

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
 Data File : BF093502.D
 Acq On : 10 Mar 2017 3:37
 Operator : SJ/MA
 Sample : I2176-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-03

Quant Time: Mar 10 04:24:40 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

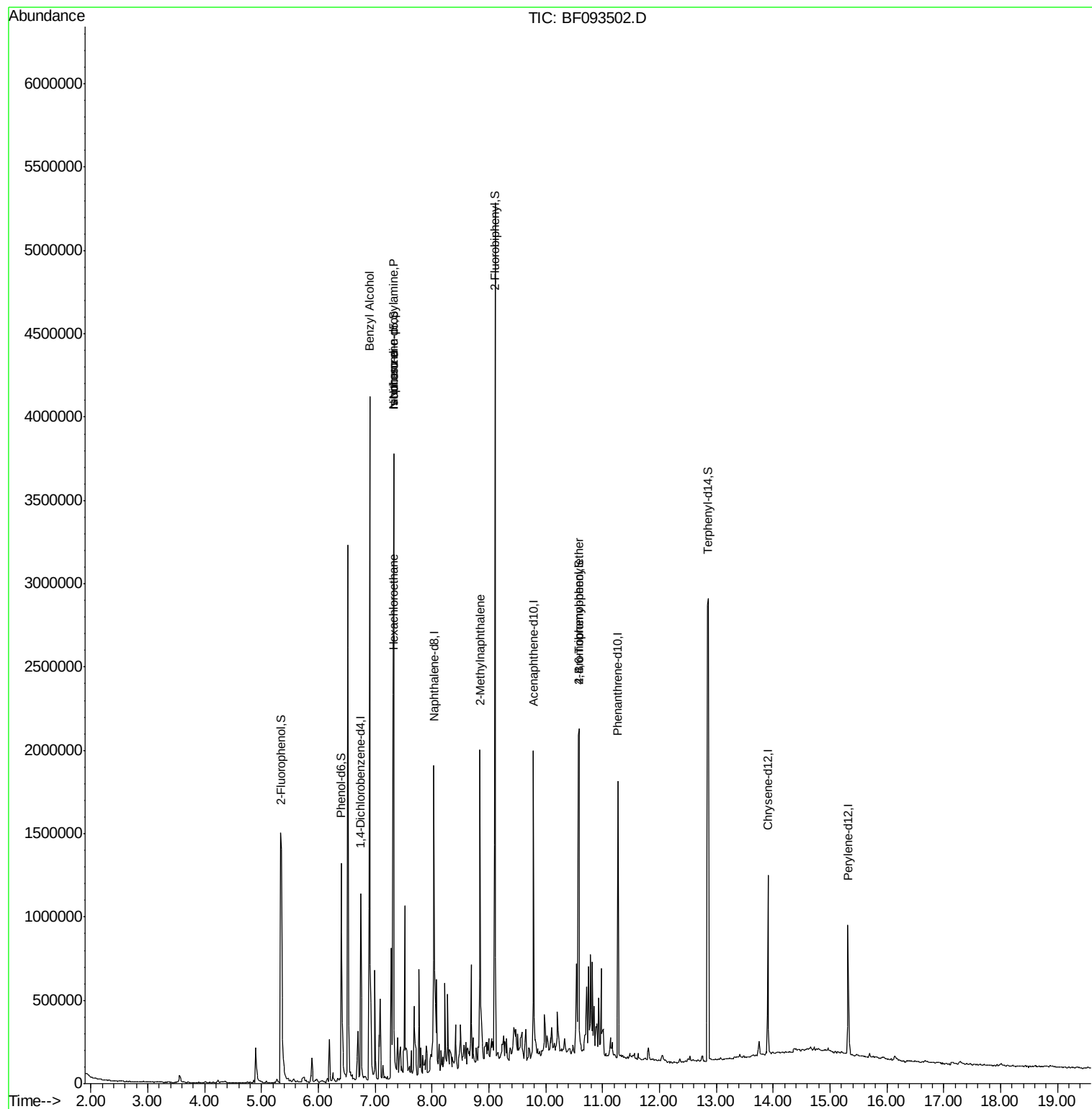
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	189460	20.00	ng	-0.02
21) Naphthalene-d8	8.04	136	737514	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	344687	20.00	ng	-0.02
63) Phenanthrene-d10	11.27	188	564081	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	375364	20.00	ng	-0.01
86) Perylene-d12	15.32	264	337275	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	766938	67.37	ng	0.00
7) Phenol-d6	6.40	99	693697	48.32	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1235827	92.97	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	341854	152.23	ng	-0.01
44) 2-Fluorobiphenyl	9.11	172	1621078	87.48	ng	-0.02
78) Terphenyl-d14	12.86	244	1336018	92.54	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.34	77	2763	Below Cal	#	84
15) Benzyl Alcohol	6.90	79	46450	4.54	ng	31
18) Hexachloroethane	7.32	117	358439	71.11	ng	4
19) n-Nitroso-di-n-propylamine	7.33	70	170020	17.23	ng	79
25) Isophorone	7.33	82	1223381	45.64	ng	65
37) 2-Methylnaphthalene	8.85	142	472965	20.11	ng	97
66) 4-Bromophenyl-phenylether	10.58	248	25243	4.23	ng	1

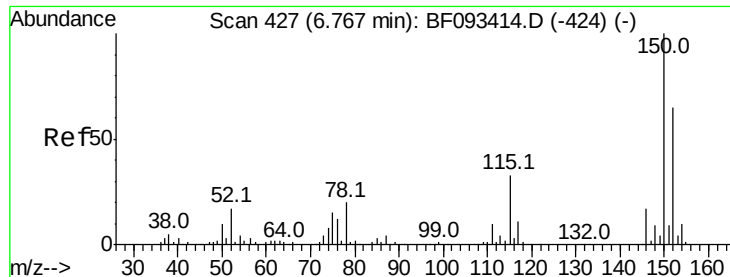
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF093502.D

Acq: 10 Mar 2017 3:37

Instrument :

BNA_F

ClientSampled :

