

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
 Data File : BF093476.D
 Acq On : 9 Mar 2017 14:27
 Operator : SJ/MA
 Sample : I2185-01
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 14:51:06 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

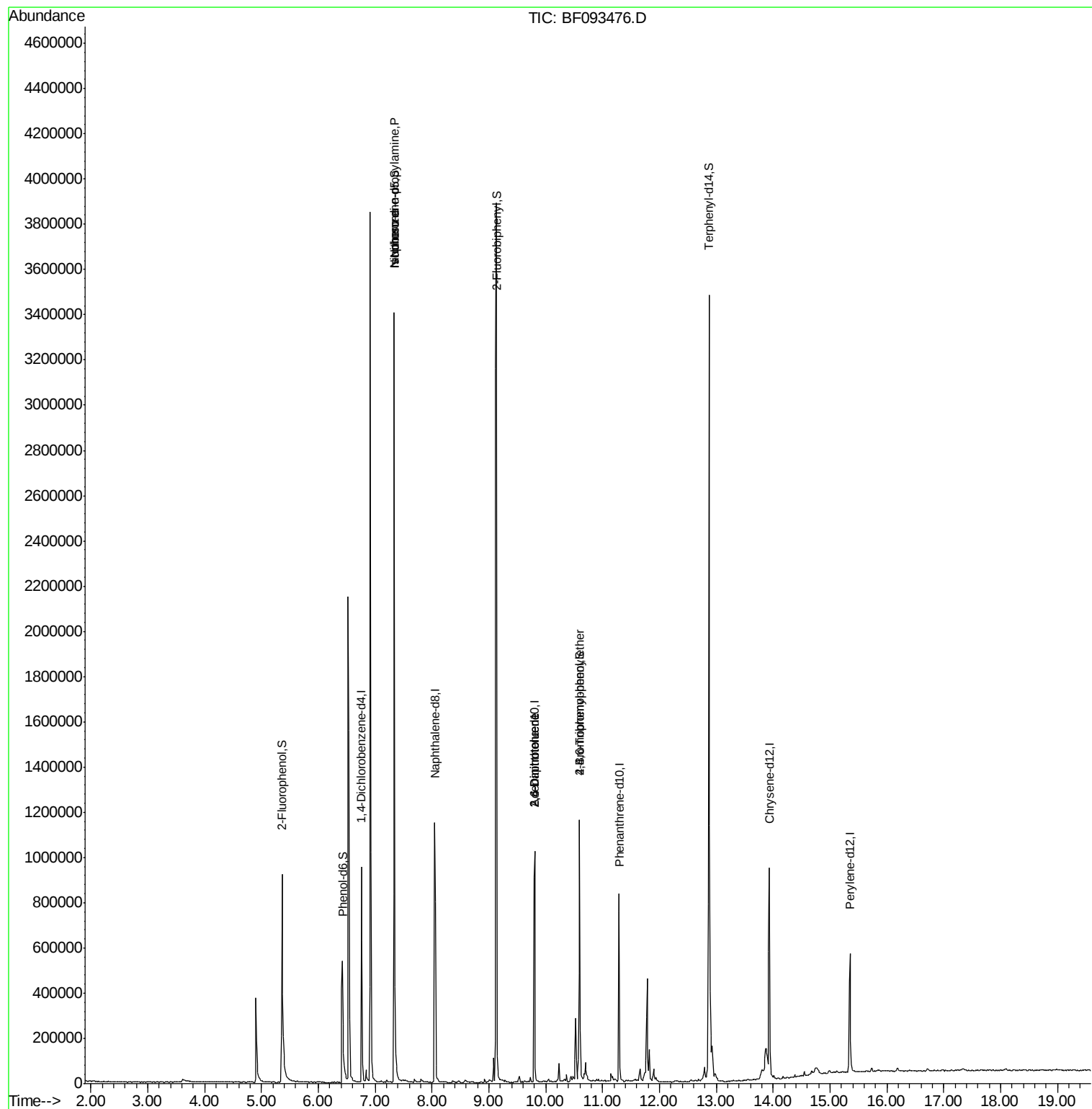
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	183305	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	686051	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	292718	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	444792	20.00	ng	0.01
75) Chrysene-d12	13.93	240	388453	20.00	ng	0.01
86) Perylene-d12	15.35	264	275274	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	395370	35.90	ng	0.01
7) Phenol-d6	6.42	99	338723	24.39	ng	0.01
23) Nitrobenzene-d5	7.34	82	1154326	93.36	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	135663	71.14	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1728618	109.84	ng	0.00
78) Terphenyl-d14	12.87	244	1045238	69.96	ng	0.00
Target Compounds						
9) Benzaldehyde	6.42	77	1039	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.34	70	154279	16.16	ng	83
25) Isophorone	7.34	82	1156817	46.39	ng	65
50) 2,6-Dinitrotoluene	9.81	165	36962	8.68	ng	32
56) 2,4-Dinitrotoluene	9.81	165	36962	7.07	ng	21
66) 4-Bromophenyl-phenylether	10.60	248	10507	2.23	ng	1

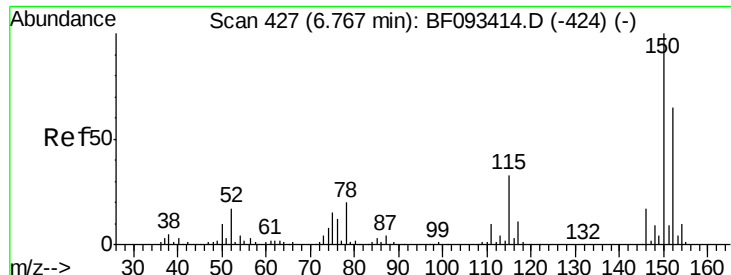
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 426

Delta R.T. -0.01 min

Lab File: BF093476.D

Acq: 9 Mar 2017 14:27

Instrument :

BNA_F

ClientSampleId :

