

Data Path : Z:\HPCHEM1\BNA F\Data\BF031017\
 Data File : BF093562.D
 Acq On : 11 Mar 2017 9:56
 Operator : SJ/MA
 Sample : I2208-02
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 14:24:07 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

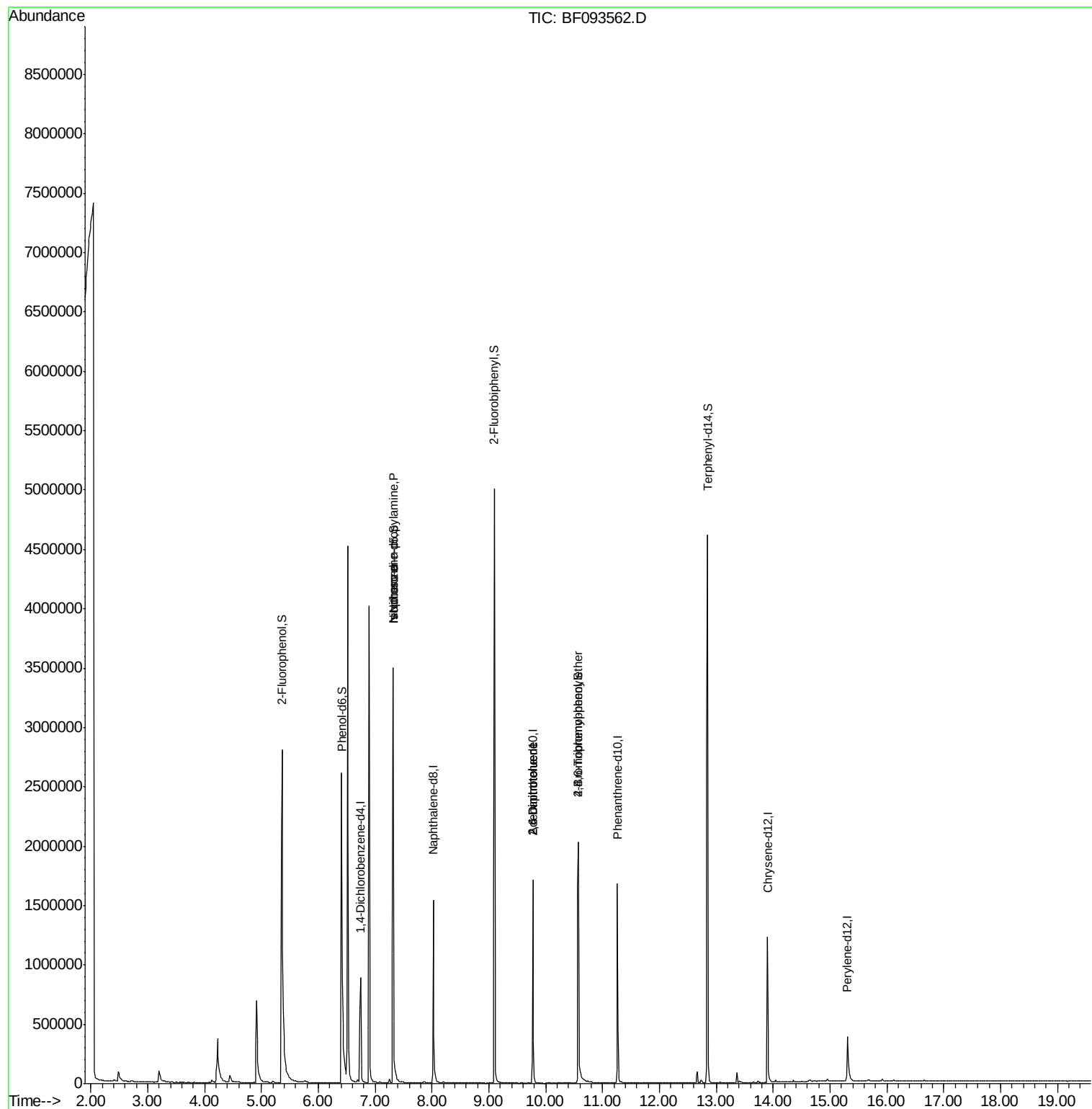
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	181871	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	738992	20.00	ng	-0.03
38) Acenaphthene-d10	9.77	164	333659	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	642882	20.00	ng	-0.02
75) Chrysene-d12	13.90	240	471174	20.00	ng	-0.02
86) Perylene-d12	15.31	264	201344	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1475916	135.06	ng	0.01
7) Phenol-d6	6.41	99	1799299	130.57	ng	0.00
23) Nitrobenzene-d5	7.32	82	1318601	99.00	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	346803	159.53	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	1723485	96.08	ng	-0.03
78) Terphenyl-d14	12.85	244	1677797	92.58	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.40	77	2241	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.32	70	177170	18.70	ng	# 79
25) Isophorone	7.32	82	1321387	49.20	ng	# 65
50) 2,6-Dinitrotoluene	9.77	165	41446	8.54	ng	# 32
56) 2,4-Dinitrotoluene	9.77	165	41448	6.95	ng	# 20
66) 4-Bromophenyl-phenylether	10.57	248	26717	3.93	ng	# 1

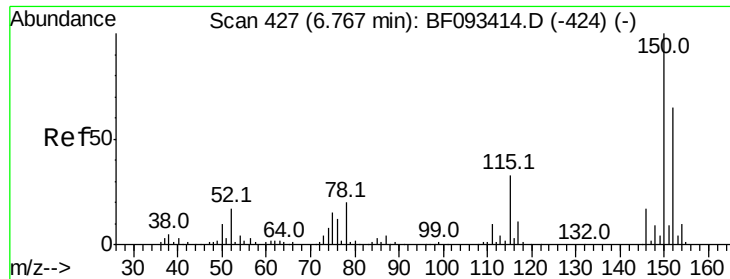
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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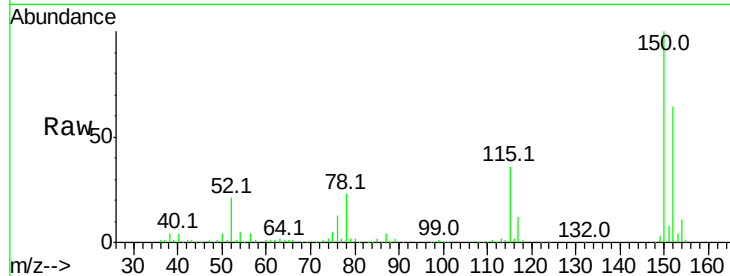


