

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
 Data File : BF093479.D
 Acq On : 9 Mar 2017 15:49
 Operator : SJ/MA
 Sample : I2133-05
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 16:12:18 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	6.76	152	185401	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	696776	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	315710	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	480183	20.00	ng	0.01
75) Chrysene-d12	13.93	240	389502	20.00	ng	0.01
86) Perylene-d12	15.35	264	295870	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	431155	38.70	ng	0.01
7) Phenol-d6	6.42	99	380541	27.09	ng	0.01
23) Nitrobenzene-d5	7.34	82	1195541	95.20	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	156978	76.32	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1799167	106.00	ng	0.00
78) Terphenyl-d14	12.87	244	1053294	70.31	ng	0.00

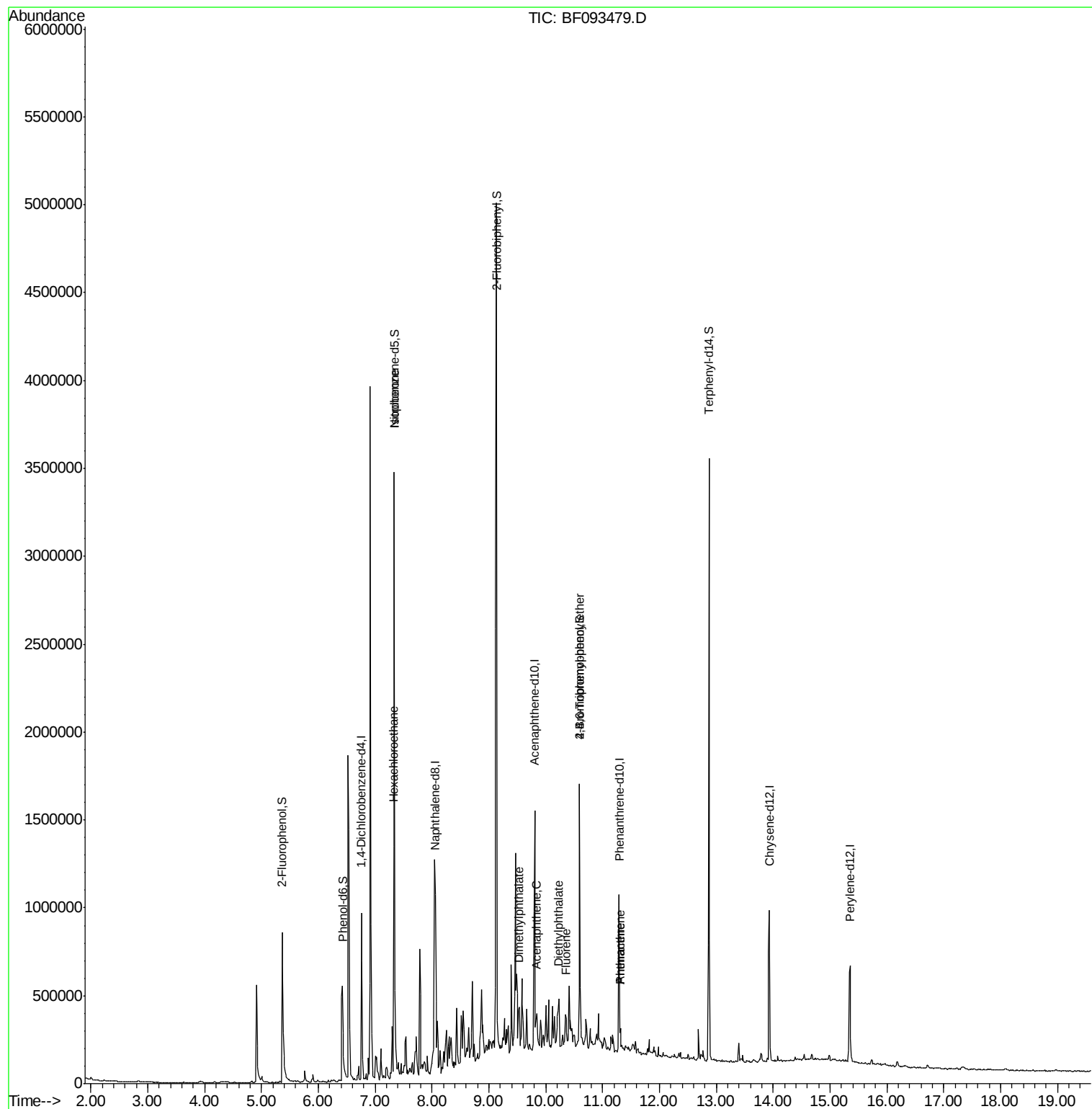
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.37	77	2007	Below Cal	#	73
18) Hexachloroethane	7.33	117	127302	25.81	ng	# 2
25) Isophorone	7.34	82	931667	36.79	ng	# 65
49) Dimethylphthalate	9.53	163	109691	5.24	ng	100
51) Acenaphthene	9.84	154	44378	2.58	ng	# 82
57) Fluorene	10.36	166	52994	2.91	ng	# 94
59) Diethylphthalate	10.22	149	69822	3.49	ng	97
66) 4-Bromophenyl-phenylether	10.60	248	11721	2.31	ng	# 1
70) Phenanthrene	11.32	178	60368	2.20	ng	97
71) Anthracene	11.32	178	60368	2.18	ng	98

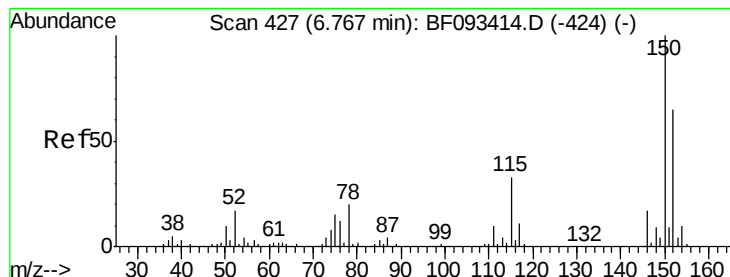
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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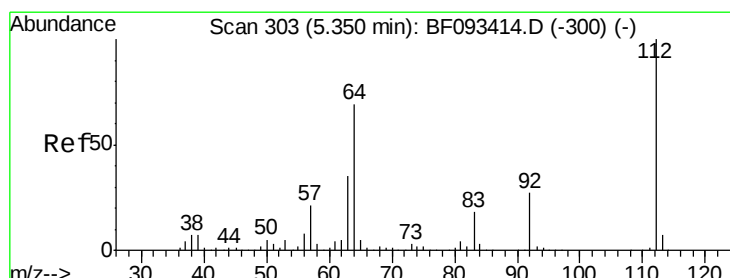
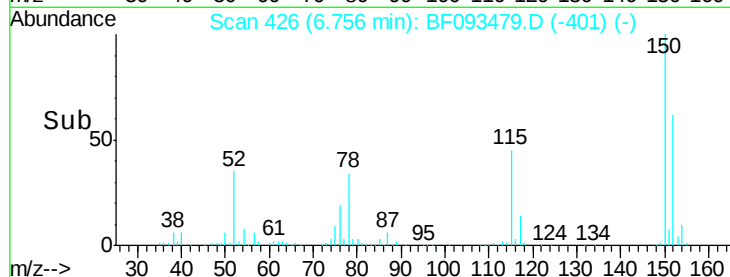
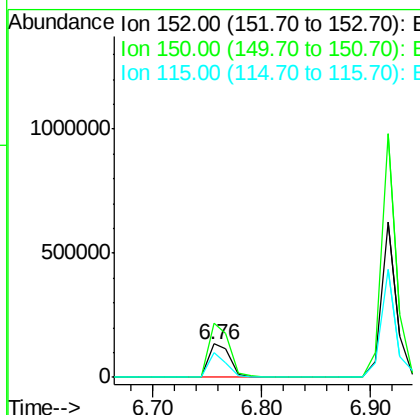
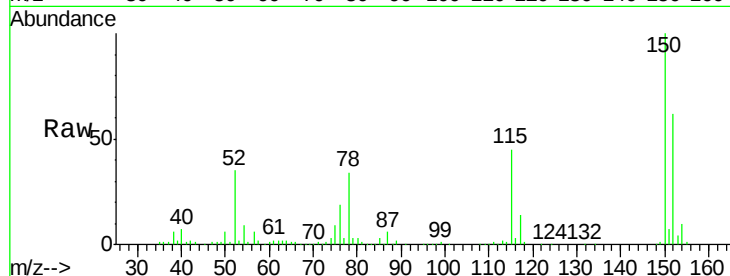




