

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 03:50:46 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

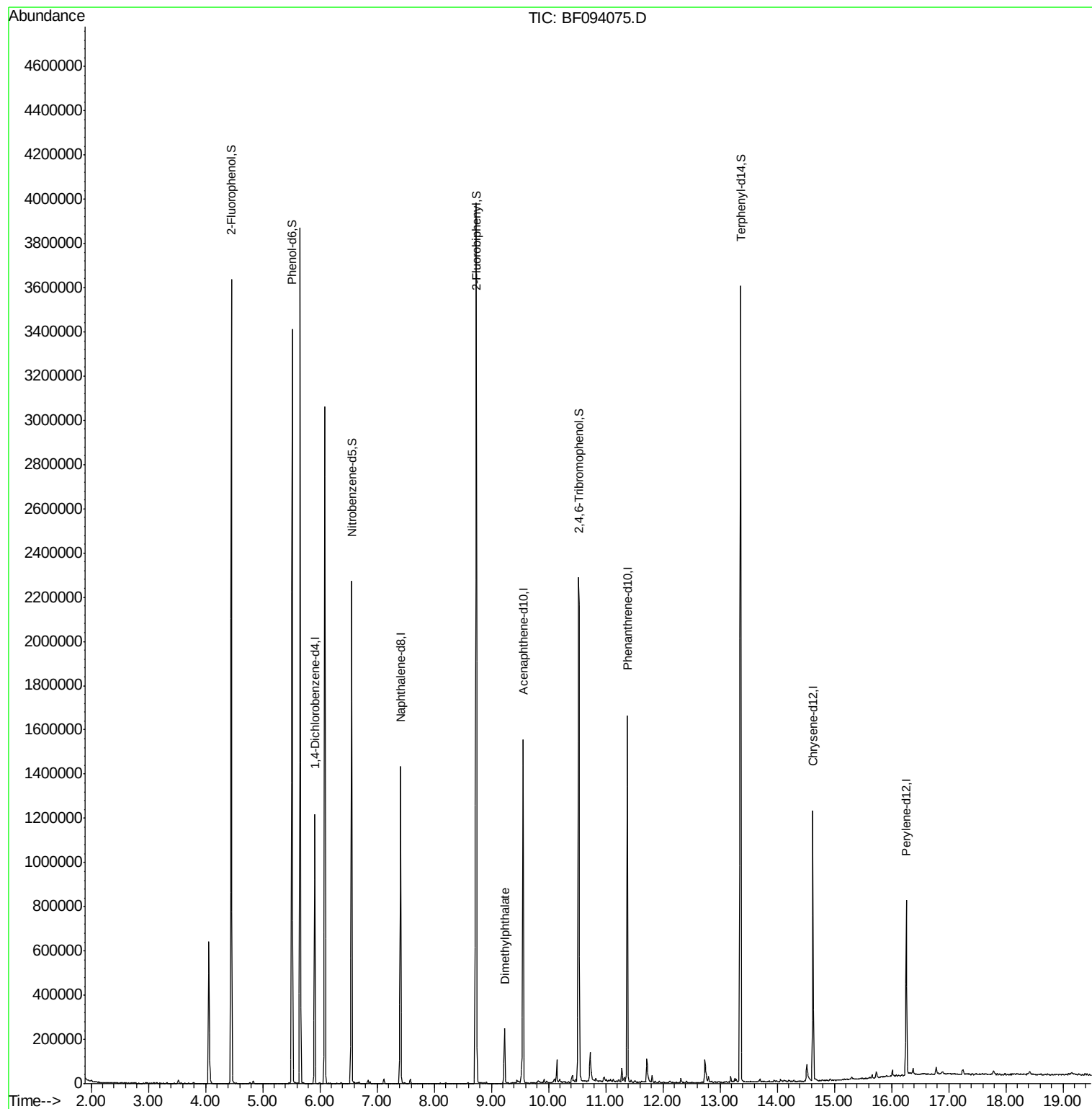
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.91	152	191642	20.00	ng	-0.04
21) Naphthalene-d8	7.41	136	785744	20.00	ng	-0.05
38) Acenaphthene-d10	9.56	164	378916	20.00	ng	-0.04
63) Phenanthrene-d10	11.38	188	666547	20.00	ng	-0.04
75) Chrysene-d12	14.63	240	485742	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						
49) Dimethylphthalate	9.23	163	124395	4.62	ng	Qvalue 100

