

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033017\
 Data File : BF094081.D
 Acq On : 31 Mar 2017 1:56
 Operator : SJ/MA
 Sample : I2417-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-4(1.5-2)

Quant Time: Mar 31 03:11:24 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

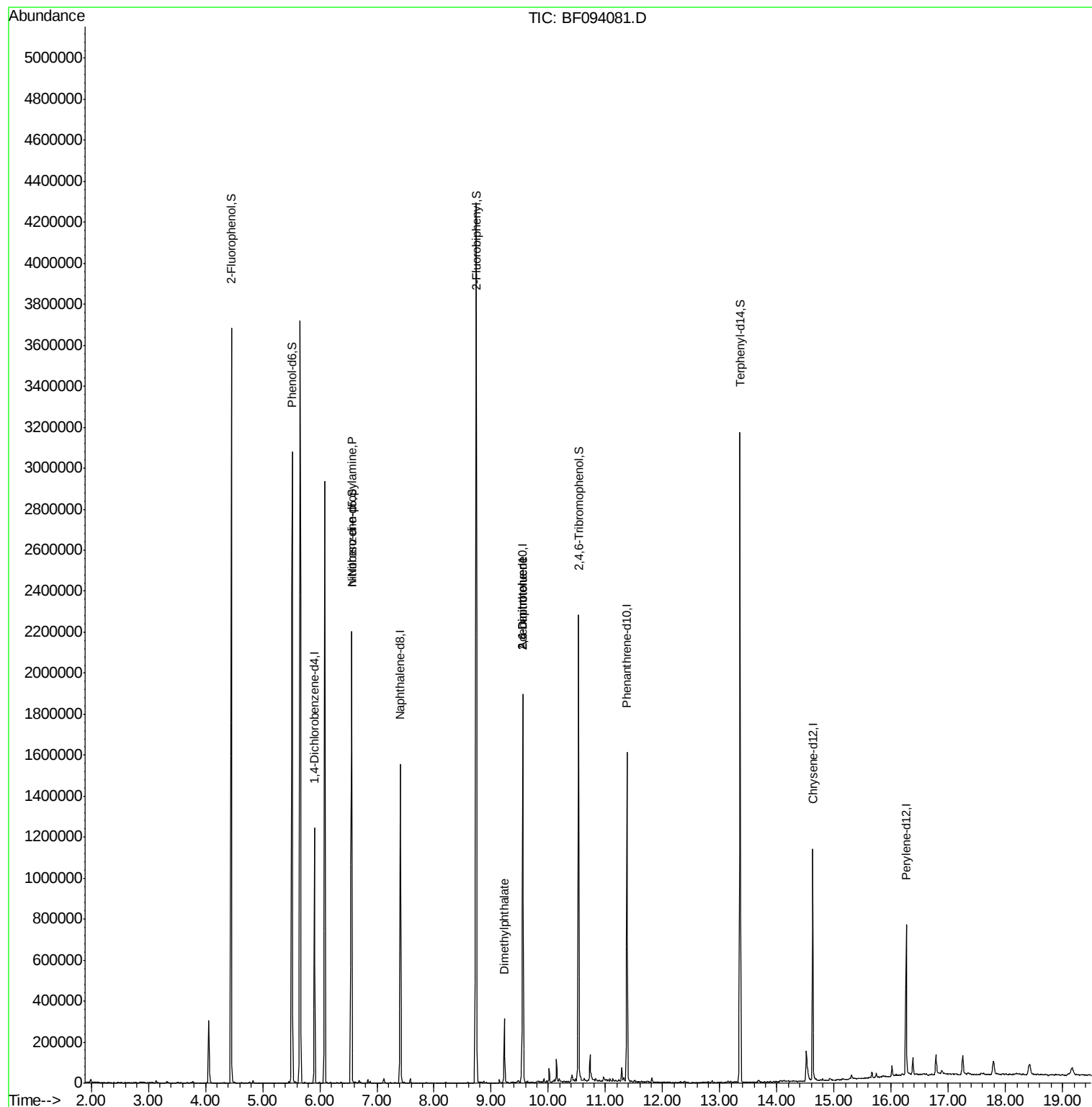
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.91	152	205539	20.00	ng	-0.04
21) Naphthalene-d8	7.41	136	833524	20.00	ng	-0.05
38) Acenaphthene-d10	9.56	164	392138	20.00	ng	-0.04
63) Phenanthrene-d10	11.38	188	656465	20.00	ng	-0.04
75) Chrysene-d12	14.63	240	426171	20.00	ng	-0.05
86) Perylene-d12	16.26	264	311449	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	4.45	112	1132586	93.07	ng	-0.02
7) Phenol-d6	5.52	99	1496213	99.39	ng	-0.04
23) Nitrobenzene-d5	6.56	82	937184	64.17	ng	-0.05
41) 2,4,6-Tribromophenol	10.53	330	320691	103.49	ng	-0.04
44) 2-Fluorobiphenyl	8.74	172	1699914	66.12	ng	-0.04
78) Terphenyl-d14	13.36	244	1221430	64.24	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.56	70	122514	12.66	ng	# 77
49) Dimethylphthalate	9.23	163	142714	5.12	ng	98
50) 2,6-Dinitrotoluene	9.56	165	50194	7.86	ng	# 35
56) 2,4-Dinitrotoluene	9.56	165	50193	6.25	ng	# 34

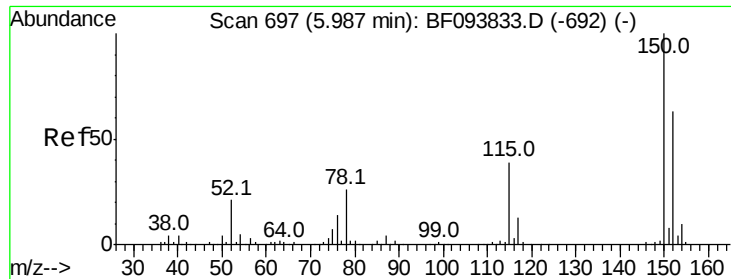
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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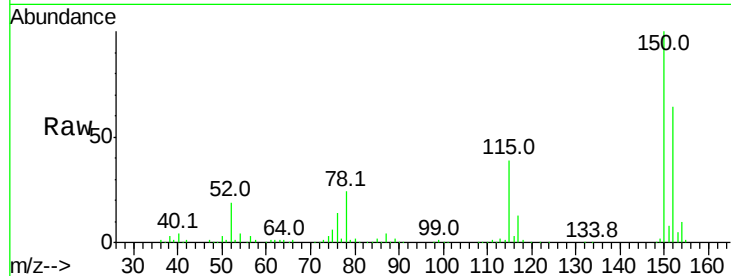


