

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033017\
 Data File : BF094076.D
 Acq On : 30 Mar 2017 23:38
 Operator : SJ/MA
 Sample : I2417-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-3(6.5-7)

Quant Time: Mar 31 03:52:08 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

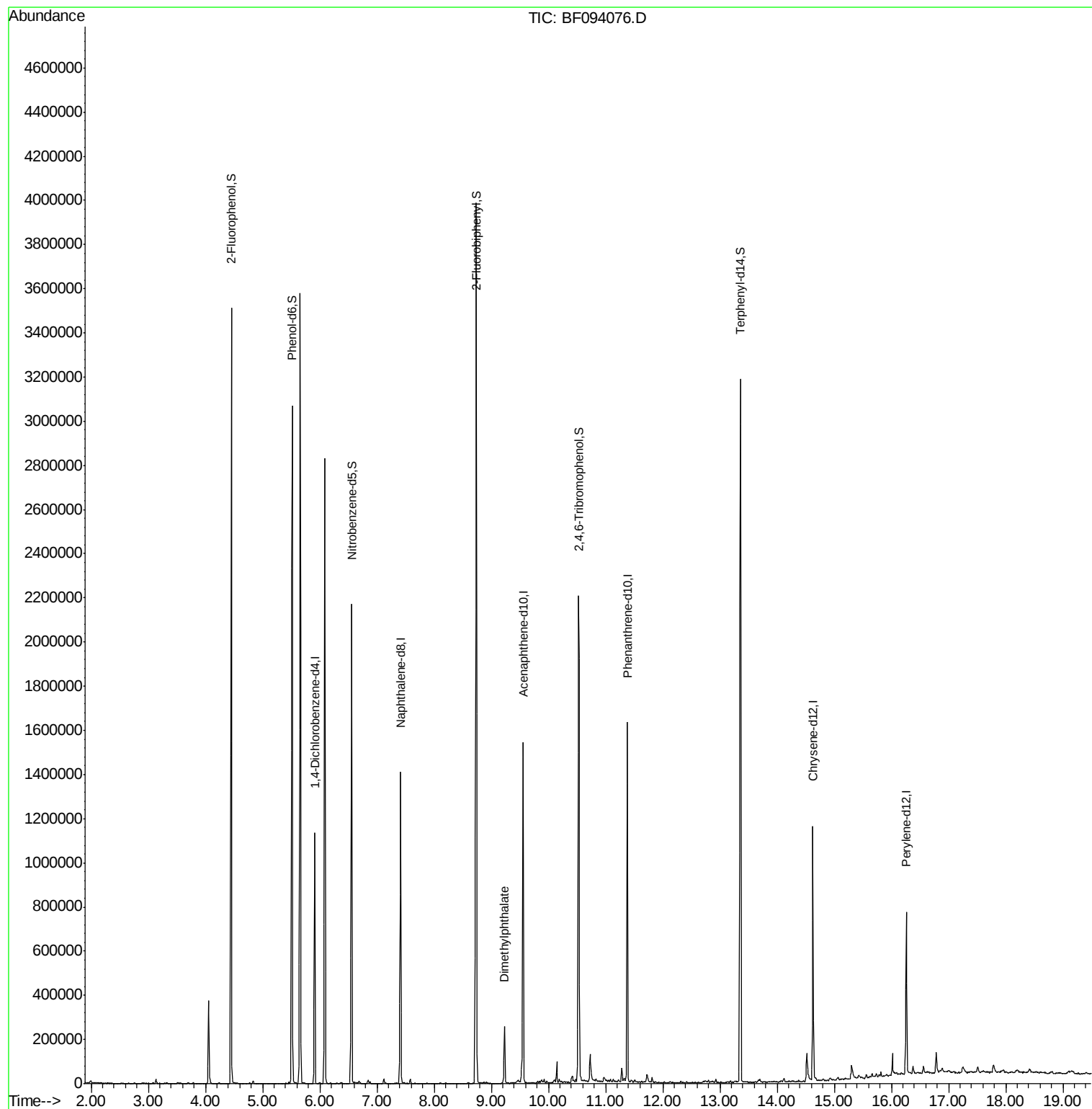
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.91	152	188633	20.00	ng	-0.04
21) Naphthalene-d8	7.41	136	773562	20.00	ng	-0.05
38) Acenaphthene-d10	9.56	164	377678	20.00	ng	-0.04
63) Phenanthrene-d10	11.38	188	631590	20.00	ng	-0.04
75) Chrysene-d12	14.63	240	438628	20.00	ng	-0.05
86) Perylene-d12	16.26	264	309951	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	4.45	112	1056642	94.61	ng	-0.02
7) Phenol-d6	5.52	99	1386356	100.34	ng	-0.04
23) Nitrobenzene-d5	6.56	82	869616	64.15	ng	-0.05
41) 2,4,6-Tribromophenol	10.53	330	308092	103.23	ng	-0.04
44) 2-Fluorobiphenyl	8.74	172	1643750	66.38	ng	-0.04
78) Terphenyl-d14	13.36	244	1215143	62.10	ng	-0.05
Target Compounds						
49) Dimethylphthalate	9.23	163	129444	4.82	ng	Qvalue 98

