

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033017\
 Data File : BF094075.D
 Acq On : 30 Mar 2017 23:11
 Operator : SJ/MA
 Sample : I2417-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-2(3.5-4)

Quant Time: Mar 31 01:53:19 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

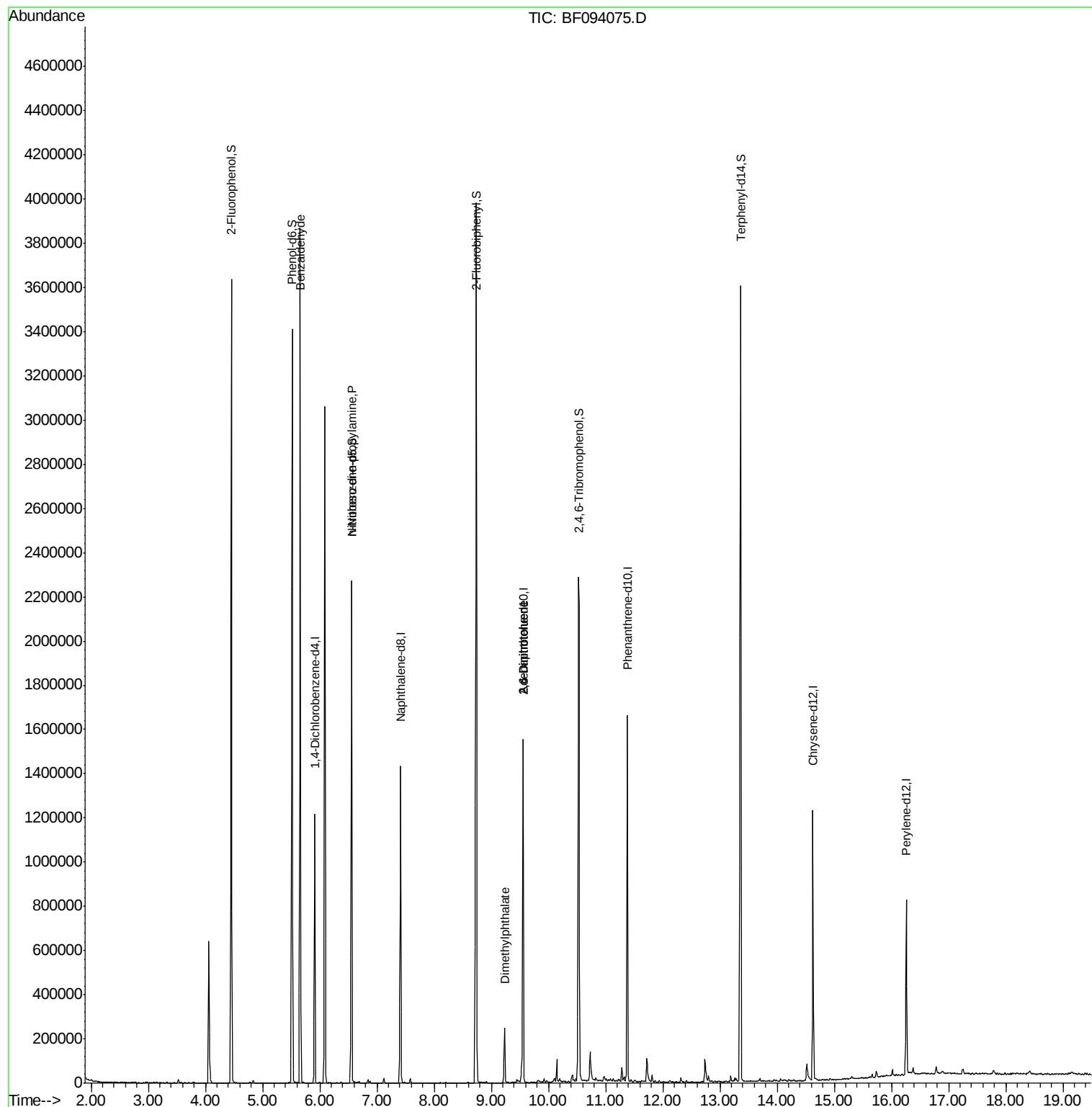
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.91	152	191642	20.00	ng	-0.04
21) Naphthalene-d8	7.41	136	785744	20.00	ng	-0.05
38) Acenaphthene-d10	9.56	164	378916	20.00	ng	-0.04
63) Phenanthrene-d10	11.38	188	666547	20.00	ng	-0.04
75) Chrysene-d12	14.63	240	485742	20.00	ng	-0.05
86) Perylene-d12	16.26	264	333594	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	4.46	112	1158106	102.07	ng	-0.02
7) Phenol-d6	5.52	99	1495552	106.55	ng	-0.03
23) Nitrobenzene-d5	6.56	82	956100	69.44	ng	-0.05
41) 2,4,6-Tribromophenol	10.53	330	337599	112.75	ng	-0.04
44) 2-Fluorobiphenyl	8.74	172	1726563	69.50	ng	-0.04
78) Terphenyl-d14	13.36	244	1369487	63.20	ng	-0.04
Target Compounds						
9) Benzaldehyde	5.66	77	26333	2.78	ng	Qvalue 81
19) n-Nitroso-di-n-propylamine	6.56	70	127040	14.08	ng	# 75
49) Dimethylphthalate	9.23	163	124395	4.62	ng	100
50) 2,6-Dinitrotoluene	9.55	165	48653	7.88	ng	# 34
56) 2,4-Dinitrotoluene	9.55	165	48666	6.27	ng	# 33

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

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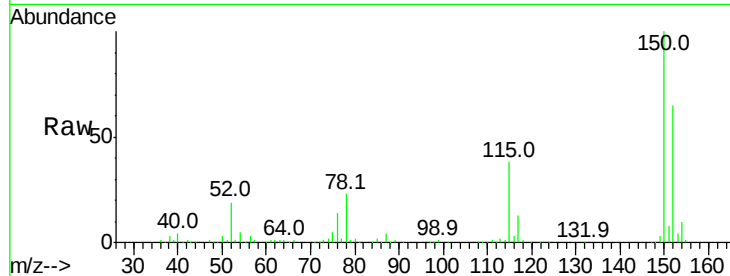