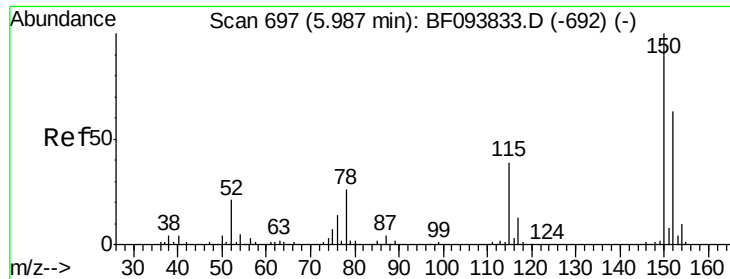
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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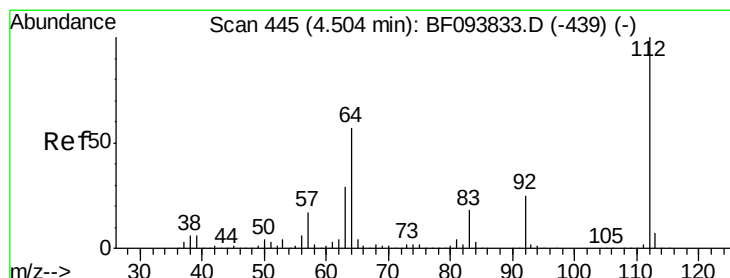
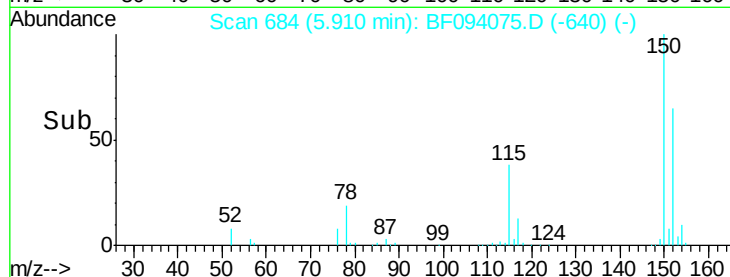
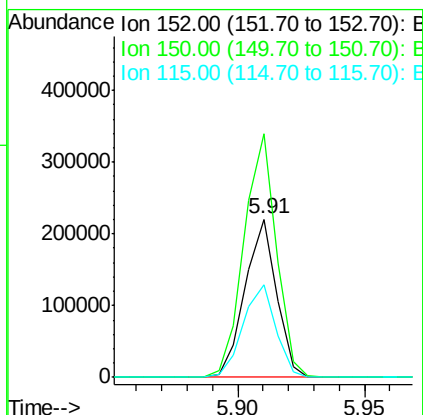
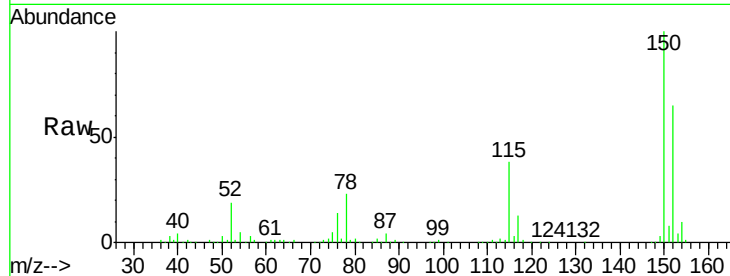


#1

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)

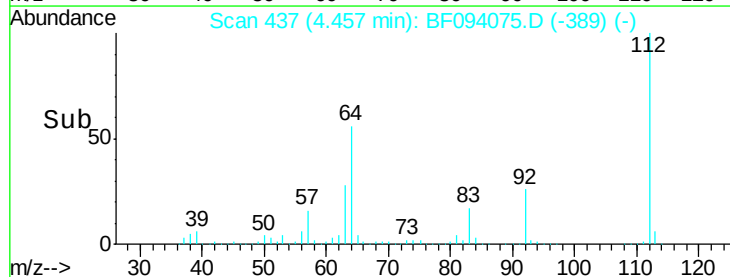
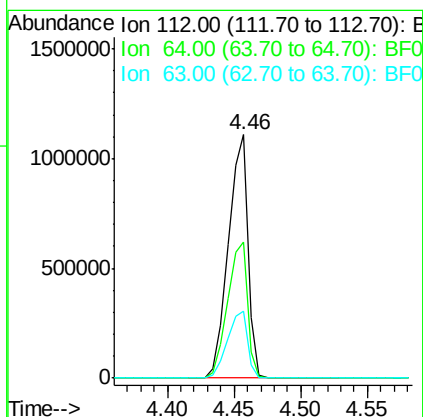
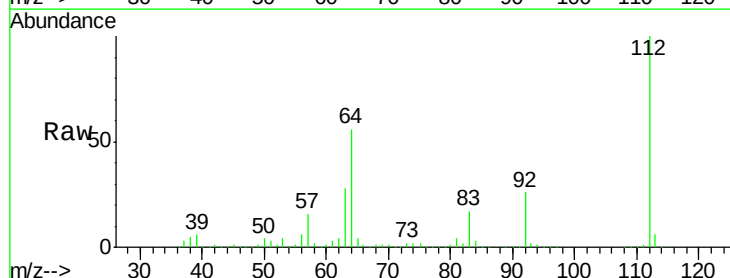
Tgt Ion:152 Resp: 191642
Ion Ratio Lower Upper
152 100
150 154.2 126.2 189.2
115 58.3 52.2 78.2