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.76 min Scan# 426
 Delta R.T. -0.01 min
 Lab File: BF093479.D
 Acq: 9 Mar 2017 15:49

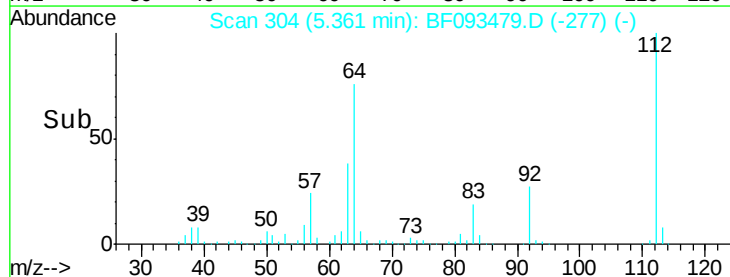
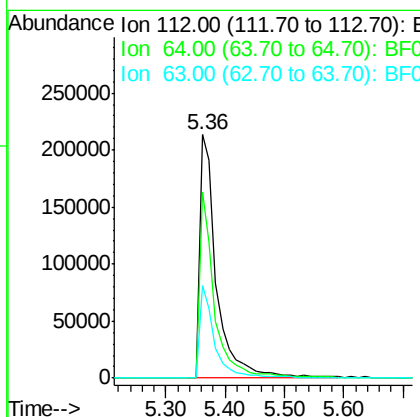
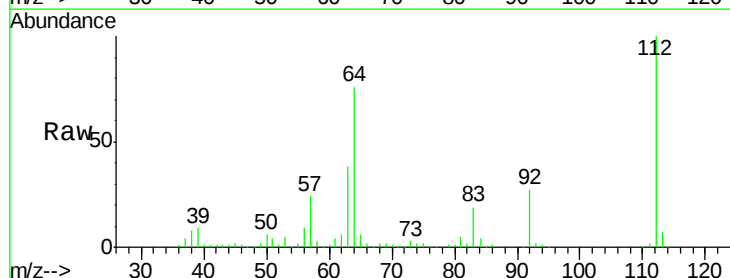
Instrument :
 BNA_F
 ClientSampleId :

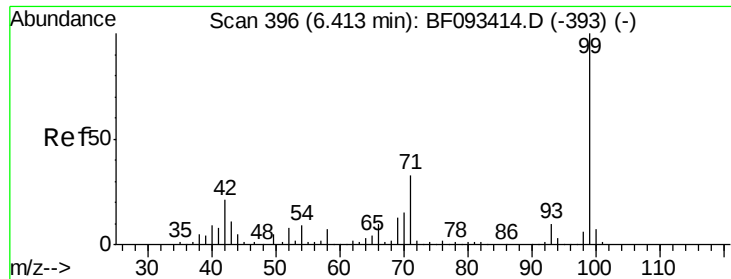
Tot Ion:152 Resp: 185401
 Ion Ratio Lower Upper
 152 100
 150 161.3 124.9 187.3
 115 72.6 46.0 69.0#



#5
 2-Fluorophenol
 Concen: 38.70 ng
 RT: 5.36 min Scan# 304
 Delta R.T. 0.01 min
 Lab File: BF093479.D
 Acq: 9 Mar 2017 15:49

Tgt Ion:112 Resp: 431155
 Ion Ratio Lower Upper
 112 100
 64 76.2 46.1 69.1#
 63 38.1 23.8 35.6#





#7

Phenol-d6

Concen: 27.09 ng

RT: 6.42 min Scan# 397

Delta R.T. 0.01 min

Lab File: BF093479.D

Acq: 9 Mar 2017 15:49

Instrument :

BNA_F

ClientSampled :

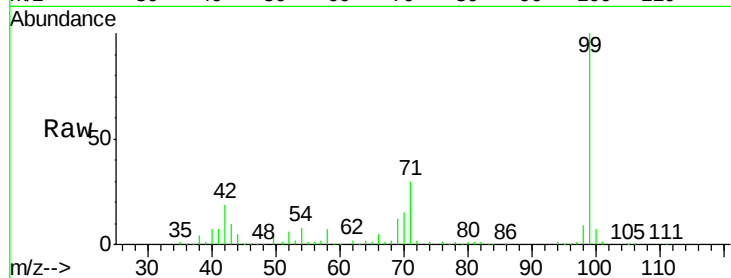
Tot Ion: 99 Resp: 380541

Ion Ratio Lower Upper

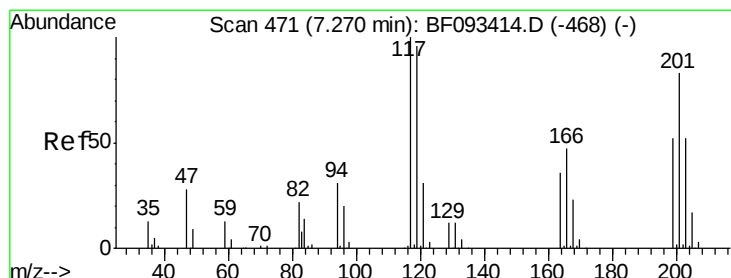
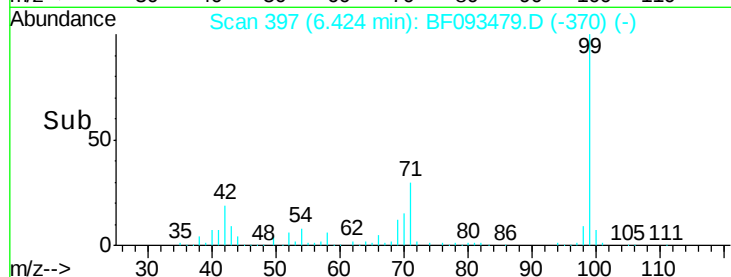
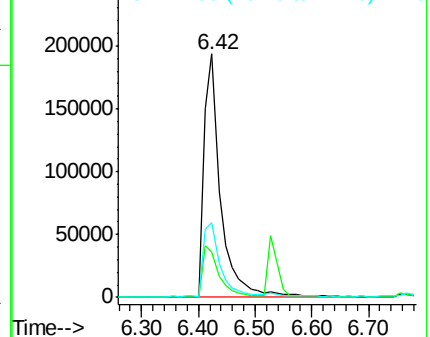
99 100

42 18.7 15.6 23.4

71 30.4 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



#18

Hexachloroethane

Concen: 25.81 ng

RT: 7.33 min Scan# 476

Delta R.T. 0.06 min

Lab File: BF093479.D

Acq: 9 Mar 2017 15:49

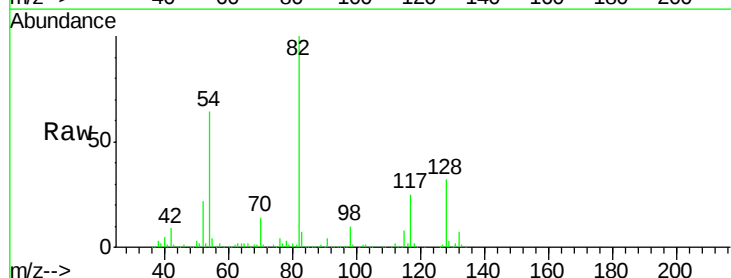
Tgt Ion: 117 Resp: 127302

Ion Ratio Lower Upper

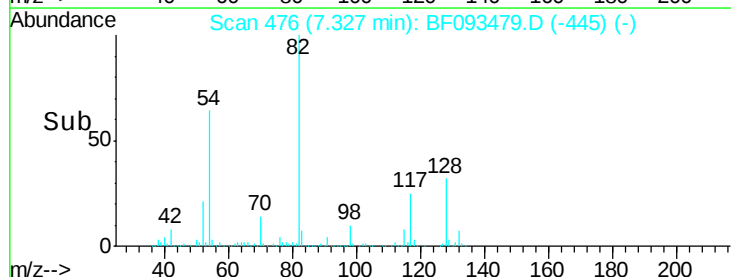
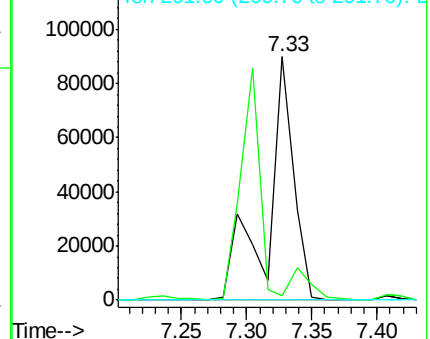
117 100