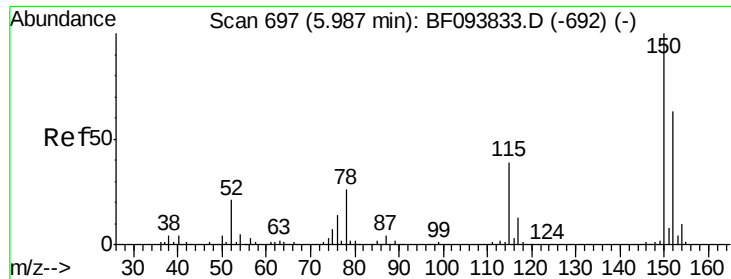
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF094076.D

Acq: 30 Mar 2017 23:38

Instrument :

BNA_F

ClientSampleId :

SW-3(6.5-7)

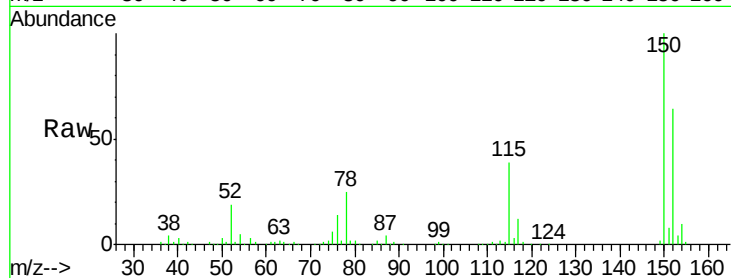
Tgt Ion:152 Resp: 188633

Ion Ratio Lower Upper

152 100

150 156.4 126.2 189.2

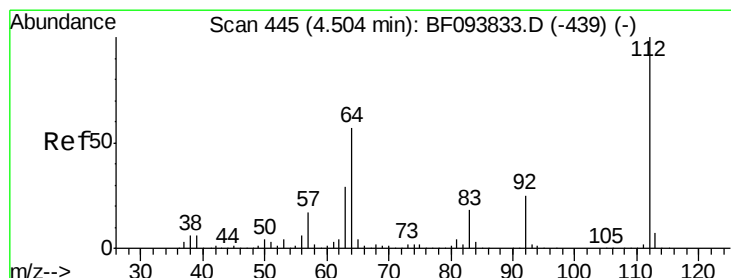
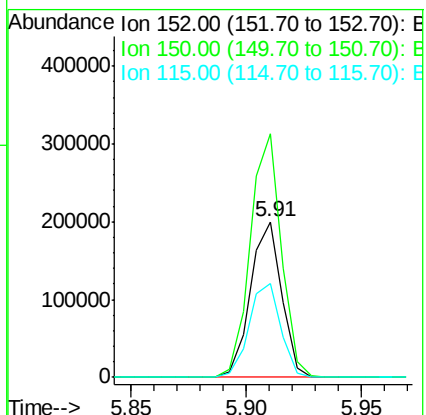
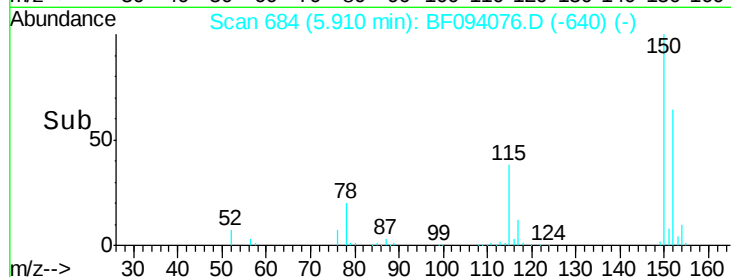
115 60.2 52.2 78.2



