

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
 Data File : BF094716.D
 Acq On : 30 Apr 2017 15:59
 Operator : SJ/MA
 Sample : I2860-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 01:20:37 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

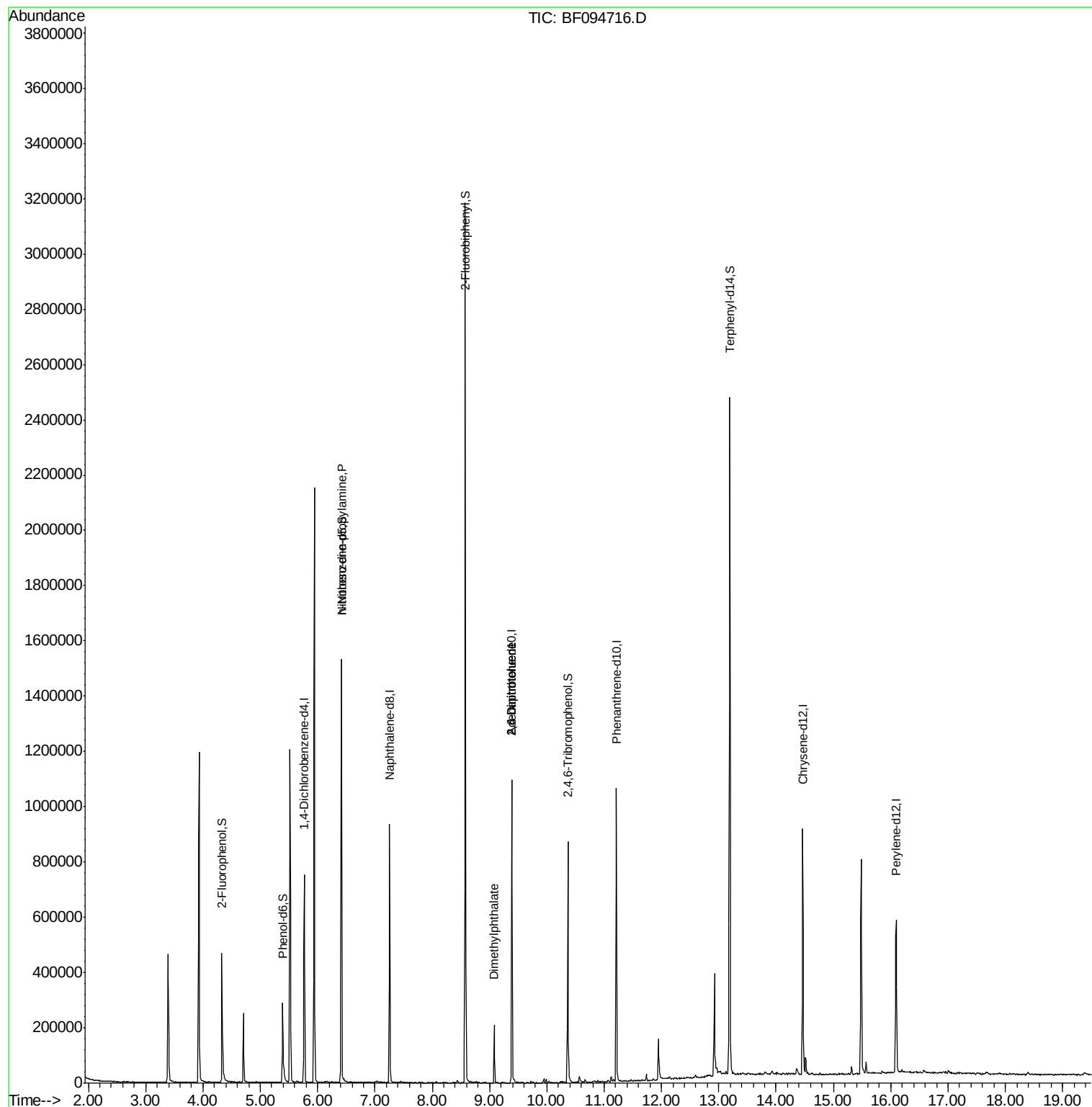
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	119269	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	480245	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	235001	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	421977	20.00	ng	0.00
75) Chrysene-d12	14.47	240	330120	20.00	ng	0.00
86) Perylene-d12	16.09	264	221589	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	166224	23.12	ng	0.03
7) Phenol-d6	5.39	99	128958	15.22	ng	0.00
23) Nitrobenzene-d5	6.42	82	578370	74.36	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	107209	58.32	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1140399	71.40	ng	0.00
78) Terphenyl-d14	13.20	244	913364	73.95	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.41	70	76774	13.67	ng	# 77
49) Dimethylphthalate	9.08	163	98990	5.65	ng	98
50) 2,6-Dinitrotoluene	9.39	165	29523	7.51	ng	# 34
56) 2,4-Dinitrotoluene	9.39	165	29523	6.12	ng	# 33

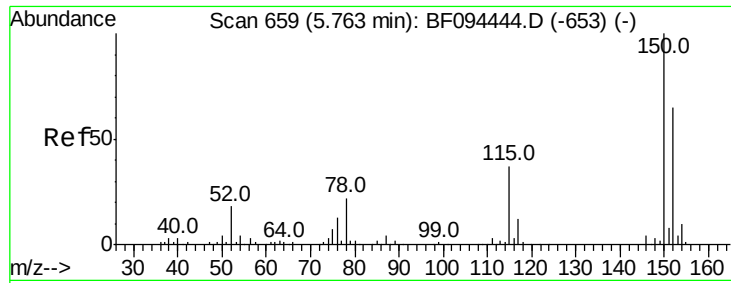
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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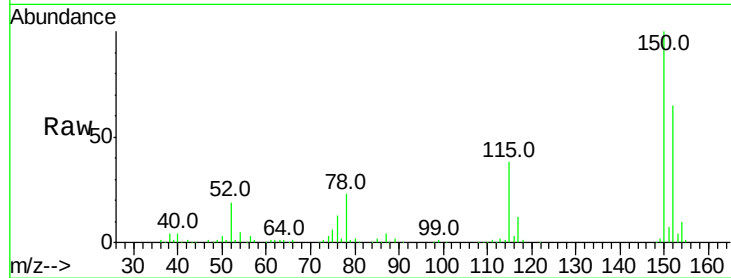


