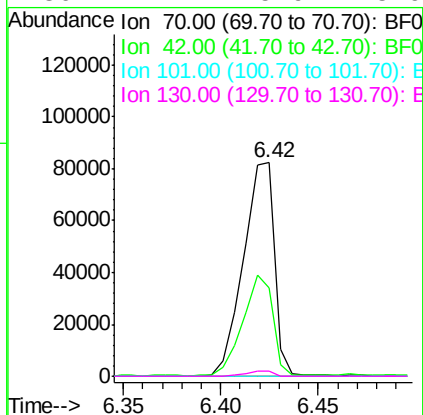
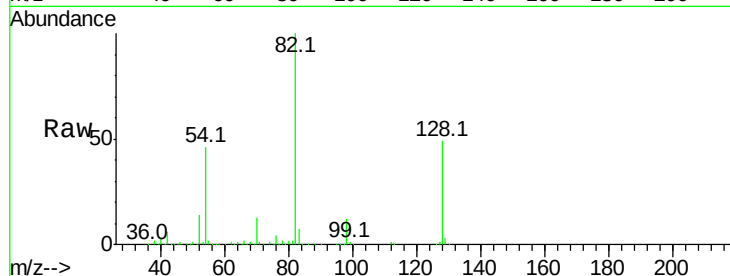




#19
 n-Nitroso-di-n-propylamine
 Concen: 21.87 ng
 RT: 6.42 min Scan# 763
 Delta R.T. 0.17 min
 Lab File: BF094686.D
 Acq: 28 Apr 2017 16:27

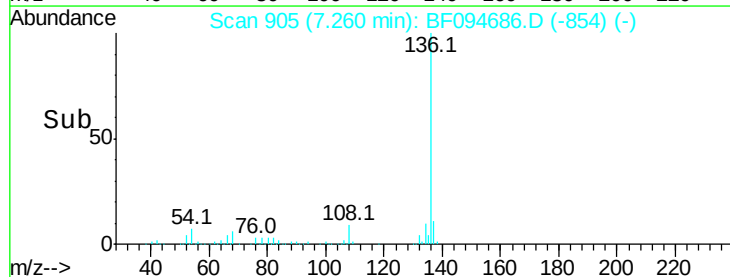
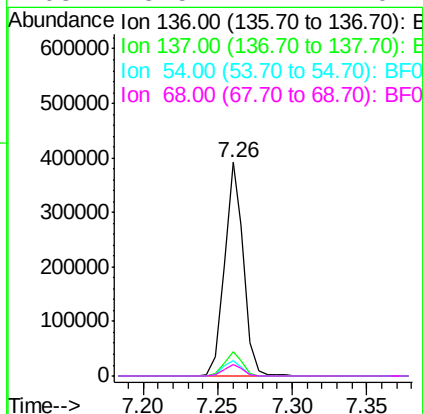
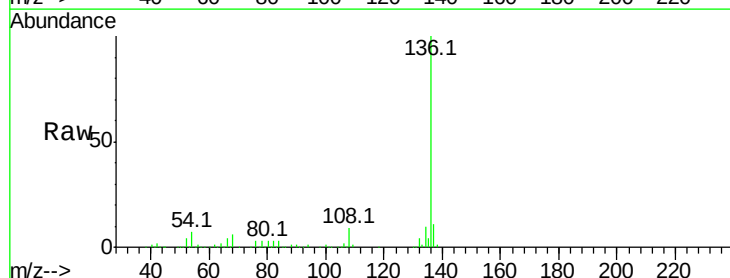
Instrument :
 BNA_F
 ClientSampleId :

