

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031017\
 Data File : BF093541.D
 Acq On : 11 Mar 2017 00:05
 Operator : SJ/MA
 Sample : I2198-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-24

Quant Time: Mar 11 02:32:03 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

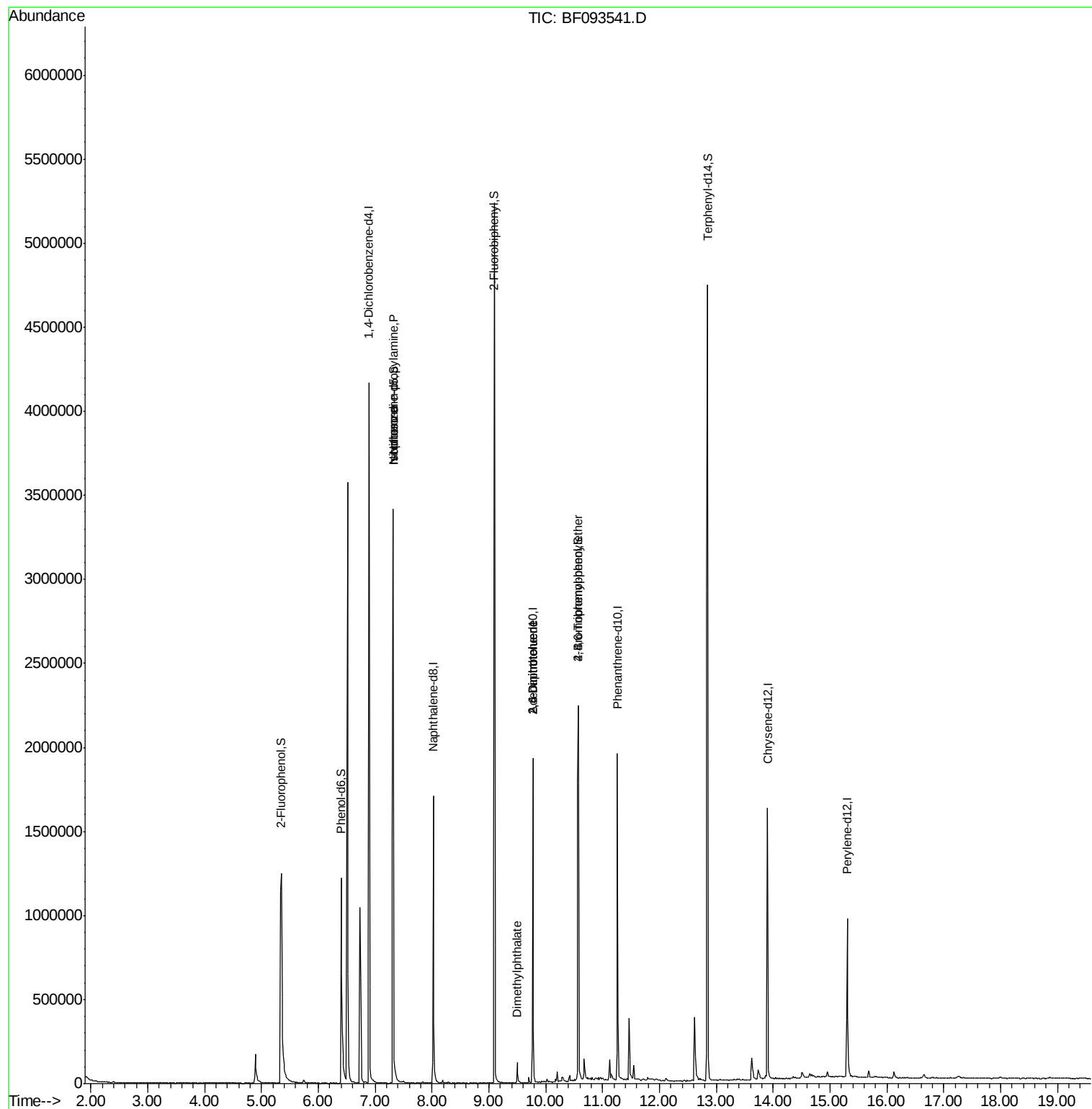
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	628693	20.00	ng	0.13
21) Naphthalene-d8	8.02	136	780863	20.00	ng	-0.03
38) Acenaphthene-d10	9.77	164	363935	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	667838	20.00	ng	-0.02
75) Chrysene-d12	13.90	240	567304	20.00	ng	-0.02
86) Perylene-d12	15.31	264	412293	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	720475	19.07	ng	0.00
7) Phenol-d6	6.40	99	633656	13.30	ng	-0.01
23) Nitrobenzene-d5	7.32	82	1303370	92.61	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	342615	144.50	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	1683864	86.06	ng	-0.03
78) Terphenyl-d14	12.85	244	1730947	79.33	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.32	70	173772	5.31	ng	# 81
25) Isophorone	7.32	82	1304849	45.98	ng	# 65
49) Dimethylphthalate	9.50	163	57888	2.40	ng	99
50) 2,6-Dinitrotoluene	9.77	165	46356	8.76	ng	# 32
56) 2,4-Dinitrotoluene	9.77	165	46348	7.13	ng	# 20
66) 4-Bromophenyl-phenylether	10.57	248	25723	3.64	ng	# 1

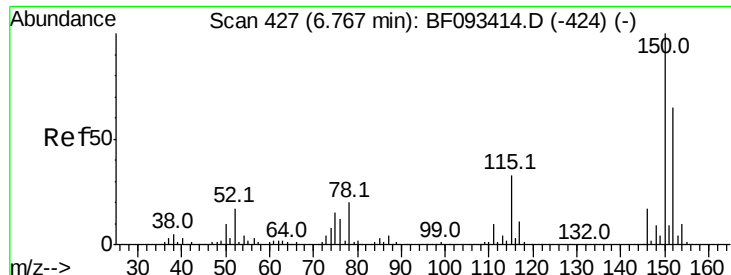
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 438

Delta R.T. 0.13 min

Lab File: BF093541.D

Acq: 11 Mar 2017 00:05

Instrument :

BNA_F

ClientSampleId :

