

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
 Data File : BF093480.D
 Acq On : 9 Mar 2017 16:17
 Operator : SJ/MA
 Sample : I2133-04
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 16:40:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

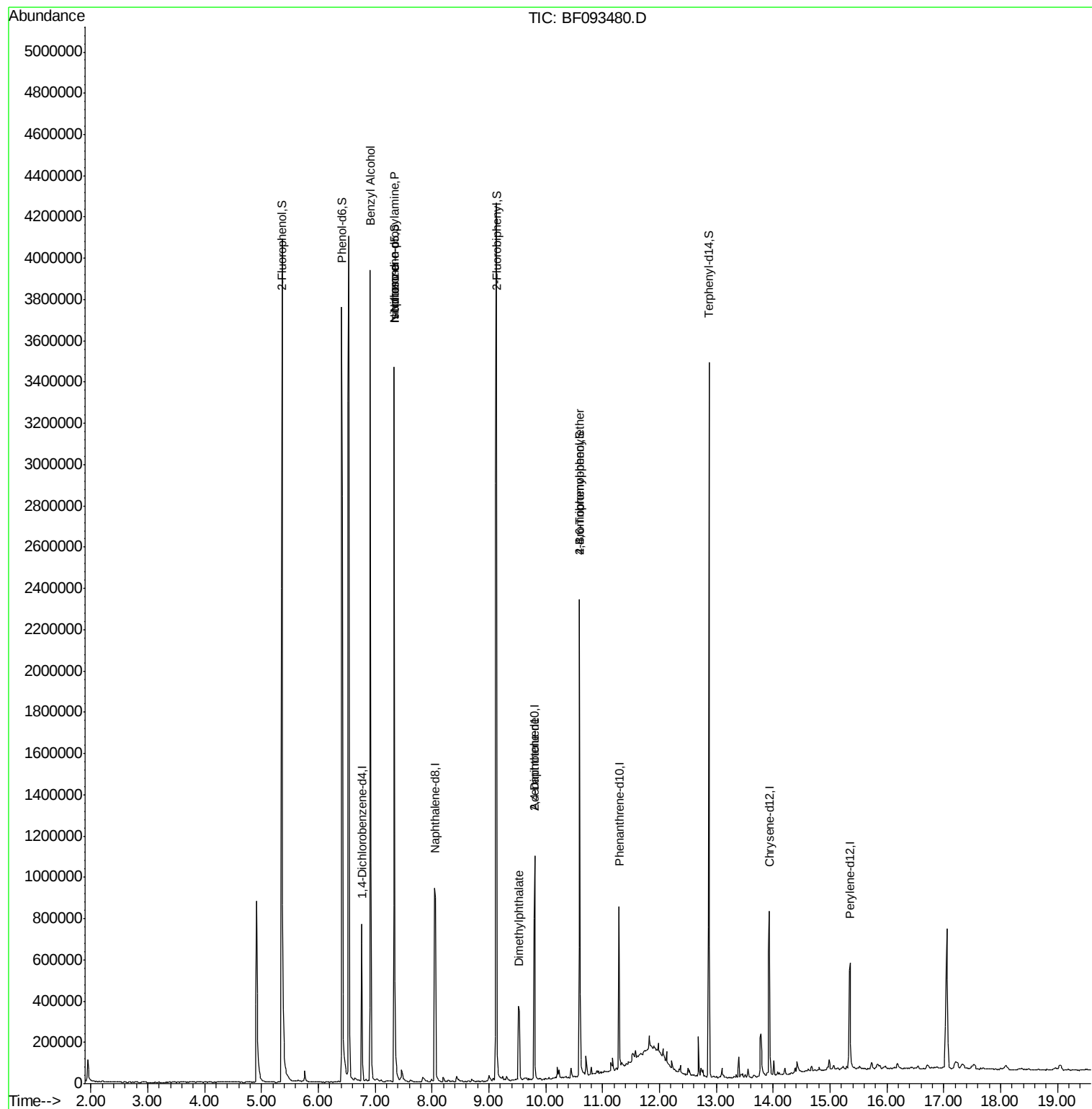
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	167947	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	642596	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	277419	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	431767	20.00	ng	0.01
75) Chrysene-d12	13.93	240	365596	20.00	ng	0.01
86) Perylene-d12	15.35	264	275610	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1554308	154.03	ng	0.01
7) Phenol-d6	6.41	99	1899678	149.29	ng	0.00
23) Nitrobenzene-d5	7.34	82	1181187	101.99	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	248500	137.49	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1727247	115.81	ng	0.00
78) Terphenyl-d14	12.87	244	1048440	74.56	ng	0.00
Target Compounds						
9) Benzaldehyde	6.36	77	3126	Below Cal	#	81
15) Benzyl Alcohol	6.92	79	18154	2.00 ng	#	46
19) n-Nitroso-di-n-propylamine	7.34	70	158047	18.07 ng	#	83
25) Isophorone	7.34	82	961167	41.16 ng	#	65
49) Dimethylphthalate	9.53	163	209436	11.39 ng		99
56) 2,4-Dinitrotoluene	9.81	165	34652	6.99 ng	#	21
66) 4-Bromophenyl-phenylether	10.60	248	19037	4.17 ng	#	1

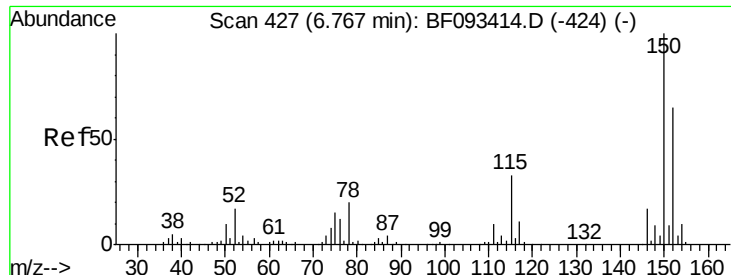
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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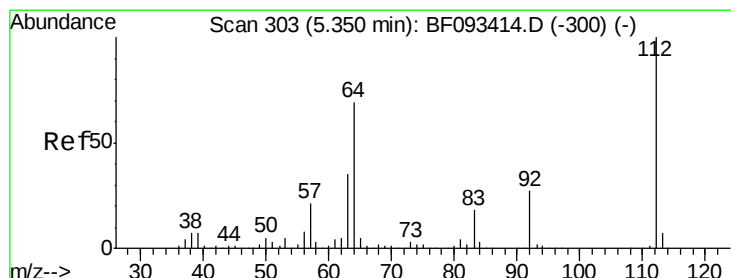
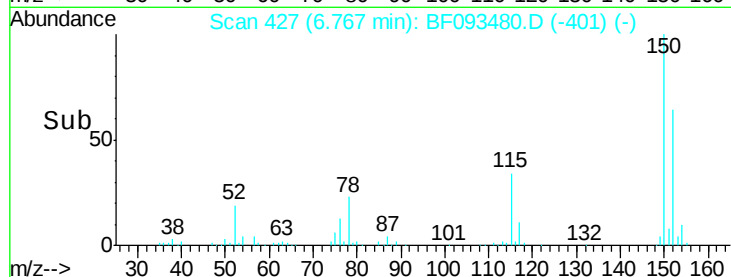
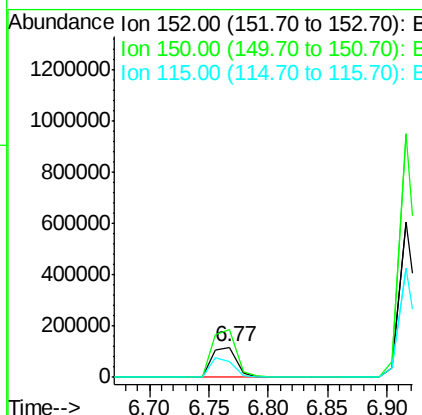
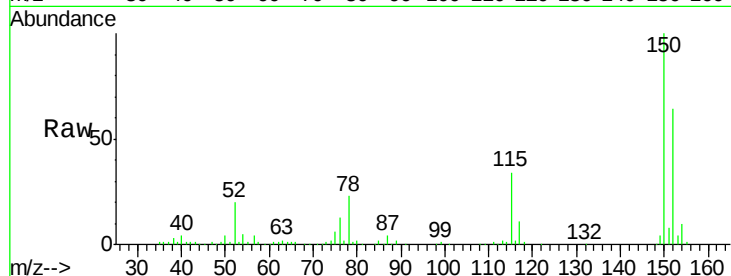