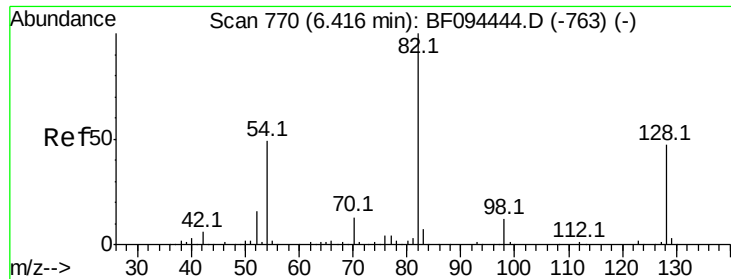
Tot Ion: 70 Resp: 91443
 Ion Ratio Lower Upper
 70 100
 42 41.6 47.2 70.8#
 101 0.0 7.2 10.8#
 130 2.2 15.9 23.9#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 7.26 min Scan# 905
 Delta R.T. -0.00 min
 Lab File: BF094686.D
 Acq: 28 Apr 2017 16:27

Tgt Ion:136 Resp: 349057
 Ion Ratio Lower Upper
 136 100
 137 11.2 8.5 12.7
 54 7.2 4.9 7.3
 68 5.5 4.1 6.1

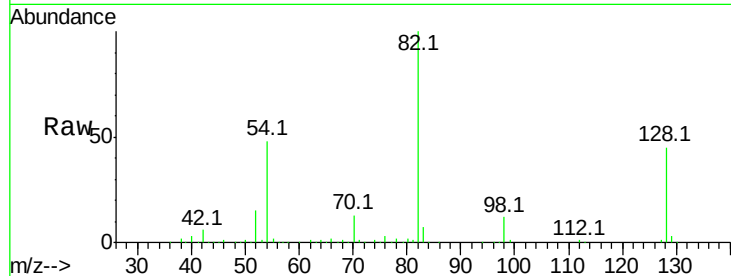




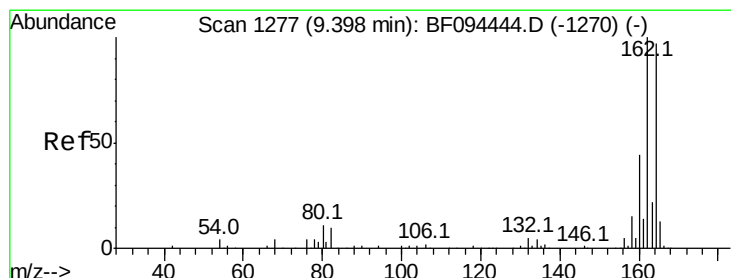
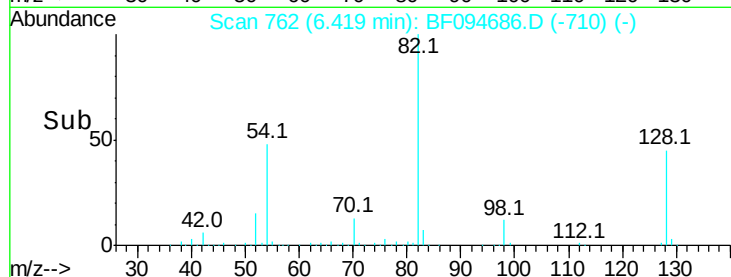
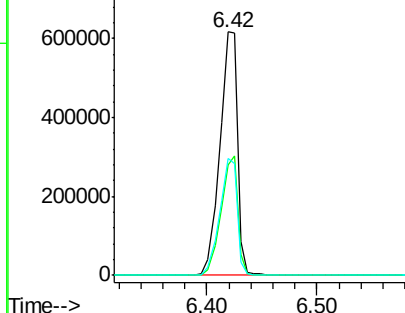
#23
 Nitrobenzene-d5
 Concen: 121.76 ng
 RT: 6.42 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF094686.D
 Acq: 28 Apr 2017 16:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 688278
 Ion Ratio Lower Upper
 82 100
 128 45.3 34.0 51.0
 54 48.2 42.2 63.2

