

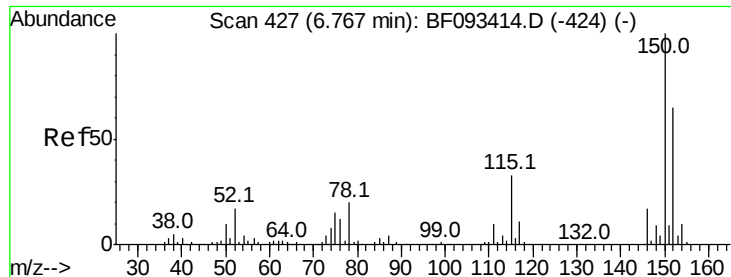
Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
 Data File : BF093500.D
 Acq On : 10 Mar 2017 2:42
 Operator : SJ/MA
 Sample : I2188-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RU-BUBBLE-01

Quant Time: Mar 10 04:24:21 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	6.90	152	588415	20.00	ng	0.14
21) Naphthalene-d8	8.04	136	756970	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	348984	20.00	ng	-0.02
63) Phenanthrene-d10	11.27	188	580721	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	384671	20.00	ng	-0.01
86) Perylene-d12	15.32	264	350267	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1362881	38.55	ng	0.00
7) Phenol-d6	6.41	99	1874823	42.05	ng	0.00
23) Nitrobenzene-d5	7.33	82	1167022	85.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	289276	127.23	ng	-0.01
44) 2-Fluorobiphenyl	9.11	172	1502837	80.10	ng	-0.02
78) Terphenyl-d14	12.85	244	1033253	69.84	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.41	77	3626	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.33	70	155448	5.07 ng	#	77
25) Isophorone	7.33	82	1158439	42.11 ng	#	65
49) Dimethylphthalate	9.51	163	431759	18.66 ng		99
56) 2,4-Dinitrotoluene	9.78	165	45046	7.22 ng	#	20
66) 4-Bromophenyl-phenylether	10.57	248	20878	3.40 ng	#	1
83) Bis(2-ethylhexyl)phthalate	13.88	149	32861	2.00 ng		98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 439

Delta R.T. 0.14 min

Lab File: BF093500.D

Acq: 10 Mar 2017 2:42

Instrument :

BNA_F

ClientSampleId :

RU-BUBBLE-01

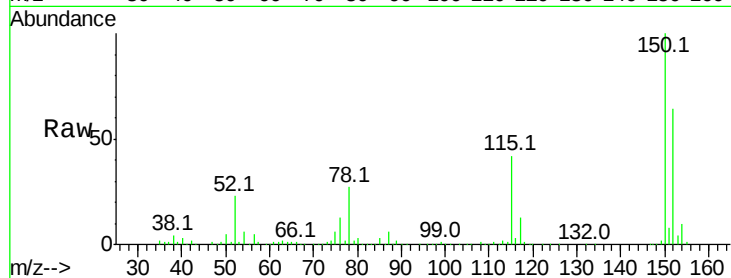
Tot Ion:152 Resp: 588415

Ion Ratio Lower Upper

152 100

150 156.2 124.9 187.3

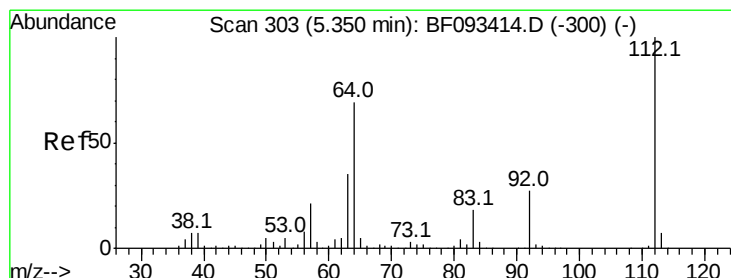
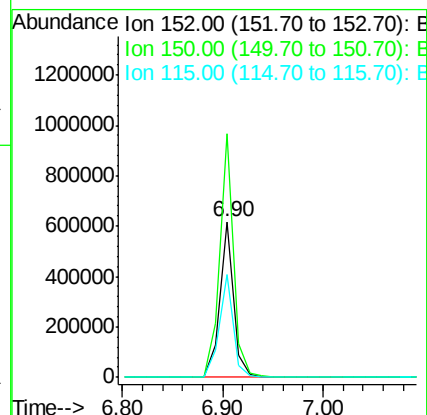
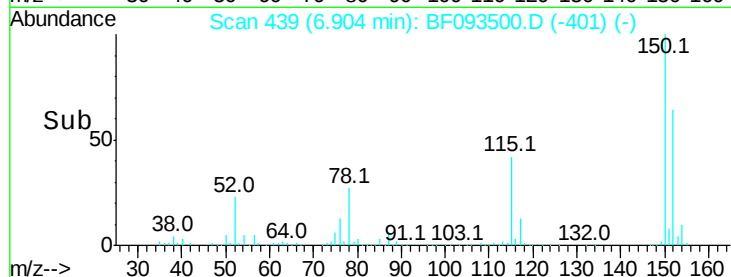
115 65.9 46.0 69.0



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: 38.55 ng

RT: 5.35 min Scan# 303

Delta R.T. -0.00 min

Lab File: BF093500.D

Acq: 10 Mar 2017 2:42

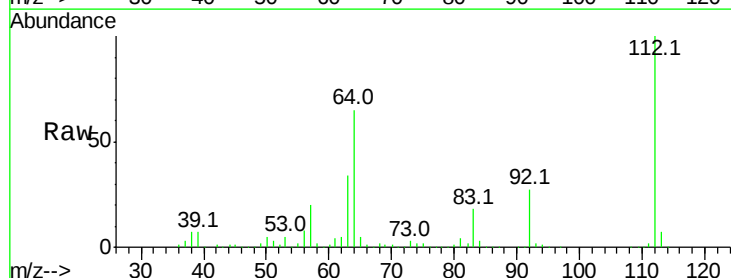
Tgt Ion:112 Resp: 1362881

Ion Ratio Lower Upper

112 100

64 65.4 46.1 69.1

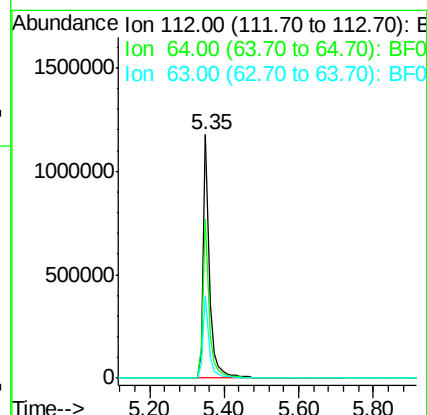
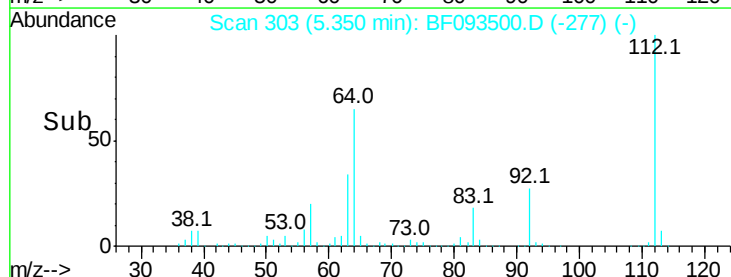
63 33.6 23.8 35.6

