

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040717\
 Data File : BF094279.D
 Acq On : 7 Apr 2017 18:12
 Operator : SJ/MA
 Sample : I2581-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Apr 07 22:59:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

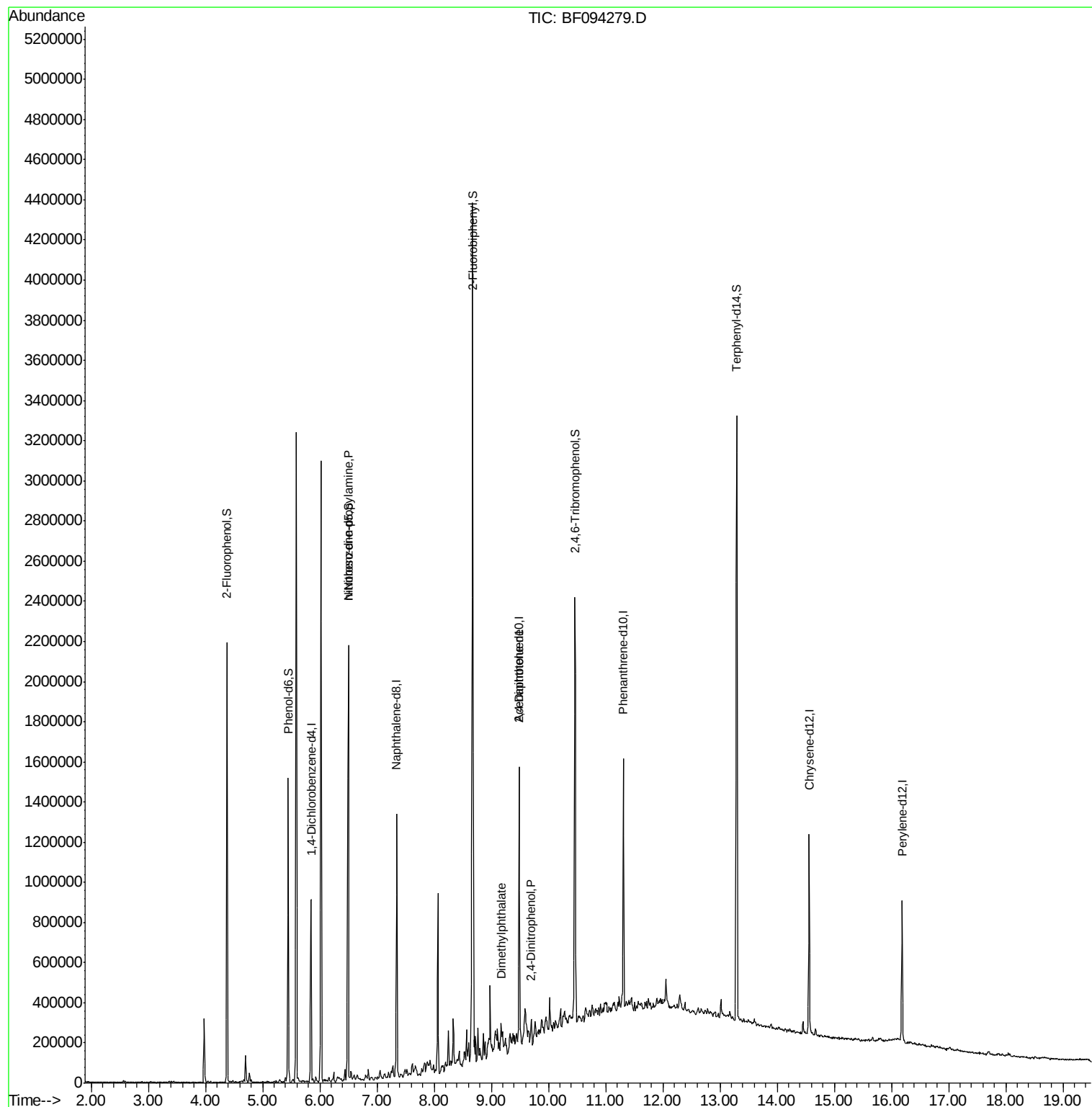
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	154754	20.00	ng	-0.01
21) Naphthalene-d8	7.35	136	624418	20.00	ng	-0.02
38) Acenaphthene-d10	9.49	164	285628	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	493723	20.00	ng	-0.01
75) Chrysene-d12	14.56	240	397227	20.00	ng	-0.01
86) Perylene-d12	16.19	264	280229	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.38	112	652392	71.20	ng	-0.01
7) Phenol-d6	5.45	99	563558	49.72	ng	-0.02
23) Nitrobenzene-d5	6.50	82	919556	84.04	ng	-0.01
41) 2,4,6-Tribromophenol	10.46	330	309272	137.02	ng	-0.01
44) 2-Fluorobiphenyl	8.67	172	1655737	88.42	ng	-0.01
78) Terphenyl-d14	13.29	244	1218919	68.78	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.50	70	122339	16.79	ng	# 75
49) Dimethylphthalate	9.17	163	50927	2.51	ng	99
53) 2,4-Dinitrophenol	9.69	184	114	4.71	ng	# 1
56) 2,4-Dinitrotoluene	9.49	165	36685	6.27	ng	# 39

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

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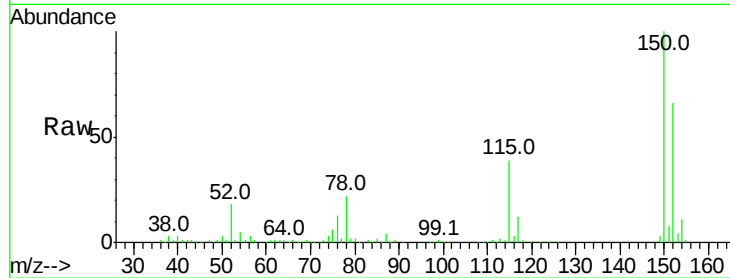