#1

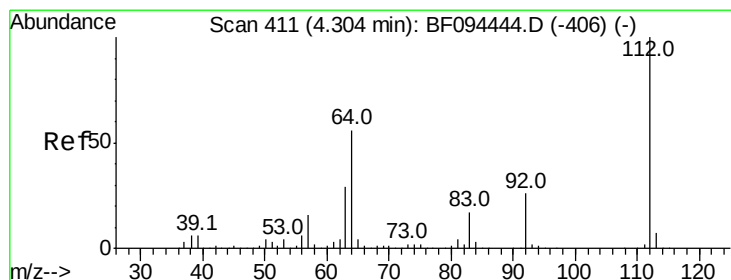
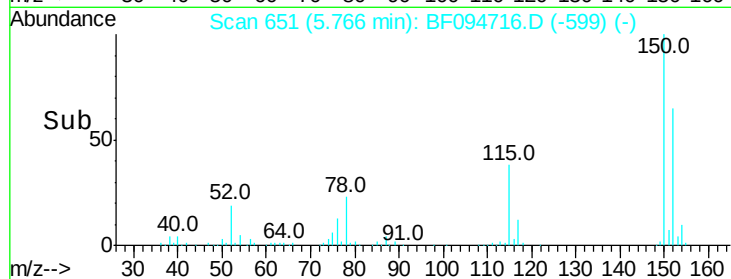
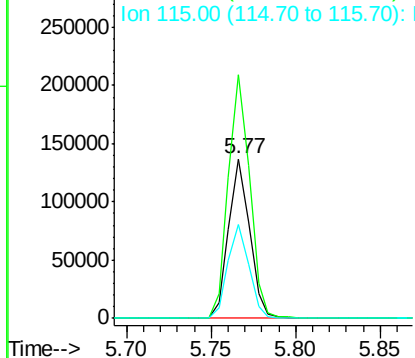
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094716.D
Acq: 30 Apr 2017 15:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 119269
Ion Ratio Lower Upper
152 100
150 152.7 126.2 189.2
115 58.7 52.2 78.2



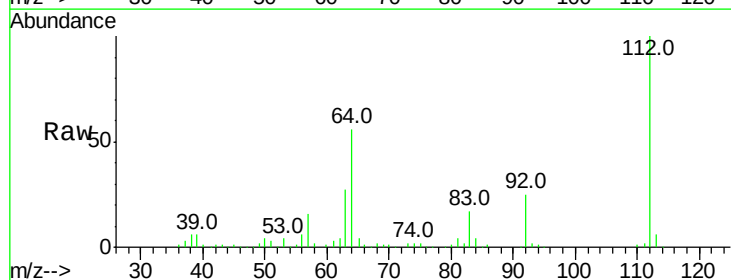
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



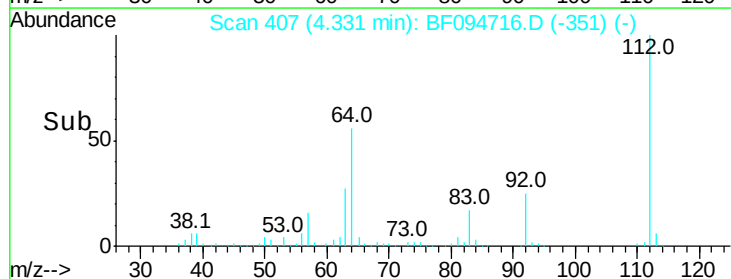
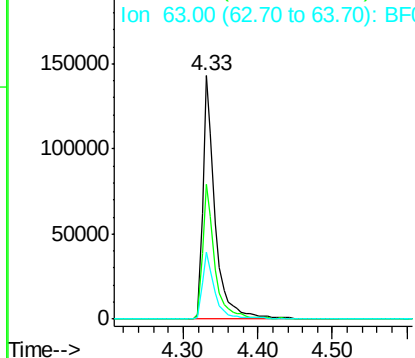
#5

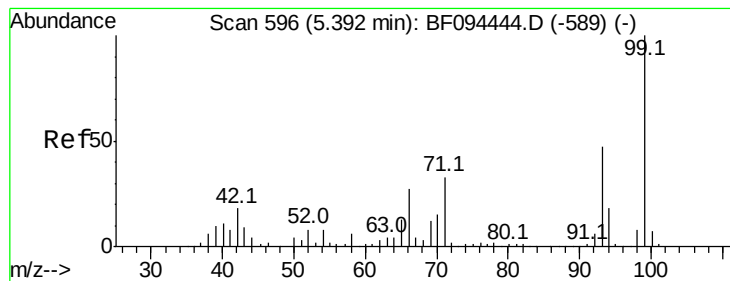
2-Fluorophenol
Concen: 23.12 ng
RT: 4.33 min Scan# 407
Delta R.T. 0.03 min
Lab File: BF094716.D
Acq: 30 Apr 2017 15:59

Tgt Ion:112 Resp: 166224
Ion Ratio Lower Upper
112 100
64 55.6 46.0 69.0
63 27.5 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: 15.22 ng

RT: 5.39 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF094716.D

Acq: 30 Apr 2017 15:59

Instrument :

BNA_F

ClientSampled :