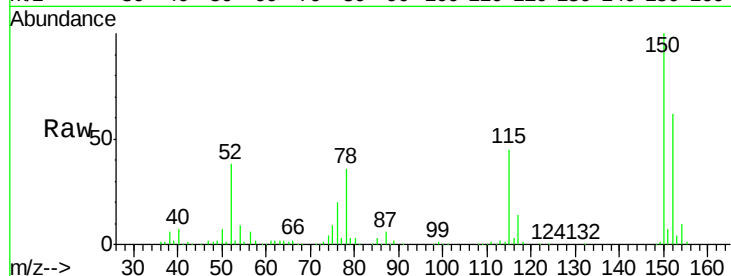
Tot Ion:152 Resp: 183305

Ion Ratio Lower Upper

152 100

150 161.5 124.9 187.3

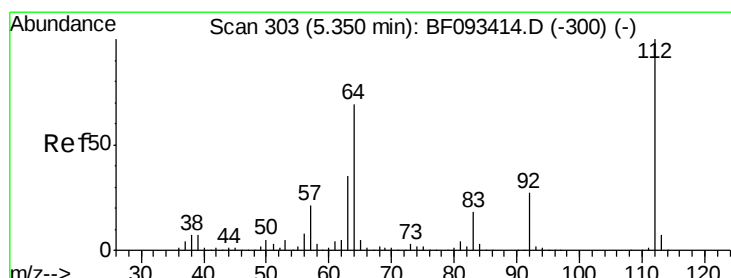
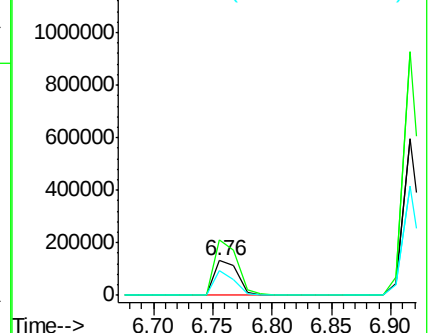
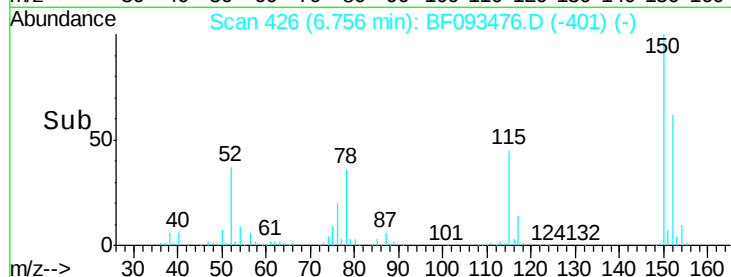
115 73.3 46.0 69.0#



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: 35.90 ng

RT: 5.36 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF093476.D

Acq: 9 Mar 2017 14:27

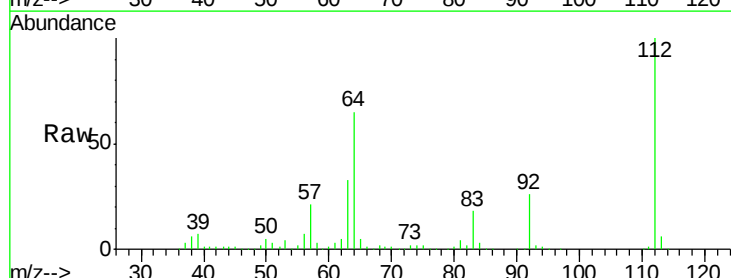
Tgt Ion:112 Resp: 395370

Ion Ratio Lower Upper

112 100

64 64.5 46.1 69.1

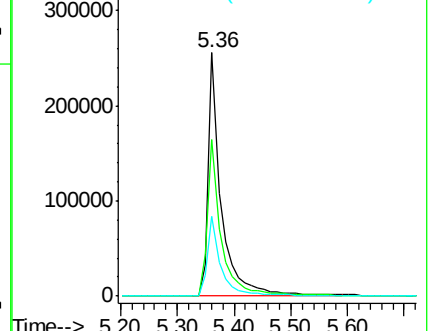
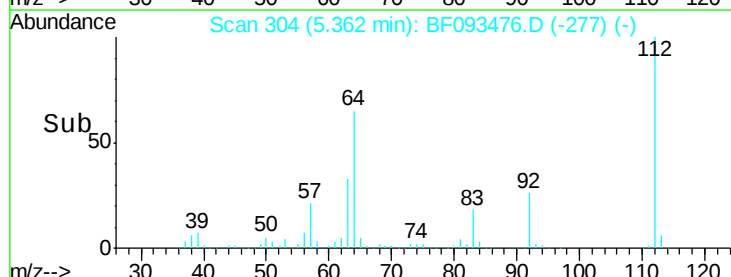
63 32.8 23.8 35.6

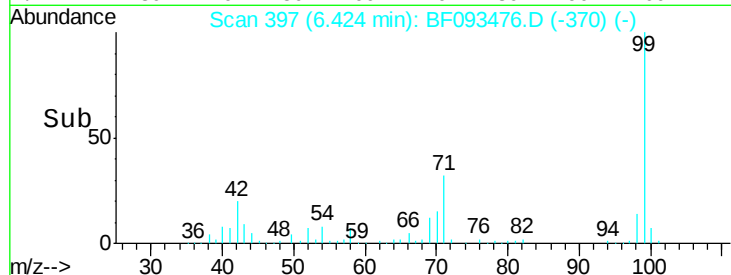
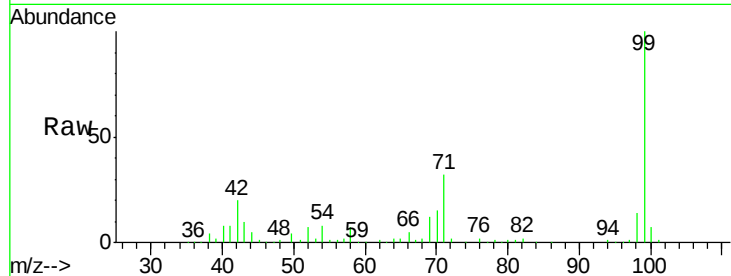
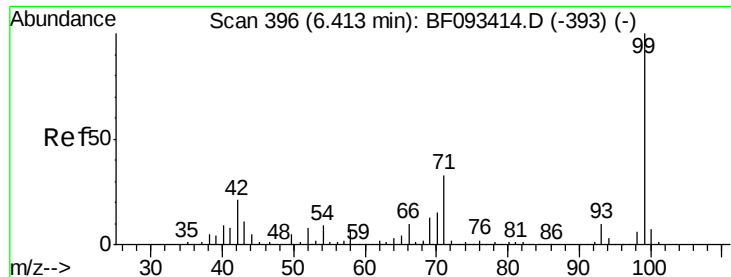


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 24.39 ng

RT: 6.42 min Scan# 397

Delta R.T. 0.01 min

Lab File: BF093476.D

Acq: 9 Mar 2017 14:27

Instrument :