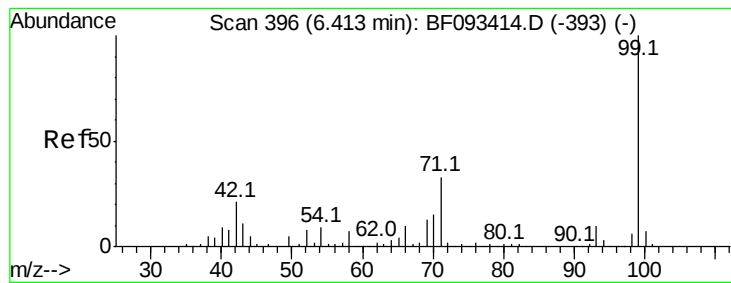


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 42.05 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF093500.D

Acq: 10 Mar 2017 2:42

Instrument :

BNA_F

ClientSampleId :

RU-BUBBLE-01

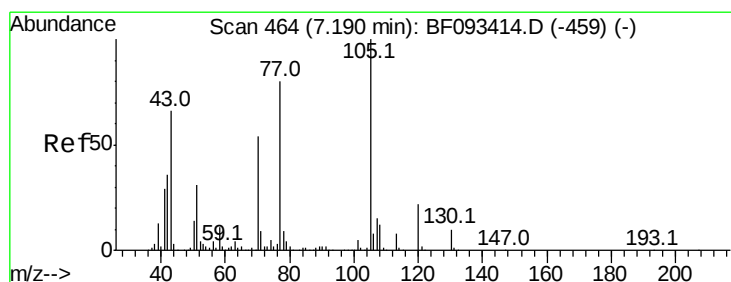
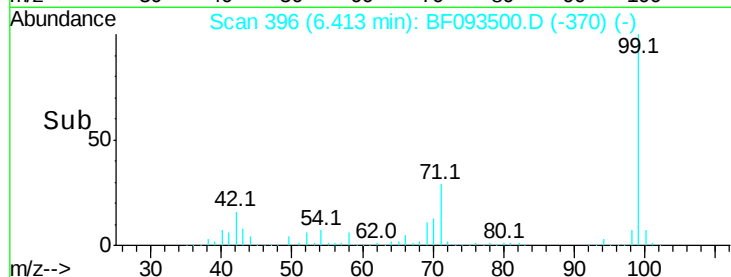
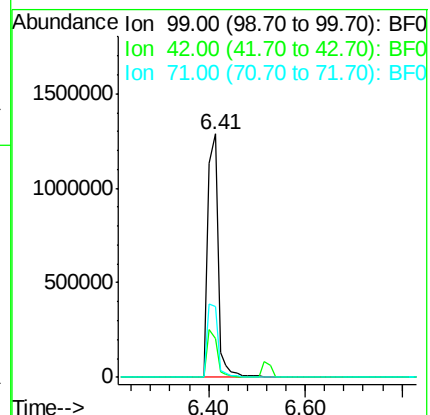
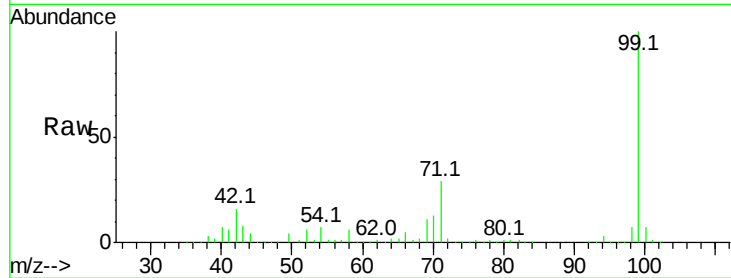
Tot Ion: 99 Resp: 1874823

Ion Ratio Lower Upper

99 100

42 16.0 15.6 23.4

71 29.0 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 5.07 ng

RT: 7.33 min Scan# 476

Delta R.T. 0.14 min

Lab File: BF093500.D

Acq: 10 Mar 2017 2:42

Tgt Ion: 70 Resp: 155448

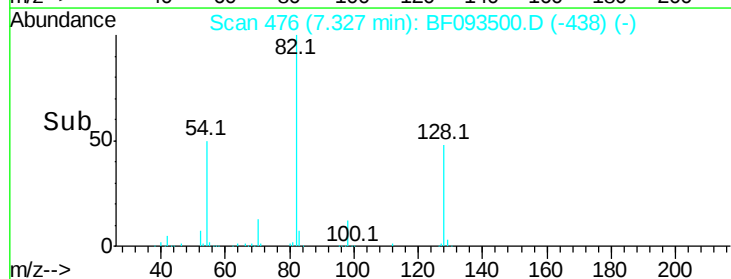
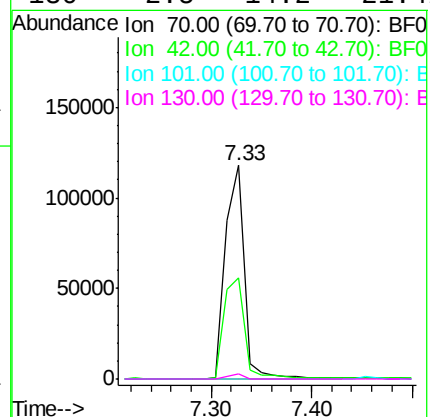
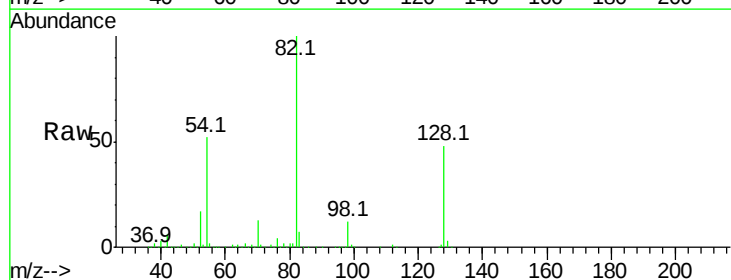
Ion Ratio Lower Upper