#1

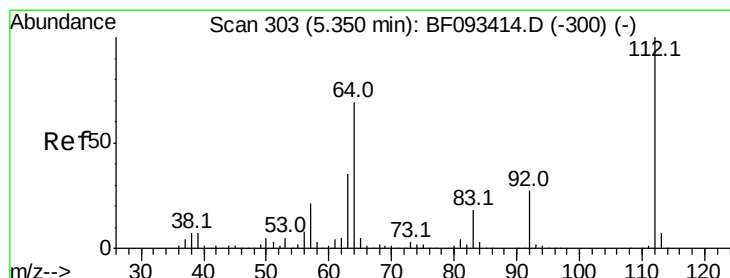
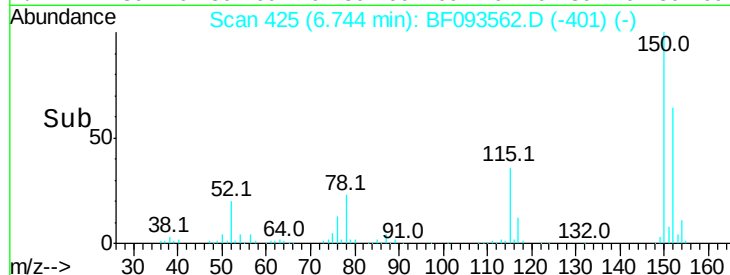
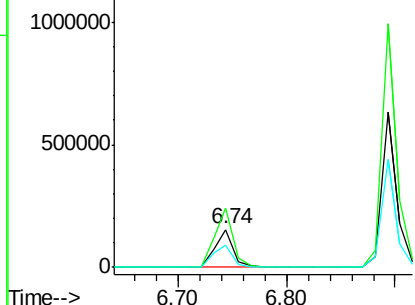
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF093562.D
Acq: 11 Mar 2017 9:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 181871
Ion Ratio Lower Upper
152 100
150 156.3 124.9 187.3
115 57.1 46.0 69.0



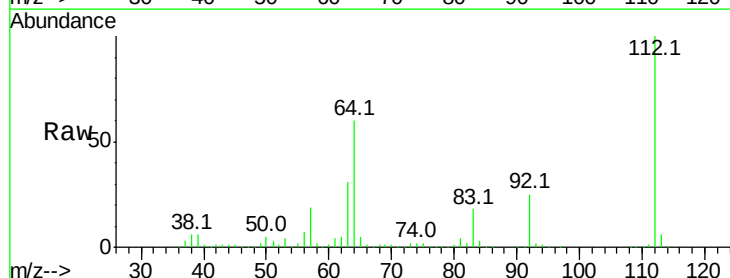
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



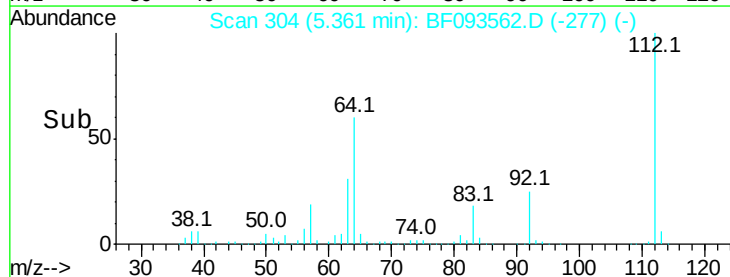
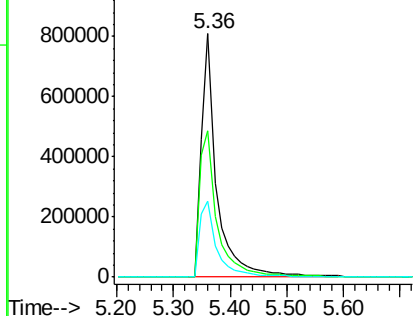
#5

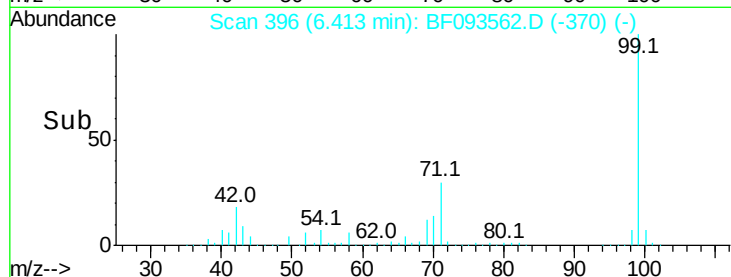
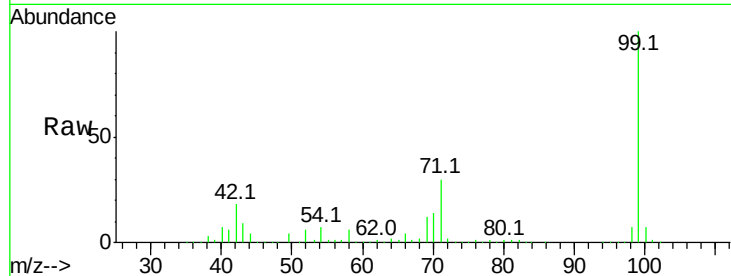
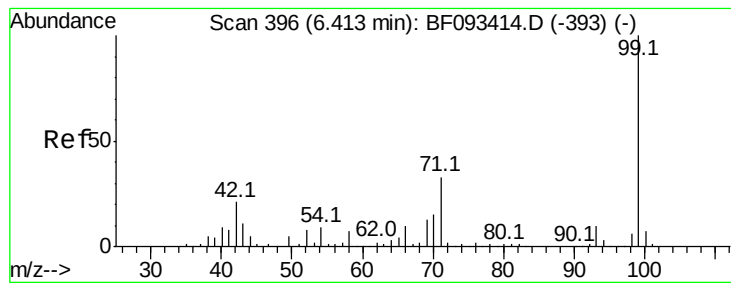
2-Fluorophenol
Concen: 135.06 ng
RT: 5.36 min Scan# 304
Delta R.T. 0.01 min
Lab File: BF093562.D
Acq: 11 Mar 2017 9:56

Tgt Ion:112 Resp: 1475916
Ion Ratio Lower Upper
112 100
64 60.2 46.1 69.1
63 31.0 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: 130.57 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF093562.D

Acq: 11 Mar 2017 9:56

Instrument :

BNA_F

ClientSampleId :