BNA_F

ClientSampled :

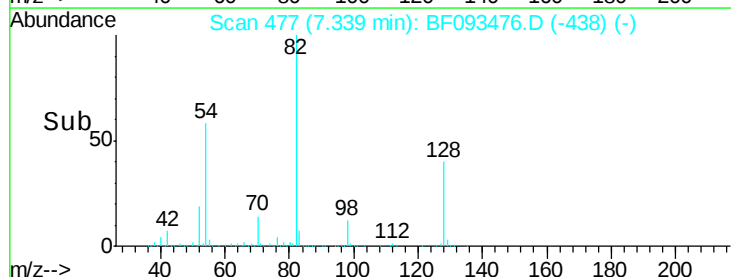
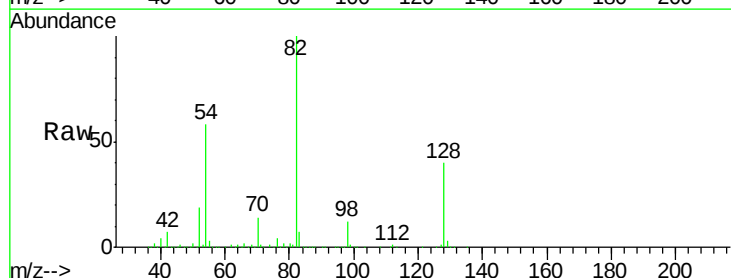
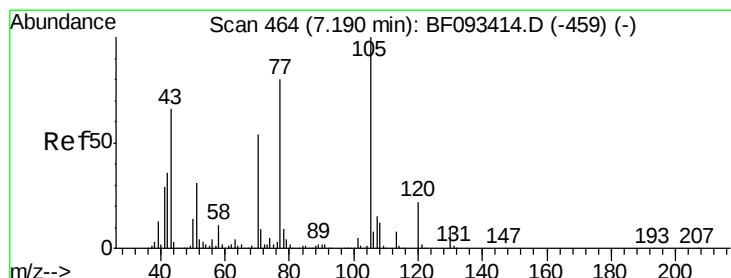
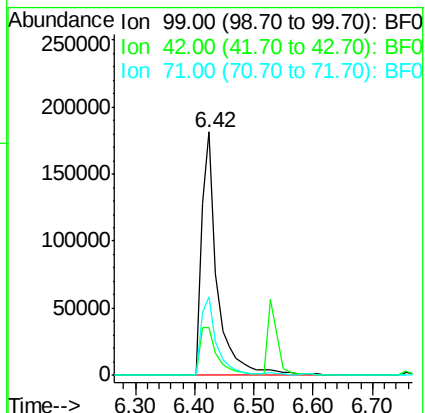
Tot Ion: 99 Resp: 338723

Ion Ratio Lower Upper

99 100

42 19.8 15.6 23.4

71 32.3 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 16.16 ng

RT: 7.34 min Scan# 477

Delta R.T. 0.15 min

Lab File: BF093476.D

Acq: 9 Mar 2017 14:27

Tgt Ion: 70 Resp: 154279

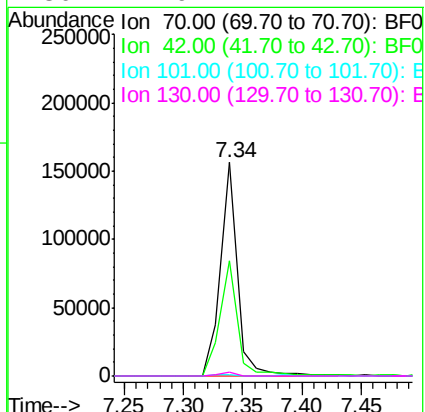
Ion Ratio Lower Upper

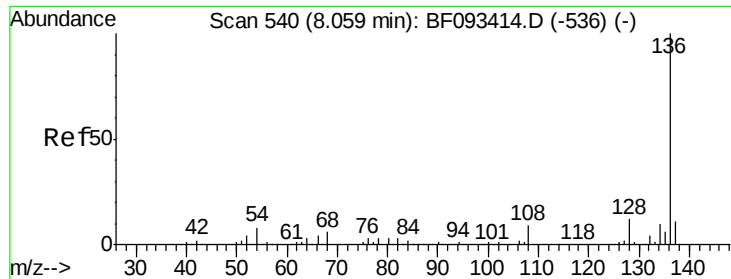
70 100

42 54.1 49.4 74.0

101 0.6 7.4 11.2#

130 1.9 14.2 21.4#

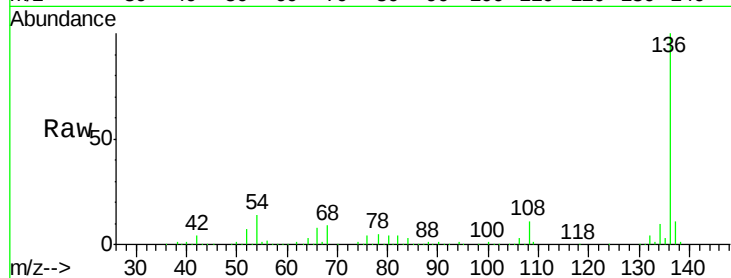




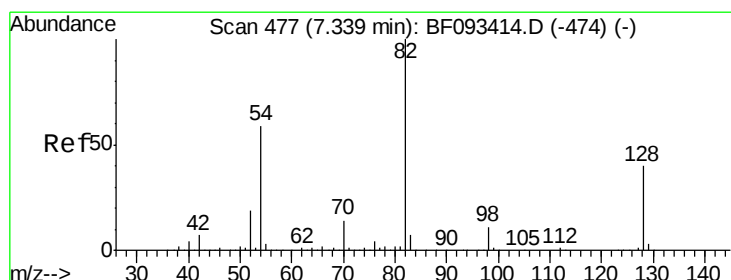
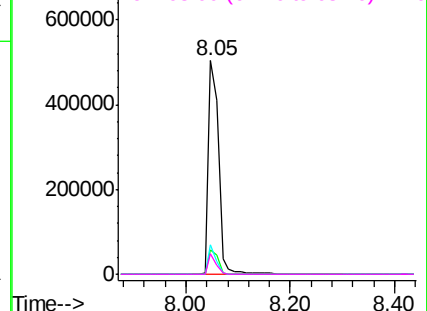
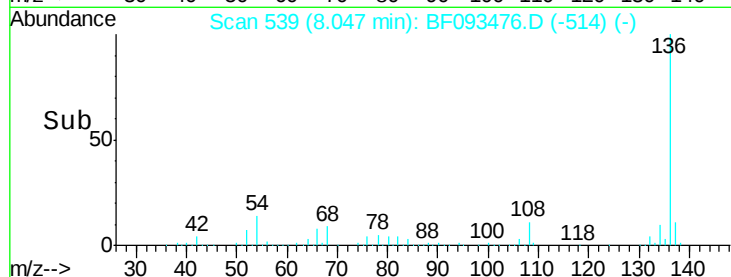
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF093476.D
Acq: 9 Mar 2017 14:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	686051
Ion Ratio	Lower	Upper
136	100	
137	11.5	8.4 12.6
54	13.7	4.5 6.7#
68	9.5	3.6 5.4#