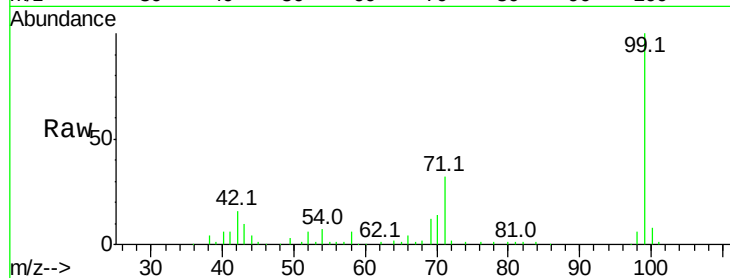
Tot Ion: 99 Resp: 128958

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

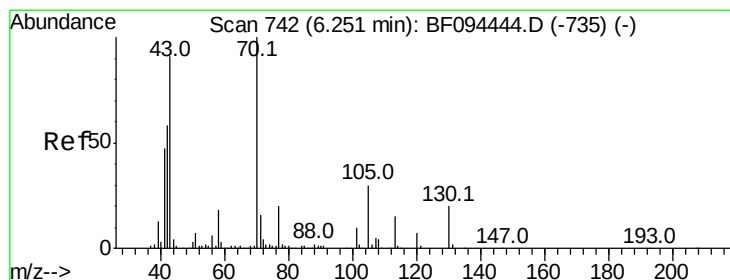
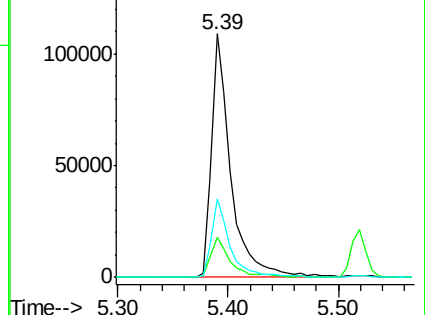
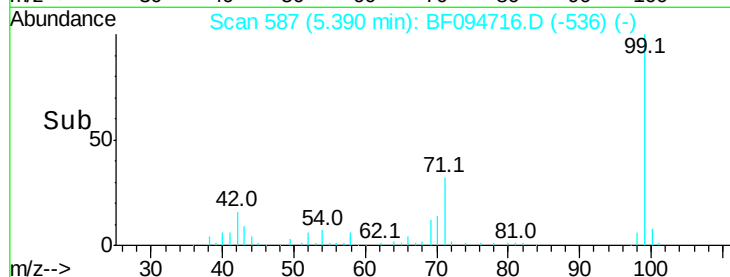
71 32.0 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.67 ng

RT: 6.41 min Scan# 761

Delta R.T. 0.16 min

Lab File: BF094716.D

Acq: 30 Apr 2017 15:59

Tgt Ion: 70 Resp: 76774

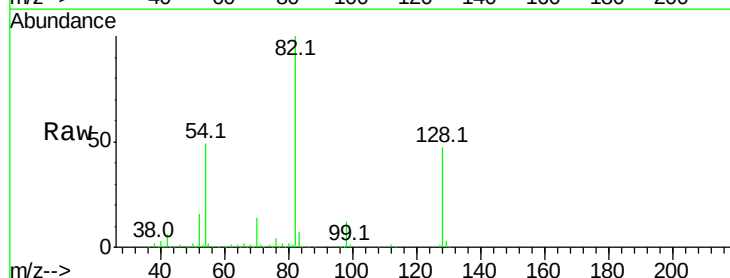
Ion Ratio Lower Upper

70 100

42 45.7 47.2 70.8#

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

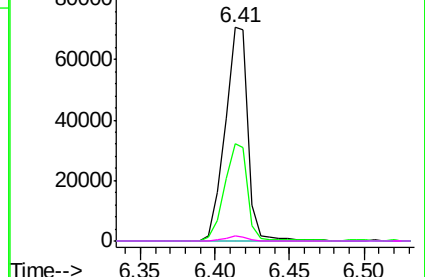
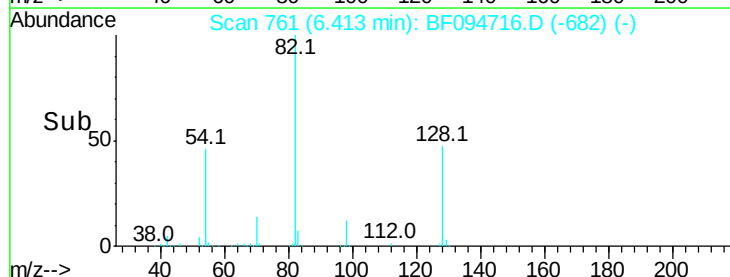


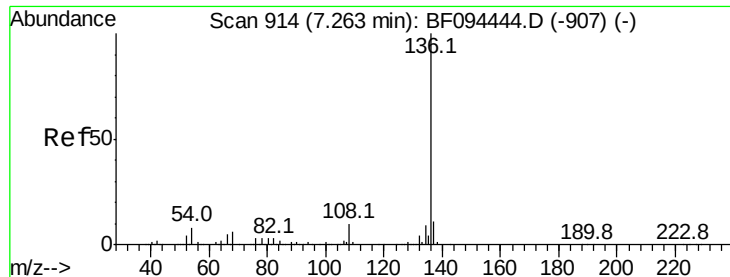
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.25 min Scan# 904