#1

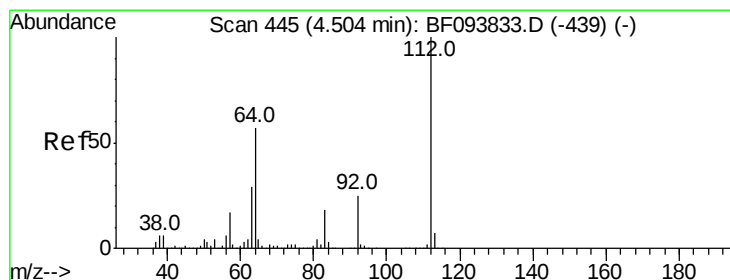
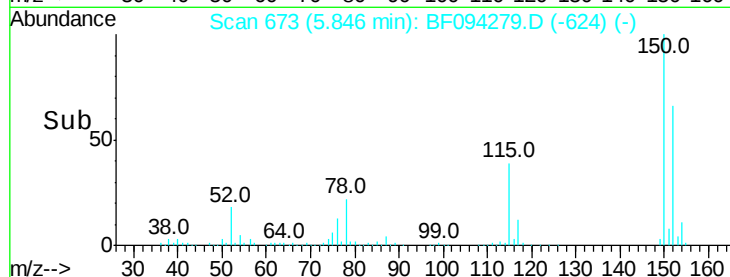
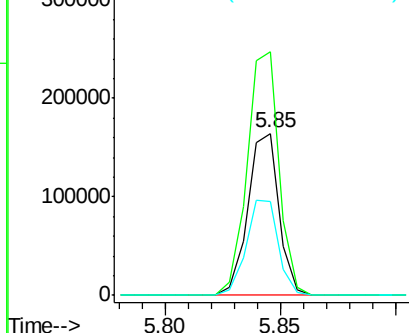
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.85 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BF094279.D
 Acq: 7 Apr 2017 18:12

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tot Ion:152 Resp: 154754
 Ion Ratio Lower Upper
 152 100
 150 150.6 126.2 189.2
 115 58.4 52.2 78.2



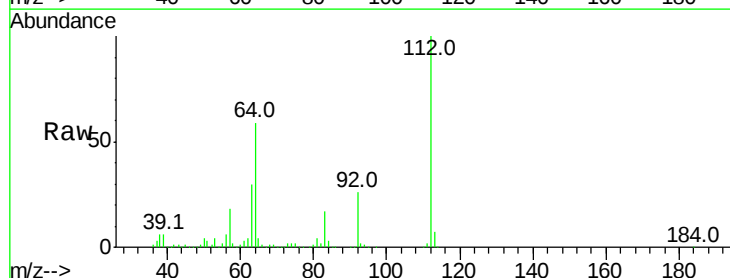
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



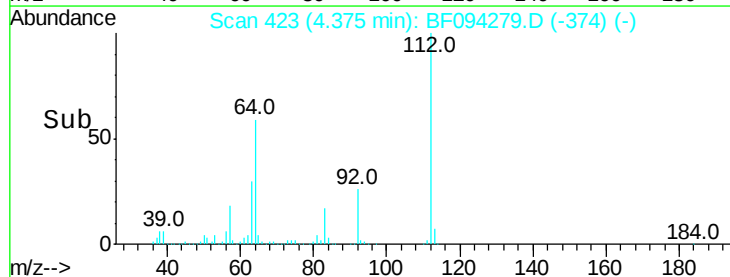
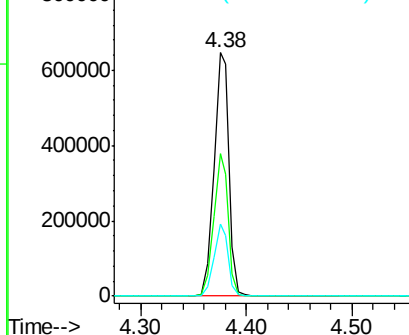
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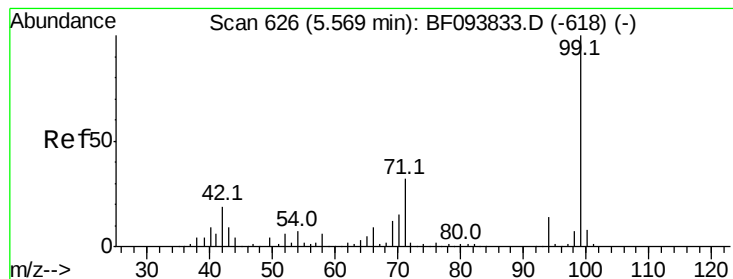
2-Fluorophenol
 Concen: 71.20 ng
 RT: 4.38 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: BF094279.D
 Acq: 7 Apr 2017 18:12

Tgt Ion:112 Resp: 652392
 Ion Ratio Lower Upper
 112 100
 64 58.7 46.0 69.0
 63 29.6 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: 49.72 ng

RT: 5.45 min Scan# 605

Delta R.T. -0.02 min

Lab File: BF094279.D

Acq: 7 Apr 2017 18:12

Instrument :

BNA_F

ClientSampleId :