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.77 min Scan# 427
 Delta R.T. -0.00 min
 Lab File: BF093480.D
 Acq: 9 Mar 2017 16:17

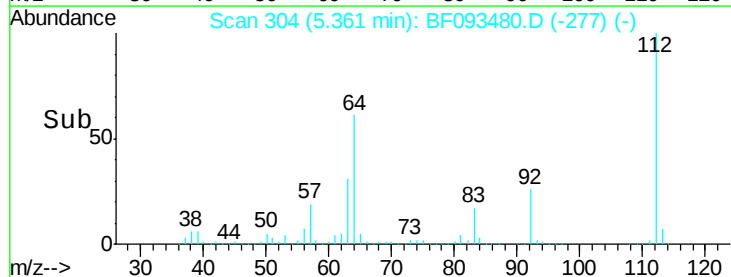
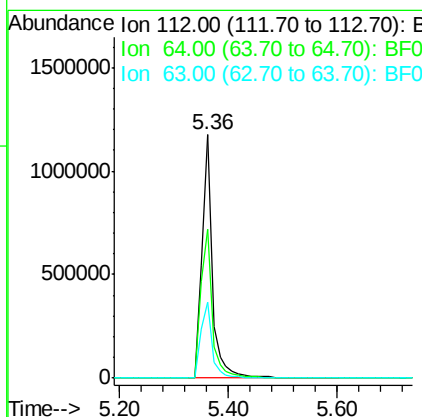
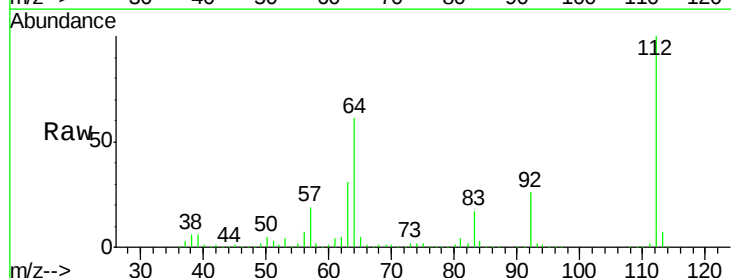
Instrument :
 BNA_F
 ClientSampleId :

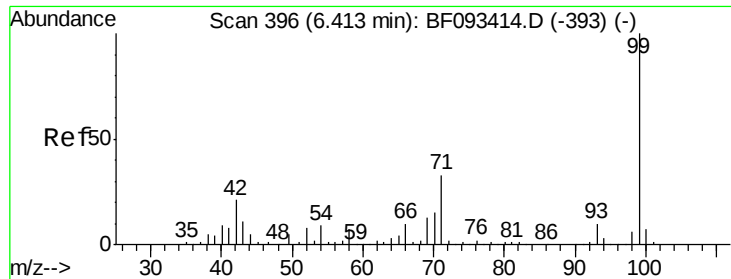
Tot Ion:152 Resp: 167947
 Ion Ratio Lower Upper
 152 100
 150 156.7 124.9 187.3
 115 53.6 46.0 69.0



#5
 2-Fluorophenol
 Concen: 154.03 ng
 RT: 5.36 min Scan# 304
 Delta R.T. 0.01 min
 Lab File: BF093480.D
 Acq: 9 Mar 2017 16:17

Tgt Ion:112 Resp: 1554308
 Ion Ratio Lower Upper
 112 100
 64 61.3 46.1 69.1
 63 31.0 23.8 35.6





#7

Phenol-d6

Concen: 149.29 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF093480.D

Acq: 9 Mar 2017 16:17

Instrument :

BNA_F

ClientSampleId :

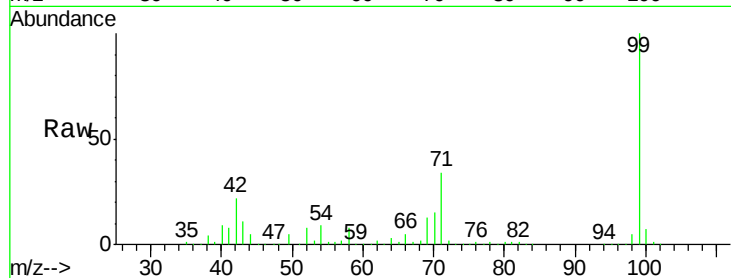
Tot Ion: 99 Resp: 1899678

Ion Ratio Lower Upper

99 100

42 22.4 15.6 23.4

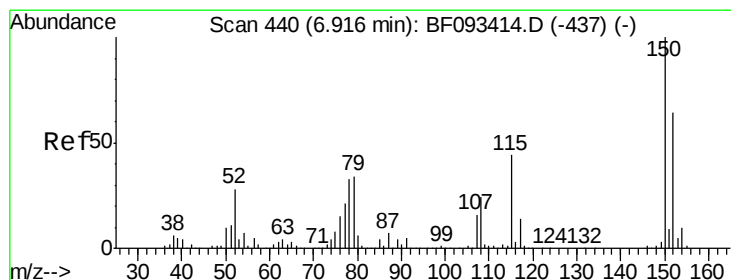
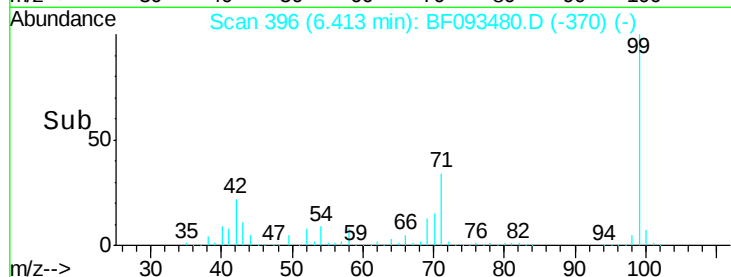
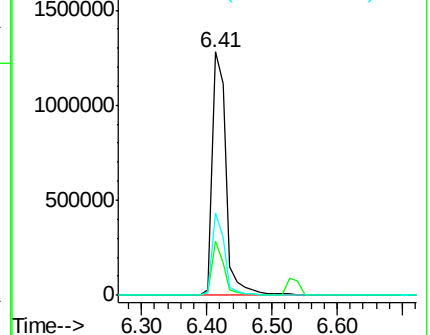
71 33.9 27.5 41.3