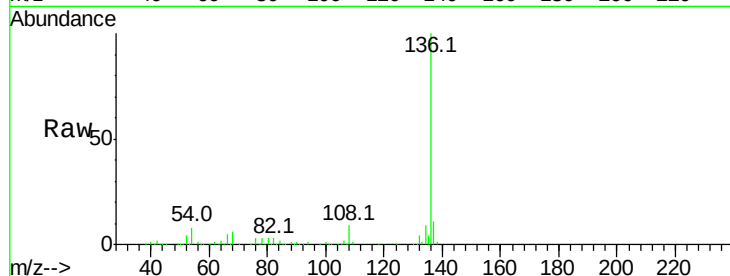
Delta R.T. -0.01 min

Lab File: BF094716.D

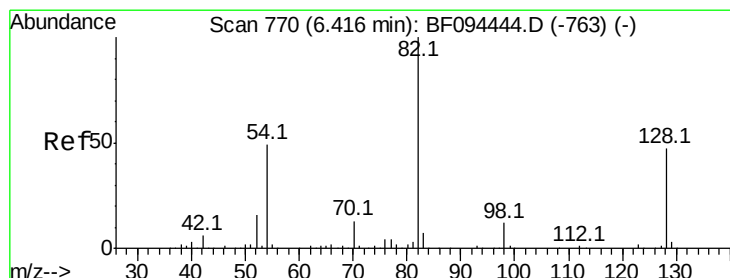
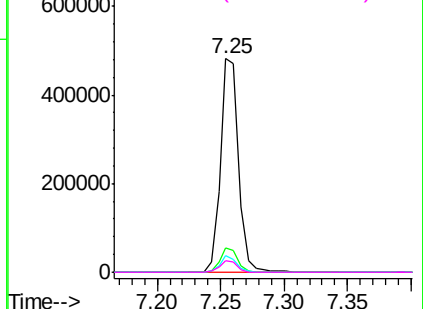
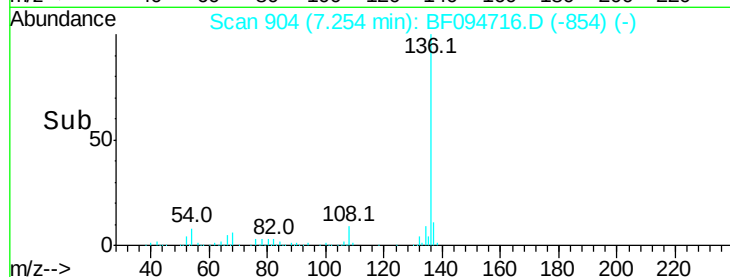
Acq: 30 Apr 2017 15:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	480245
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.5 12.7
54	7.6	4.9 7.3#
68	5.6	4.1 6.1



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: 74.36 ng

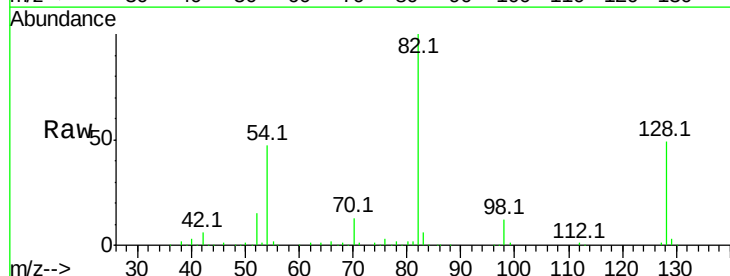
RT: 6.42 min Scan# 762

Delta R.T. 0.00 min

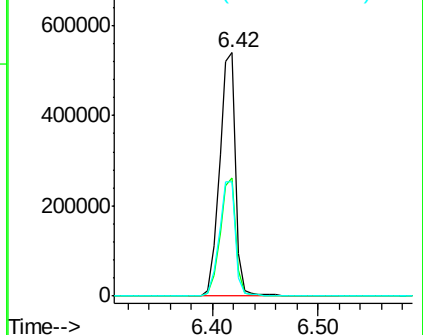
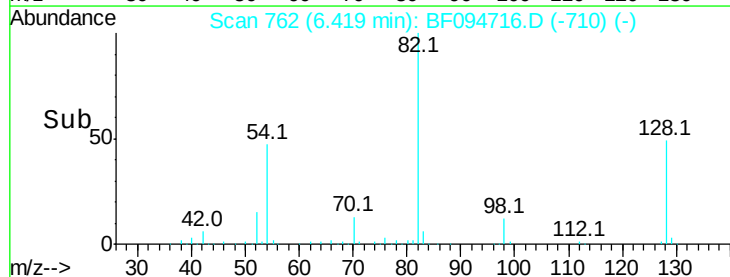
Lab File: BF094716.D

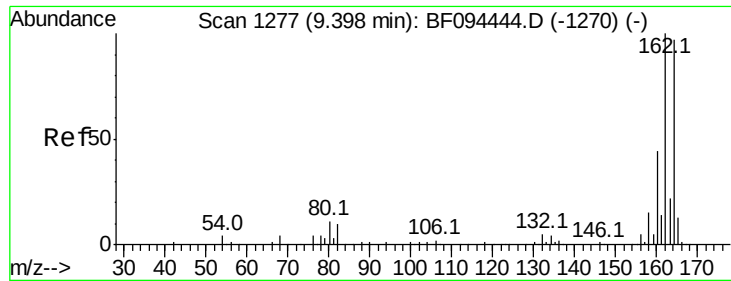
Acq: 30 Apr 2017 15:59

Tgt Ion: 82	Resp:	578370
Ion Ratio	Lower	Upper
82	100	
128	48.6	34.0 51.0
54	46.8	42.2 63.2



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.39 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF094716.D

Acq: 30 Apr 2017 15:59

Instrument :

BNA_F

ClientSampleId :