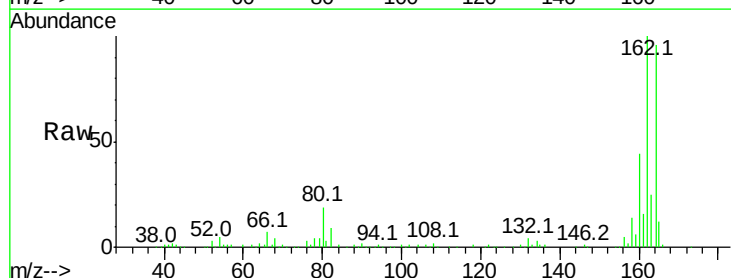


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

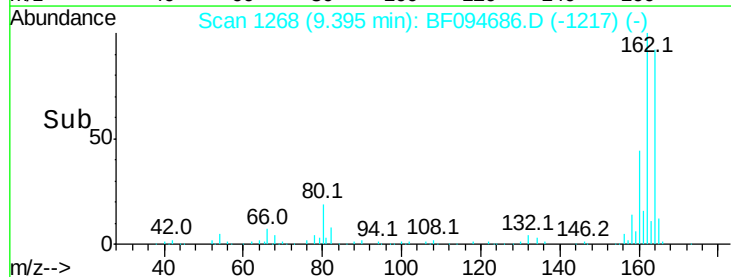
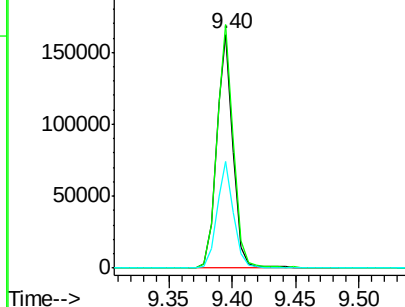


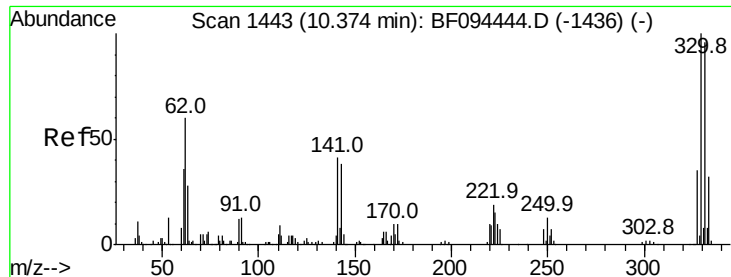
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF094686.D
 Acq: 28 Apr 2017 16:27

Tgt Ion:164 Resp: 147759
 Ion Ratio Lower Upper
 164 100
 162 104.1 82.6 123.8
 160 45.6 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