#1

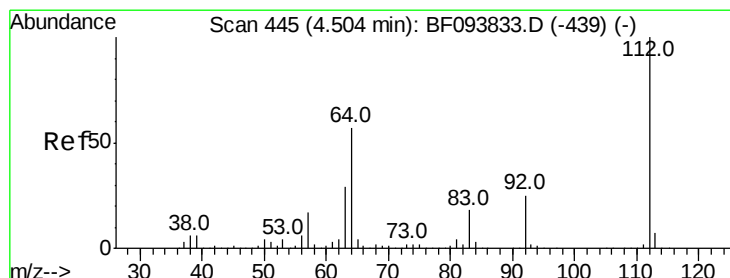
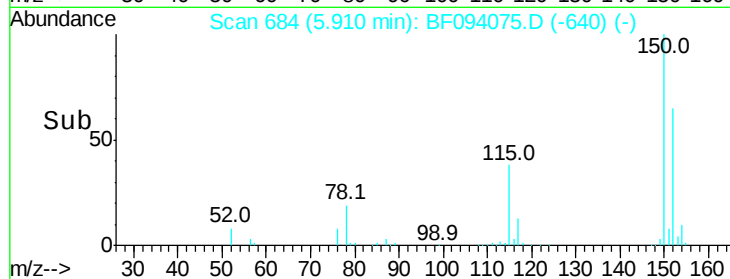
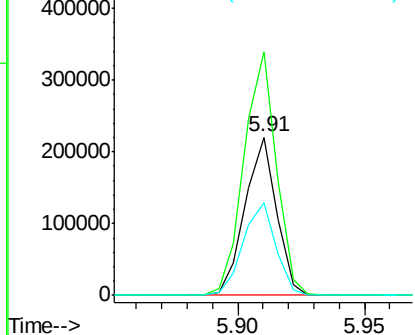
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.91 min Scan# 684
 Delta R.T. -0.04 min
 Lab File: BF094075.D
 Acq: 30 Mar 2017 23:11

Instrument :
 BNA_F
 ClientSampleId :
 SW-2(3.5-4)

Tot Ion:152 Resp: 191642
 Ion Ratio Lower Upper
 152 100
 150 154.2 126.2 189.2
 115 58.3 52.2 78.2



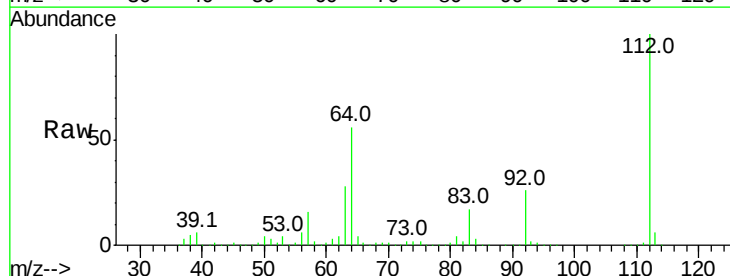
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



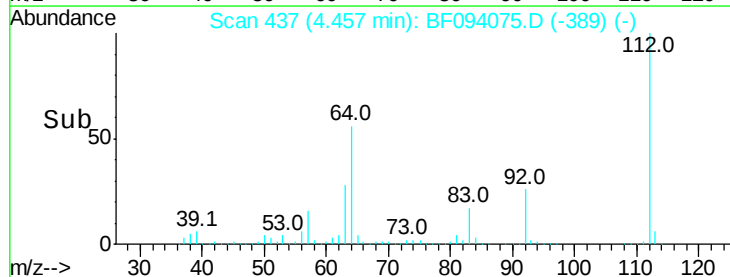
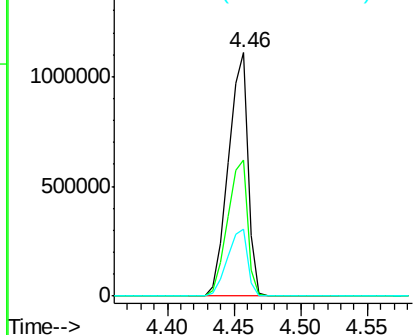
#5

2-Fluorophenol
 Concen: 102.07 ng
 RT: 4.46 min Scan# 437
 Delta R.T. -0.02 min
 Lab File: BF094075.D
 Acq: 30 Mar 2017 23:11

Tgt Ion:112 Resp: 1158106
 Ion Ratio Lower Upper
 112 100
 64 55.7 46.0 69.0
 63 27.6 23.4 35.0



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: 106.55 ng

RT: 5.52 min Scan# 618

Delta R.T. -0.03 min

Lab File: BF094075.D

Acq: 30 Mar 2017 23:11

Instrument :

BNA_F

ClientSampleId :

SW-2(3.5-4)

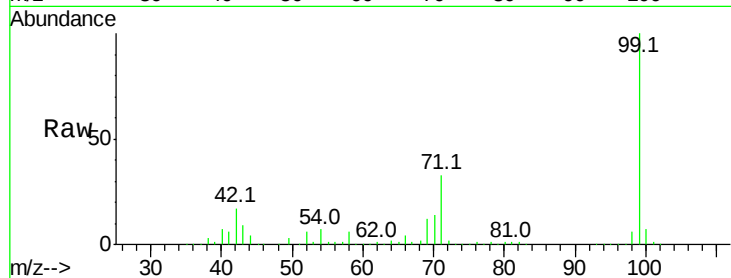
Tot Ion: 99 Resp: 1495552

Ion Ratio Lower Upper

99 100

42 17.1 13.5 20.3

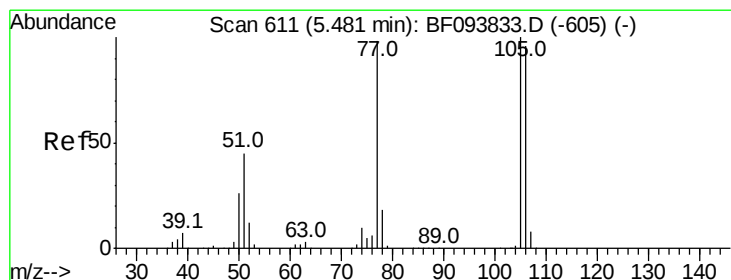
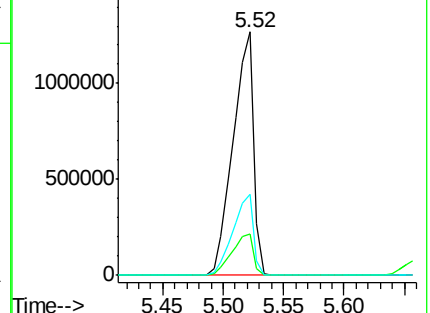
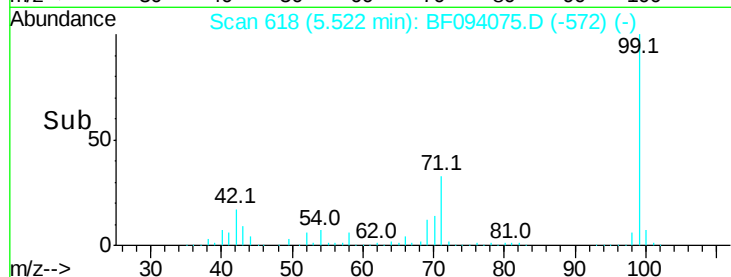
71 33.1 24.5 36.7