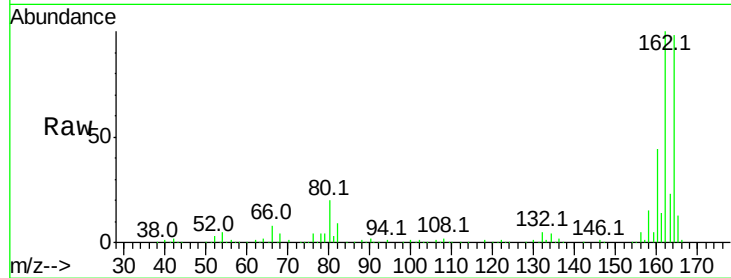
Tot Ion:164 Resp: 235001

Ion Ratio Lower Upper

164 100

162 102.5 82.6 123.8

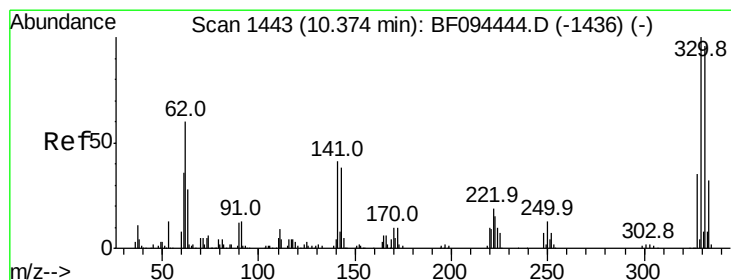
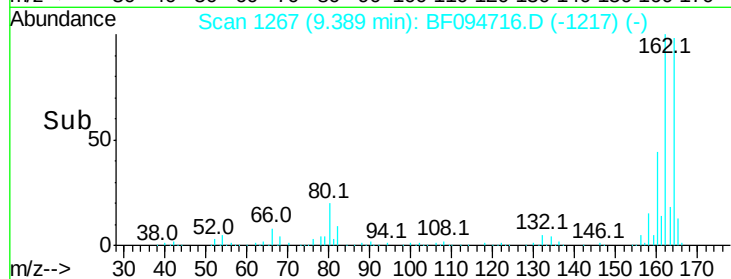
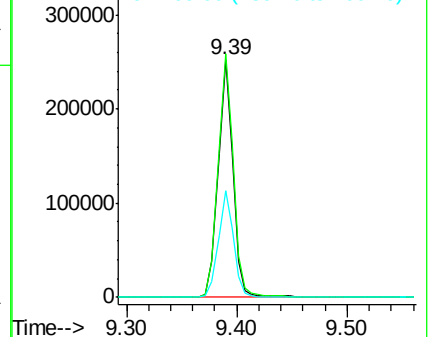
160 44.9 36.2 54.2



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: 58.32 ng

RT: 10.37 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF094716.D

Acq: 30 Apr 2017 15:59

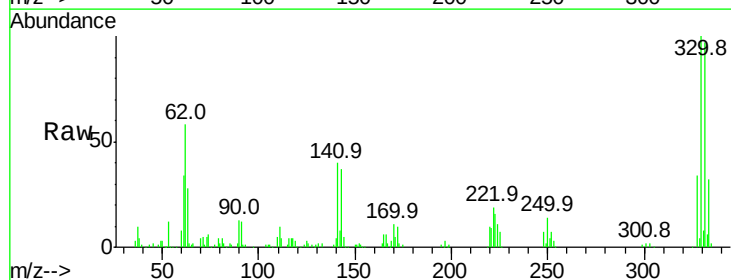
Tgt Ion:330 Resp: 107209

Ion Ratio Lower Upper

330 100

332 94.4 76.6 115.0

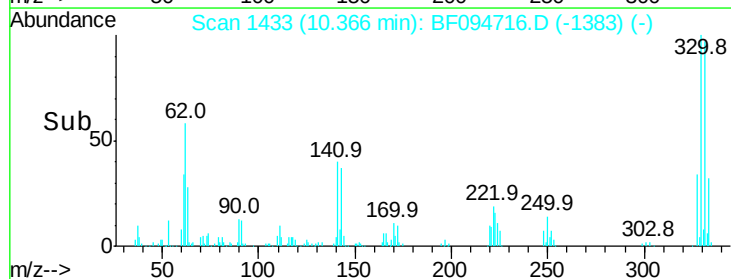
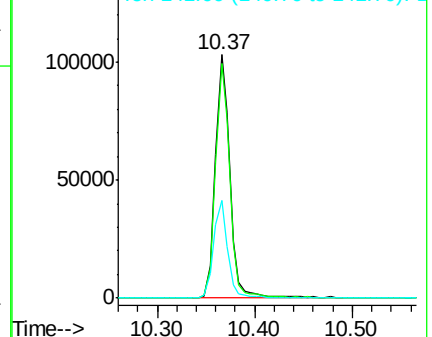
141 39.1 31.4 47.2

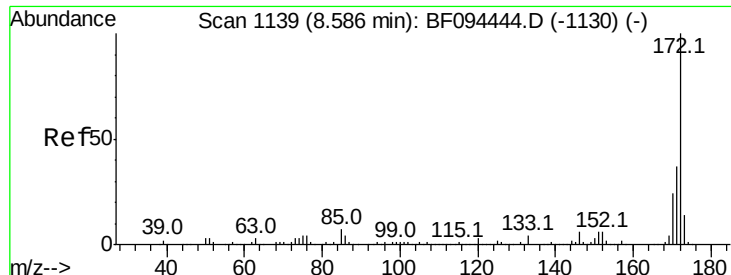


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

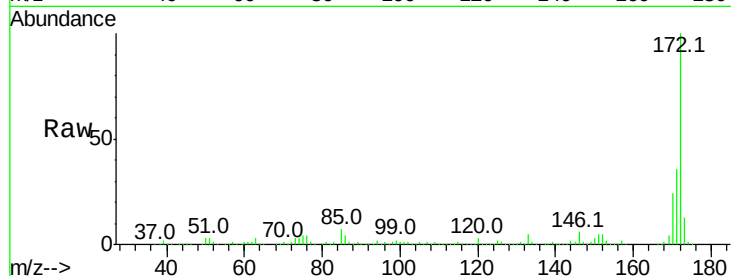




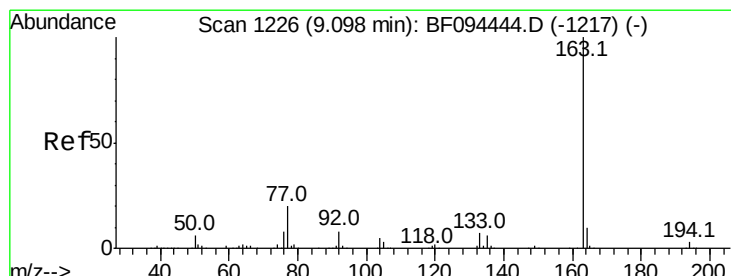
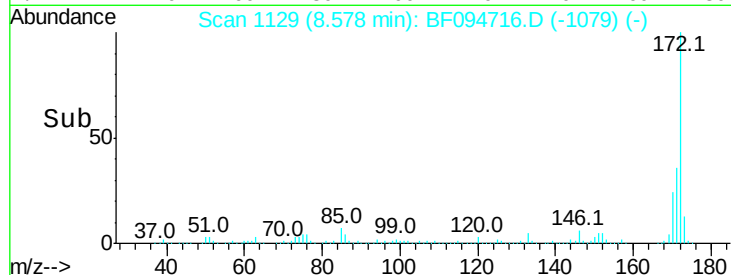
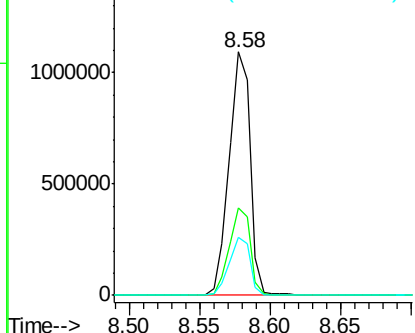
#44
2-Fluorobiphenyl
Concen: 71.40 ng
RT: 8.58 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF094716.D
Acq: 30 Apr 2017 15:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1140399
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 23.9 19.8 29.8

