

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031017\
 Data File : BF093542.D
 Acq On : 11 Mar 2017 00:32
 Operator : SJ/MA
 Sample : I2198-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Time: Mar 11 02:32:17 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

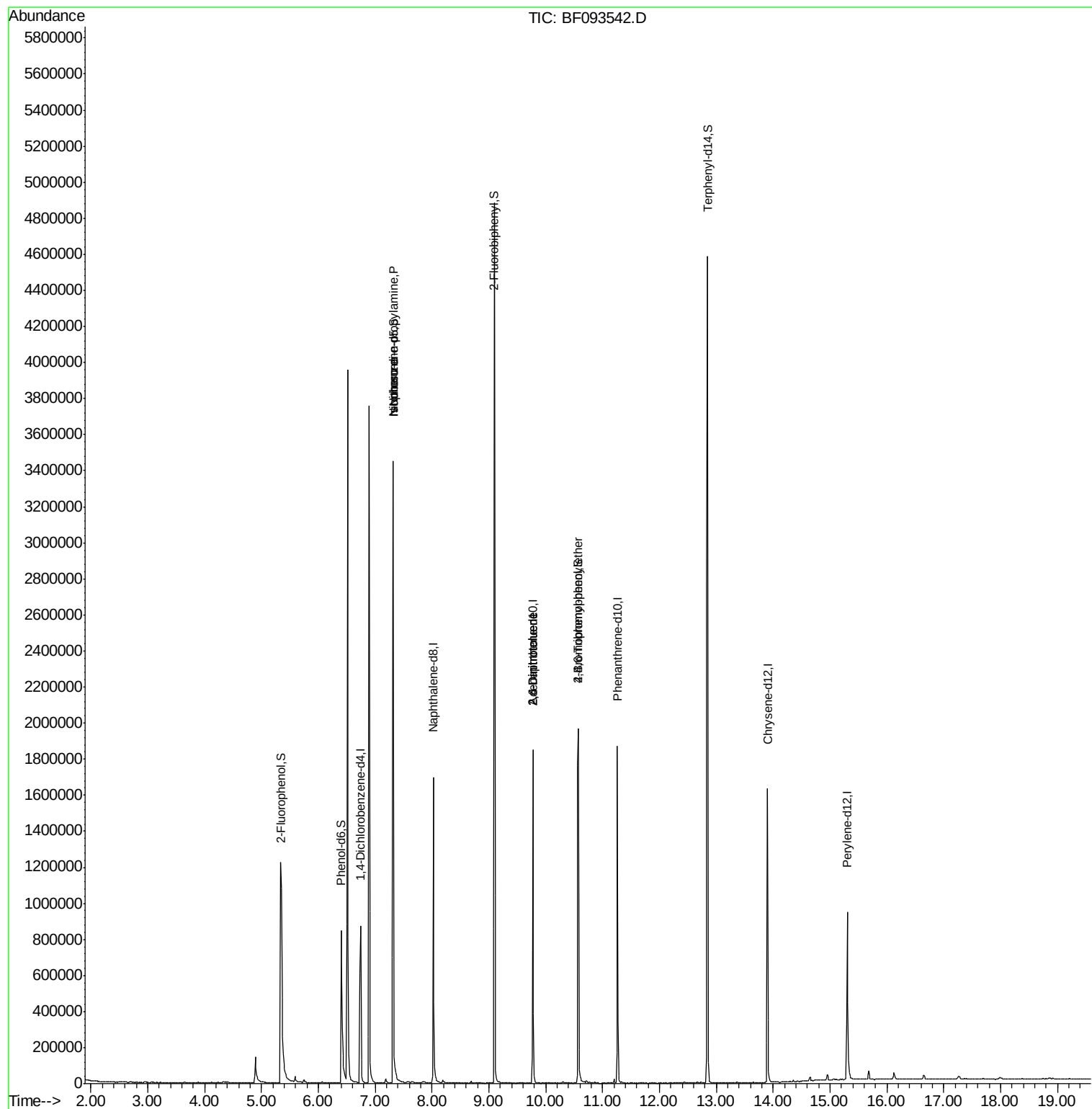
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	182910	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	782411	20.00	ng	-0.03
38) Acenaphthene-d10	9.77	164	353817	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	657310	20.00	ng	-0.02
75) Chrysene-d12	13.90	240	581945	20.00	ng	-0.02
86) Perylene-d12	15.31	264	430385	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	675955	61.51	ng	0.00
7) Phenol-d6	6.40	99	568438	41.02	ng	-0.01
23) Nitrobenzene-d5	7.32	82	1162512	82.44	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	324571	140.80	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	1583551	83.25	ng	-0.03
78) Terphenyl-d14	12.85	244	1666911	74.47	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.40	77	1095	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.32	70	158955	16.68	ng	# 80
25) Isophorone	7.32	82	1162977	40.90	ng	# 65
50) 2,6-Dinitrotoluene	9.77	165	43703	8.49	ng	# 31
56) 2,4-Dinitrotoluene	9.77	165	43706	6.91	ng	# 20
66) 4-Bromophenyl-phenylether	10.57	248	24234	3.49	ng	# 1

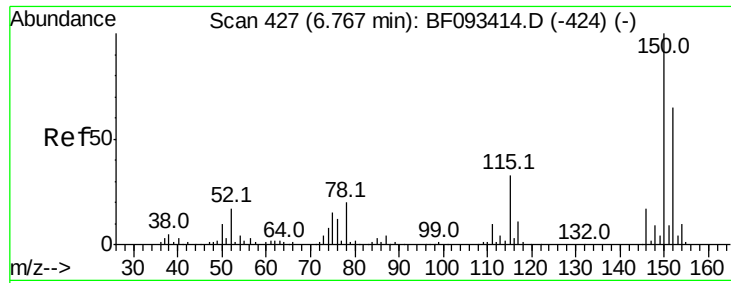
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF093542.D

Acq: 11 Mar 2017 00:32

Instrument :

BNA_F

ClientSampleId :

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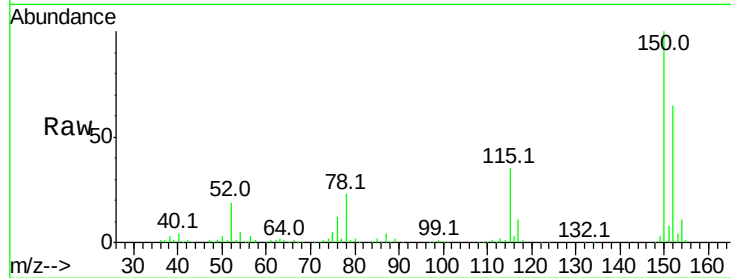
Tot Ion:152 Resp: 182910