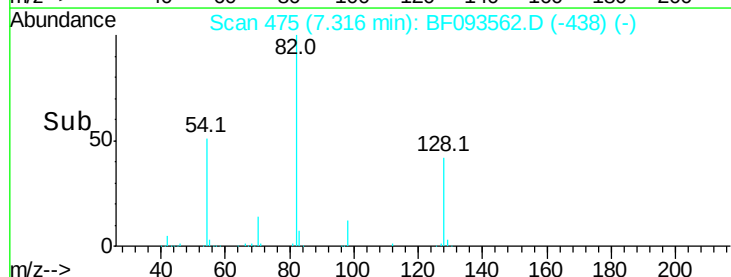
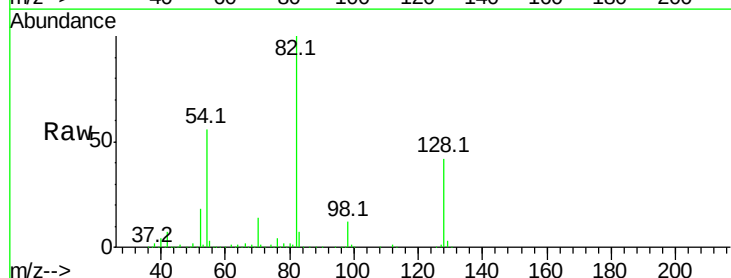
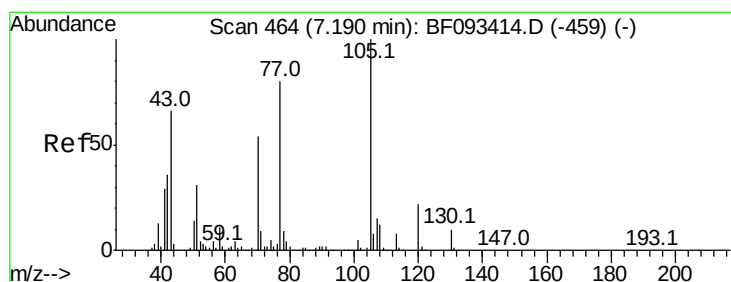
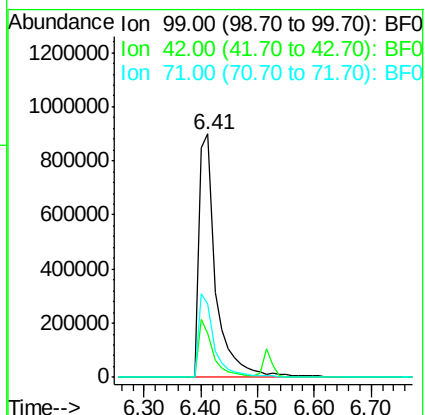
Tot Ion: 99 Resp: 1799299

Ion Ratio Lower Upper

99 100

42 17.9 15.6 23.4

71 30.2 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 18.70 ng

RT: 7.32 min Scan# 475

Delta R.T. 0.13 min

Lab File: BF093562.D

Acq: 11 Mar 2017 9:56

Tgt Ion: 70 Resp: 177170

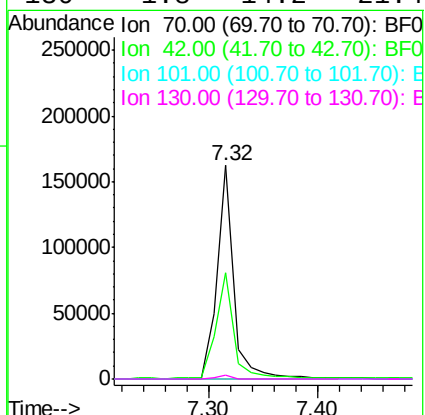
Ion Ratio Lower Upper

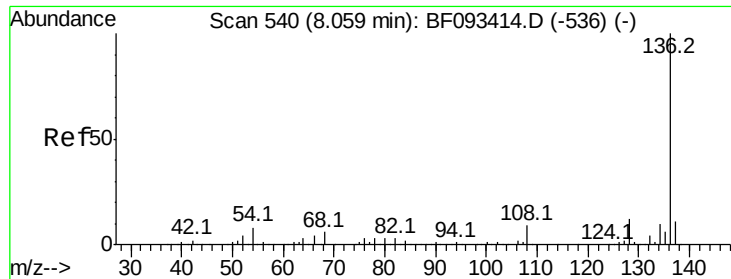
70 100

42 49.7 49.4 74.0

101 0.0 7.4 11.2#

130 1.8 14.2 21.4#

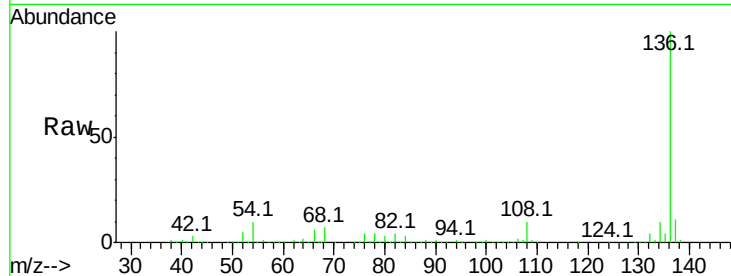




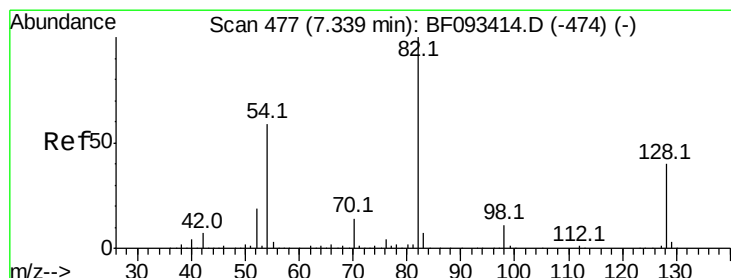
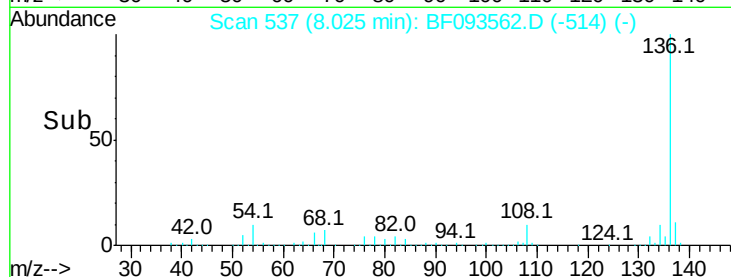
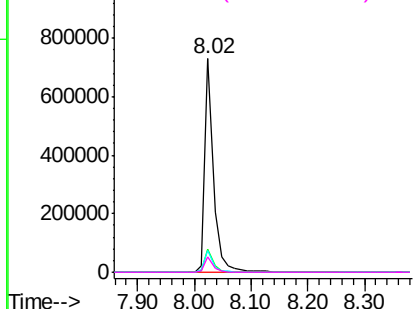
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF093562.D
Acq: 11 Mar 2017 9:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	738992
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	10.4	4.5	6.7#
68	7.2	3.6	5.4#