P-03

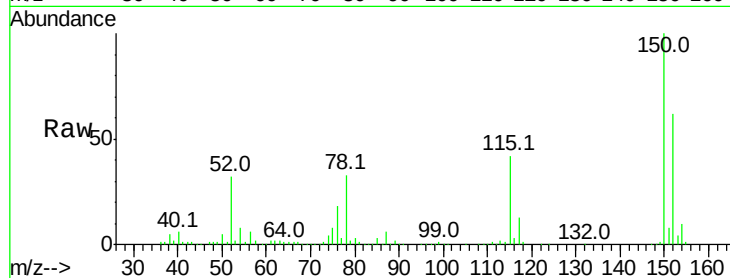
Tot Ion:152 Resp: 189460

Ion Ratio Lower Upper

152 100

150 160.1 124.9 187.3

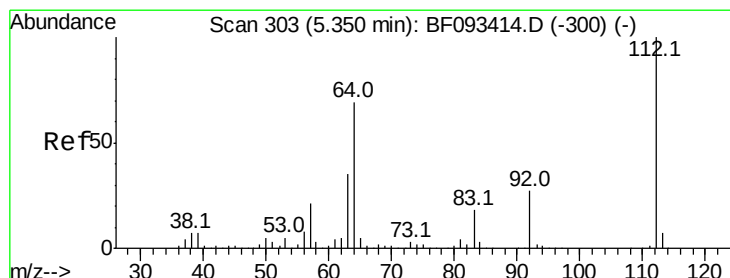
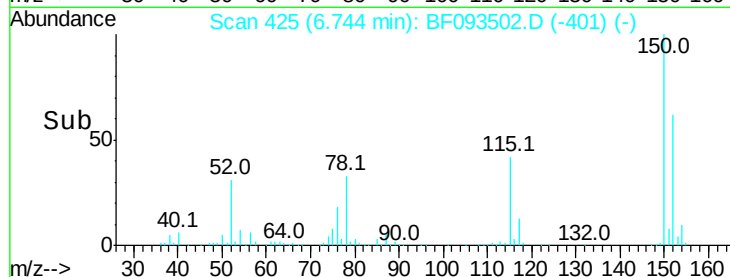
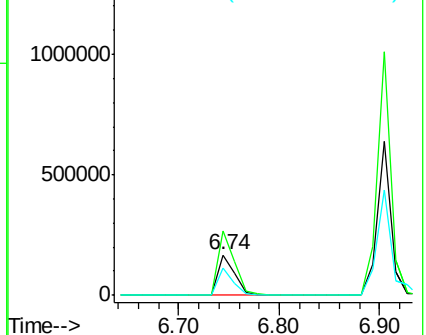
115 67.3 46.0 69.0



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: 67.37 ng

RT: 5.35 min Scan# 303

Delta R.T. -0.00 min

Lab File: BF093502.D

Acq: 10 Mar 2017 3:37

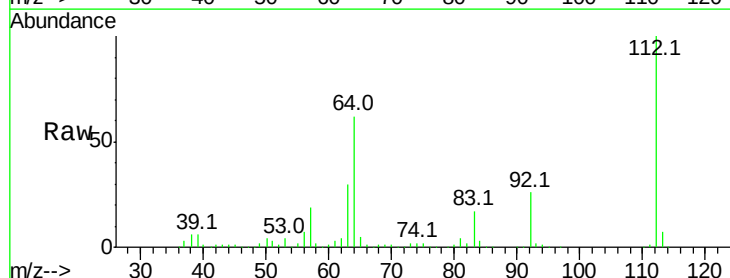
Tgt Ion:112 Resp: 766938

Ion Ratio Lower Upper

112 100

64 61.9 46.1 69.1

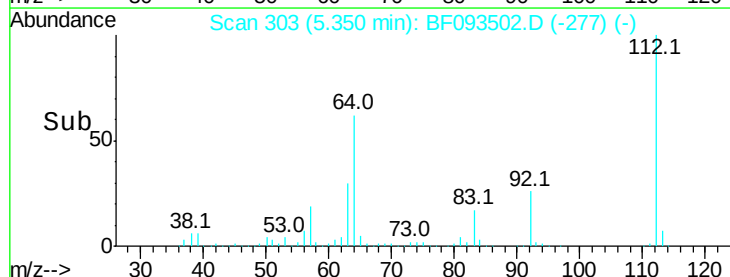
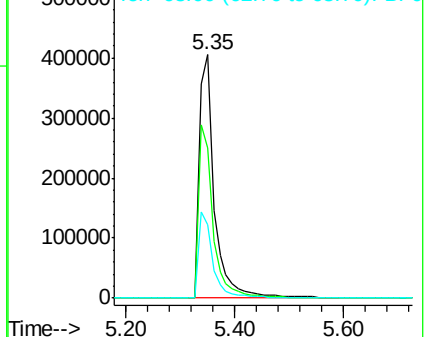
63 30.2 23.8 35.6

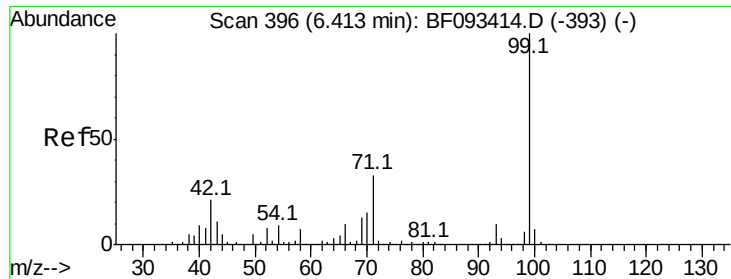


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 48.32 ng

RT: 6.40 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF093502.D

Acq: 10 Mar 2017 3:37

Instrument :

BNA_F

ClientSampleId :

P-03

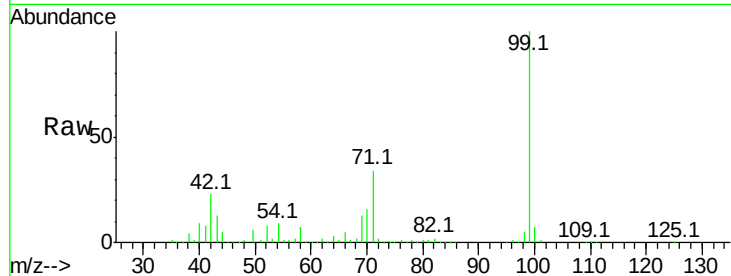
Tot Ion: 99 Resp: 693697

Ion Ratio Lower Upper

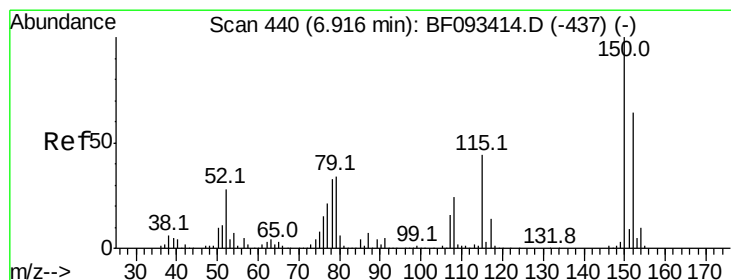
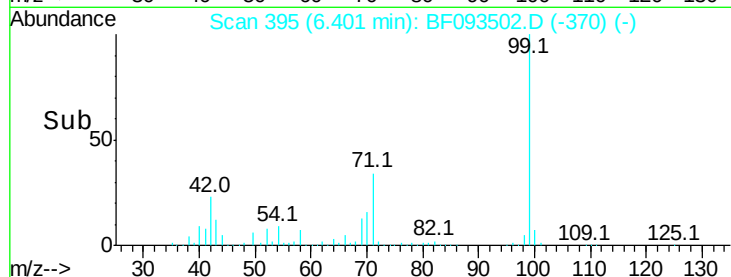
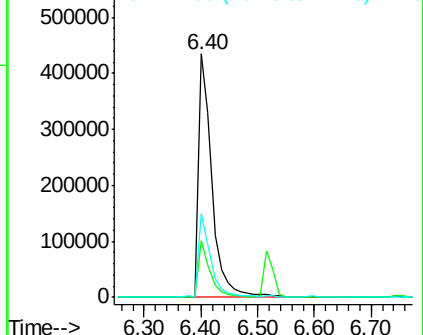
99 100