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: 94.61 ng

RT: 4.45 min Scan# 436

Delta R.T. -0.02 min

Lab File: BF094076.D

Acq: 30 Mar 2017 23:38

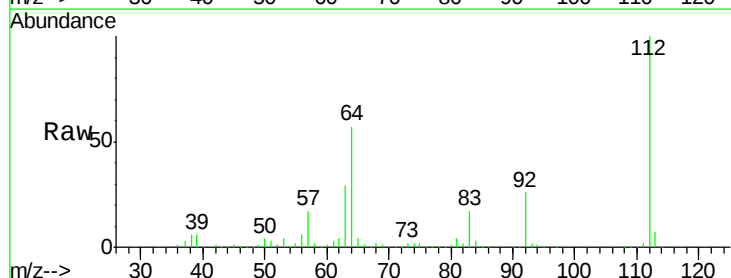
Tgt Ion:112 Resp: 1056642

Ion Ratio Lower Upper

112 100

64 56.6 46.0 69.0

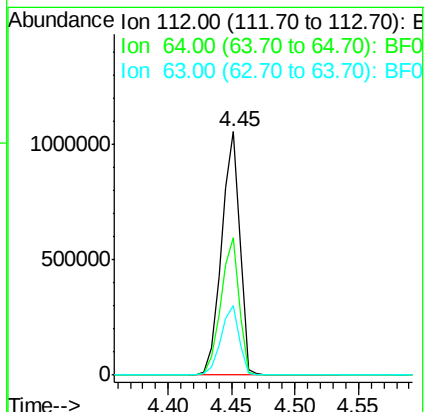
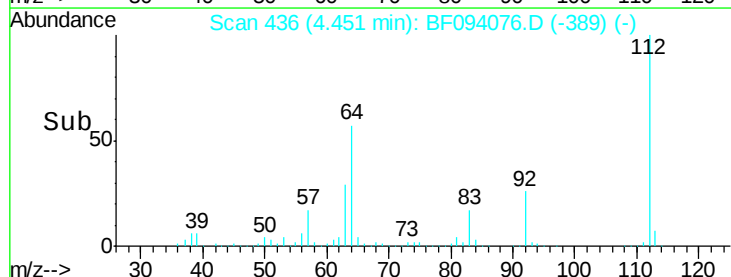
63 28.6 23.4 35.0

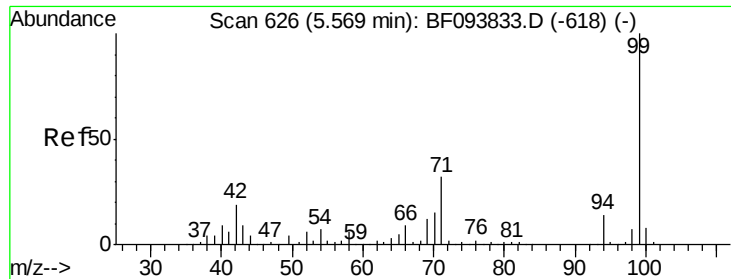


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 100.34 ng

RT: 5.52 min Scan# 617

Delta R.T. -0.04 min

Lab File: BF094076.D

Acq: 30 Mar 2017 23:38

Instrument :

BNA_F

ClientSampleId :

SW-3(6.5-7)

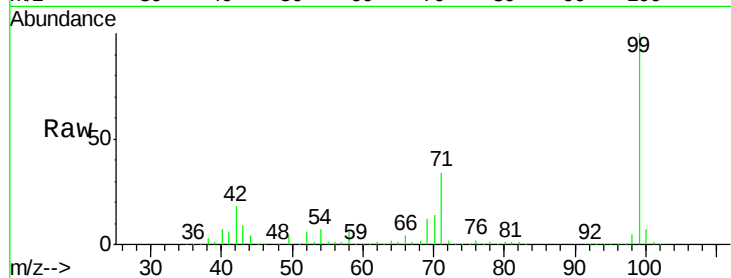
Tgt Ion: 99 Resp: 1386356

Ion Ratio Lower Upper

99 100

42 17.6 13.5 20.3

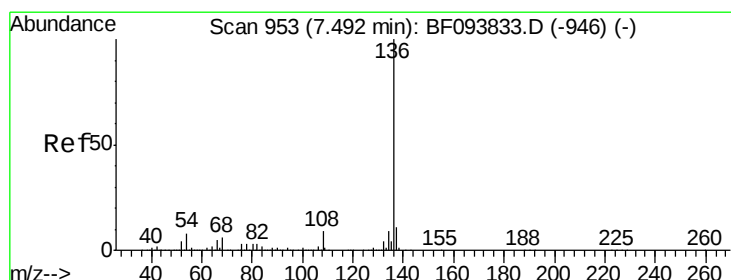
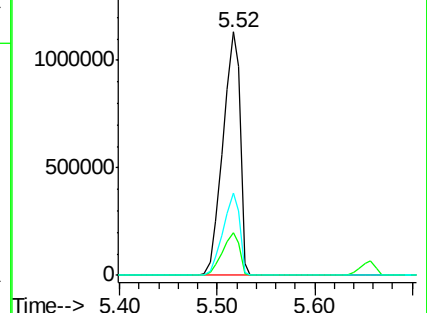
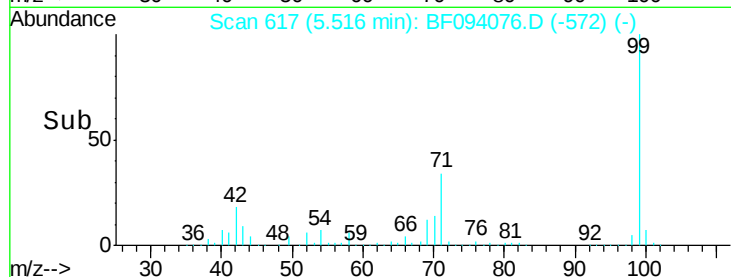
71 33.6 24.5 36.7



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: BF094076.D

Acq: 30 Mar 2017 23:38

Tgt Ion: 136 Resp: 773562

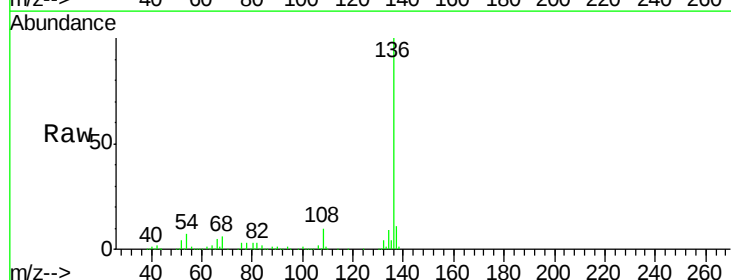
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.5 4.9 7.3#