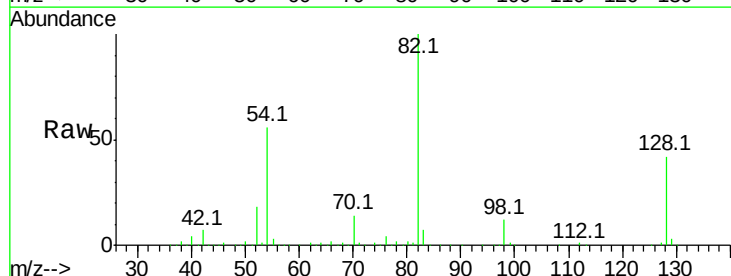


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

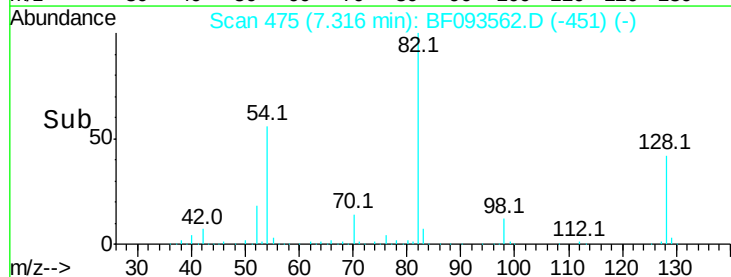
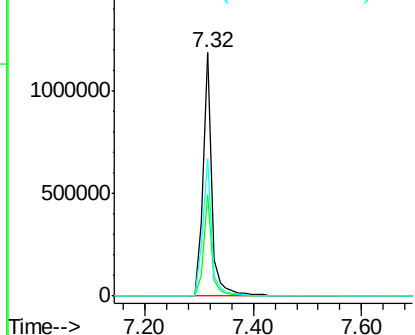


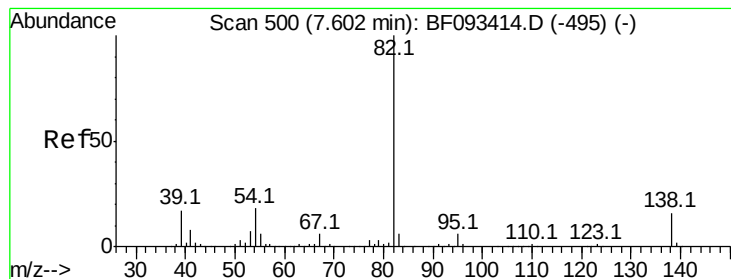
#23
Nitrobenzene-d5
Concen: 99.00 ng
RT: 7.32 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF093562.D
Acq: 11 Mar 2017 9:56

Tgt Ion:	82	Resp:	1318601
Ion	Ratio	Lower	Upper
82	100		
128	41.7	34.6	52.0
54	56.3	39.5	59.3



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





#25

Isophorone

Concen: 49.20 ng

RT: 7.32 min Scan# 475

Delta R.T. -0.29 min

Lab File: BF093562.D

Acq: 11 Mar 2017 9:56

Instrument :

BNA_F

ClientSampleId :

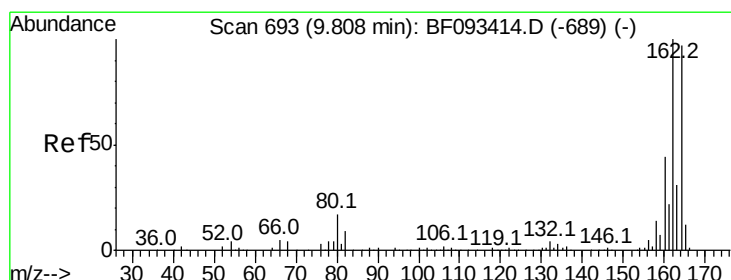
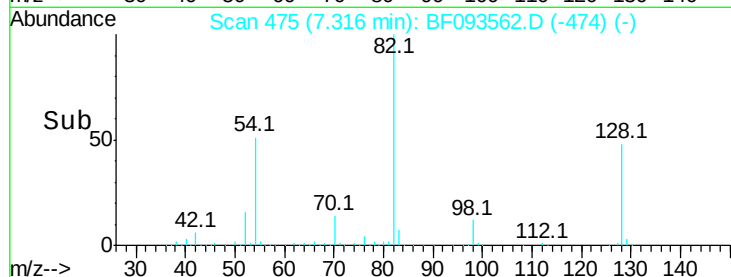
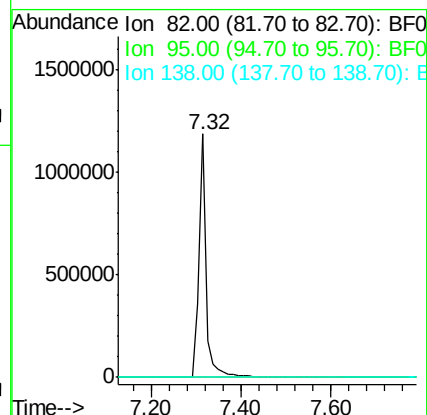
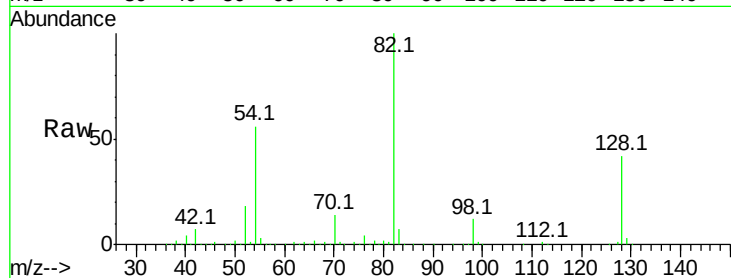
Tot Ion: 82 Resp: 1321387

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.6 22.0#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.77 min Scan# 690