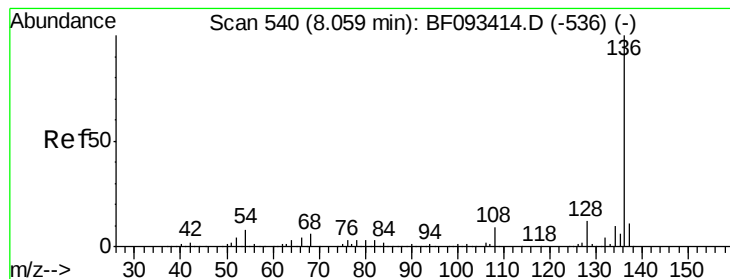
119 1.6 78.1 117.1#

201 0.0 78.6 117.8#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

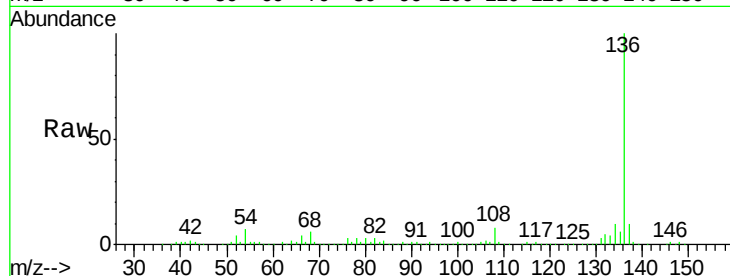




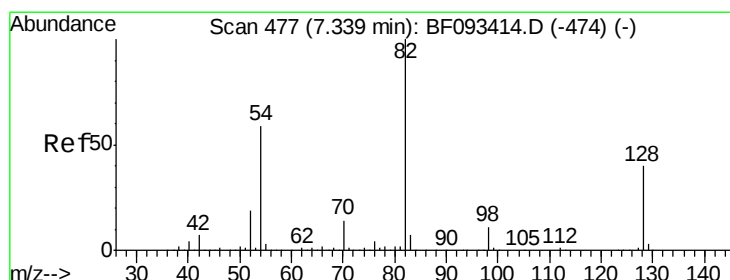
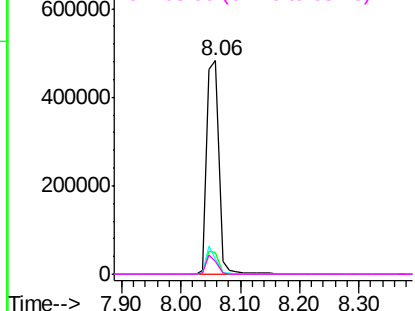
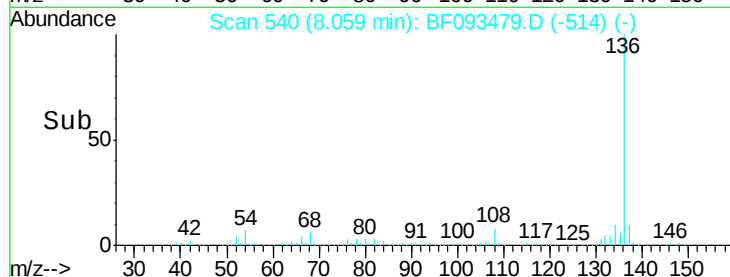
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF093479.D
Acq: 9 Mar 2017 15:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	696776
Ion Ratio	Lower	Upper
136	100	
137	10.3	8.4 12.6
54	7.4	4.5 6.7#
68	5.7	3.6 5.4#

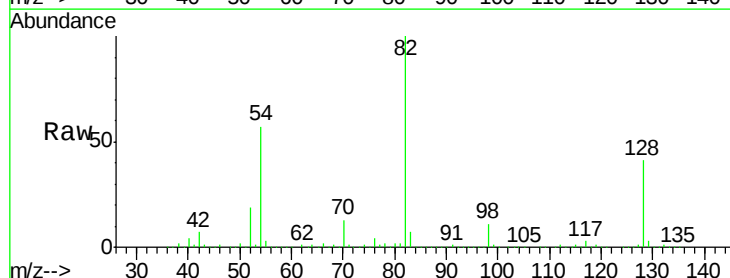


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

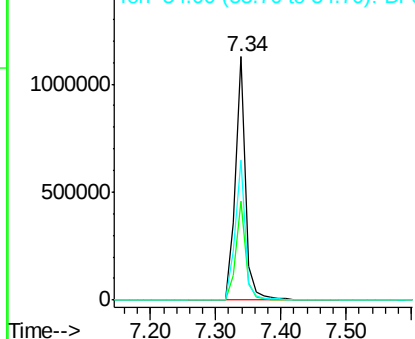
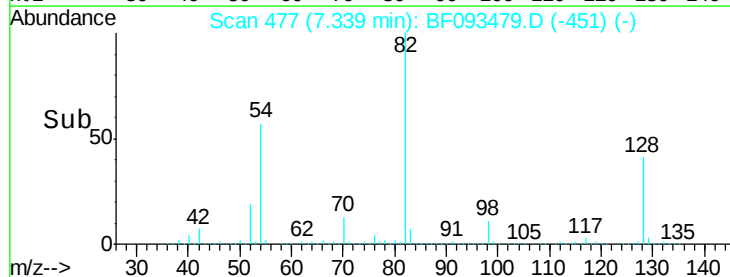


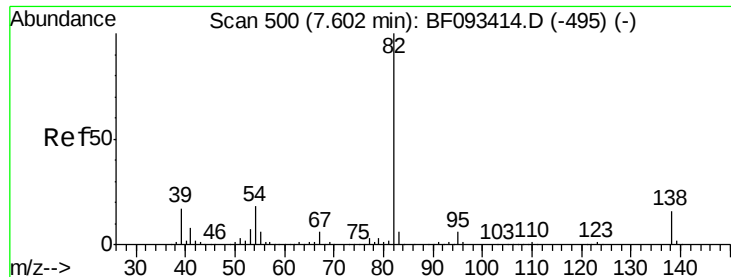
#23
Nitrobenzene-d5
Concen: 95.20 ng
RT: 7.34 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF093479.D
Acq: 9 Mar 2017 15:49

Tgt Ion: 82	Resp:	1195541
Ion Ratio	Lower	Upper
82	100	
128	40.6	34.6 52.0
54	57.4	39.5 59.3



