

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
 Data File : BF093498.D
 Acq On : 10 Mar 2017 1:47
 Operator : SJ/MA
 Sample : I2156-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-BLEND008-1

Quant Time: Mar 10 04:24:08 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

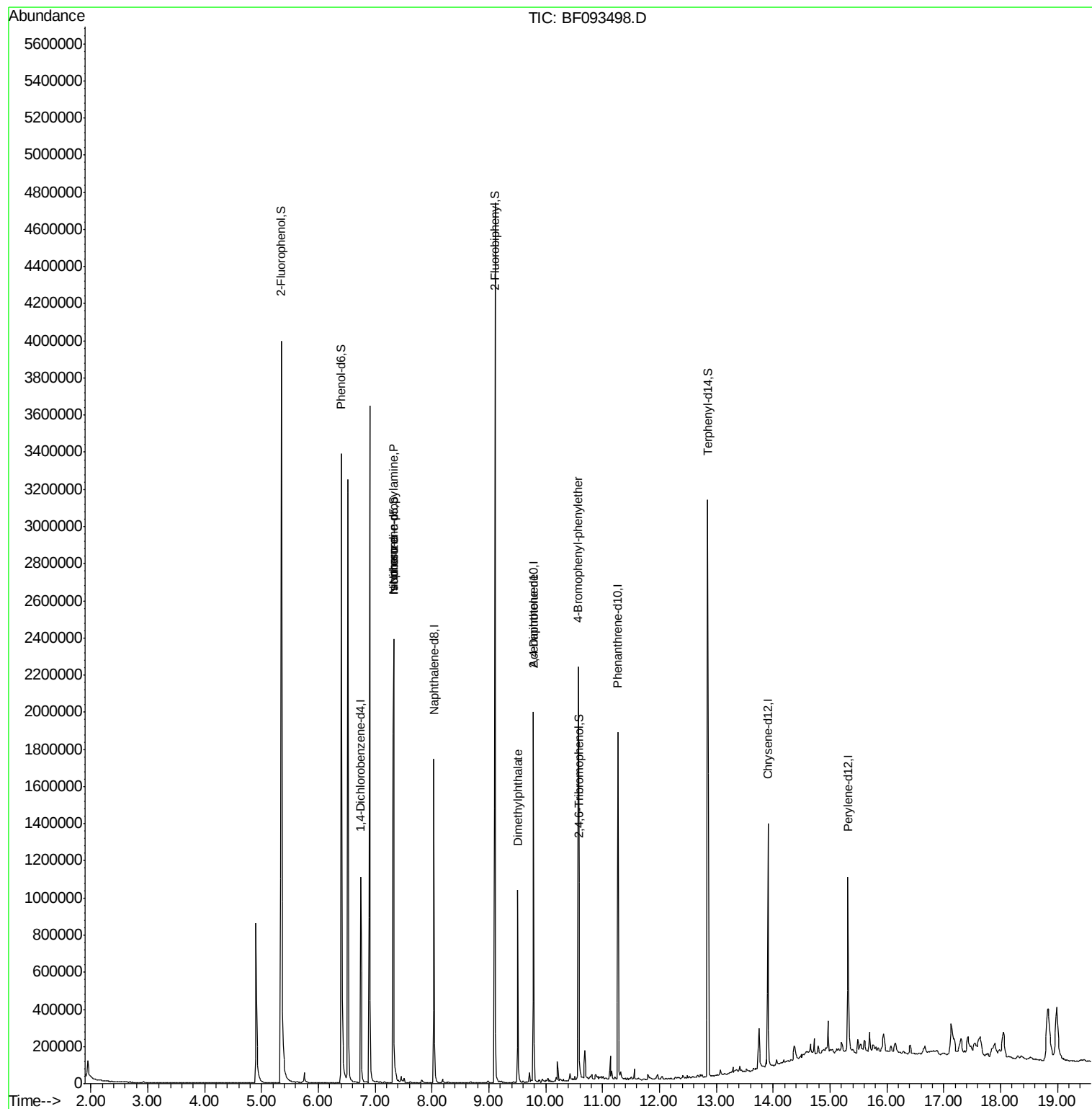
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	203061	20.00	ng	-0.02
21) Naphthalene-d8	8.04	136	794303	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	382606	20.00	ng	-0.02
63) Phenanthrene-d10	11.27	188	680394	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	477693	20.00	ng	-0.01
86) Perylene-d12	15.32	264	392130	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1332640	109.23	ng	0.00
7) Phenol-d6	6.40	99	1696330	110.25	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1107734	77.38	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	286499	114.93	ng	-0.01
44) 2-Fluorobiphenyl	9.11	172	1493122	72.59	ng	-0.02
78) Terphenyl-d14	12.85	244	1133453	61.69	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.40	77	2651	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.33	70	147096	13.91	ng	# 77
25) Isophorone	7.33	82	1099845	38.10	ng	# 65
49) Dimethylphthalate	9.51	163	405777	16.00	ng	100
56) 2,4-Dinitrotoluene	9.78	165	49008	7.17	ng	# 20
66) 4-Bromophenyl-phenylether	10.57	248	20938	2.91	ng	# 1