#1

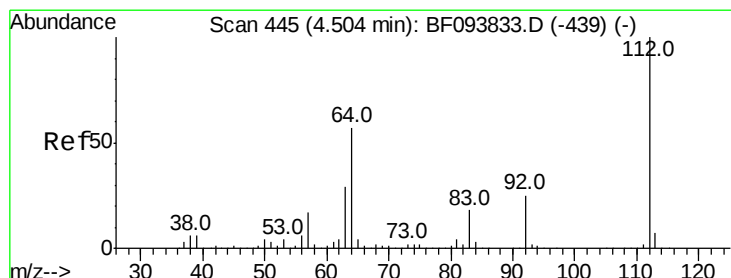
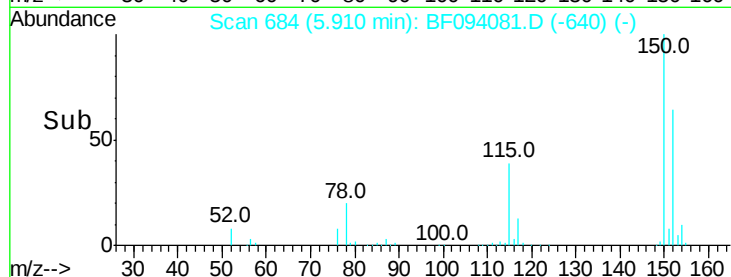
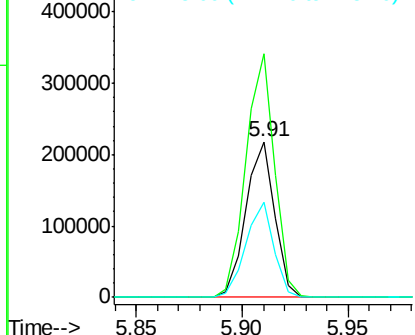
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.91 min Scan# 684
 Delta R.T. -0.04 min
 Lab File: BF094081.D
 Acq: 31 Mar 2017 1:56

Instrument :
 BNA_F
 ClientSampleId :
 SW-4(1.5-2)

Tot Ion:152 Resp: 205539
 Ion Ratio Lower Upper
 152 100
 150 156.3 126.2 189.2
 115 61.1 52.2 78.2



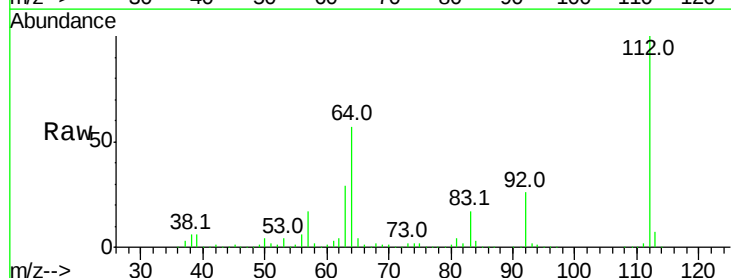
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



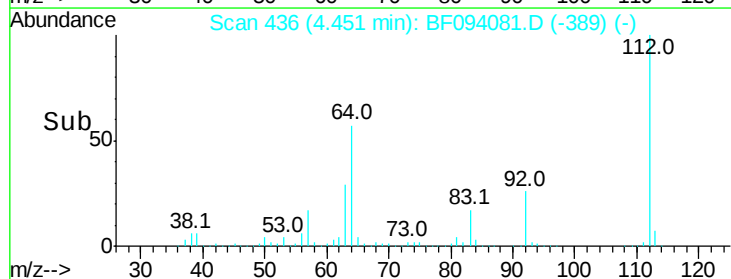
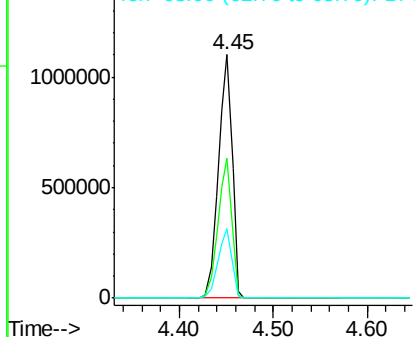
#5

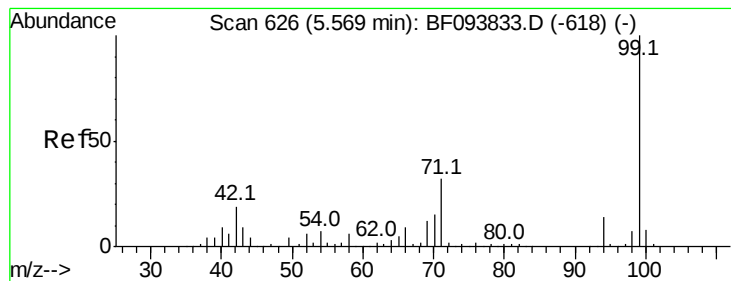
2-Fluorophenol
 Concen: 93.07 ng
 RT: 4.45 min Scan# 436
 Delta R.T. -0.02 min
 Lab File: BF094081.D
 Acq: 31 Mar 2017 1:56

Tgt Ion:112 Resp: 1132586
 Ion Ratio Lower Upper
 112 100
 64 57.3 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: 99.39 ng

RT: 5.52 min Scan# 617

Delta R.T. -0.04 min

Lab File: BF094081.D

Acq: 31 Mar 2017 1:56

Instrument :

BNA_F

ClientSampleId :

SW-4(1.5-2)