Delta R.T. -0.03 min

Lab File: BF093562.D

Acq: 11 Mar 2017 9:56

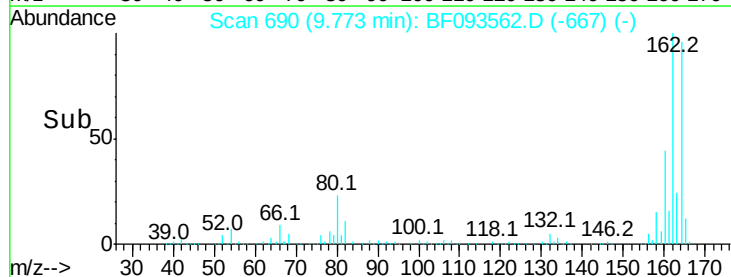
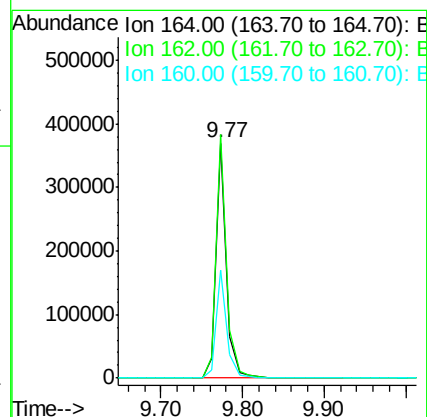
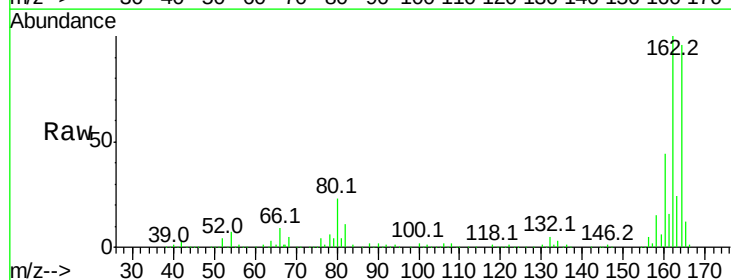
Tgt Ion: 164 Resp: 333659

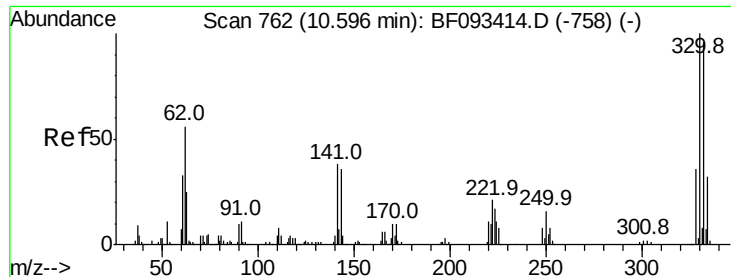
Ion Ratio Lower Upper

164 100

162 103.7 80.2 120.2

160 45.9 36.9 55.3

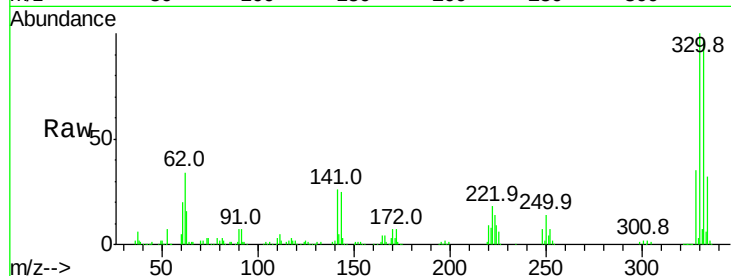




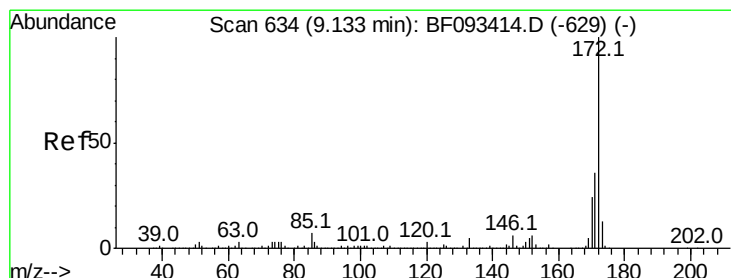
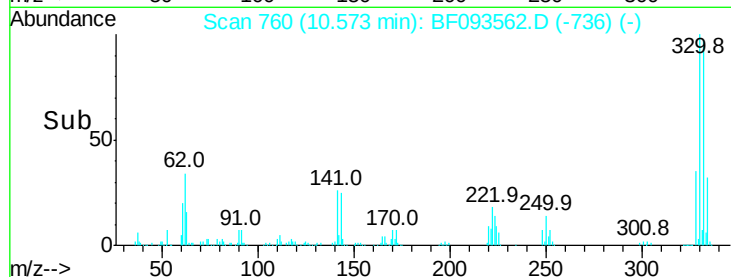
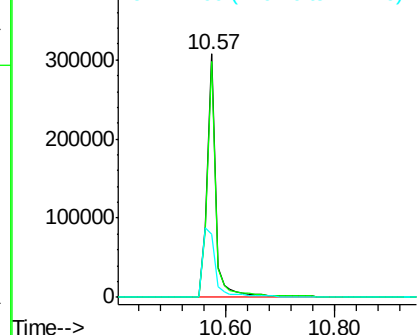
#41
 2,4,6-Tribromophenol
 Concen: 159.53 ng
 RT: 10.57 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: BF093562.D
 Acq: 11 Mar 2017 9:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.4	116.2
141	42.6	34.1	51.1

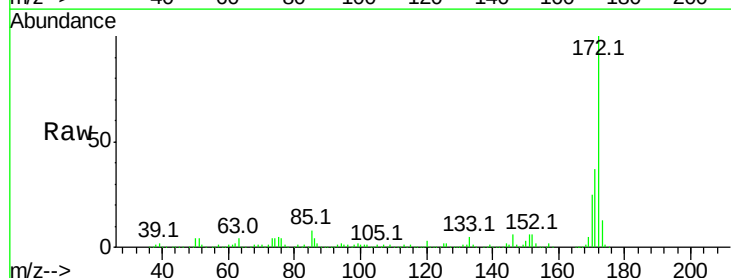


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

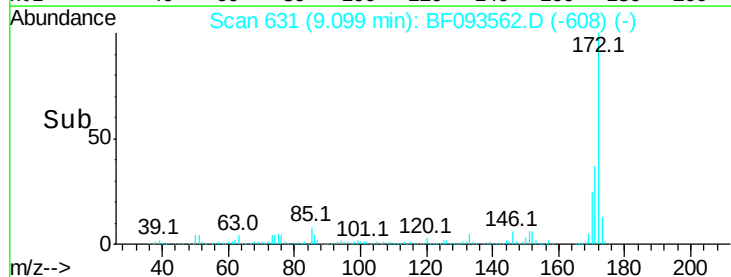
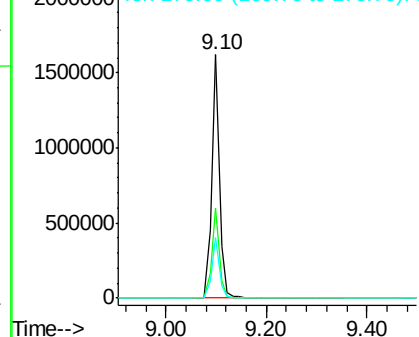


