

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
 Data File : BF093466.D
 Acq On : 9 Mar 2017 9:55
 Operator : SJ/MA
 Sample : I2127-27
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 10:22:25 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

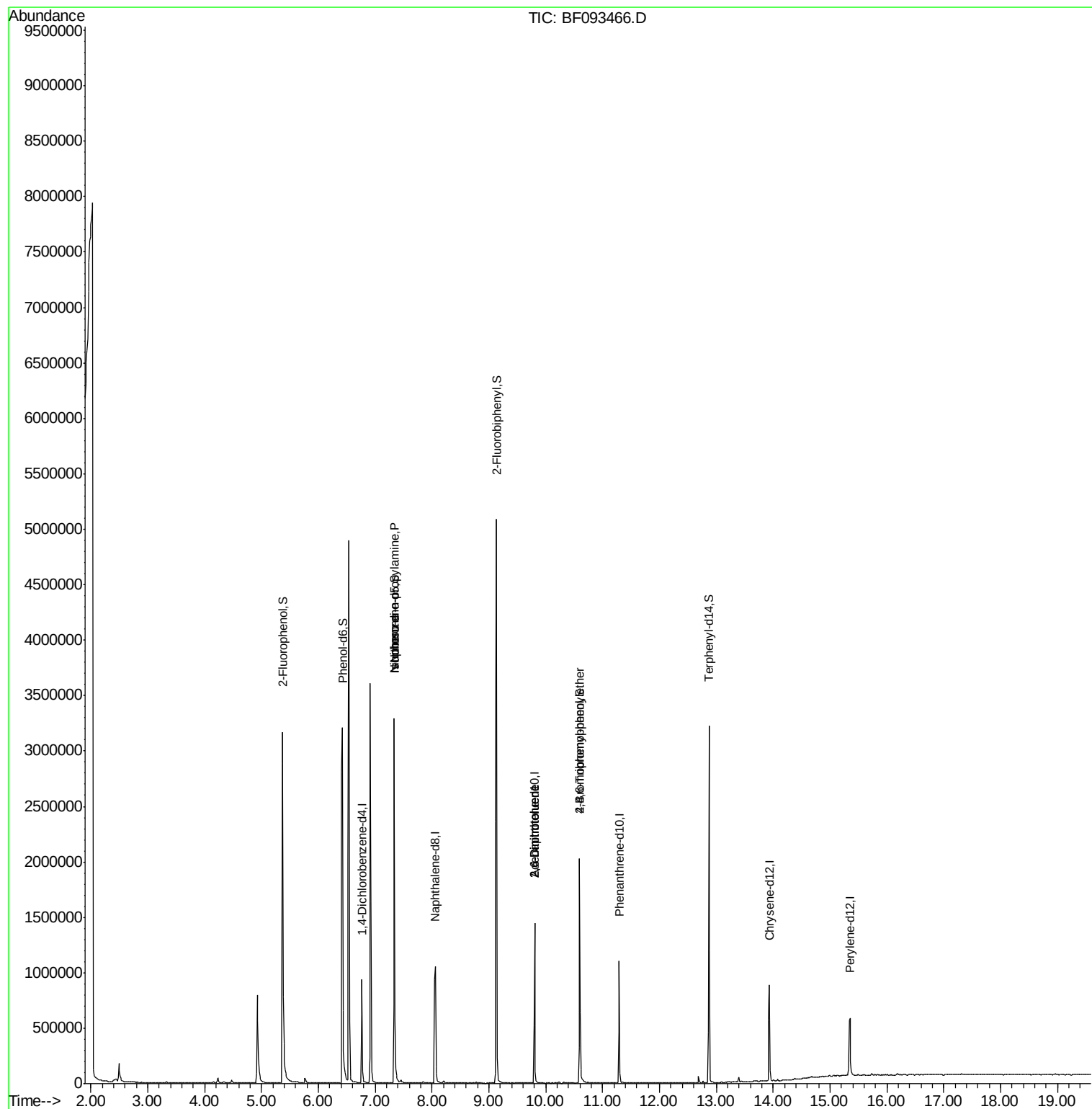
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	188825	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	702948	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	312986	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	459007	20.00	ng	0.01
75) Chrysene-d12	13.93	240	385162	20.00	ng	0.01
86) Perylene-d12	15.35	264	296971	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1492032	131.51	ng	0.02
7) Phenol-d6	6.42	99	1832485	128.08	ng	0.01
23) Nitrobenzene-d5	7.34	82	1123834	88.71	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	233324	114.42	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1790637	106.42	ng	0.00
78) Terphenyl-d14	12.87	244	1077626	72.74	ng	0.00
Target Compounds						
9) Benzaldehyde	6.42	77	2317	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.34	70	151460	15.40	ng	83
25) Isophorone	7.34	82	943761	36.94	ng	65
50) 2,6-Dinitrotoluene	9.81	165	38717	8.50	ng	31
56) 2,4-Dinitrotoluene	9.81	165	38720	6.92	ng	20
66) 4-Bromophenyl-phenylether	10.60	248	17479	3.60	ng	1

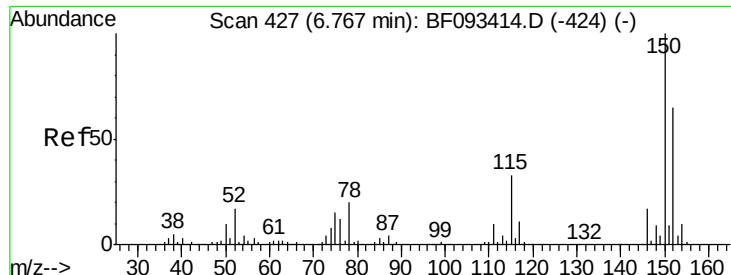
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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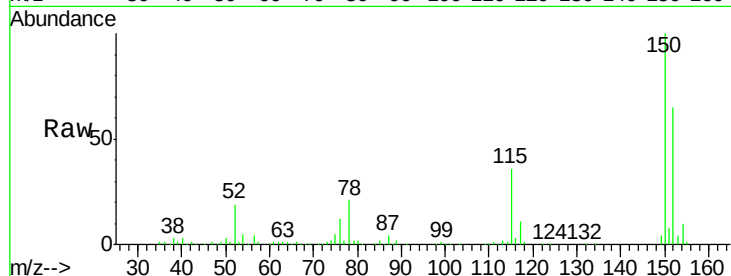