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



#9

Benzaldehyde

Concen: 2.78 ng

RT: 5.66 min Scan# 641

Delta R.T. 0.21 min

Lab File: BF094075.D

Acq: 30 Mar 2017 23:11

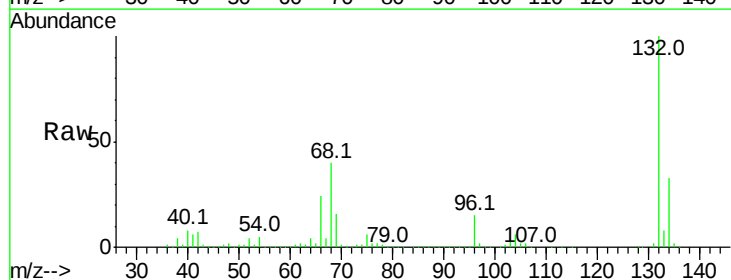
Tgt Ion: 77 Resp: 26333

Ion Ratio Lower Upper

77 100

105 84.0 83.8 123.8

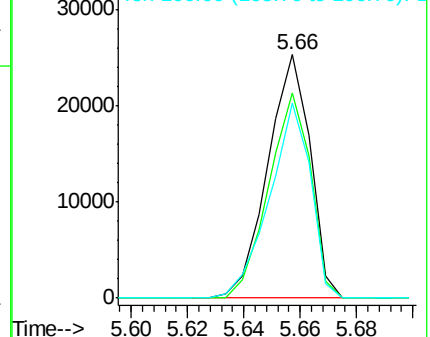
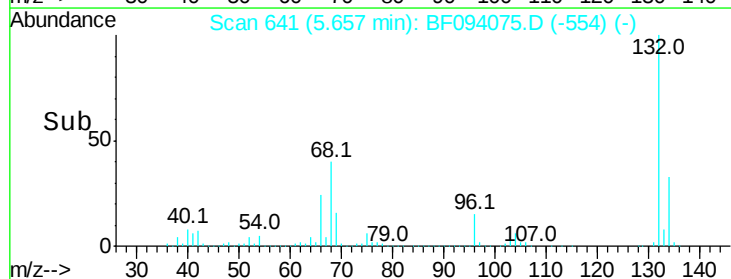
106 79.9 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 14.08 ng

RT: 6.56 min Scan# 794

Delta R.T. 0.12 min

Lab File: BF094075.D

Acq: 30 Mar 2017 23:11

Instrument :

BNA_F

ClientSampleId :

SW-2(3.5-4)

Tot Ion: 70 Resp: 127040

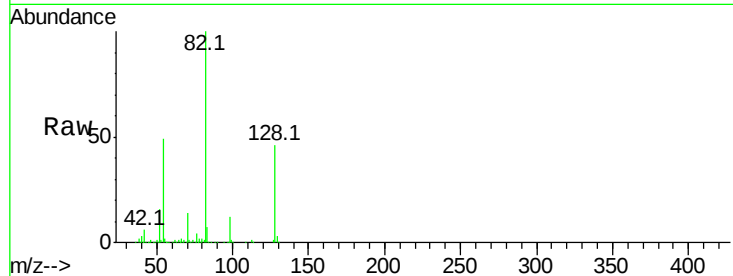
Ion Ratio Lower Upper

70 100

42 43.9 47.2 70.8#

101 0.0 7.2 10.8#

130 2.6 15.9 23.9#

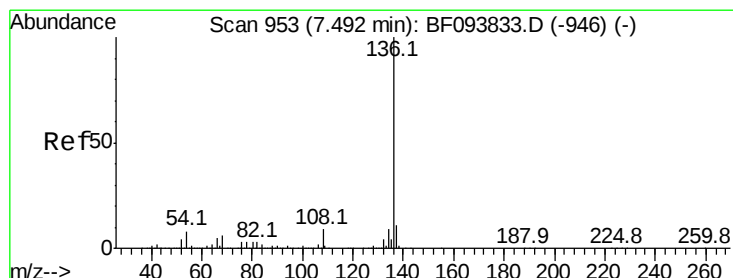
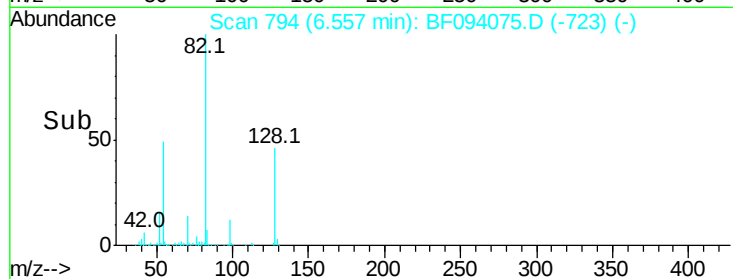
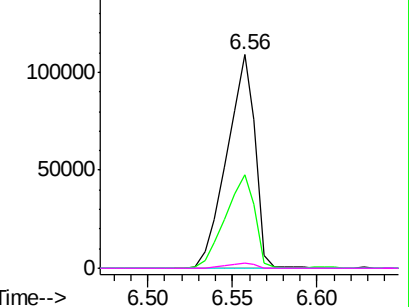