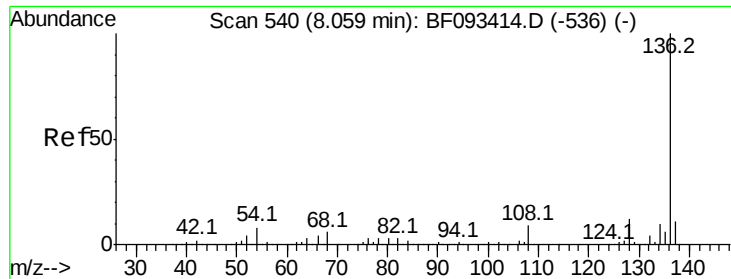
70 100

42 47.4 49.4 74.0#

101 0.0 7.4 11.2#

130 2.5 14.2 21.4#

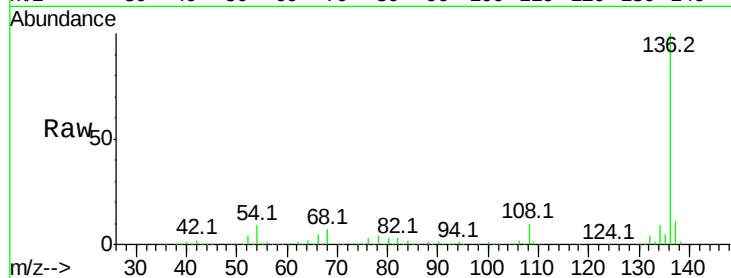




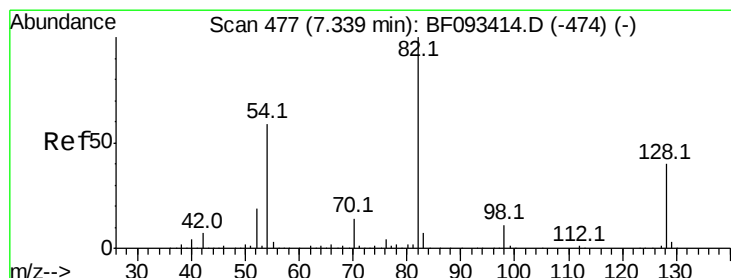
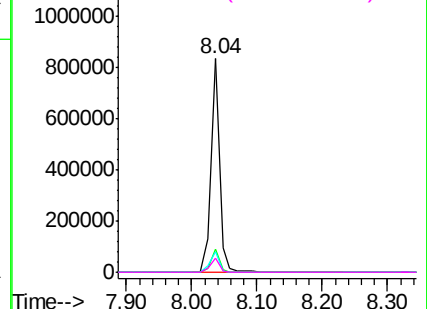
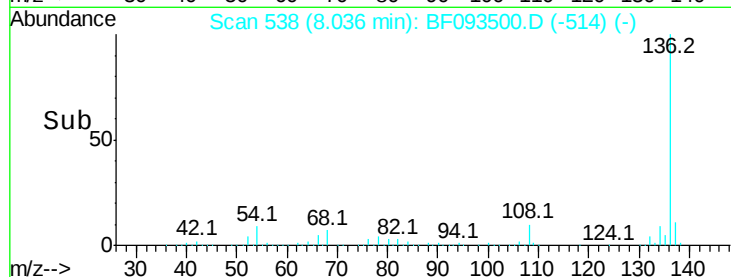
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF093500.D
Acq: 10 Mar 2017 2:42

Instrument :
BNA_F
ClientSampleId :
RU-BUBBLE-01

Tot Ion:	136	Resp:	756970
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	9.5	4.5	6.7#
68	6.8	3.6	5.4#

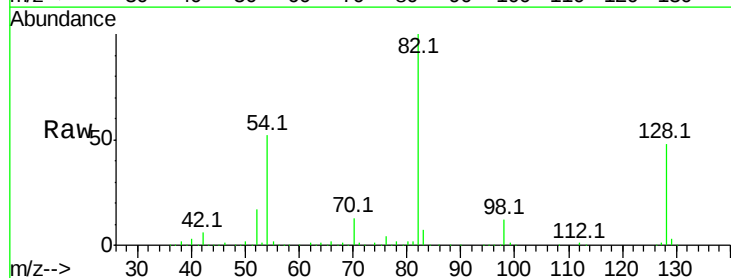


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

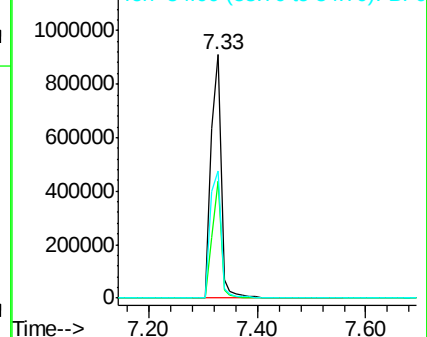
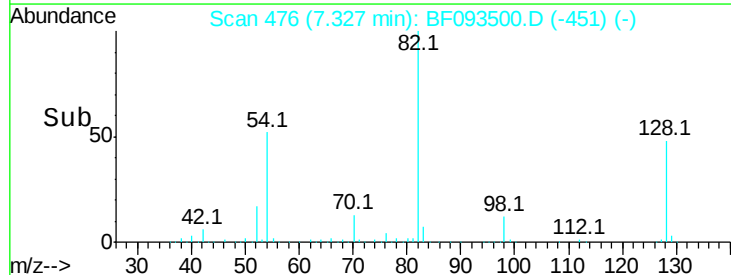


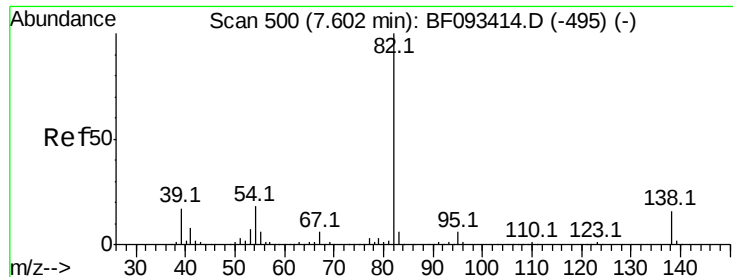
#23
Nitrobenzene-d5
Concen: 85.54 ng
RT: 7.33 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF093500.D
Acq: 10 Mar 2017 2:42