Ion Ratio Lower Upper

152 100

150 154.8 124.9 187.3

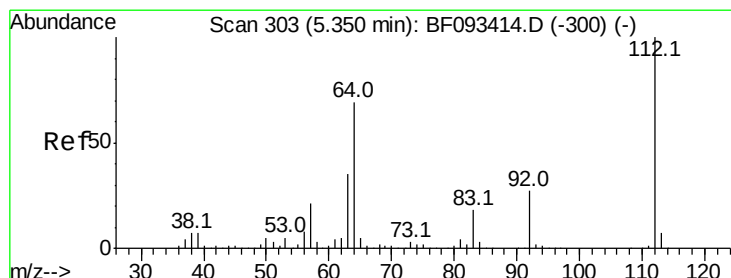
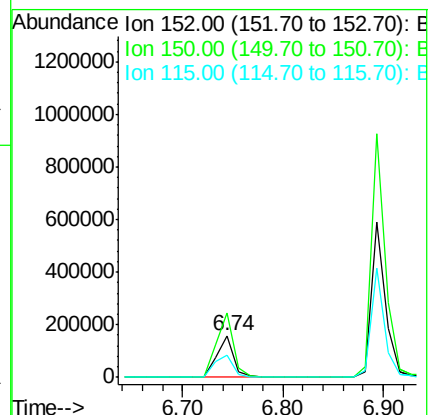
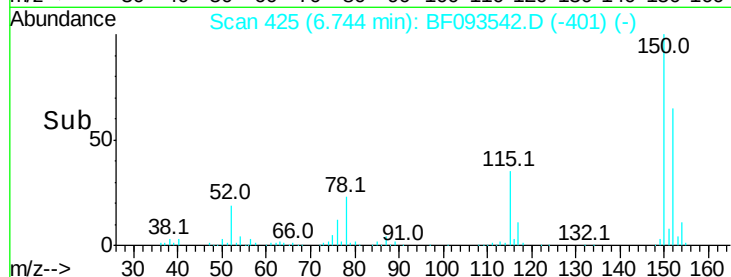
115 54.0 46.0 69.0



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: 61.51 ng

RT: 5.35 min Scan# 303

Delta R.T. -0.00 min

Lab File: BF093542.D

Acq: 11 Mar 2017 00:32

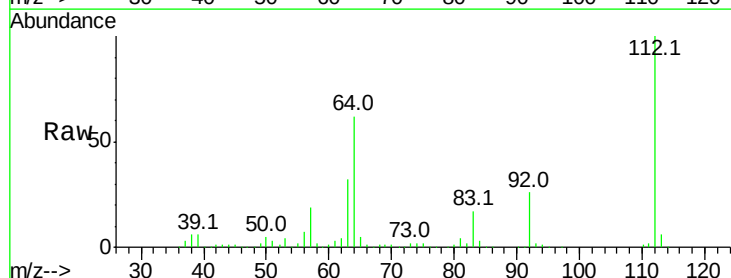
Tgt Ion:112 Resp: 675955

Ion Ratio Lower Upper

112 100

64 61.7 46.1 69.1

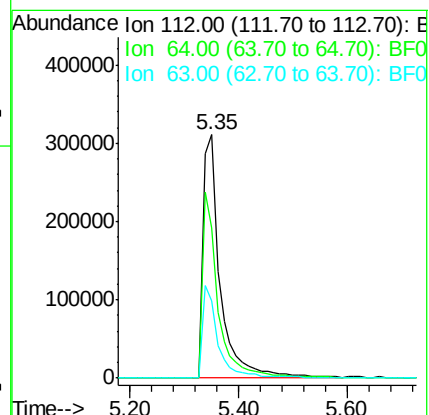
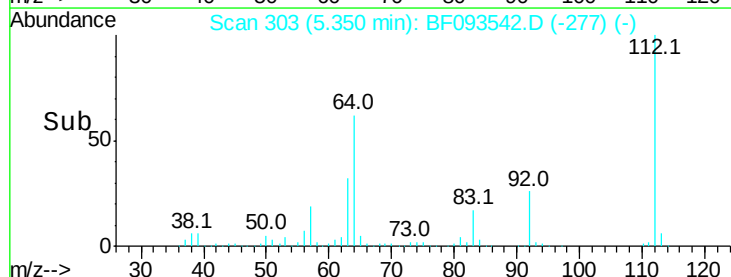
63 31.5 23.8 35.6

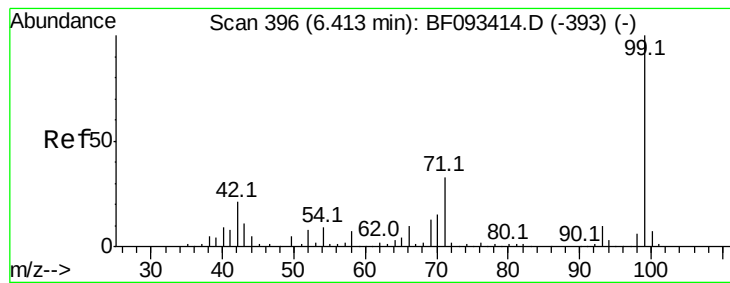


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 41.02 ng

RT: 6.40 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF093542.D

Acq: 11 Mar 2017 00:32

Instrument :

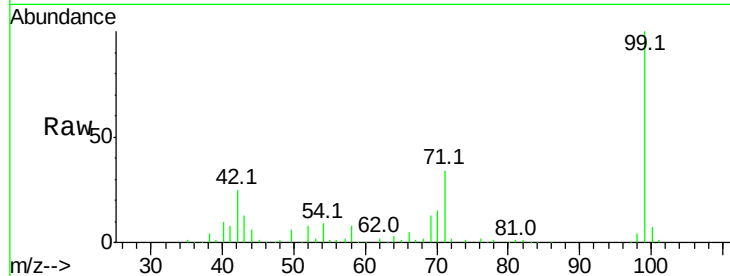
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ClientSampleId :