#1

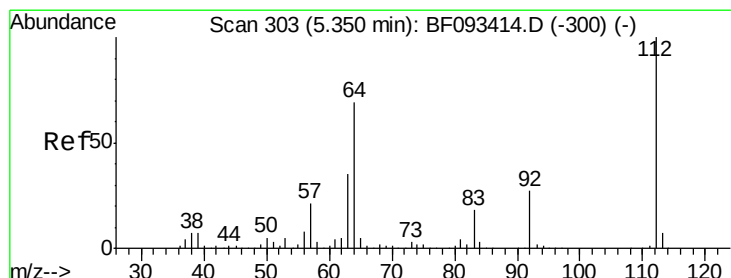
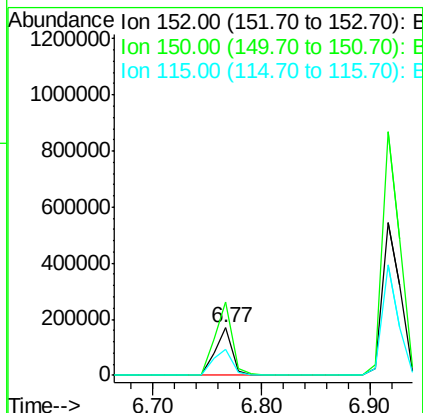
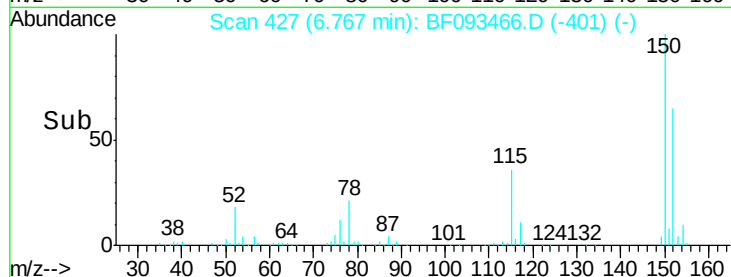
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF093466.D
Acq: 9 Mar 2017 9:55

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.9	187.3
115	55.2	46.0	69.0



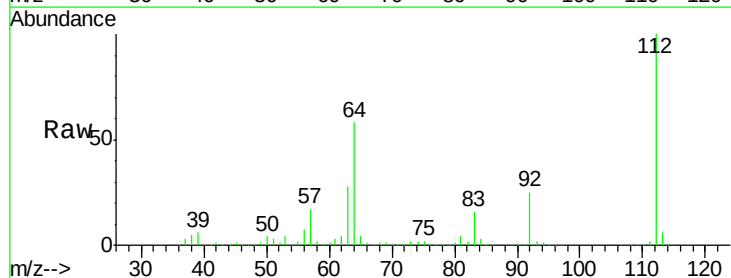
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



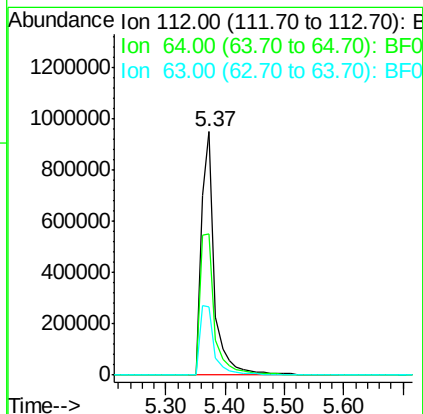
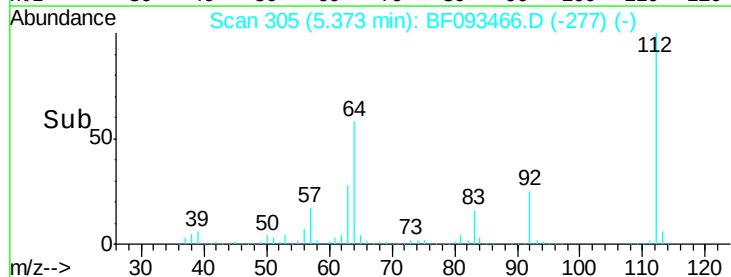
#5

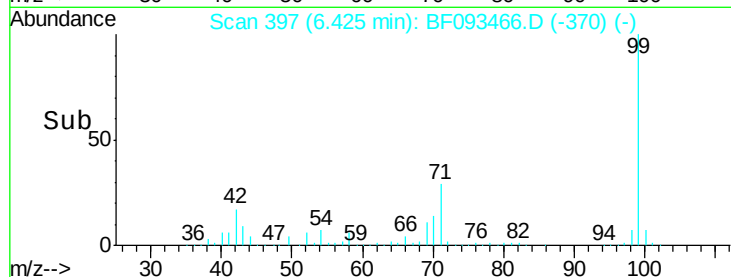
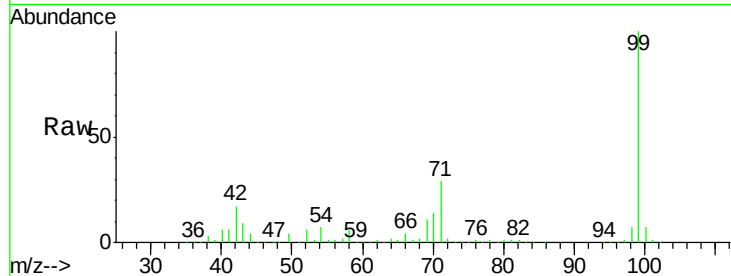
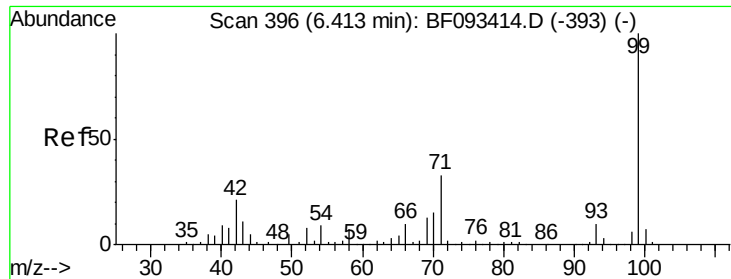
2-Fluorophenol
Concen: 131.51 ng
RT: 5.37 min Scan# 305
Delta R.T. 0.02 min
Lab File: BF093466.D
Acq: 9 Mar 2017 9:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.0	46.1	69.1
63	28.3	23.8	35.6



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: 128.08 ng

RT: 6.42 min Scan# 397

Delta R.T. 0.01 min

Lab File: BF093466.D

Acq: 9 Mar 2017 9:55

Instrument :

BNA_F

ClientSampleId :

