

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
 Data File : BF093478.D
 Acq On : 9 Mar 2017 15:21
 Operator : SJ/MA
 Sample : I2127-26RE
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 15:45:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

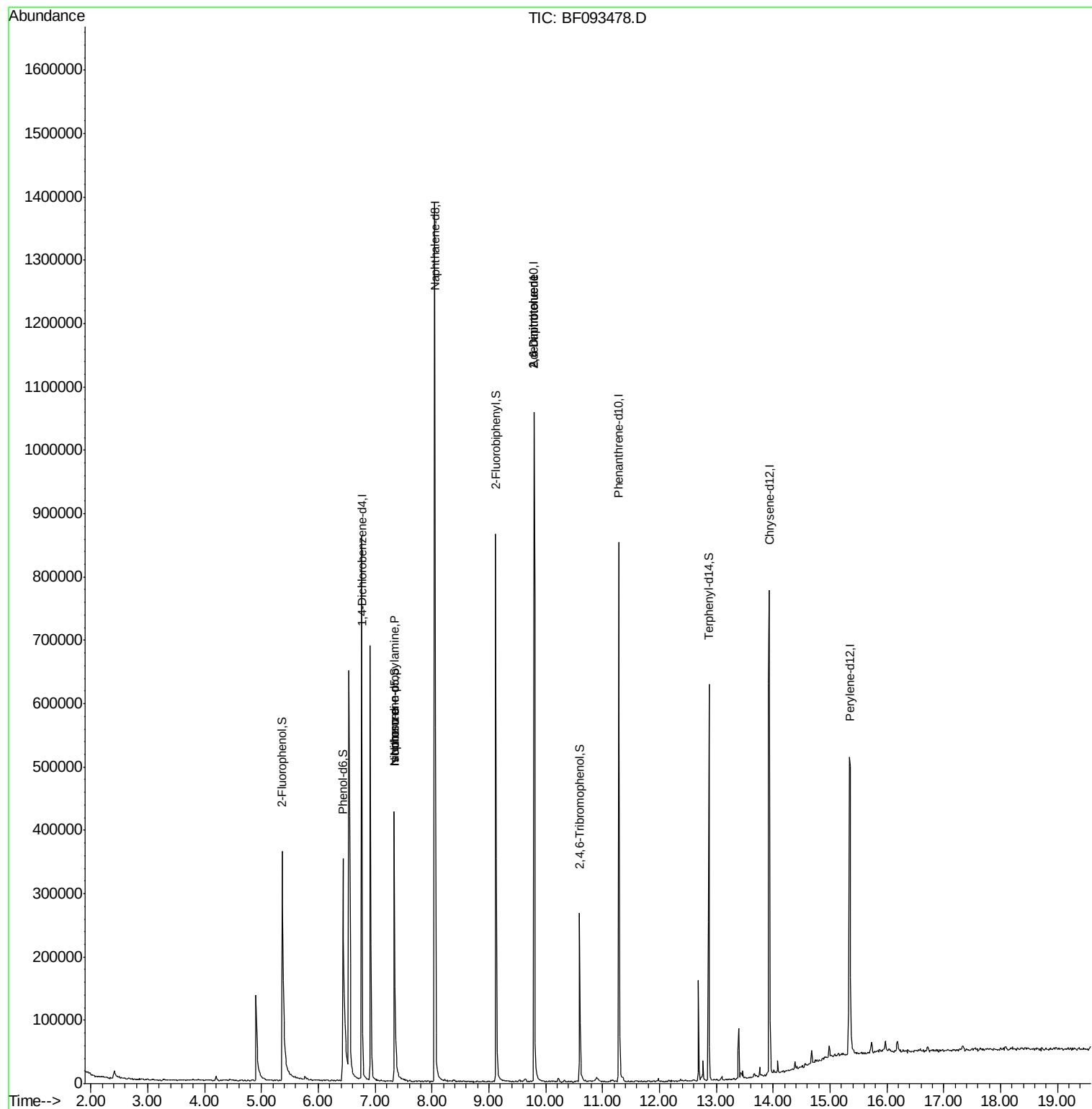
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	177267	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	694800	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	279753	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	426251	20.00	ng	0.00
75) Chrysene-d12	13.93	240	377889	20.00	ng	0.01
86) Perylene-d12	15.35	264	272816	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	220914	20.74	ng	0.01
7) Phenol-d6	6.44	99	268052	19.96	ng	0.02
23) Nitrobenzene-d5	7.34	82	186101	14.86	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	31096	17.06	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	313257	20.83	ng	-0.01
78) Terphenyl-d14	12.87	244	211215	14.53	ng	0.00
Target Compounds						
9) Benzaldehyde	6.44	77	294	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.34	70	24314	2.63	ng	# 84
25) Isophorone	7.34	82	187521	7.43	ng	# 65
50) 2,6-Dinitrotoluene	9.80	165	33453	8.22	ng	# 31
56) 2,4-Dinitrotoluene	9.80	165	33449	6.69	ng	# 20