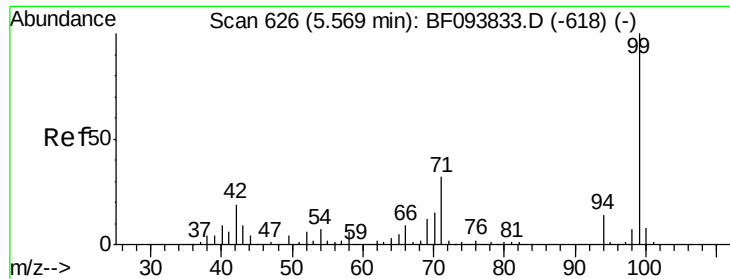


#5

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





#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)

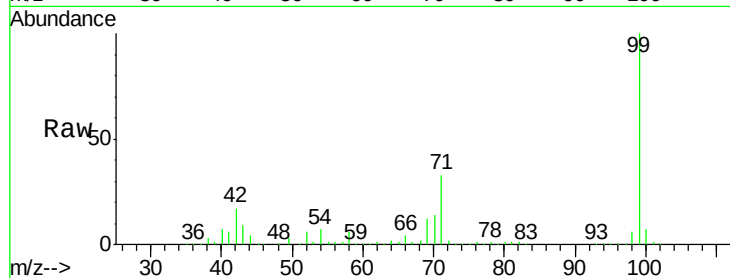
Tgt Ion: 99 Resp: 1495552

Ion Ratio Lower Upper

99 100

42 17.1 13.5 20.3

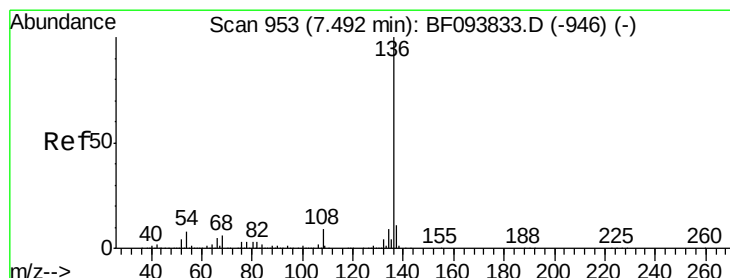
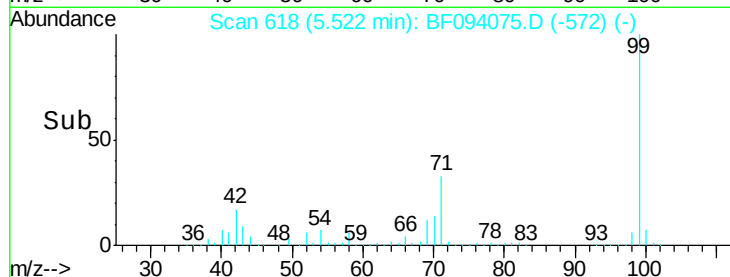
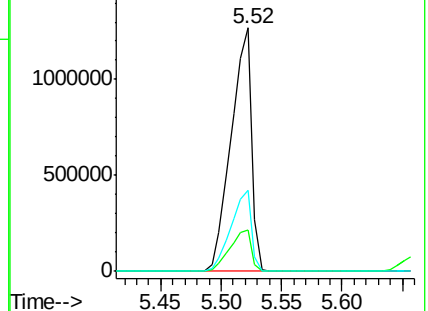
71 33.1 24.5 36.7



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



#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

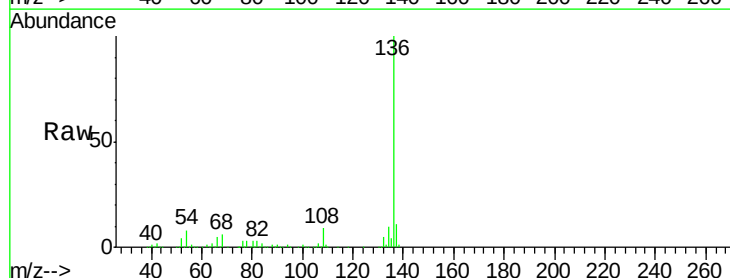
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.8 4.9 7.3#

68 6.2 4.1 6.1#

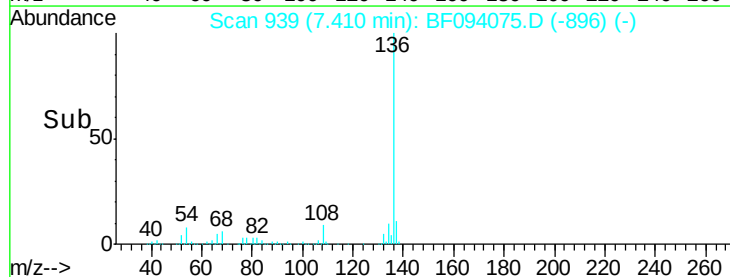
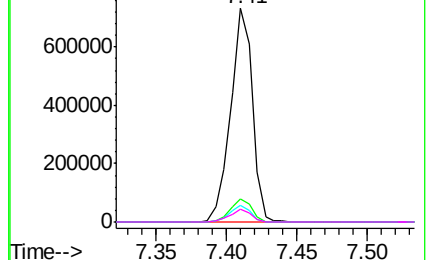