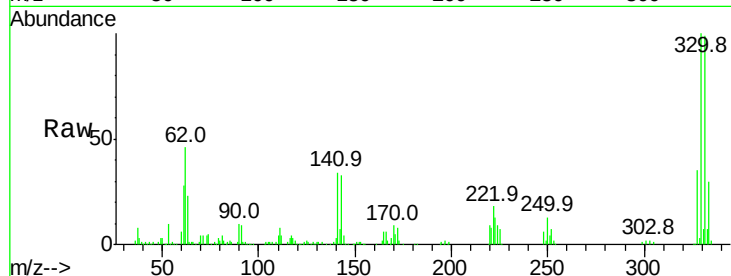




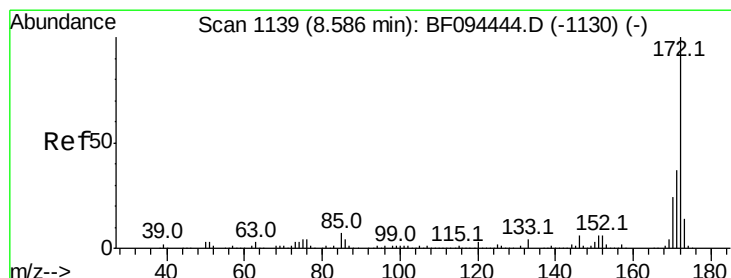
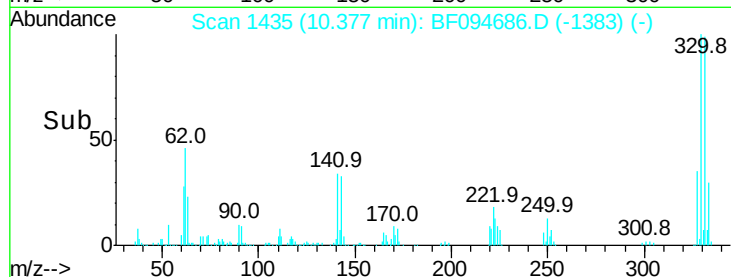
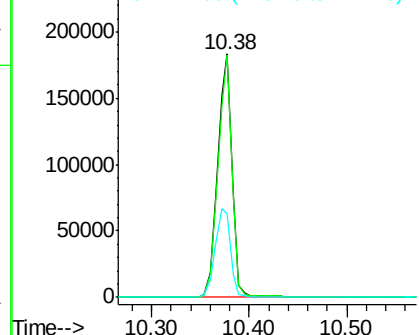
#41
 2,4,6-Tribromophenol
 Concen: 162.23 ng
 RT: 10.38 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF094686.D
 Acq: 28 Apr 2017 16:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 187496
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 115.0
 141 39.2 31.4 47.2

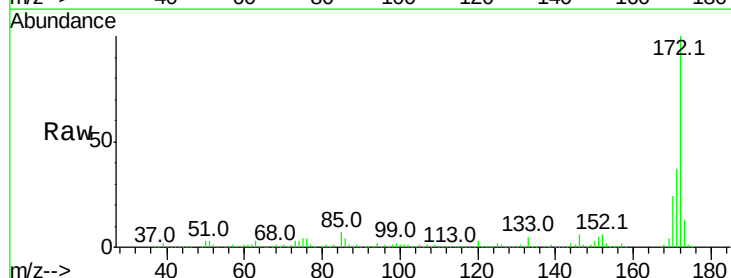


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

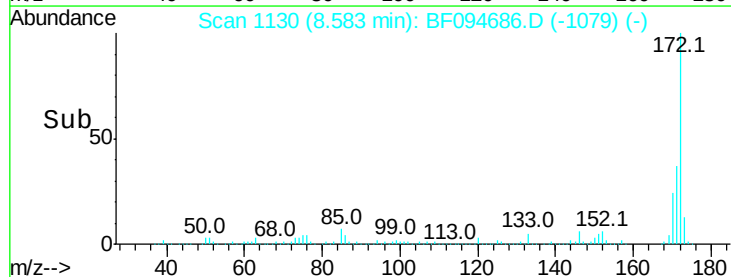
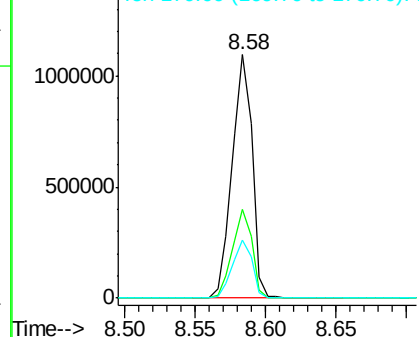


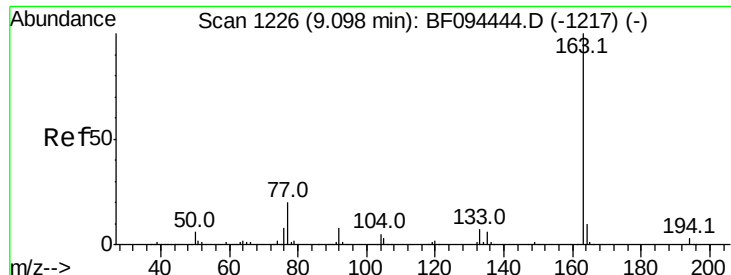
#44
 2-Fluorobiphenyl
 Concen: 107.98 ng
 RT: 8.58 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF094686.D
 Acq: 28 Apr 2017 16:27