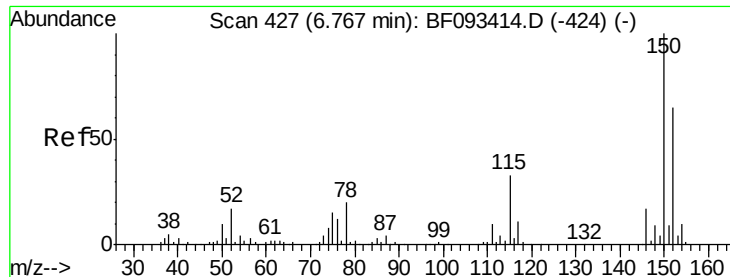
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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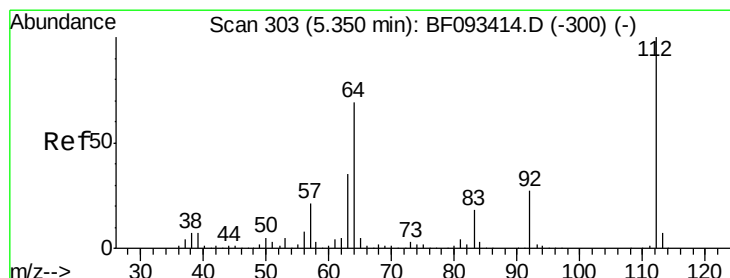
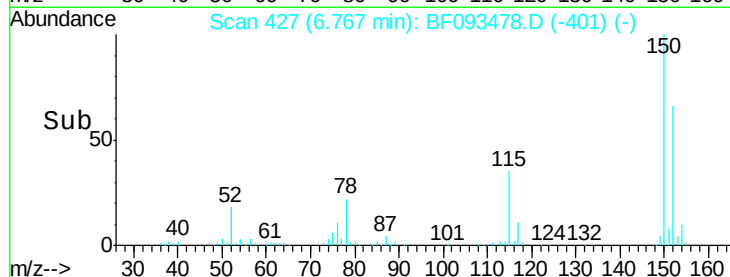
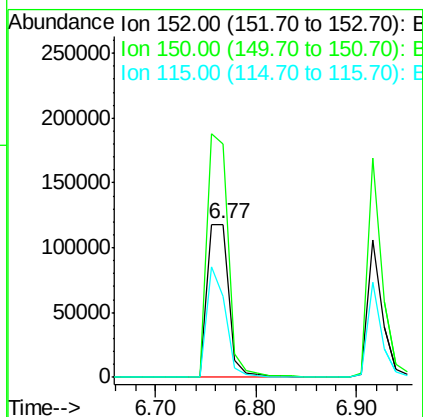
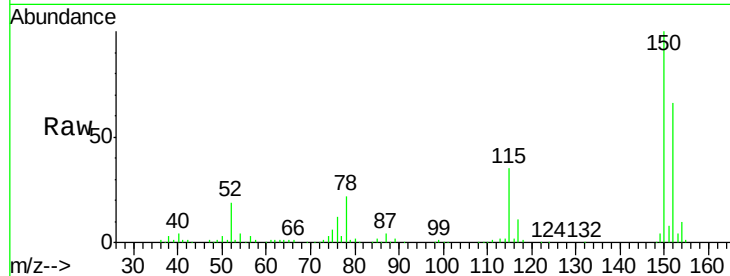


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF093478.D
Acq: 9 Mar 2017 15:21

Instrument :
BNA_F
ClientSampleId :

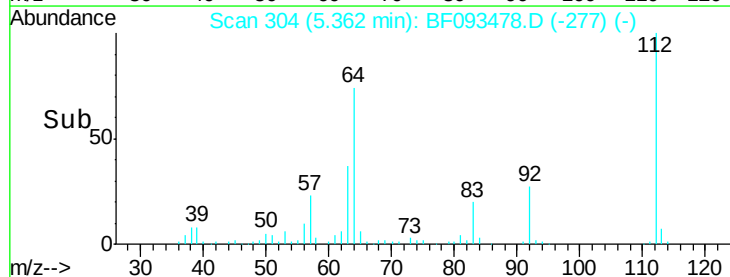
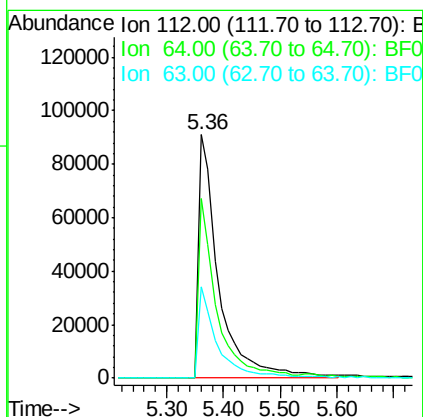
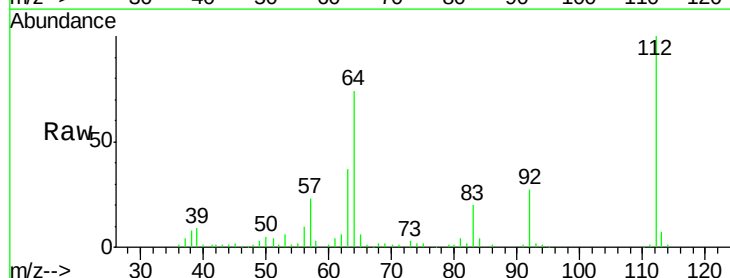
Tot Ion:152 Resp: 177267
Ion Ratio Lower Upper
152 100
150 152.1 124.9 187.3
115 53.0 46.0 69.0

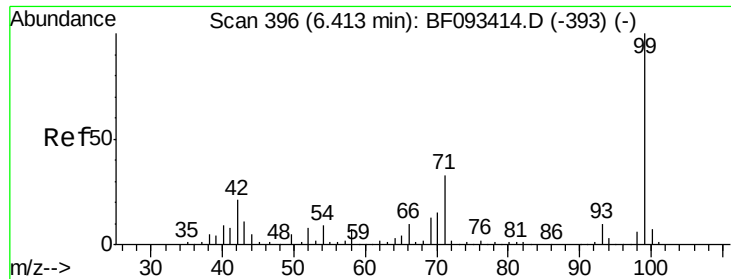


#5

2-Fluorophenol
Concen: 20.74 ng
RT: 5.36 min Scan# 304
Delta R.T. 0.01 min
Lab File: BF093478.D
Acq: 9 Mar 2017 15:21

Tgt Ion:112 Resp: 220914
Ion Ratio Lower Upper
112 100
64 73.8 46.1 69.1#
63 37.3 23.8 35.6#





#7

Phenol-d6

Concen: 19.96 ng

RT: 6.44 min Scan# 398

Delta R.T. 0.02 min

Lab File: BF093478.D

Acq: 9 Mar 2017 15:21

Instrument :

BNA_F

ClientSampleId :