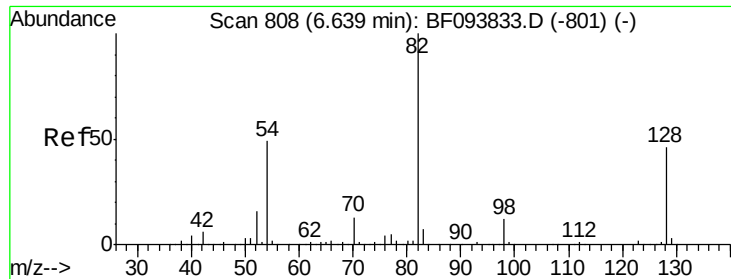
Abundance Ion 136.00 (135.70 to 136.70): E

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

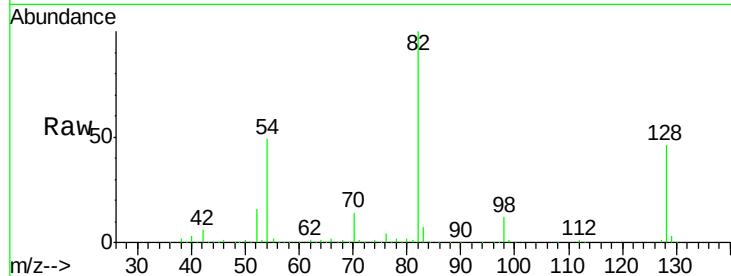




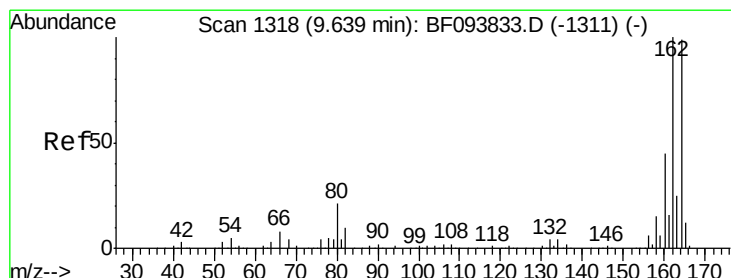
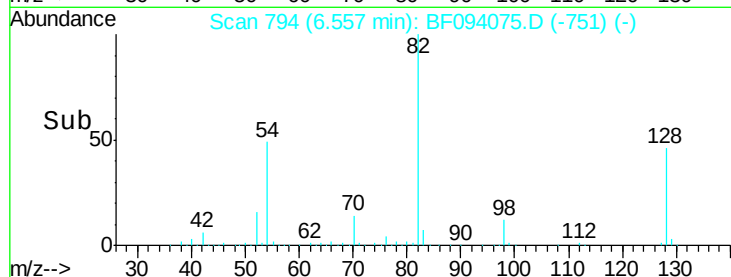
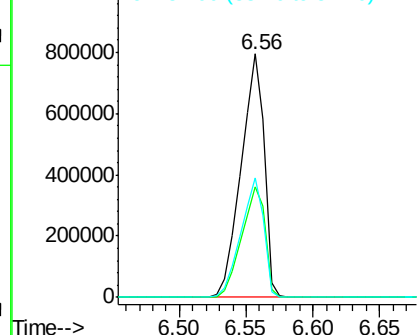
#23
 Nitrobenzene-d5
 Concen: 69.44 ng
 RT: 6.56 min Scan# 794
 Delta R.T. -0.05 min
 Lab File: BF094075.D
 Acq: 30 Mar 2017 23:11