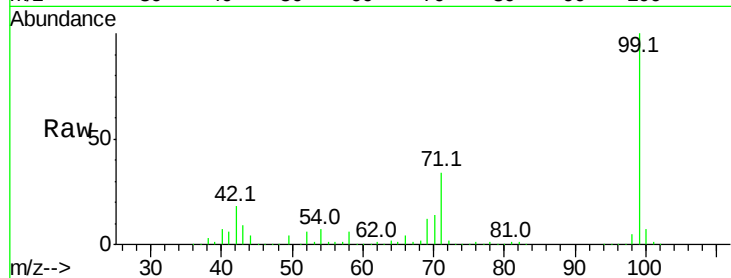
Tot Ion: 99 Resp: 1496213

Ion Ratio Lower Upper

99 100

42 18.0 13.5 20.3

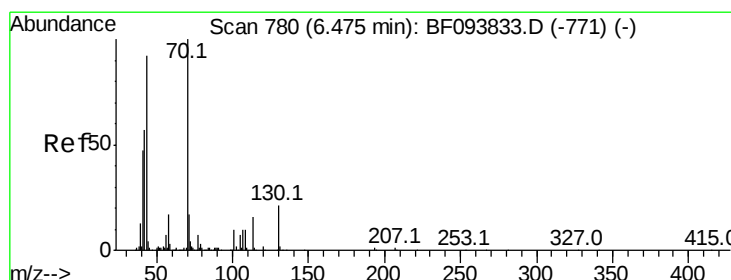
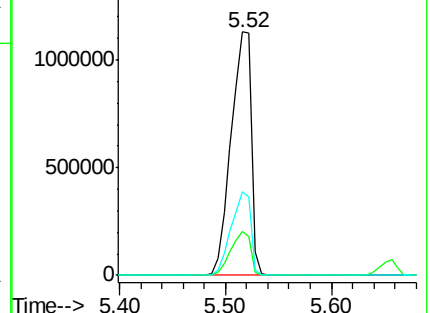
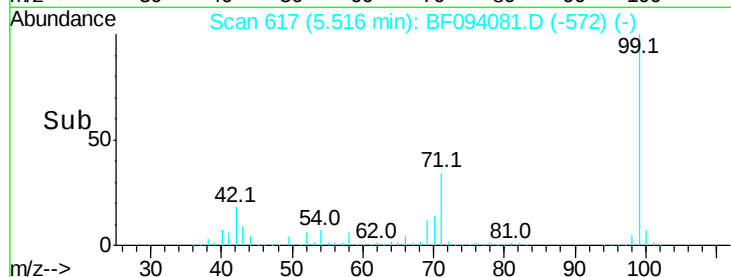
71 34.3 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.66 ng

RT: 6.56 min Scan# 794

Delta R.T. 0.12 min

Lab File: BF094081.D

Acq: 31 Mar 2017 1:56

Tgt Ion: 70 Resp: 122514

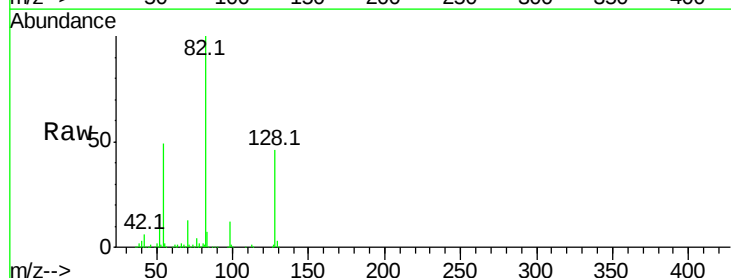
Ion Ratio Lower Upper

70 100

42 46.1 47.2 70.8#

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

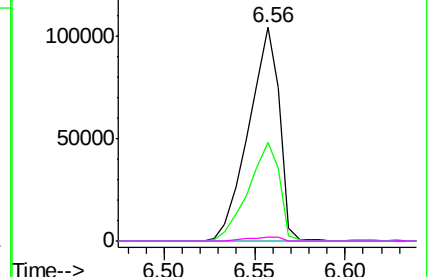
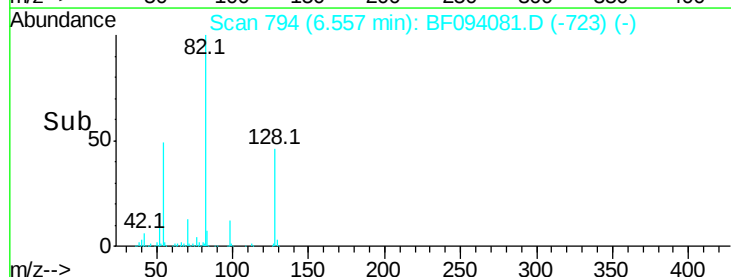


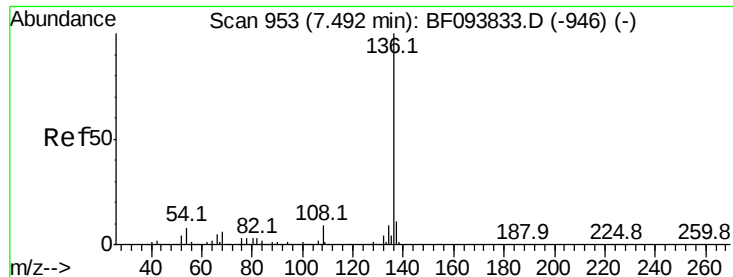
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF094081.D

Acq: 31 Mar 2017 1:56

Instrument :

BNA_F

ClientSampleId :

SW-4(1.5-2)

Tot Ion:136 Resp: 833524

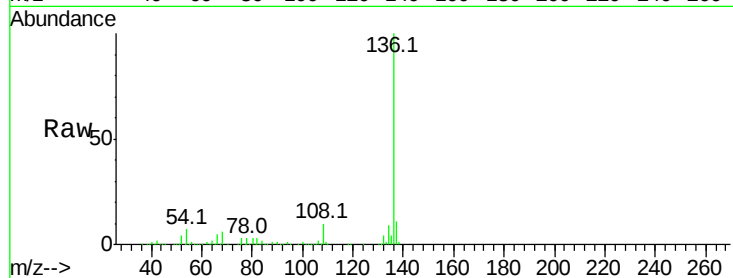
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.5 4.9 7.3#