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



#15

Benzyl Alcohol

Concen: 2.00 ng

RT: 6.92 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF093480.D

Acq: 9 Mar 2017 16:17

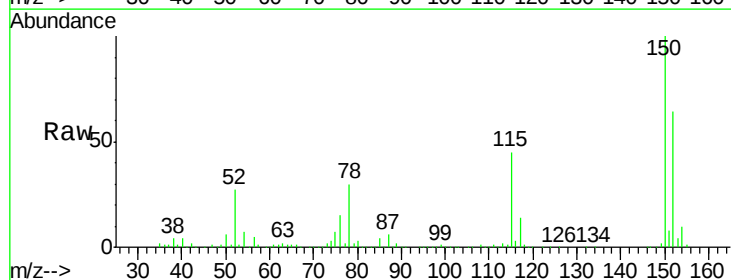
Tgt Ion: 79 Resp: 18154

Ion Ratio Lower Upper

79 100

108 27.2 61.4 92.0#

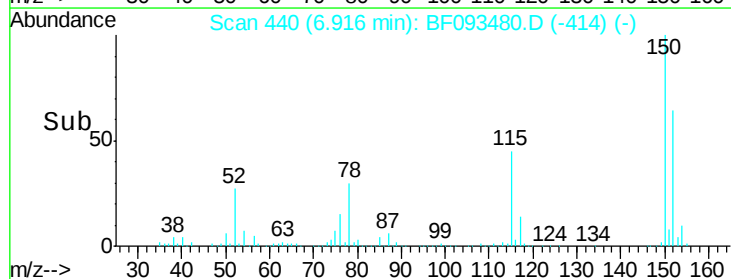
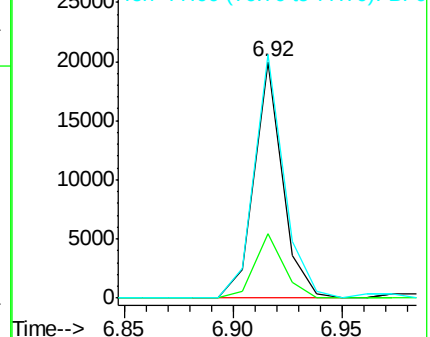
77 103.0 50.9 76.3#

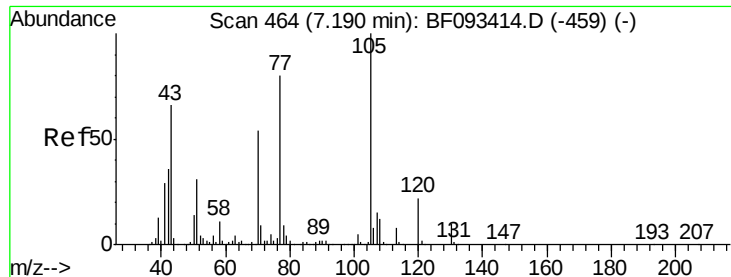


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

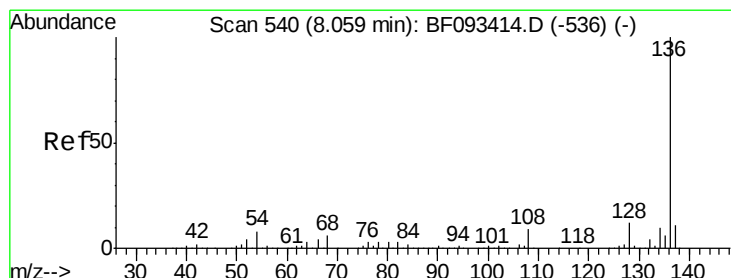
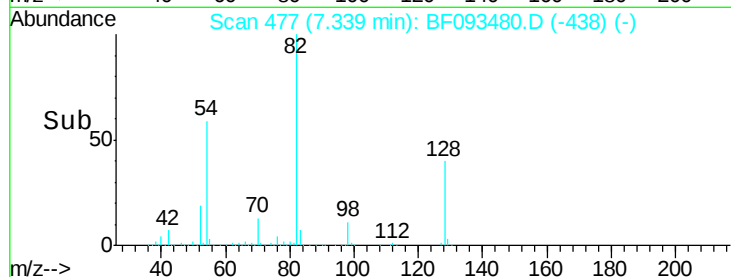
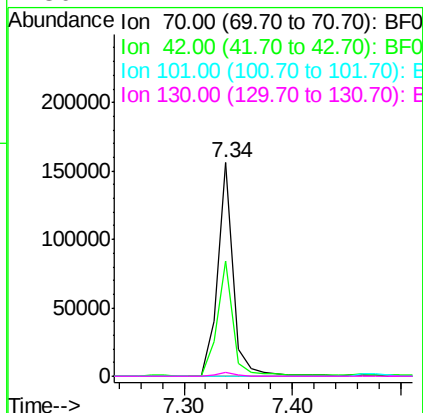
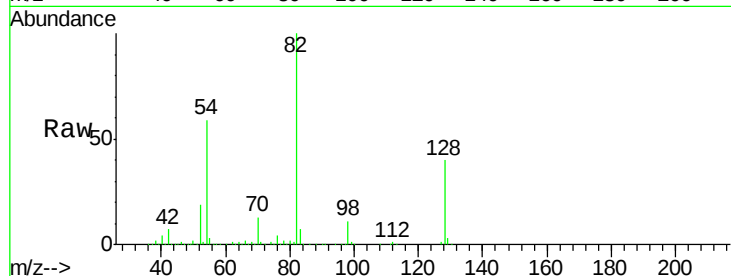




#19
n-Nitroso-di-n-propylamine
Concen: 18.07 ng
RT: 7.34 min Scan# 477
Delta R.T. 0.15 min
Lab File: BF093480.D
Acq: 9 Mar 2017 16:17