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Tot Ion: 99 Resp: 568438

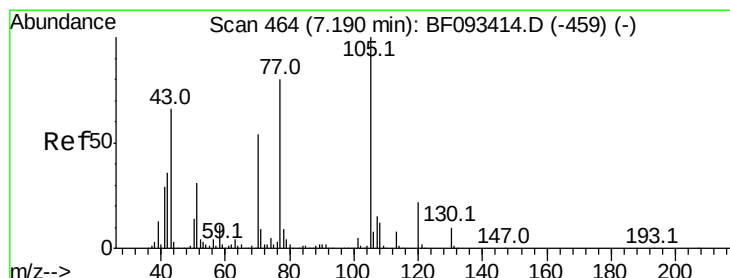
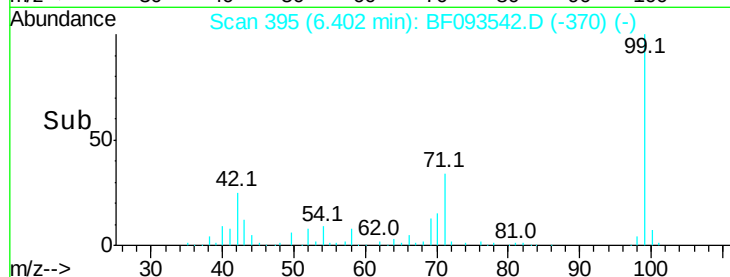
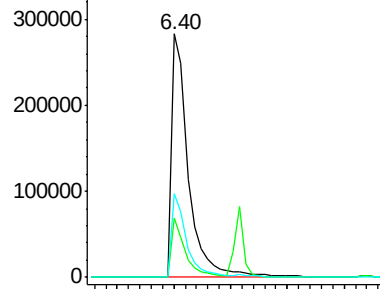
Ion	Ratio	Lower	Upper
99	100		
42	24.5	15.6	23.4#
71	34.1	27.5	41.3



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: 16.68 ng

RT: 7.32 min Scan# 475

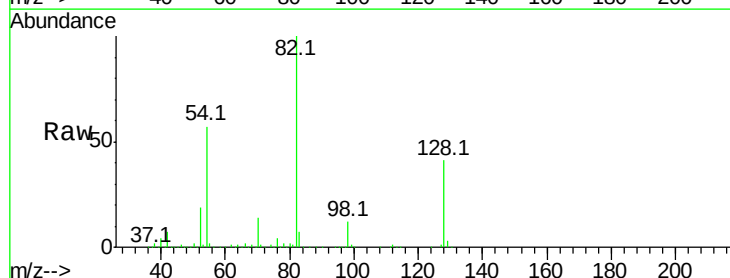
Delta R.T. 0.13 min

Lab File: BF093542.D

Acq: 11 Mar 2017 00:32

Tgt Ion: 70 Resp: 158955

Ion	Ratio	Lower	Upper
70	100		
42	50.5	49.4	74.0
101	0.0	7.4	11.2#
130	1.9	14.2	21.4#

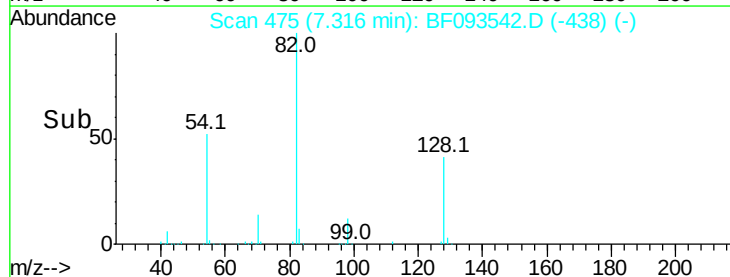
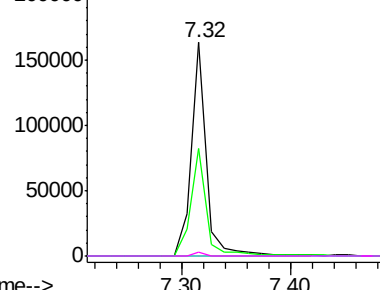


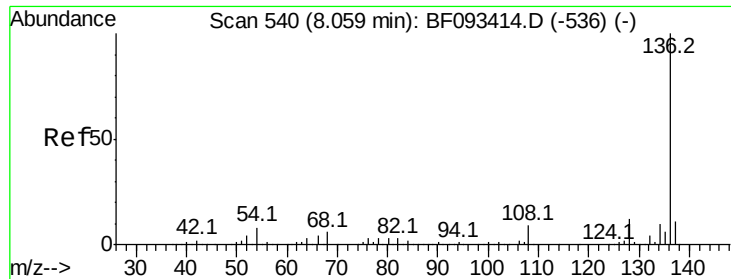
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

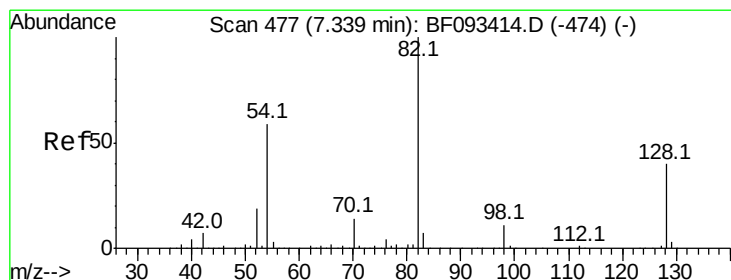
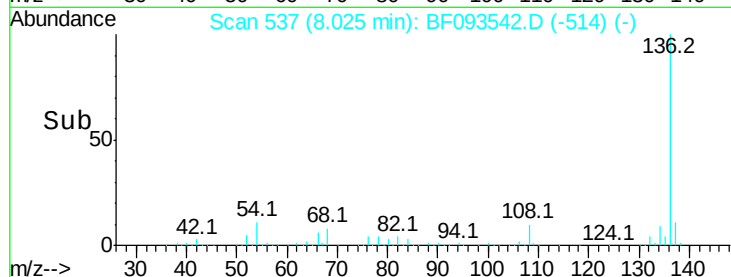
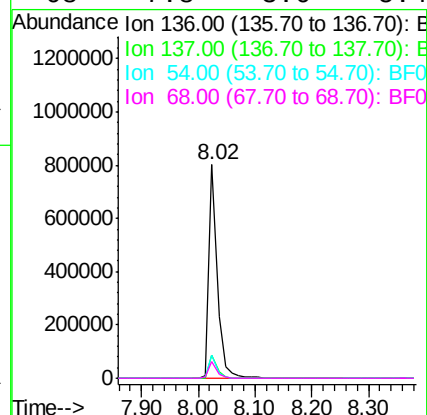
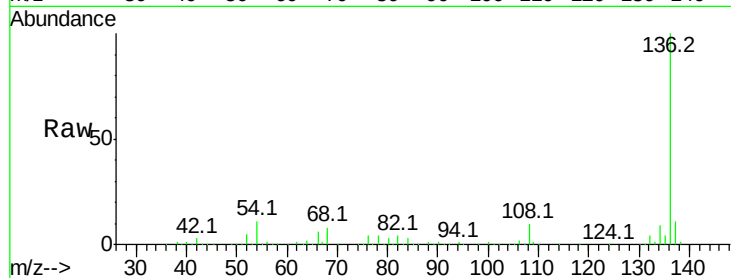