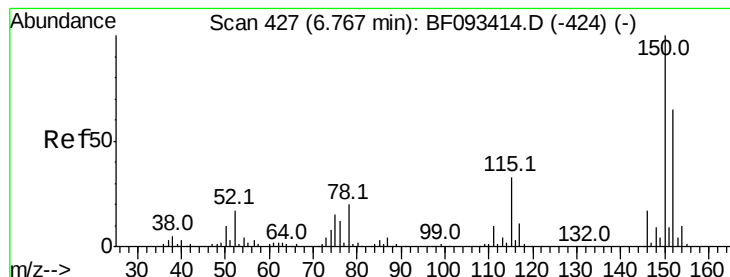
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF093498.D

Acq: 10 Mar 2017 1:47

Instrument :

BNA_F

ClientSampleId :

EME-BLEND008-1

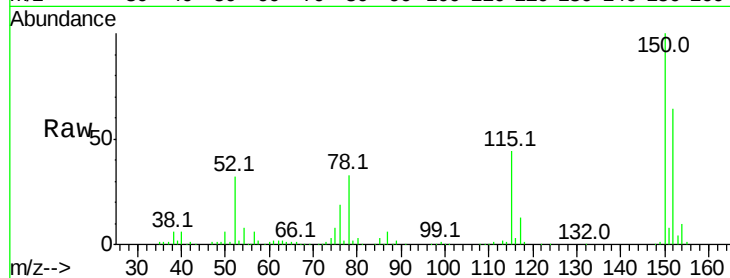
Tot Ion:152 Resp: 203061

Ion Ratio Lower Upper

152 100

150 157.0 124.9 187.3

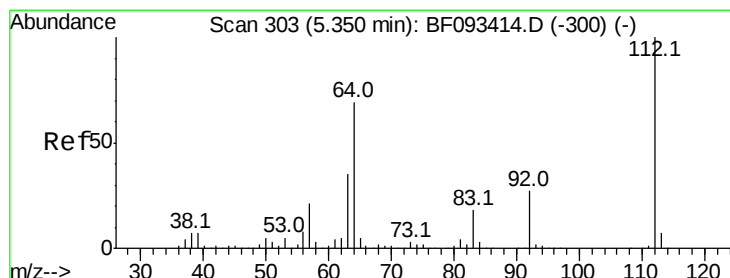
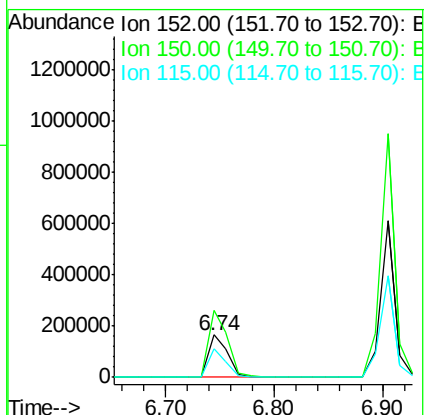
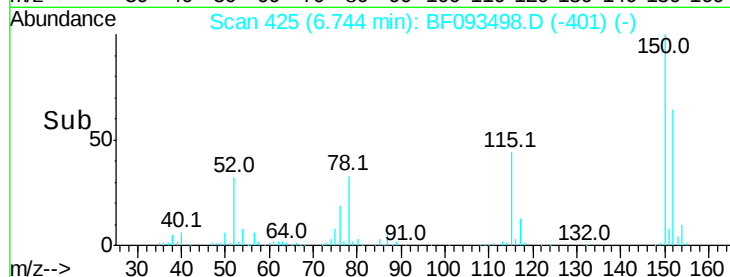
115 68.8 46.0 69.0