42 23.3 15.6 23.4

71 34.4 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



#15

Benzyl Alcohol

Concen: 4.54 ng

RT: 6.90 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF093502.D

Acq: 10 Mar 2017 3:37

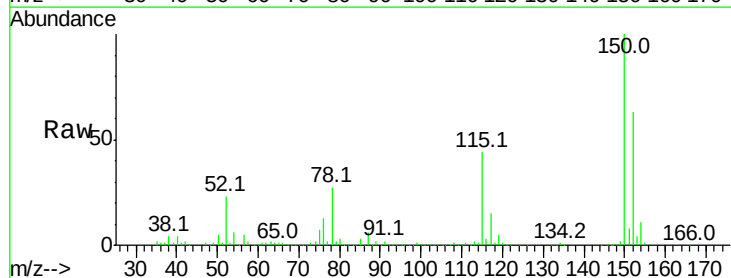
Tgt Ion: 79 Resp: 46450

Ion Ratio Lower Upper

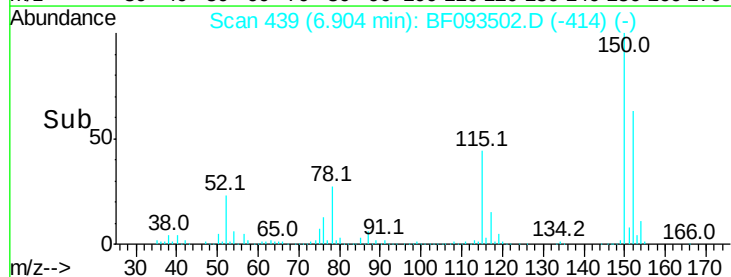
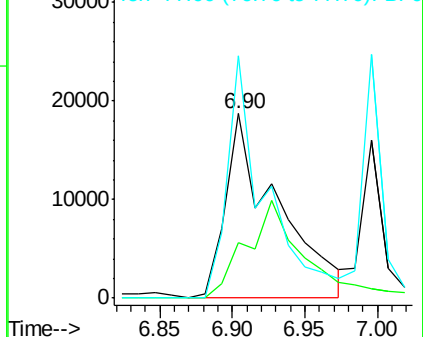
79 100

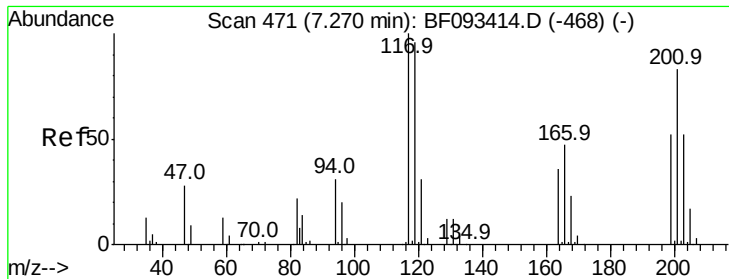
108 29.7 61.4 92.0#

77 131.5 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





#18

Hexachloroethane

Concen: 71.11 ng

RT: 7.32 min Scan# 475

Delta R.T. 0.05 min

Lab File: BF093502.D

Acq: 10 Mar 2017 3:37

Instrument :

BNA_F

ClientSampled :

P-03

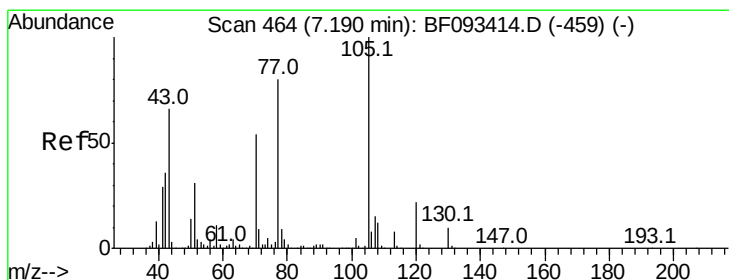
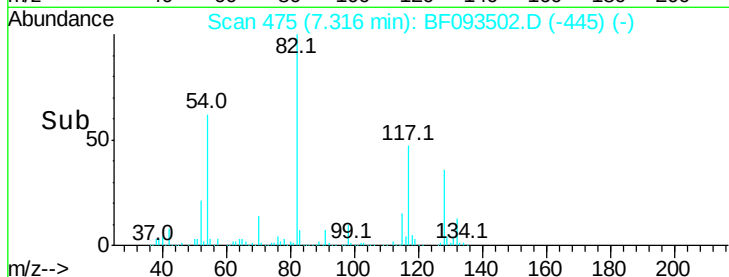
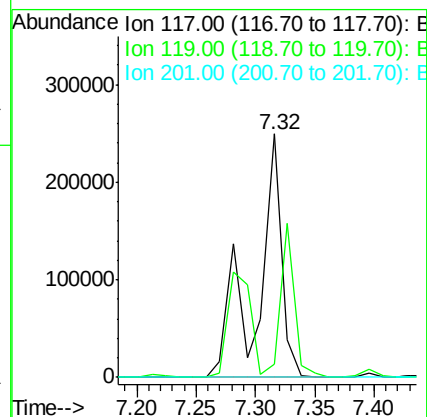
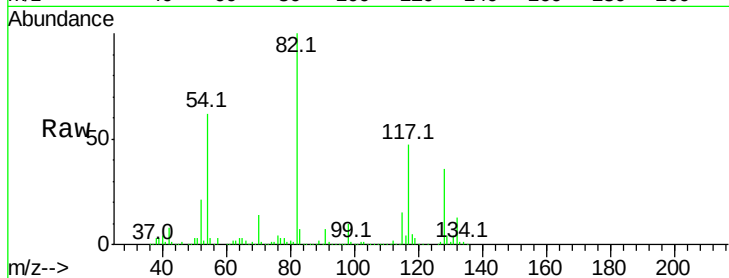
Tot Ion:117 Resp: 358439