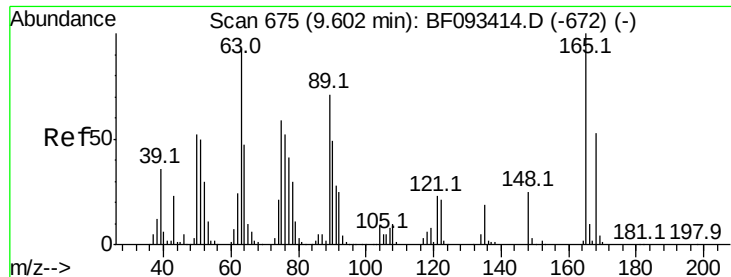
#44
 2-Fluorobiphenyl
 Concen: 96.08 ng
 RT: 9.10 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF093562.D
 Acq: 11 Mar 2017 9:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.0
170	24.9	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

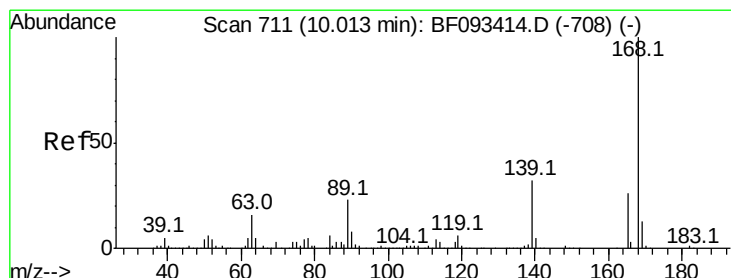
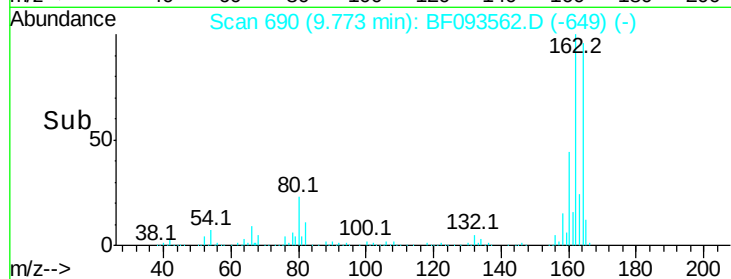
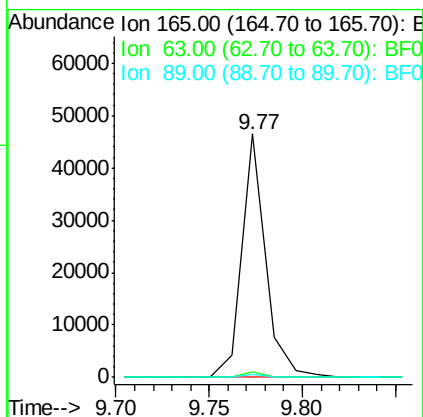
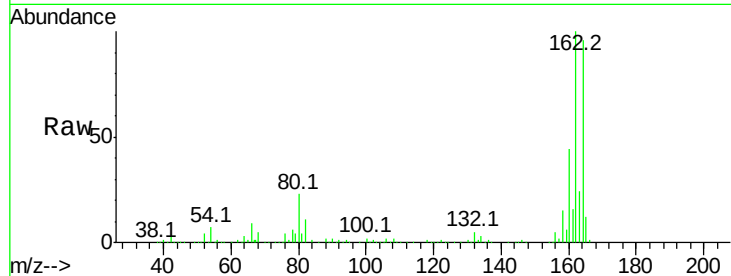




#50
 2,6-Dinitrotoluene
 Concen: 8.54 ng
 RT: 9.77 min Scan# 690
 Delta R.T. 0.17 min
 Lab File: BF093562.D
 Acq: 11 Mar 2017 9:56

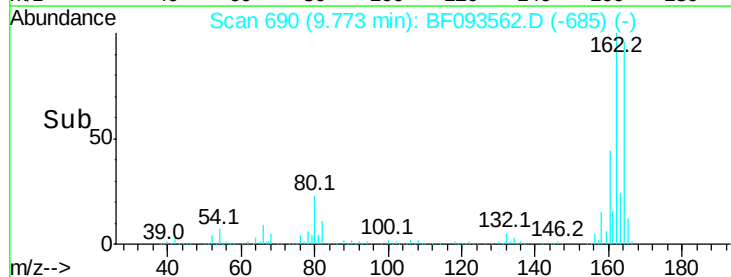
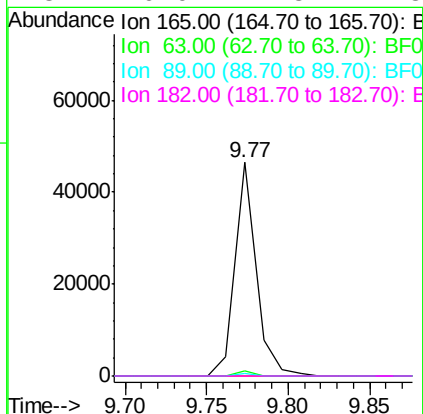
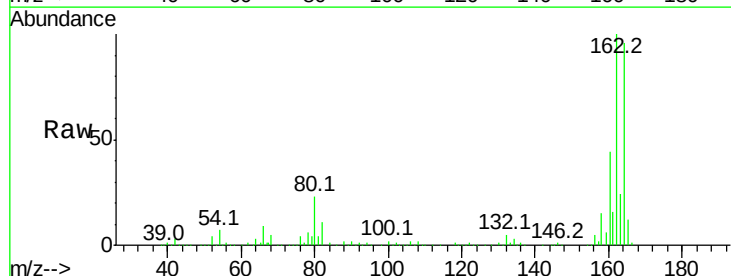
Instrument :
 BNA_F
 ClientSampleId :

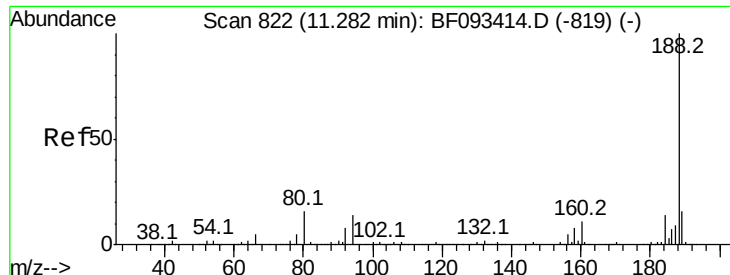
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.2	36.2	54.4#
89	1.4	40.2	60.4#