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF093542.D
Acq: 11 Mar 2017 00:32

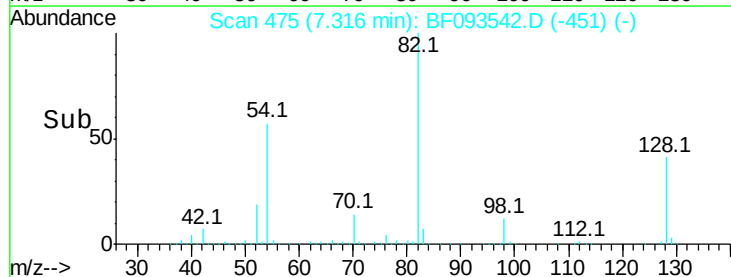
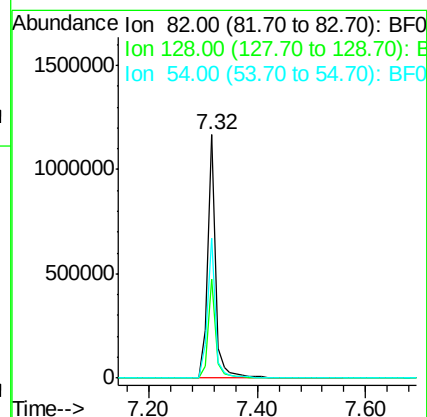
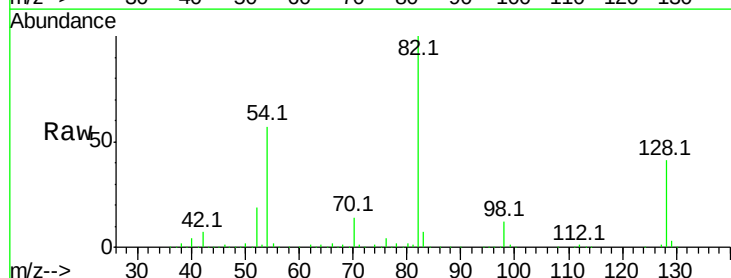
Instrument :
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ClientSampleId :
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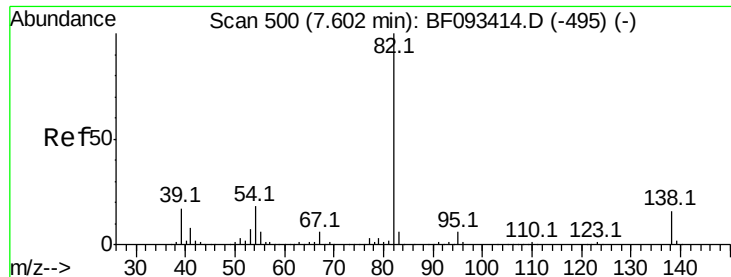
Tot Ion:136	Resp:	782411
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.4 12.6
54	11.0	4.5 6.7#
68	7.8	3.6 5.4#



#23
Nitrobenzene-d5
Concen: 82.44 ng
RT: 7.32 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF093542.D
Acq: 11 Mar 2017 00:32

Tgt Ion: 82	Resp:	1162512
Ion	Ratio	Lower Upper
82	100	
128	40.5	34.6 52.0
54	57.5	39.5 59.3





#25

Isophorone

Concen: 40.90 ng

RT: 7.32 min Scan# 475

Delta R.T. -0.29 min

Lab File: BF093542.D

Acq: 11 Mar 2017 00:32

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK

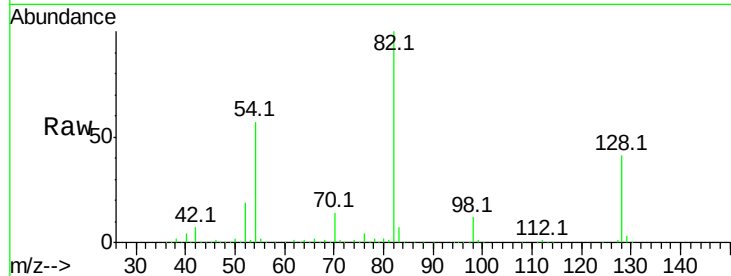
Tot Ion: 82 Resp: 1162977

Ion Ratio Lower Upper

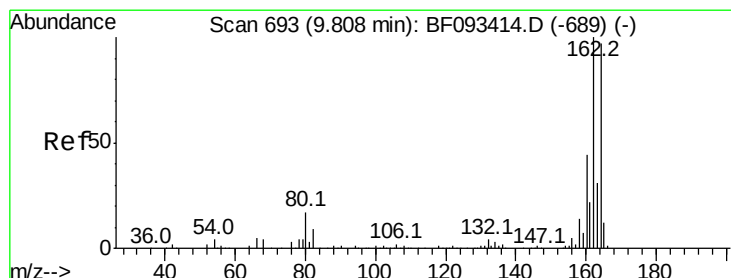
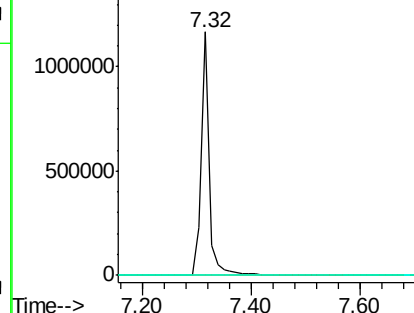
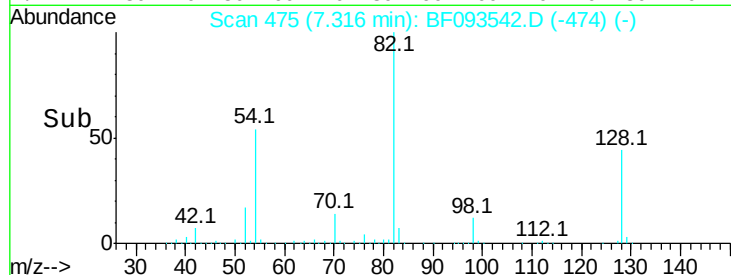
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.77 min Scan# 690