68 5.6 4.1 6.1

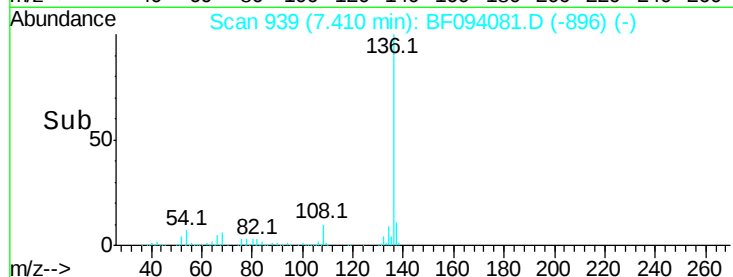


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

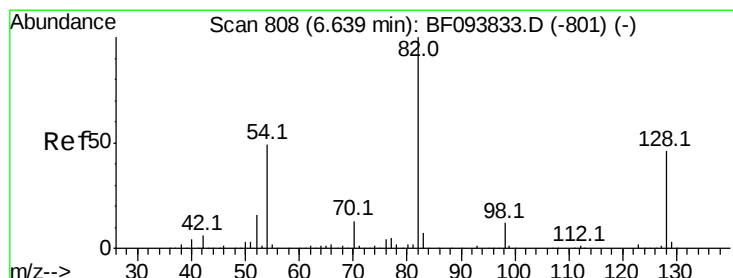
Ion 68.00 (67.70 to 68.70): BF0



Abundance

7.41

Time-->



#23

Nitrobenzene-d5

Concen: 64.17 ng

RT: 6.56 min Scan# 794

Delta R.T. -0.05 min

Lab File: BF094081.D

Acq: 31 Mar 2017 1:56

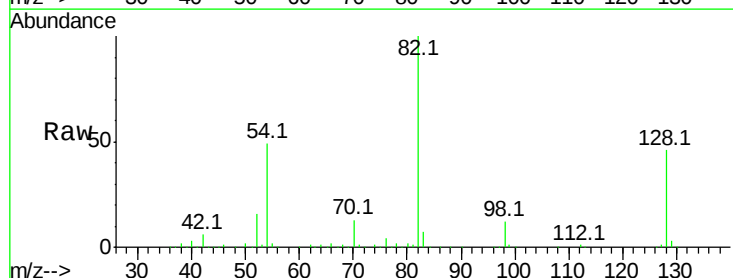
Tgt Ion: 82 Resp: 937184

Ion Ratio Lower Upper

82 100

128 45.6 34.0 51.0

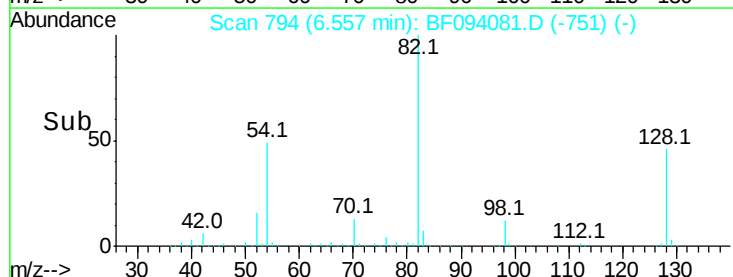
54 49.1 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

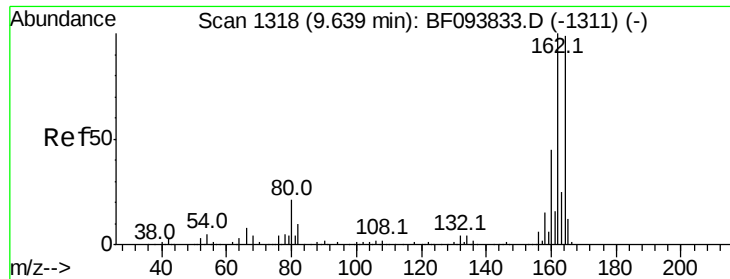
Ion 54.00 (53.70 to 54.70): BF0



Abundance

6.56

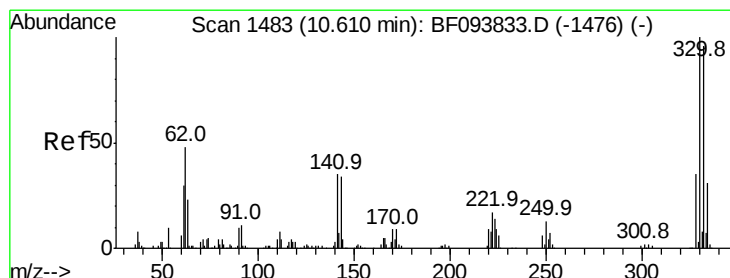
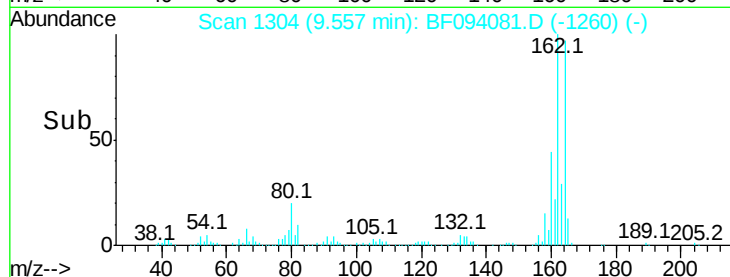
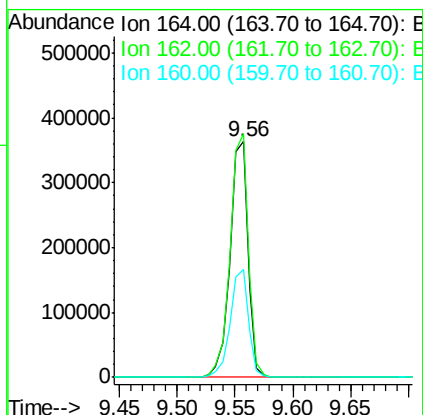
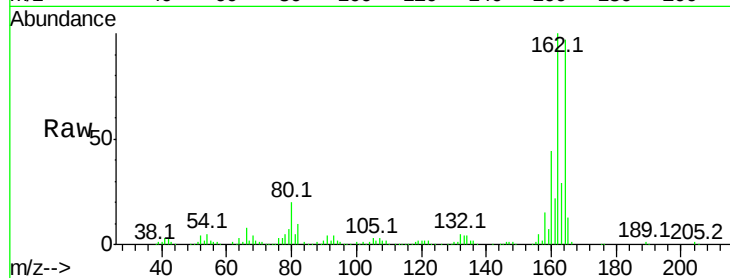
Time-->