Ion Ratio Lower Upper

117 100

119 5.6 78.1 117.1#

201 0.0 78.6 117.8#



#19

n-Nitroso-di-n-propylamine

Concen: 17.23 ng

RT: 7.33 min Scan# 476

Delta R.T. 0.14 min

Lab File: BF093502.D

Acq: 10 Mar 2017 3:37

Tgt Ion: 70 Resp: 170020

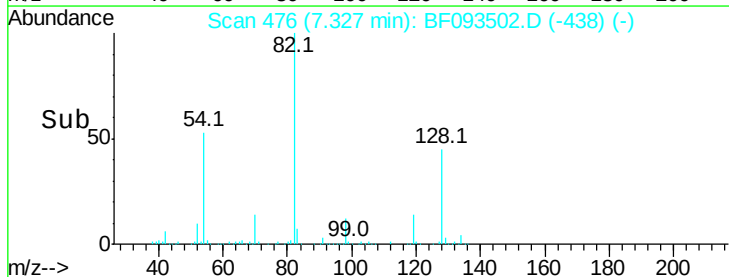
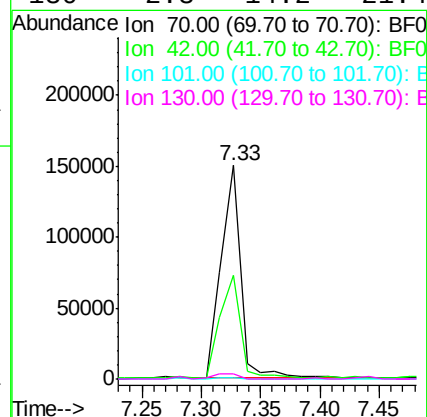
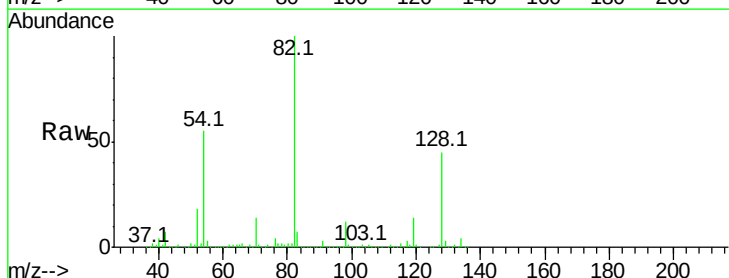
Ion Ratio Lower Upper

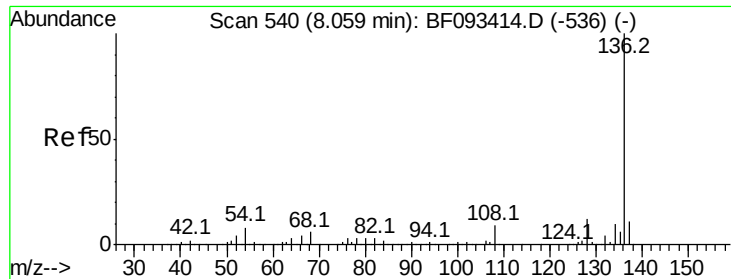
70 100

42 48.8 49.4 74.0#

101 0.4 7.4 11.2#

130 2.3 14.2 21.4#

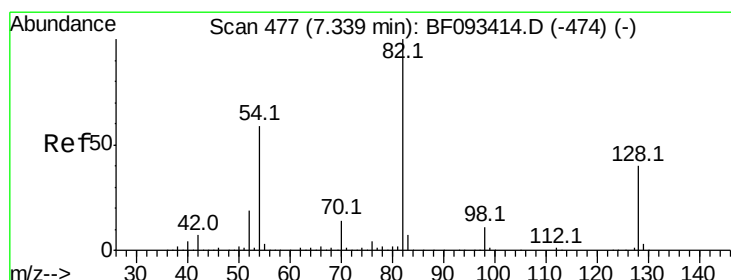
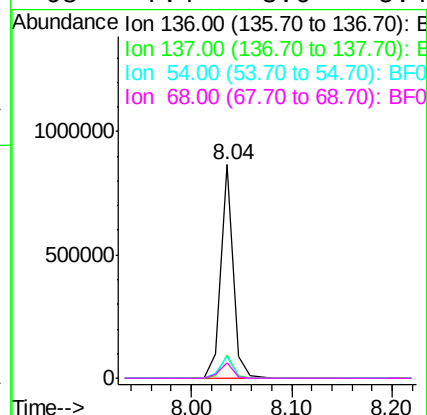
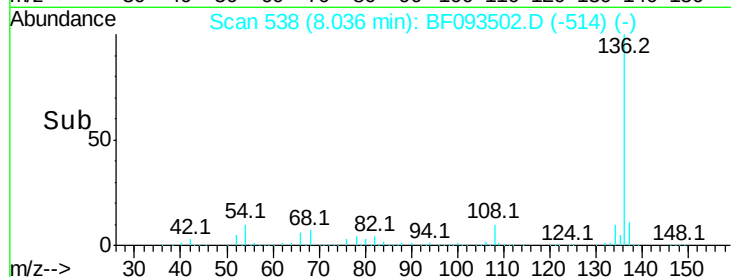
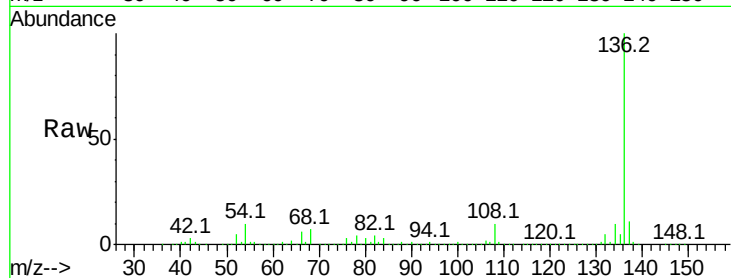




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF093502.D
Acq: 10 Mar 2017 3:37

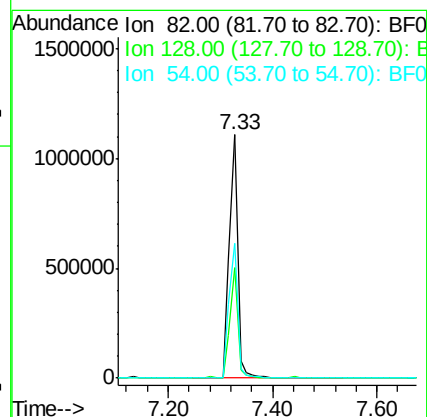
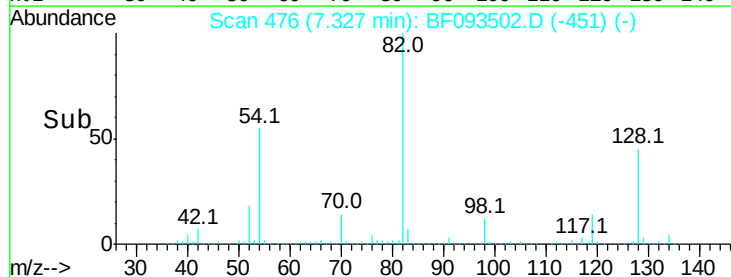
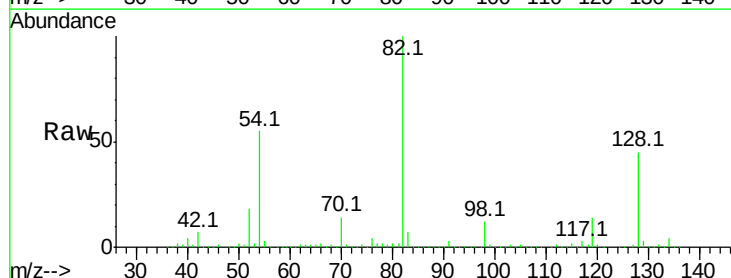
Instrument :
BNA_F
ClientSampled :
P-03