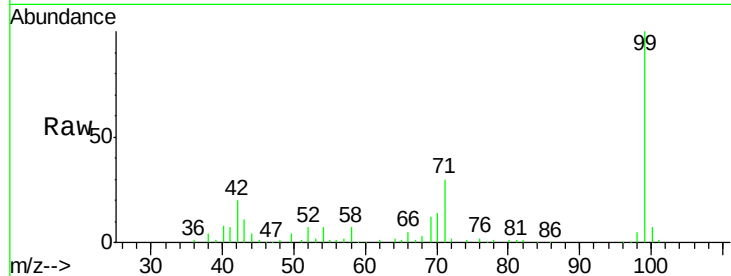
Tot Ion: 99 Resp: 268052

Ion Ratio Lower Upper

99 100

42 19.9 15.6 23.4

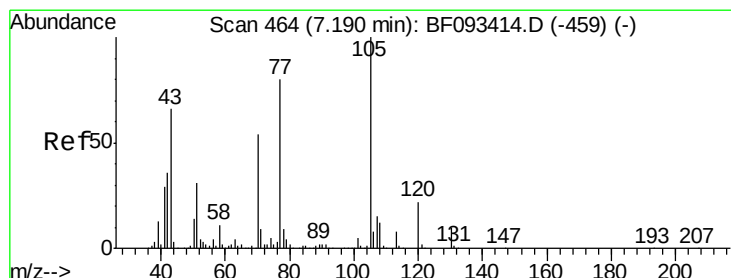
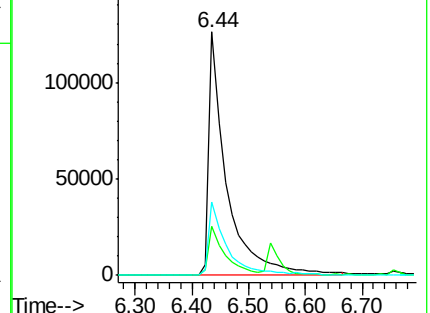
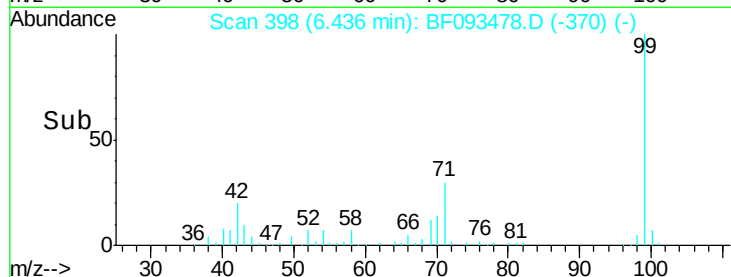
71 30.2 27.5 41.3



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: 2.63 ng

RT: 7.34 min Scan# 477

Delta R.T. 0.15 min

Lab File: BF093478.D

Acq: 9 Mar 2017 15:21

Tgt Ion: 70 Resp: 24314

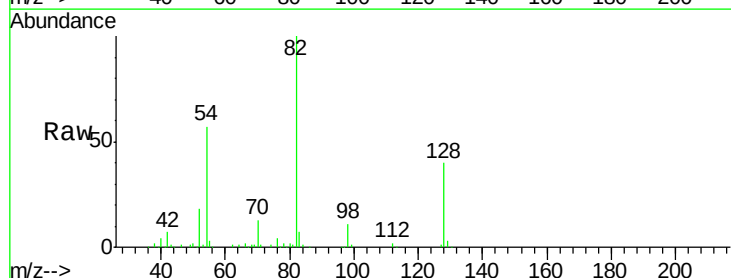
Ion Ratio Lower Upper

70 100

42 54.8 49.4 74.0

101 0.0 7.4 11.2#

130 2.5 14.2 21.4#

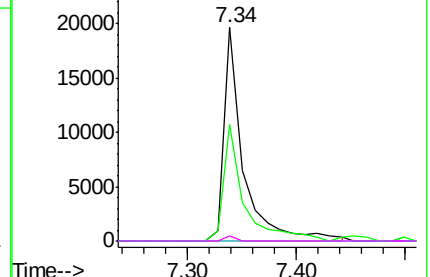
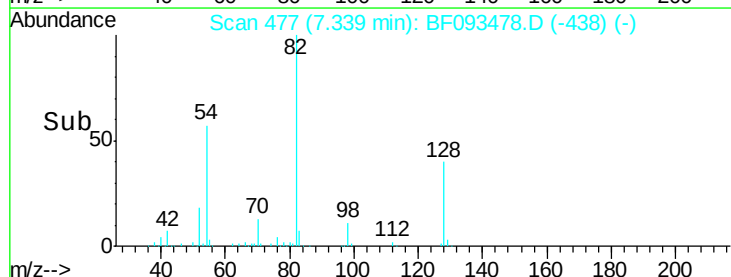


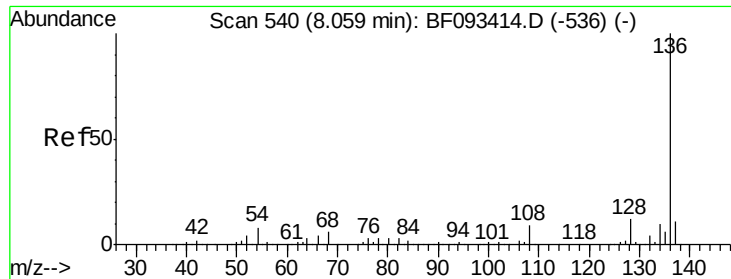
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