MW-1

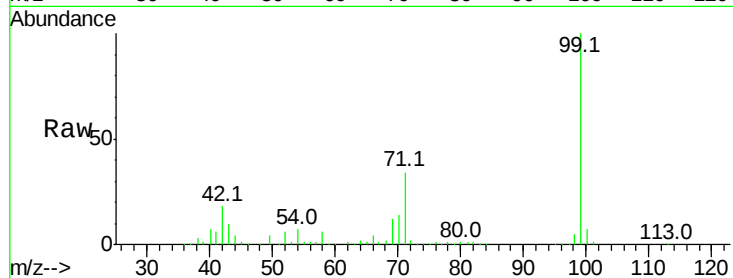
Tot Ion: 99 Resp: 563558

Ion Ratio Lower Upper

99 100

42 18.1 13.5 20.3

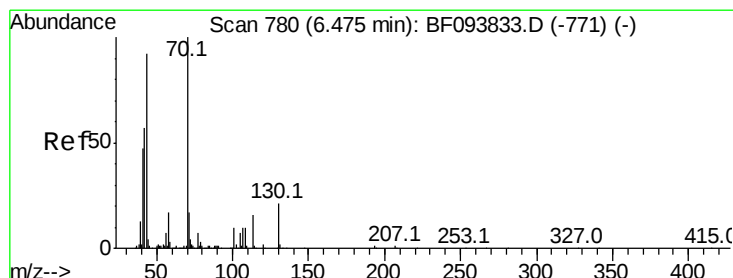
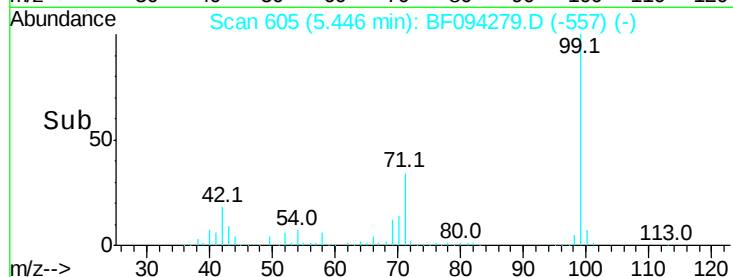
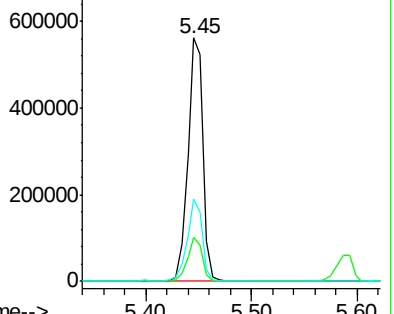
71 33.7 24.5 36.7



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: 16.79 ng

RT: 6.50 min Scan# 784

Delta R.T. 0.15 min

Lab File: BF094279.D

Acq: 7 Apr 2017 18:12

Tgt Ion: 70 Resp: 122339

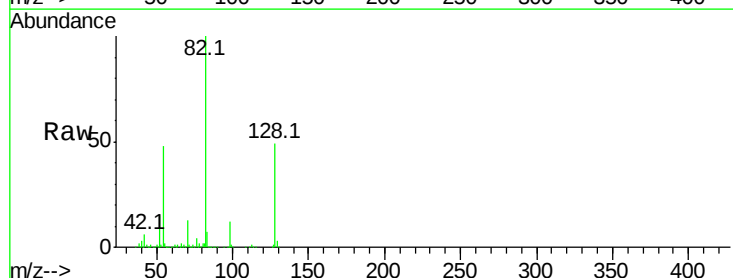
Ion Ratio Lower Upper

70 100

42 43.2 47.2 70.8#

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#

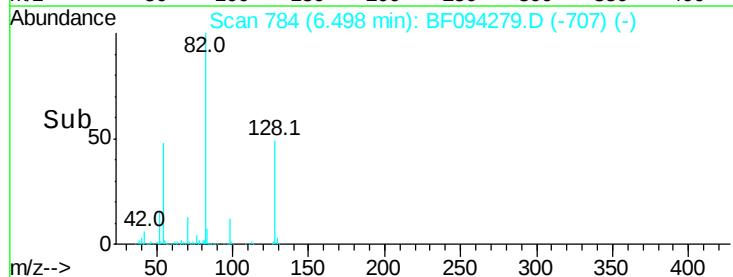
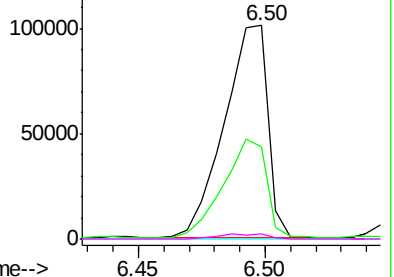


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

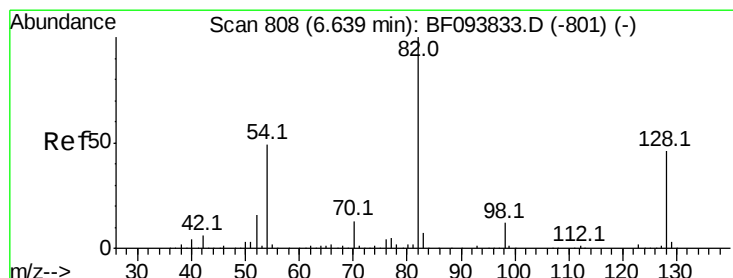
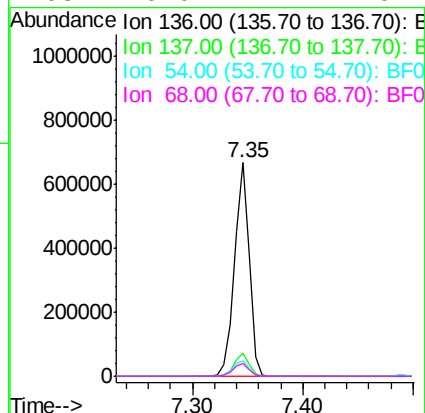
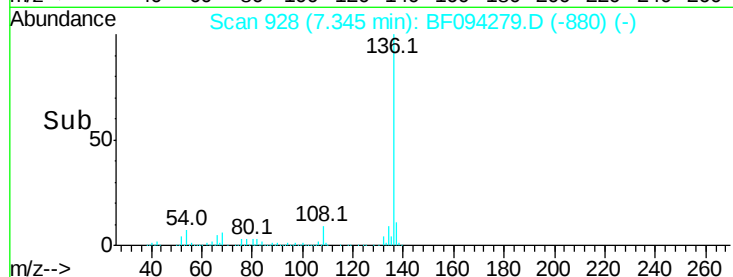
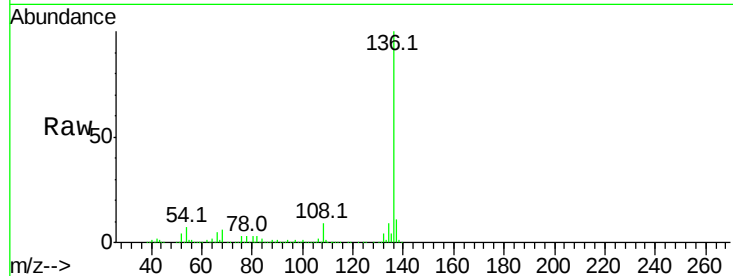