Delta R.T. -0.03 min

Lab File: BF093542.D

Acq: 11 Mar 2017 00:32

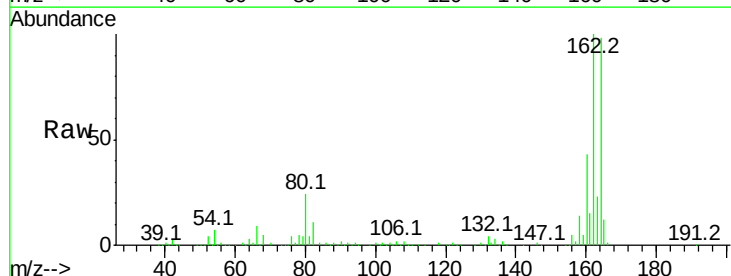
Tgt Ion:164 Resp: 353817

Ion Ratio Lower Upper

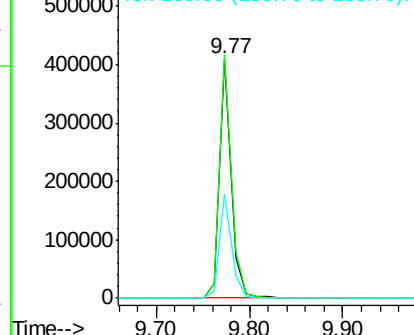
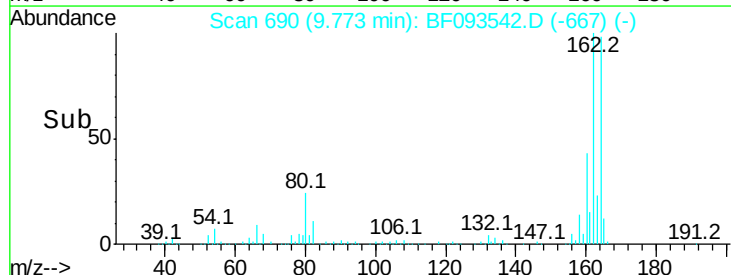
164 100

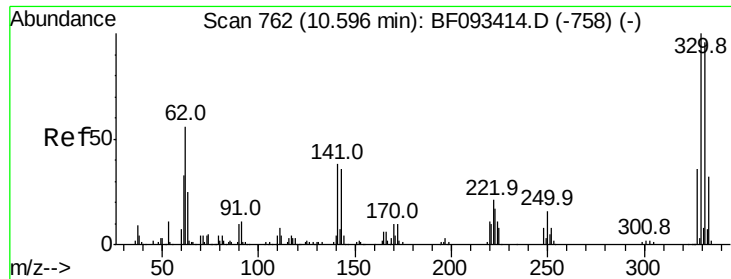
162 102.1 80.2 120.2

160 43.8 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

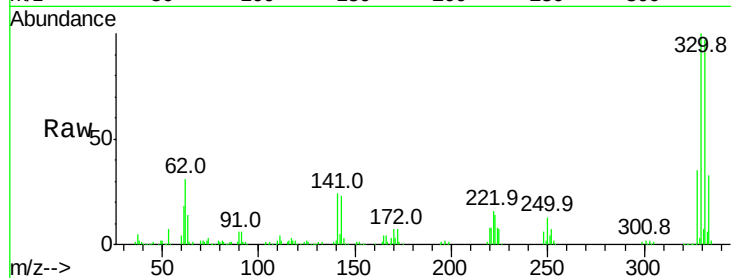




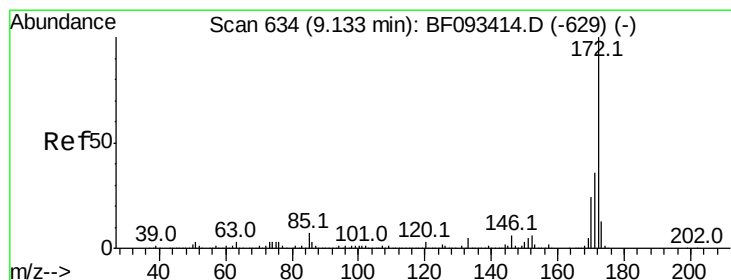
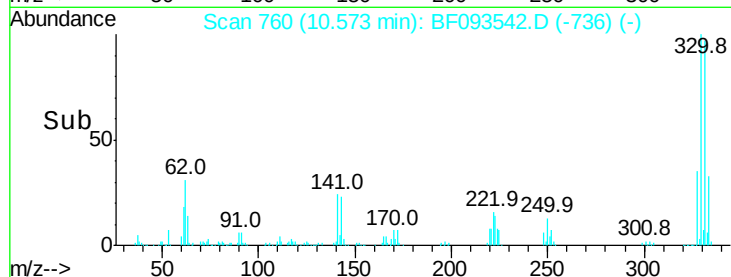
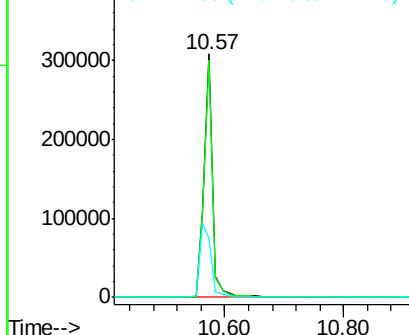
#41
 2,4,6-Tribromophenol
 Concen: 140.80 ng
 RT: 10.57 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: BF093542.D
 Acq: 11 Mar 2017 00:32

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion:330 Resp: 324571
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.4 116.2
 141 39.3 34.1 51.1

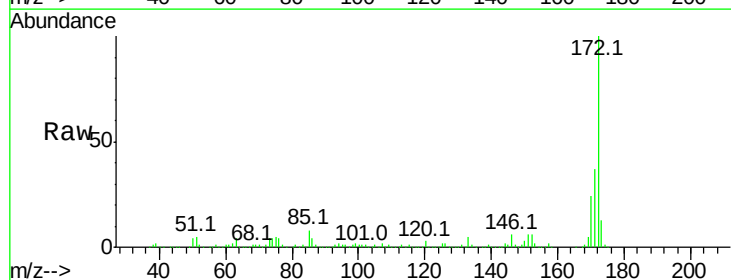


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

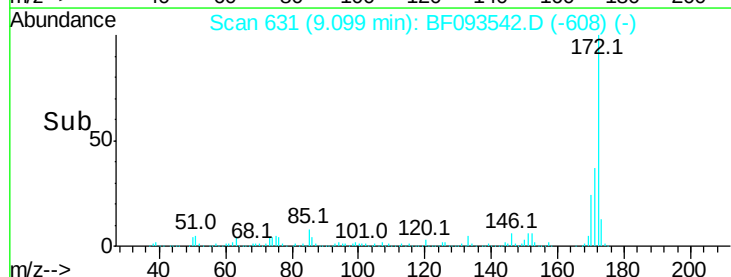
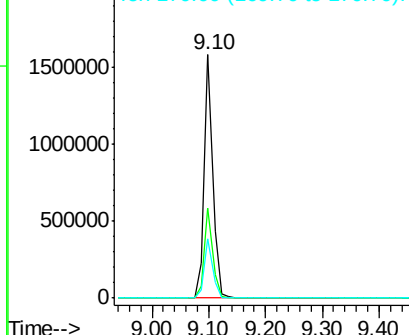