#56
 2,4-Dinitrotoluene
 Concen: 6.95 ng
 RT: 9.77 min Scan# 690
 Delta R.T. -0.24 min
 Lab File: BF093562.D
 Acq: 11 Mar 2017 9:56

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.2	40.2	60.4#
89	1.4	62.5	93.7#
182	0.0	1.8	2.8#

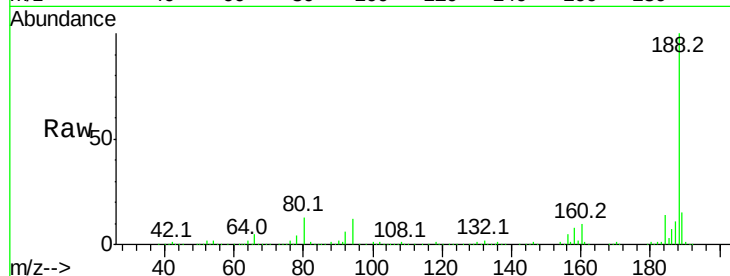




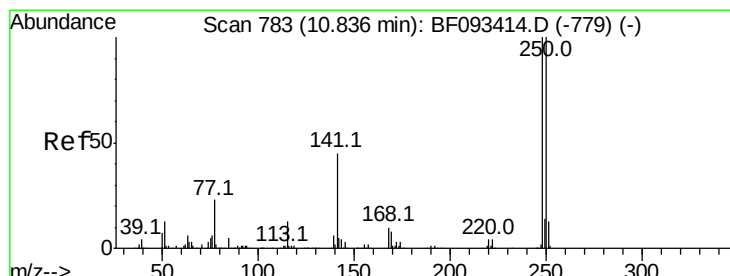
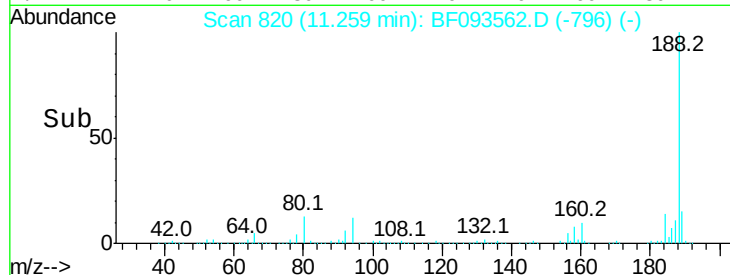
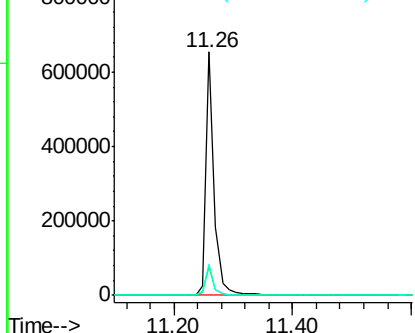
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 820
 Delta R.T. -0.02 min
 Lab File: BF093562.D
 Acq: 11 Mar 2017 9:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:188 Resp: 642882
 Ion Ratio Lower Upper
 188 100
 94 11.9 10.0 15.0
 80 12.8 11.2 16.8

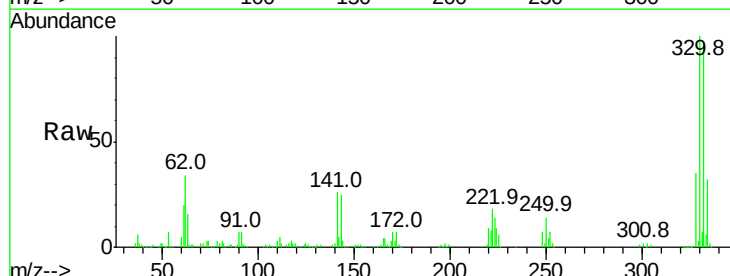


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

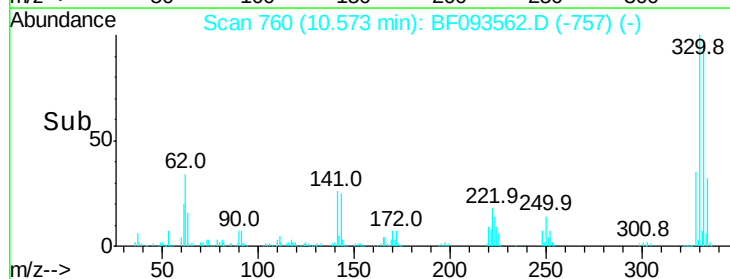
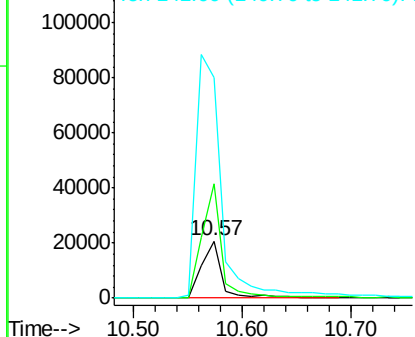


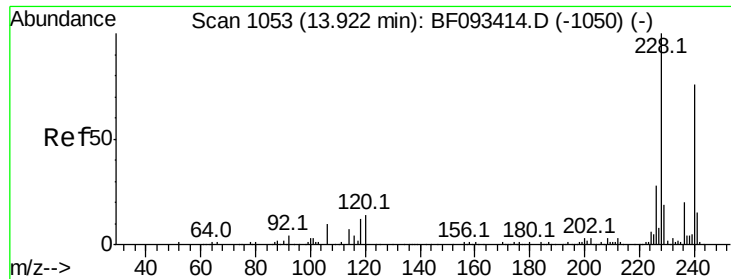
#66
 4-Bromophenyl-phenylether
 Concen: 3.93 ng
 RT: 10.57 min Scan# 760
 Delta R.T. -0.26 min
 Lab File: BF093562.D
 Acq: 11 Mar 2017 9:56

Tgt Ion:248 Resp: 26717
 Ion Ratio Lower Upper
 248 100
 250 200.8 76.9 115.3#
 141 386.9 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