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.56 min Scan# 1304
 Delta R.T. -0.04 min
 Lab File: BF094081.D
 Acq: 31 Mar 2017 1:56

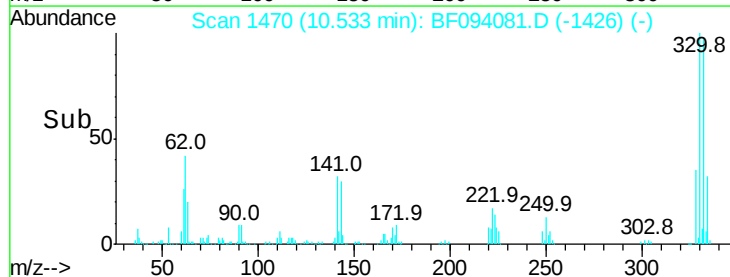
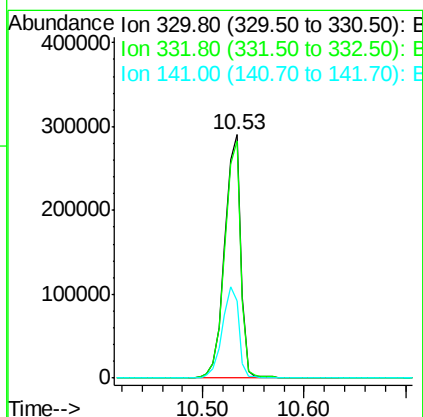
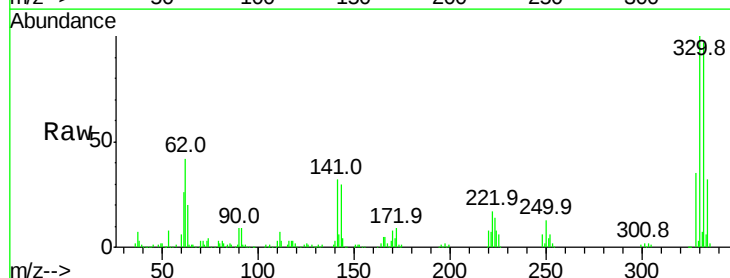
Instrument :
 BNA_F
 ClientSampleId :
 SW-4(1.5-2)

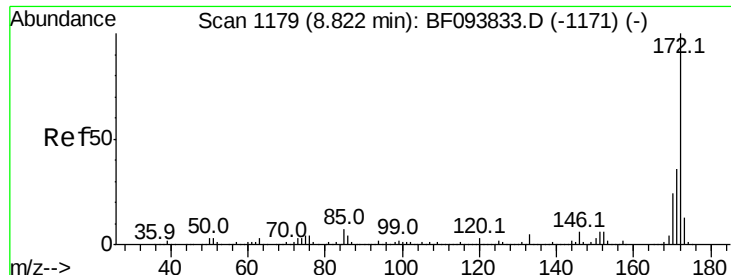
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.6	123.8
160	45.6	36.2	54.2



#41
 2,4,6-Tribromophenol
 Concen: 103.49 ng
 RT: 10.53 min Scan# 1470
 Delta R.T. -0.04 min
 Lab File: BF094081.D
 Acq: 31 Mar 2017 1:56

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	115.0
141	38.4	31.4	47.2

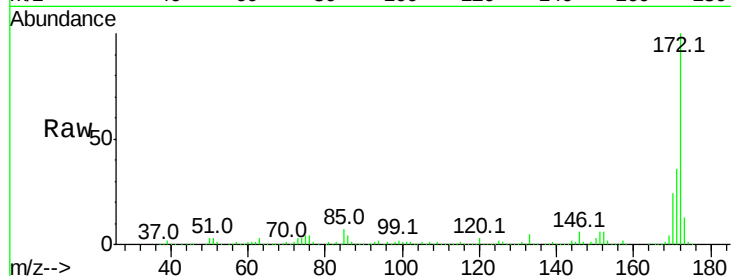




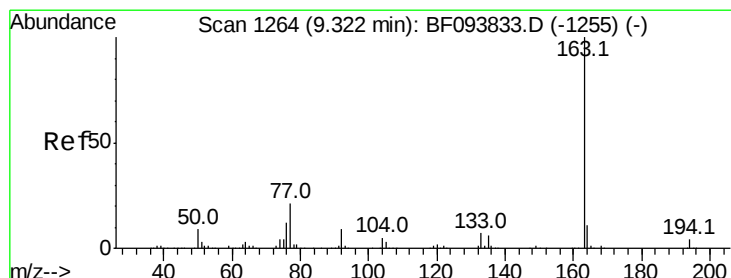
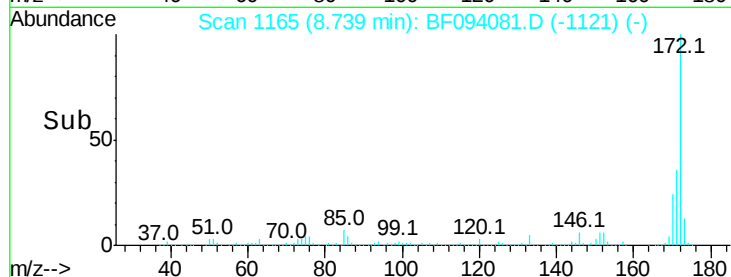
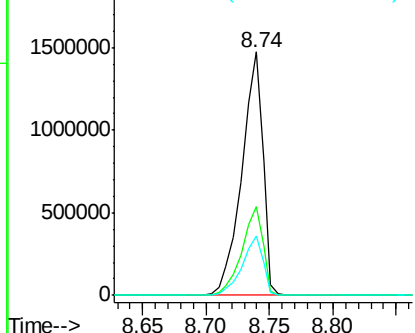
#44
2-Fluorobiphenyl
Concen: 66.12 ng
RT: 8.74 min Scan# 1165
Delta R.T. -0.04 min
Lab File: BF094081.D
Acq: 31 Mar 2017 1:56