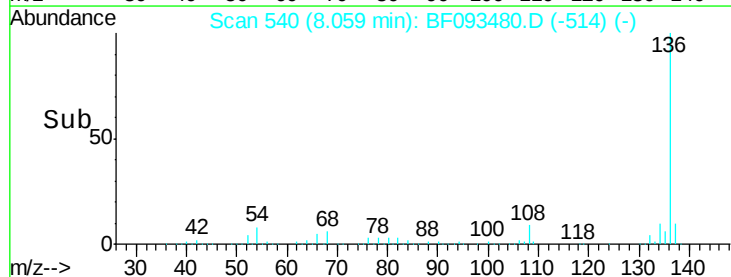
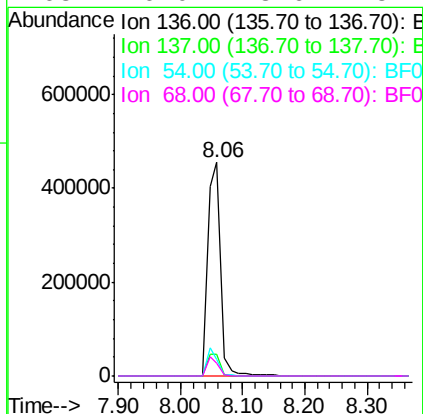
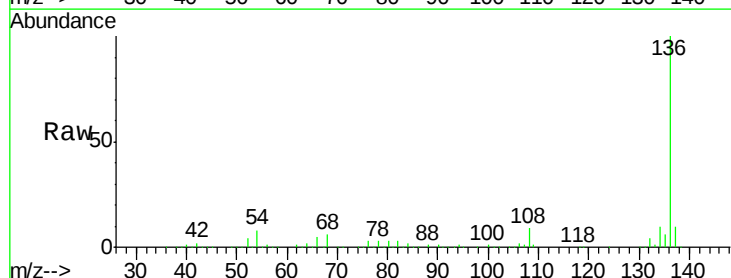
Instrument :
BNA_F
ClientSampled :

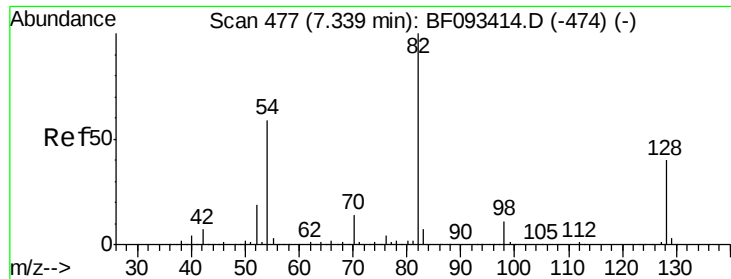
Tot Ion: 70 Resp: 158047
Ion Ratio Lower Upper
70 100
42 53.8 49.4 74.0
101 0.0 7.4 11.2#
130 2.1 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF093480.D
Acq: 9 Mar 2017 16:17

Tgt Ion:136 Resp: 642596
Ion Ratio Lower Upper
136 100
137 10.3 8.4 12.6
54 7.6 4.5 6.7#
68 6.0 3.6 5.4#



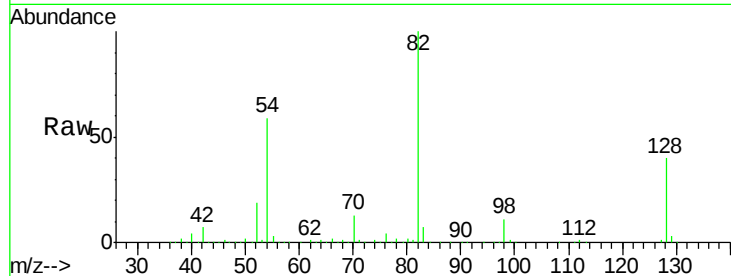


#23
 Nitrobenzene-d5
 Concen: 101.99 ng
 RT: 7.34 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF093480.D
 Acq: 9 Mar 2017 16:17

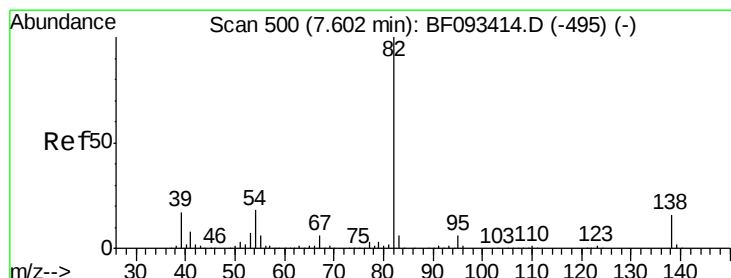
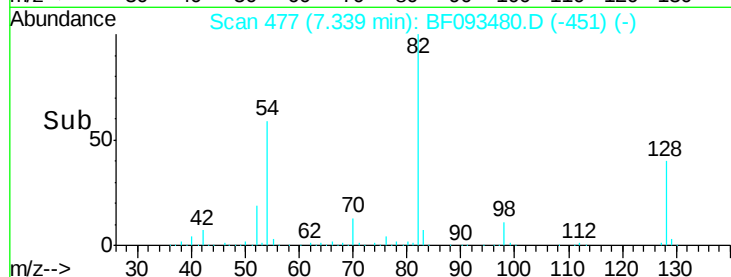
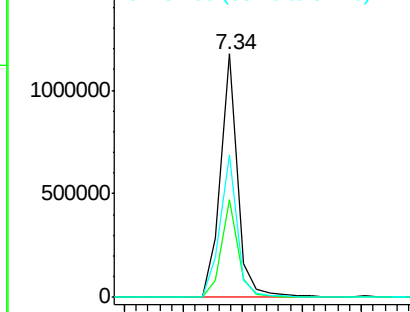
Instrument :
 BNA_F
 ClientSampleID :

Tot Ion: 82 Resp: 1181187

Ion	Ratio	Lower	Upper
82	100		
128	40.1	34.6	52.0
54	58.6	39.5	59.3



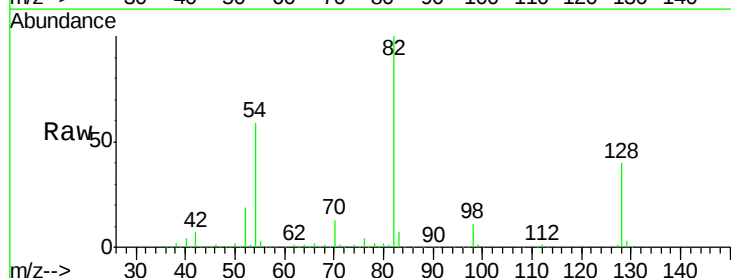
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0