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.35 min Scan# 928
Delta R.T. -0.02 min
Lab File: BF094279.D
Acq: 7 Apr 2017 18:12

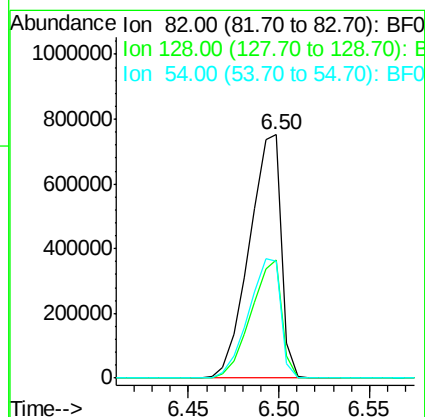
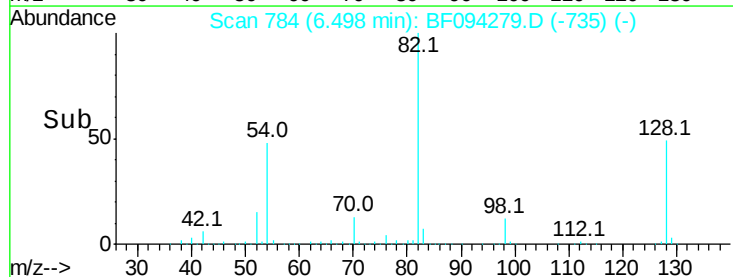
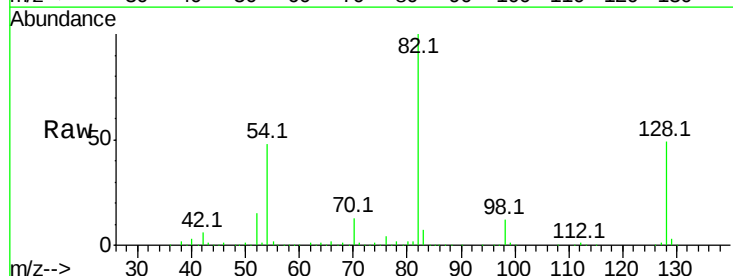
Instrument :
BNA_F
ClientSampleId :
MW-1

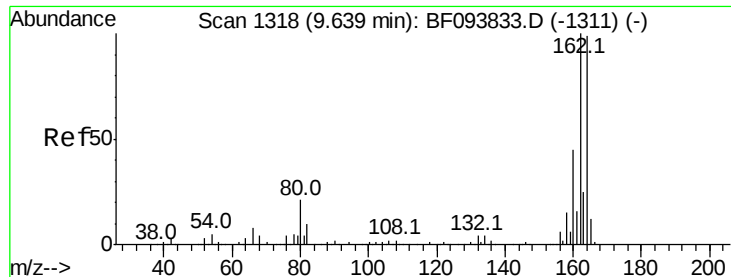
Tot Ion:	136	Resp:	624418
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	7.2	4.9	7.3
68	6.0	4.1	6.1



#23
Nitrobenzene-d5
Concen: 84.04 ng
RT: 6.50 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF094279.D
Acq: 7 Apr 2017 18:12

Tgt Ion:	82	Resp:	919556
Ion	Ratio	Lower	Upper
82	100		
128	48.6	34.0	51.0
54	48.0	42.2	63.2

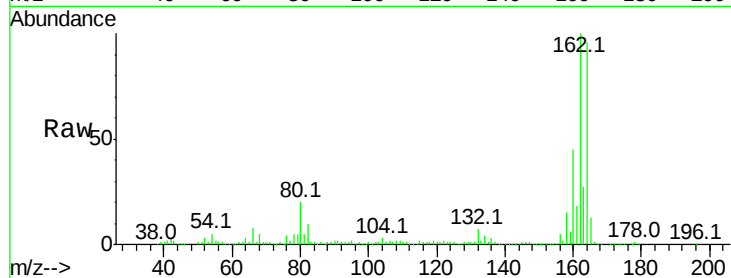




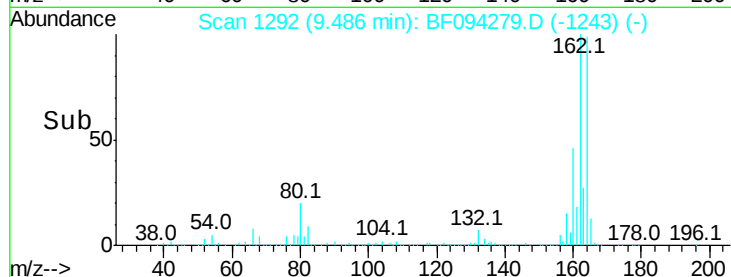
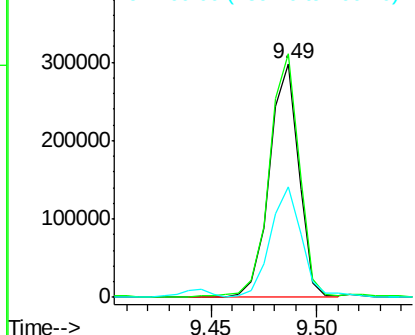
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.49 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BF094279.D
 Acq: 7 Apr 2017 18:12