68 5.9 4.1 6.1

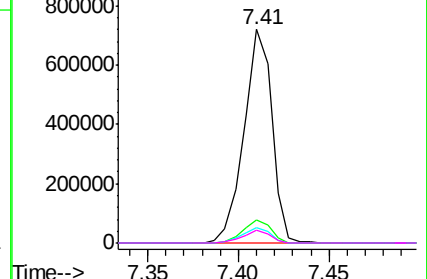
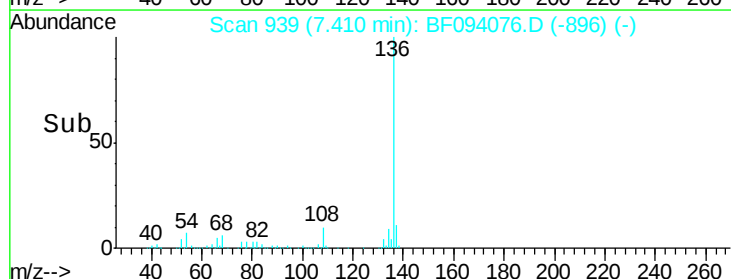


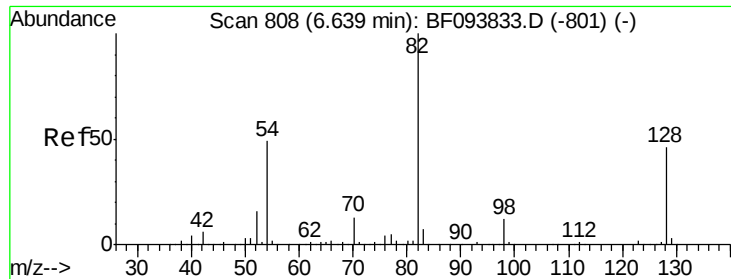
Abundance Ion 136.00 (135.70 to 136.70): E

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

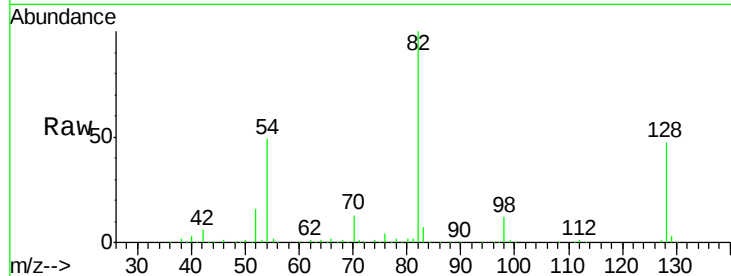




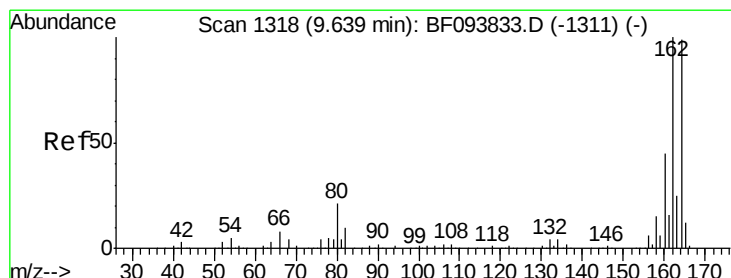
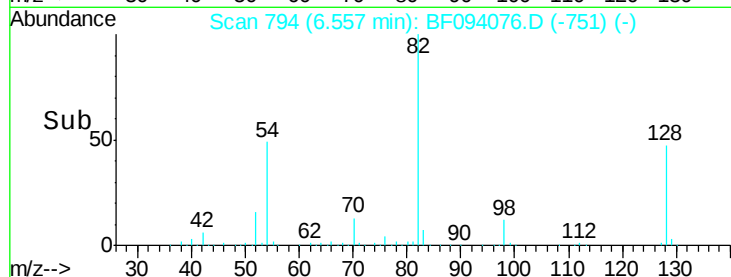
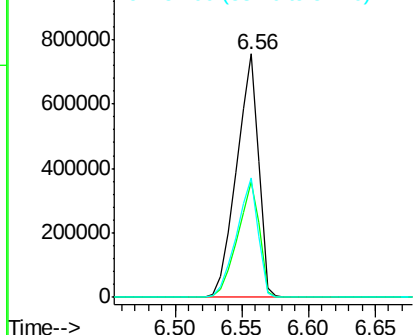
#23
 Nitrobenzene-d5
 Concen: 64.15 ng
 RT: 6.56 min Scan# 794
 Delta R.T. -0.05 min
 Lab File: BF094076.D
 Acq: 30 Mar 2017 23:38

Instrument :
 BNA_F
 ClientSampled :
 SW-3(6.5-7)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.3	34.0	51.0
54	48.9	42.2	63.2