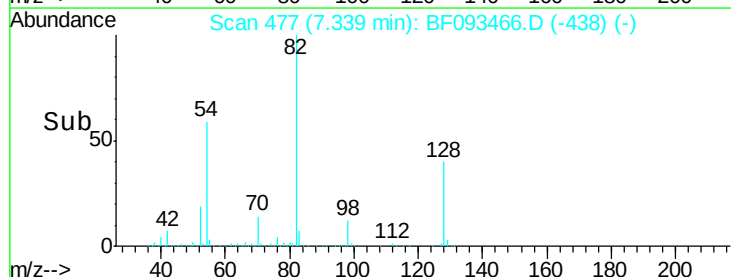
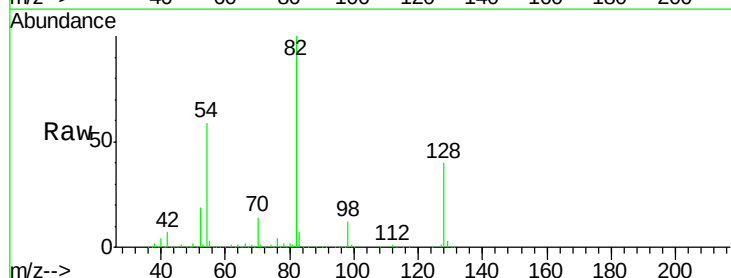
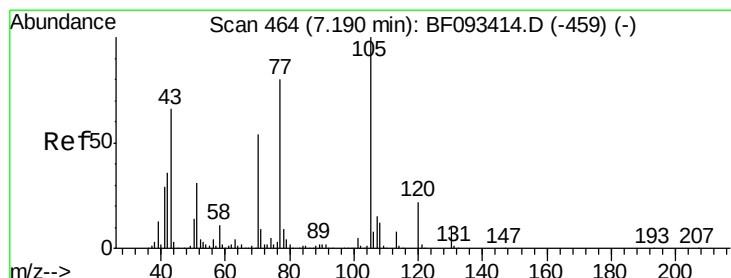
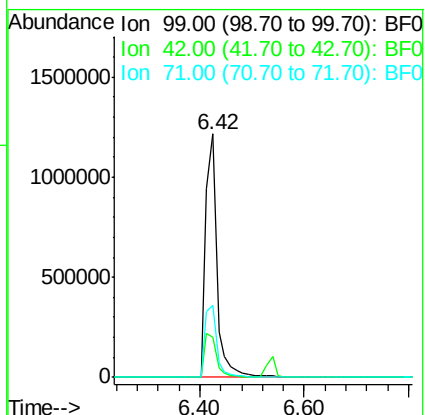
Tot Ion: 99 Resp: 1832485

Ion Ratio Lower Upper

99 100

42 16.6 15.6 23.4

71 29.5 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 15.40 ng

RT: 7.34 min Scan# 477

Delta R.T. 0.15 min

Lab File: BF093466.D

Acq: 9 Mar 2017 9:55

Tgt Ion: 70 Resp: 151460

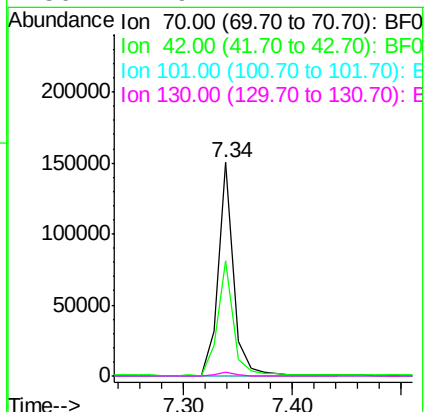
Ion Ratio Lower Upper

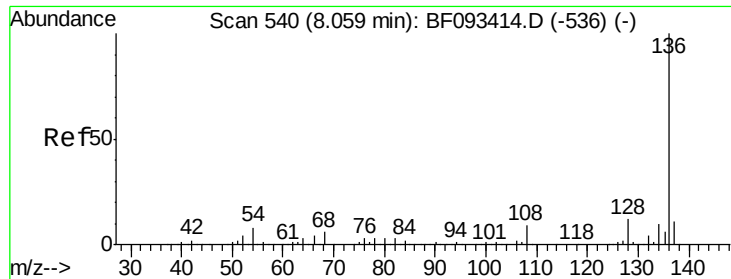
70 100

42 53.9 49.4 74.0

101 0.0 7.4 11.2#

130 1.9 14.2 21.4#

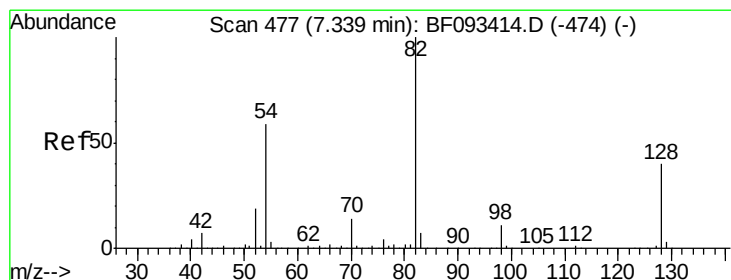
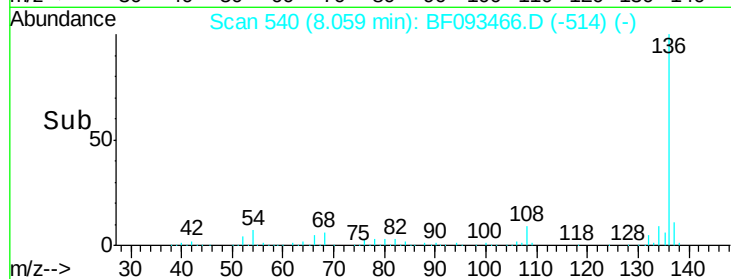
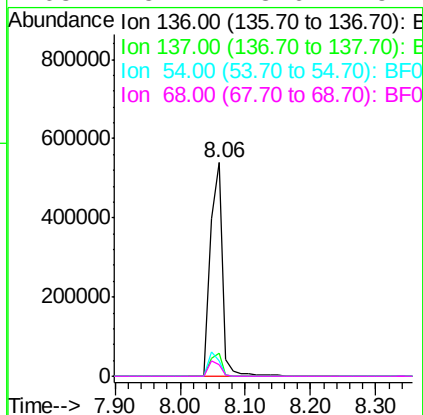
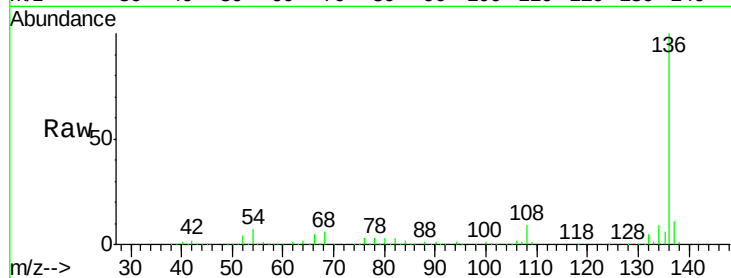