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

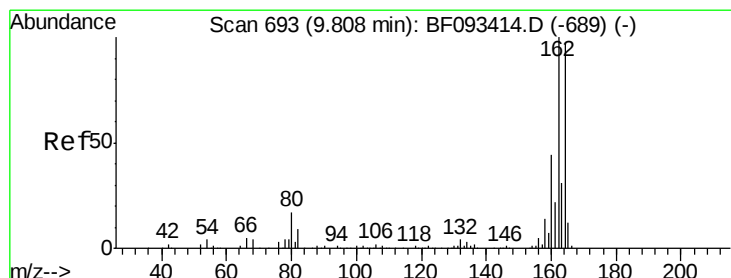
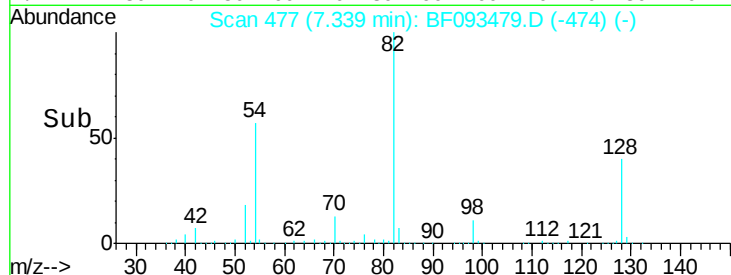
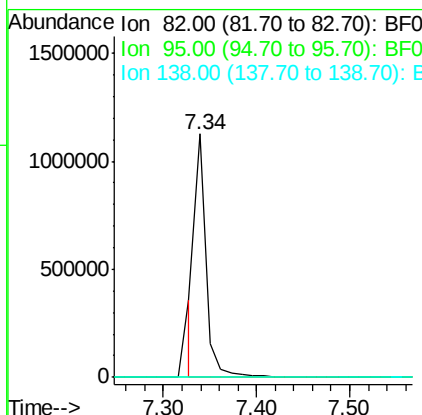
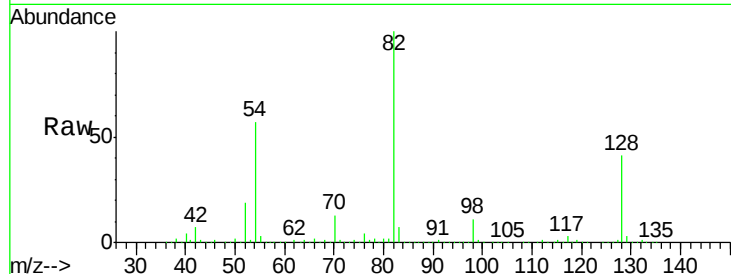




#25
Isophorone
Concen: 36.79 ng
RT: 7.34 min Scan# 477
Delta R.T. -0.26 min
Lab File: BF093479.D
Acq: 9 Mar 2017 15:49

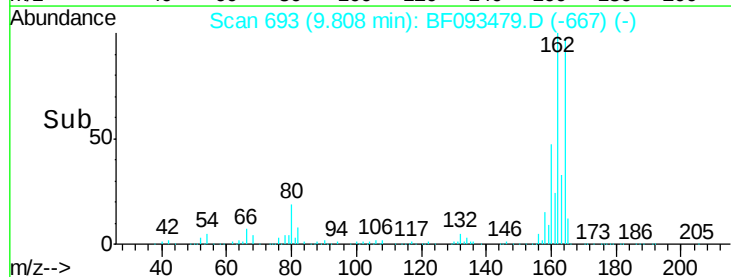
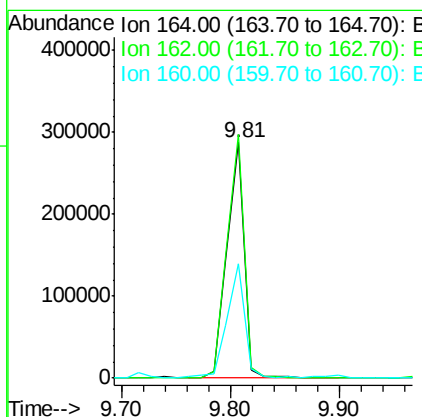
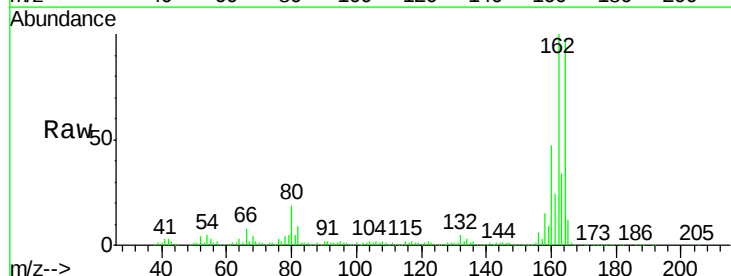
Instrument :
BNA_F
ClientSampled :

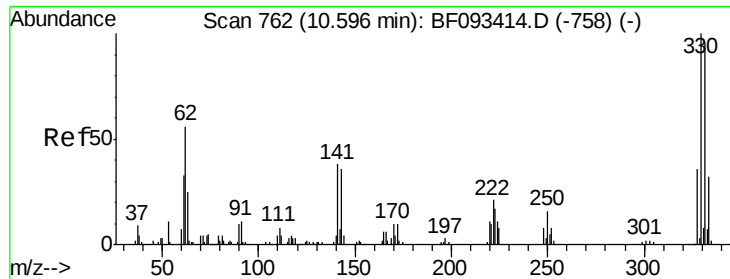
Tot Ion: 82 Resp: 931667
Ion Ratio Lower Upper
82 100
95 0.1 5.6 8.4#
138 0.0 14.6 22.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF093479.D
Acq: 9 Mar 2017 15:49

Tgt Ion:164 Resp: 315710
Ion Ratio Lower Upper
164 100
162 103.3 80.2 120.2
160 48.4 36.9 55.3

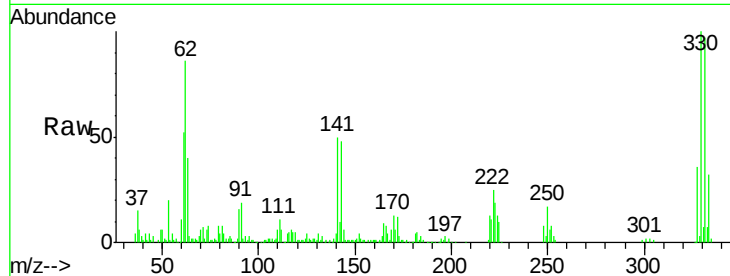




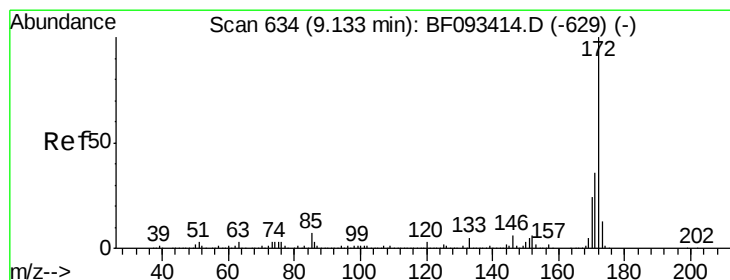
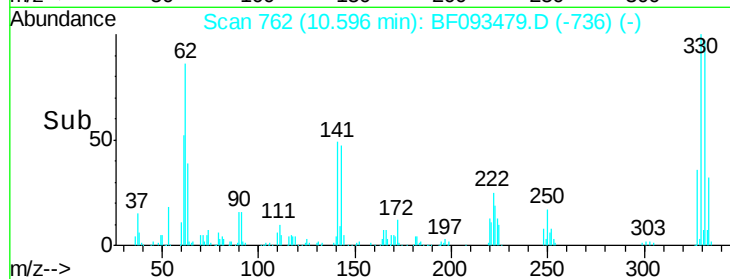
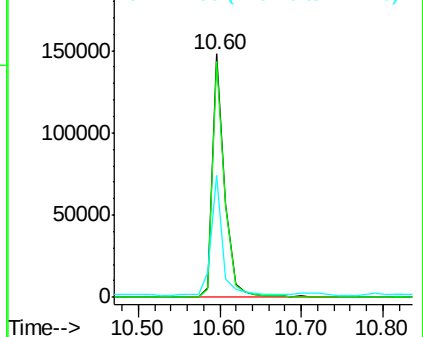
#41
 2,4,6-Tribromophenol
 Concen: 76.32 ng
 RT: 10.60 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF093479.D
 Acq: 9 Mar 2017 15:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 156978
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.4 116.2
 141 45.9 34.1 51.1