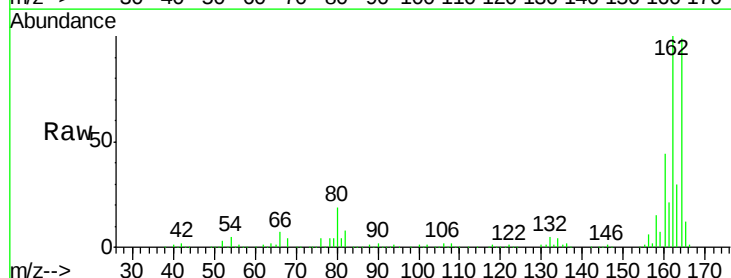


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

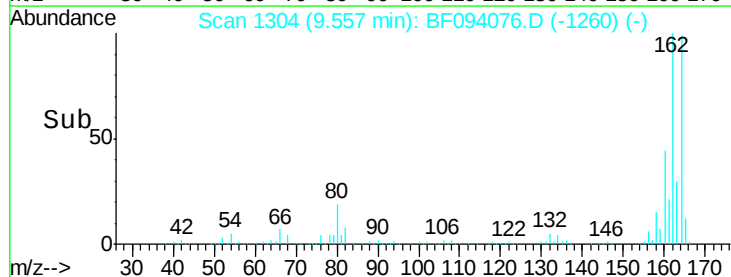
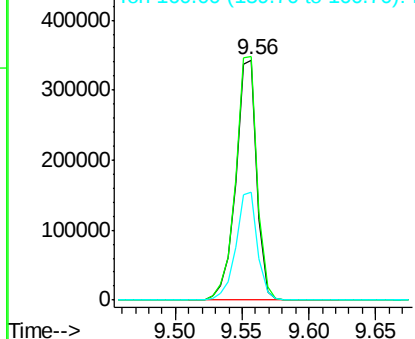


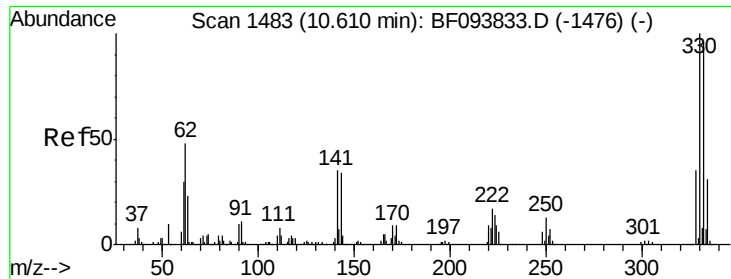
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.56 min Scan# 1304
 Delta R.T. -0.04 min
 Lab File: BF094076.D
 Acq: 30 Mar 2017 23:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	82.6	123.8
160	45.0	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

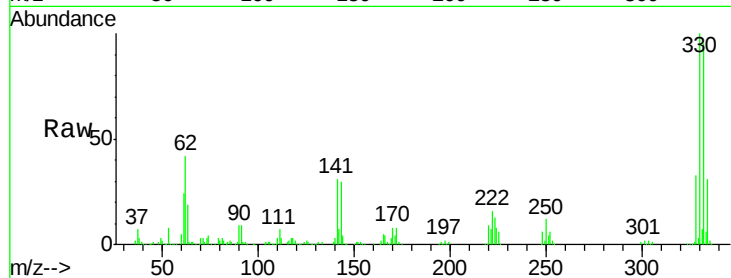




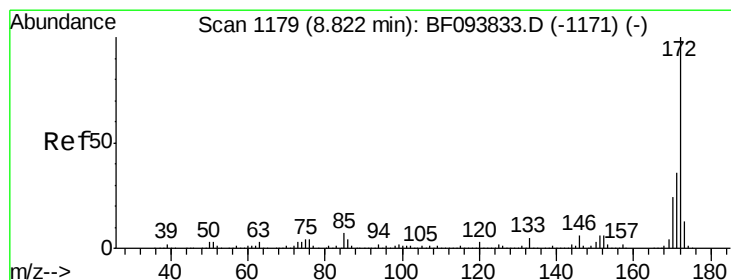
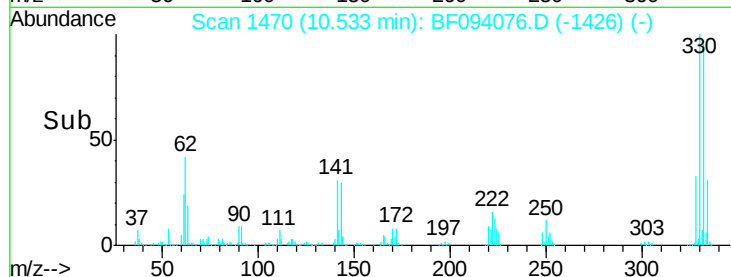
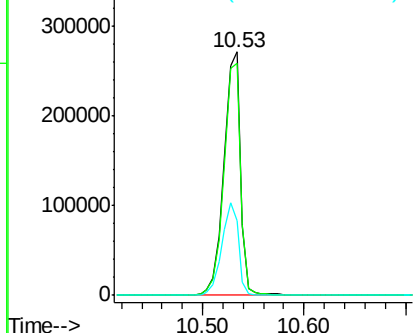
#41
 2,4,6-Tribromophenol
 Concen: 103.23 ng
 RT: 10.53 min Scan# 1470
 Delta R.T. -0.04 min
 Lab File: BF094076.D
 Acq: 30 Mar 2017 23:38