W-24

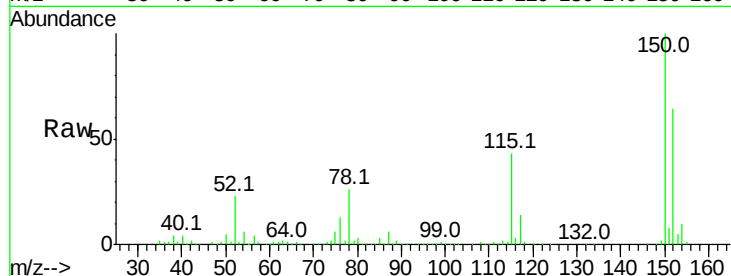
Tot Ion:152 Resp: 628693

Ion Ratio Lower Upper

152 100

150 156.1 124.9 187.3

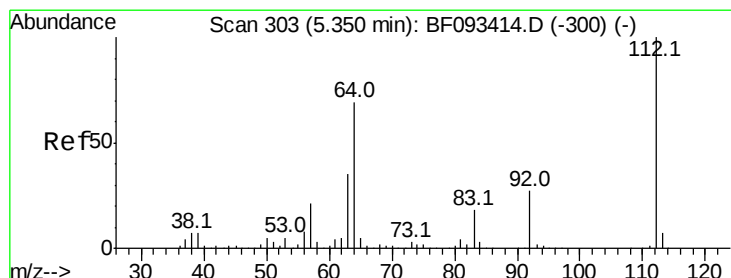
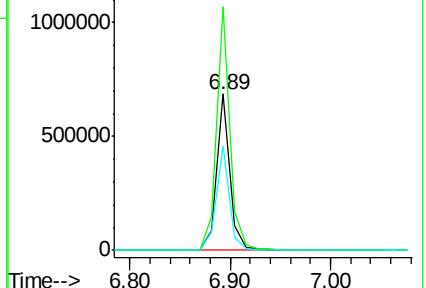
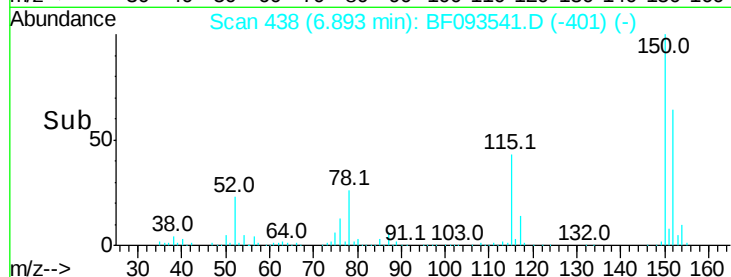
115 66.5 46.0 69.0



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: 19.07 ng

RT: 5.35 min Scan# 303

Delta R.T. -0.00 min

Lab File: BF093541.D

Acq: 11 Mar 2017 00:05

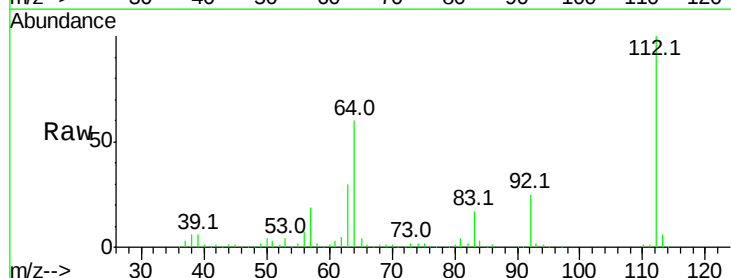
Tgt Ion:112 Resp: 720475

Ion Ratio Lower Upper

112 100

64 60.0 46.1 69.1

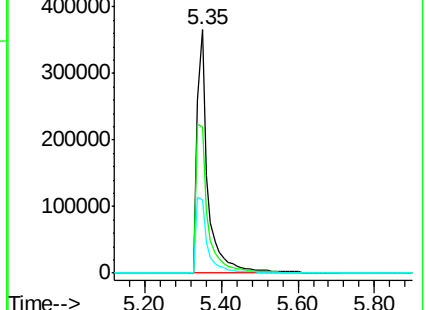
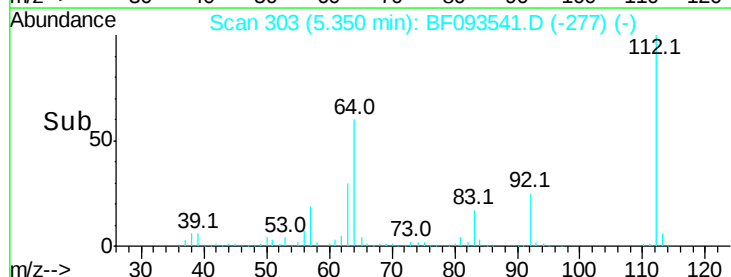
63 30.1 23.8 35.6

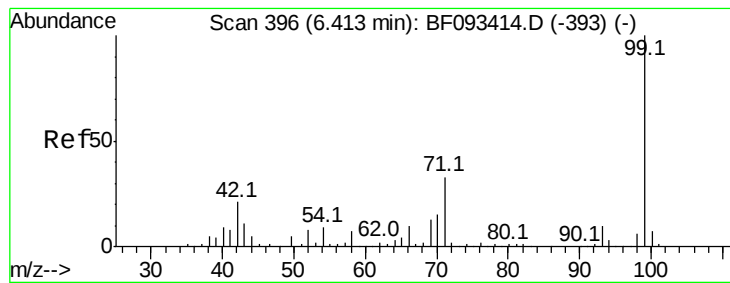


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 13.30 ng

RT: 6.40 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF093541.D

Acq: 11 Mar 2017 00:05

Instrument :

BNA_F

ClientSampleId :

W-24

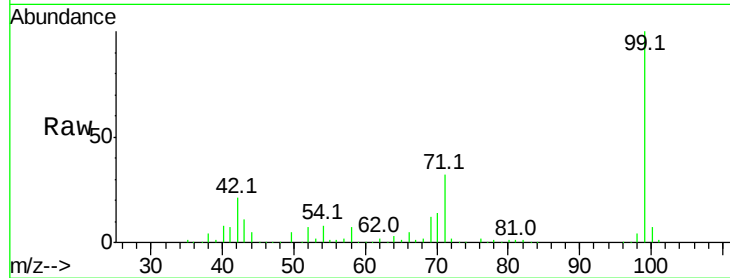
Tot Ion: 99 Resp: 633656

Ion Ratio Lower Upper

99 100

42 21.0 15.6 23.4

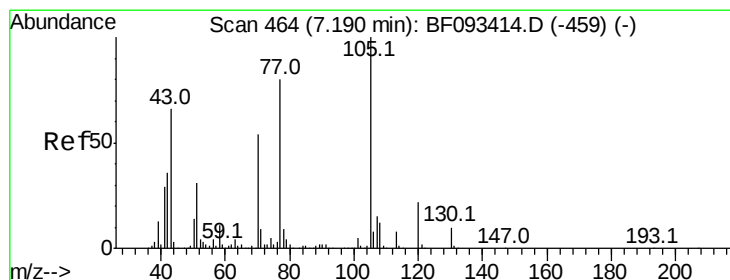
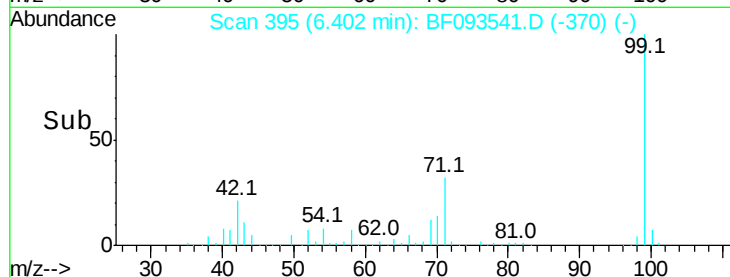
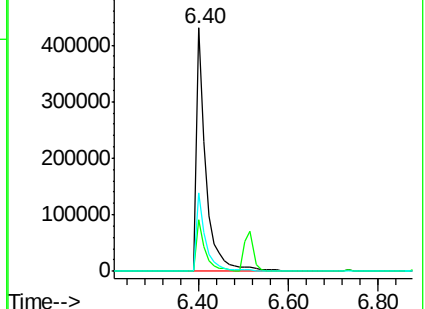
71 32.2 27.5 41.3