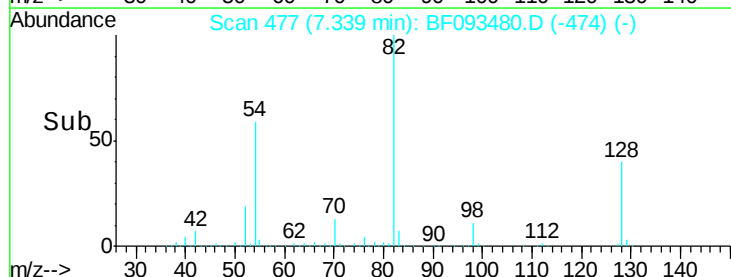
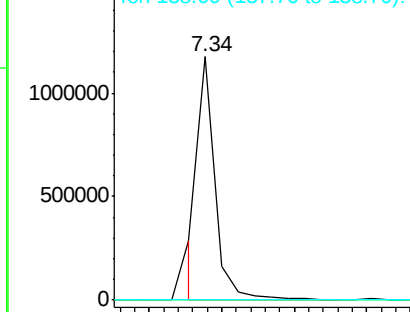
#25
 Isophorone
 Concen: 41.16 ng
 RT: 7.34 min Scan# 477
 Delta R.T. -0.26 min
 Lab File: BF093480.D
 Acq: 9 Mar 2017 16:17

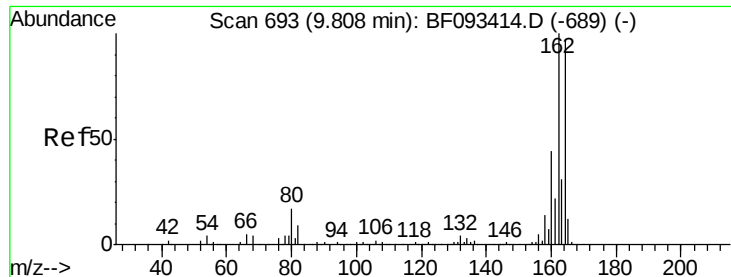
Tgt Ion: 82 Resp: 961167

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.6	22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

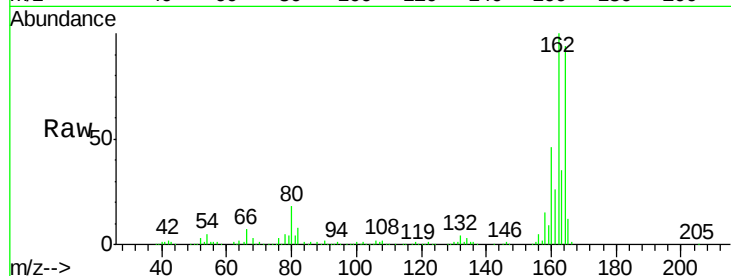




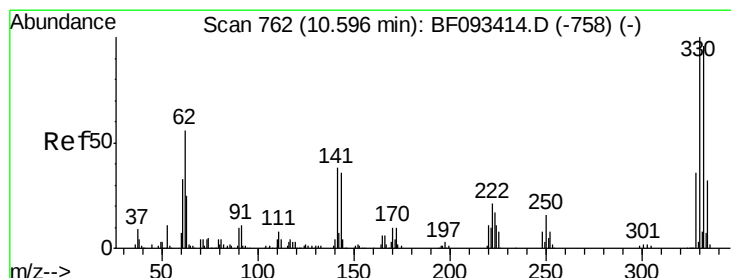
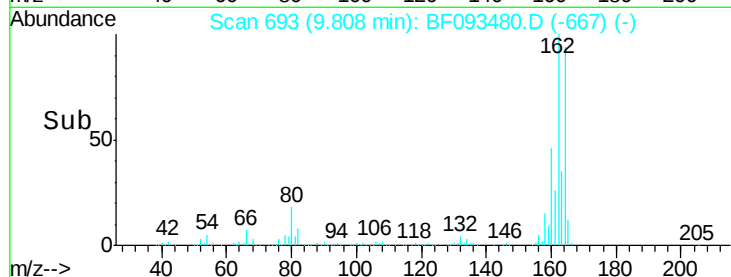
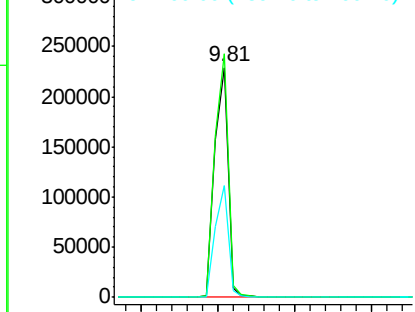
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: BF093480.D
 Acq: 9 Mar 2017 16:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 277419
 Ion Ratio Lower Upper
 164 100
 162 106.1 80.2 120.2
 160 48.6 36.9 55.3

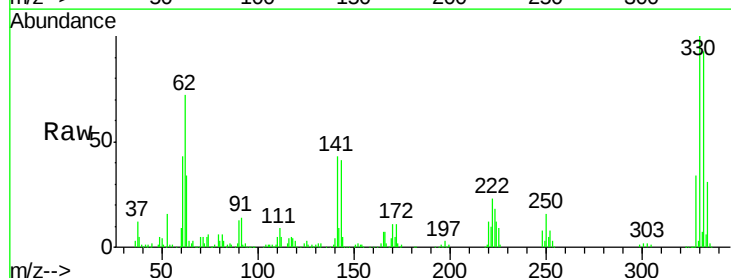


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

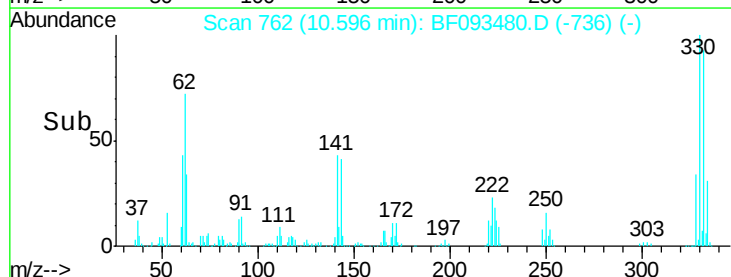
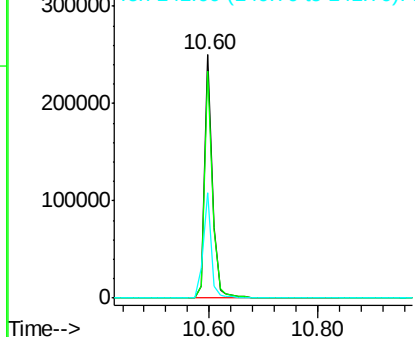


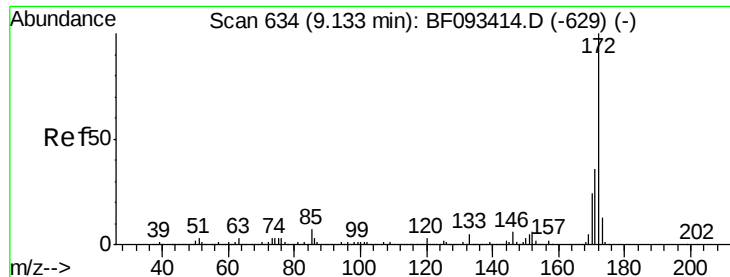
#41
 2,4,6-Tribromophenol
 Concen: 137.49 ng
 RT: 10.60 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF093480.D
 Acq: 9 Mar 2017 16:17