Instrument :
 BNA_F
 ClientSampleId :
 SW-3(6.5-7)

Tgt Ion:330 Resp: 308092
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 115.0
 141 38.7 31.4 47.2

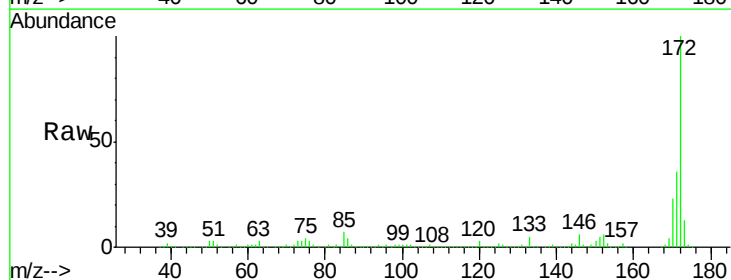


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

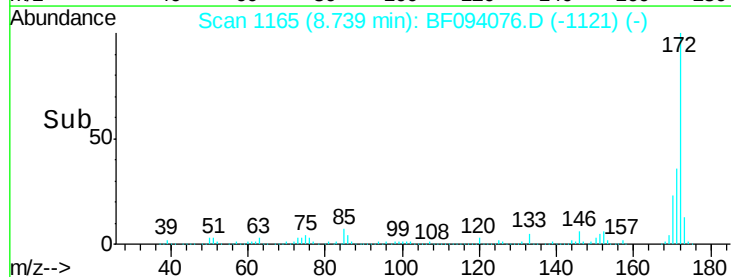
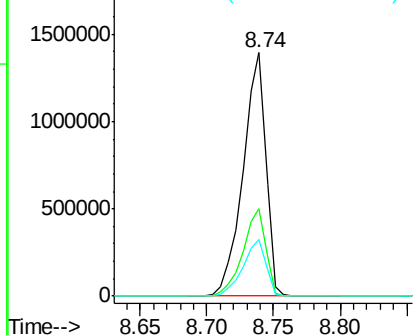


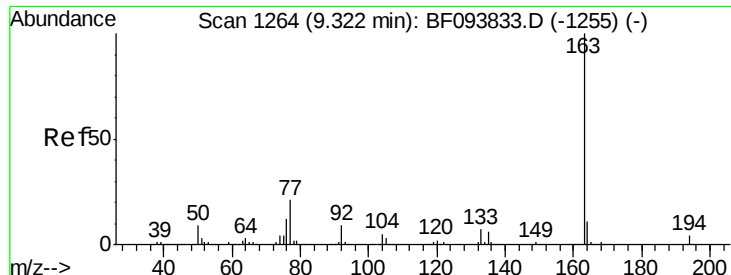
#44
 2-Fluorobiphenyl
 Concen: 66.38 ng
 RT: 8.74 min Scan# 1165
 Delta R.T. -0.04 min
 Lab File: BF094076.D
 Acq: 30 Mar 2017 23:38

Tgt Ion:172 Resp: 1643750
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 23.5 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: 4.82 ng

RT: 9.23 min Scan# 1249

Delta R.T. -0.05 min

Lab File: BF094076.D

Acq: 30 Mar 2017 23:38

Instrument :

BNA_F

ClientSampleId :

SW-3(6.5-7)