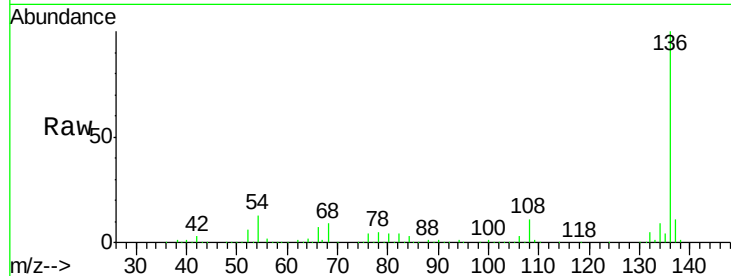




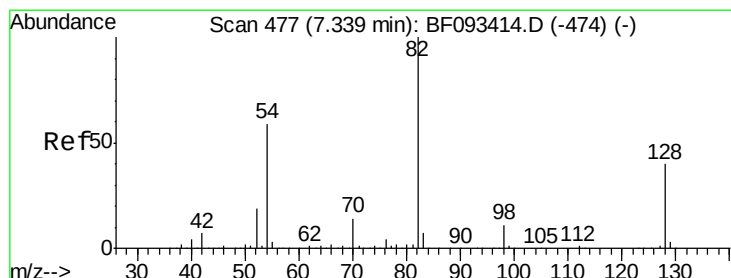
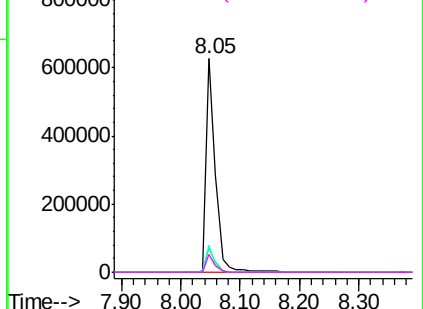
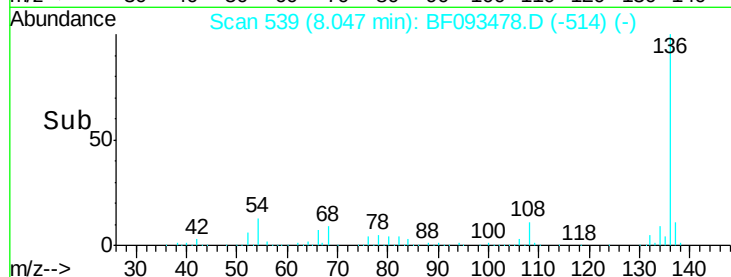
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF093478.D
Acq: 9 Mar 2017 15:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	694800
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.4 12.6
54	12.6	4.5 6.7#
68	8.7	3.6 5.4#

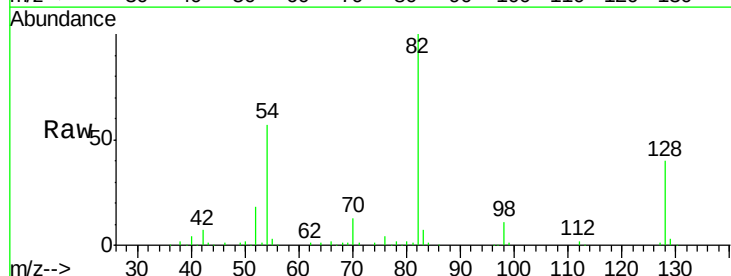


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

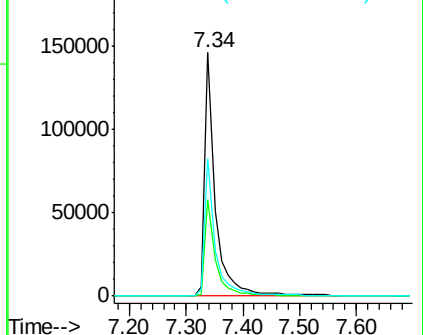
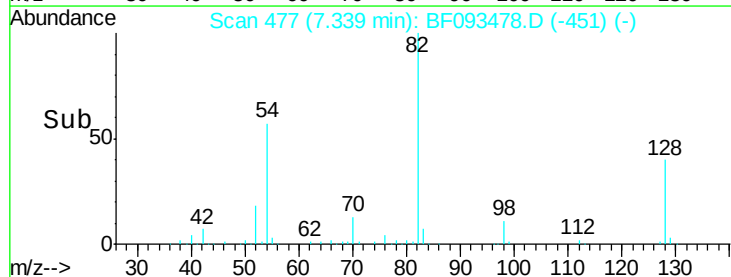


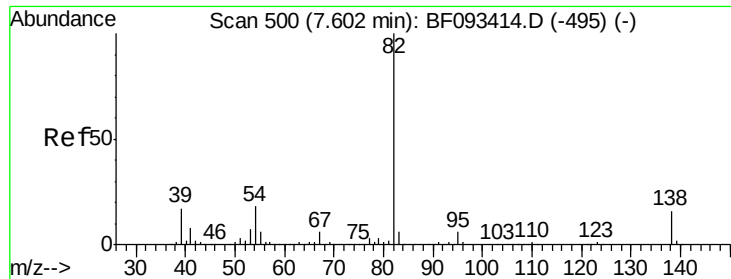
#23
Nitrobenzene-d5
Concen: 14.86 ng
RT: 7.34 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF093478.D
Acq: 9 Mar 2017 15:21

Tgt Ion: 82	Resp:	186101
Ion Ratio	Lower	Upper
82	100	
128	39.7	34.6 52.0
54	56.6	39.5 59.3



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: 7.43 ng

RT: 7.34 min Scan# 477

Delta R.T. -0.26 min

Lab File: BF093478.D

Acq: 9 Mar 2017 15:21

Instrument :

BNA_F

ClientSampleId :