Tgt Ion:330 Resp: 248500
 Ion Ratio Lower Upper
 330 100
 332 94.4 77.4 116.2
 141 45.2 34.1 51.1



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: 115.81 ng

RT: 9.13 min Scan# 634

Delta R.T. -0.00 min

Lab File: BF093480.D

Acq: 9 Mar 2017 16:17

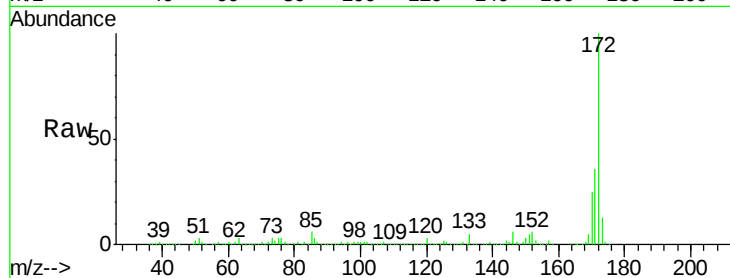
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 1727247

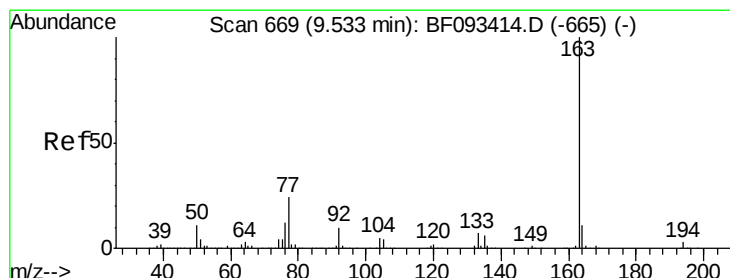
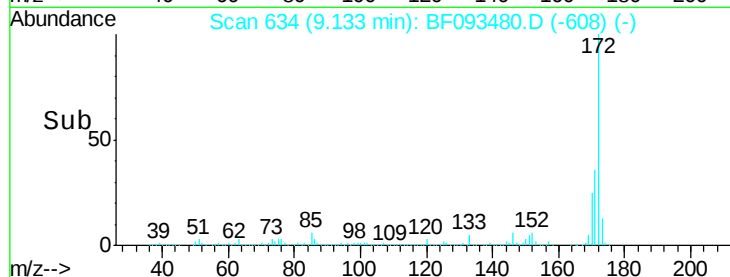
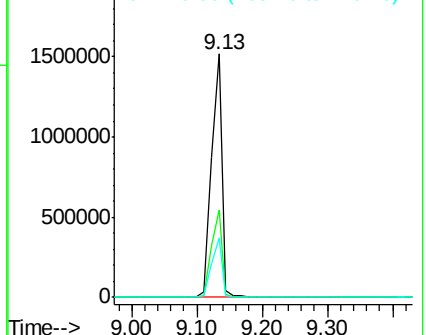
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.5	20.2	30.4



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: 11.39 ng

RT: 9.53 min Scan# 669

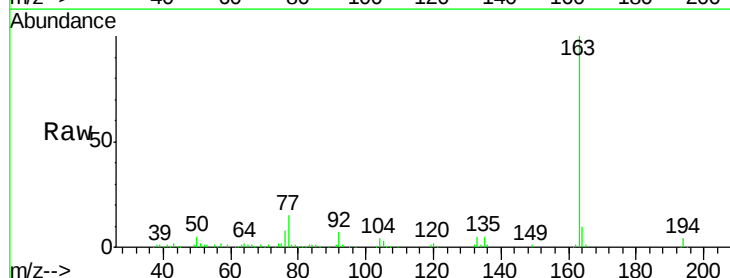
Delta R.T. -0.00 min

Lab File: BF093480.D

Acq: 9 Mar 2017 16:17

Tgt Ion:163 Resp: 209436

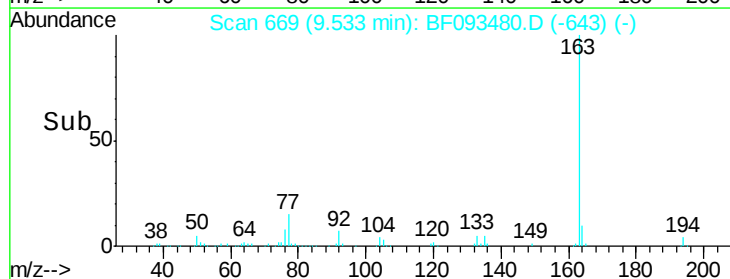
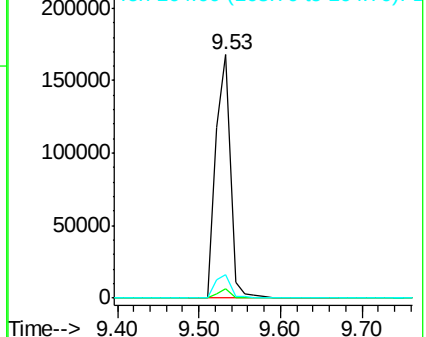
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.4
164	9.6	8.0	12.0