Tgt Ion:	82	Resp:	1167022
Ion	Ratio	Lower	Upper
82	100		
128	48.0	34.6	52.0
54	52.1	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: 42.11 ng

RT: 7.33 min Scan# 476

Delta R.T. -0.27 min

Lab File: BF093500.D

Acq: 10 Mar 2017 2:42

Instrument :

BNA_F

ClientSampleId :

RU-BUBBLE-01

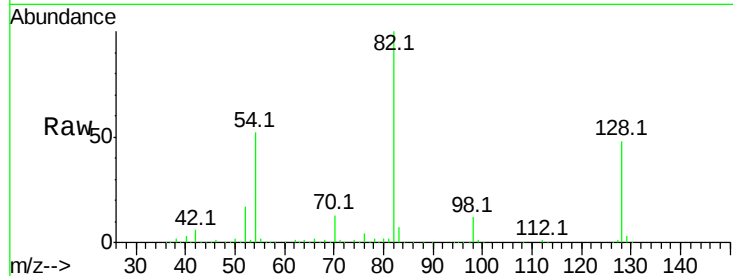
Tot Ion: 82 Resp: 1158439

Ion Ratio Lower Upper

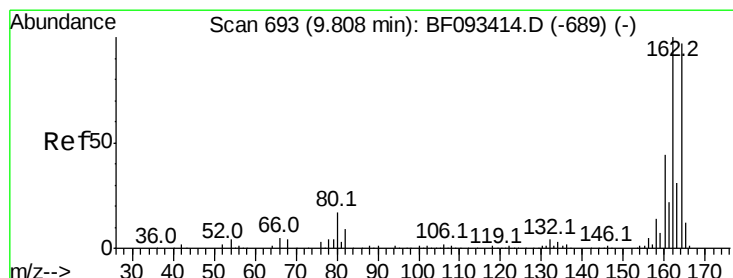
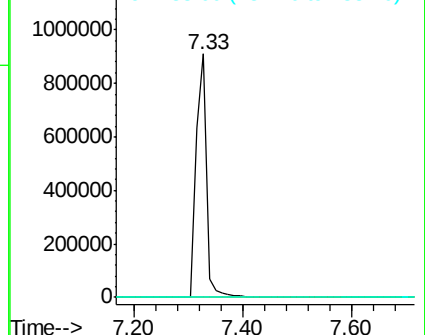
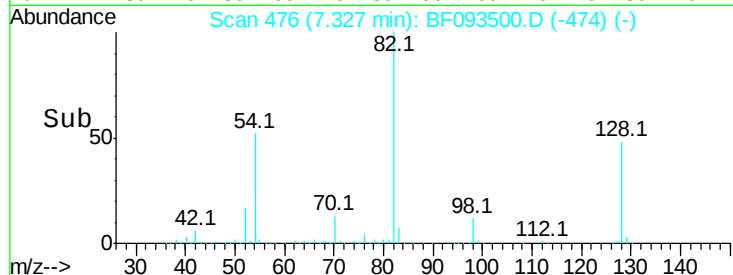
82 100

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: 9.78 min Scan# 691

Delta R.T. -0.02 min

Lab File: BF093500.D

Acq: 10 Mar 2017 2:42

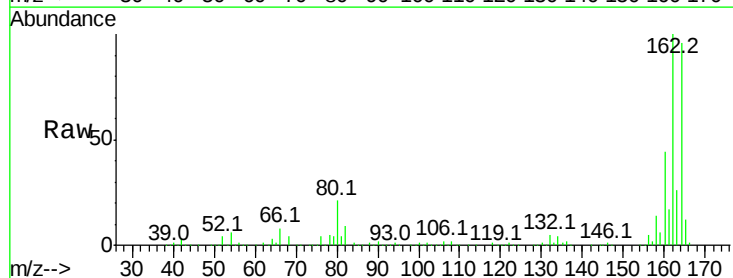
Tgt Ion:164 Resp: 348984

Ion Ratio Lower Upper

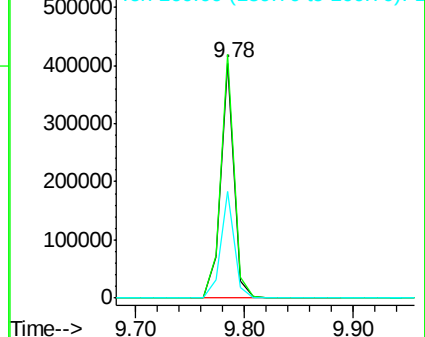
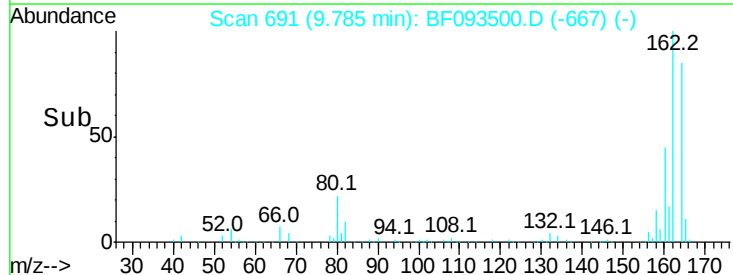
164 100