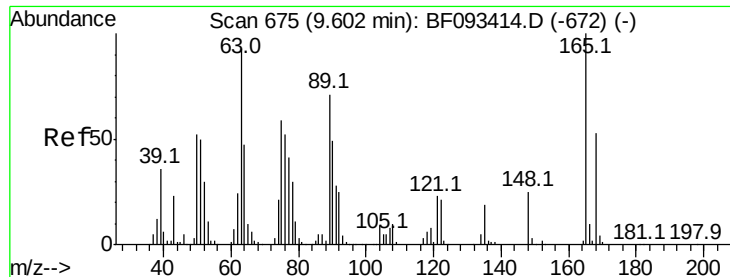
#44
 2-Fluorobiphenyl
 Concen: 83.25 ng
 RT: 9.10 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF093542.D
 Acq: 11 Mar 2017 00:32

Tgt Ion:172 Resp: 1583551
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.0
 170 24.5 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

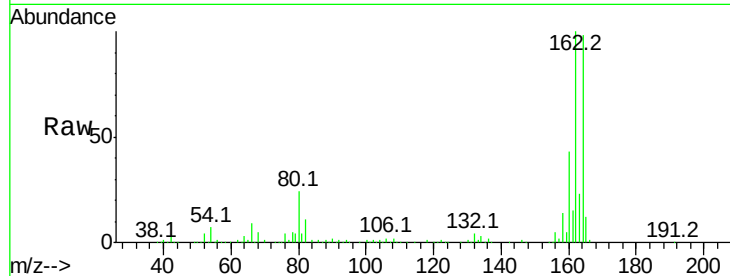




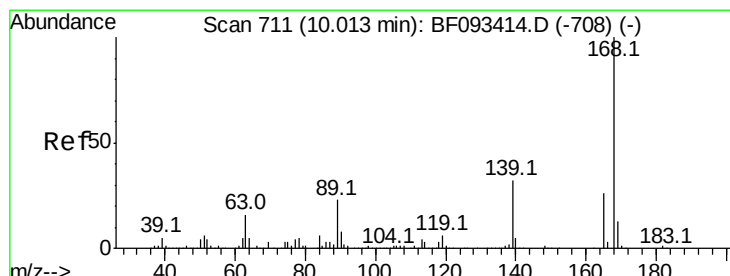
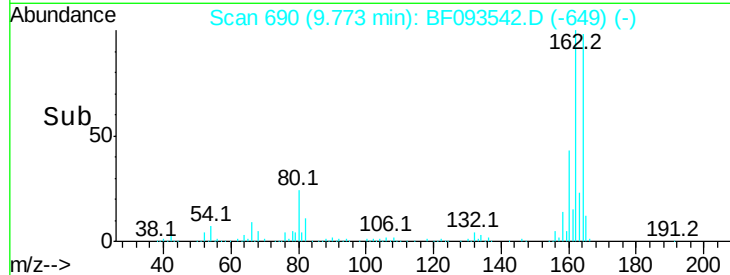
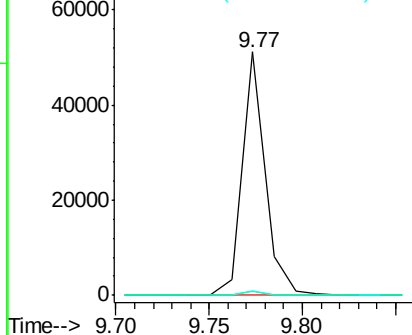
#50
2,6-Dinitrotoluene
Concen: 8.49 ng
RT: 9.77 min Scan# 690
Delta R.T. 0.17 min
Lab File: BF093542.D
Acq: 11 Mar 2017 00:32

Instrument :
BNA_F
ClientSampleId :
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Tot Ion:165 Resp: 43703
Ion Ratio Lower Upper
165 100
63 1.7 36.2 54.4#
89 1.5 40.2 60.4#



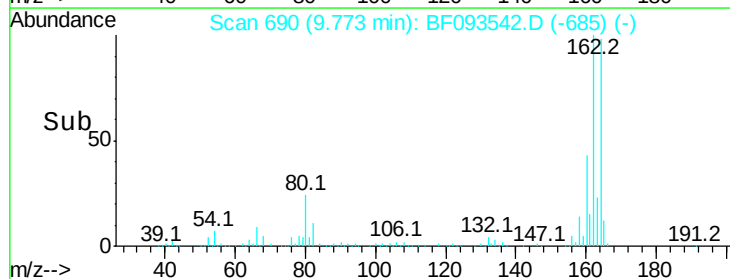
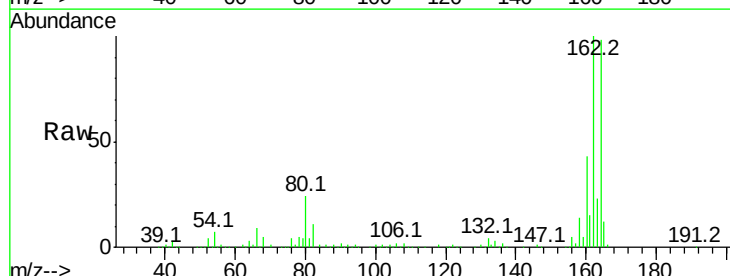
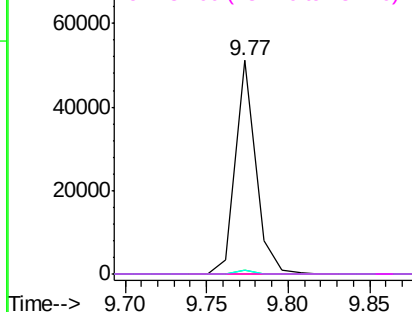
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

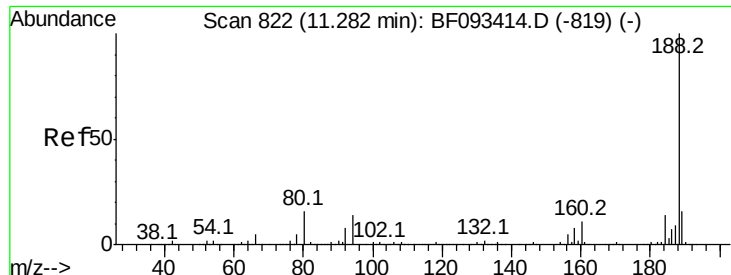


#56
2,4-Dinitrotoluene
Concen: 6.91 ng
RT: 9.77 min Scan# 690
Delta R.T. -0.24 min
Lab File: BF093542.D
Acq: 11 Mar 2017 00:32