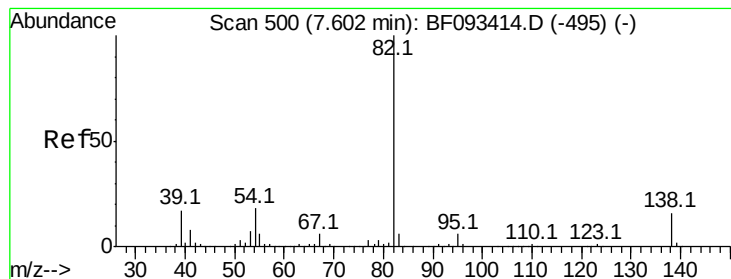
Tot Ion:	136	Resp:	737514
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	10.0	4.5	6.7#
68	7.4	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 92.97 ng
RT: 7.33 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF093502.D
Acq: 10 Mar 2017 3:37

Tgt Ion:	82	Resp:	1235827
Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.6	52.0
54	55.3	39.5	59.3





#25

Isophorone

Concen: 45.64 ng

RT: 7.33 min Scan# 476

Delta R.T. -0.27 min

Lab File: BF093502.D

Acq: 10 Mar 2017 3:37

Instrument :

BNA_F

ClientSampleId :

P-03

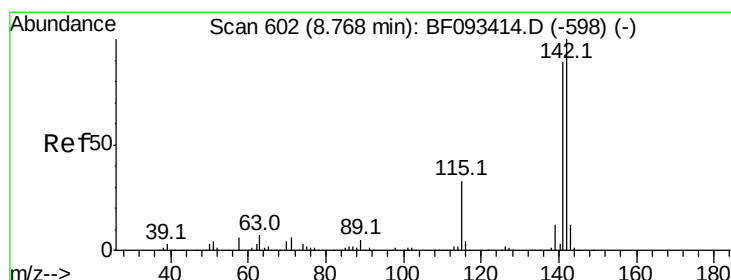
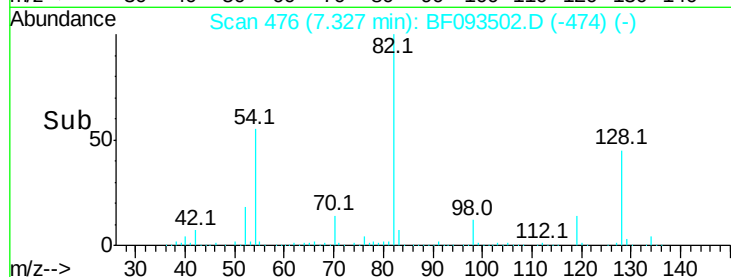
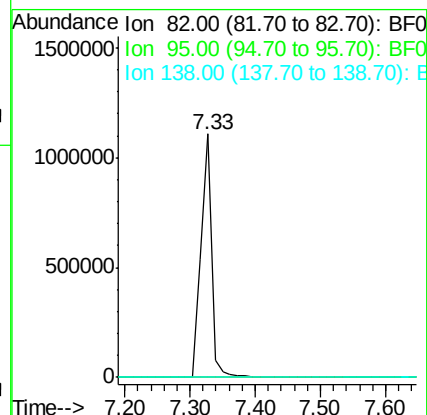
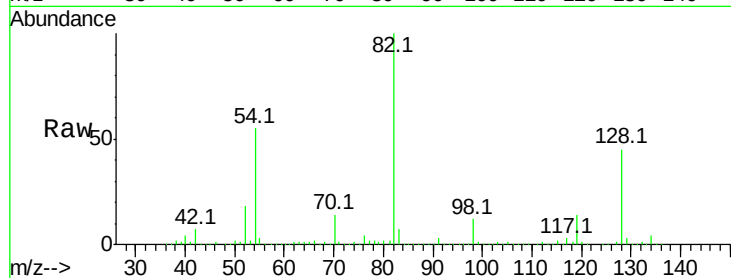
Tot Ion: 82 Resp: 1223381

Ion Ratio Lower Upper

82 100

95 0.1 5.6 8.4#

138 0.0 14.6 22.0#



#37

2-Methylnaphthalene

Concen: 20.11 ng

RT: 8.85 min Scan# 609

Delta R.T. 0.08 min

Lab File: BF093502.D

Acq: 10 Mar 2017 3:37

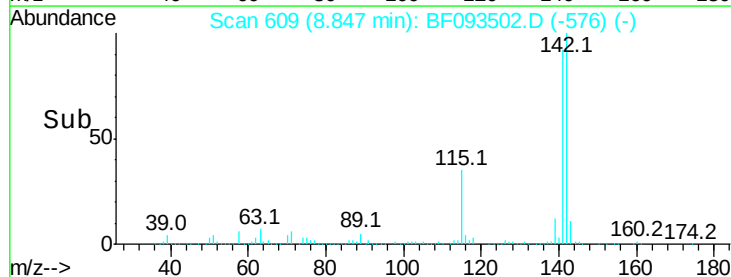
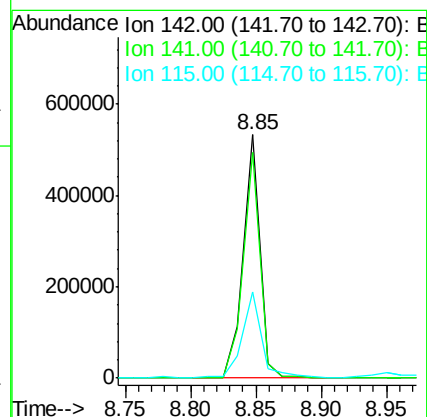
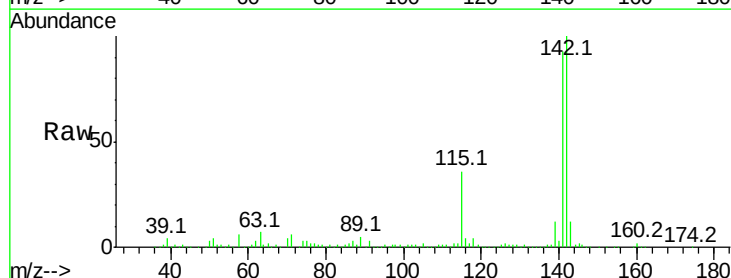
Tgt Ion: 142 Resp: 472965