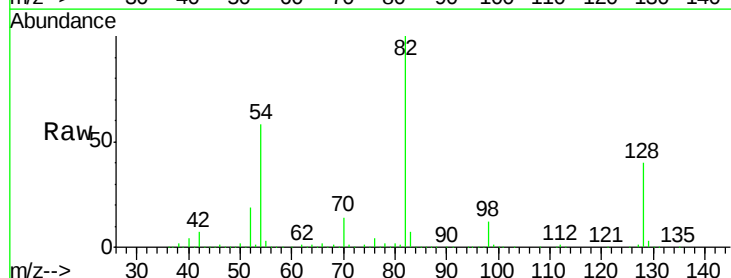


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

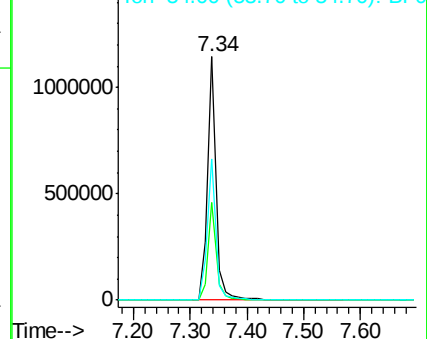
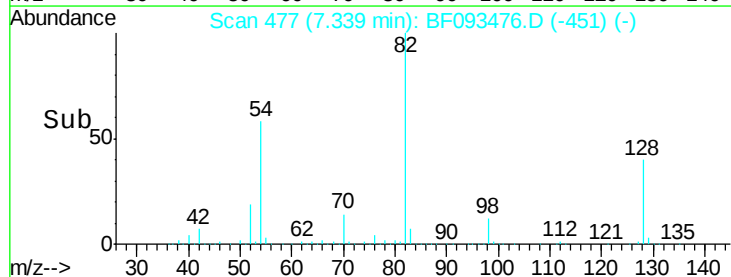


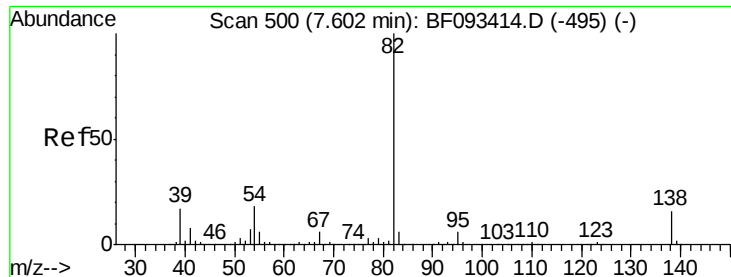
#23
Nitrobenzene-d5
Concen: 93.36 ng
RT: 7.34 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF093476.D
Acq: 9 Mar 2017 14:27

Tgt Ion: 82	Resp:	1154326
Ion Ratio	Lower	Upper
82	100	
128	40.3	34.6 52.0
54	58.3	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: 46.39 ng

RT: 7.34 min Scan# 477

Delta R.T. -0.26 min

Lab File: BF093476.D

Acq: 9 Mar 2017 14:27

Instrument :

BNA_F

ClientSampleId :

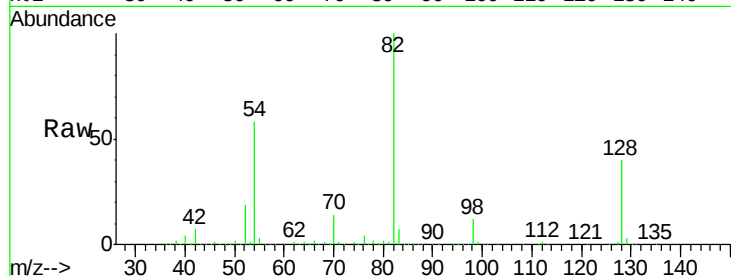
Tot Ion: 82 Resp: 1156817

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

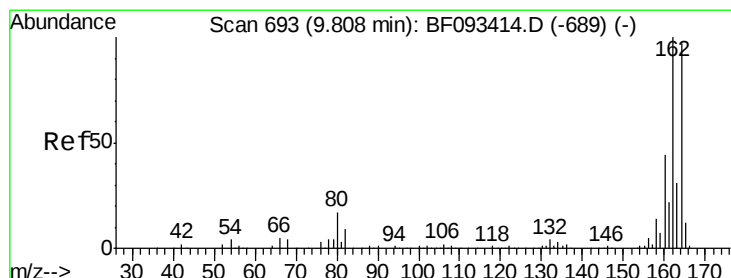
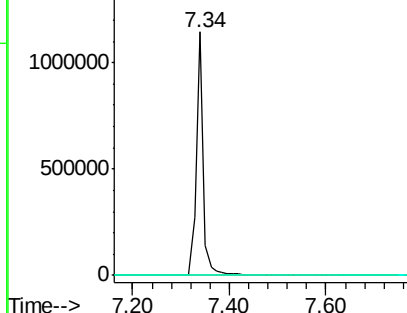
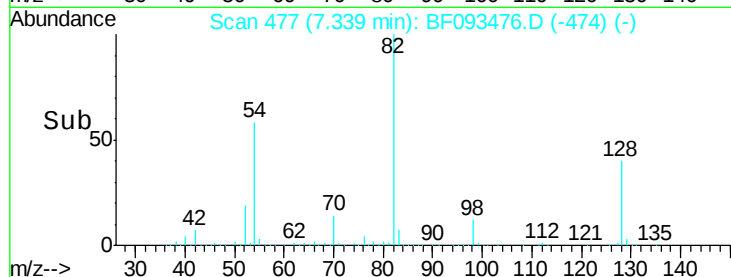
138 0.0 14.6 22.0#