Tgt Ion:165 Resp: 43706
Ion Ratio Lower Upper
165 100
63 1.7 40.2 60.4#
89 1.5 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

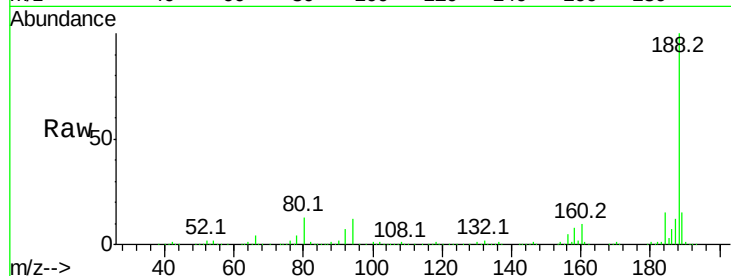




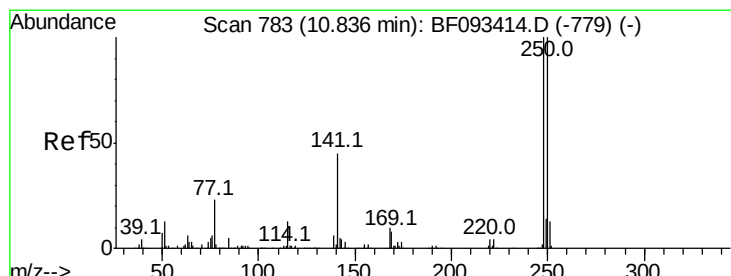
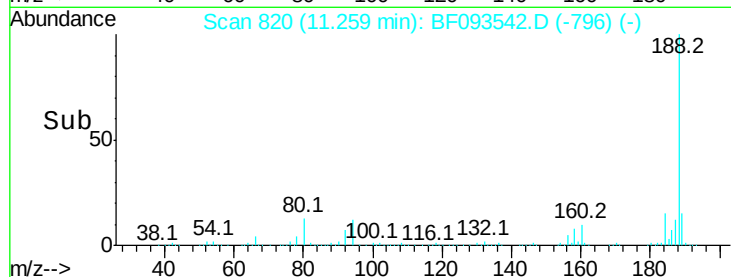
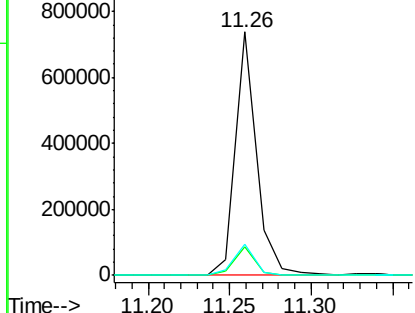
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 820
 Delta R.T. -0.02 min
 Lab File: BF093542.D
 Acq: 11 Mar 2017 00:32

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion:188 Resp: 657310
 Ion Ratio Lower Upper
 188 100
 94 11.7 10.0 15.0
 80 12.7 11.2 16.8

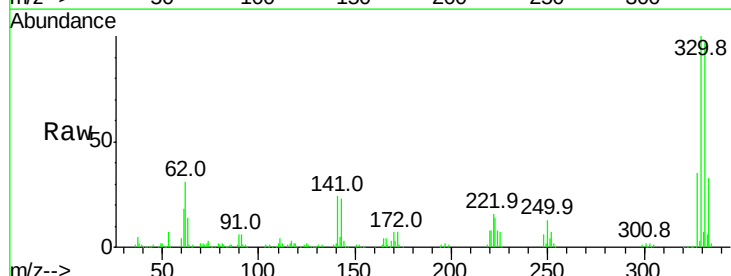


Abundance Ion 188.00 (187.70 to 188.70): E
 1000000 Ion 94.00 (93.70 to 94.70): BF0
 800000 Ion 80.00 (79.70 to 80.70): BF0
 600000
 400000
 200000
 0

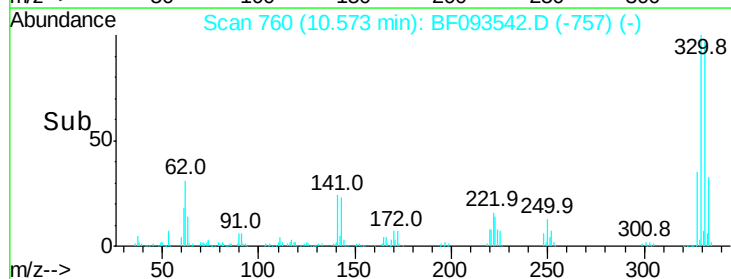
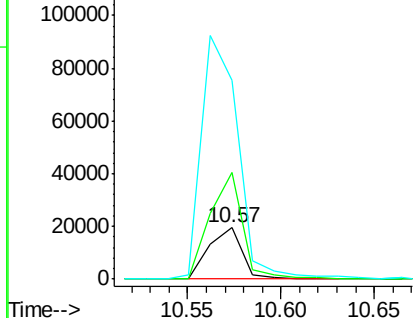


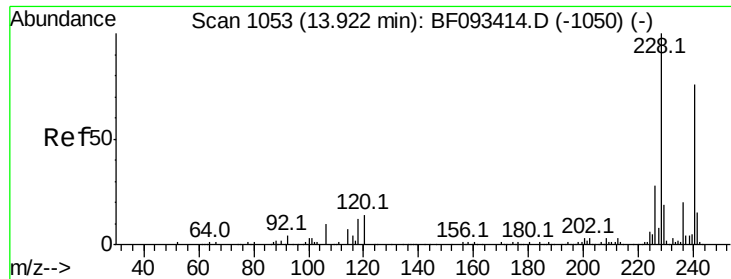
#66
 4-Bromophenyl-phenylether
 Concen: 3.49 ng
 RT: 10.57 min Scan# 760
 Delta R.T. -0.26 min
 Lab File: BF093542.D
 Acq: 11 Mar 2017 00:32

Tgt Ion:248 Resp: 24234
 Ion Ratio Lower Upper
 248 100
 250 208.9 76.9 115.3#
 141 388.3 68.2 102.4#



Abundance Ion 248.00 (247.70 to 248.70): E
 120000 Ion 250.00 (249.70 to 250.70): E
 100000 Ion 141.00 (140.70 to 141.70): E
 80000
 60000
 40000
 20000
 0