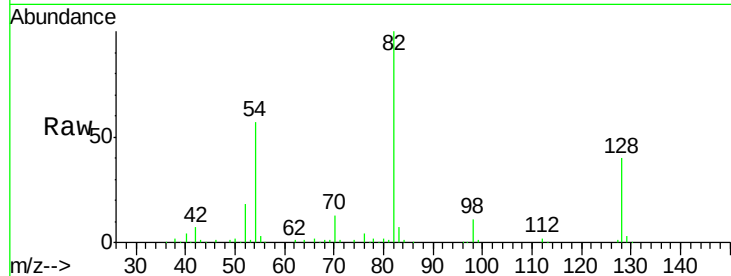
Tot Ion: 82 Resp: 187521

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

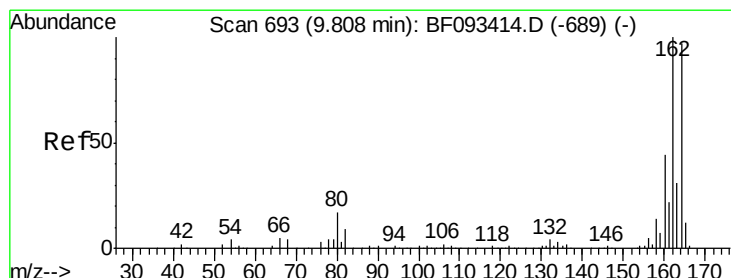
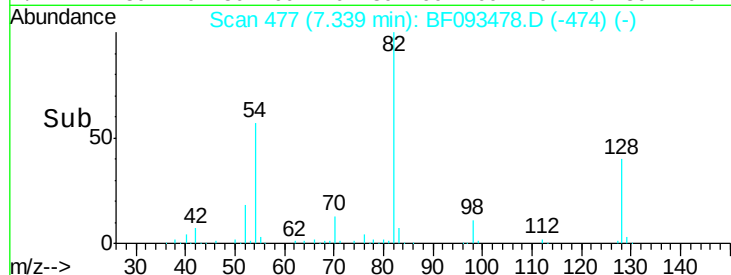
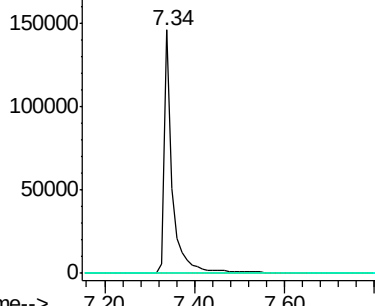
138 0.0 14.6 22.0#



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: 9.80 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF093478.D

Acq: 9 Mar 2017 15:21

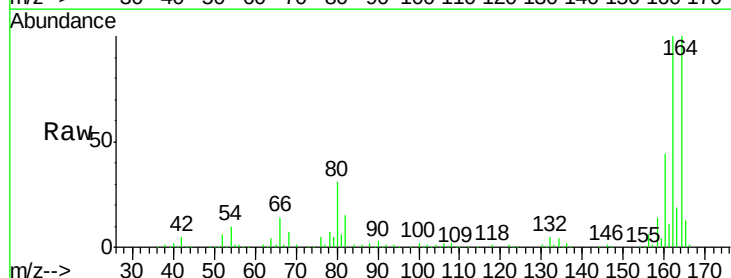
Tgt Ion:164 Resp: 279753

Ion Ratio Lower Upper

164 100

162 100.1 80.2 120.2

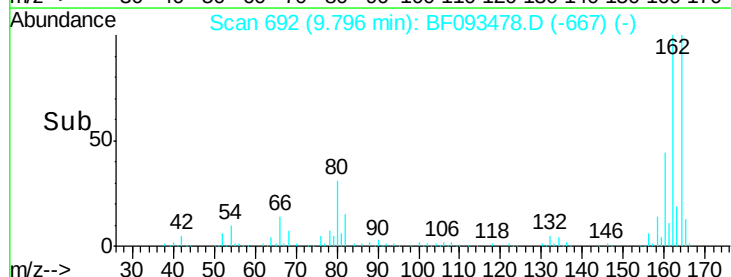
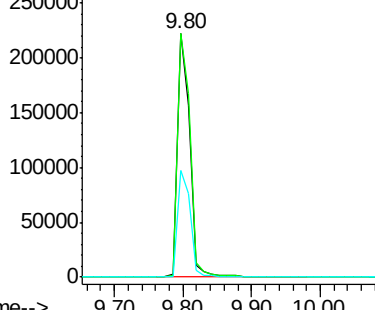
160 43.9 36.9 55.3

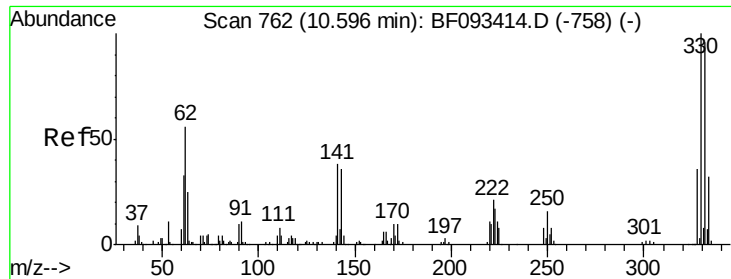


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

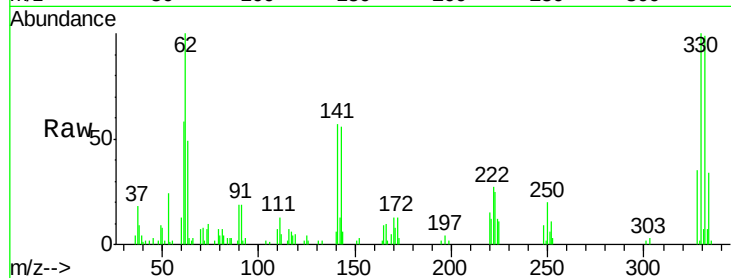




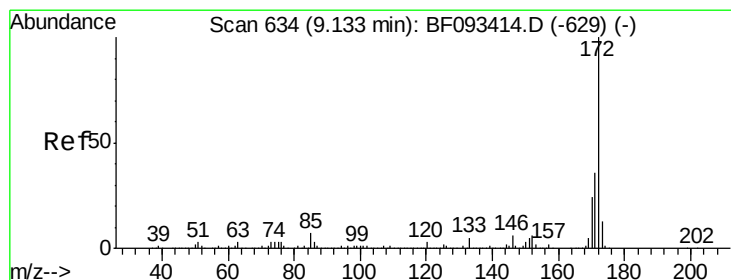
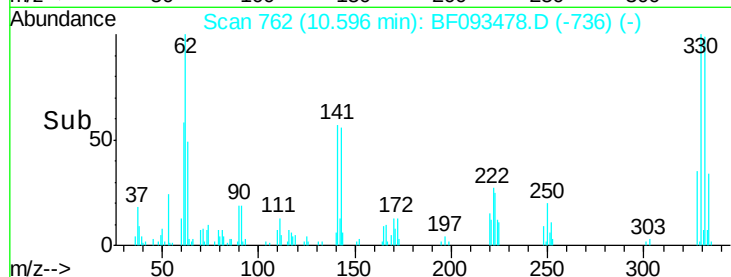
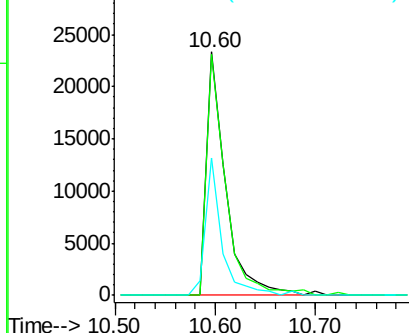
#41
 2,4,6-Tribromophenol
 Concen: 17.06 ng
 RT: 10.60 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF093478.D
 Acq: 9 Mar 2017 15:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 31096
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.4 116.2
 141 48.5 34.1 51.1