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: 109.23 ng

RT: 5.35 min Scan# 303

Delta R.T. -0.00 min

Lab File: BF093498.D

Acq: 10 Mar 2017 1:47

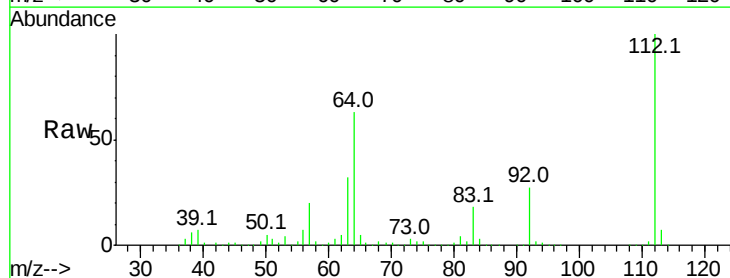
Tgt Ion:112 Resp: 1332640

Ion Ratio Lower Upper

112 100

64 62.9 46.1 69.1

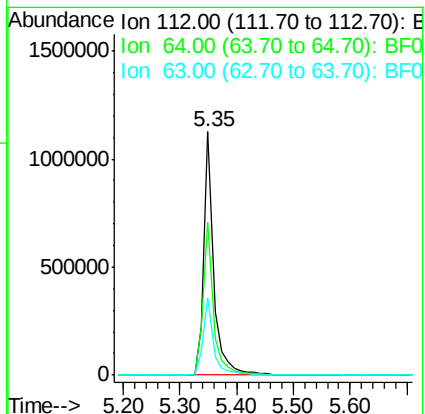
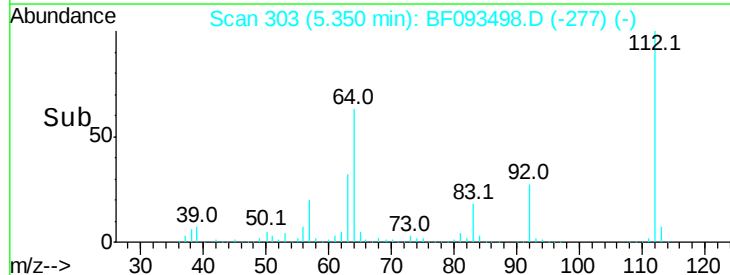
63 31.7 23.8 35.6

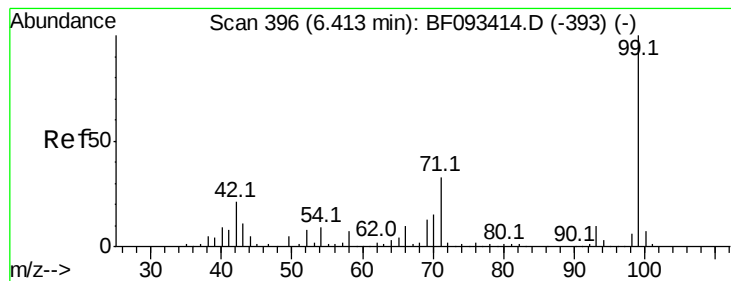


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 110.25 ng

RT: 6.40 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF093498.D

Acq: 10 Mar 2017 1:47

Instrument :

BNA_F

ClientSampleId :