Instrument :
BNA_F
ClientSampleId :
SW-4(1.5-2)

Tot Ion:172 Resp: 1699914
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 24.3 19.8 29.8

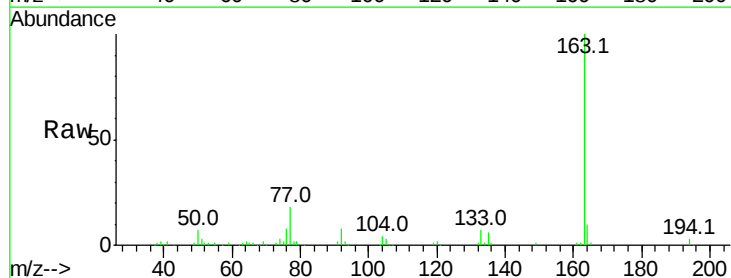


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

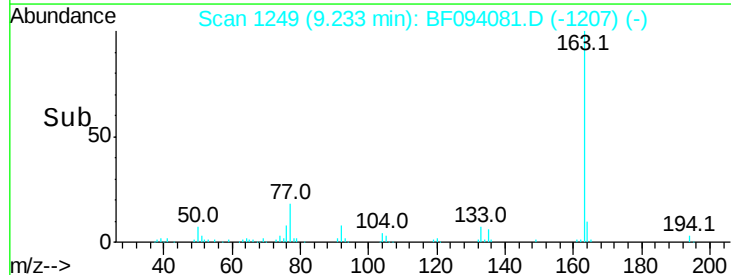
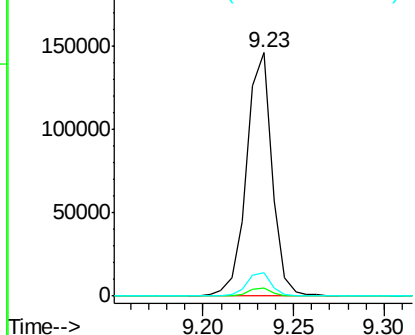


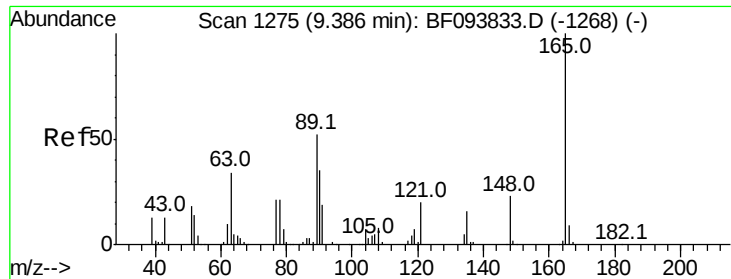
#49
Dimethylphthalate
Concen: 5.12 ng
RT: 9.23 min Scan# 1249
Delta R.T. -0.05 min
Lab File: BF094081.D
Acq: 31 Mar 2017 1:56

Tgt Ion:163 Resp: 142714
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 9.7 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
200000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

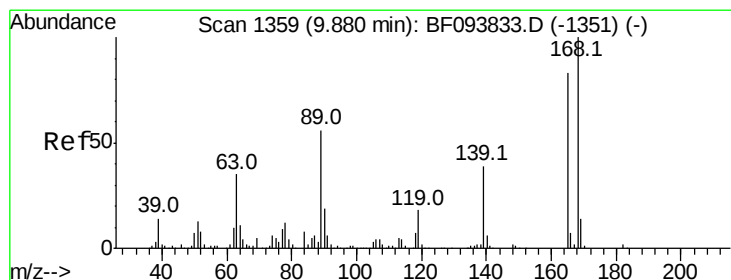
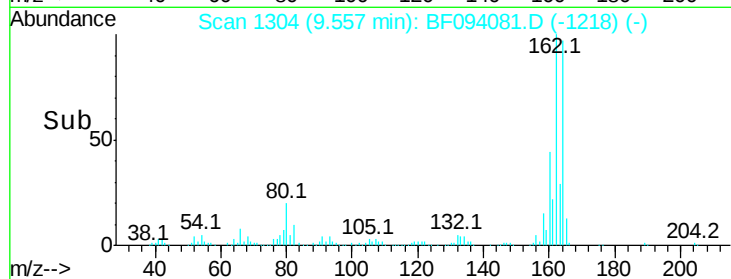
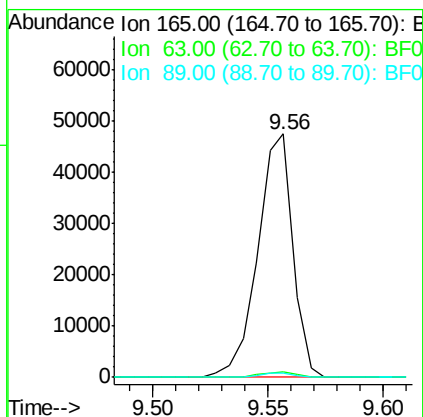
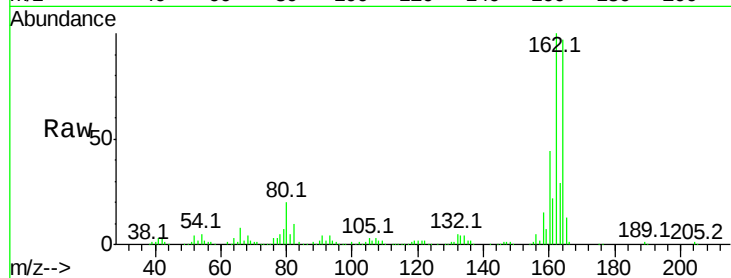