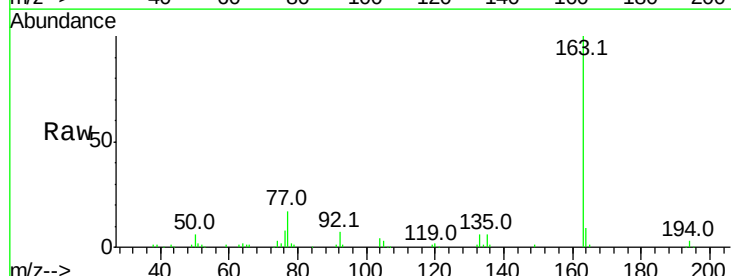


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

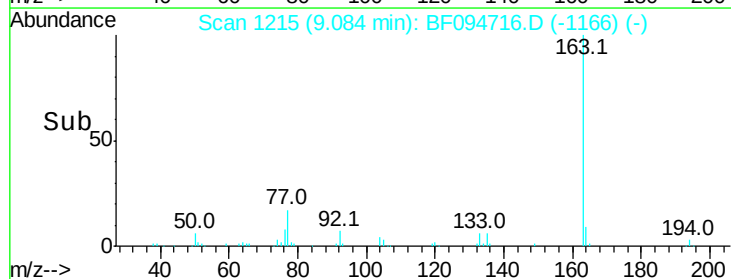
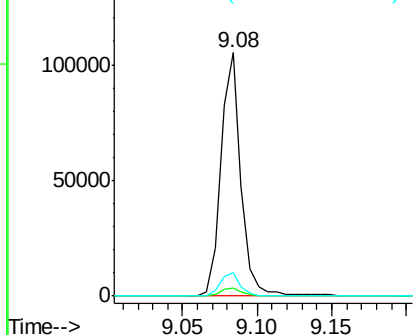


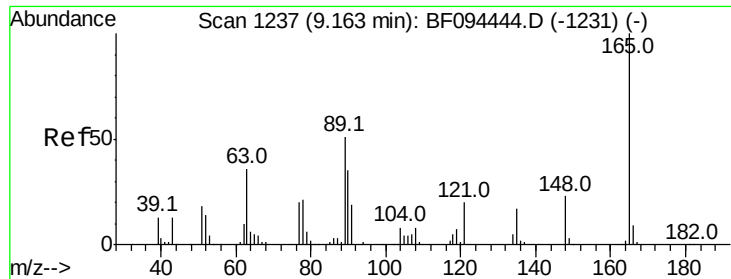
#49
Dimethylphthalate
Concen: 5.65 ng
RT: 9.08 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF094716.D
Acq: 30 Apr 2017 15:59

Tgt Ion:163 Resp: 98990
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 9.5 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

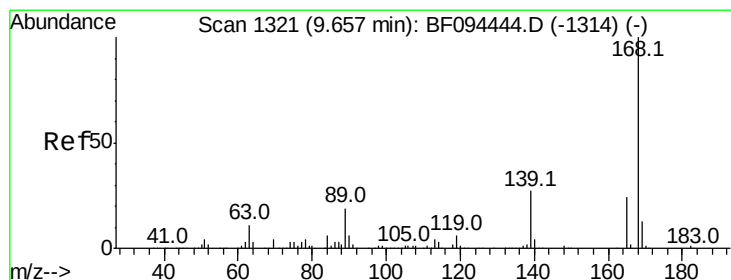
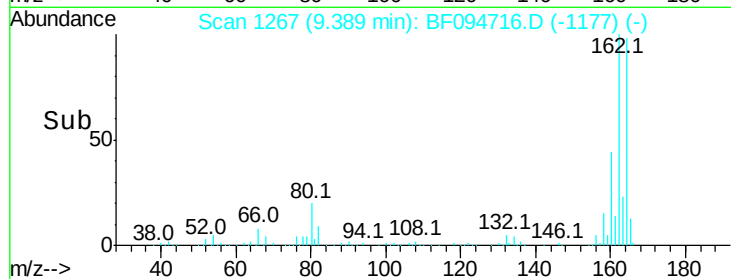
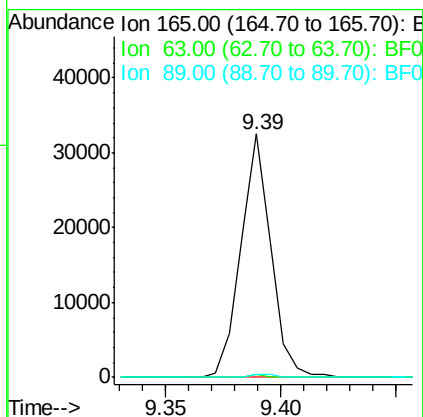
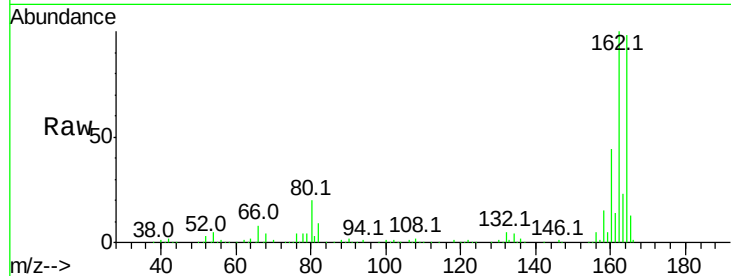




#50
 2,6-Dinitrotoluene
 Concen: 7.51 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. 0.23 min
 Lab File: BF094716.D
 Acq: 30 Apr 2017 15:59