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

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

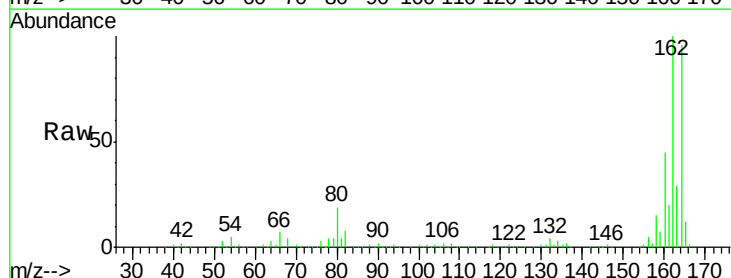


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

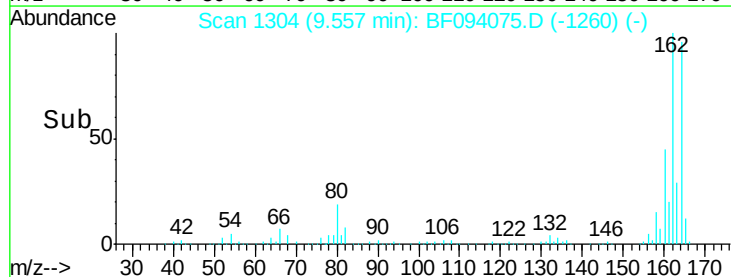
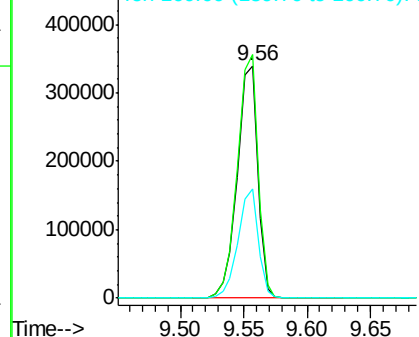


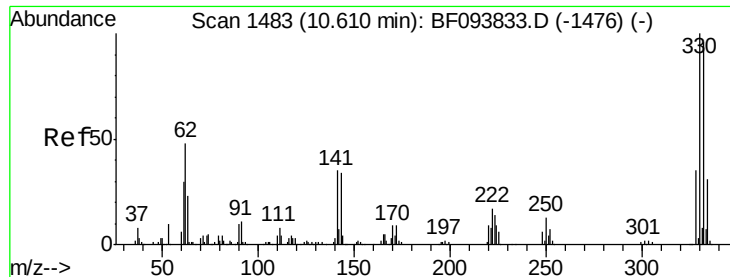
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.56 min Scan# 1304
 Delta R.T. -0.04 min
 Lab File: BF094075.D
 Acq: 30 Mar 2017 23:11

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



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

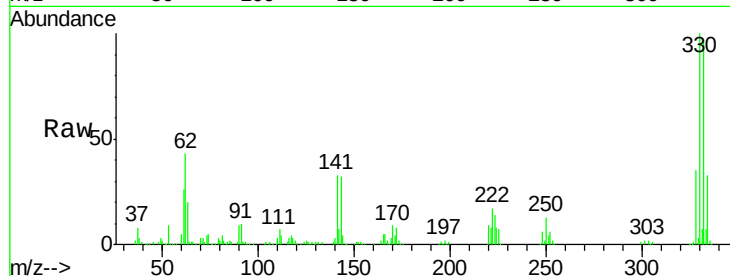




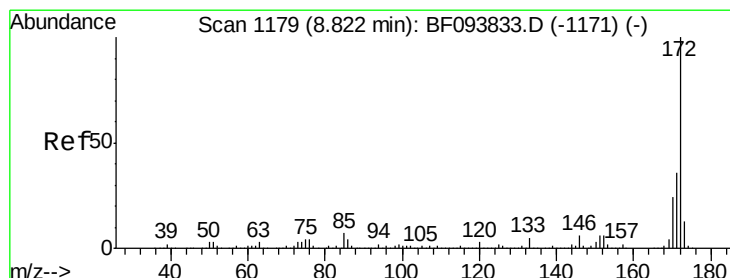
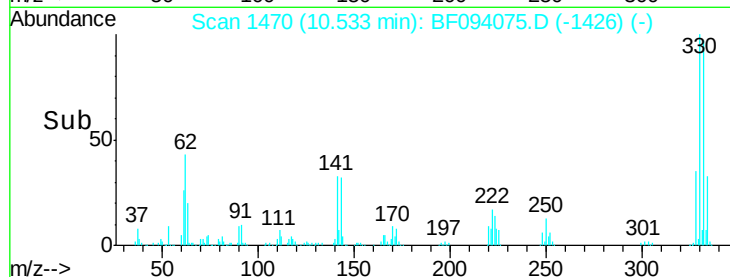
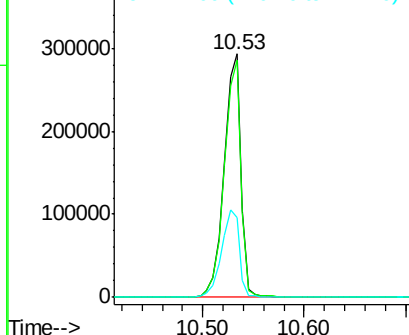
#41
 2,4,6-Tribromophenol
 Concen: 112.75 ng
 RT: 10.53 min Scan# 1470
 Delta R.T. -0.04 min
 Lab File: BF094075.D
 Acq: 30 Mar 2017 23:11