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: 5.31 ng

RT: 7.32 min Scan# 475

Delta R.T. 0.13 min

Lab File: BF093541.D

Acq: 11 Mar 2017 00:05

Tgt Ion: 70 Resp: 173772

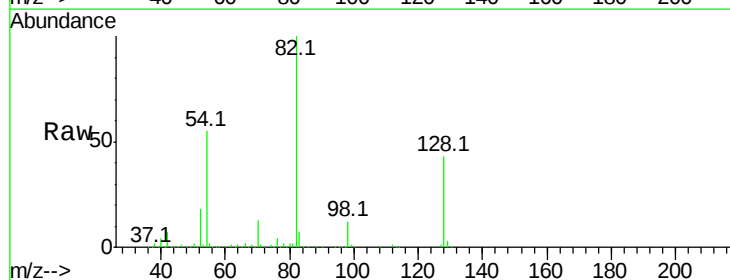
Ion Ratio Lower Upper

70 100

42 51.3 49.4 74.0

101 0.0 7.4 11.2#

130 2.2 14.2 21.4#

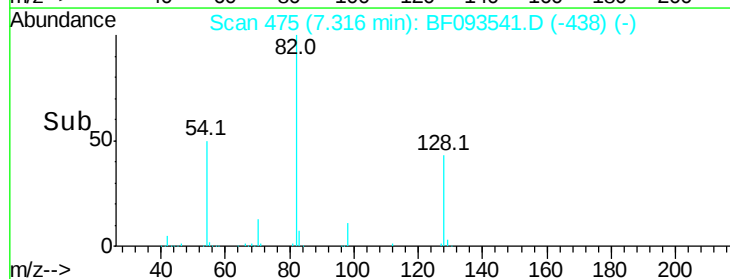
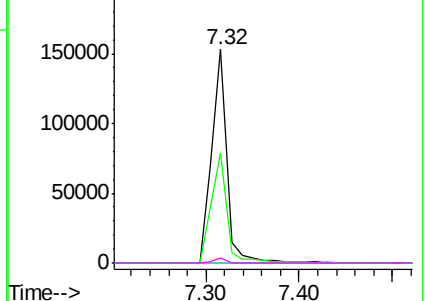


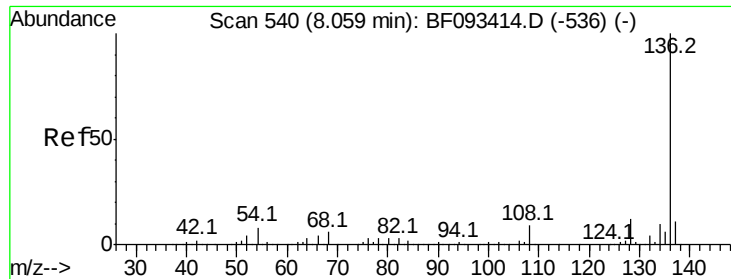
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

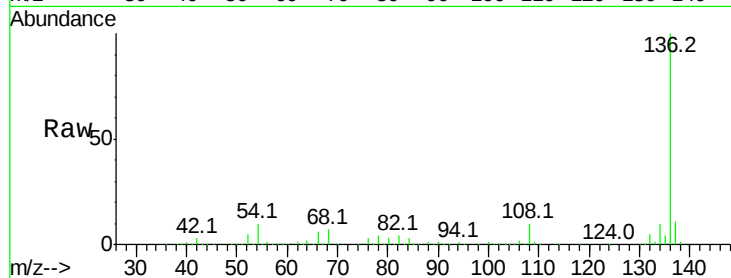




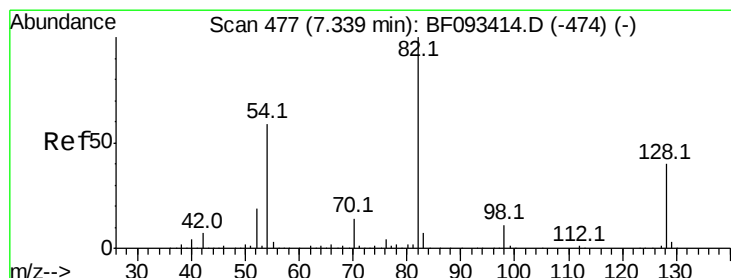
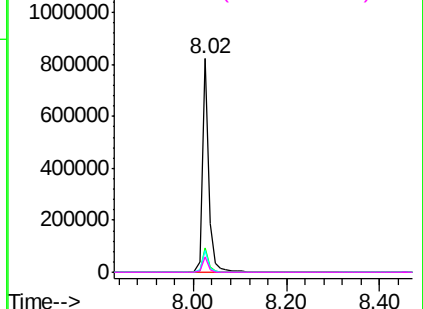
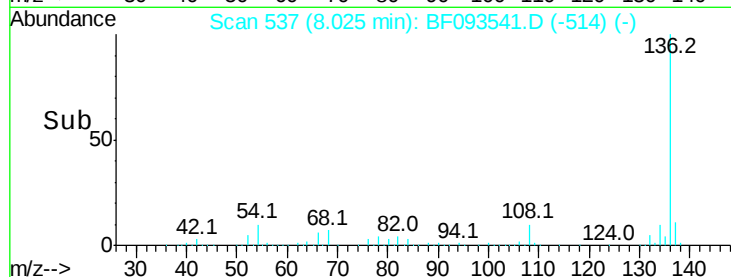
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF093541.D
Acq: 11 Mar 2017 00:05

Instrument :
BNA_F
ClientSampleId :
W-24

Tot Ion:136	Resp:	780863
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.4 12.6
54	10.4	4.5 6.7#
68	7.1	3.6 5.4#