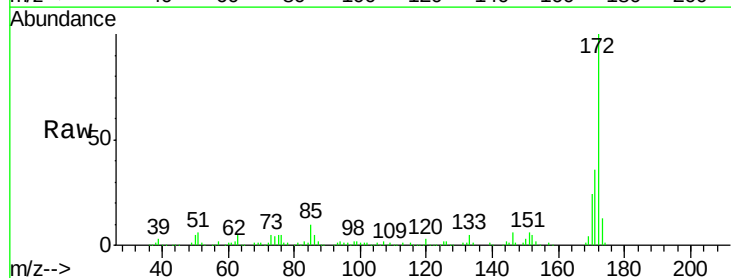


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

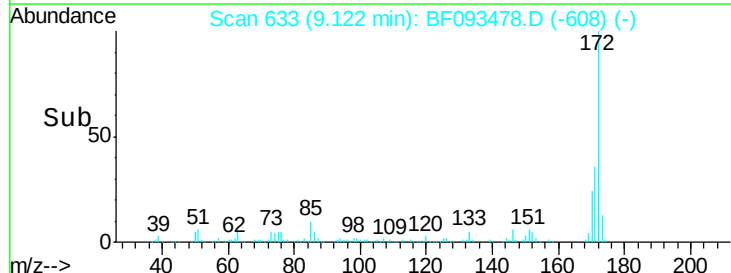
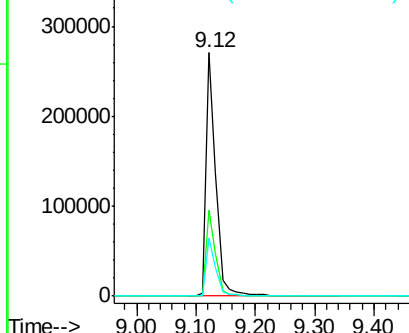


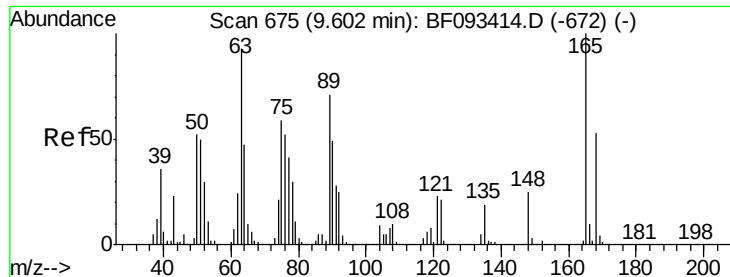
#44
 2-Fluorobiphenyl
 Concen: 20.83 ng
 RT: 9.12 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF093478.D
 Acq: 9 Mar 2017 15:21

Tgt Ion:172 Resp: 313257
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.4 44.0
 170 23.9 20.2 30.4



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

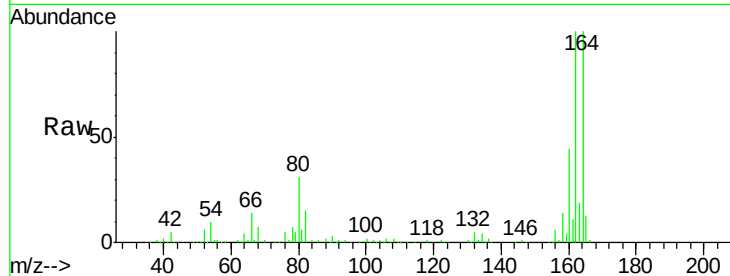




#50
 2,6-Dinitrotoluene
 Concen: 8.22 ng
 RT: 9.80 min Scan# 692
 Delta R.T. 0.19 min
 Lab File: BF093478.D
 Acq: 9 Mar 2017 15:21

Instrument :
 BNA_F
 ClientSampleId :

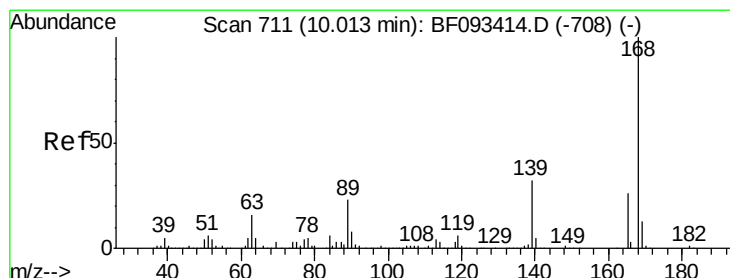
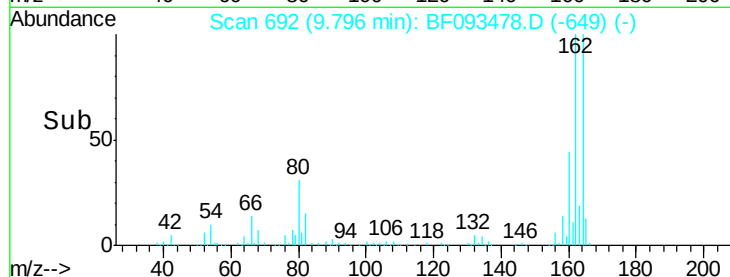
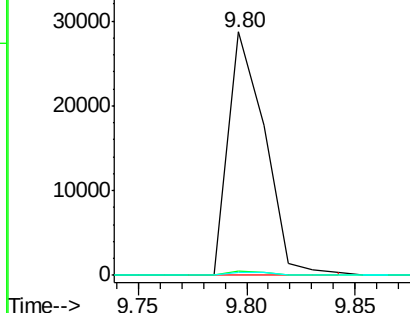
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.2	54.4#
89	1.3	40.2	60.4#