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF093466.D
Acq: 9 Mar 2017 9:55

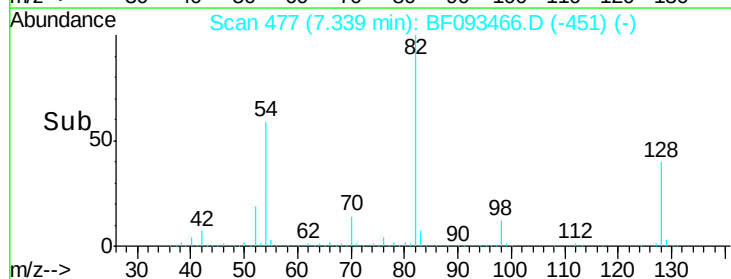
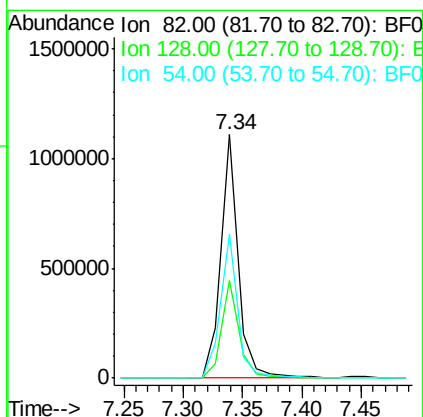
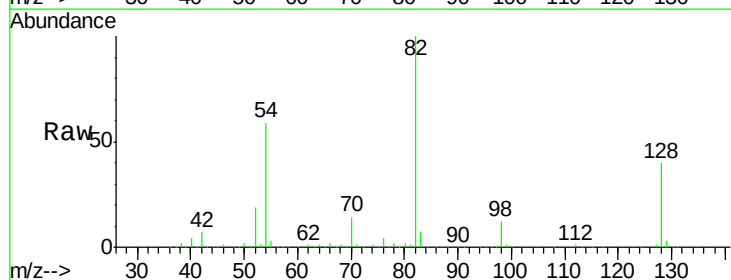
Instrument :
BNA_F
ClientSampleId :

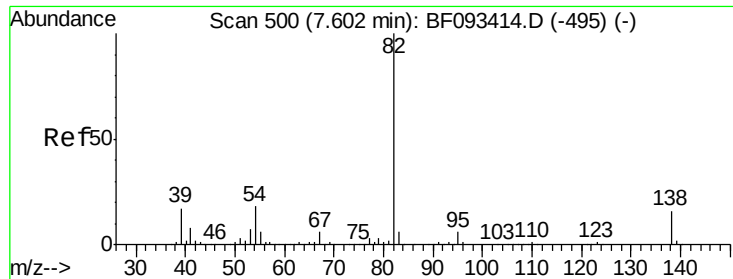
Tot Ion:136	Resp:	702948
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.4 12.6
54	7.2	4.5 6.7#
68	5.7	3.6 5.4#



#23
Nitrobenzene-d5
Concen: 88.71 ng
RT: 7.34 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF093466.D
Acq: 9 Mar 2017 9:55

Tgt Ion: 82	Resp:	1123834
Ion Ratio	Lower	Upper
82	100	
128	40.0	34.6 52.0
54	59.2	39.5 59.3





#25

Isophorone

Concen: 36.94 ng

RT: 7.34 min Scan# 477

Delta R.T. -0.26 min

Lab File: BF093466.D

Acq: 9 Mar 2017 9:55

Instrument :

BNA_F

ClientSampled :

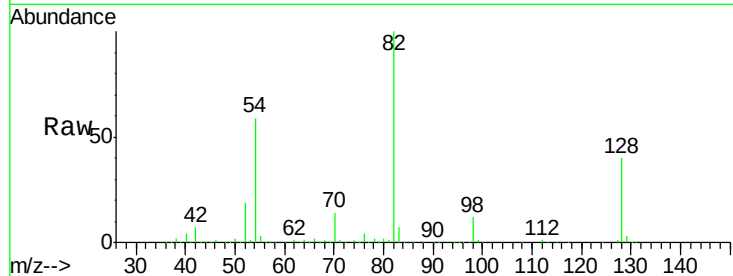
Tot Ion: 82 Resp: 943761

Ion Ratio Lower Upper

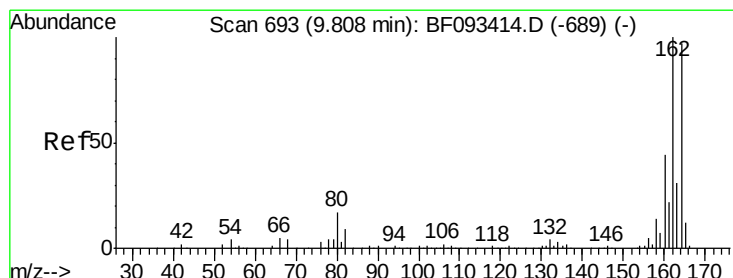
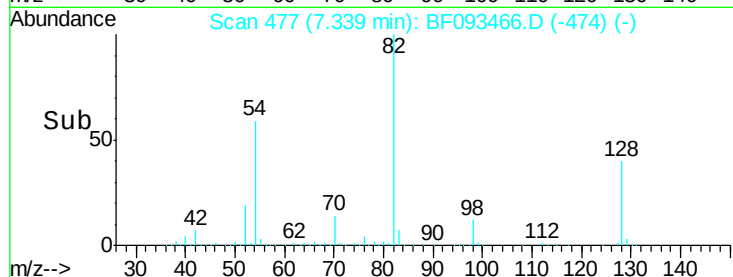
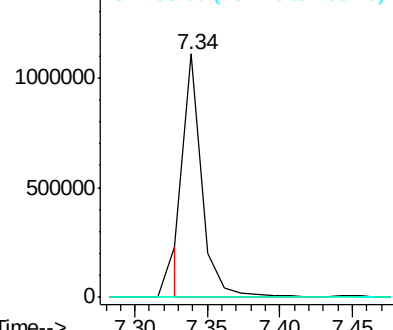
82 100

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: 9.81 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF093466.D