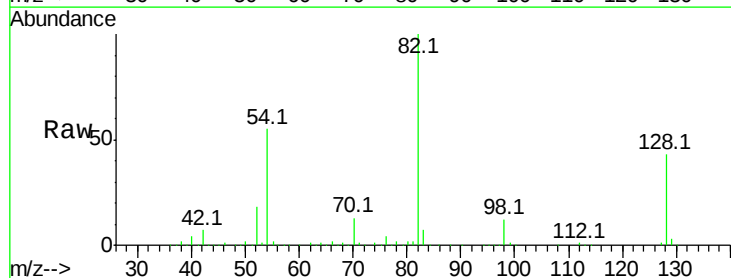


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

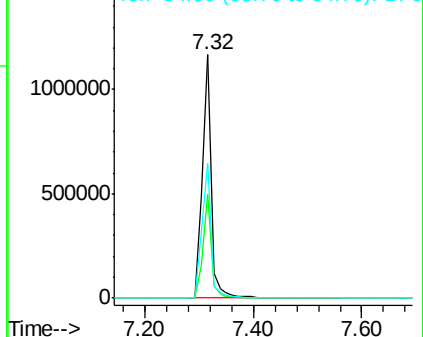
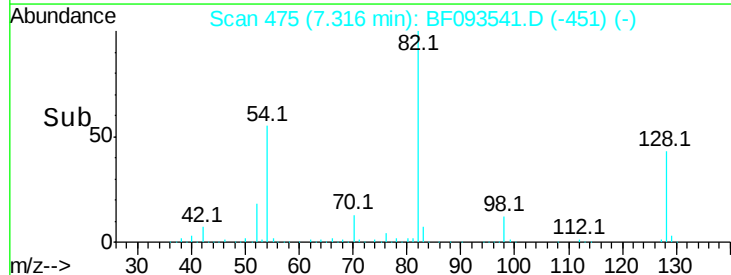


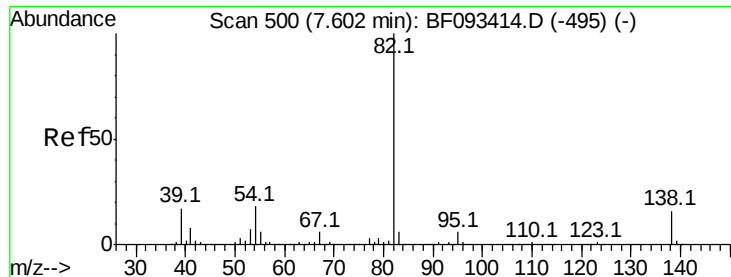
#23
Nitrobenzene-d5
Concen: 92.61 ng
RT: 7.32 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF093541.D
Acq: 11 Mar 2017 00:05

Tgt Ion: 82	Resp:	1303370
Ion	Ratio	Lower Upper
82	100	
128	43.0	34.6 52.0
54	55.2	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: 45.98 ng

RT: 7.32 min Scan# 475

Delta R.T. -0.29 min

Lab File: BF093541.D

Acq: 11 Mar 2017 00:05

Instrument :

BNA_F

ClientSampleId :

W-24

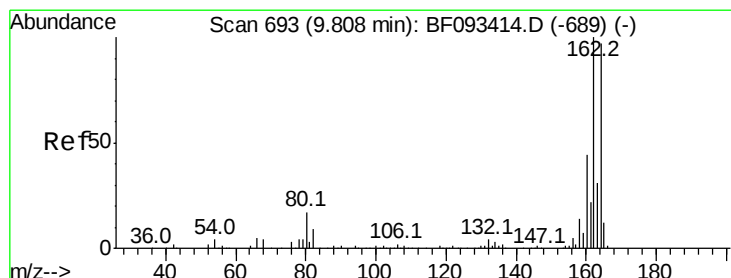
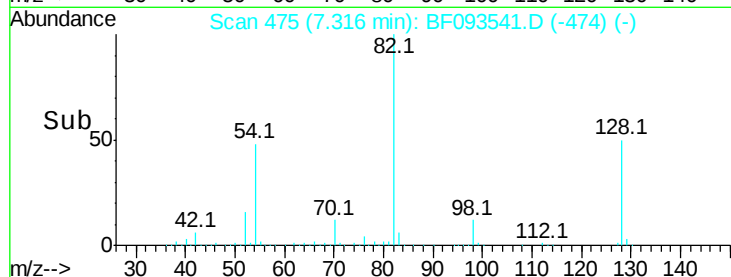
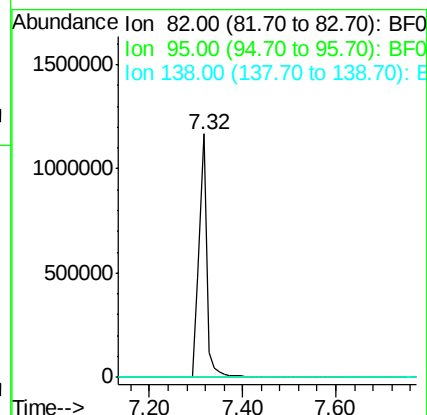
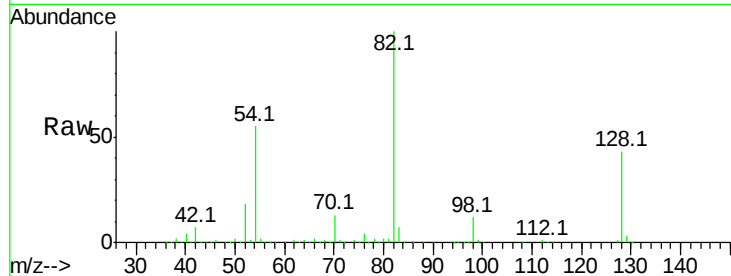
Tot Ion: 82 Resp: 1304849

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: BF093541.D

Acq: 11 Mar 2017 00:05

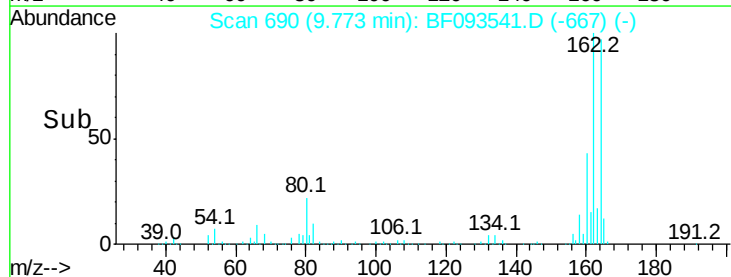
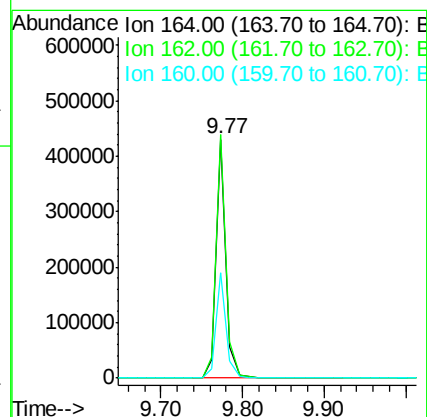
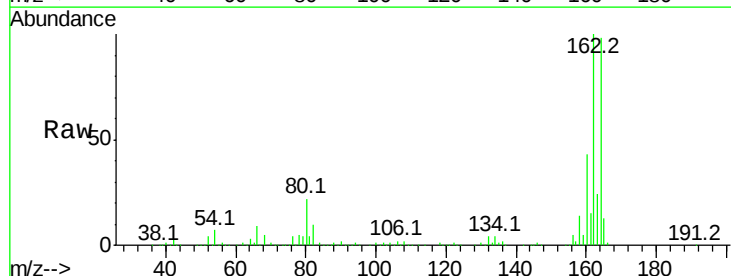
Tgt Ion:164 Resp: 363935