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

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	115.0
141	38.1	31.4	47.2

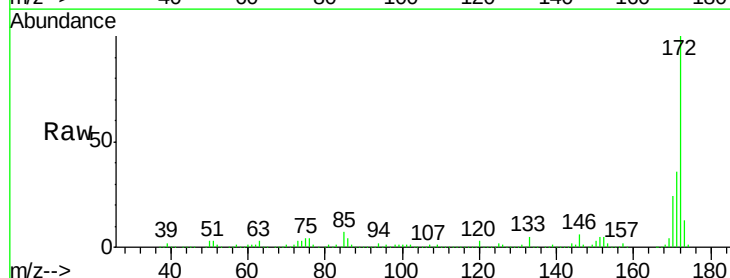


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

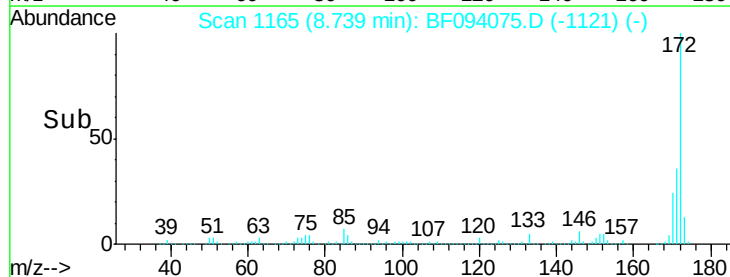
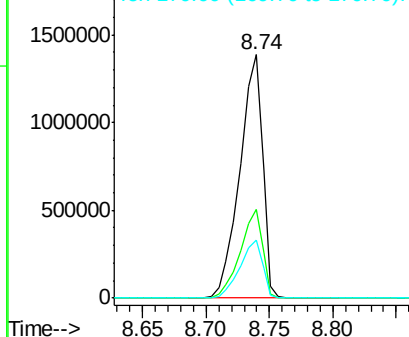


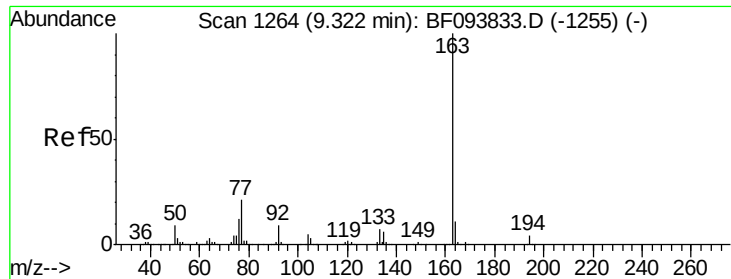
#44
 2-Fluorobiphenyl
 Concen: 69.50 ng
 RT: 8.74 min Scan# 1165
 Delta R.T. -0.04 min
 Lab File: BF094075.D
 Acq: 30 Mar 2017 23:11

Tgt Ion	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)

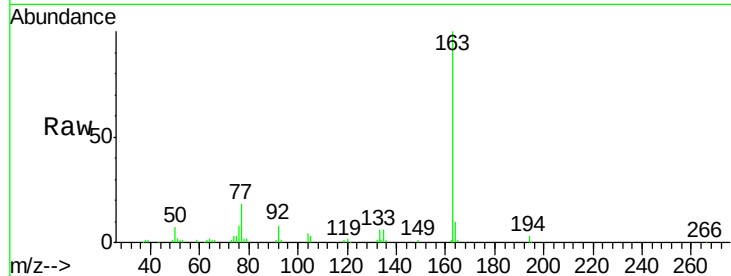
Tgt Ion:163 Resp: 124395

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

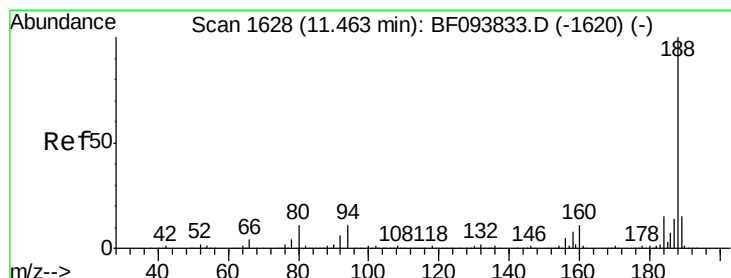
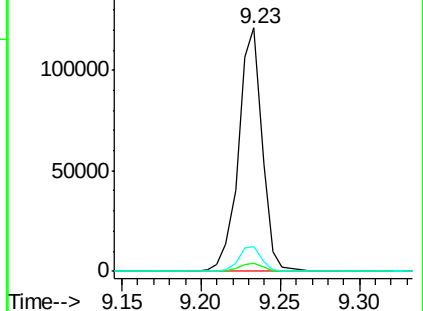
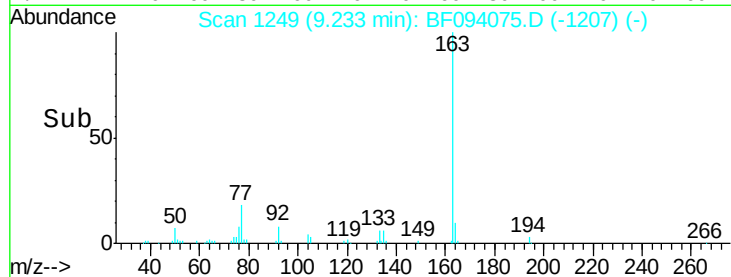
164 10.3 8.4 12.6