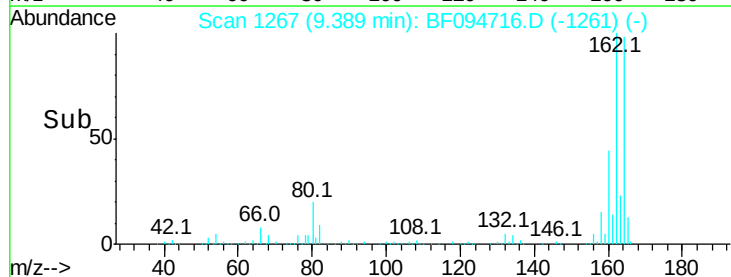
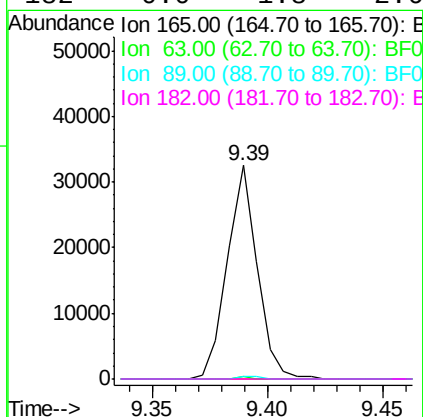
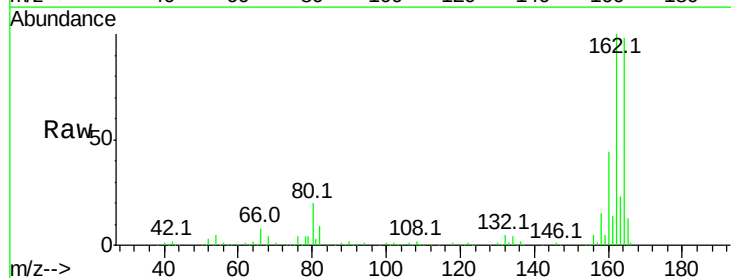
Instrument :
 BNA_F
 ClientSampleId :

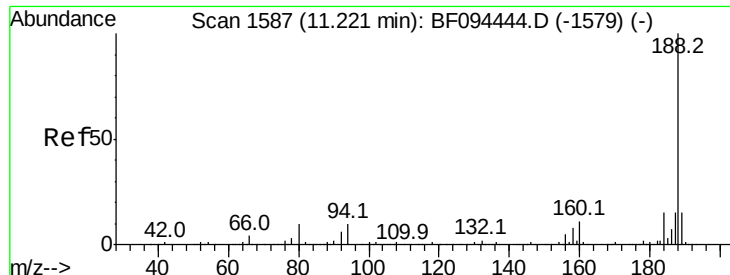
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.3	51.5#
89	1.4	37.1	55.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.12 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.27 min
 Lab File: BF094716.D
 Acq: 30 Apr 2017 15:59

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	25.4	38.0#
89	1.4	46.4	69.6#
182	0.0	1.8	2.6#

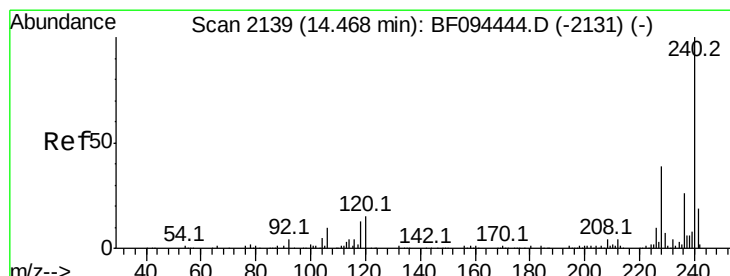
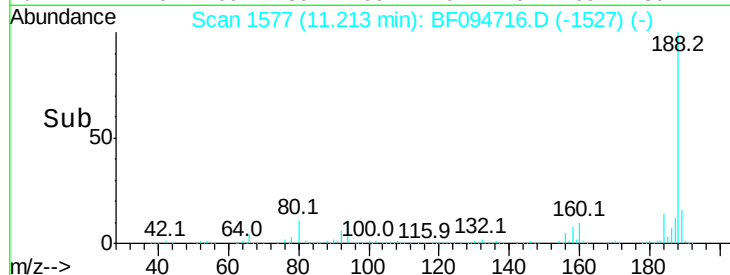
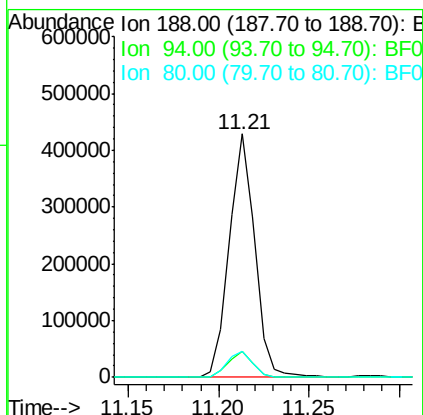
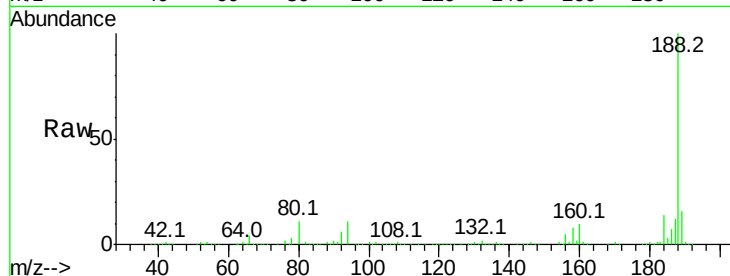




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF094716.D
 Acq: 30 Apr 2017 15:59