EME-BLEND008-1

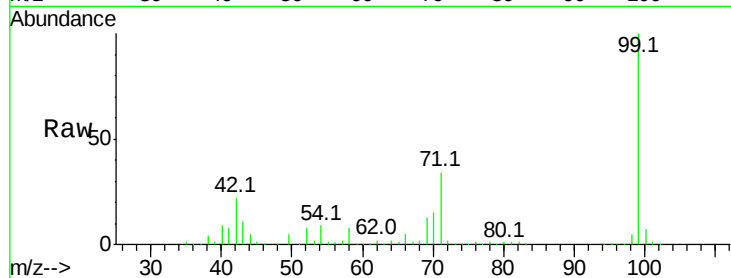
Tot Ion: 99 Resp: 1696330

Ion Ratio Lower Upper

99 100

42 22.2 15.6 23.4

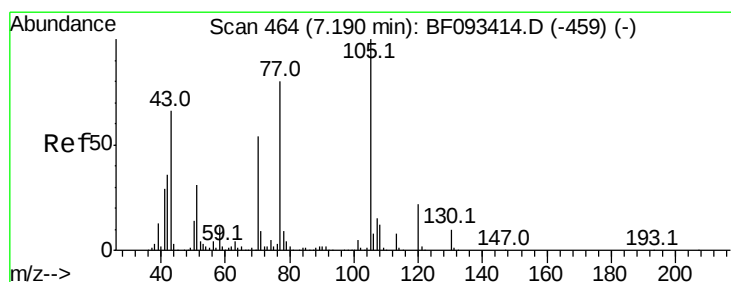
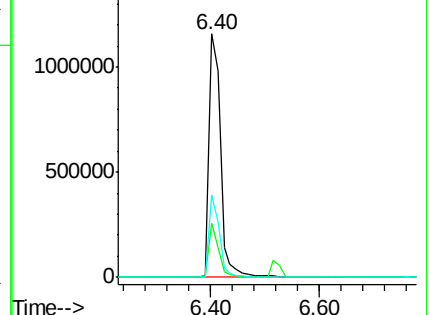
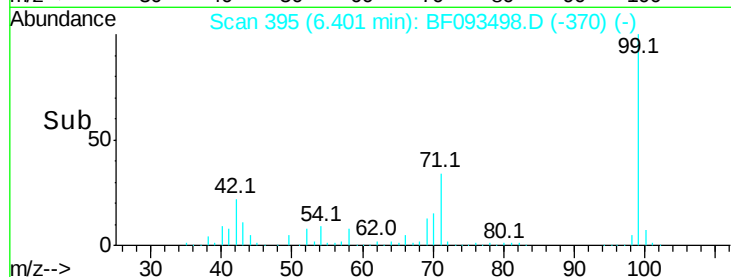
71 34.0 27.5 41.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.91 ng

RT: 7.33 min Scan# 476

Delta R.T. 0.14 min

Lab File: BF093498.D

Acq: 10 Mar 2017 1:47

Tgt Ion: 70 Resp: 147096

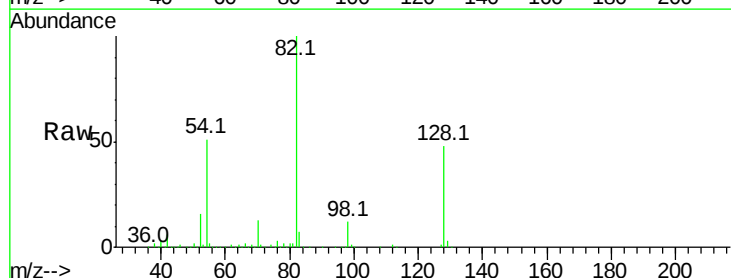
Ion Ratio Lower Upper

70 100

42 46.6 49.4 74.0#

101 0.0 7.4 11.2#

130 2.5 14.2 21.4#

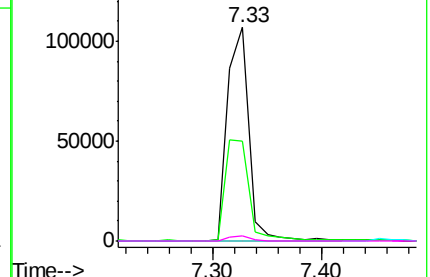
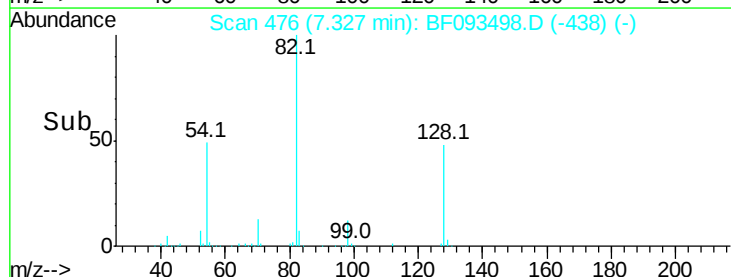