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.41 min Scan# 939

Delta R.T. -0.05 min

Lab File: BF094075.D

Acq: 30 Mar 2017 23:11

Tgt Ion: 136 Resp: 785744

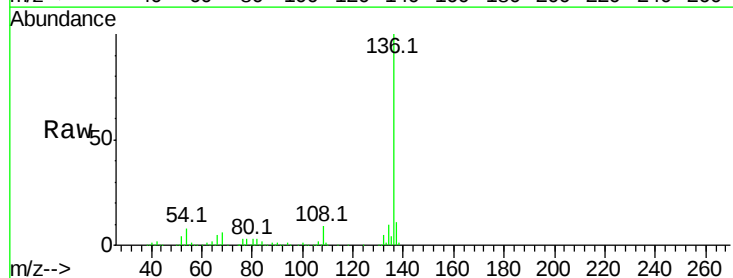
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.8 4.9 7.3#

68 6.2 4.1 6.1#

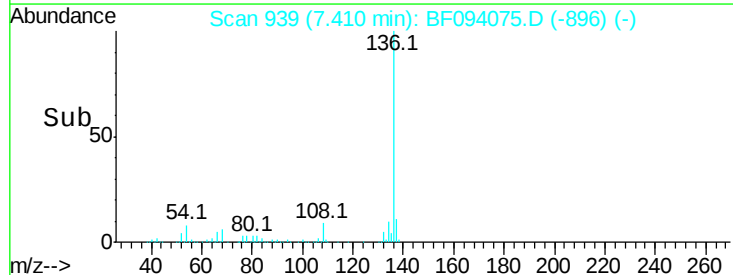
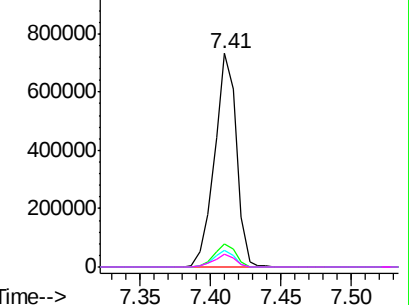


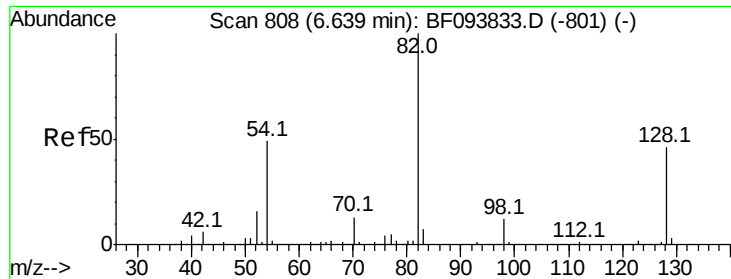
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

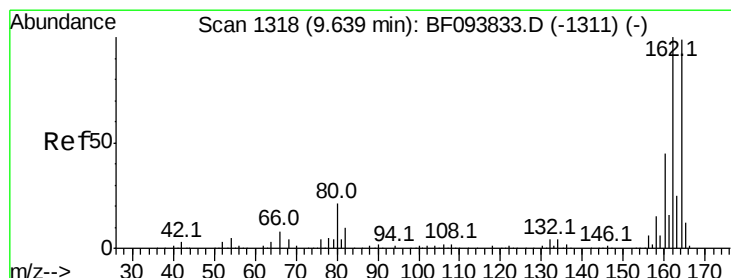
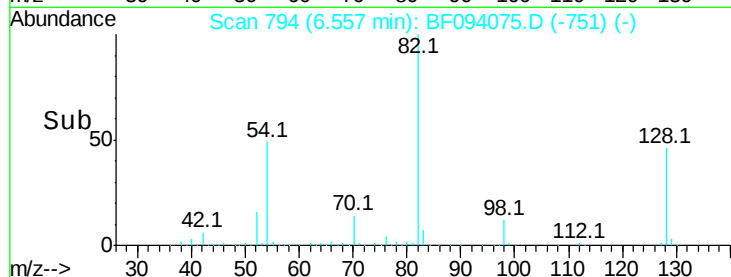
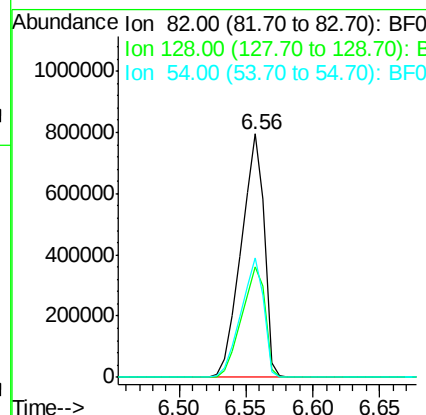
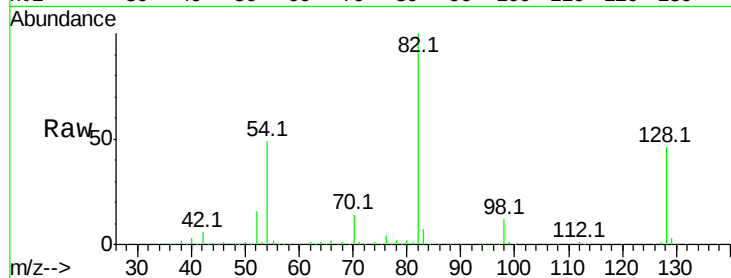




#23
 Nitrobenzene-d5
 Concen: 69.44 ng
 RT: 6.56 min Scan# 794
 Delta R.T. -0.05 min
 Lab File: BF094075.D
 Acq: 30 Mar 2017 23:11