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.6	123.8
160	47.1	36.2	54.2

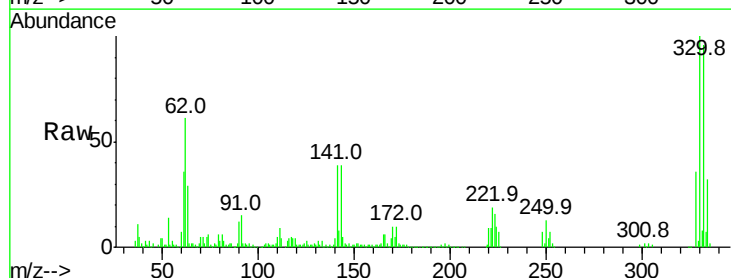


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

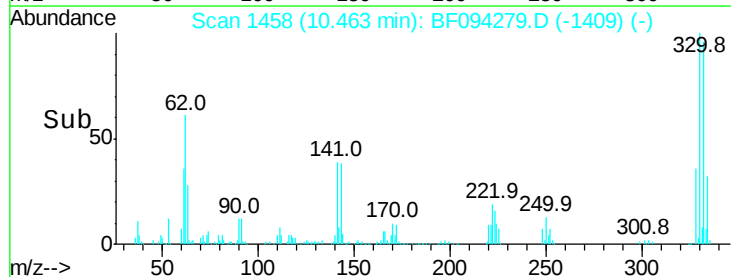
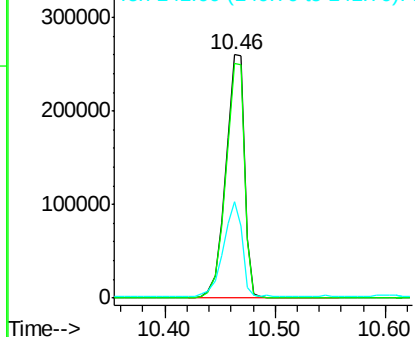


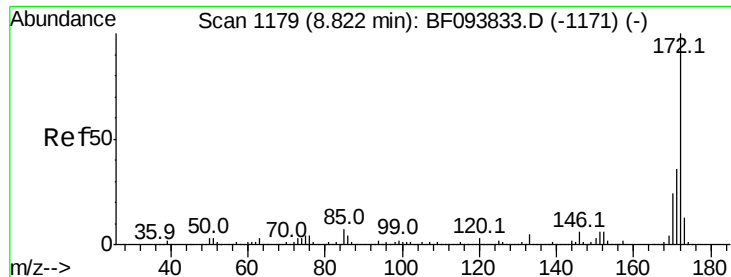
#41
 2,4,6-Tribromophenol
 Concen: 137.02 ng
 RT: 10.46 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF094279.D
 Acq: 7 Apr 2017 18:12

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	115.0
141	38.4	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



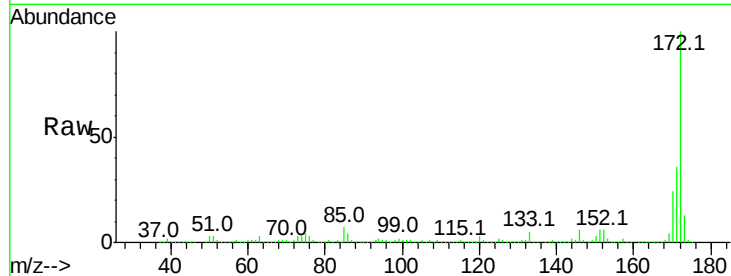


#44
 2-Fluorobiphenyl
 Concen: 88.42 ng
 RT: 8.67 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF094279.D
 Acq: 7 Apr 2017 18:12

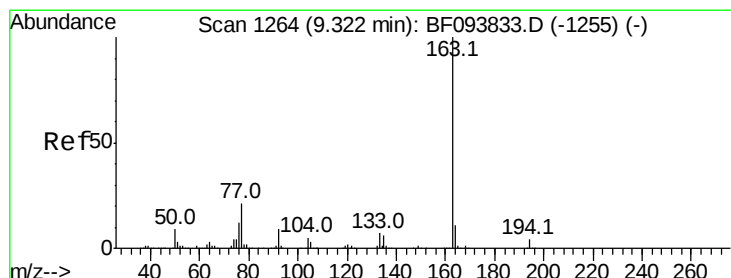
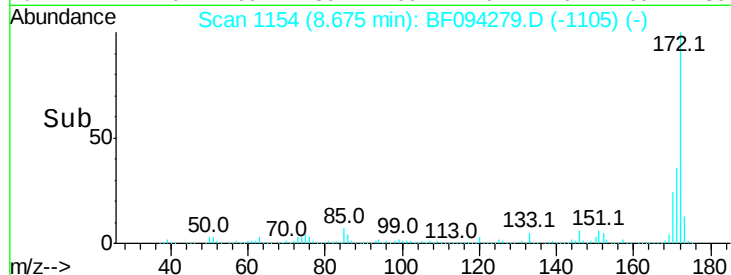
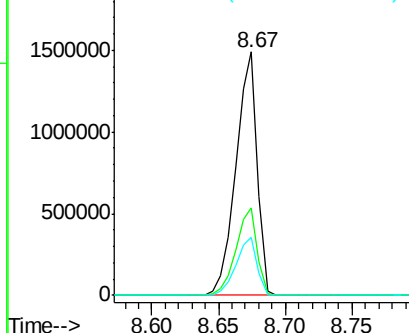
Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tot Ion:172 Resp: 1655737