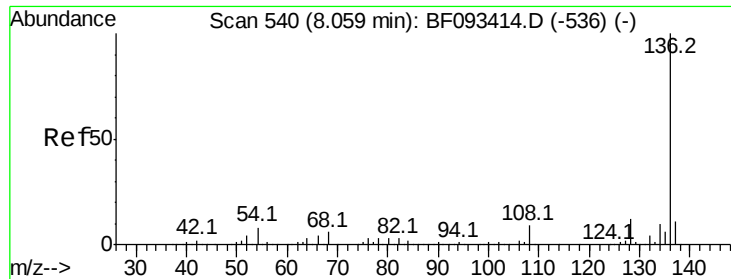
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

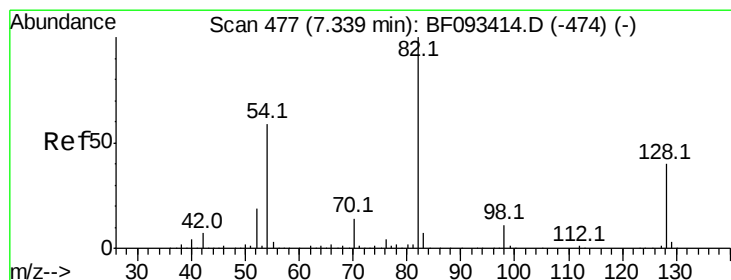
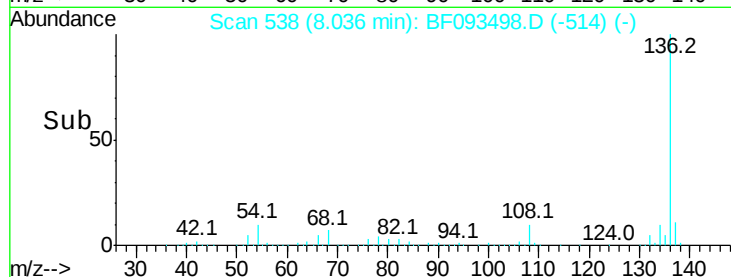
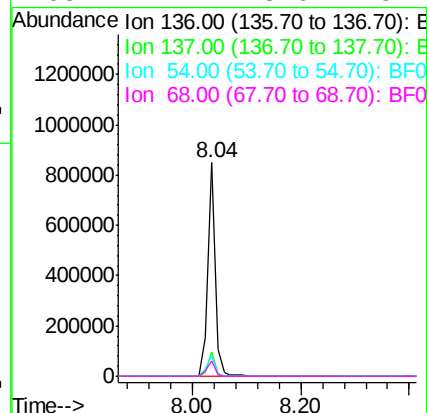
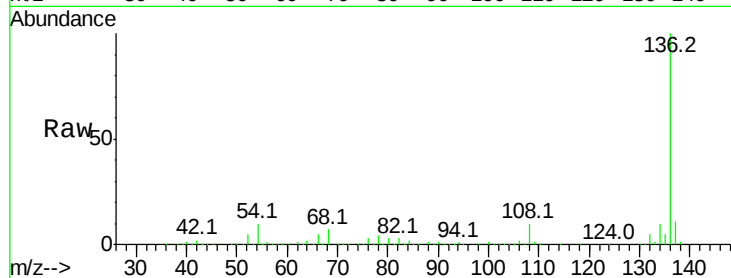




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF093498.D
Acq: 10 Mar 2017 1:47