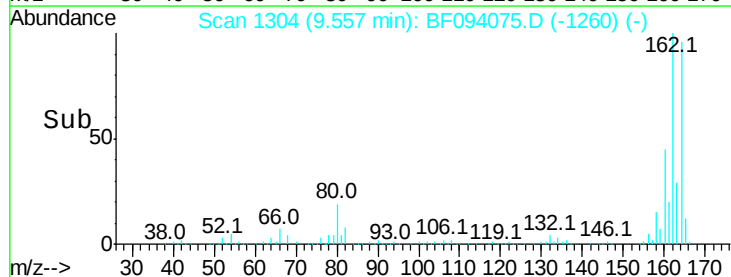
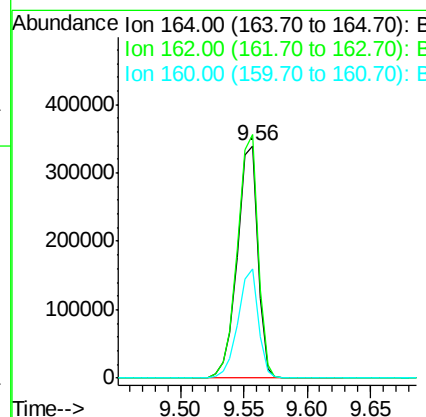
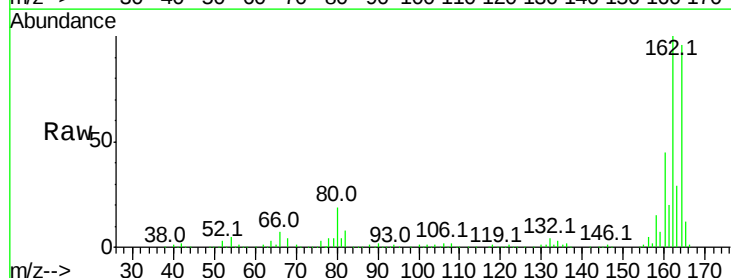
Instrument :
 BNA_F
 ClientSampleId :
 SW-2(3.5-4)

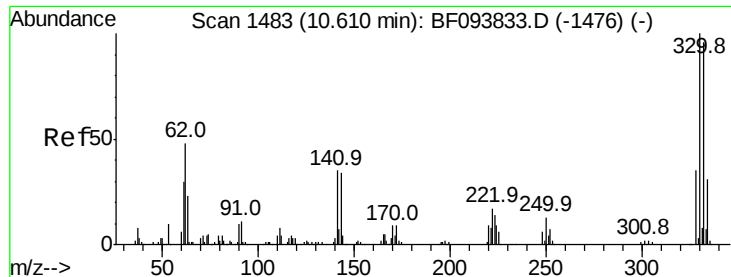
Tot Ion	82	Resp	956100
Ion Ratio	Lower	Upper	
82	100		
128	45.5	34.0	51.0
54	48.8	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.56 min Scan# 1304
 Delta R.T. -0.04 min
 Lab File: BF094075.D
 Acq: 30 Mar 2017 23:11

Tgt Ion	164	Resp	378916
Ion Ratio	Lower	Upper	
164	100		
162	104.7	82.6	123.8
160	46.9	36.2	54.2

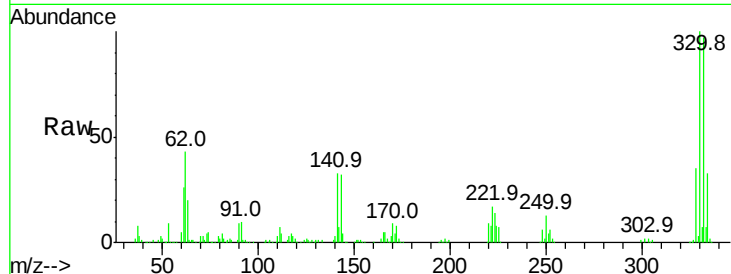




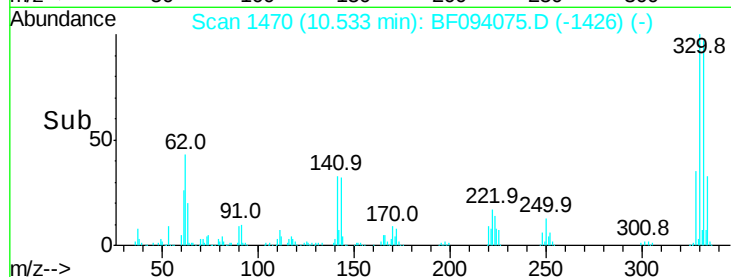
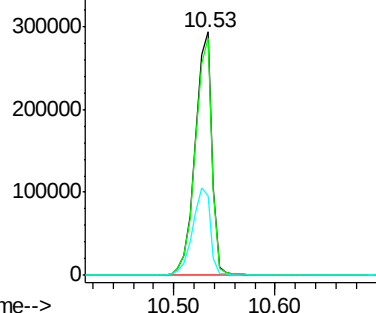
#41
 2,4,6-Tribromophenol
 Concen: 112.75 ng
 RT: 10.53 min Scan# 1470
 Delta R.T. -0.04 min
 Lab File: BF094075.D
 Acq: 30 Mar 2017 23:11

Instrument :
 BNA_F
 ClientSampleId :
 SW-2(3.5-4)

Tot Ion:330 Resp: 337599
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 115.0
 141 38.1 31.4 47.2

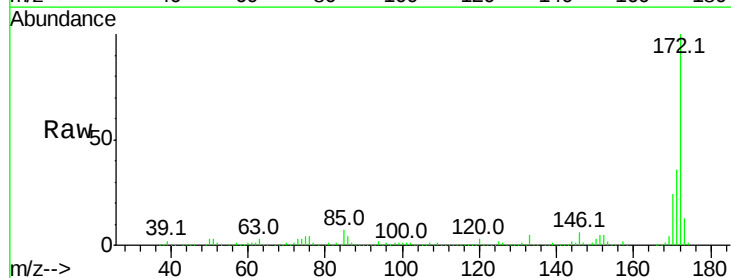


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

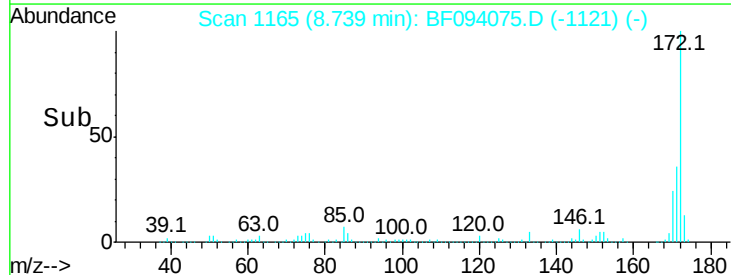
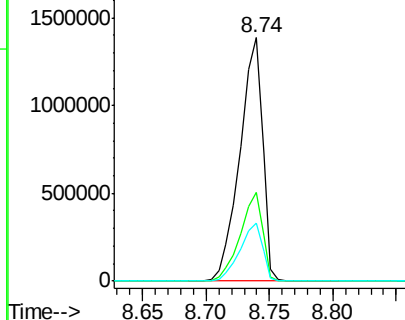