Tgt Ion:172 Resp: 1084378
 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

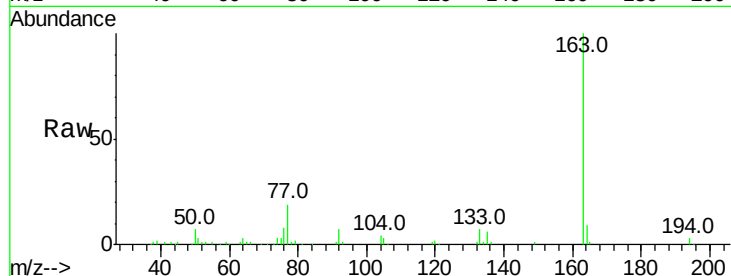




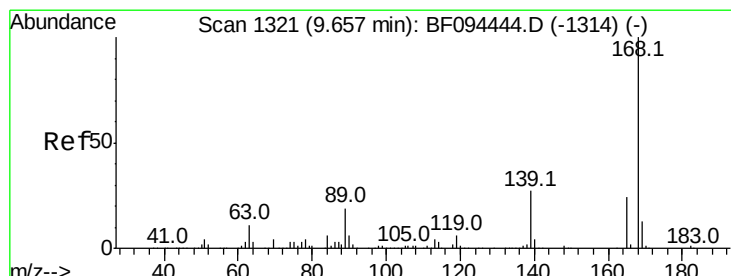
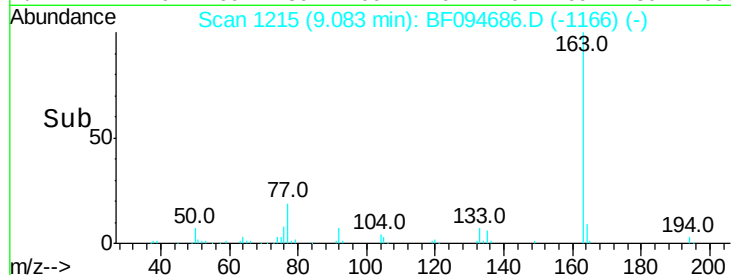
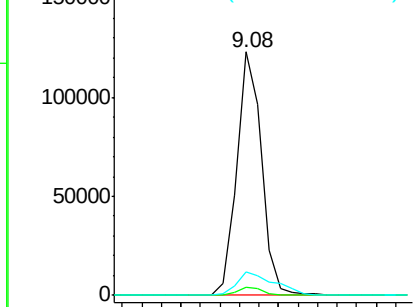
#49
Dimethylphthalate
Concen: 9.85 ng
RT: 9.08 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF094686.D
Acq: 28 Apr 2017 16:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	9.4	8.4	12.6