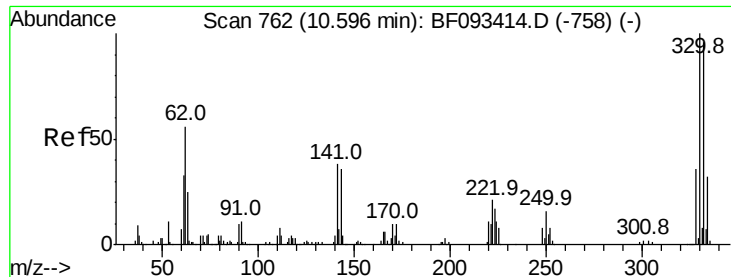
Ion Ratio Lower Upper

164 100

162 102.1 80.2 120.2

160 44.3 36.9 55.3

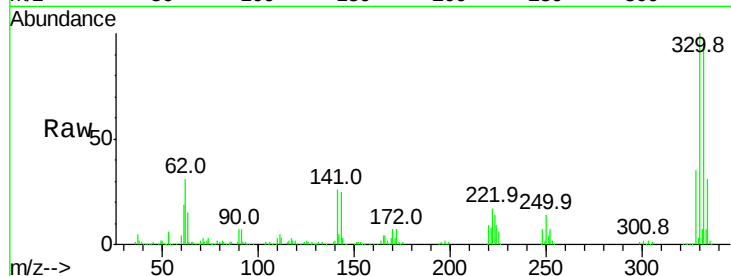




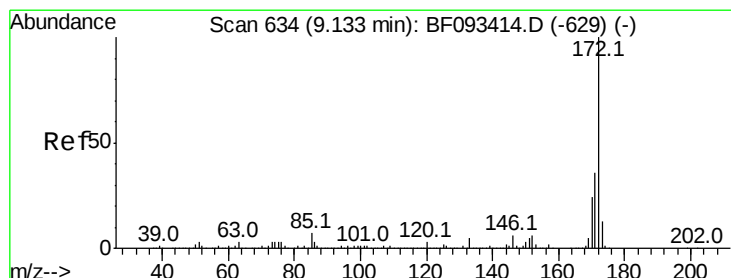
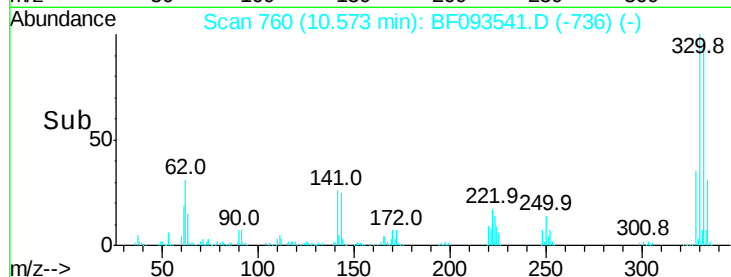
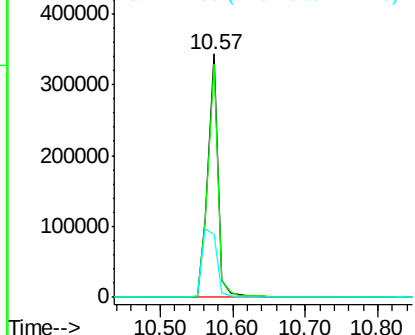
#41
 2,4,6-Tribromophenol
 Concen: 144.50 ng
 RT: 10.57 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: BF093541.D
 Acq: 11 Mar 2017 00:05

Instrument :
 BNA_F
 ClientSampleId :
 W-24

Tot Ion:330 Resp: 342615
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.4 116.2
 141 40.3 34.1 51.1

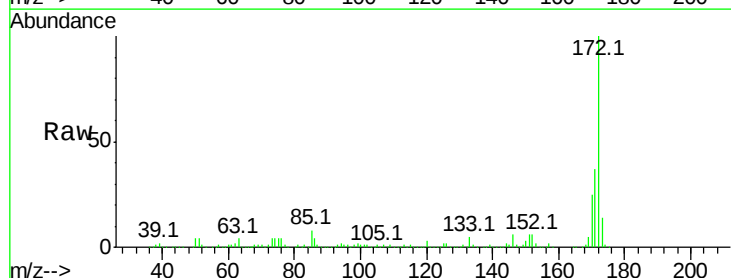


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

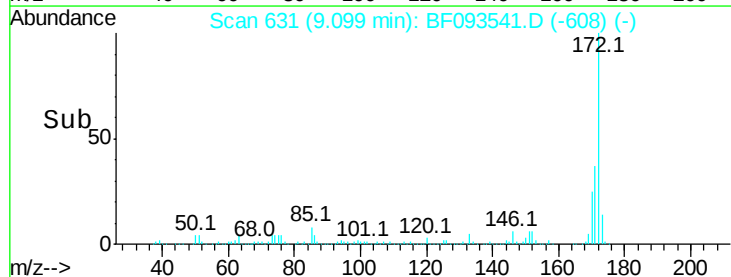
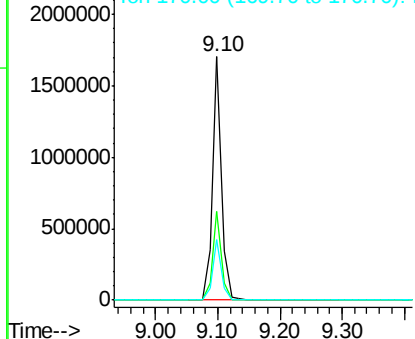


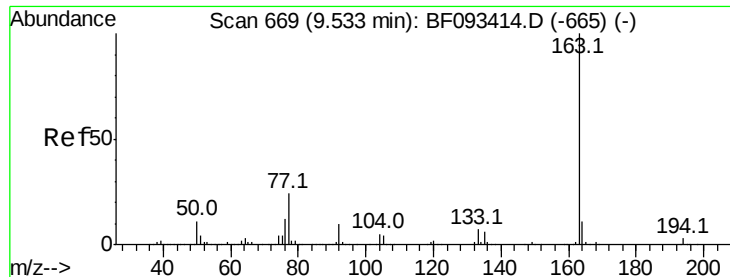
#44
 2-Fluorobiphenyl
 Concen: 86.06 ng
 RT: 9.10 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF093541.D
 Acq: 11 Mar 2017 00:05

Tgt Ion:172 Resp: 1683864
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 24.7 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