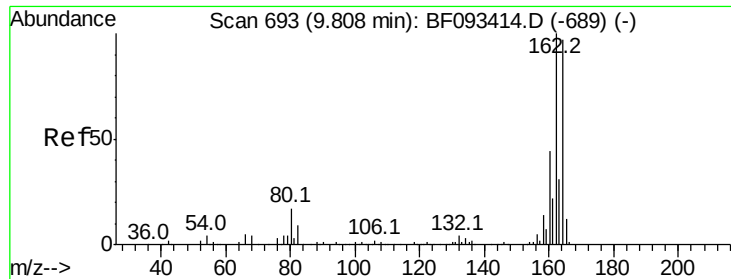
Ion Ratio Lower Upper

142 100

141 92.5 71.0 106.6

115 35.5 28.3 42.5

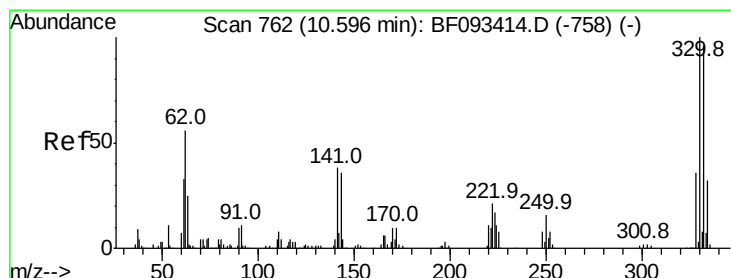
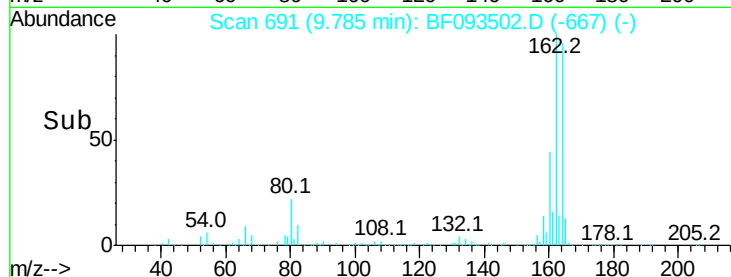
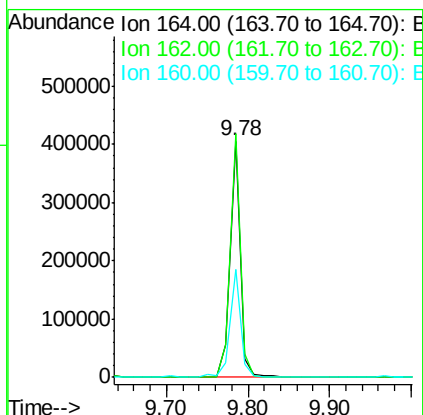
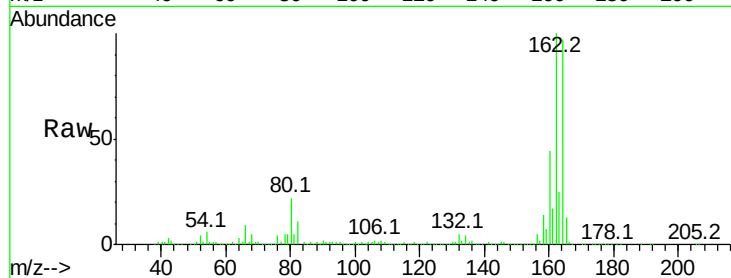




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 691
 Delta R.T. -0.02 min
 Lab File: BF093502.D
 Acq: 10 Mar 2017 3:37

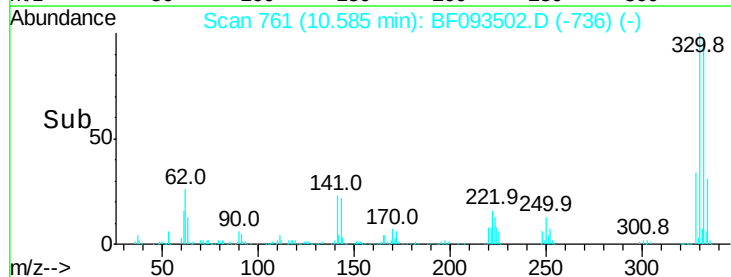
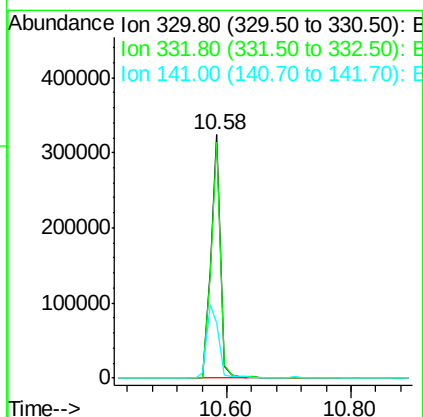
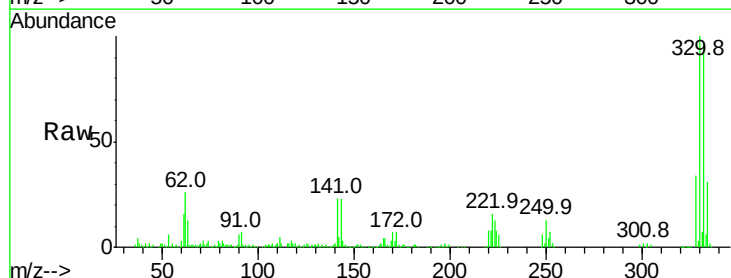
Instrument :
 BNA_F
 ClientSampleId :
 P-03

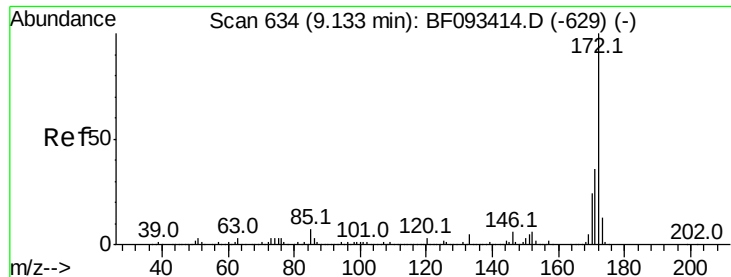
Tot Ion:164 Resp: 344687
 Ion Ratio Lower Upper
 164 100
 162 103.1 80.2 120.2
 160 45.7 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 152.23 ng
 RT: 10.58 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF093502.D
 Acq: 10 Mar 2017 3:37

Tgt Ion:330 Resp: 341854
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.4 116.2
 141 37.5 34.1 51.1





#44

2-Fluorobiphenyl

Concen: 87.48 ng

RT: 9.11 min Scan# 632

Delta R.T. -0.02 min

Lab File: BF093502.D

Acq: 10 Mar 2017 3:37

Instrument :

BNA_F

ClientSampleId :