Abundance Ion 165.00 (164.70 to 165.70): E

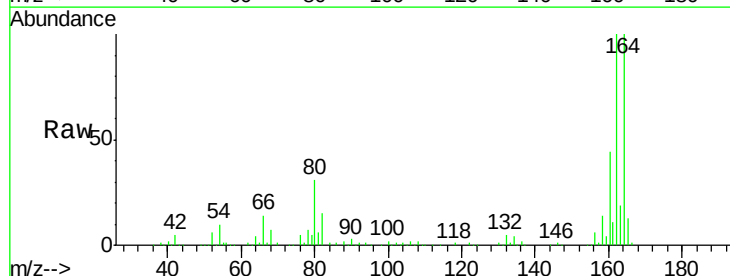
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.69 ng
 RT: 9.80 min Scan# 692
 Delta R.T. -0.22 min
 Lab File: BF093478.D
 Acq: 9 Mar 2017 15:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	40.2	60.4#
89	1.3	62.5	93.7#
182	0.0	1.8	2.8#

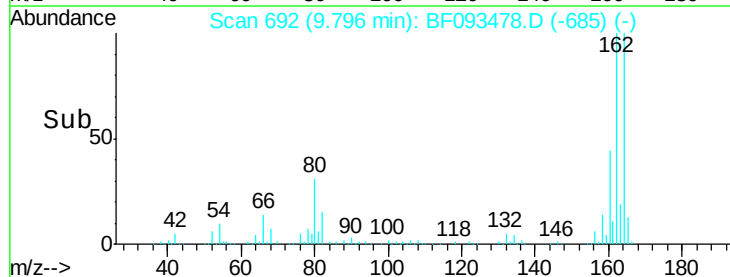
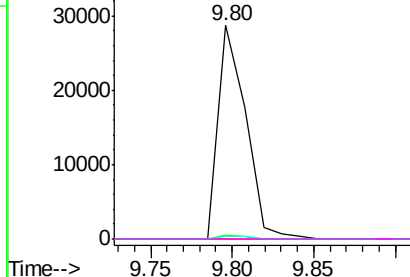


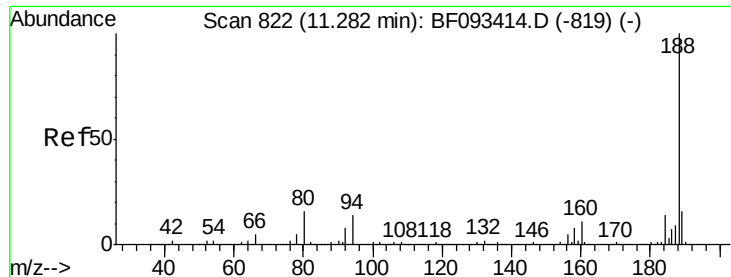
Abundance Ion 165.00 (164.70 to 165.70): E

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

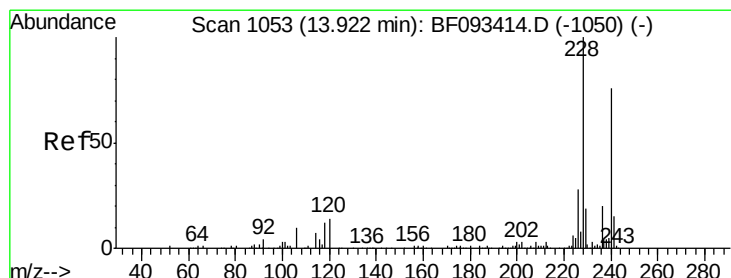
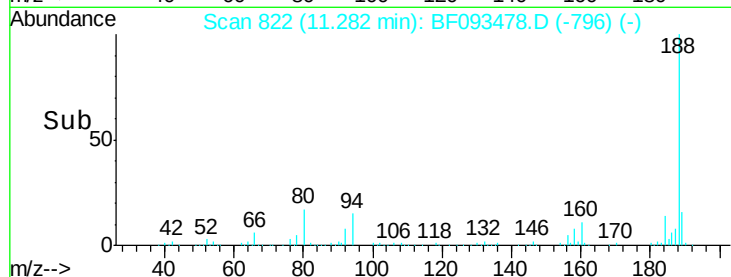
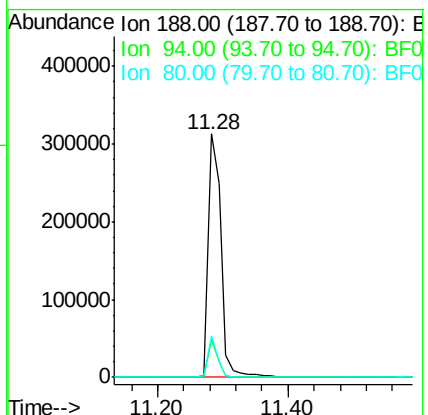
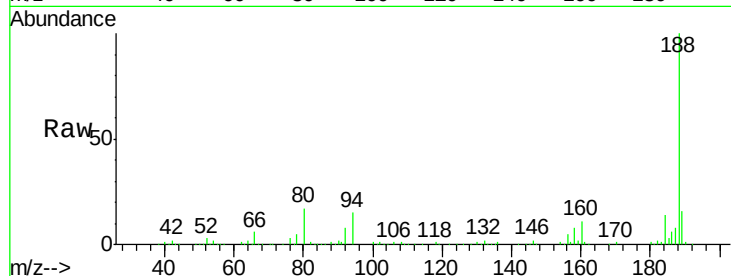




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF093478.D
Acq: 9 Mar 2017 15:21