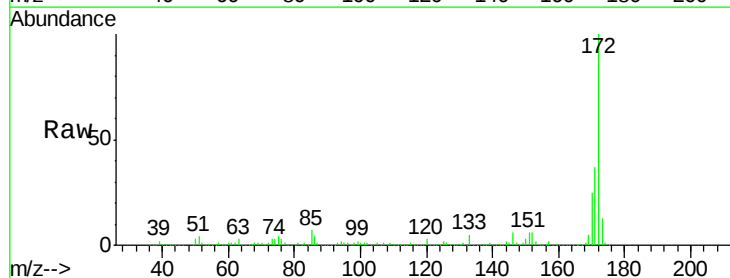


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

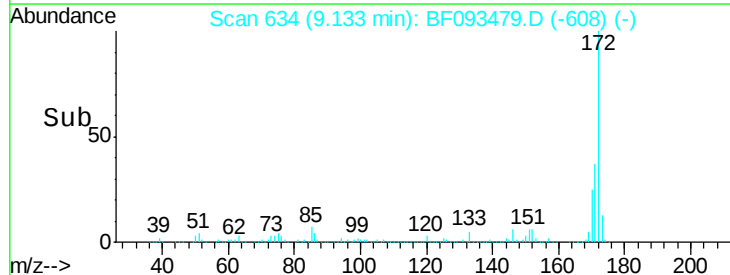
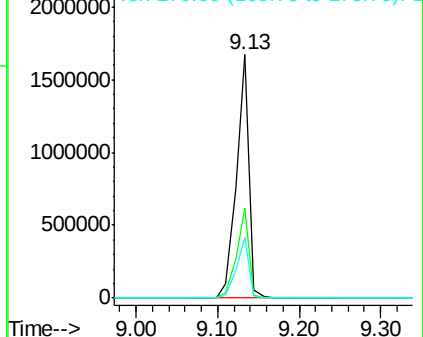


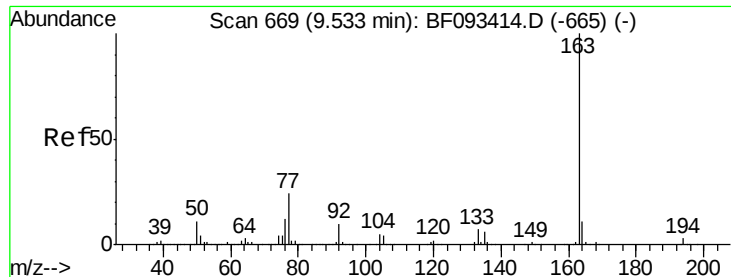
#44
 2-Fluorobiphenyl
 Concen: 106.00 ng
 RT: 9.13 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF093479.D
 Acq: 9 Mar 2017 15:49

Tgt Ion:172 Resp: 1799167
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.4 44.0
 170 24.8 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

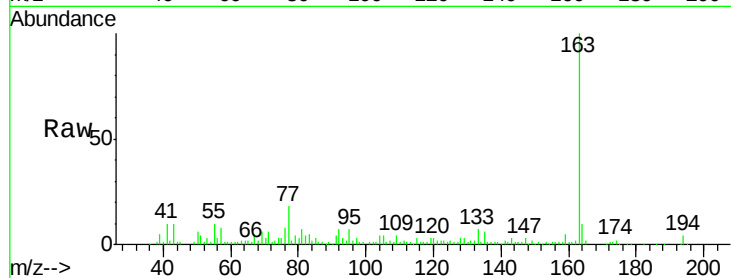




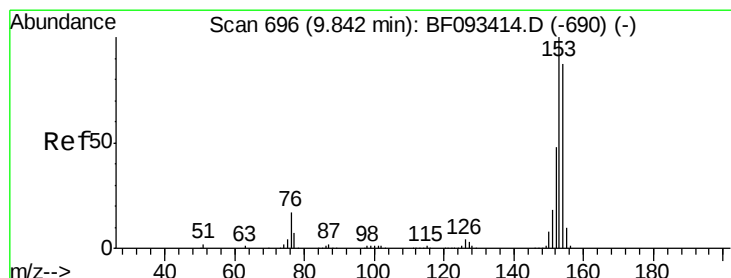
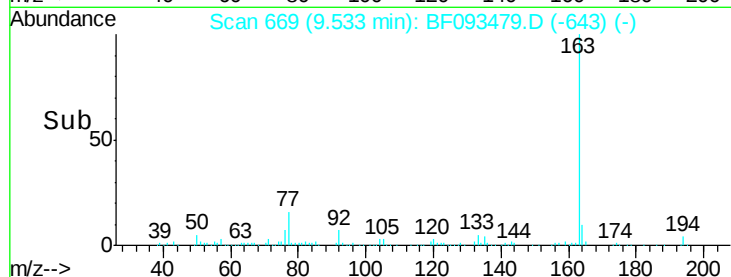
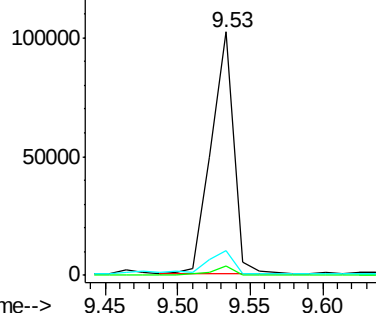
#49
Dimethylphthalate
Concen: 5.24 ng
RT: 9.53 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF093479.D
Acq: 9 Mar 2017 15:49

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.4
164	10.2	8.0	12.0

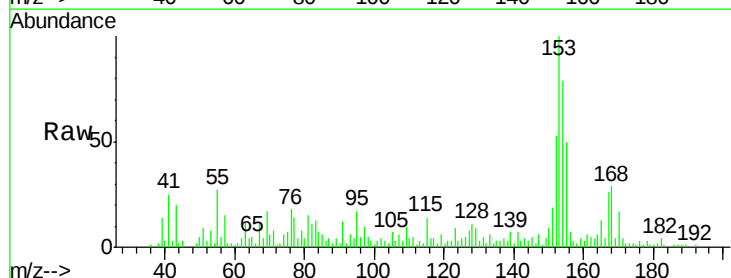


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

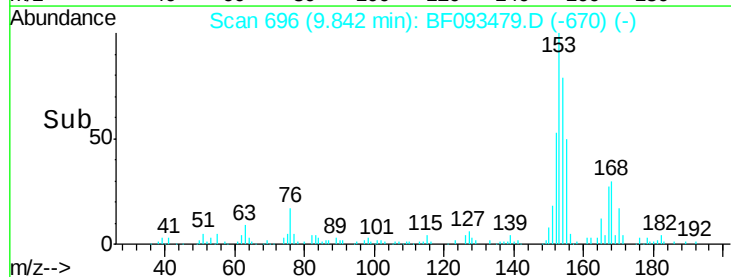
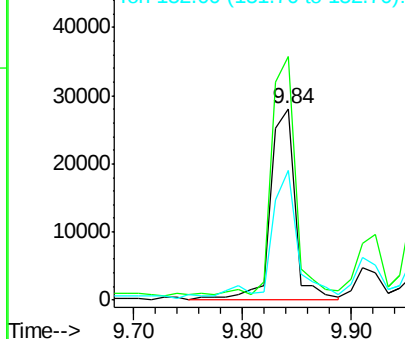


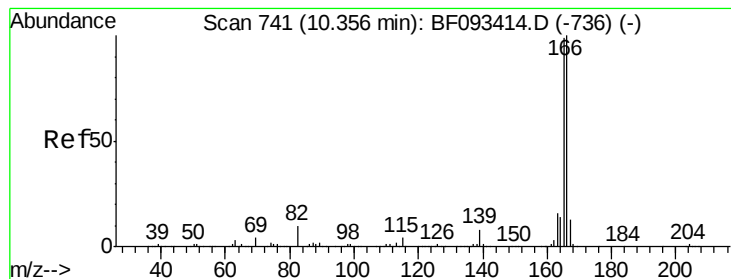
#51
Acenaphthene
Concen: 2.58 ng
RT: 9.84 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF093479.D
Acq: 9 Mar 2017 15:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	127.1	88.6	133.0
152	67.6	41.6	62.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#57