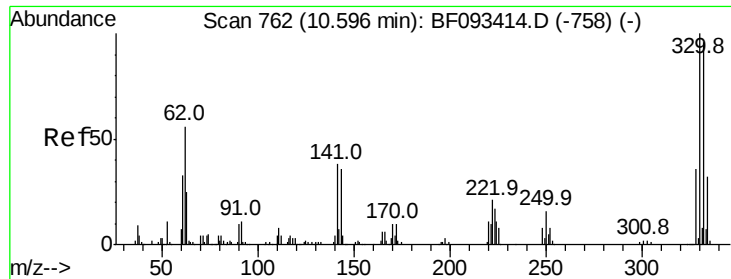
162 103.7 80.2 120.2

160 45.6 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

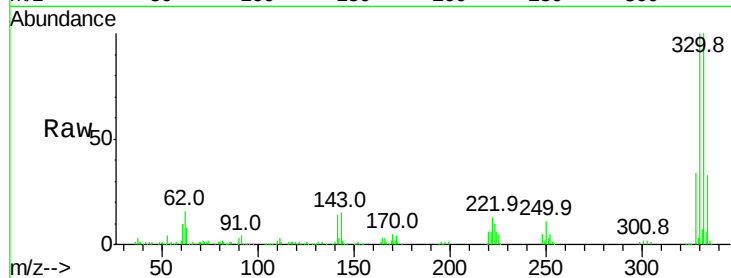




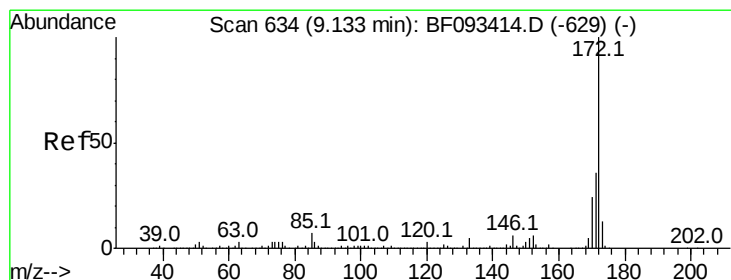
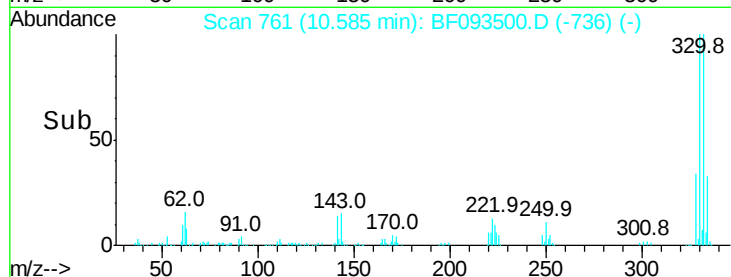
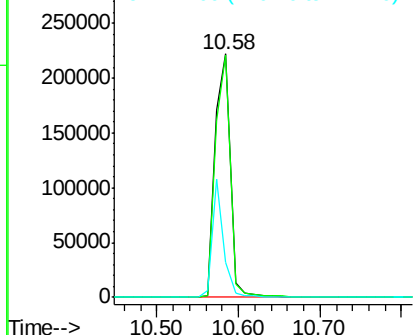
#41
 2,4,6-Tribromophenol
 Concen: 127.23 ng
 RT: 10.58 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF093500.D
 Acq: 10 Mar 2017 2:42

Instrument :
 BNA_F
 ClientSampleId :
 RU-BUBBLE-01

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.4	116.2
141	36.8	34.1	51.1

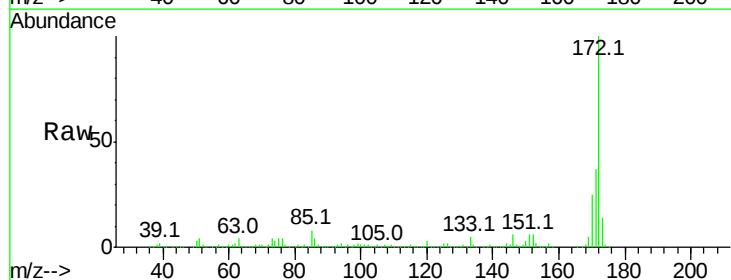


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

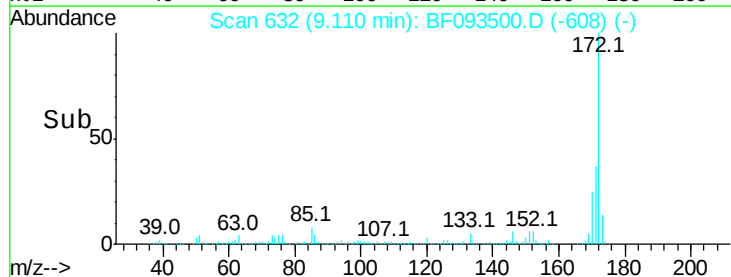
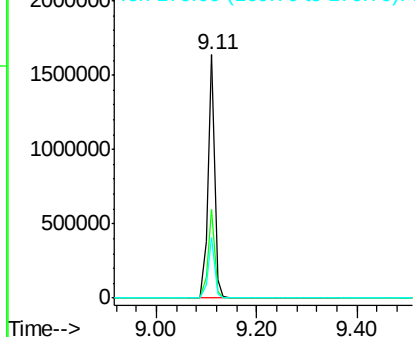


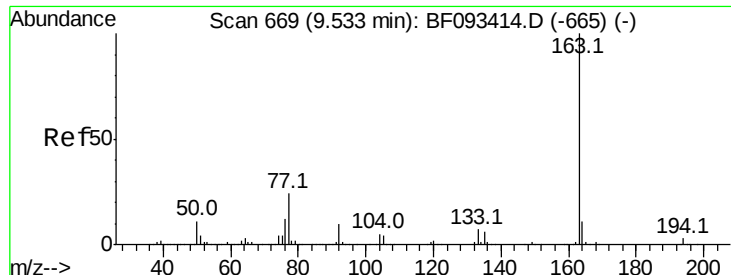
#44
 2-Fluorobiphenyl
 Concen: 80.10 ng
 RT: 9.11 min Scan# 632
 Delta R.T. -0.02 min
 Lab File: BF093500.D
 Acq: 10 Mar 2017 2:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	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