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: BF093476.D

Acq: 9 Mar 2017 14:27

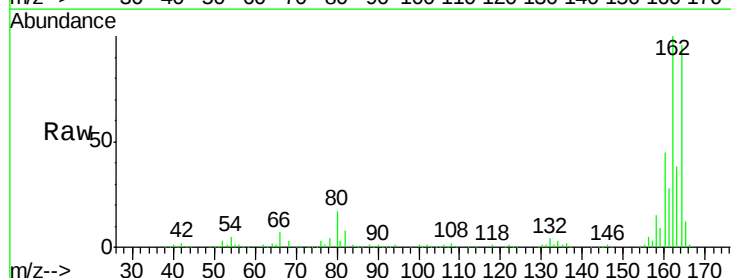
Tgt Ion:164 Resp: 292718

Ion Ratio Lower Upper

164 100

162 104.2 80.2 120.2

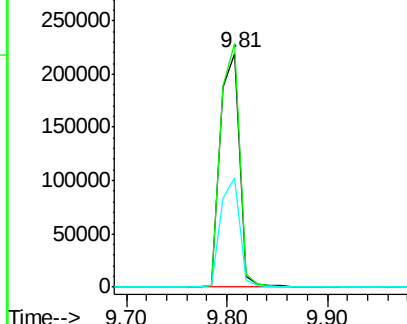
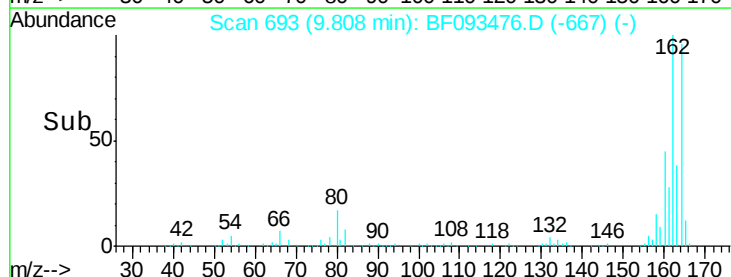
160 46.8 36.9 55.3

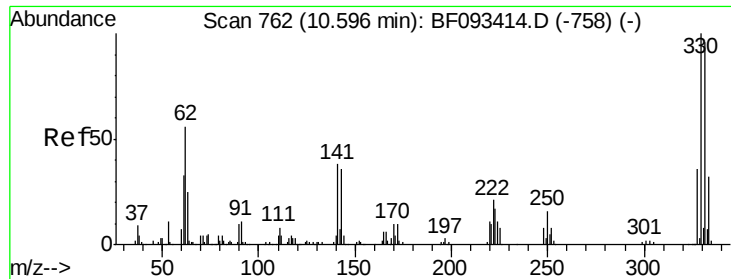


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

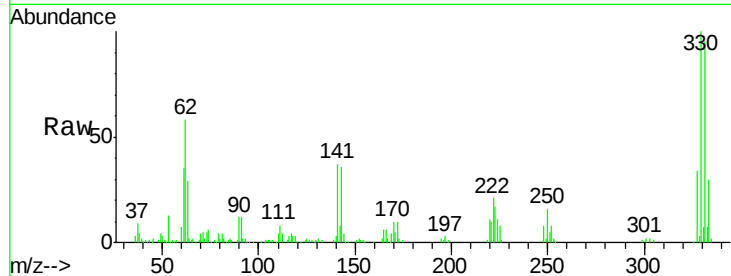




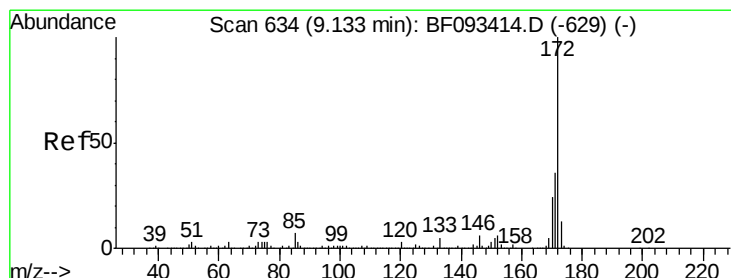
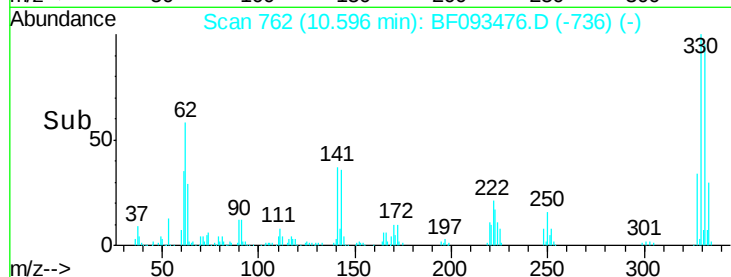
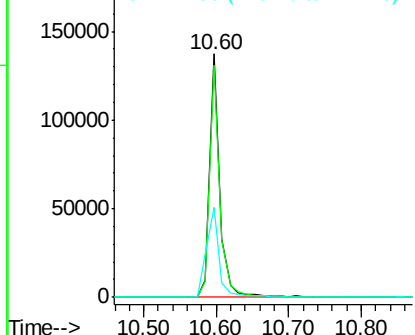
#41
 2,4,6-Tribromophenol
 Concen: 71.14 ng
 RT: 10.60 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF093476.D
 Acq: 9 Mar 2017 14:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 135663
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.4 116.2
 141 46.7 34.1 51.1