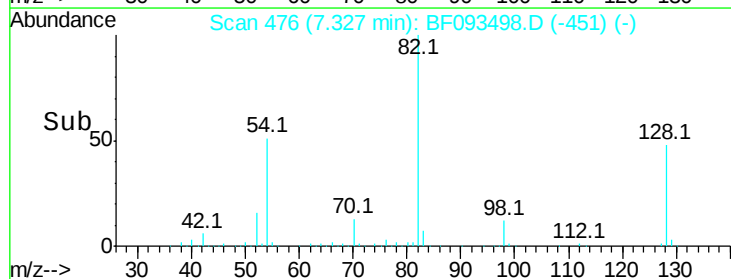
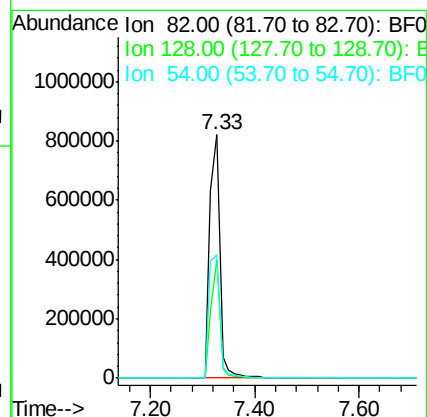
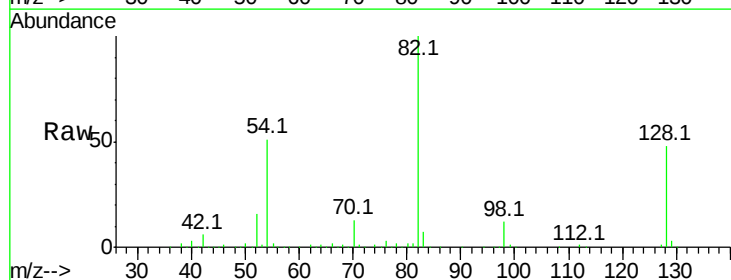
Instrument :
BNA_F
ClientSampleId :
EME-BLEND008-1

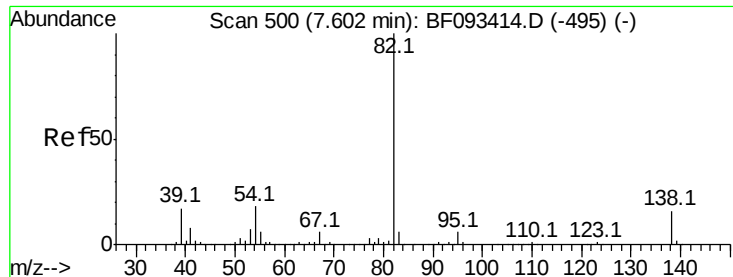
Tot Ion:	136	Resp:	794303
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	9.7	4.5	6.7#
68	7.2	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 77.38 ng
RT: 7.33 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF093498.D
Acq: 10 Mar 2017 1:47

Tgt Ion:	82	Resp:	1107734
Ion	Ratio	Lower	Upper
82	100		
128	48.4	34.6	52.0
54	50.9	39.5	59.3





#25

Isophorone

Concen: 38.10 ng

RT: 7.33 min Scan# 476

Delta R.T. -0.27 min

Lab File: BF093498.D

Acq: 10 Mar 2017 1:47

Instrument :

BNA_F

ClientSampleId :

EME-BLEND008-1

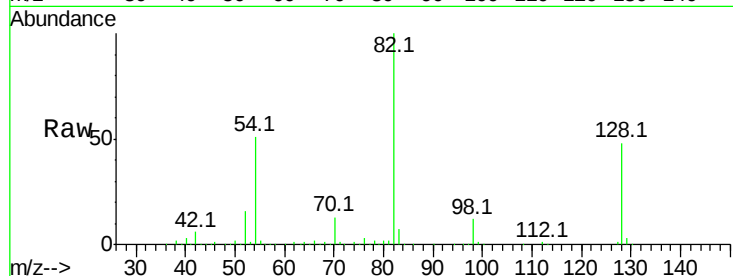
Tot Ion: 82 Resp: 1099845

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

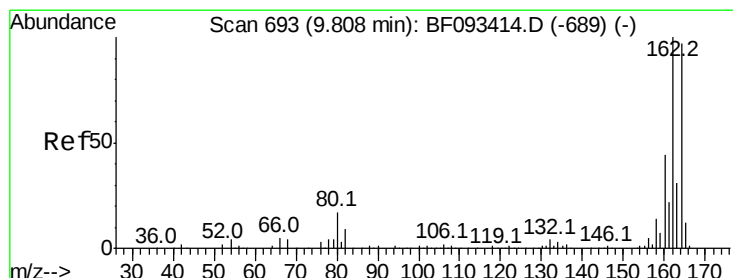
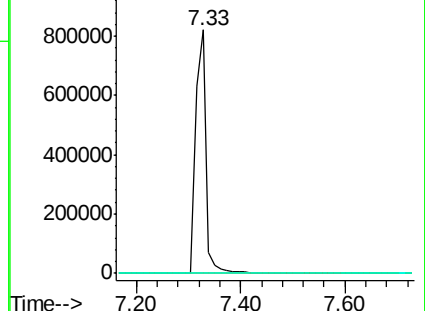
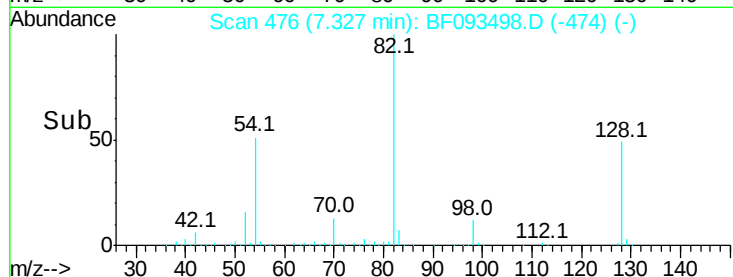
138 0.0 14.6 22.0#