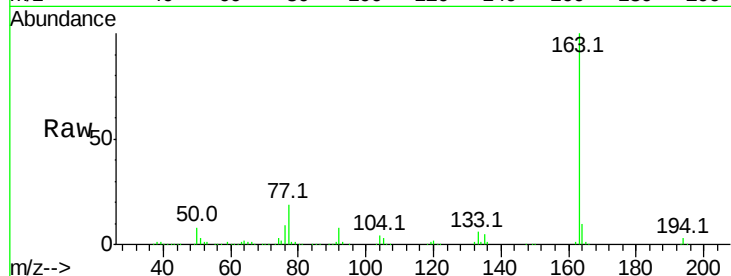




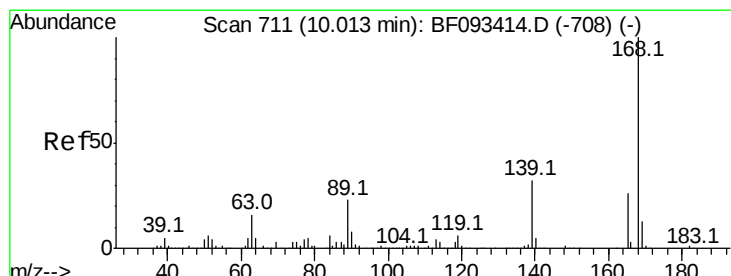
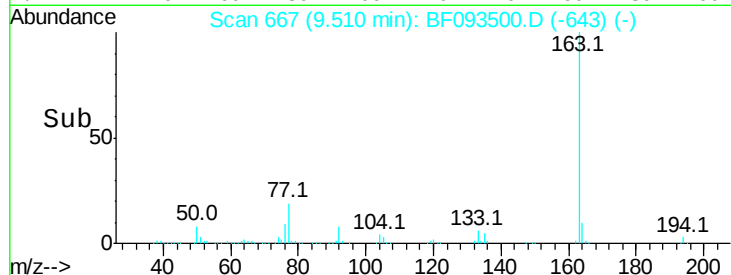
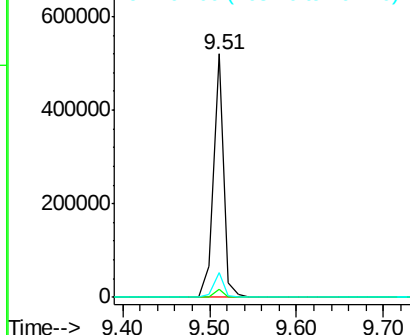
#49
Dimethylphthalate
Concen: 18.66 ng
RT: 9.51 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF093500.D
Acq: 10 Mar 2017 2:42

Instrument :
BNA_F
ClientSampleId :
RU-BUBBLE-01

Tot Ion:163 Resp: 431759
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 10.3 8.0 12.0

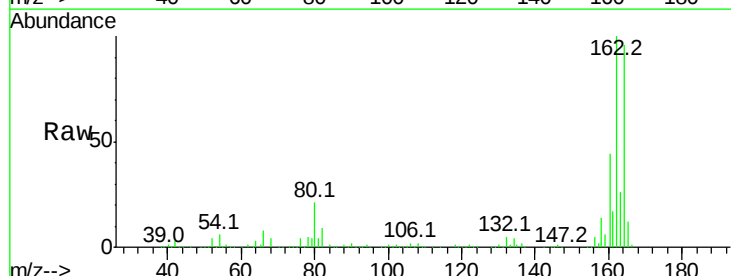


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

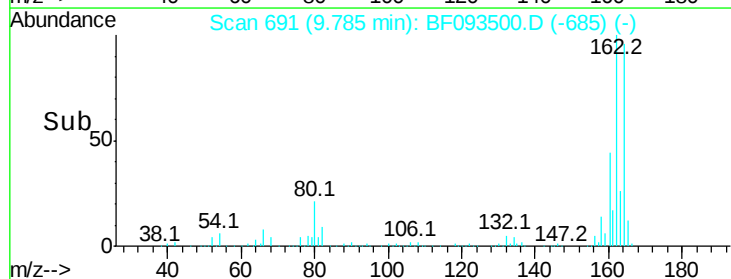
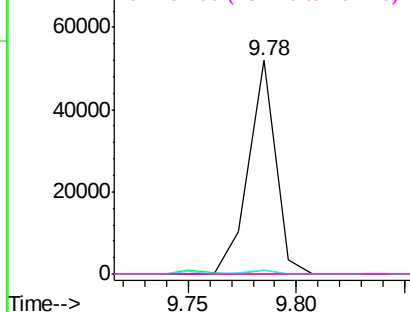


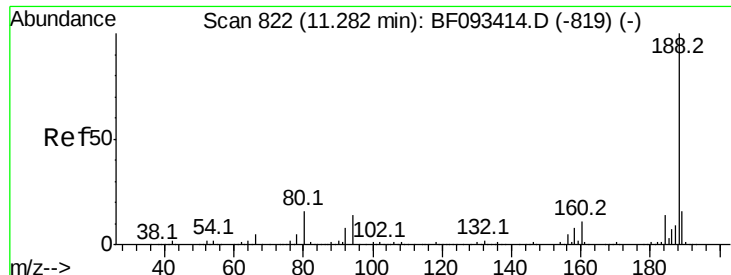
#56
2,4-Dinitrotoluene
Concen: 7.22 ng
RT: 9.78 min Scan# 691
Delta R.T. -0.23 min
Lab File: BF093500.D
Acq: 10 Mar 2017 2:42

Tgt Ion:165 Resp: 45046
Ion Ratio Lower Upper
165 100
63 1.7 40.2 60.4#
89 1.8 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

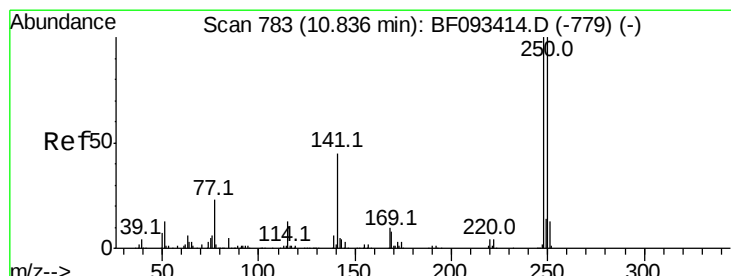
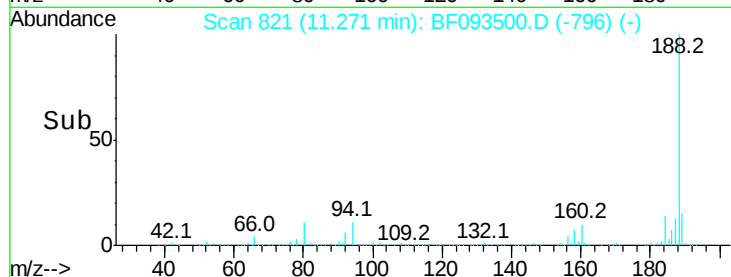
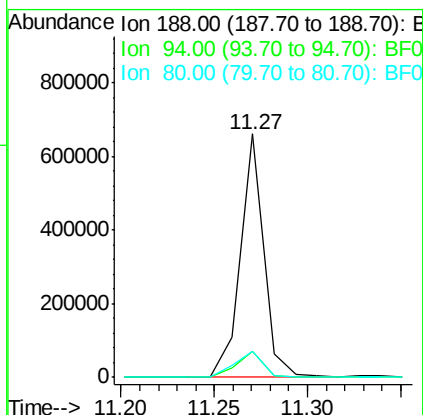
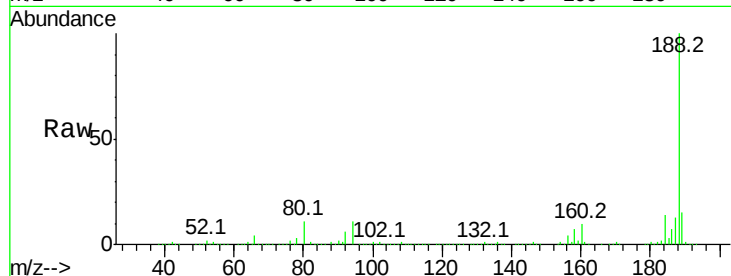