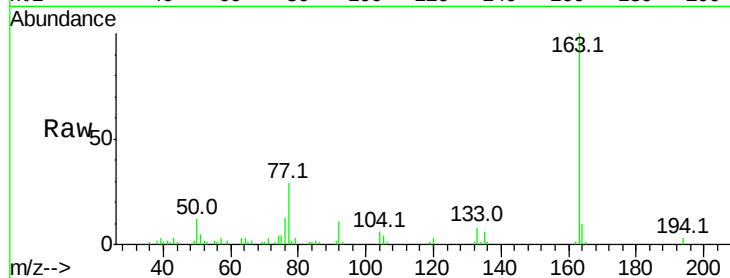




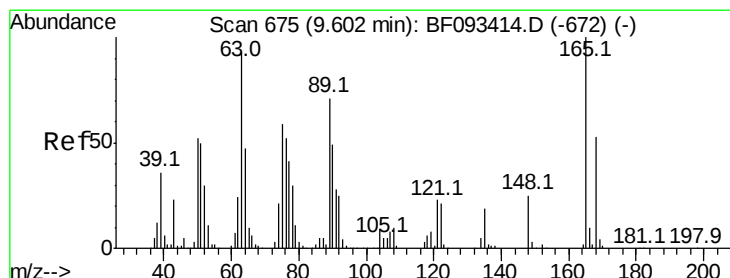
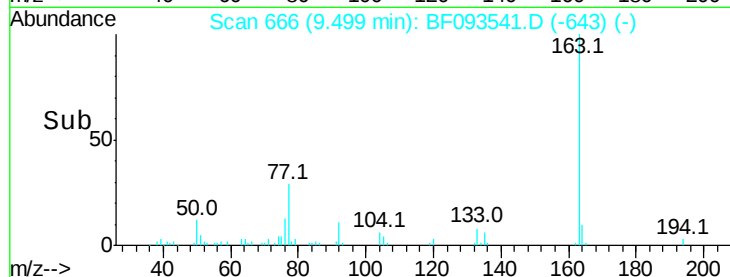
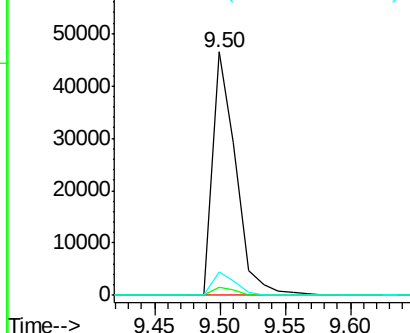
#49
Dimethylphthalate
Concen: 2.40 ng
RT: 9.50 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF093541.D
Acq: 11 Mar 2017 00:05

Instrument :
BNA_F
ClientSampleId :
W-24

Tot Ion:163 Resp: 57888
Ion Ratio Lower Upper
163 100
194 3.1 3.0 4.4
164 9.8 8.0 12.0

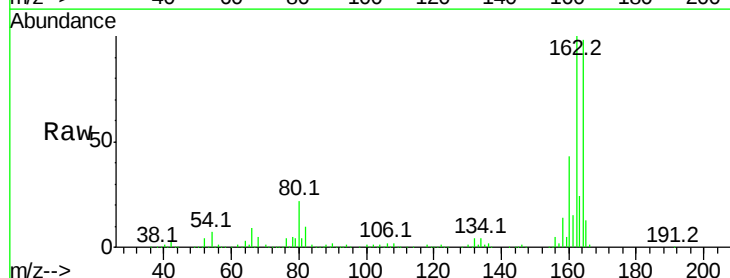


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

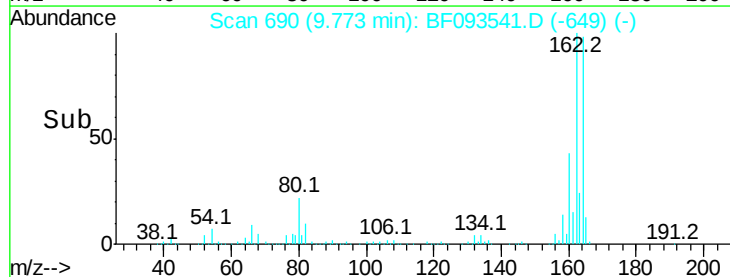
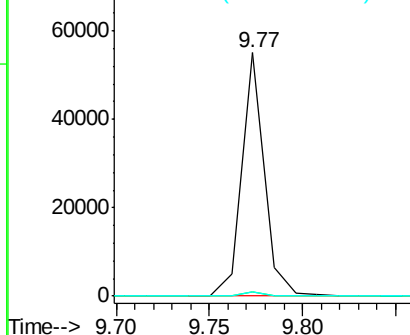


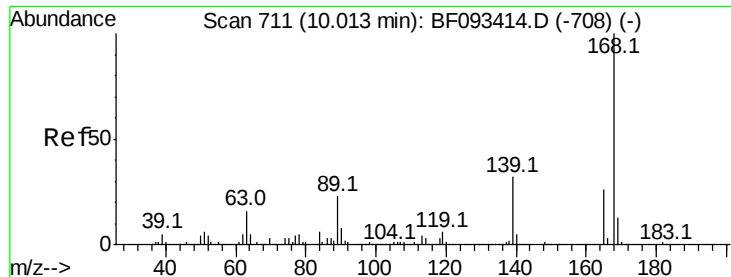
#50
2,6-Dinitrotoluene
Concen: 8.76 ng
RT: 9.77 min Scan# 690
Delta R.T. 0.17 min
Lab File: BF093541.D
Acq: 11 Mar 2017 00:05

Tgt Ion:165 Resp: 46356
Ion Ratio Lower Upper
165 100
63 1.9 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

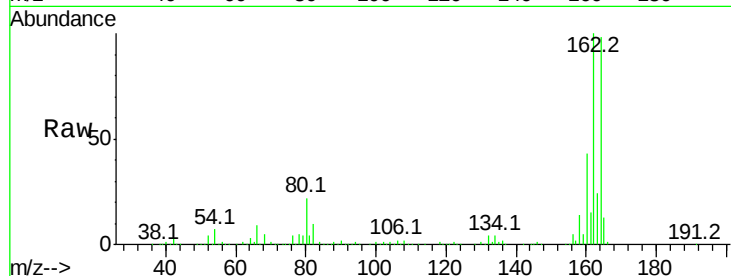




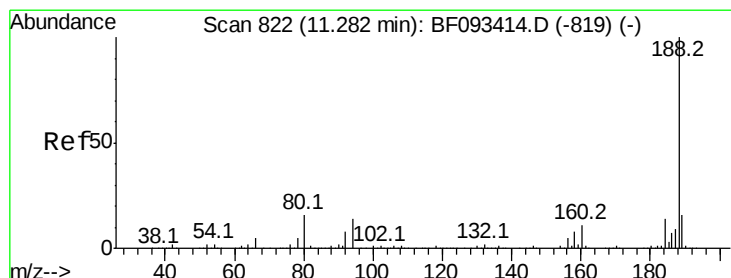
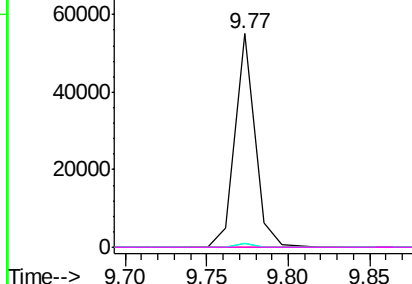
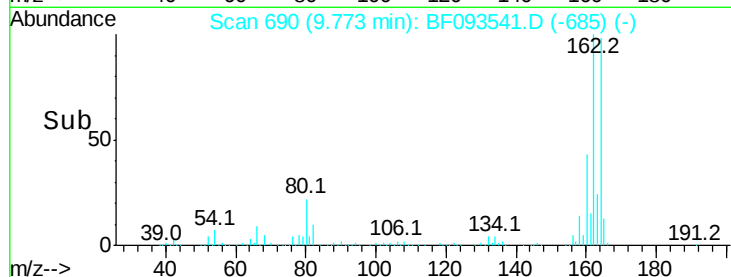
#56
 2,4-Dinitrotoluene
 Concen: 7.13 ng
 RT: 9.77 min Scan# 690
 Delta R.T. -0.24 min
 Lab File: BF093541.D
 Acq: 11 Mar 2017 00:05