#50
 2,6-Dinitrotoluene
 Concen: 7.86 ng
 RT: 9.56 min Scan# 1304
 Delta R.T. 0.21 min
 Lab File: BF094081.D
 Acq: 31 Mar 2017 1:56

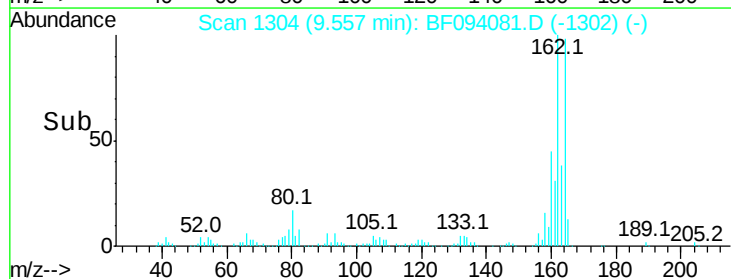
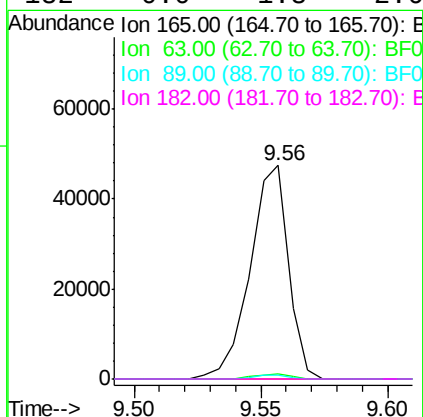
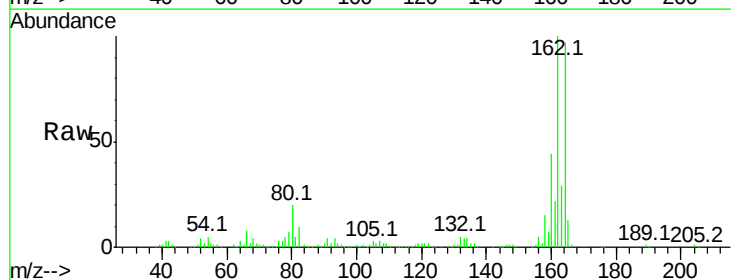
Instrument :
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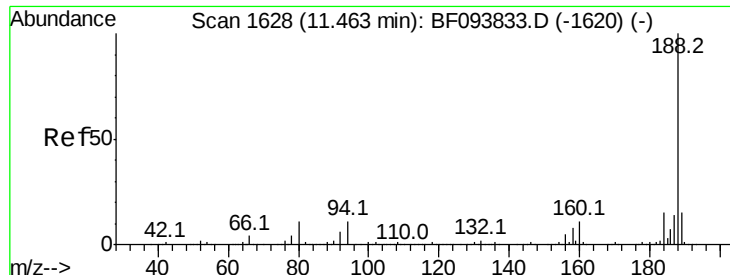
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.4	34.3	51.5#
89	1.9	37.1	55.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.25 ng
 RT: 9.56 min Scan# 1304
 Delta R.T. -0.29 min
 Lab File: BF094081.D
 Acq: 31 Mar 2017 1:56

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.4	25.4	38.0#
89	1.9	46.4	69.6#
182	0.0	1.8	2.6#

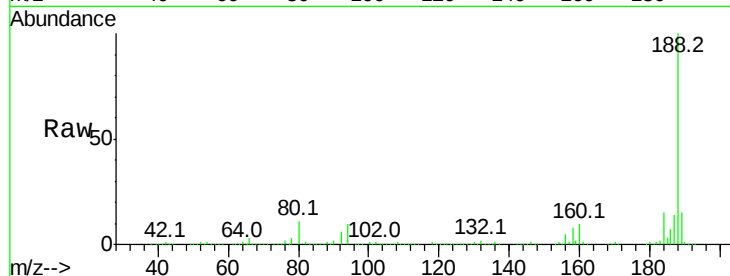




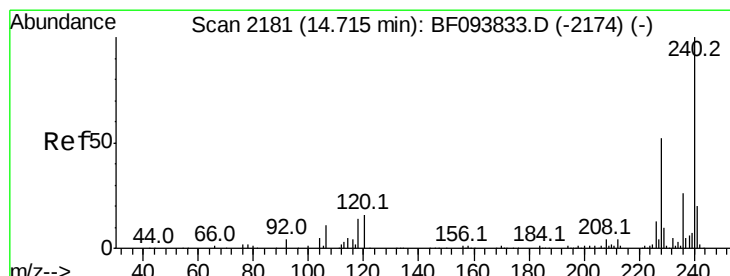
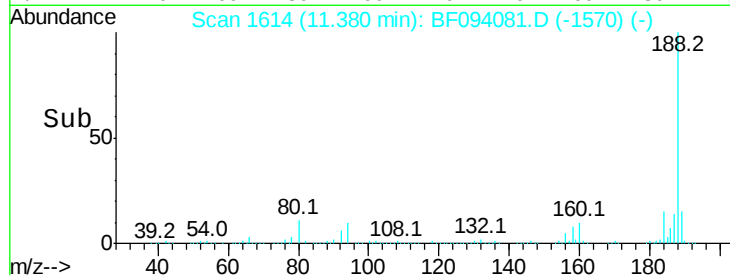
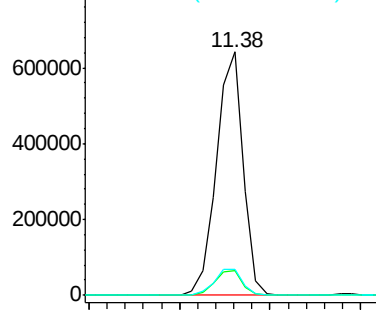
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 1614
Delta R.T. -0.04 min
Lab File: BF094081.D
Acq: 31 Mar 2017 1:56

Instrument :
BNA_F
ClientSampleId :
SW-4(1.5-2)