P-03

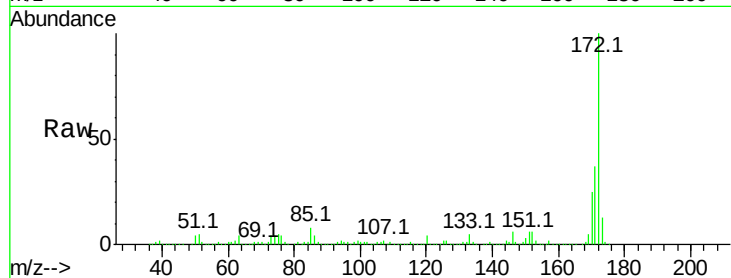
Tot Ion:172 Resp: 1621078

Ion Ratio Lower Upper

172 100

171 37.0 29.4 44.0

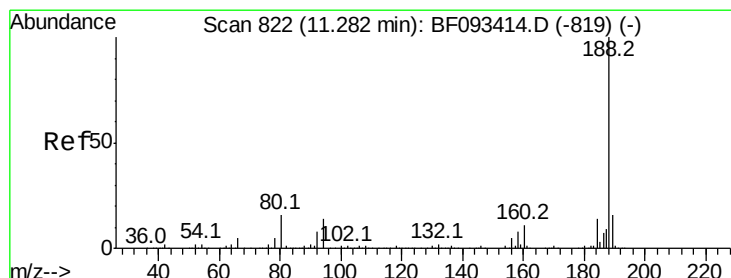
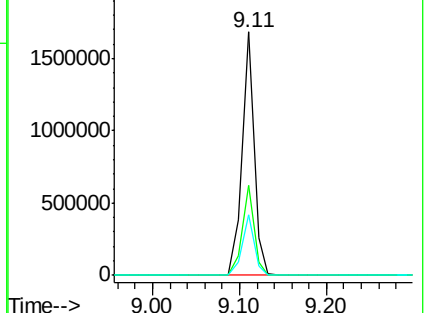
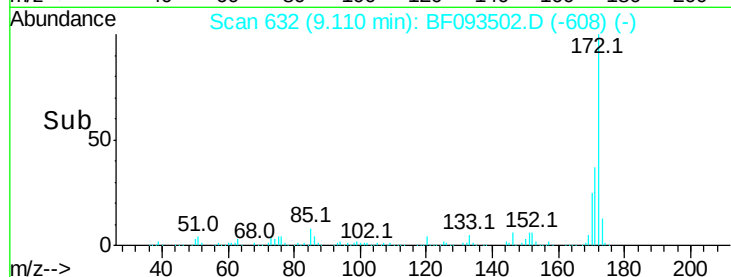
170 24.9 20.2 30.4



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.27 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF093502.D

Acq: 10 Mar 2017 3:37

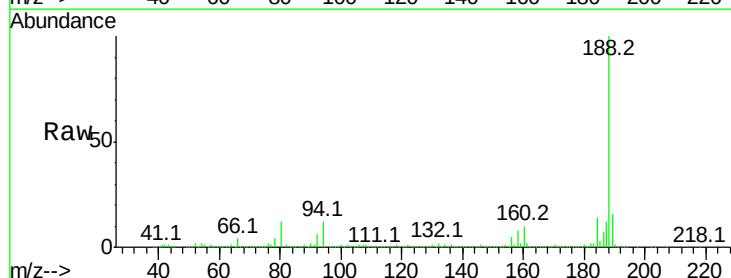
Tgt Ion:188 Resp: 564081

Ion Ratio Lower Upper

188 100

94 11.9 10.0 15.0

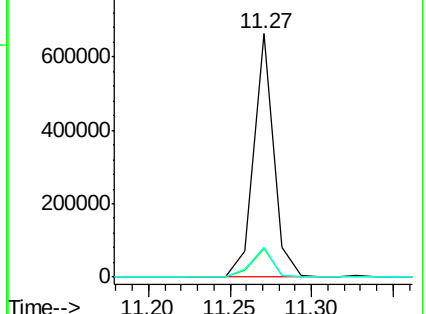
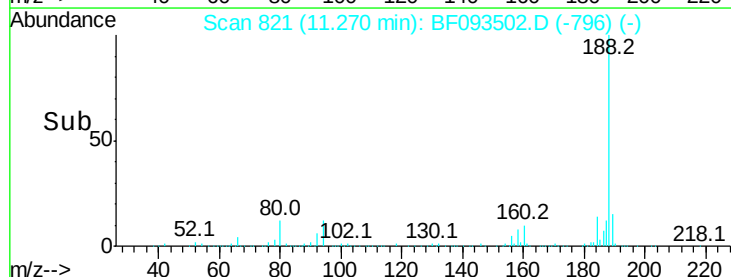
80 12.3 11.2 16.8

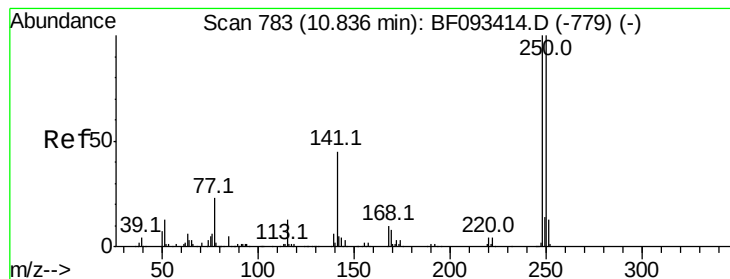


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.23 ng

RT: 10.58 min Scan# 761

Delta R.T. -0.25 min

Lab File: BF093502.D

Acq: 10 Mar 2017 3:37

Instrument :

BNA_F

ClientSampleId :

P-03

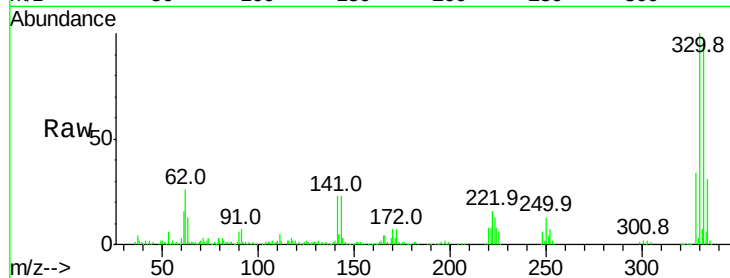
Tot Ion:248 Resp: 25243

Ion Ratio Lower Upper

248 100

250 209.7 76.9 115.3#

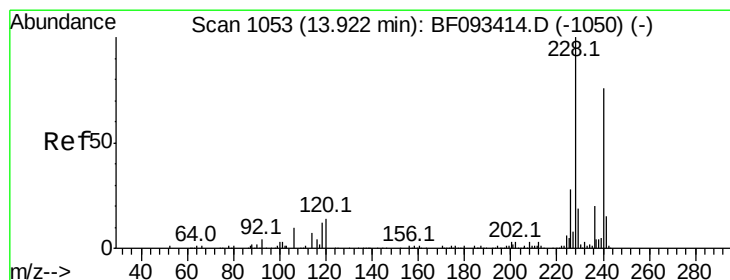
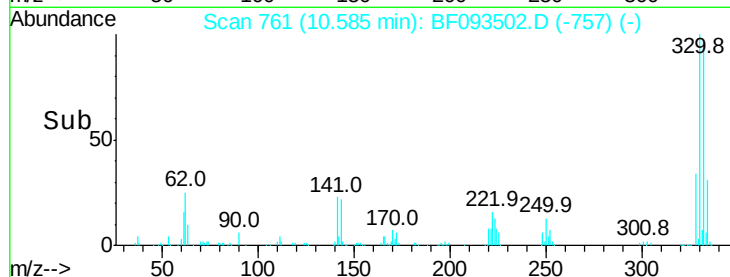
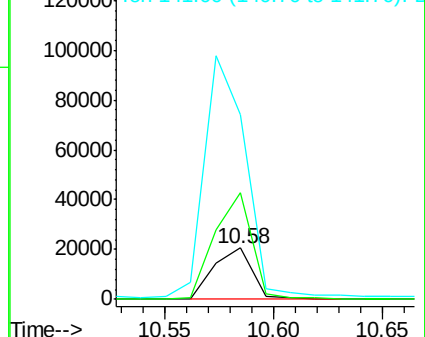
141 361.8 68.2 102.4#