Instrument :
 BNA_F
 ClientSampleId :
 W-24

Tot Ion:165 Resp: 46348
 Ion Ratio Lower Upper
 165 100
 63 1.9 40.2 60.4#
 89 1.6 62.5 93.7#
 182 0.0 1.8 2.8#

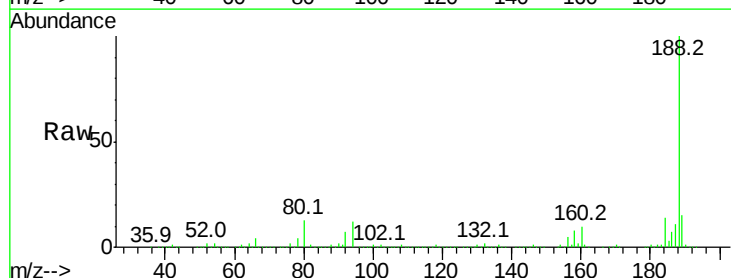


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

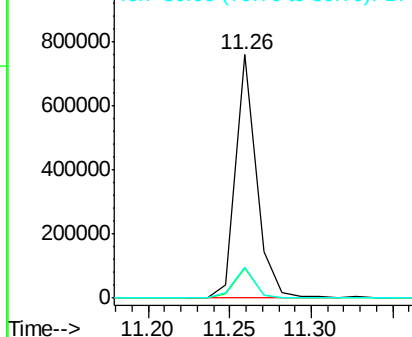
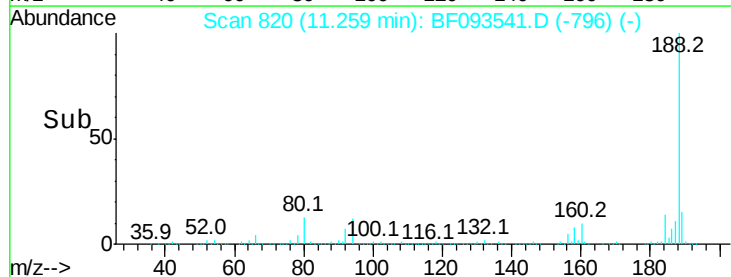


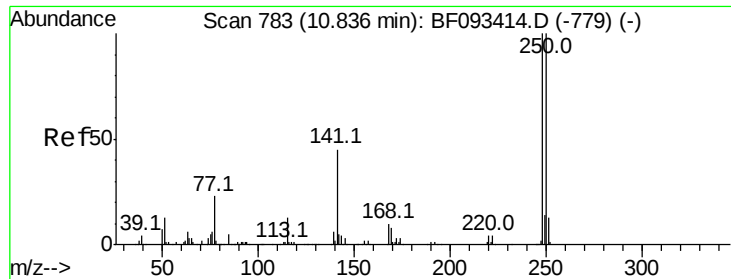
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 820
 Delta R.T. -0.02 min
 Lab File: BF093541.D
 Acq: 11 Mar 2017 00:05

Tgt Ion:188 Resp: 667838
 Ion Ratio Lower Upper
 188 100
 94 12.2 10.0 15.0
 80 13.0 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

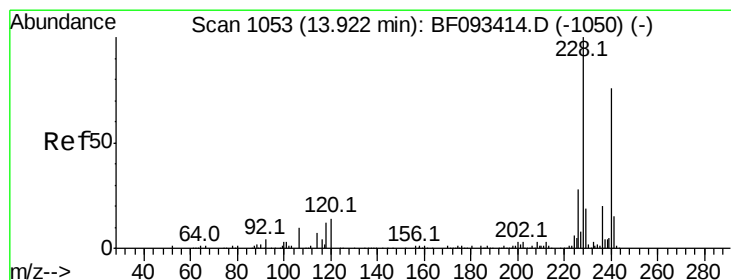
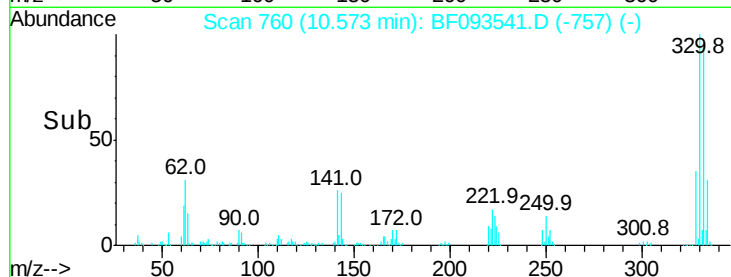
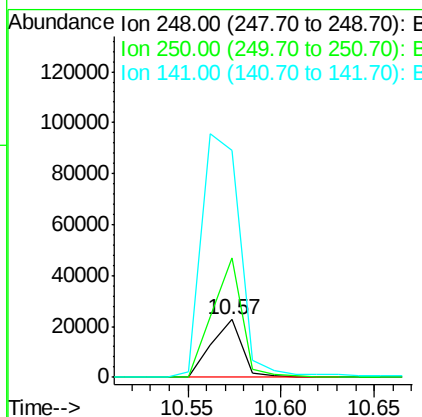
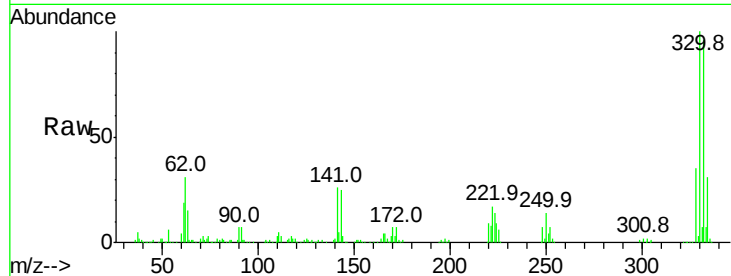




#66
 4-Bromophenyl-phenylether
 Concen: 3.64 ng
 RT: 10.57 min Scan# 760
 Delta R.T. -0.26 min
 Lab File: BF093541.D
 Acq: 11 Mar 2017 00:05