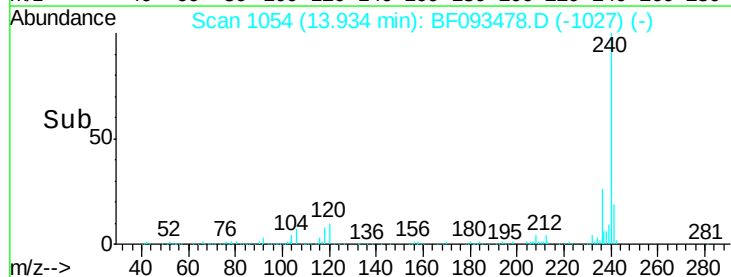
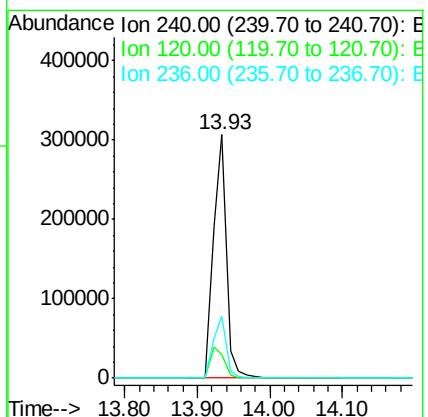
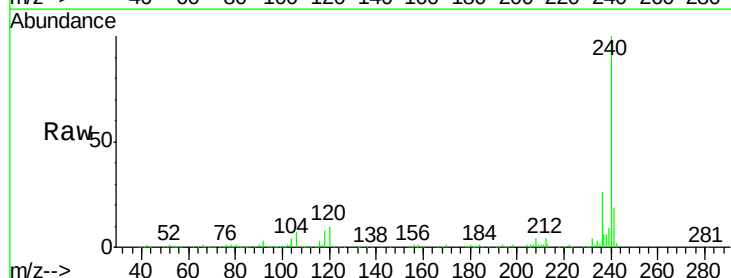
Instrument :
BNA_F
ClientSampleId :

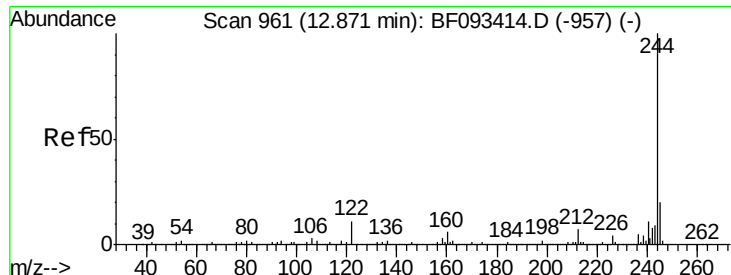
Tot Ion:188 Resp: 426251
Ion Ratio Lower Upper
188 100
94 15.3 10.0 15.0#
80 16.9 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1054
Delta R.T. 0.01 min
Lab File: BF093478.D
Acq: 9 Mar 2017 15:21

Tgt Ion:240 Resp: 377889
Ion Ratio Lower Upper
240 100
120 9.8 12.9 19.3#
236 25.5 20.9 31.3





#78

Terphenyl-d14

Concen: 14.53 ng

RT: 12.87 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF093478.D

Acq: 9 Mar 2017 15:21

Instrument :
BNA_F
ClientSampleId :

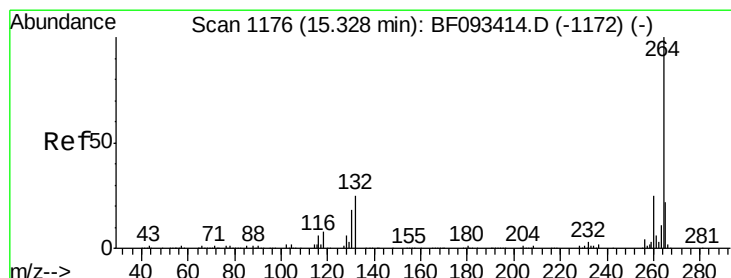
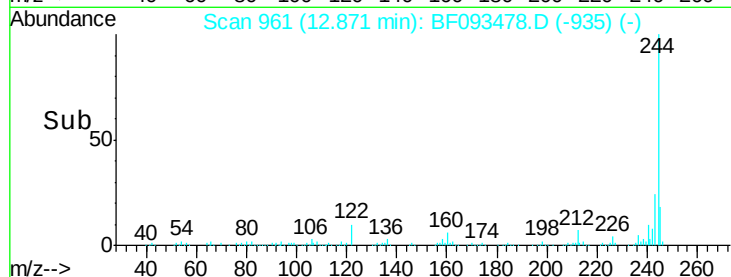
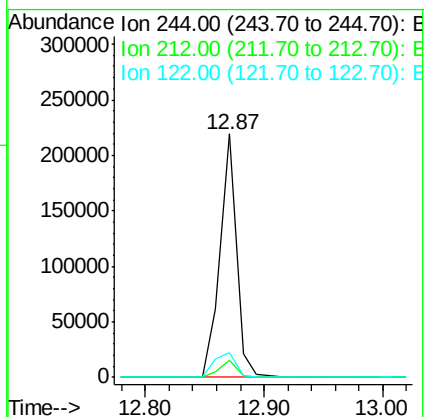
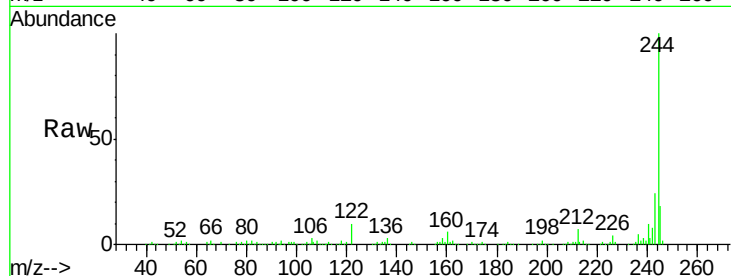
Tot Ion:244 Resp: 211215

Ion Ratio Lower Upper

244 100

212 7.0 6.2 9.2

122 9.9 11.4 17.2#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.35 min Scan# 1178

Delta R.T. 0.02 min

Lab File: BF093478.D

Acq: 9 Mar 2017 15:21

Tgt Ion:264 Resp: 272816

Ion Ratio Lower Upper

264 100

260 25.2 19.2 28.8

265 21.0 17.4 26.0