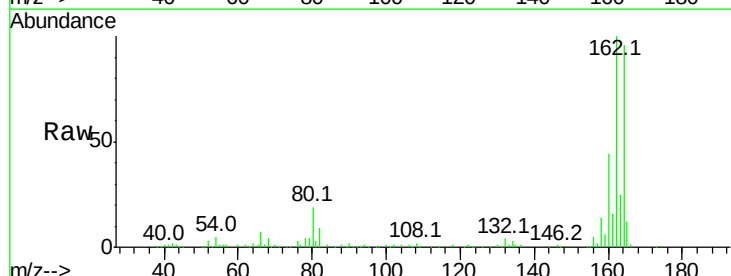


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

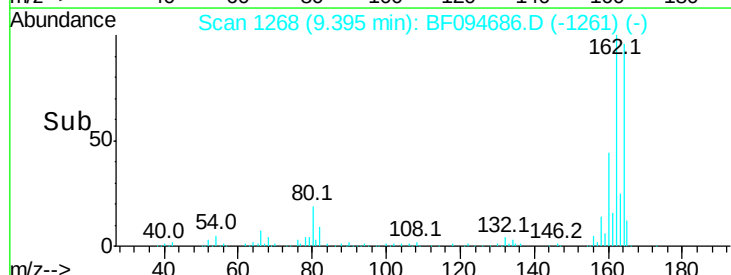
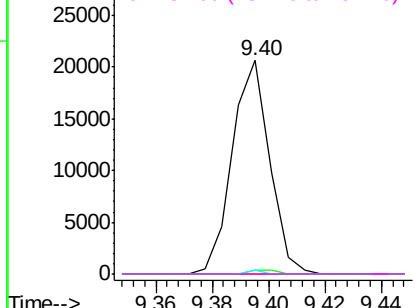


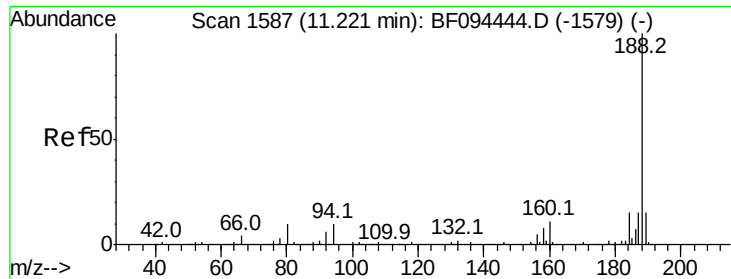
#56
2,4-Dinitrotoluene
Concen: 6.25 ng
RT: 9.40 min Scan# 1268
Delta R.T. -0.26 min
Lab File: BF094686.D
Acq: 28 Apr 2017 16:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	25.4	38.0#
89	1.5	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

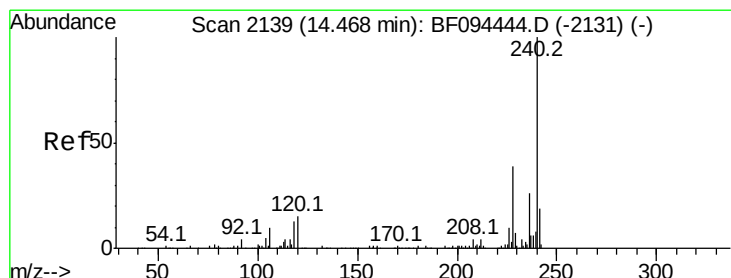
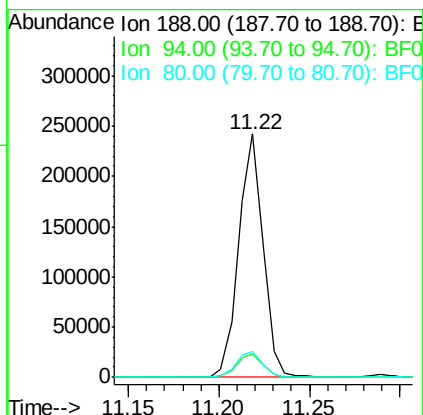
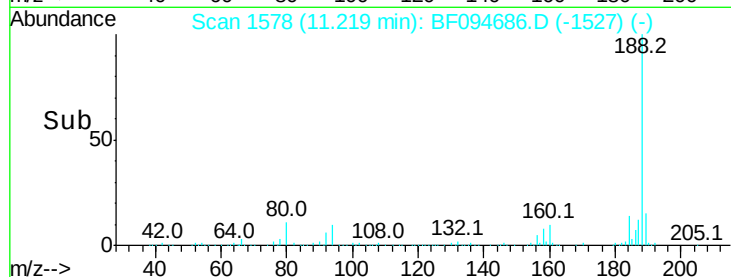
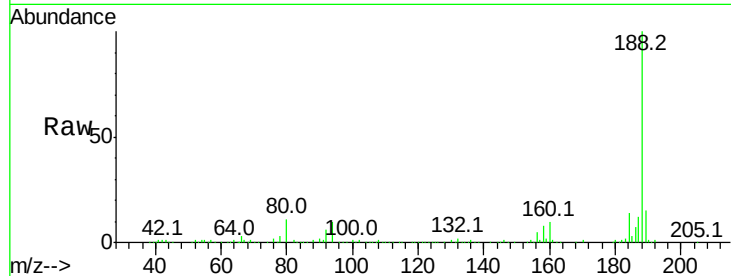