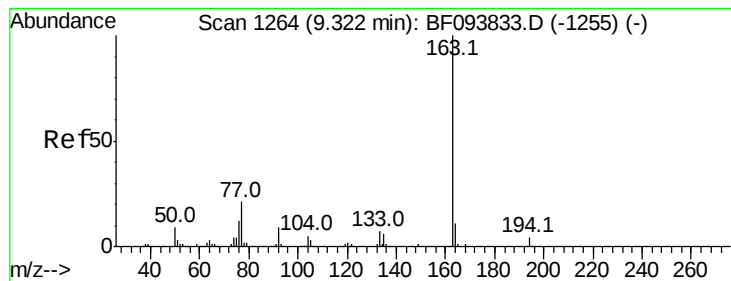
#44
 2-Fluorobiphenyl
 Concen: 69.50 ng
 RT: 8.74 min Scan# 1165
 Delta R.T. -0.04 min
 Lab File: BF094075.D
 Acq: 30 Mar 2017 23:11

Tgt Ion:172 Resp: 1726563
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 23.7 19.8 29.8



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: 4.62 ng

RT: 9.23 min Scan# 1249

Delta R.T. -0.05 min

Lab File: BF094075.D

Acq: 30 Mar 2017 23:11

Instrument :

BNA_F

ClientSampleId :

SW-2(3.5-4)

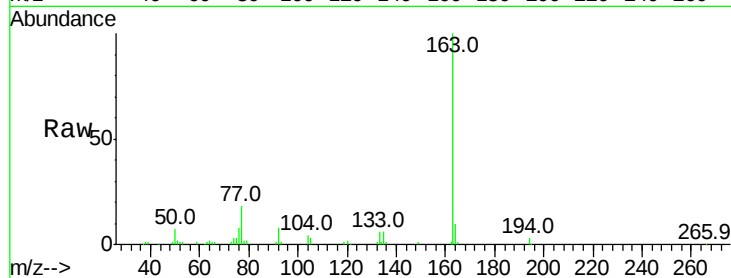
Tot Ion:163 Resp: 124395

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

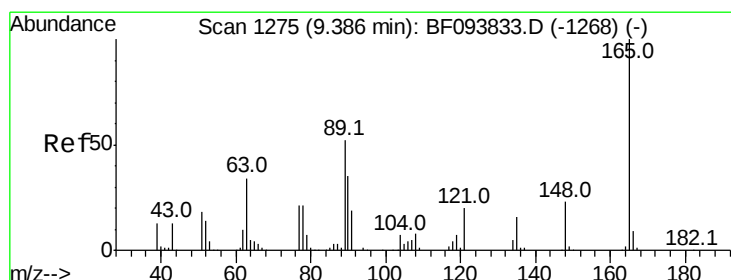
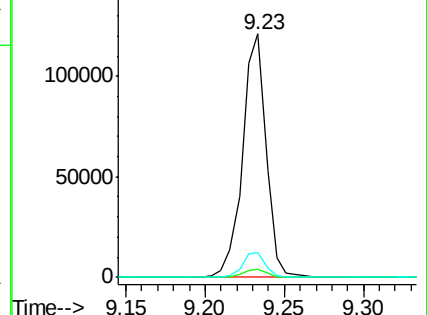
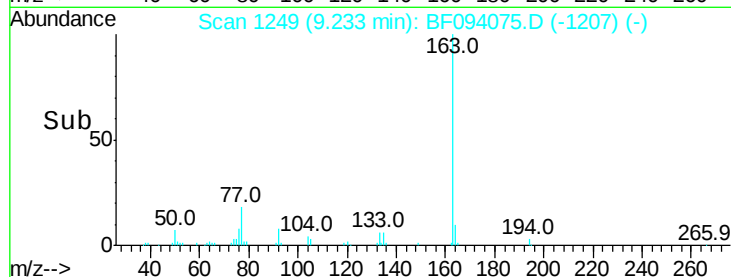
164 10.3 8.4 12.6



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: 7.88 ng

RT: 9.55 min Scan# 1303

Delta R.T. 0.20 min

Lab File: BF094075.D

Acq: 30 Mar 2017 23:11

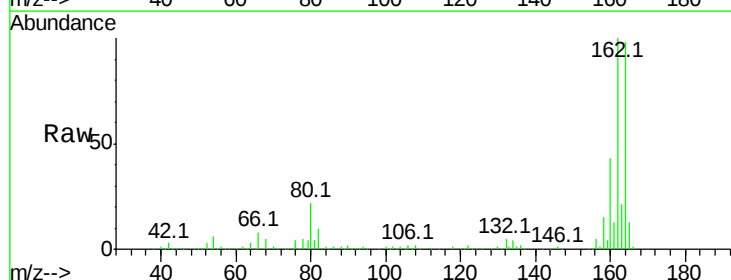
Tgt Ion:165 Resp: 48653

Ion Ratio Lower Upper

165 100

63 1.6 34.3 51.5#

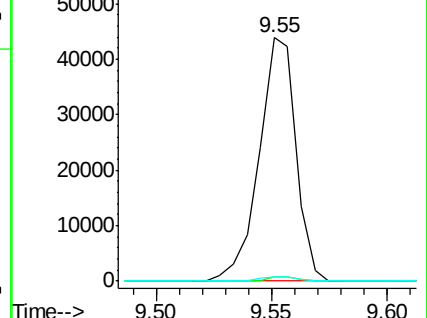
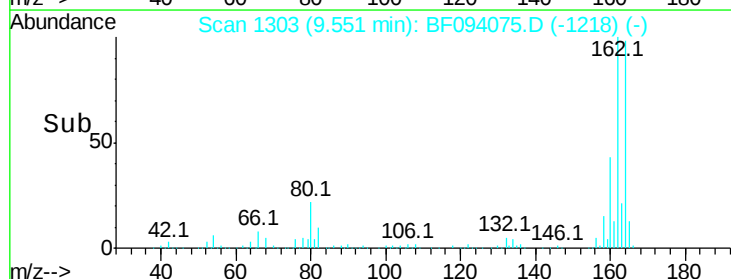
89 1.7 37.1 55.7#