Acq: 9 Mar 2017 9:55

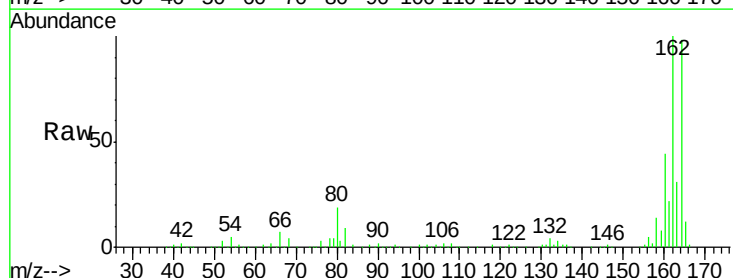
Tgt Ion: 164 Resp: 312986

Ion Ratio Lower Upper

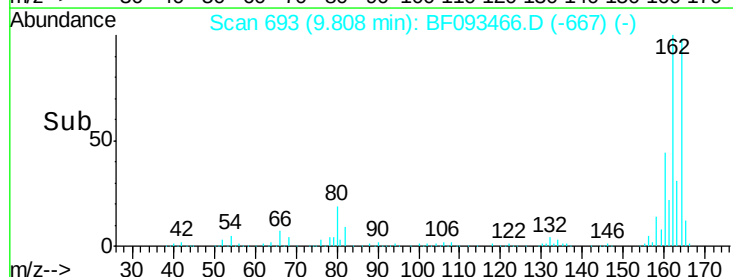
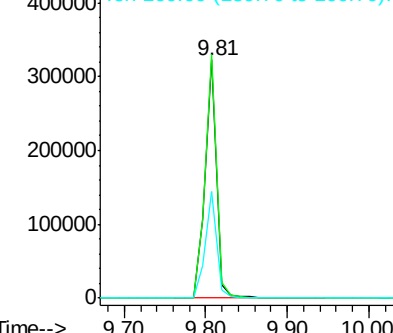
164 100

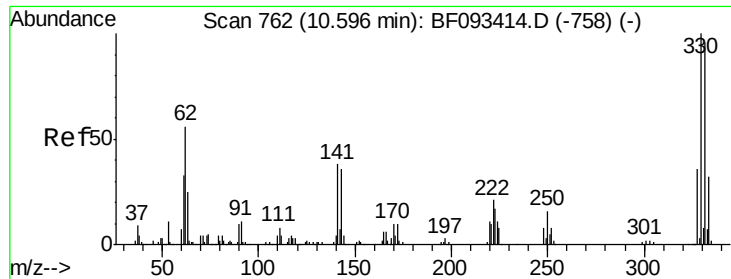
162 102.2 80.2 120.2

160 45.0 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

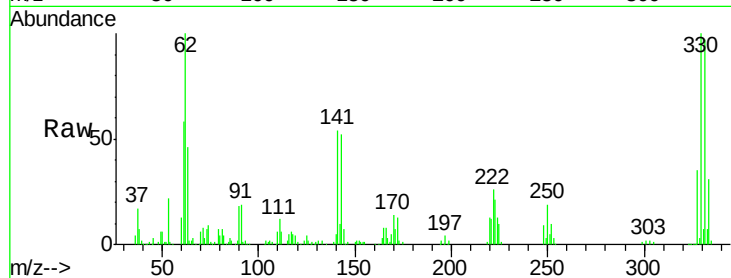




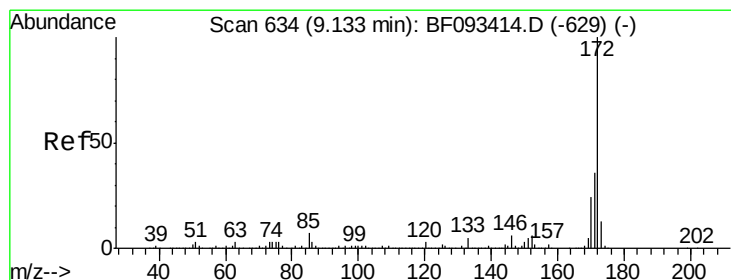
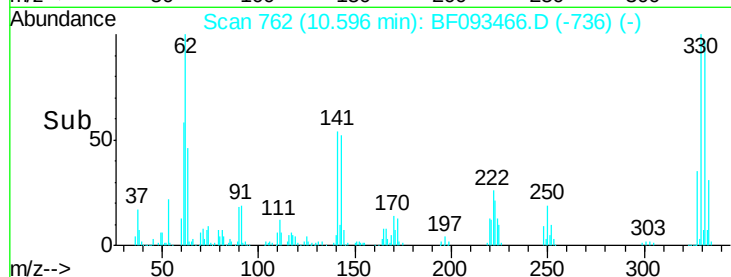
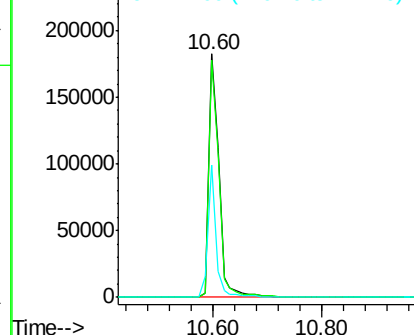
#41
 2,4,6-Tribromophenol
 Concen: 114.42 ng
 RT: 10.60 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF093466.D
 Acq: 9 Mar 2017 9:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.4	116.2
141	44.1	34.1	51.1

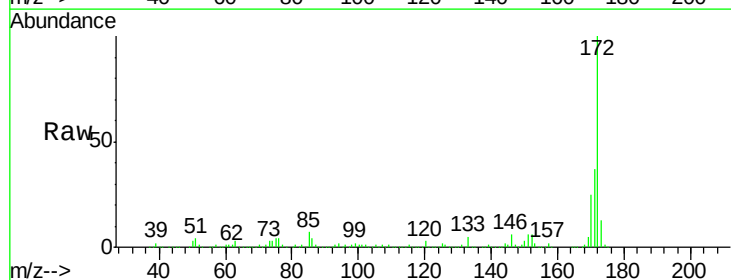


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

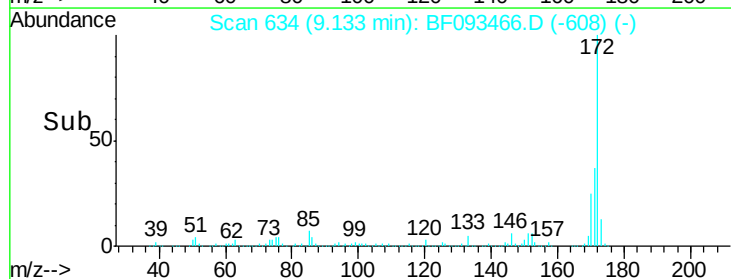
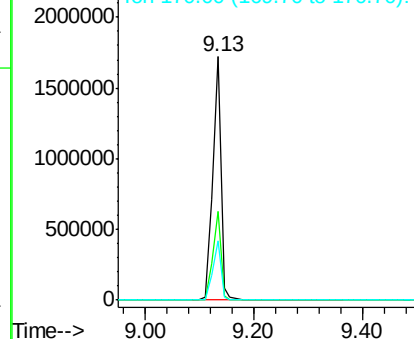