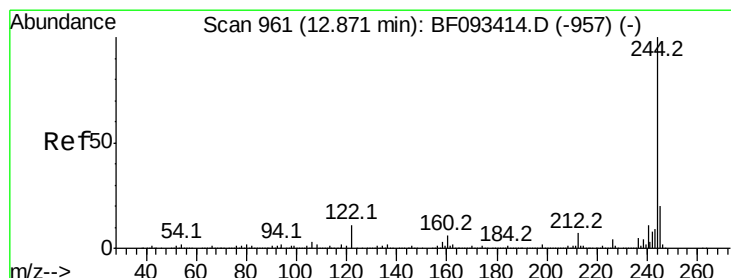
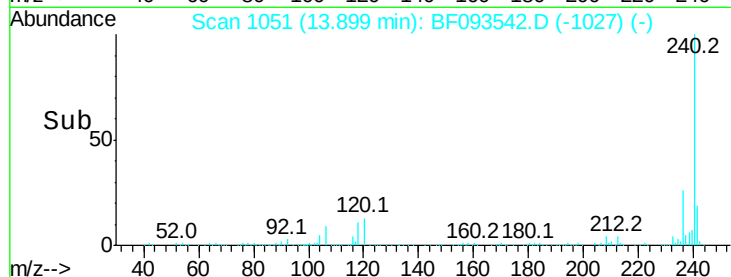
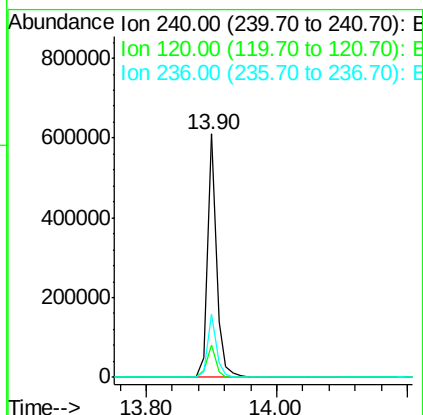
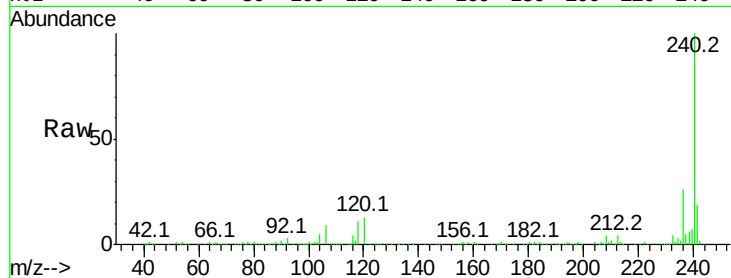




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.90 min Scan# 1051
 Delta R.T. -0.02 min
 Lab File: BF093542.D
 Acq: 11 Mar 2017 00:32

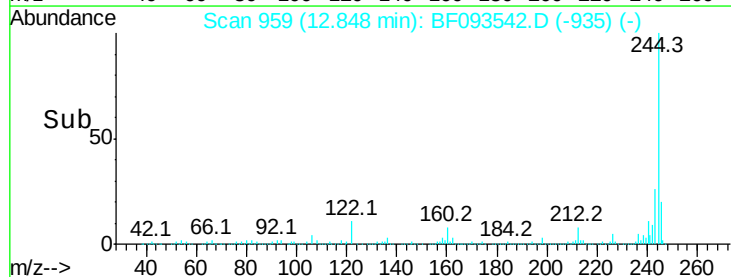
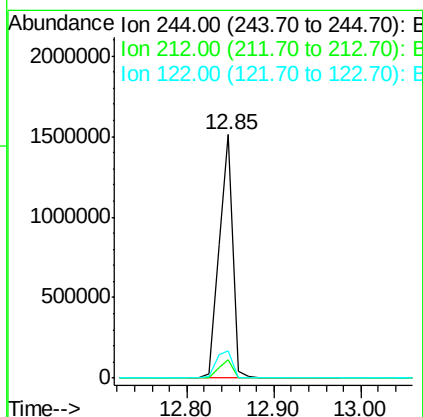
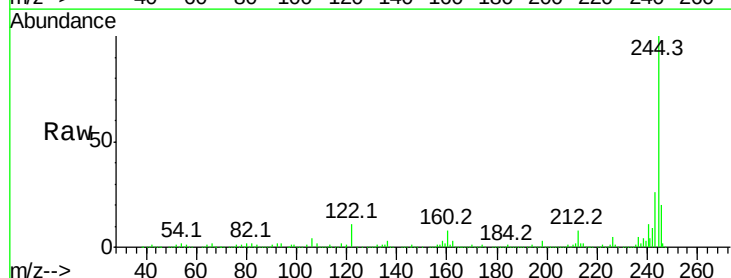
Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK

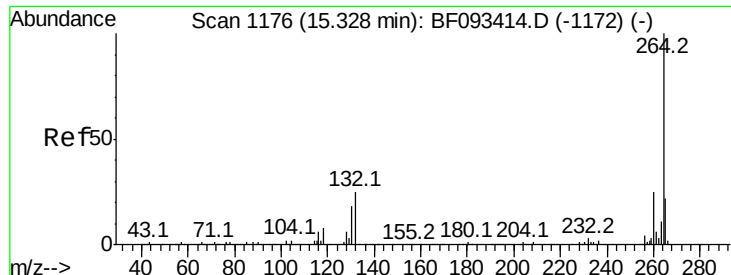
Tot Ion:240 Resp: 581945
 Ion Ratio Lower Upper
 240 100
 120 13.3 12.9 19.3
 236 26.1 20.9 31.3



#78
 Terphenyl-d14
 Concen: 74.47 ng
 RT: 12.85 min Scan# 959
 Delta R.T. -0.02 min
 Lab File: BF093542.D
 Acq: 11 Mar 2017 00:32

Tgt Ion:244 Resp: 1666911
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 11.2 11.4 17.2#

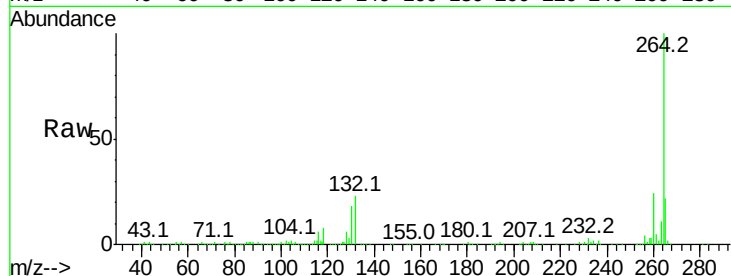




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1174
 Delta R.T. -0.02 min
 Lab File: BF093542.D
 Acq: 11 Mar 2017 00:32

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.8	19.2	28.8	
265	21.5	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