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF093500.D
Acq: 10 Mar 2017 2:42

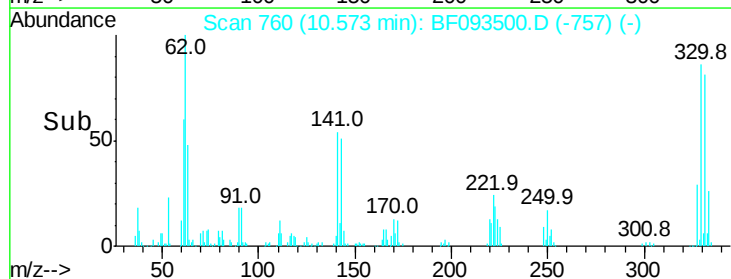
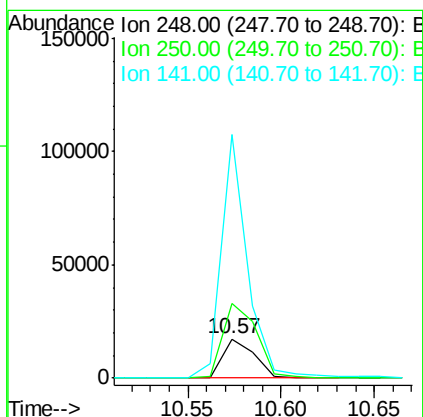
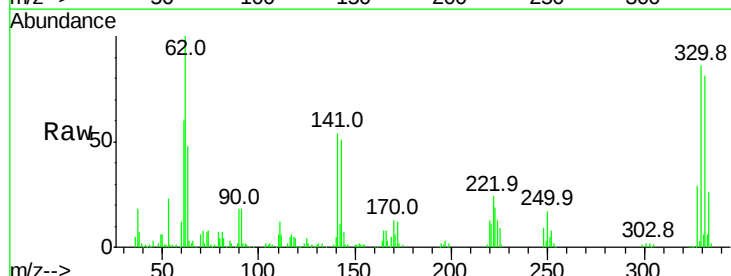
Instrument :
BNA_F
ClientSampleId :
RU-BUBBLE-01

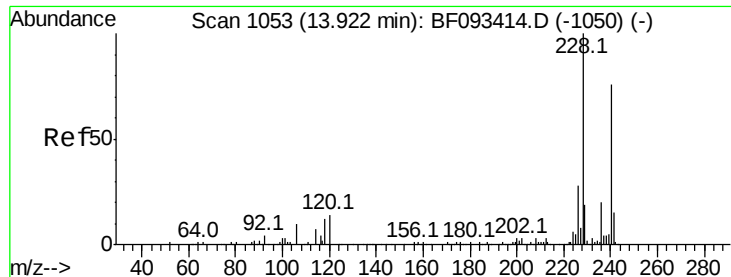
Tot Ion:188 Resp: 580721
Ion Ratio Lower Upper
188 100
94 10.6 10.0 15.0
80 10.9 11.2 16.8#



#66
4-Bromophenyl-phenylether
Concen: 3.40 ng
RT: 10.57 min Scan# 760
Delta R.T. -0.26 min
Lab File: BF093500.D
Acq: 10 Mar 2017 2:42

Tgt Ion:248 Resp: 20878
Ion Ratio Lower Upper
248 100
250 193.8 76.9 115.3#
141 627.9 68.2 102.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF093500.D

Acq: 10 Mar 2017 2:42

Instrument :

BNA_F

ClientSampleId :

RU-BUBBLE-01

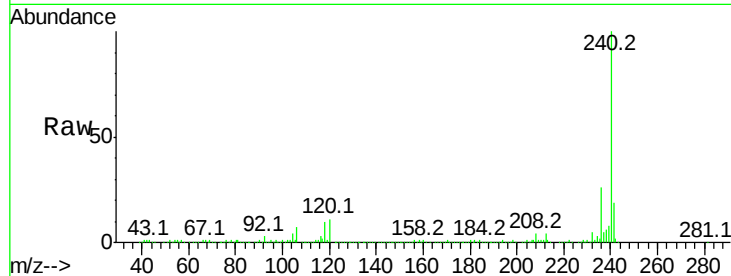
Tot Ion:240 Resp: 384671

Ion Ratio Lower Upper

240 100

120 11.1 12.9 19.3#

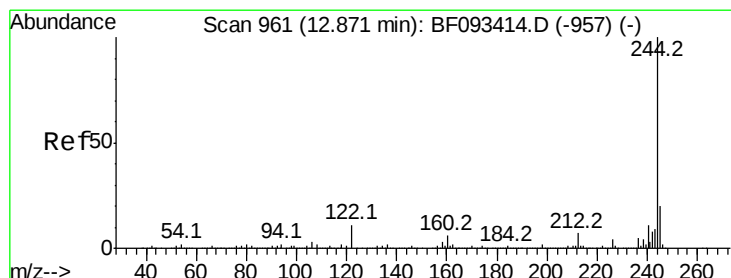
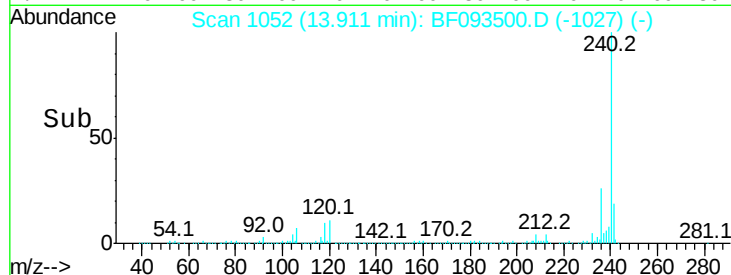
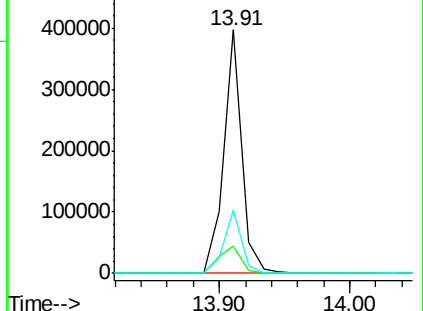
236 26.2 20.9 31.3