Tot Ion:188 Resp: 656465
Ion Ratio Lower Upper
188 100
94 10.4 9.4 14.2
80 10.9 10.2 15.2

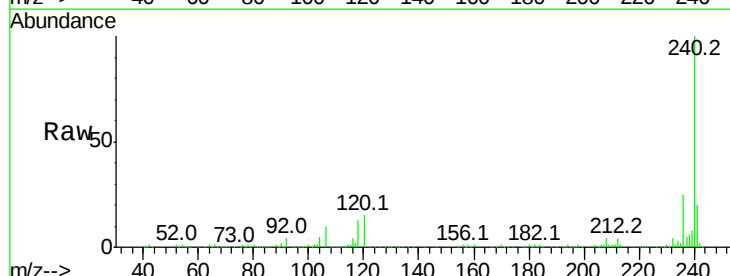


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

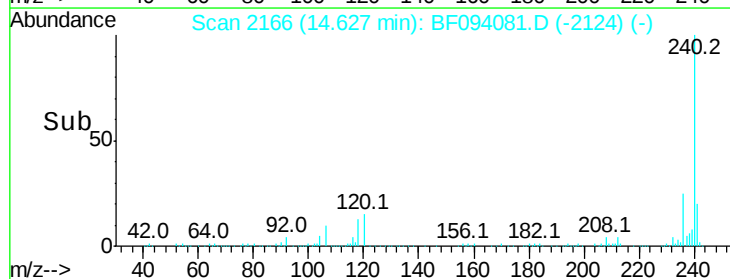
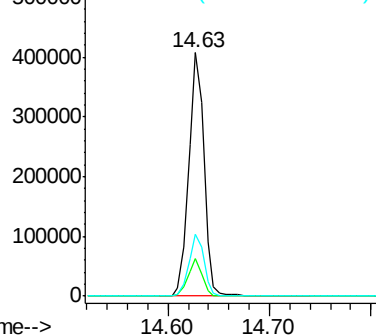


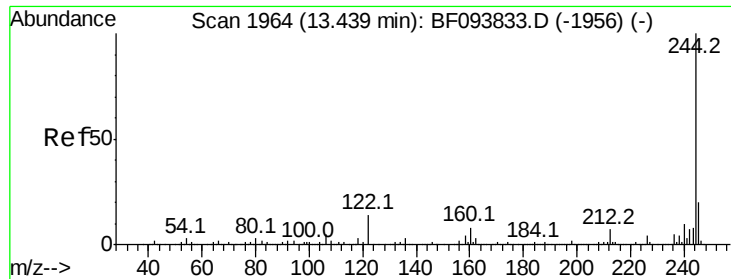
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.63 min Scan# 2166
Delta R.T. -0.05 min
Lab File: BF094081.D
Acq: 31 Mar 2017 1:56

Tgt Ion:240 Resp: 426171
Ion Ratio Lower Upper
240 100
120 15.2 5.8 8.8#
236 25.3 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

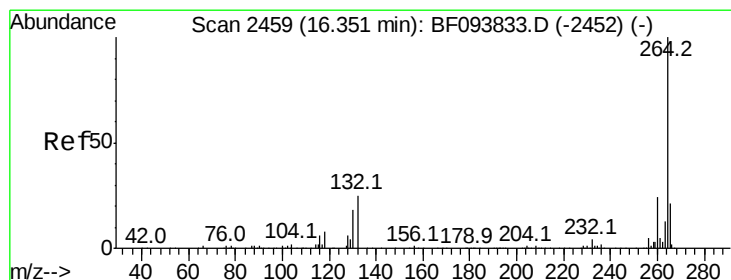
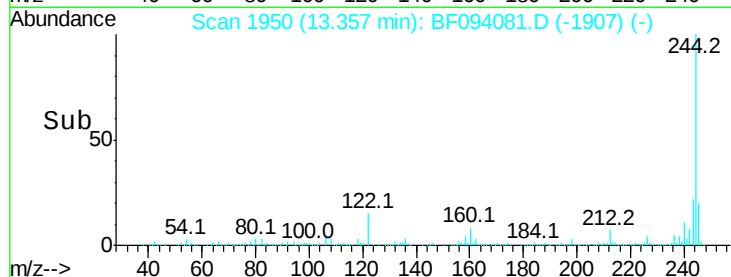
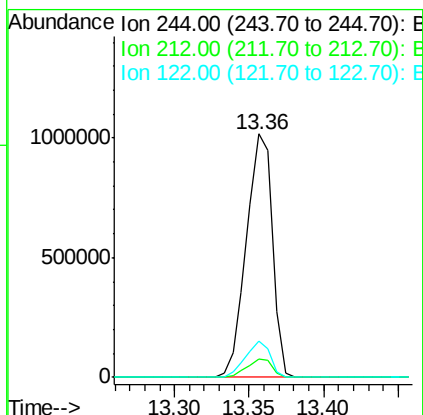
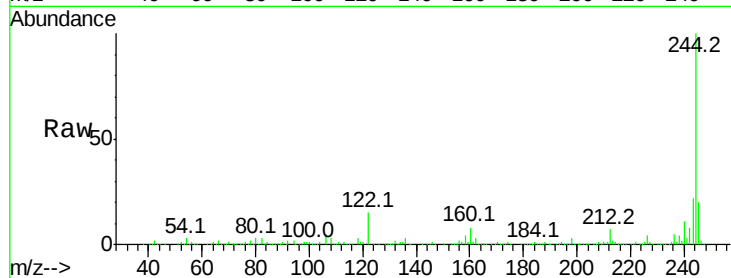




#78
 Terphenyl-d14
 Concen: 64.24 ng
 RT: 13.36 min Scan# 1950
 Delta R.T. -0.05 min
 Lab File: BF094081.D
 Acq: 31 Mar 2017 1:56

Instrument :
 BNA_F
 ClientSampleId :
 SW-4(1.5-2)

Tot Ion:244 Resp: 1221430
 Ion Ratio Lower Upper
 244 100
 212 7.4 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: BF094081.D
 Acq: 31 Mar 2017 1:56

Tgt Ion:264 Resp: 311449
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.5 29.3
 265 21.4 17.2 25.8