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.22 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: BF094686.D
 Acq: 28 Apr 2017 16:27

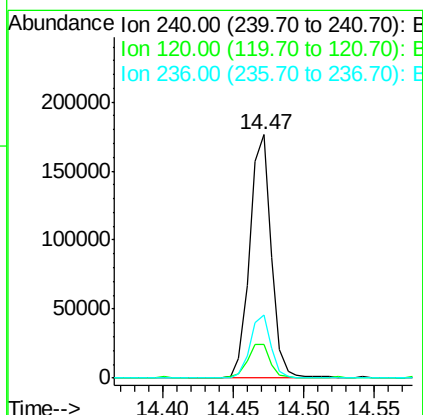
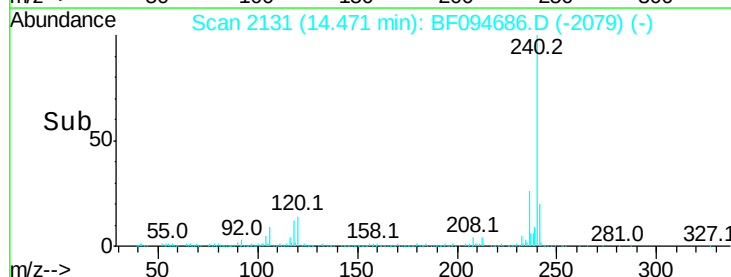
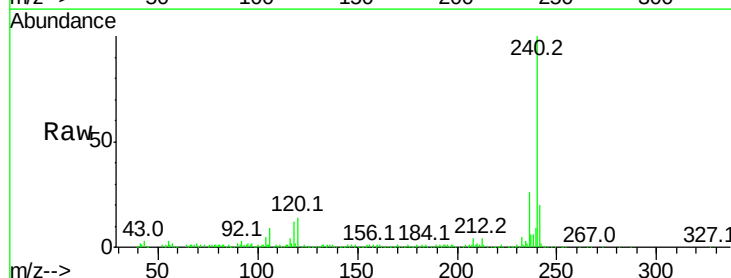
Instrument :
 BNA_F
 ClientSampleId :

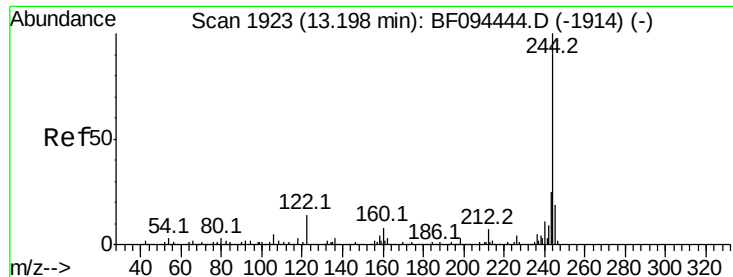
Tot Ion:188 Resp: 226501
 Ion Ratio Lower Upper
 188 100
 94 9.6 9.4 14.2
 80 10.6 10.2 15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.47 min Scan# 2131
 Delta R.T. 0.00 min
 Lab File: BF094686.D
 Acq: 28 Apr 2017 16:27

Tgt Ion:240 Resp: 189581
 Ion Ratio Lower Upper
 240 100
 120 14.1 5.8 8.8#
 236 25.8 20.5 30.7