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

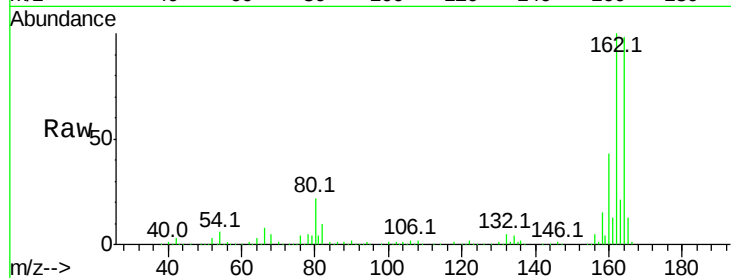




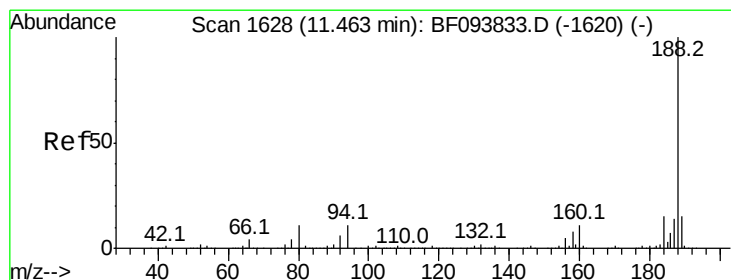
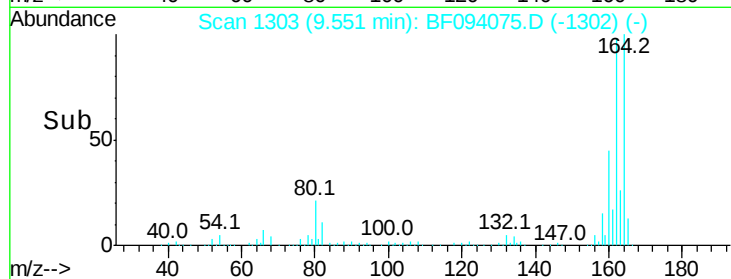
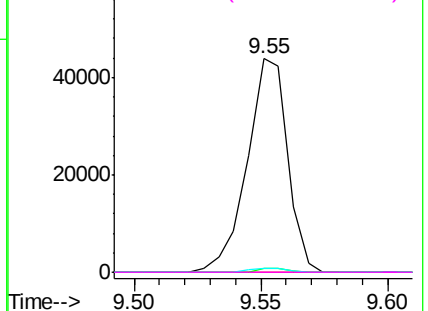
#56
 2,4-Dinitrotoluene
 Concen: 6.27 ng
 RT: 9.55 min Scan# 1303
 Delta R.T. -0.29 min
 Lab File: BF094075.D
 Acq: 30 Mar 2017 23:11

Instrument :
 BNA_F
 ClientSampleId :
 SW-2(3.5-4)

Tot Ion:165 Resp: 48666
 Ion Ratio Lower Upper
 165 100
 63 1.6 25.4 38.0#
 89 1.7 46.4 69.6#
 182 0.0 1.8 2.6#

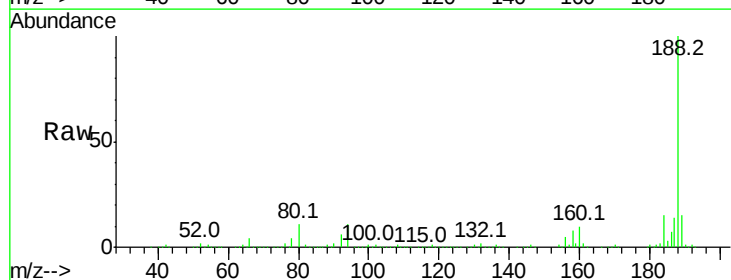


Abundance Ion 165.00 (164.70 to 165.70): E

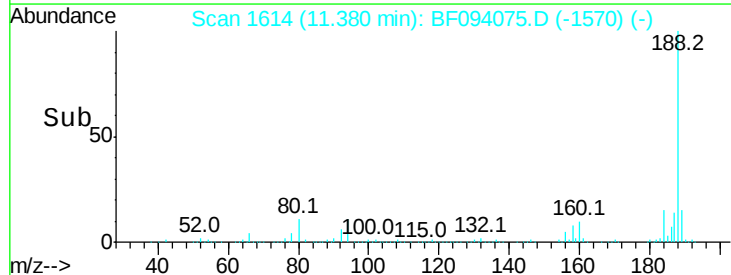
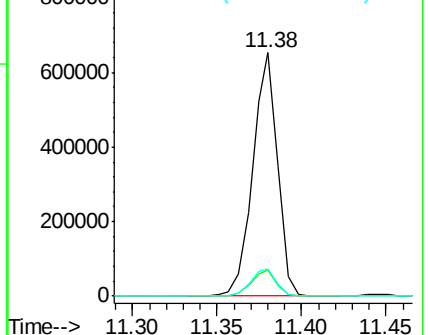


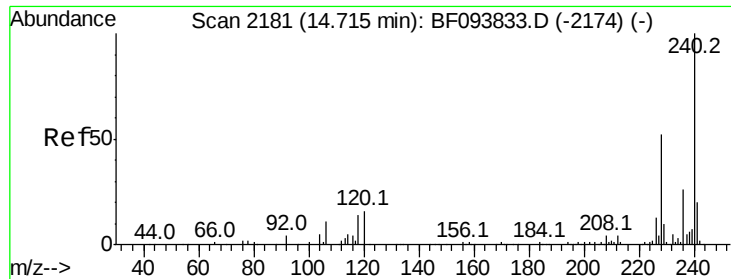
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 1614
 Delta R.T. -0.04 min
 Lab File: BF094075.D
 Acq: 30 Mar 2017 23:11

Tgt Ion:188 Resp: 666547
 Ion Ratio Lower Upper
 188 100
 94 10.9 9.4 14.2
 80 11.0 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