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	23.9	19.8	29.8



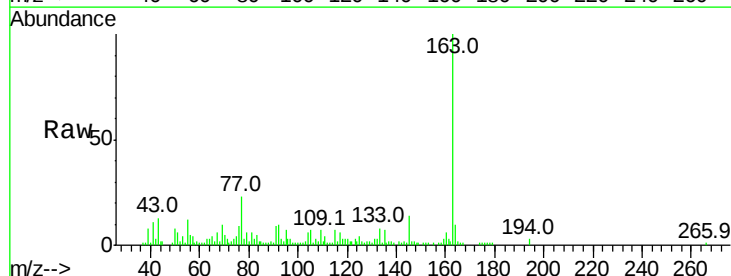
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



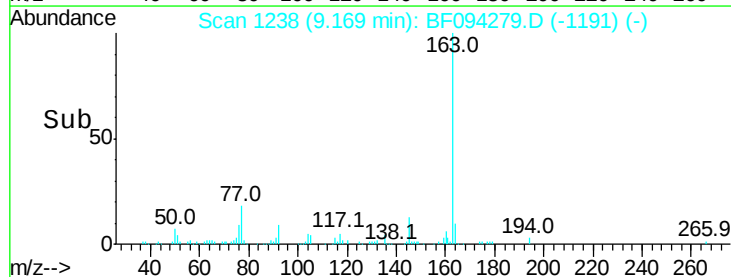
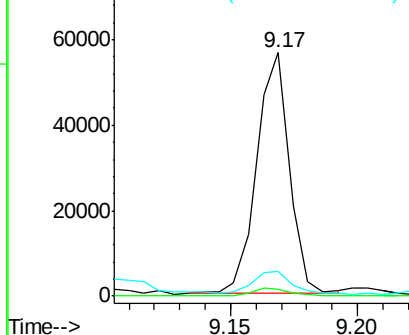
#49
 Dimethylphthalate
 Concen: 2.51 ng
 RT: 9.17 min Scan# 1238
 Delta R.T. -0.02 min
 Lab File: BF094279.D
 Acq: 7 Apr 2017 18:12

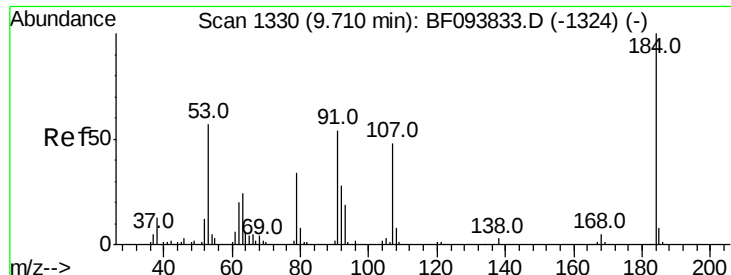
Tgt Ion:163 Resp: 50927

Ion	Ratio	Lower	Upper
163	100		
194	3.1	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

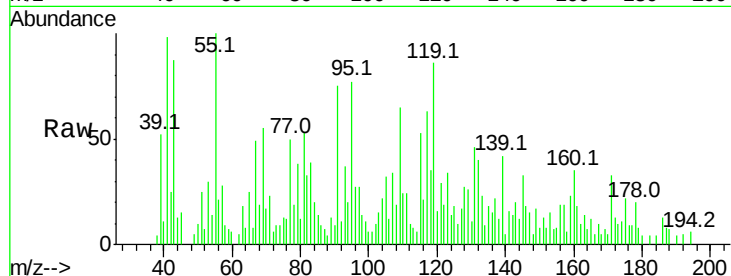




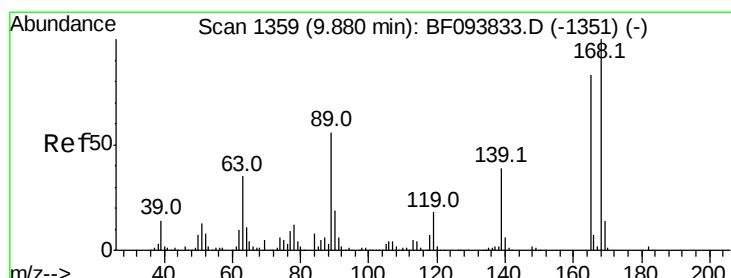
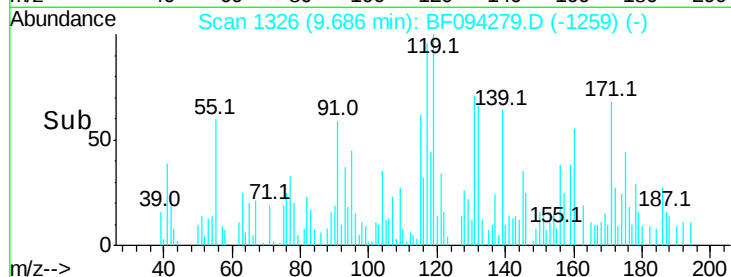
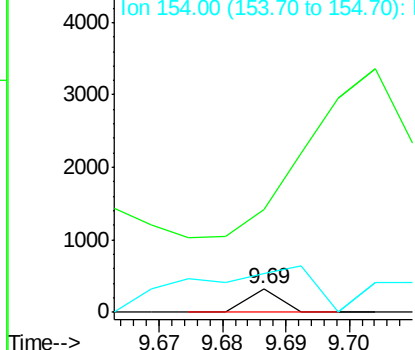
#53
 2,4-Dinitrophenol
 Concen: 4.71 ng
 RT: 9.69 min Scan# 1326
 Delta R.T. 0.09 min
 Lab File: BF094279.D
 Acq: 7 Apr 2017 18:12

Instrument :
 BNA_F
 ClientSampled :
 MW-1

Tot Ion:184 Resp: 114
 Ion Ratio Lower Upper
 184 100
 63 440.6 62.7 94.1#
 154 163.8 81.1 121.7#