Fluorene

Concen: 2.91 ng

RT: 10.36 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF093479.D

Acq: 9 Mar 2017 15:49

Instrument :

BNA_F

ClientSampleId :

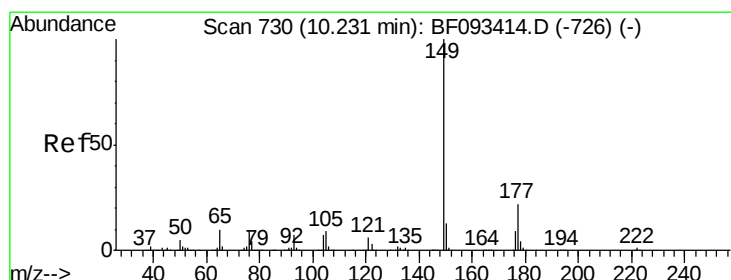
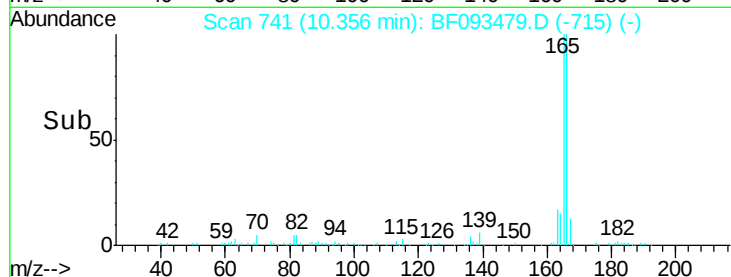
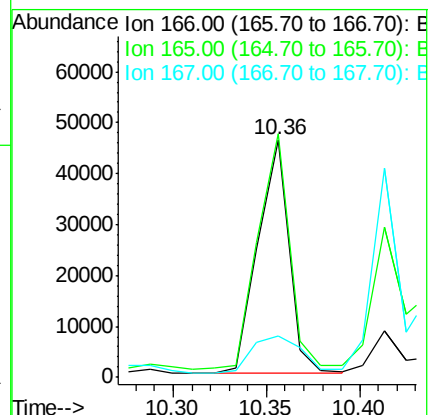
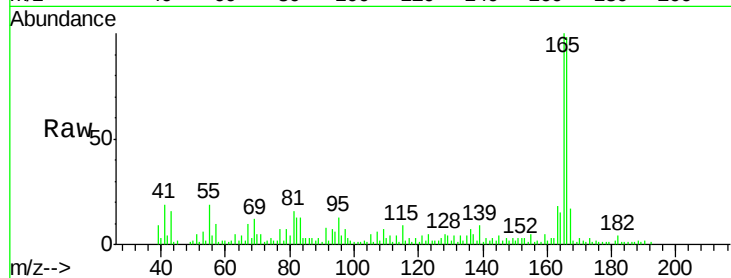
Tot Ion:166 Resp: 52994

Ion Ratio Lower Upper

166 100

165 102.5 77.8 116.8

167 17.2 10.8 16.2#



#59

Diethylphthalate

Concen: 3.49 ng

RT: 10.22 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF093479.D

Acq: 9 Mar 2017 15:49

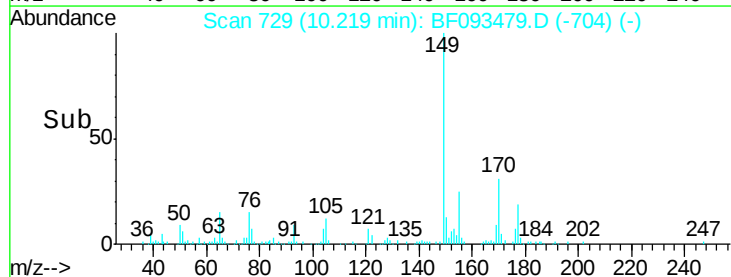
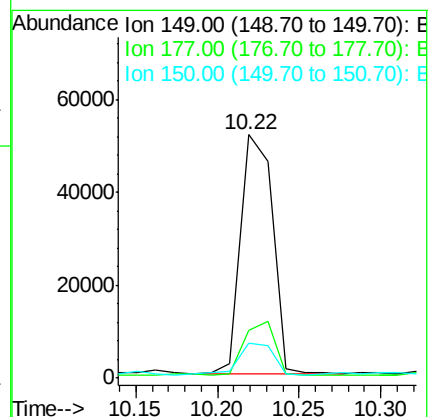
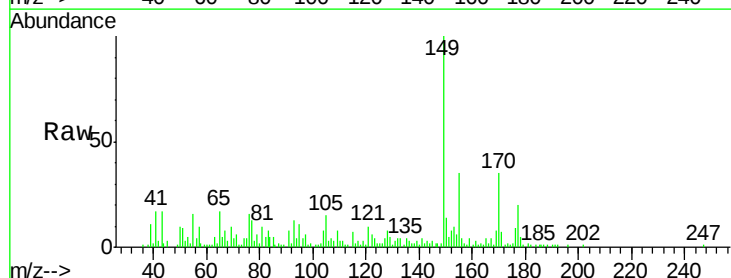
Tgt Ion:149 Resp: 69822

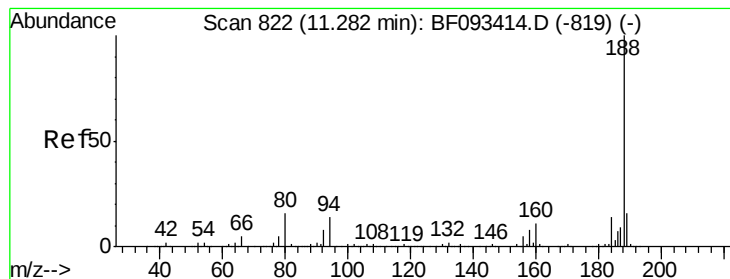
Ion Ratio Lower Upper

149 100

177 19.7 16.6 25.0

150 14.4 10.4 15.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 823

Delta R.T. 0.01 min

Lab File: BF093479.D

Acq: 9 Mar 2017 15:49

Instrument :

BNA_F

ClientSampled :

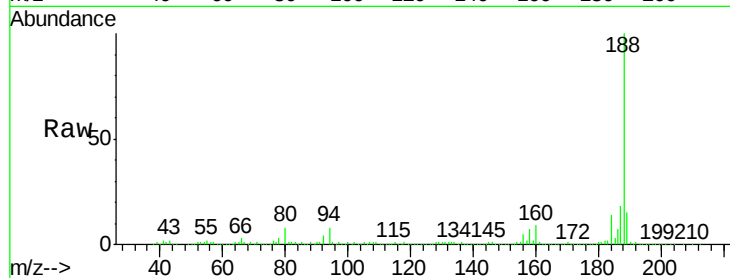
Tot Ion:188 Resp: 480183

Ion Ratio Lower Upper

188 100

94 7.9 10.0 15.0#

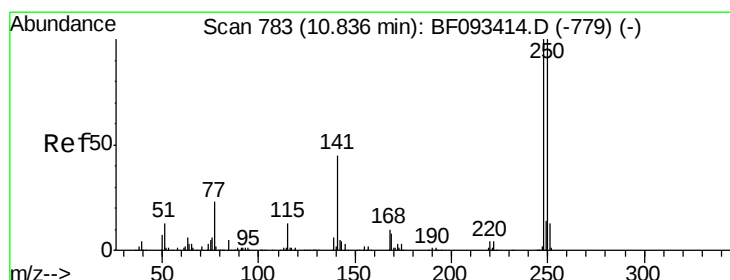
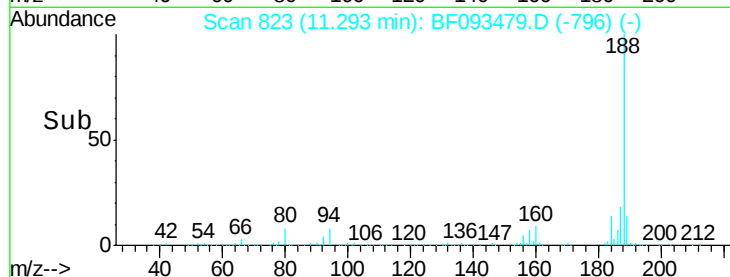
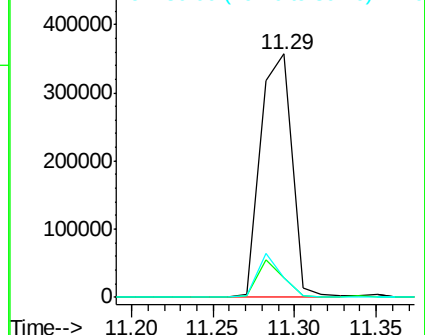
80 8.2 11.2 16.8#