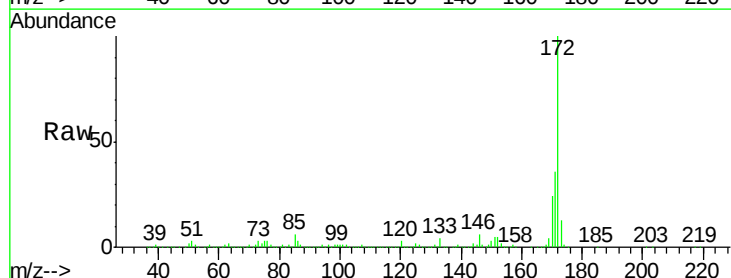


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

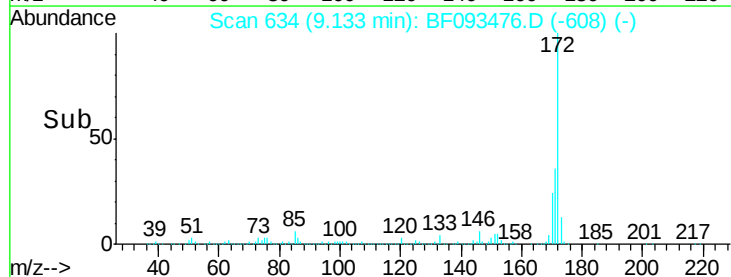
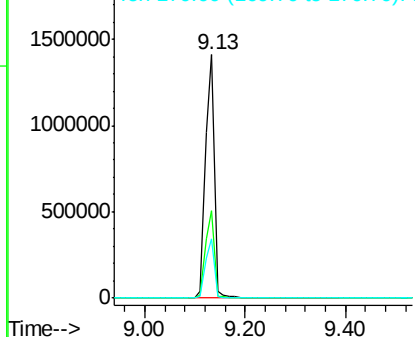


#44
 2-Fluorobiphenyl
 Concen: 109.84 ng
 RT: 9.13 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF093476.D
 Acq: 9 Mar 2017 14:27

Tgt Ion:172 Resp: 1728618
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.3 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

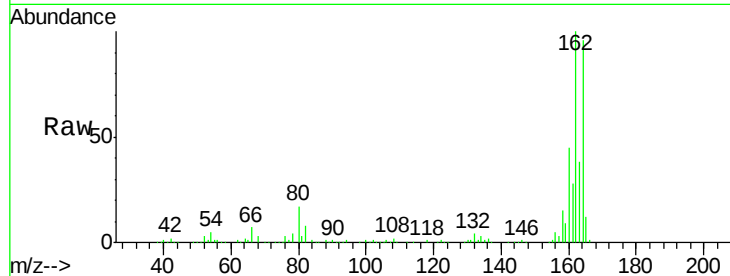




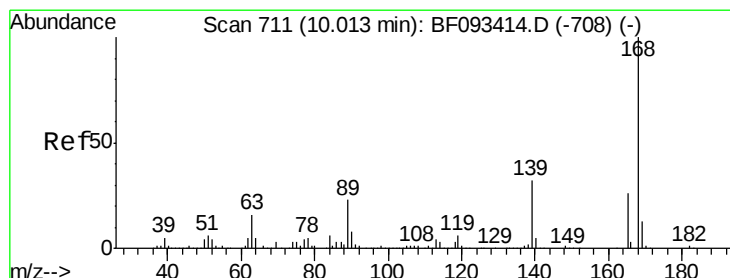
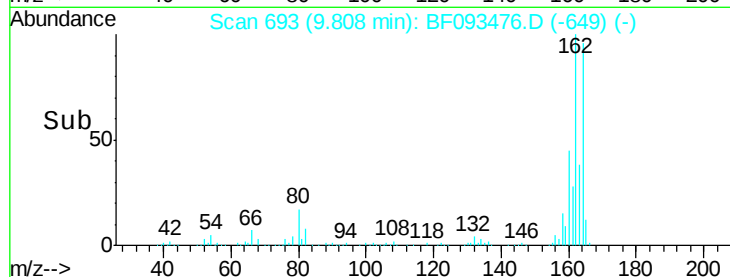
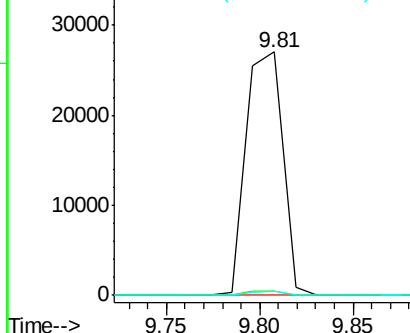
#50
 2,6-Dinitrotoluene
 Concen: 8.68 ng
 RT: 9.81 min Scan# 693
 Delta R.T. 0.21 min
 Lab File: BF093476.D
 Acq: 9 Mar 2017 14:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 36962
 Ion Ratio Lower Upper
 165 100
 63 2.0 36.2 54.4#
 89 1.9 40.2 60.4#

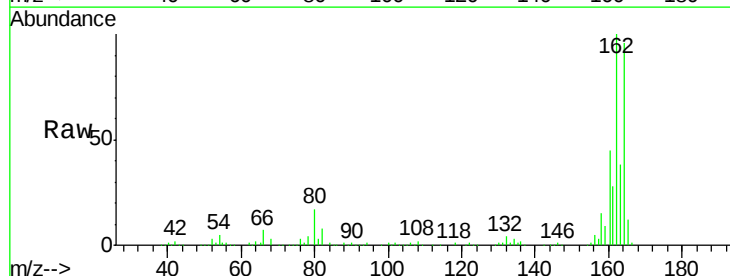


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

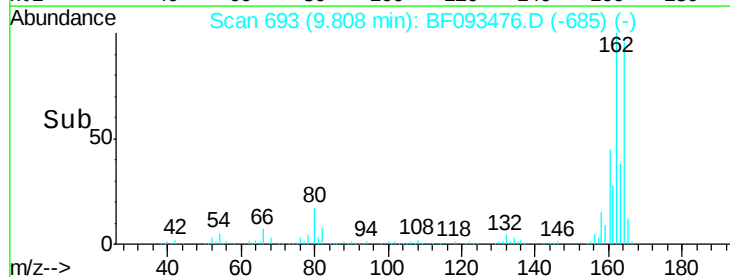
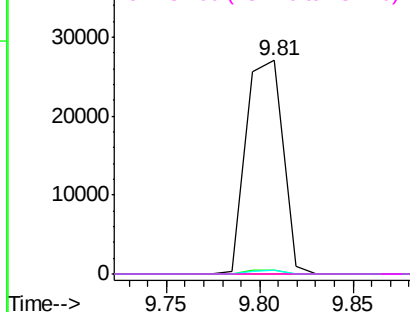


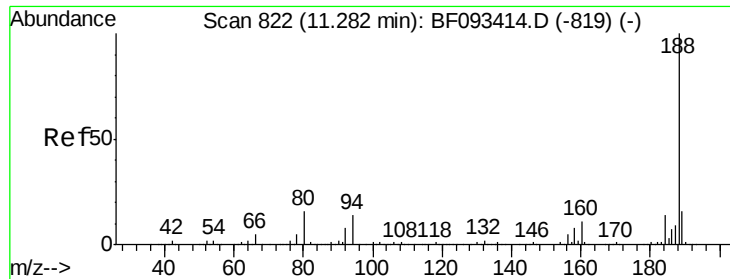
#56
 2,4-Dinitrotoluene
 Concen: 7.07 ng
 RT: 9.81 min Scan# 693
 Delta R.T. -0.21 min
 Lab File: BF093476.D
 Acq: 9 Mar 2017 14:27