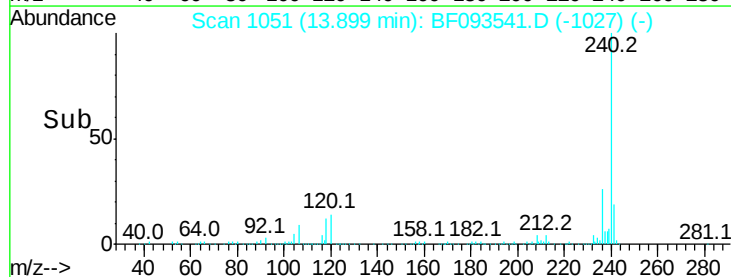
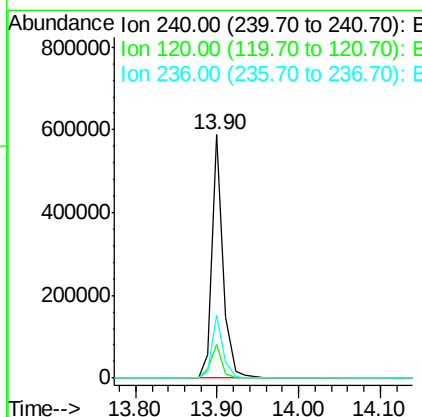
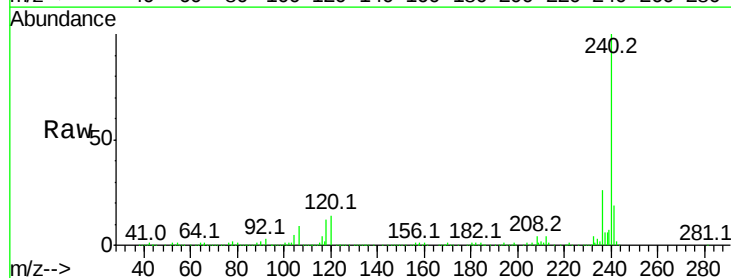
Instrument :
 BNA_F
 ClientSampleId :
 W-24

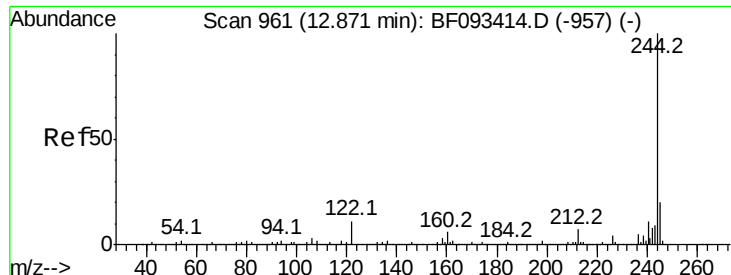
Tot Ion:248 Resp: 25723
 Ion Ratio Lower Upper
 248 100
 250 206.7 76.9 115.3#
 141 392.3 68.2 102.4#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.90 min Scan# 1051
 Delta R.T. -0.02 min
 Lab File: BF093541.D
 Acq: 11 Mar 2017 00:05

Tgt Ion:240 Resp: 567304
 Ion Ratio Lower Upper
 240 100
 120 13.8 12.9 19.3
 236 26.2 20.9 31.3





#78

Terphenyl-d14

Concen: 79.33 ng

RT: 12.85 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF093541.D

Acq: 11 Mar 2017 00:05

Instrument :

BNA_F

ClientSampleId :

W-24

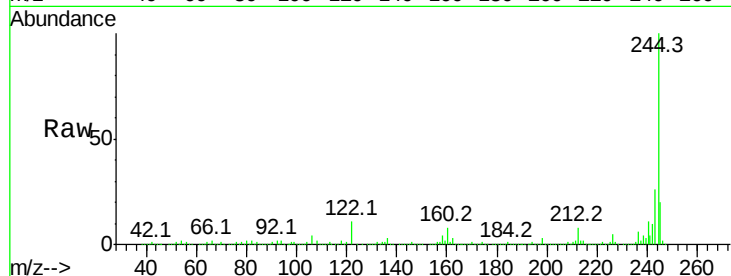
Tot Ion:244 Resp: 1730947

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

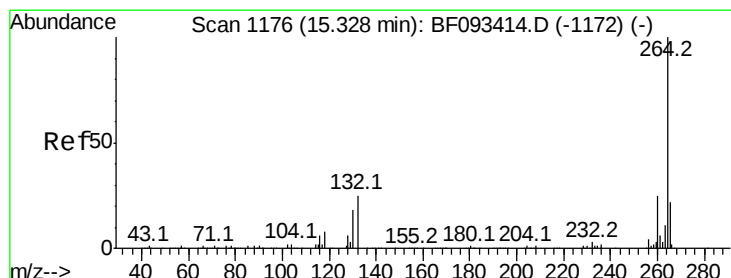
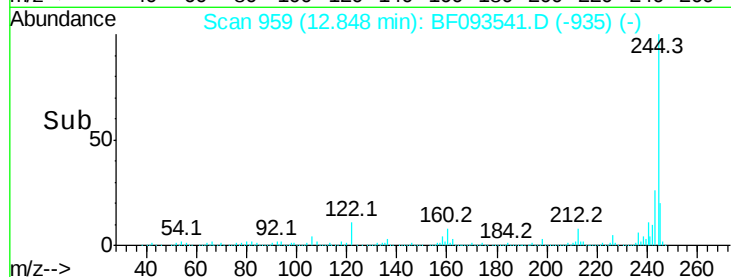
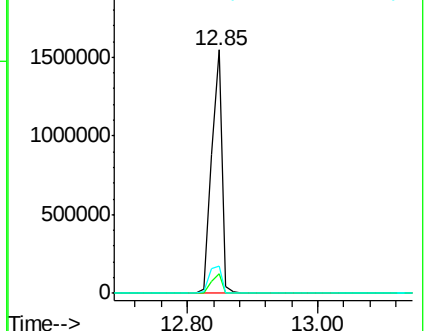
122 11.4 11.4 17.2



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

Perylene-d12

Concen: 20.00 ng

RT: 15.31 min Scan# 1174

Delta R.T. -0.02 min

Lab File: BF093541.D

Acq: 11 Mar 2017 00:05

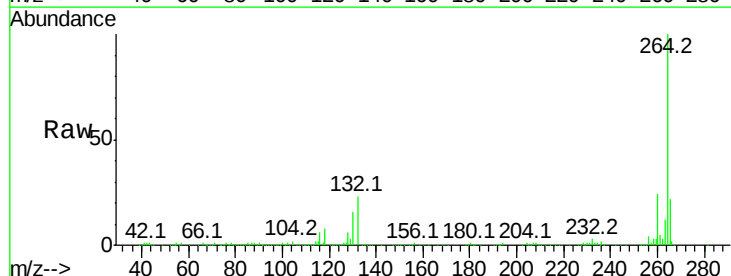
Tgt Ion:264 Resp: 412293

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 22.1 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