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: 2.31 ng

RT: 10.60 min Scan# 762

Delta R.T. -0.24 min

Lab File: BF093479.D

Acq: 9 Mar 2017 15:49

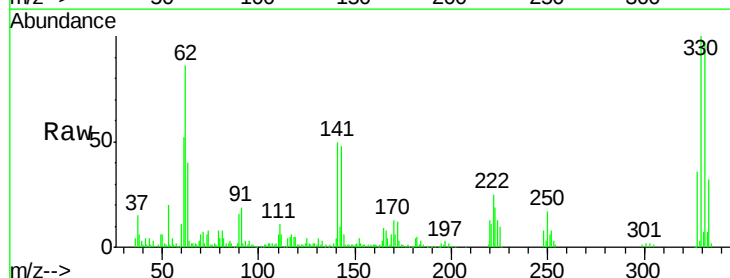
Tgt Ion:248 Resp: 11721

Ion Ratio Lower Upper

248 100

250 198.0 76.9 115.3#

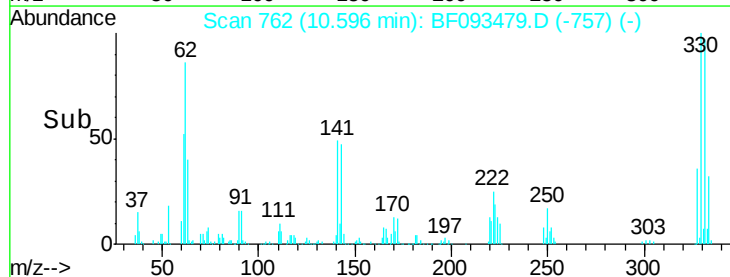
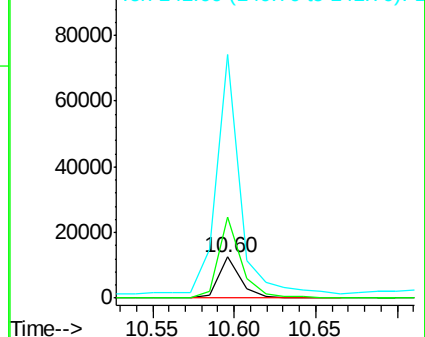
141 593.2 68.2 102.4#

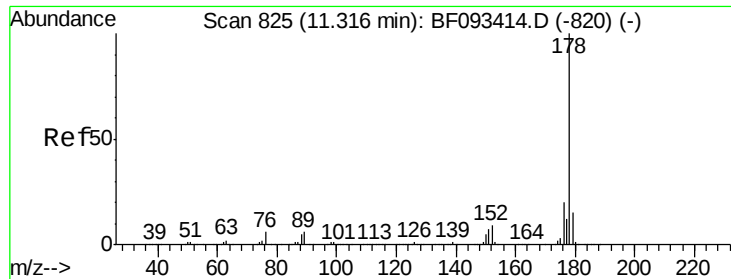


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

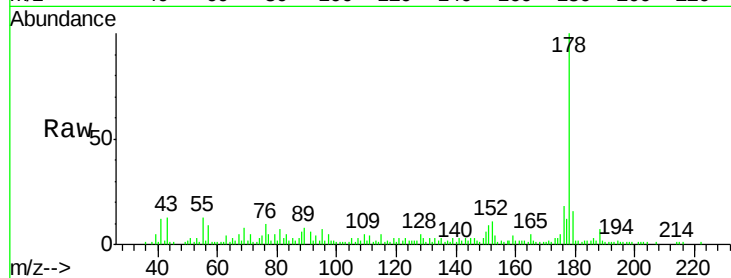




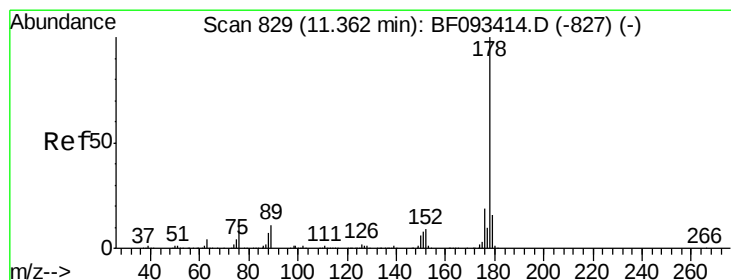
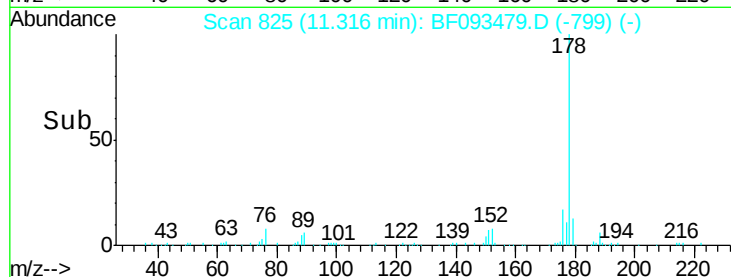
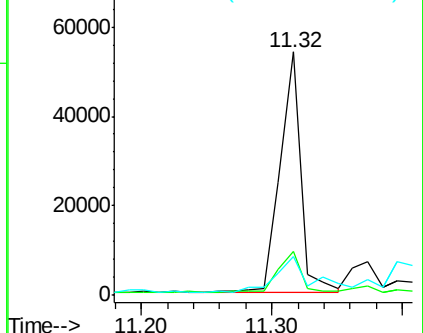
#70
Phenanthrene
Concen: 2.20 ng
RT: 11.32 min Scan# 825
Delta R.T. -0.00 min
Lab File: BF093479.D
Acq: 9 Mar 2017 15:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 60368
Ion Ratio Lower Upper
178 100
176 18.3 16.6 25.0
179 16.1 12.8 19.2

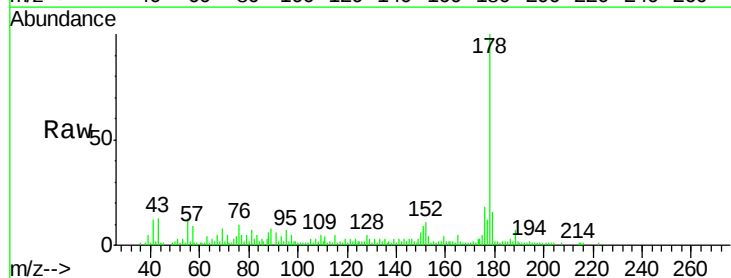


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

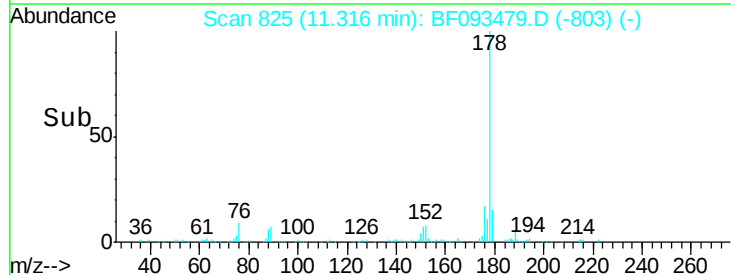
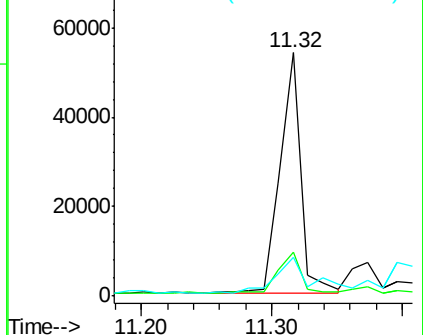