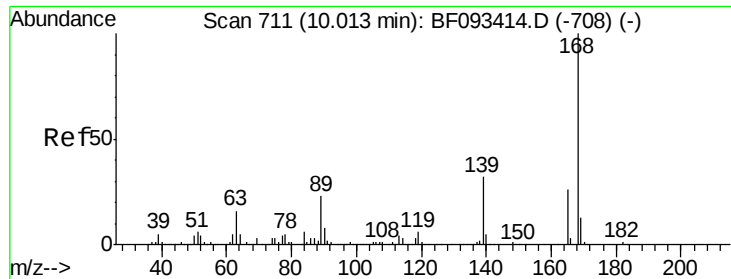


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

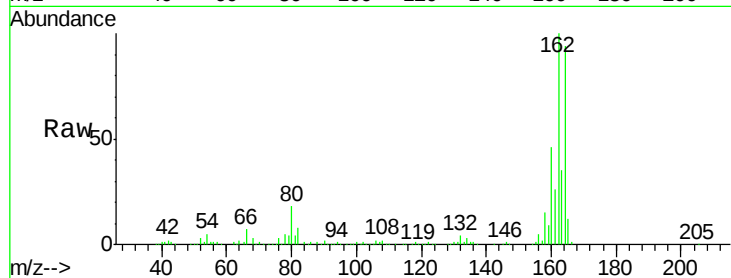




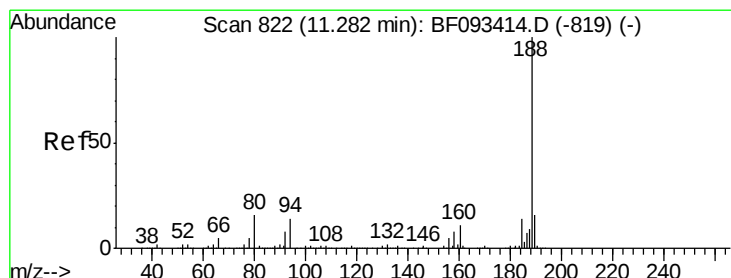
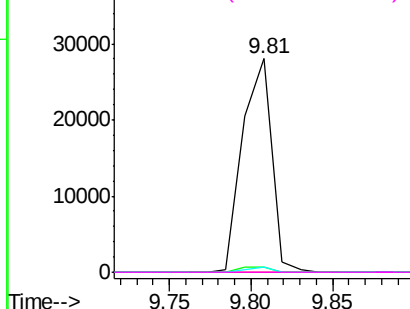
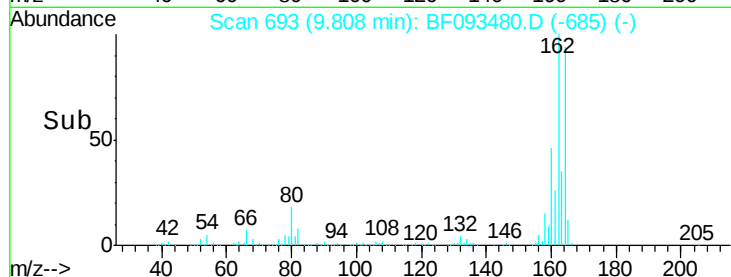
#56
 2,4-Dinitrotoluene
 Concen: 6.99 ng
 RT: 9.81 min Scan# 693
 Delta R.T. -0.21 min
 Lab File: BF093480.D
 Acq: 9 Mar 2017 16:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 34652
 Ion Ratio Lower Upper
 165 100
 63 2.1 40.2 60.4#
 89 2.2 62.5 93.7#
 182 0.0 1.8 2.8#

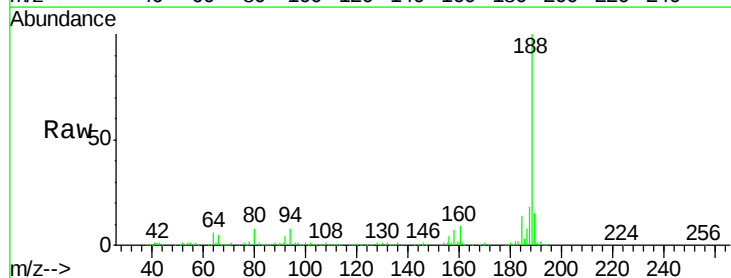


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

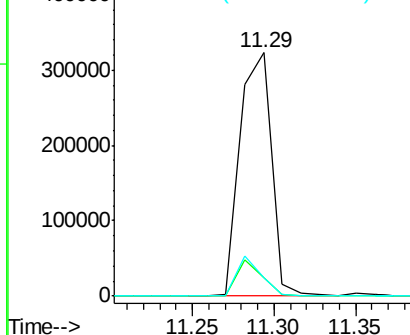
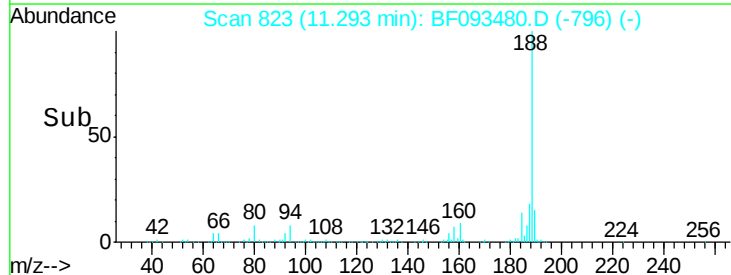


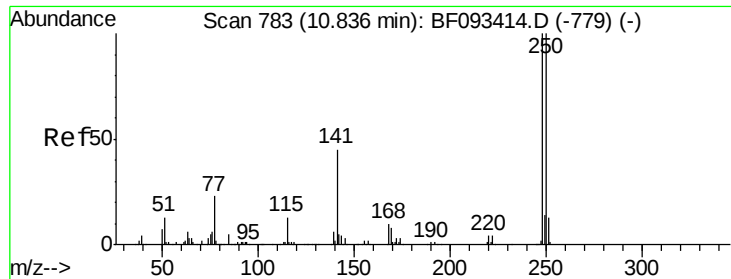
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 823
 Delta R.T. 0.01 min
 Lab File: BF093480.D
 Acq: 9 Mar 2017 16:17

Tgt Ion:188 Resp: 431767
 Ion Ratio Lower Upper
 188 100
 94 7.7 10.0 15.0#
 80 7.5 11.2 16.8#



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

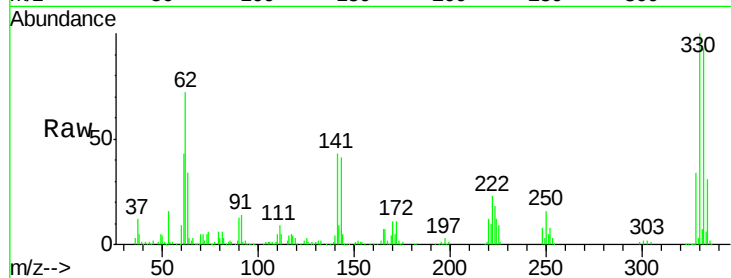




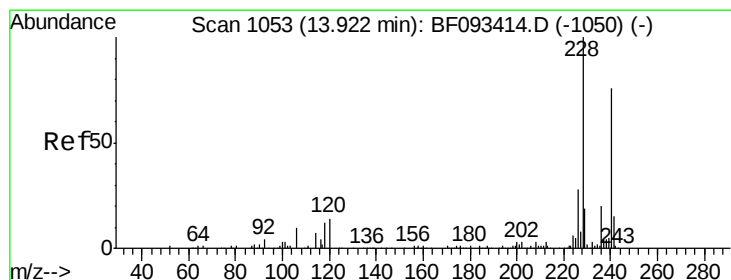
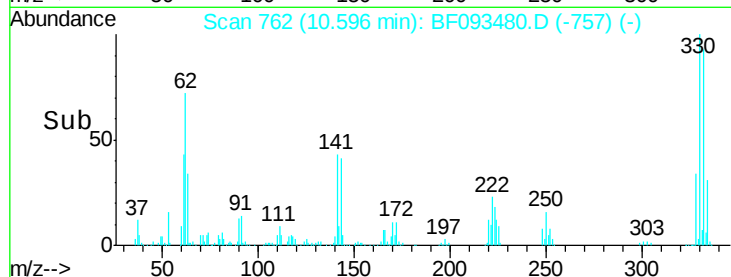
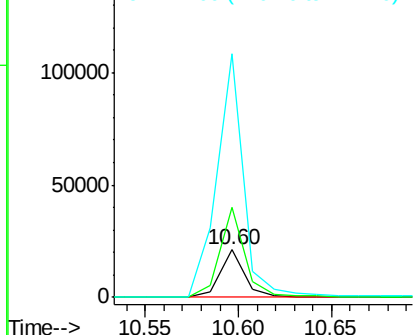
#66
4-Bromophenyl-phenylether
Concen: 4.17 ng
RT: 10.60 min Scan# 762
Delta R.T. -0.24 min
Lab File: BF093480.D
Acq: 9 Mar 2017 16:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 19037
Ion Ratio Lower Upper
248 100
250 190.8 76.9 115.3#
141 515.0 68.2 102.4#