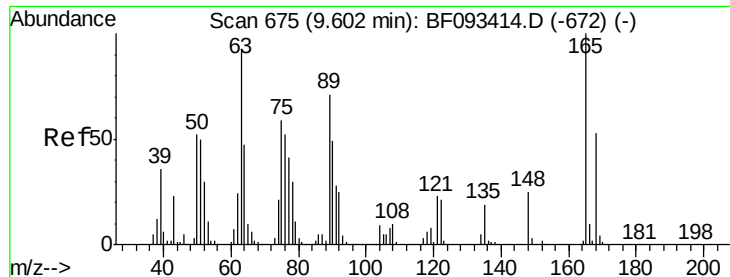
#44
 2-Fluorobiphenyl
 Concen: 106.42 ng
 RT: 9.13 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF093466.D
 Acq: 9 Mar 2017 9:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.0
170	24.6	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: 8.50 ng

RT: 9.81 min Scan# 693

Delta R.T. 0.21 min

Lab File: BF093466.D

Acq: 9 Mar 2017 9:55

Instrument :

BNA_F

ClientSampled :

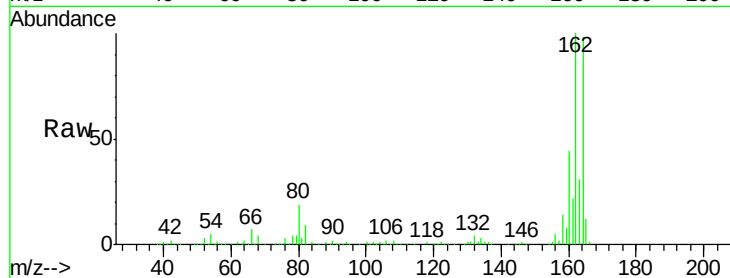
Tot Ion:165 Resp: 38717

Ion Ratio Lower Upper

165 100

63 1.4 36.2 54.4#

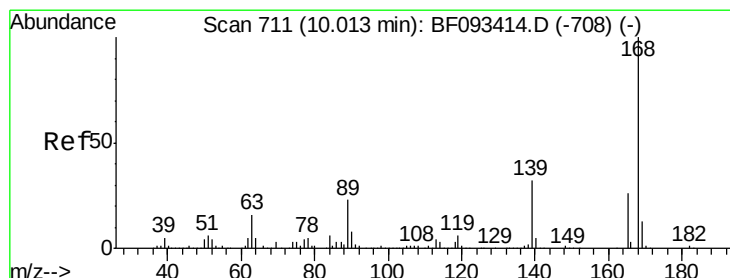
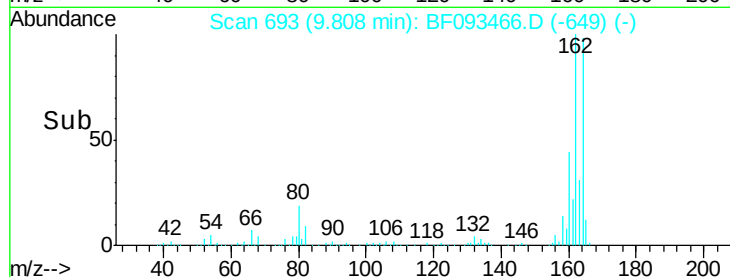
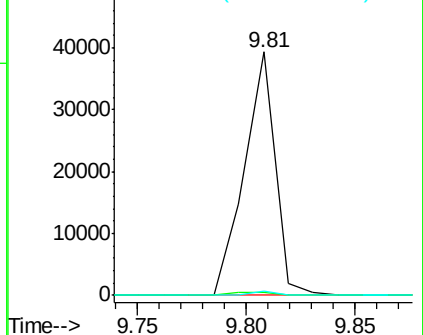
89 1.6 40.2 60.4#



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: 6.92 ng

RT: 9.81 min Scan# 693

Delta R.T. -0.21 min

Lab File: BF093466.D

Acq: 9 Mar 2017 9:55

Tgt Ion:165 Resp: 38720

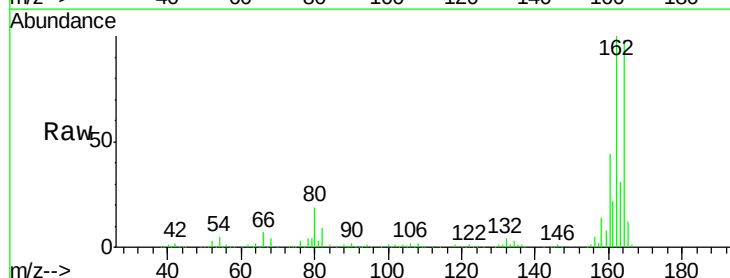
Ion Ratio Lower Upper

165 100

63 1.4 40.2 60.4#

89 1.6 62.5 93.7#

182 0.0 1.8 2.8#

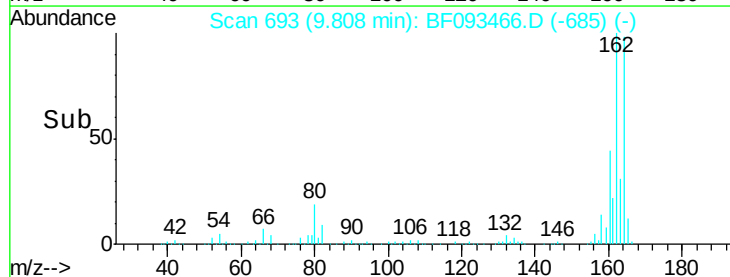
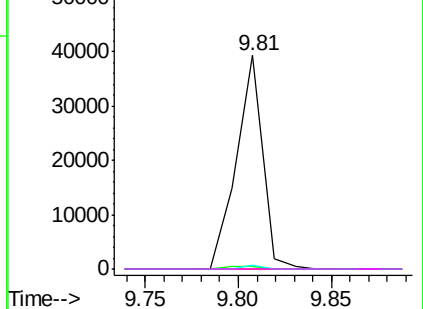