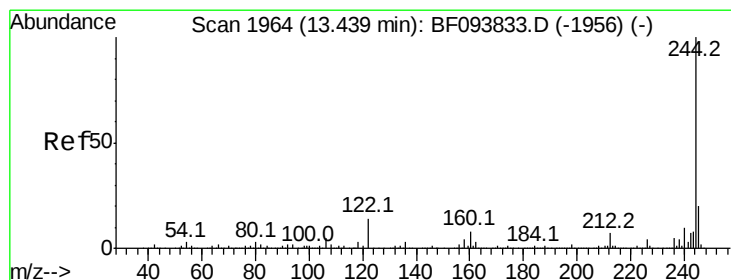
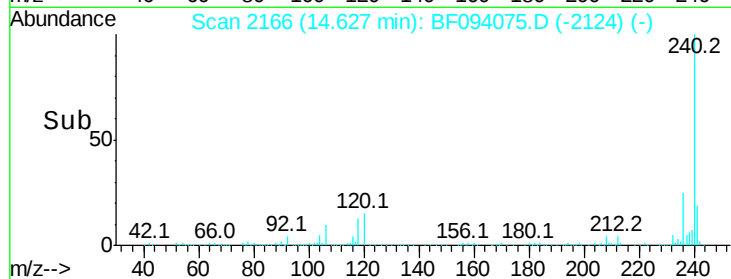
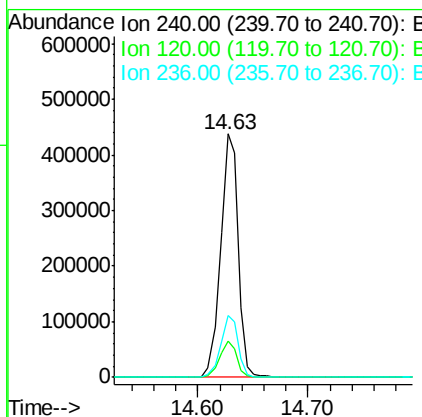
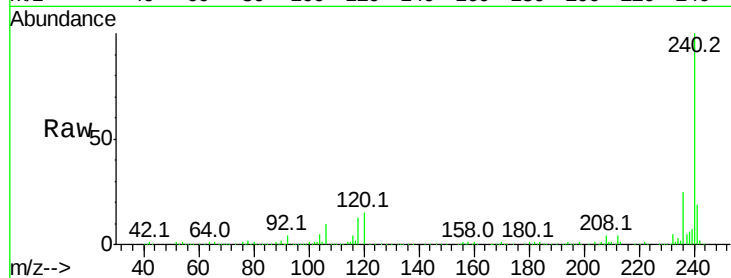




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.63 min Scan# 2166
 Delta R.T. -0.05 min
 Lab File: BF094075.D
 Acq: 30 Mar 2017 23:11

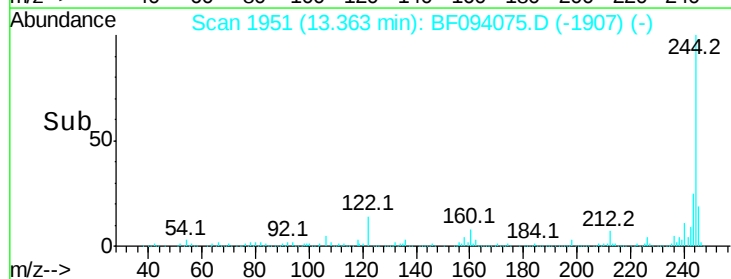
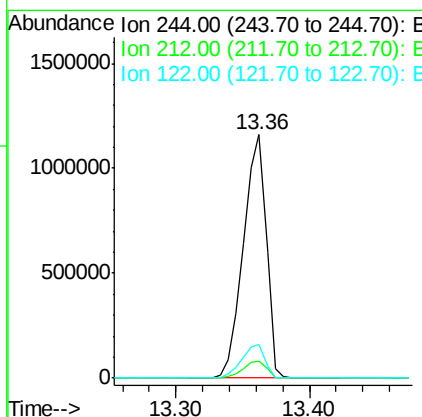
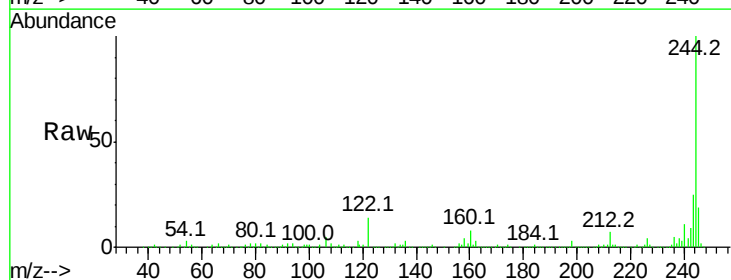
Instrument :
 BNA_F
 ClientSampleId :
 SW-2(3.5-4)

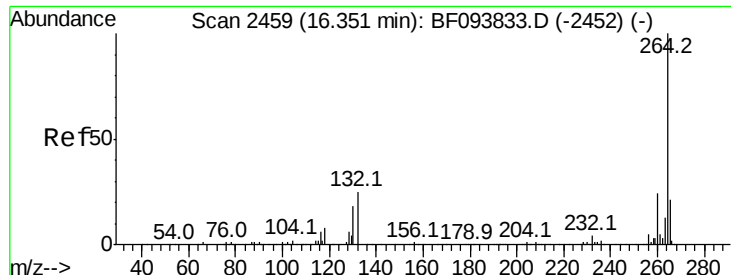
Tot Ion:240 Resp: 485742
 Ion Ratio Lower Upper
 240 100
 120 14.8 5.8 8.8#
 236 25.4 20.5 30.7



#78
 Terphenyl-d14
 Concen: 63.20 ng
 RT: 13.36 min Scan# 1951
 Delta R.T. -0.04 min
 Lab File: BF094075.D
 Acq: 30 Mar 2017 23:11

Tgt Ion:244 Resp: 1369487
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 13.6 10.3 15.5

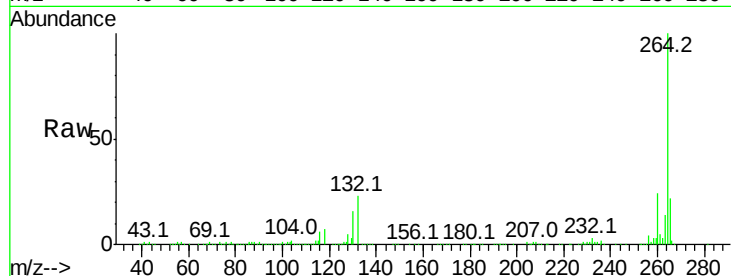




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.26 min Scan# 2444
 Delta R.T. -0.05 min
 Lab File: BF094075.D
 Acq: 30 Mar 2017 23:11

Instrument :
 BNA_F
 ClientSampleId :
 SW-2(3.5-4)

Tot Ion:264	Resp:	333594
Ion	Ratio	Lower Upper
264	100	
260	23.7	19.5 29.3
265	22.0	17.2 25.8



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