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



#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

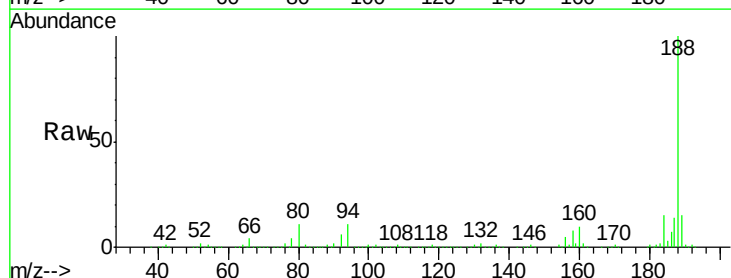
Tgt Ion:188 Resp: 666547

Ion Ratio Lower Upper

188 100

94 10.9 9.4 14.2

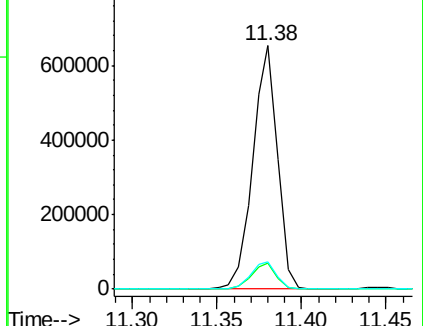
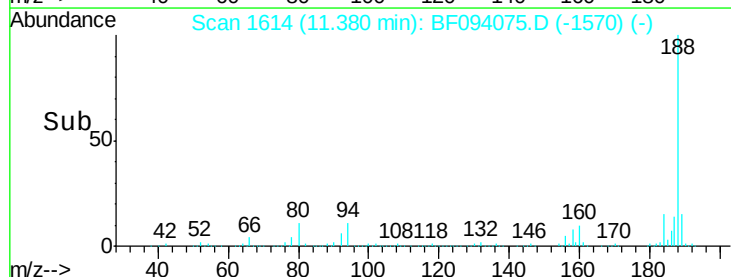
80 11.0 10.2 15.2

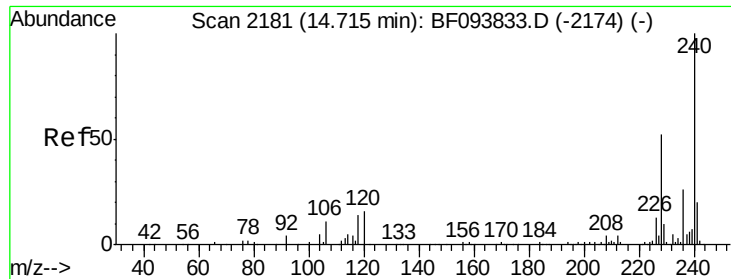


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

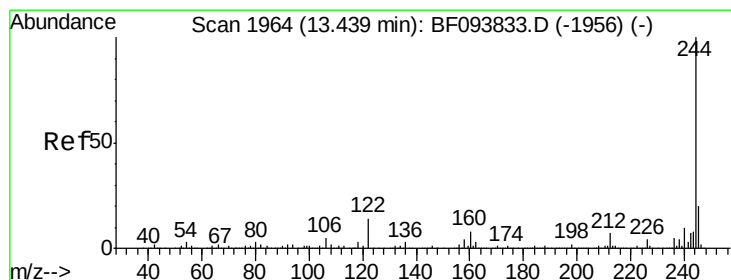
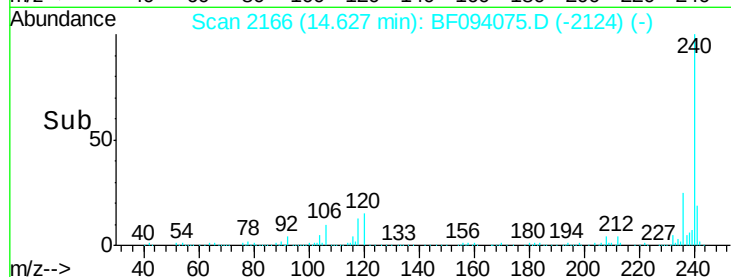
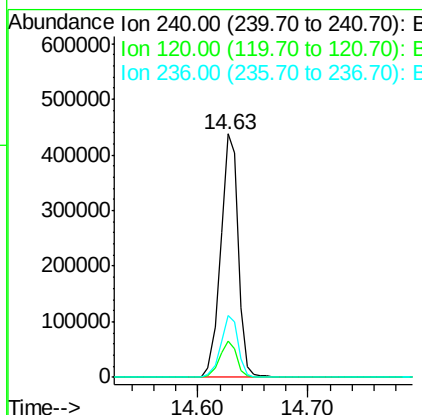
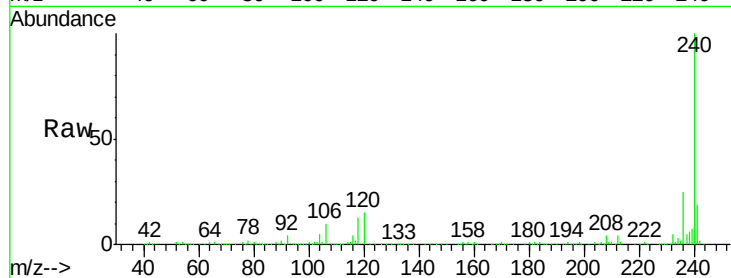