#78

Terphenyl-d14

Concen: 101.14 ng

RT: 13.19 min Scan# 1914

Delta R.T. -0.00 min

Lab File: BF094686.D

Acq: 28 Apr 2017 16:27

Instrument :

BNA_F

ClientSampleId :

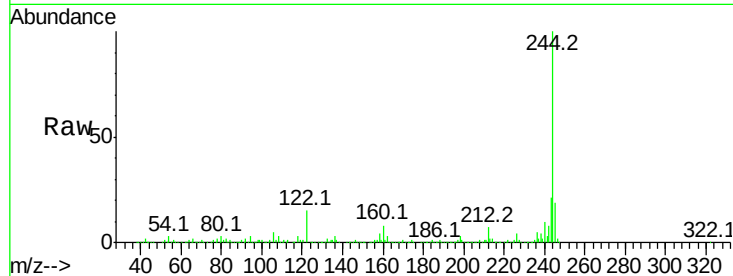
Tot Ion:244 Resp: 717353

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

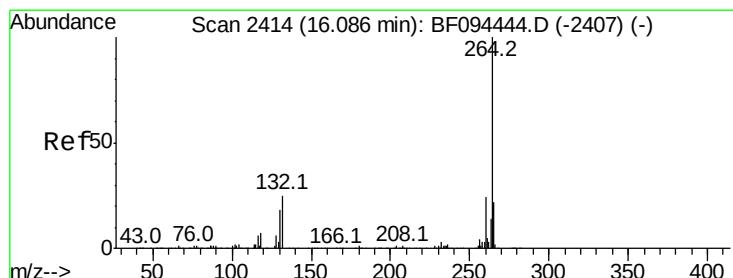
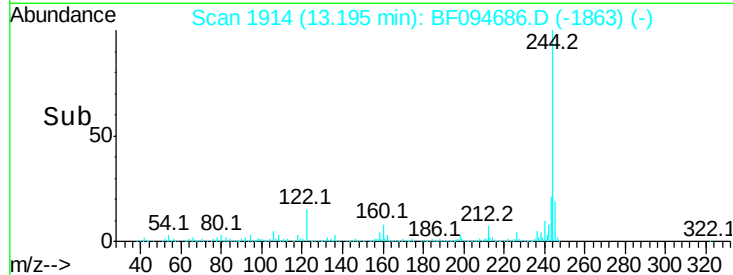
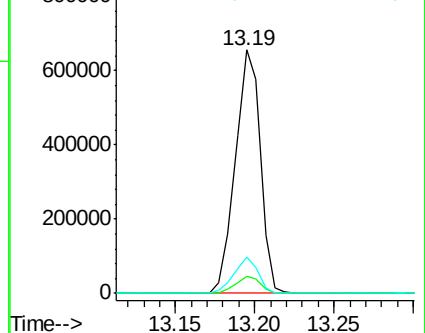
122 14.8 10.3 15.5



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: BF094686.D

Acq: 28 Apr 2017 16:27

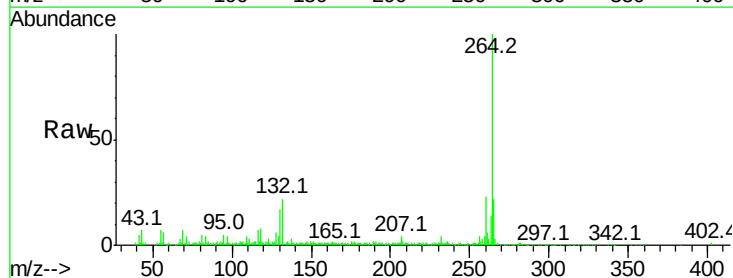
Tgt Ion:264 Resp: 142169

Ion Ratio Lower Upper

264 100

260 23.4 19.5 29.3

265 21.9 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