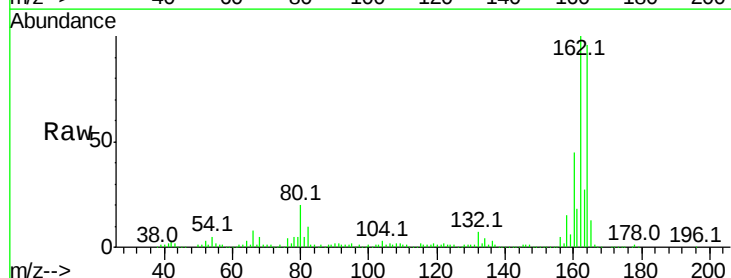


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

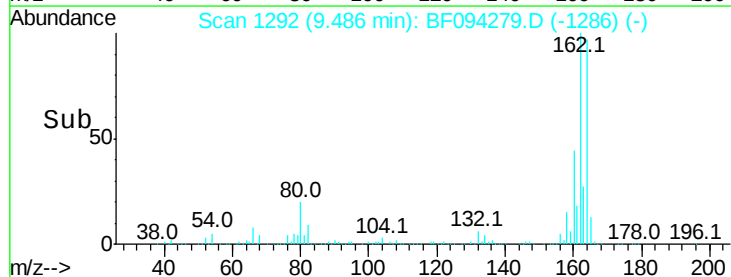
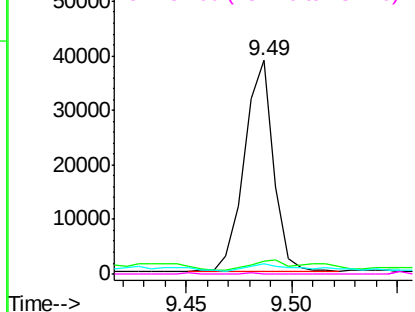


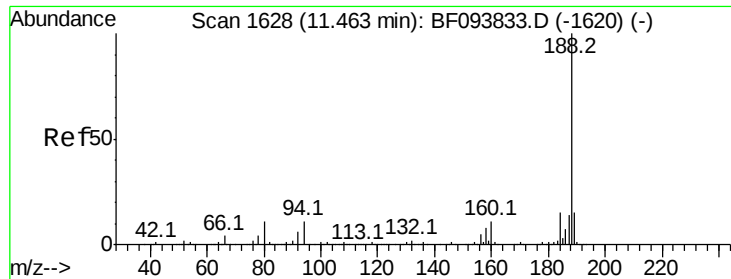
#56
 2,4-Dinitrotoluene
 Concen: 6.27 ng
 RT: 9.49 min Scan# 1292
 Delta R.T. -0.26 min
 Lab File: BF094279.D
 Acq: 7 Apr 2017 18:12

Tgt Ion:165 Resp: 36685
 Ion Ratio Lower Upper
 165 100
 63 6.2 25.4 38.0#
 89 4.8 46.4 69.6#
 182 0.0 1.8 2.6#



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

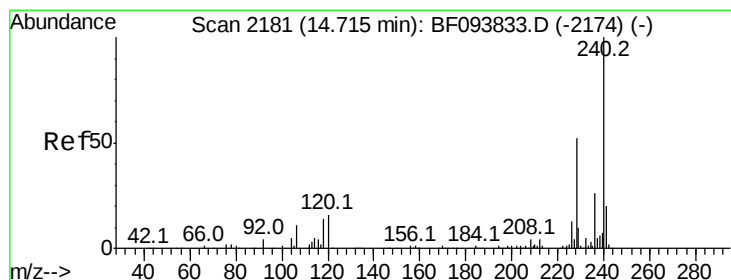
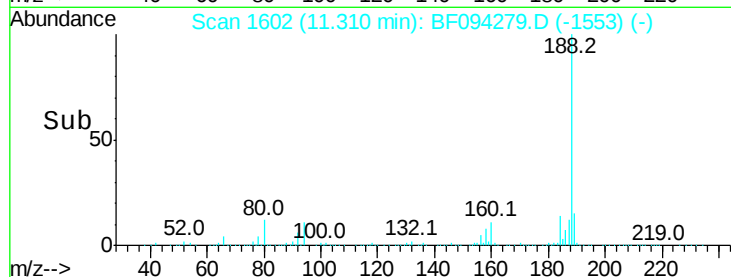
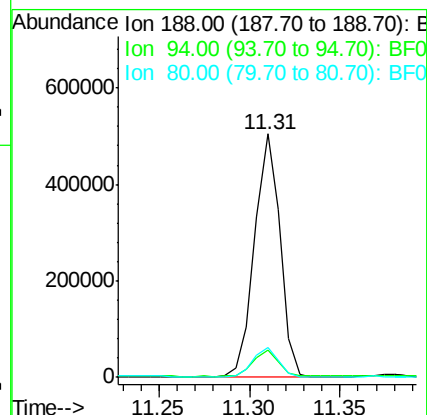
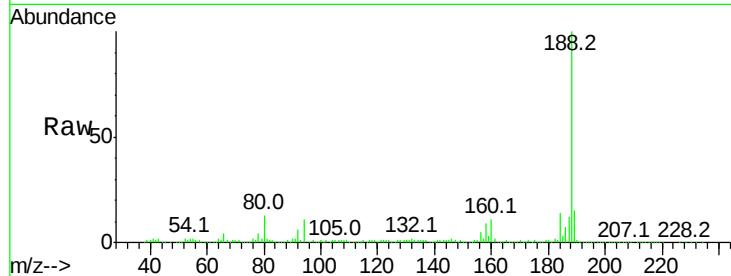




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF094279.D
Acq: 7 Apr 2017 18:12