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.63 min Scan# 2166
 Delta R.T. -0.05 min
 Lab File: BF094075.D
 Acq: 30 Mar 2017 23:11

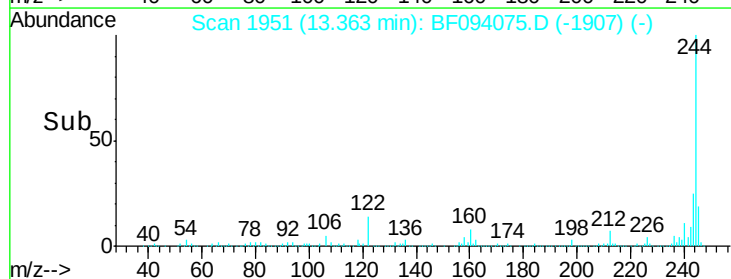
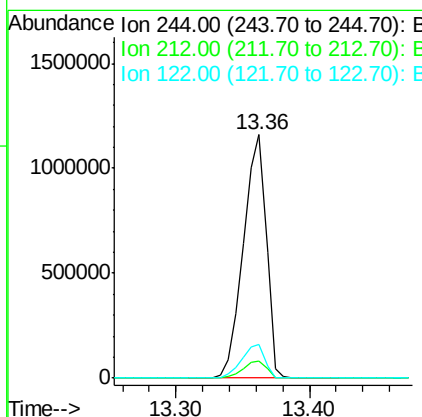
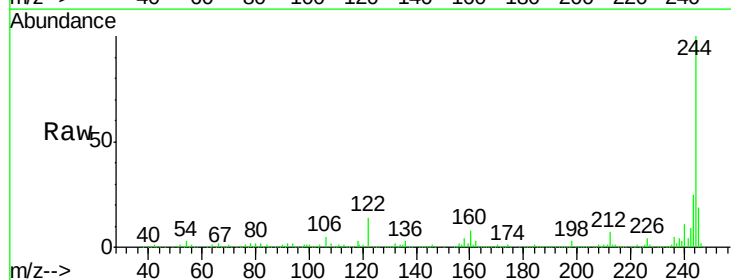
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 SW-2(3.5-4)

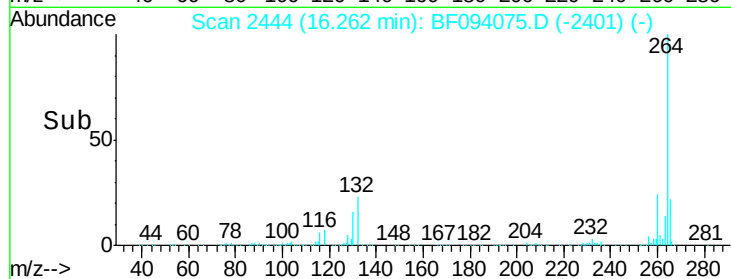
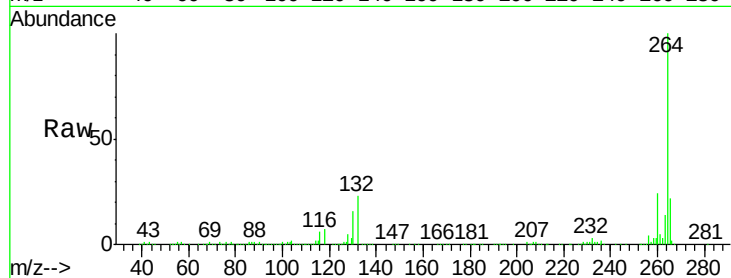
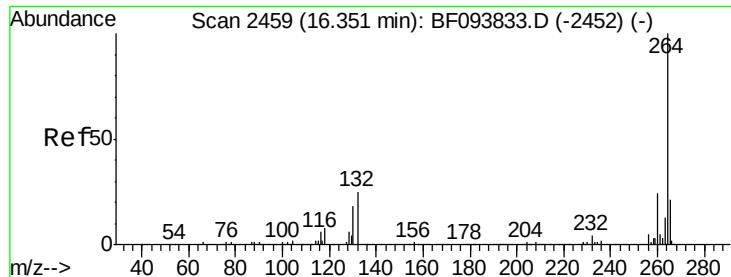
Tgt Ion:240 Resp: 485742
 Ion Ratio Lower Upper
 240 100
 120 14.8 5.8 8.8#
 236 25.4 20.5 30.7



#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

Perylene-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)

Tgt Ion:264 Resp: 333594

Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

265 22.0 17.2 25.8