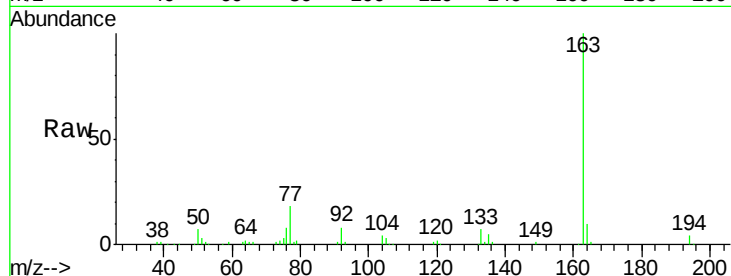
Tgt Ion:163 Resp: 129444

Ion Ratio Lower Upper

163 100

194 3.8 2.6 4.0

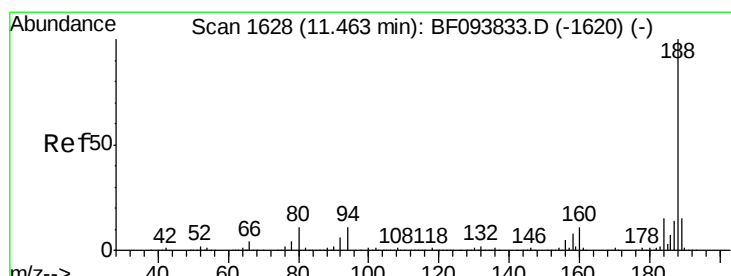
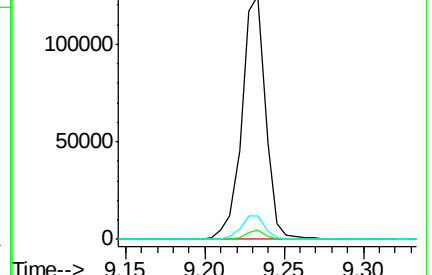
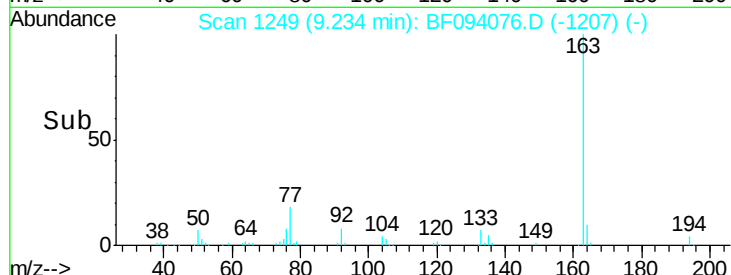
164 9.9 8.4 12.6



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: BF094076.D

Acq: 30 Mar 2017 23:38

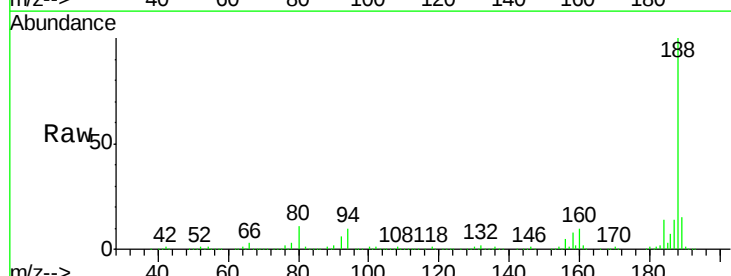
Tgt Ion:188 Resp: 631590

Ion Ratio Lower Upper

188 100

94 10.1 9.4 14.2

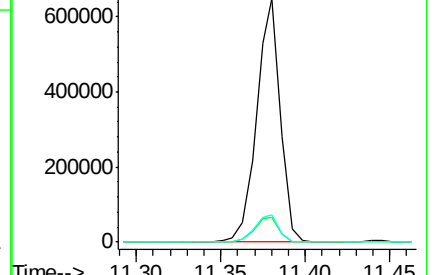
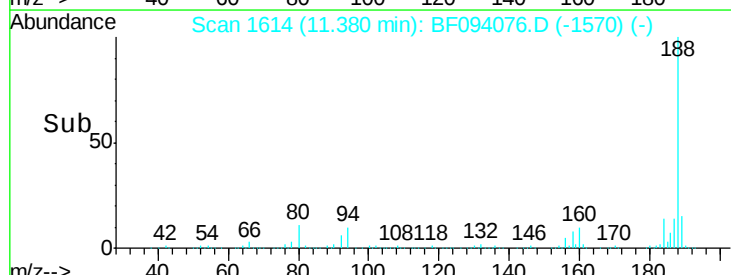
80 11.0 10.2 15.2