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: 69.84 ng

RT: 12.85 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF093500.D

Acq: 10 Mar 2017 2:42

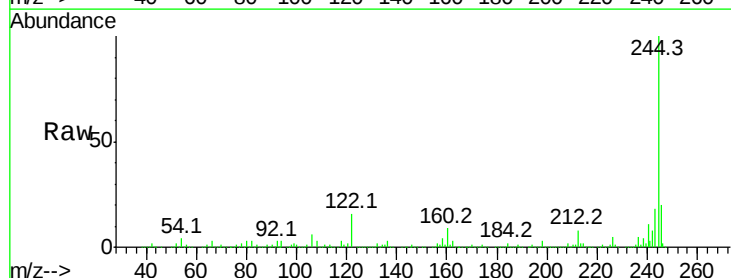
Tgt Ion:244 Resp: 1033253

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

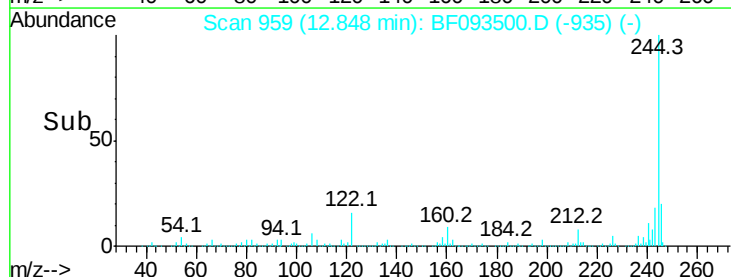
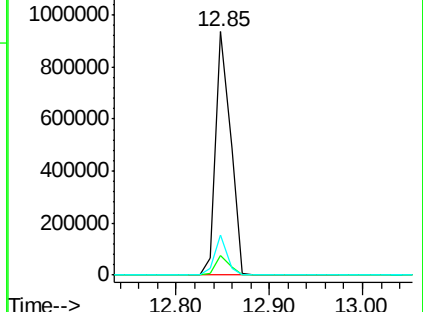
122 16.4 11.4 17.2

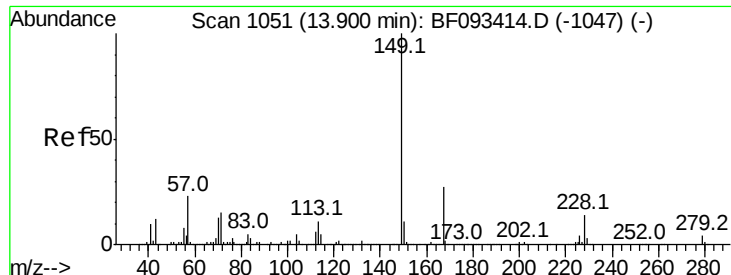


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

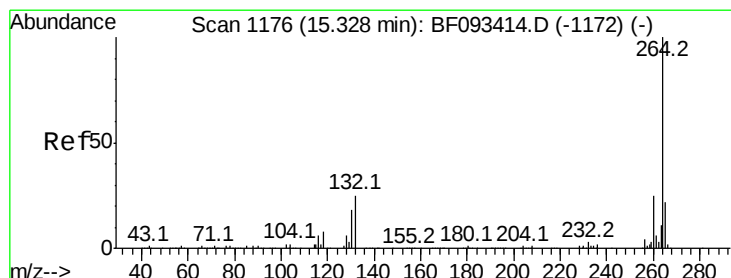
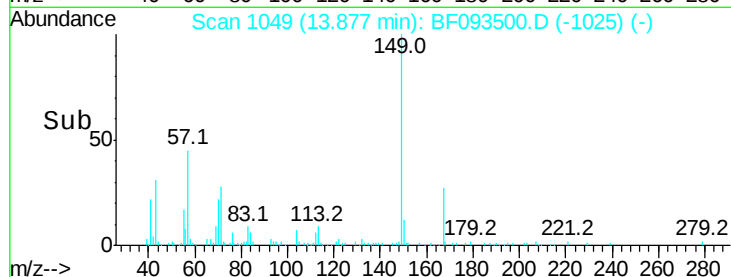
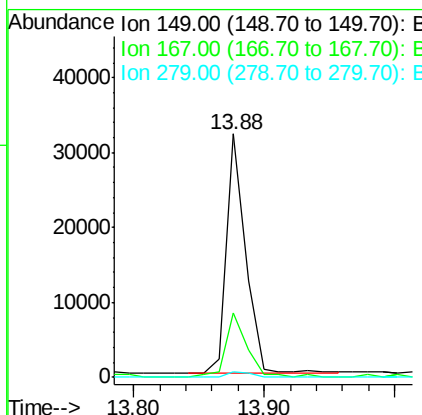
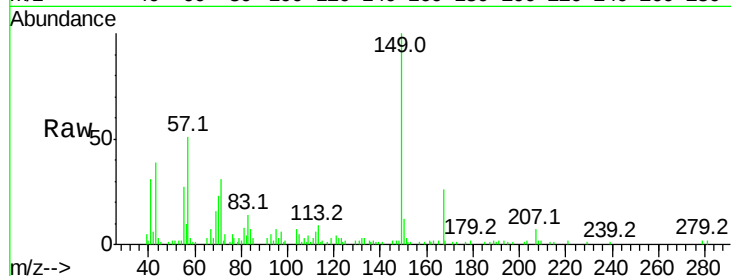




#83
Bis(2-ethylhexyl)phthalate
Concen: 2.00 ng
RT: 13.88 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BF093500.D
Acq: 10 Mar 2017 2:42

Instrument :
BNA_F
ClientSampleId :
RU-BUBBLE-01

Tot Ion:149 Resp: 32861
Ion Ratio Lower Upper
149 100
167 26.3 20.2 30.4
279 2.3 1.8 2.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF093500.D
Acq: 10 Mar 2017 2:42

Tgt Ion:264 Resp: 350267
Ion Ratio Lower Upper
264 100
260 24.6 19.2 28.8
265 21.1 17.4 26.0