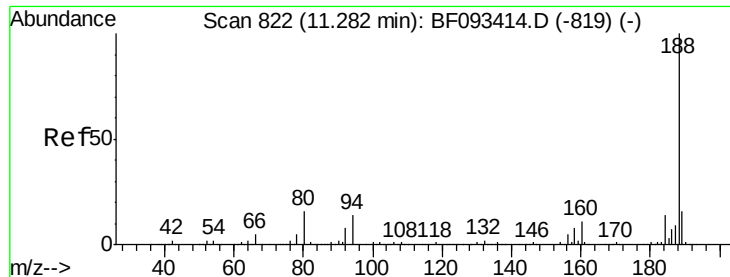
Abundance Ion 165.00 (164.70 to 165.70): E

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

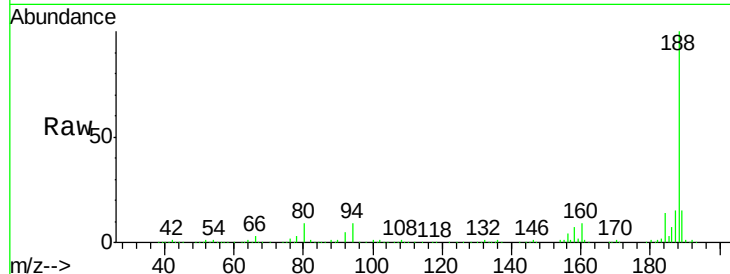




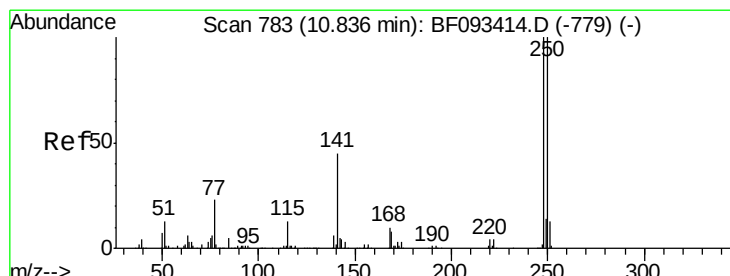
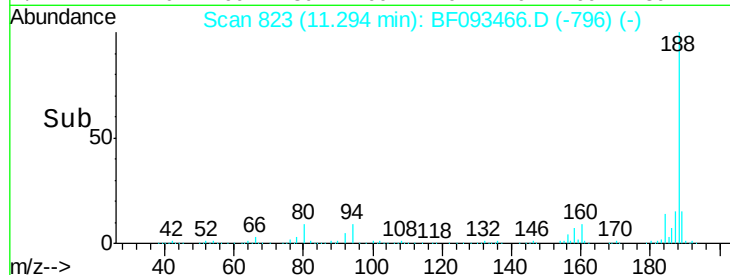
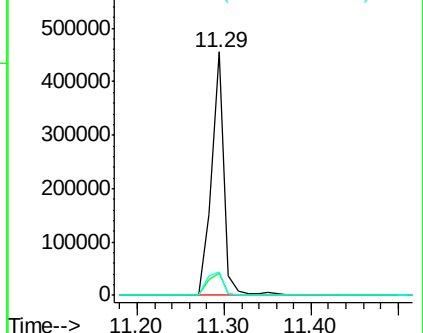
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 823
Delta R.T. 0.01 min
Lab File: BF093466.D
Acq: 9 Mar 2017 9:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 459007
Ion Ratio Lower Upper
188 100
94 9.3 10.0 15.0#
80 9.5 11.2 16.8#

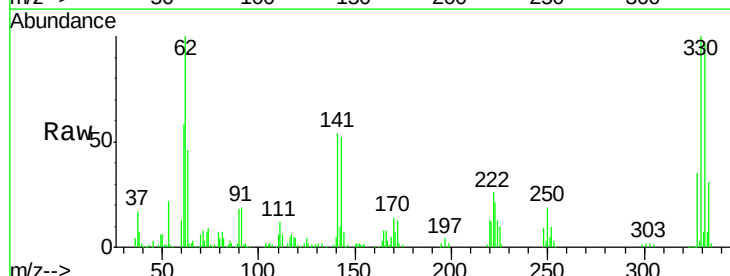


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

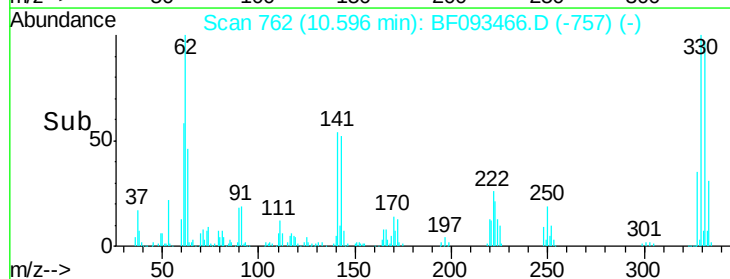
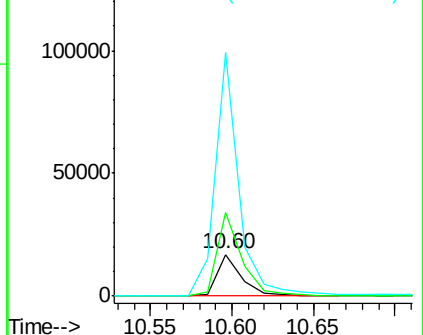


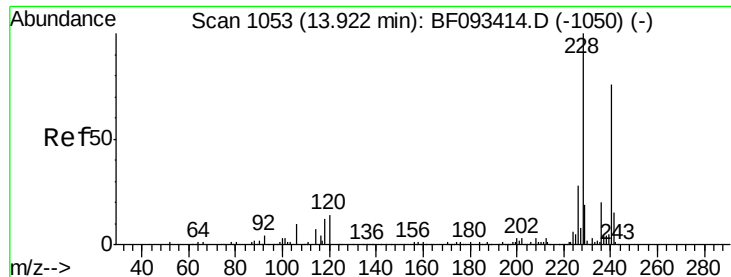
#66
4-Bromophenyl-phenylether
Concen: 3.60 ng
RT: 10.60 min Scan# 762
Delta R.T. -0.24 min
Lab File: BF093466.D
Acq: 9 Mar 2017 9:55

Tgt Ion:248 Resp: 17479
Ion Ratio Lower Upper
248 100
250 201.7 76.9 115.3#
141 585.8 68.2 102.4#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1054