Tgt Ion:165 Resp: 36962
 Ion Ratio Lower Upper
 165 100
 63 2.0 40.2 60.4#
 89 1.9 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

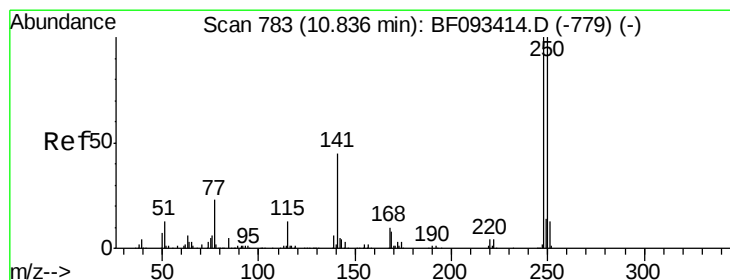
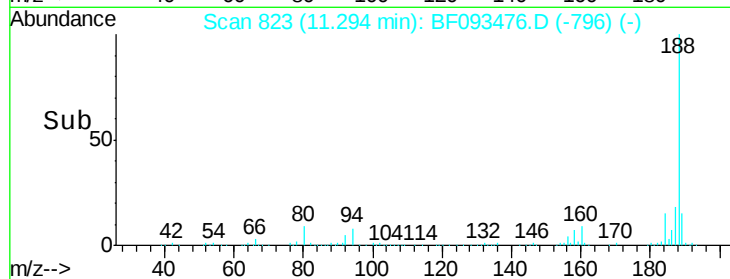
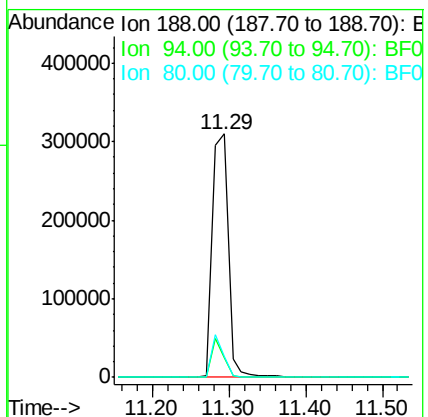
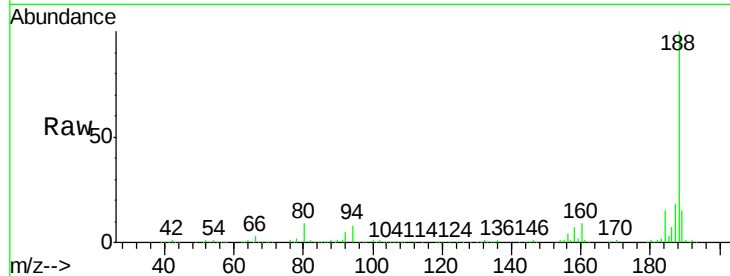




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 823
Delta R.T. 0.01 min
Lab File: BF093476.D
Acq: 9 Mar 2017 14:27

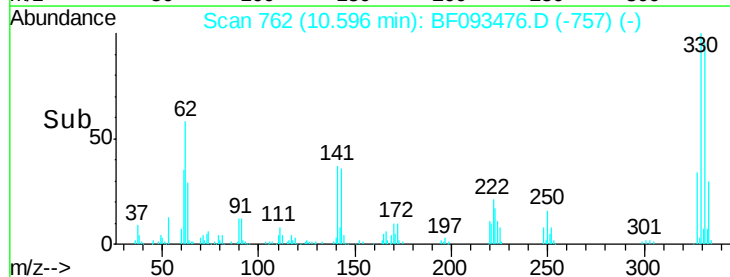
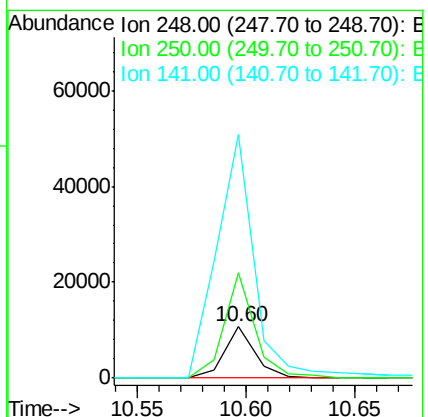
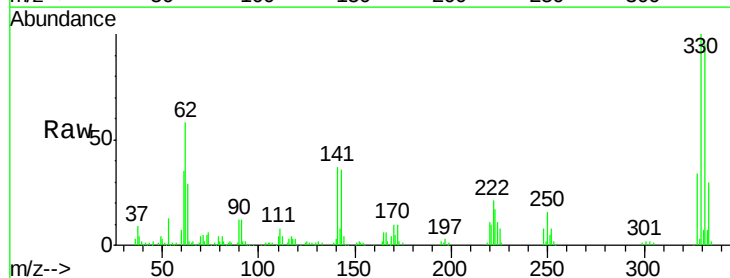
Instrument :
BNA_F
ClientSampleId :

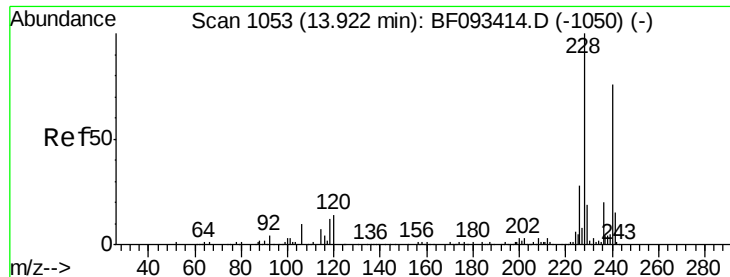
Tot Ion:188 Resp: 444792
Ion Ratio Lower Upper
188 100
94 8.3 10.0 15.0#
80 8.6 11.2 16.8#



#66
4-Bromophenyl-phenylether
Concen: 2.23 ng
RT: 10.60 min Scan# 762
Delta R.T. -0.24 min
Lab File: BF093476.D
Acq: 9 Mar 2017 14:27