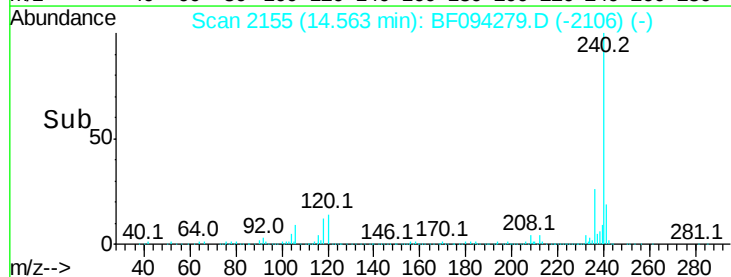
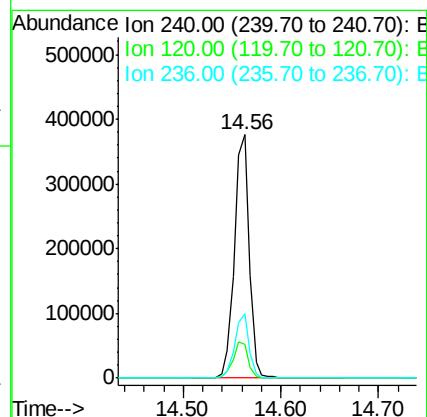
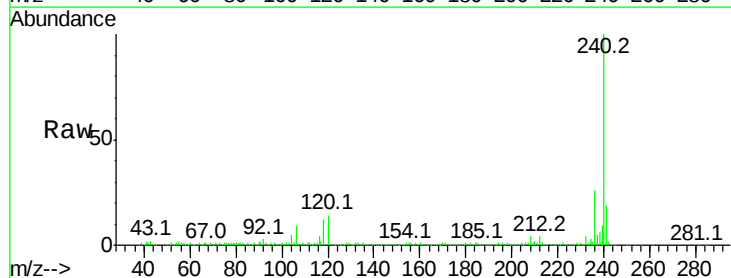
Instrument :
BNA_F
ClientSampleId :
MW-1

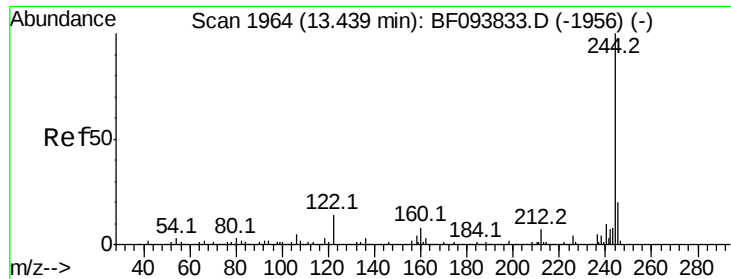
Tot Ion:188 Resp: 493723
Ion Ratio Lower Upper
188 100
94 11.3 9.4 14.2
80 12.5 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.56 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BF094279.D
Acq: 7 Apr 2017 18:12

Tgt Ion:240 Resp: 397227
Ion Ratio Lower Upper
240 100
120 13.8 5.8 8.8#
236 26.5 20.5 30.7

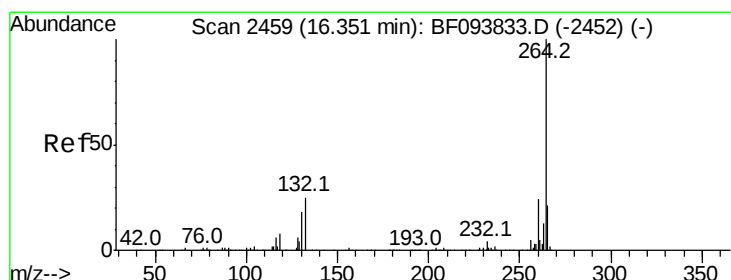
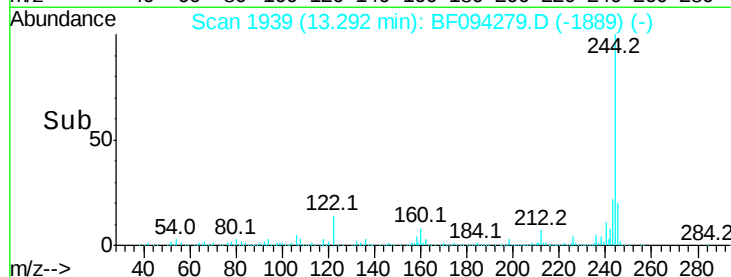
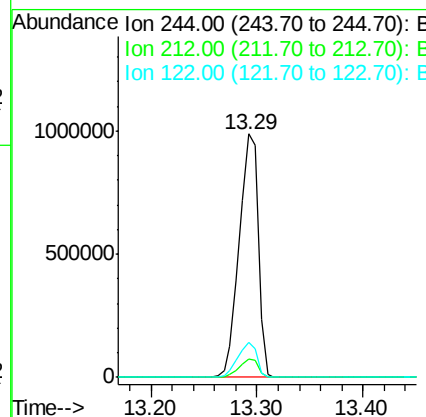
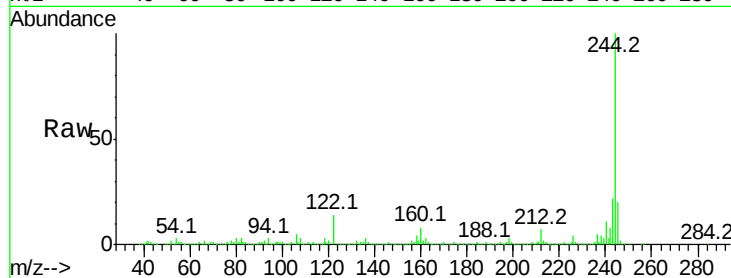




#78
 Terphenyl-d14
 Concen: 68.78 ng
 RT: 13.29 min Scan# 1939
 Delta R.T. -0.01 min
 Lab File: BF094279.D
 Acq: 7 Apr 2017 18:12

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tot Ion:244 Resp: 1218919
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 14.4 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.19 min Scan# 2431
 Delta R.T. -0.01 min
 Lab File: BF094279.D
 Acq: 7 Apr 2017 18:12

Tgt Ion:264 Resp: 280229
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.5 29.3
 265 20.7 17.2 25.8