Delta R.T. 0.01 min

Lab File: BF093466.D

Acq: 9 Mar 2017 9:55

Instrument :

BNA_F

ClientSampleId :

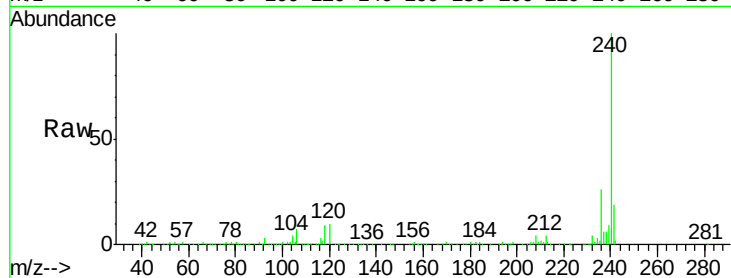
Tot Ion:240 Resp: 385162

Ion Ratio Lower Upper

240 100

120 9.9 12.9 19.3#

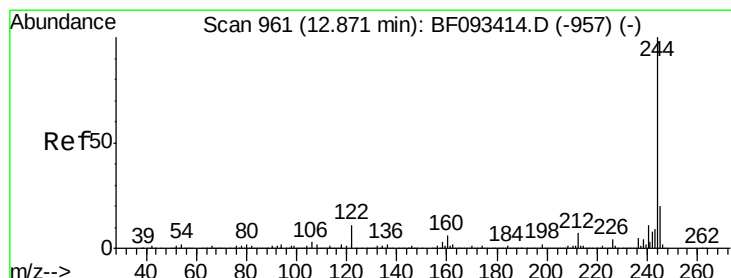
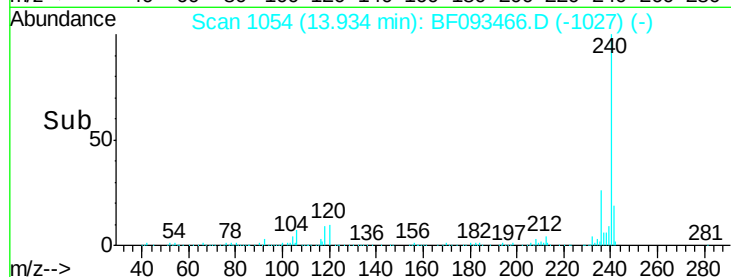
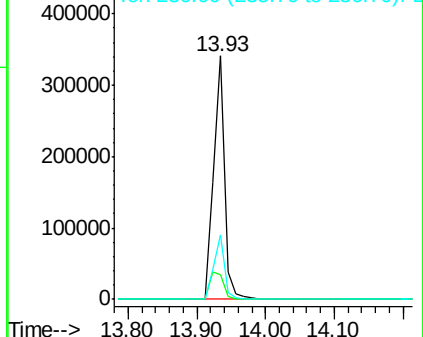
236 26.4 20.9 31.3



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: 72.74 ng

RT: 12.87 min Scan# 961

Delta R.T. 0.00 min

Lab File: BF093466.D

Acq: 9 Mar 2017 9:55

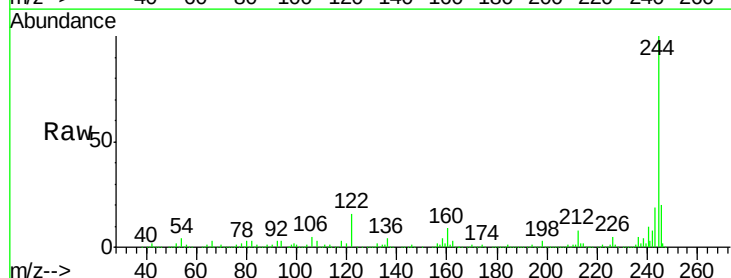
Tgt Ion:244 Resp: 1077626

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

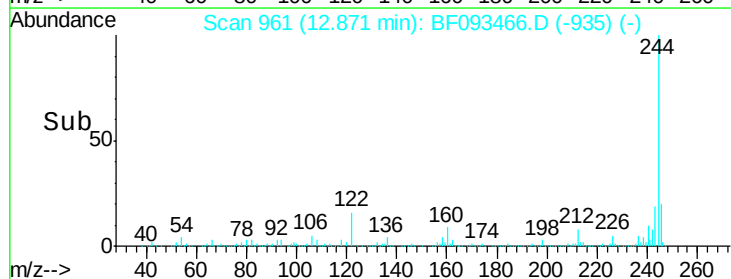
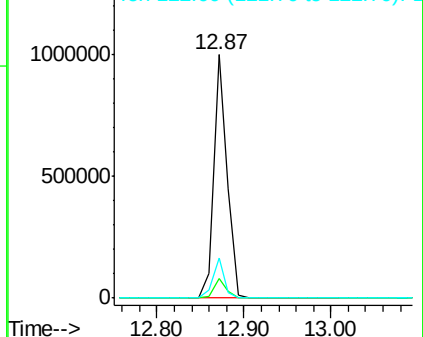
122 16.3 11.4 17.2

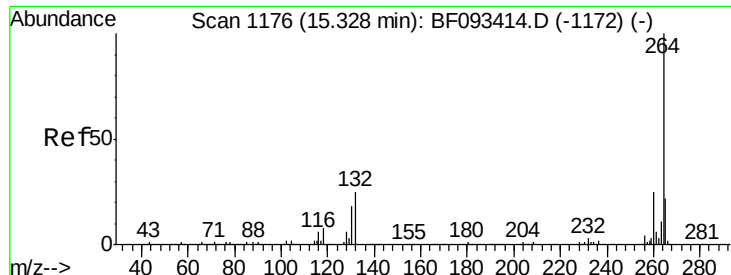


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

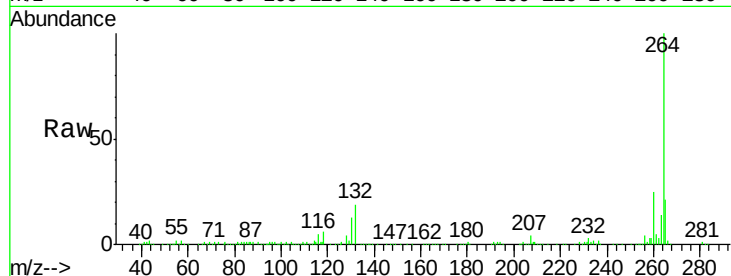




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1178
 Delta R.T. 0.02 min
 Lab File: BF093466.D
 Acq: 9 Mar 2017 9:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.2	28.8
265	21.1	17.4	26.0



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