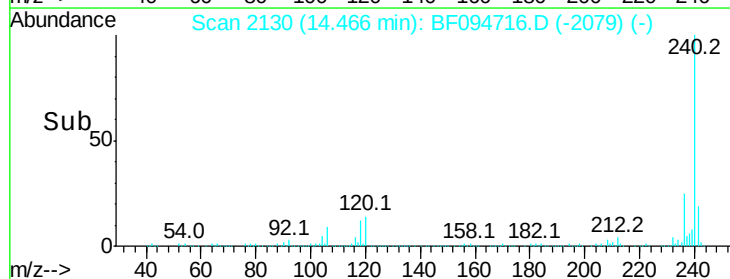
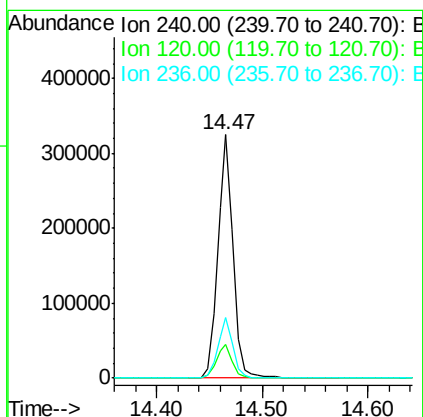
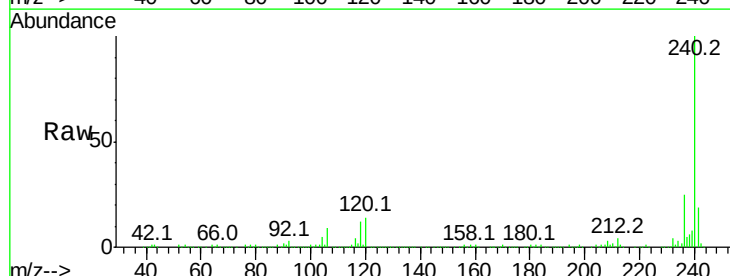
Instrument :
 BNA_F
 ClientSampled :

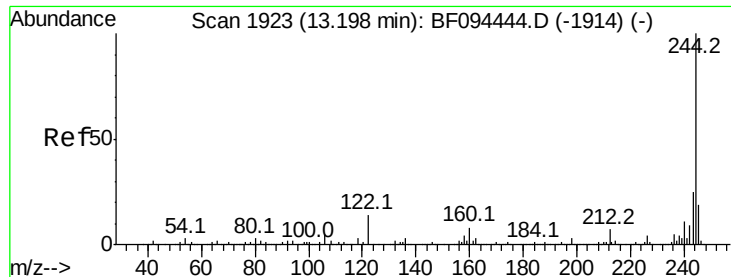
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.5	9.4	14.2
80	10.8	10.2	15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.47 min Scan# 2130
 Delta R.T. -0.00 min
 Lab File: BF094716.D
 Acq: 30 Apr 2017 15:59

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.6	5.8	8.8#
236	25.0	20.5	30.7

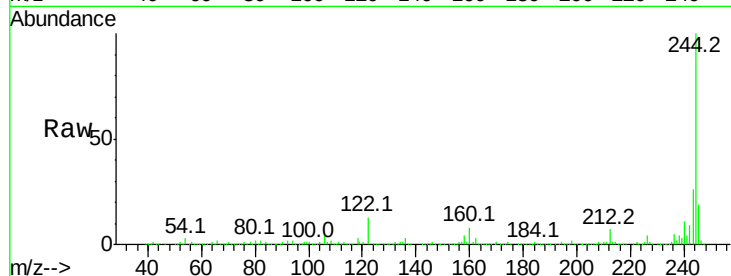




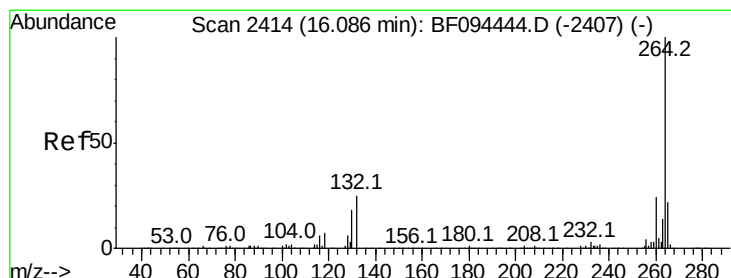
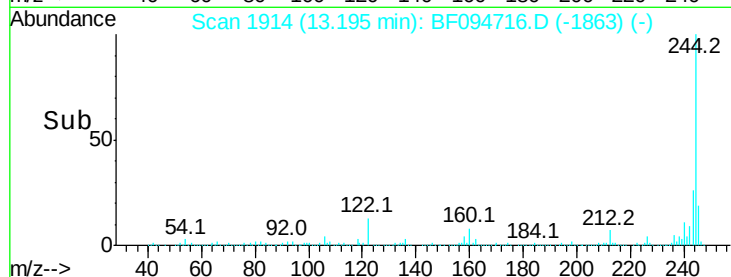
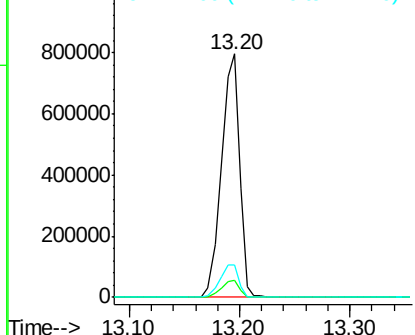
#78
 Terphenyl-d14
 Concen: 73.95 ng
 RT: 13.20 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: BF094716.D
 Acq: 30 Apr 2017 15:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 913364
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 13.4 10.3 15.5

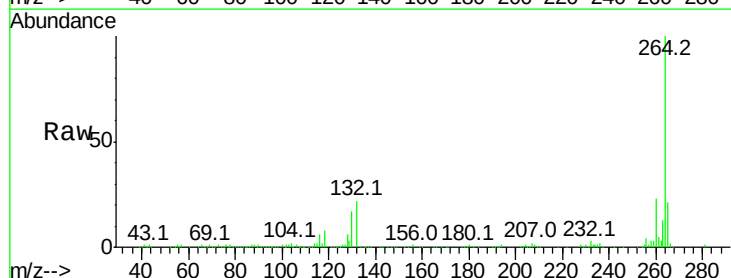


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2407
 Delta R.T. 0.01 min
 Lab File: BF094716.D
 Acq: 30 Apr 2017 15:59

Tgt Ion:264 Resp: 221589
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.5 29.3
 265 21.5 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