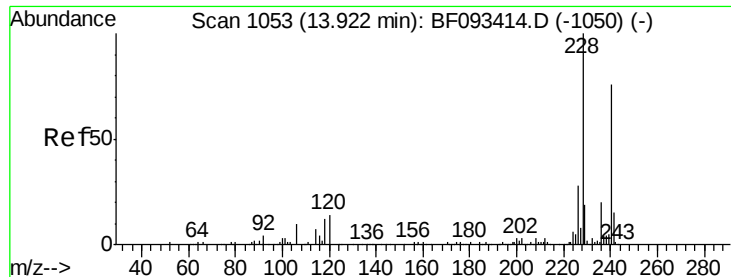
#71
Anthracene
Concen: 2.18 ng
RT: 11.32 min Scan# 825
Delta R.T. -0.05 min
Lab File: BF093479.D
Acq: 9 Mar 2017 15:49

Tgt Ion:178 Resp: 60368
Ion Ratio Lower Upper
178 100
176 18.3 15.9 23.9
179 16.1 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1054

Delta R.T. 0.01 min

Lab File: BF093479.D

Acq: 9 Mar 2017 15:49

Instrument :

BNA_F

ClientSampleId :

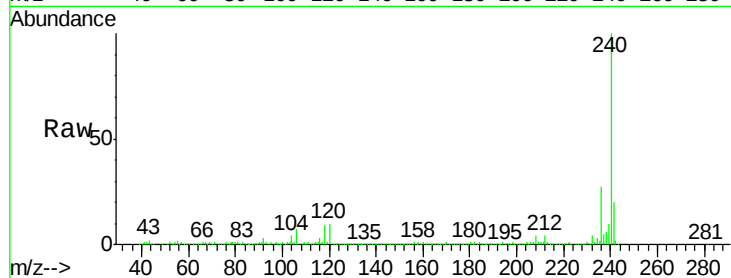
Tot Ion:240 Resp: 389502

Ion Ratio Lower Upper

240 100

120 10.0 12.9 19.3#

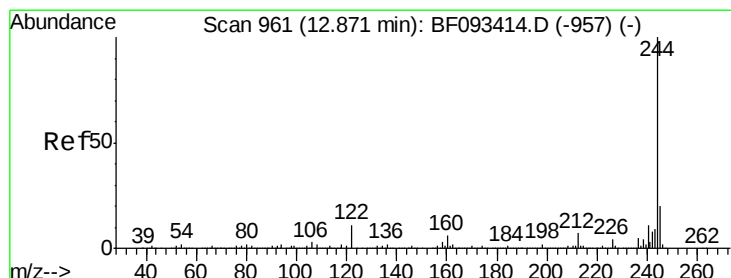
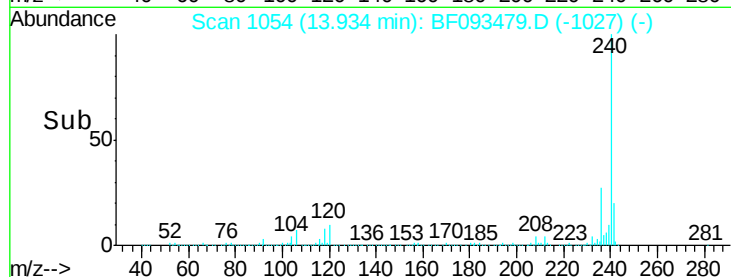
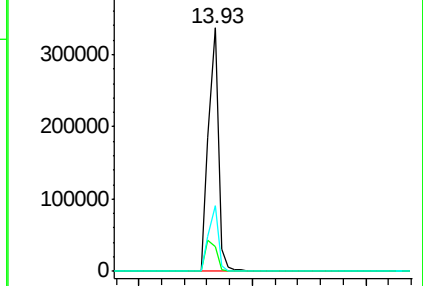
236 26.8 20.9 31.3



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: 70.31 ng

RT: 12.87 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF093479.D

Acq: 9 Mar 2017 15:49

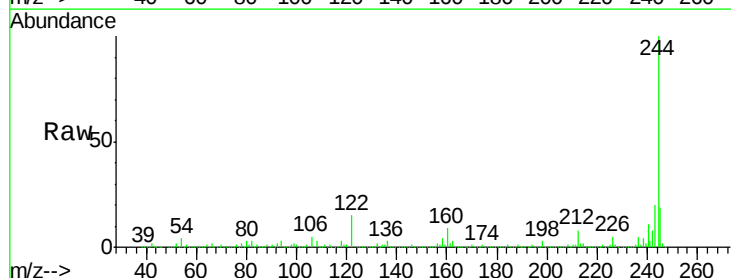
Tgt Ion:244 Resp: 1053294

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

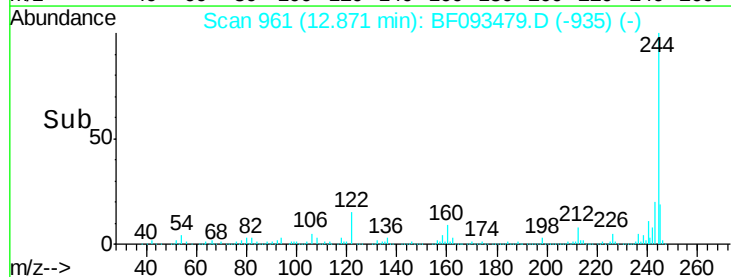
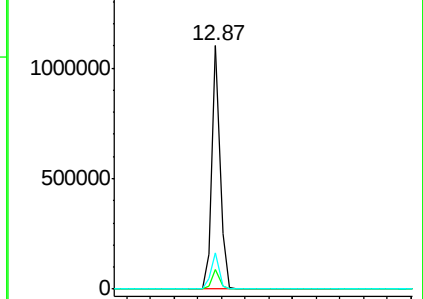
122 14.8 11.4 17.2

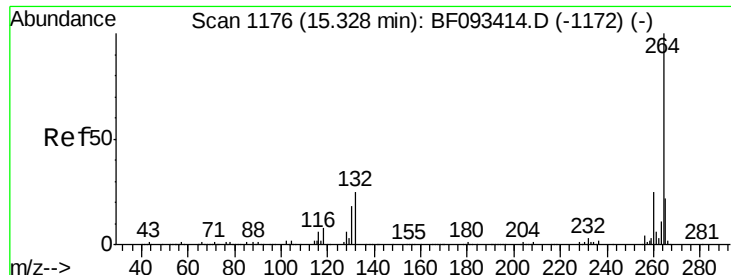


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

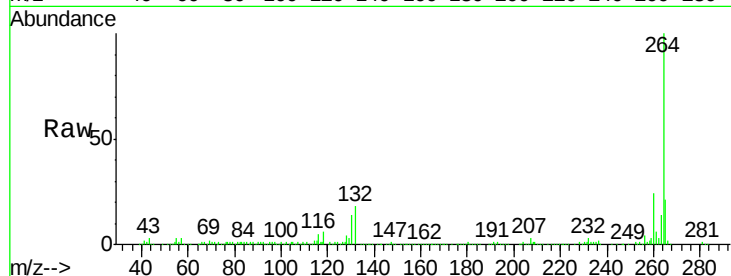




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1178
Delta R.T. 0.02 min
Lab File: BF093479.D
Acq: 9 Mar 2017 15:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.0	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