Tgt Ion:248 Resp: 10507
Ion Ratio Lower Upper
248 100
250 205.7 76.9 115.3#
141 476.1 68.2 102.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1054

Delta R.T. 0.01 min

Lab File: BF093476.D

Acq: 9 Mar 2017 14:27

Instrument :

BNA_F

ClientSampleId :

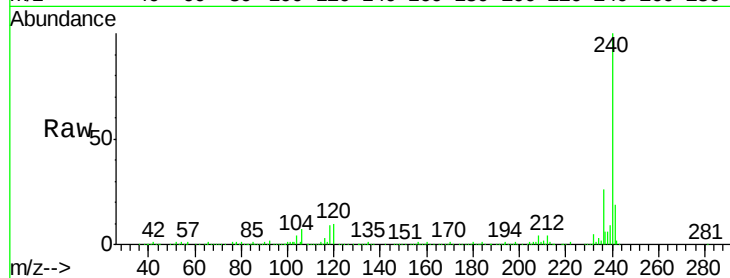
Tot Ion:240 Resp: 388453

Ion Ratio Lower Upper

240 100

120 10.4 12.9 19.3#

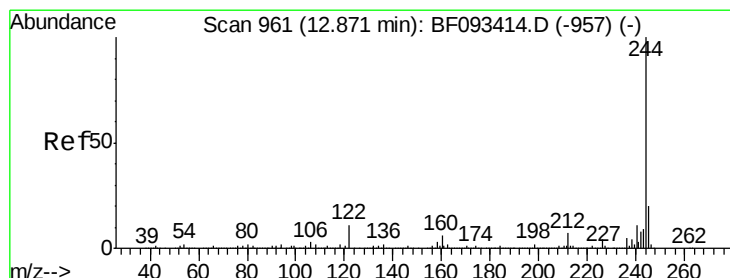
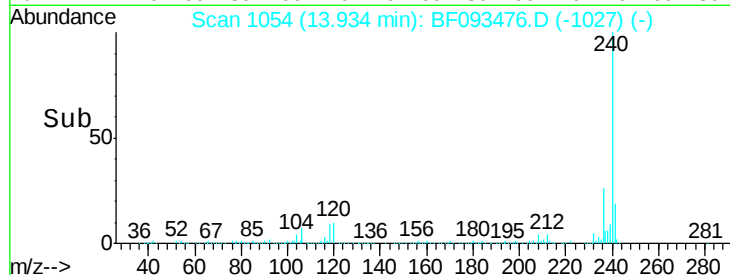
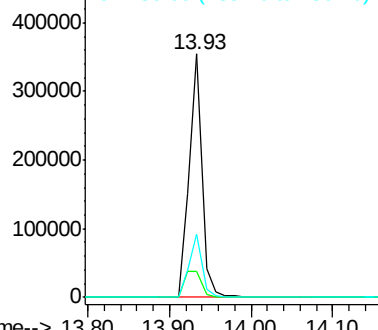
236 26.0 20.9 31.3



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: 69.96 ng

RT: 12.87 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF093476.D

Acq: 9 Mar 2017 14:27

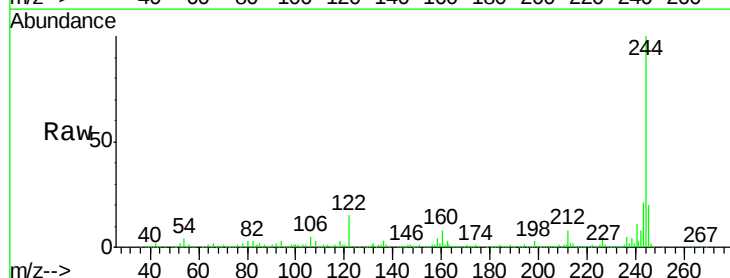
Tgt Ion:244 Resp: 1045238

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

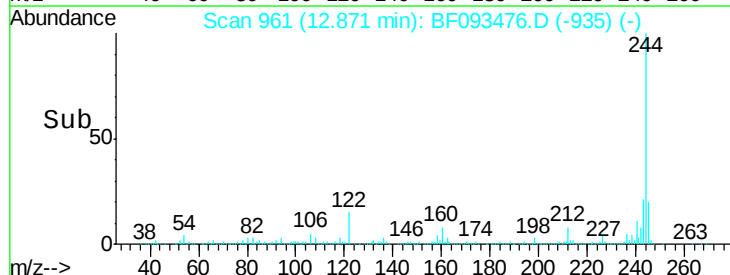
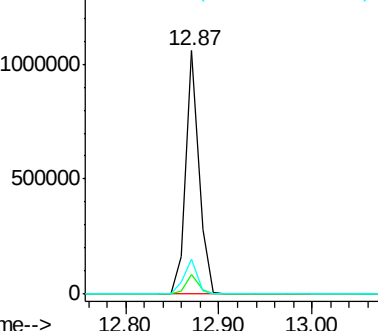
122 14.6 11.4 17.2

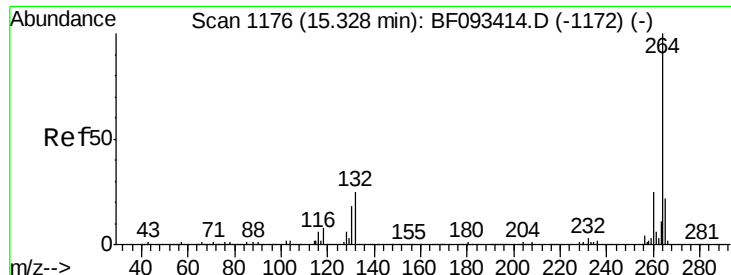


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



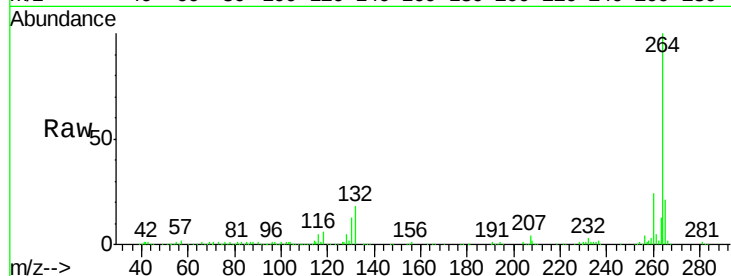


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1178
Delta R.T. 0.02 min
Lab File: BF093476.D
Acq: 9 Mar 2017 14:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 264 Resp: 275274

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	20.5	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