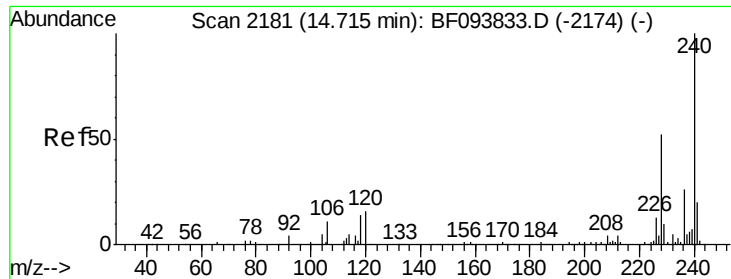


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

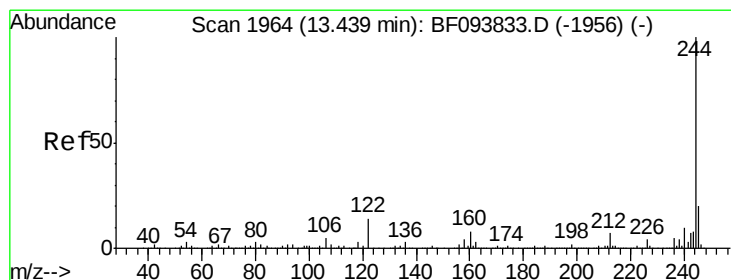
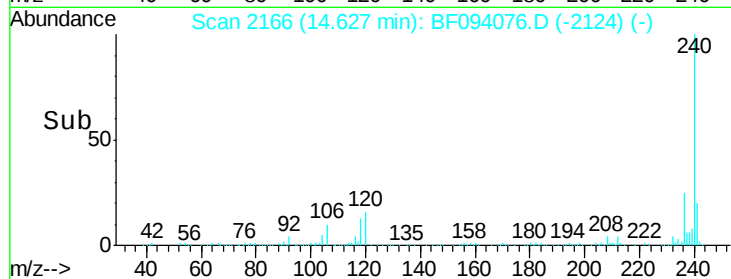
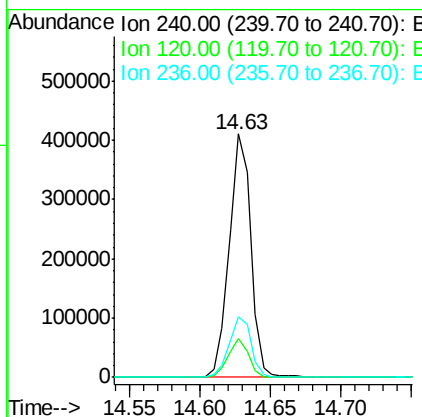
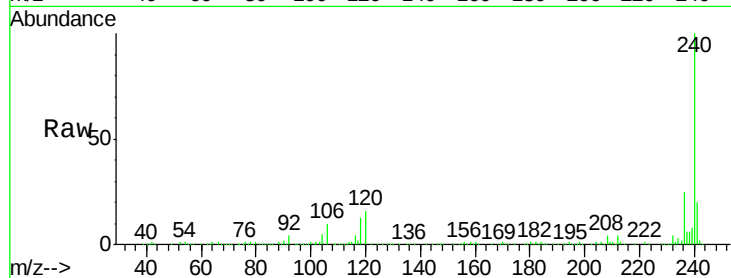




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.63 min Scan# 2166
Delta R.T. -0.05 min
Lab File: BF094076.D
Acq: 30 Mar 2017 23:38

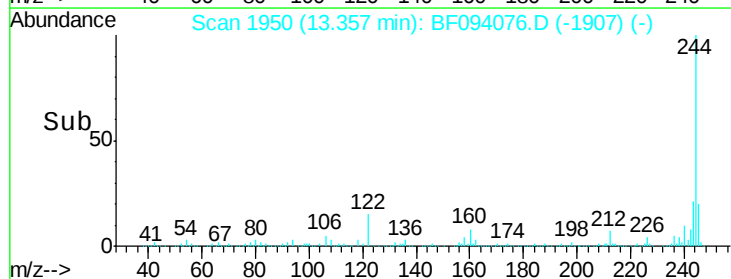
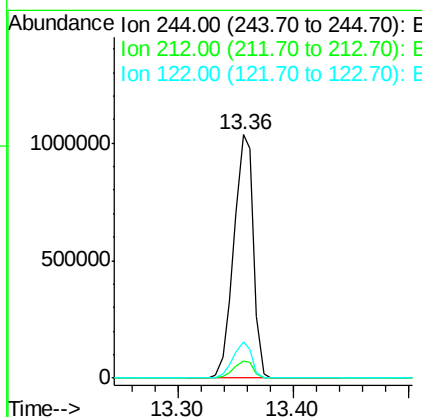
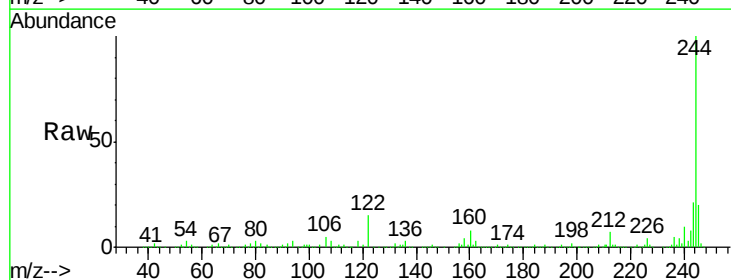
Instrument :
BNA_F
ClientSampleId :
SW-3(6.5-7)

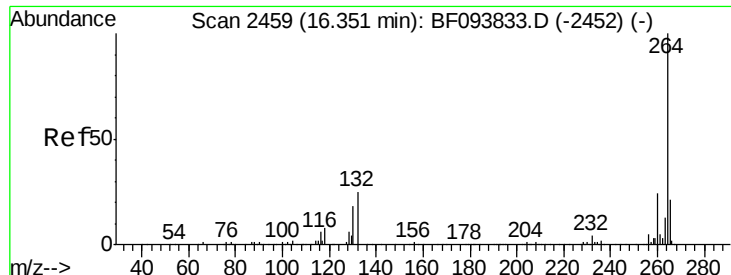
Tgt Ion:240 Resp: 438628
Ion Ratio Lower Upper
240 100
120 16.2 5.8 8.8#
236 25.1 20.5 30.7



#78
Terphenyl-d14
Concen: 62.10 ng
RT: 13.36 min Scan# 1950
Delta R.T. -0.05 min
Lab File: BF094076.D
Acq: 30 Mar 2017 23:38

Tgt Ion:244 Resp: 1215143
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 14.6 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: BF094076.D
Acq: 30 Mar 2017 23:38

Instrument :
BNA_F
ClientSampleId :
SW-3(6.5-7)

Tgt Ion: 264 Resp: 309951
Ion Ratio Lower Upper
264 100
260 23.3 19.5 29.3
265 20.9 17.2 25.8