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: 13.91 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF093502.D

Acq: 10 Mar 2017 3:37

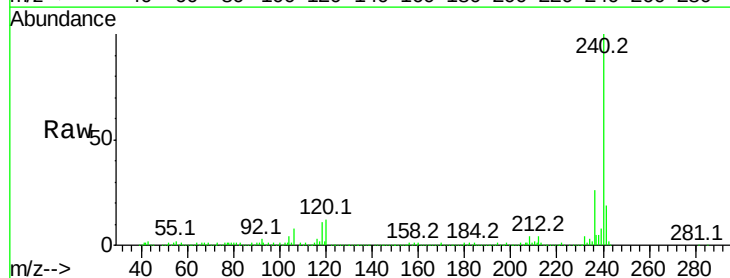
Tgt Ion:240 Resp: 375364

Ion Ratio Lower Upper

240 100

120 12.4 12.9 19.3#

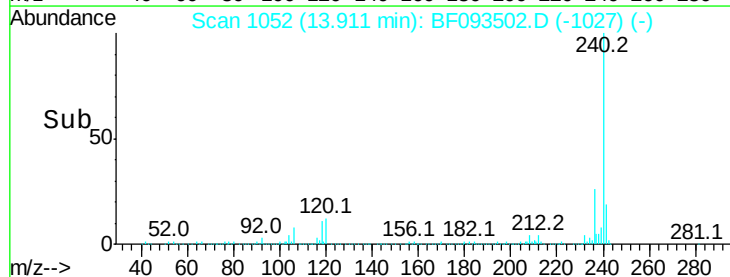
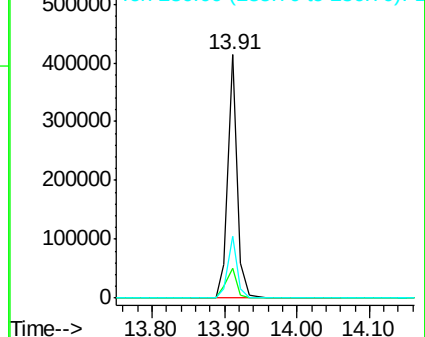
236 25.6 20.9 31.3

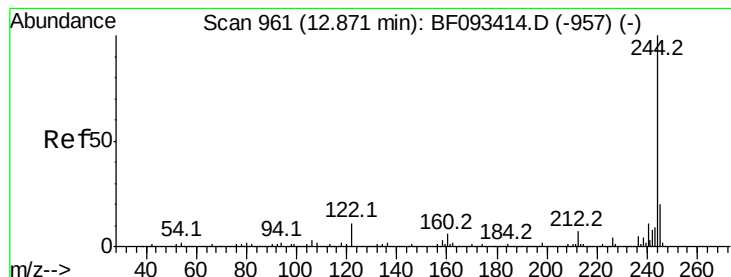


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 92.54 ng

RT: 12.86 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF093502.D

Acq: 10 Mar 2017 3:37

Instrument :

BNA_F

ClientSampleId :

P-03

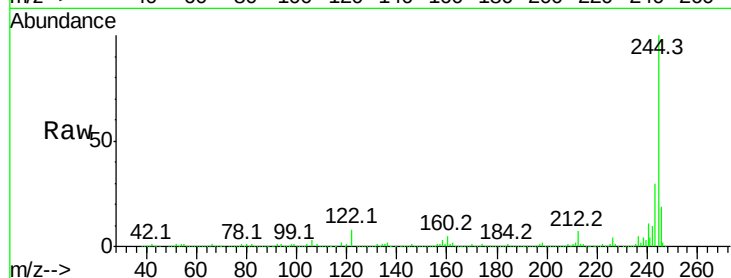
Tot Ion:244 Resp: 1336018

Ion Ratio Lower Upper

244 100

212 6.7 6.2 9.2

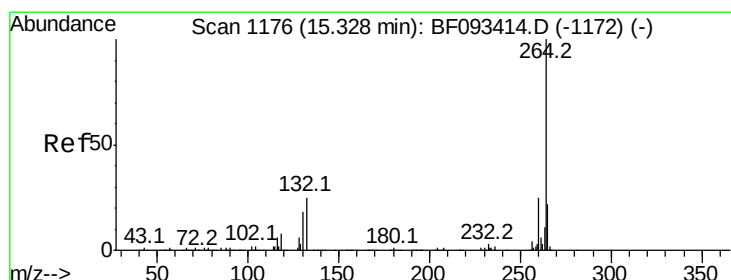
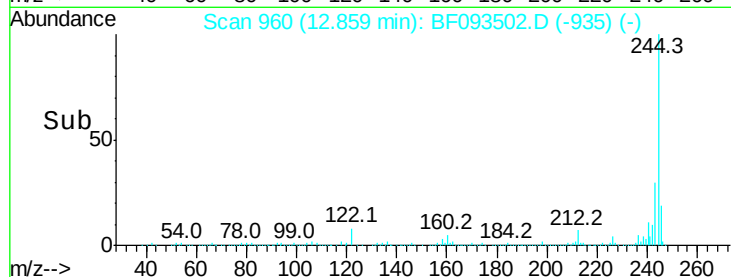
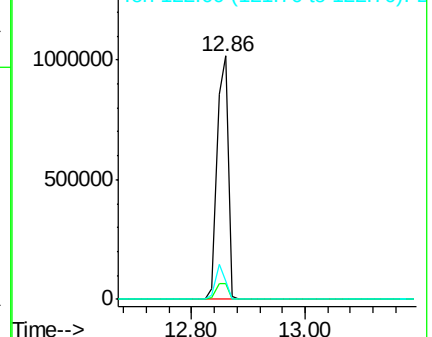
122 7.8 11.4 17.2#



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

Perylene-d12

Concen: 20.00 ng

RT: 15.32 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF093502.D

Acq: 10 Mar 2017 3:37

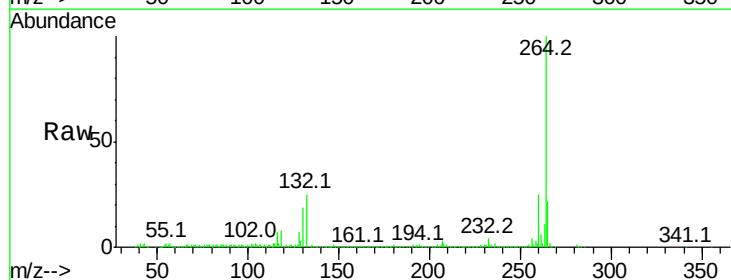
Tgt Ion:264 Resp: 337275

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 22.0 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