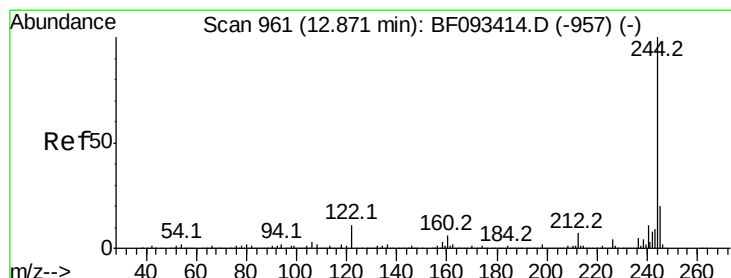
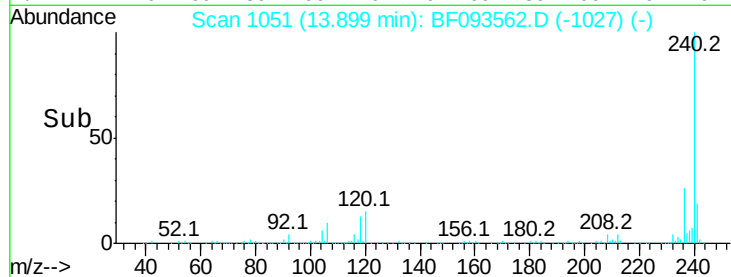
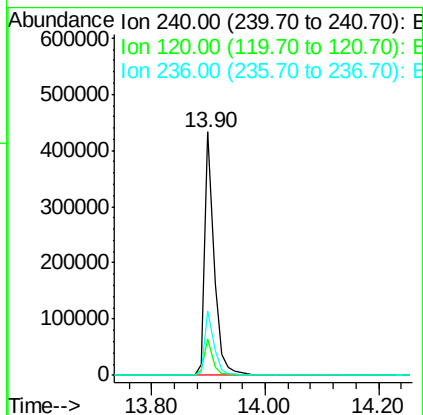
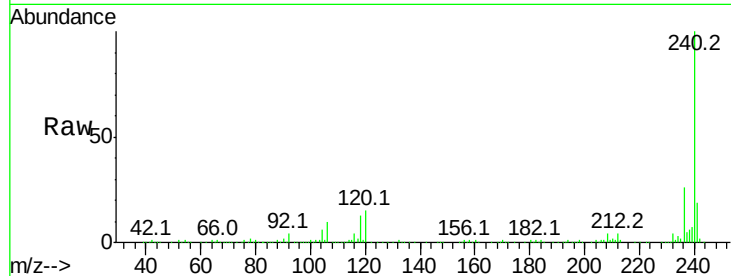




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 13.90 min Scan# 1051
 Delta R.T. -0.02 min
 Lab File: BF093562.D
 Acq: 11 Mar 2017 9:56

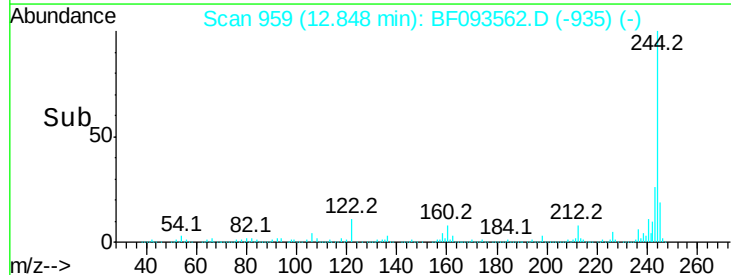
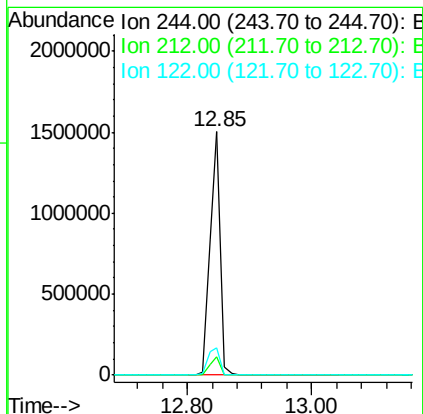
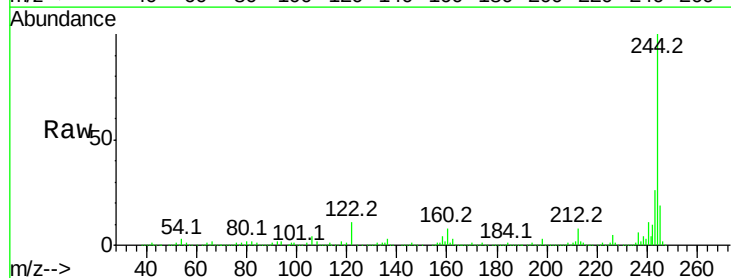
Instrument :
 BNA_F
 ClientSampleId :

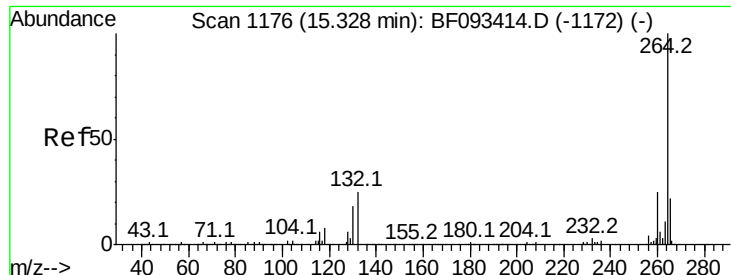
Tot Ion:240 Resp: 471174
 Ion Ratio Lower Upper
 240 100
 120 15.1 12.9 19.3
 236 26.2 20.9 31.3



#78
 Terphenyl-d14
 Concen: 92.58 ng
 RT: 12.85 min Scan# 959
 Delta R.T. -0.02 min
 Lab File: BF093562.D
 Acq: 11 Mar 2017 9:56

Tgt Ion:244 Resp: 1677797
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 11.3 11.4 17.2#

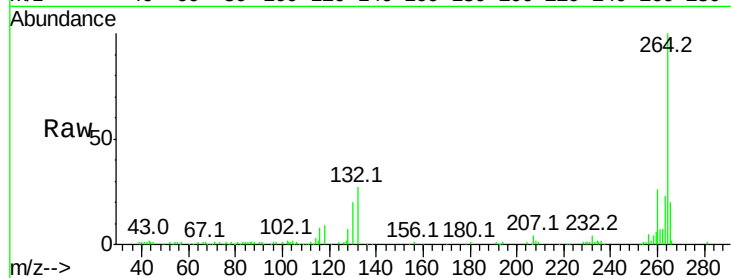




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BF093562.D
Acq: 11 Mar 2017 9:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 264 Resp: 201344
Ion Ratio Lower Upper
264 100
260 25.5 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