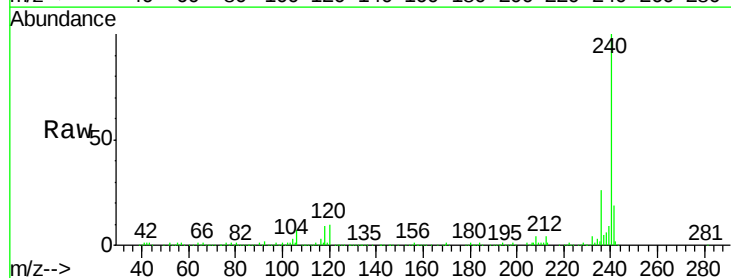


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

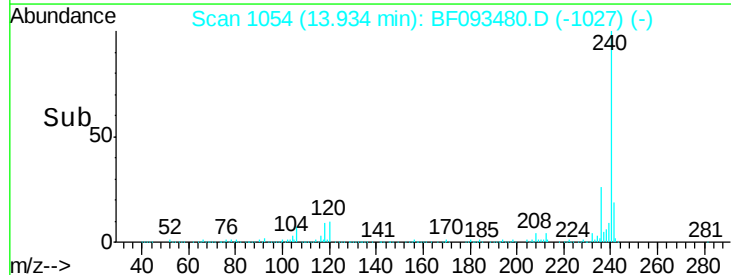
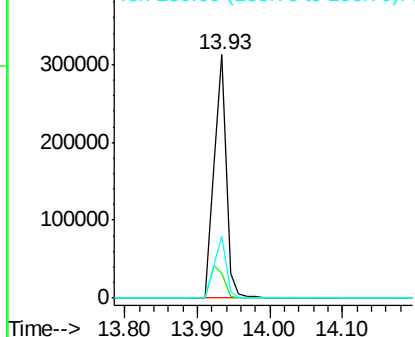


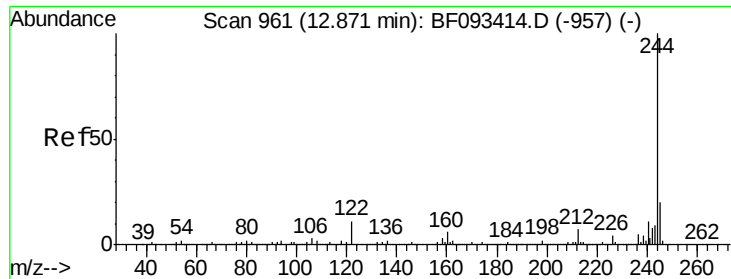
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1054
Delta R.T. 0.01 min
Lab File: BF093480.D
Acq: 9 Mar 2017 16:17

Tgt Ion:240 Resp: 365596
Ion Ratio Lower Upper
240 100
120 10.0 12.9 19.3#
236 25.6 20.9 31.3



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: 74.56 ng

RT: 12.87 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF093480.D

Acq: 9 Mar 2017 16:17

Instrument :

BNA_F

ClientSampled :

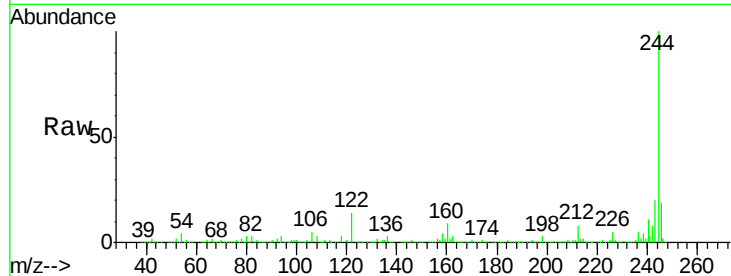
Tot Ion:244 Resp: 1048440

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

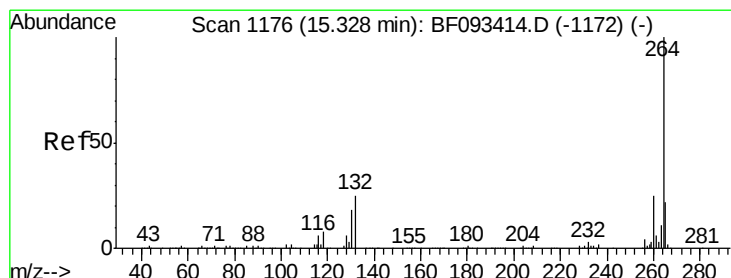
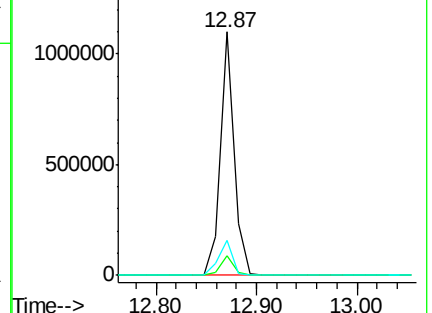
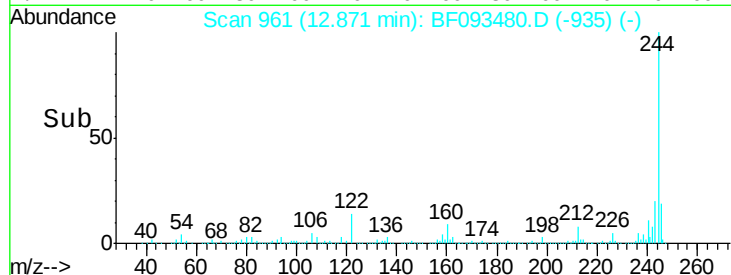
122 14.3 11.4 17.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.35 min Scan# 1178

Delta R.T. 0.02 min

Lab File: BF093480.D

Acq: 9 Mar 2017 16:17

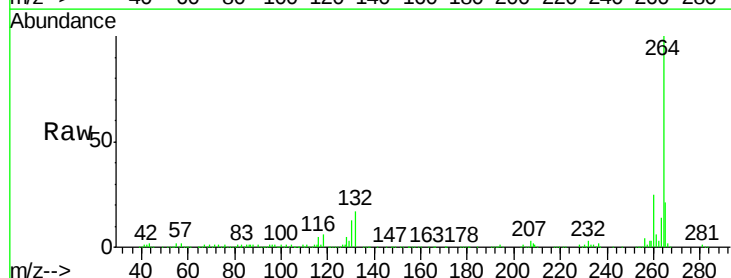
Tgt Ion:264 Resp: 275610

Ion Ratio Lower Upper

264 100

260 24.9 19.2 28.8

265 21.3 17.4 26.0



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