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: BF093498.D

Acq: 10 Mar 2017 1:47

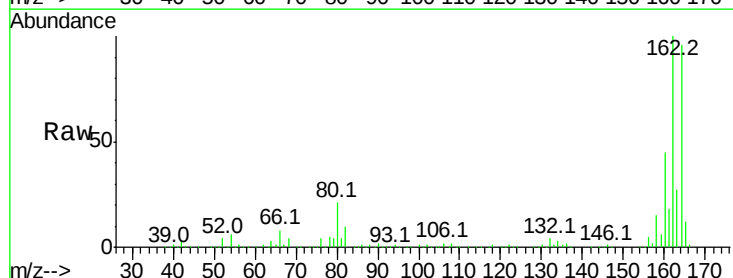
Tgt Ion: 164 Resp: 382606

Ion Ratio Lower Upper

164 100

162 103.6 80.2 120.2

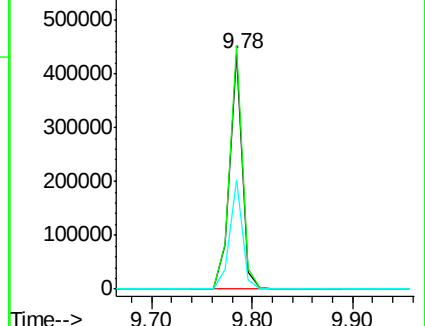
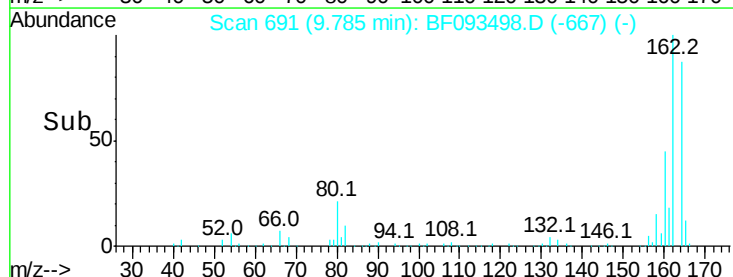
160 46.3 36.9 55.3

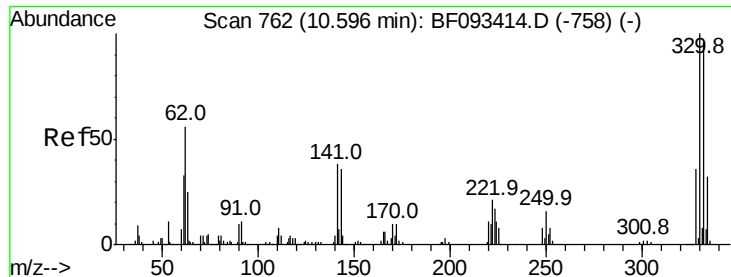


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

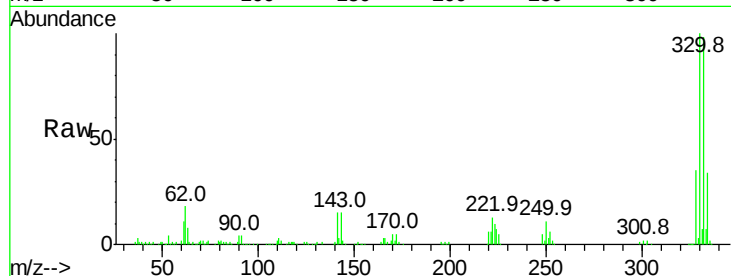




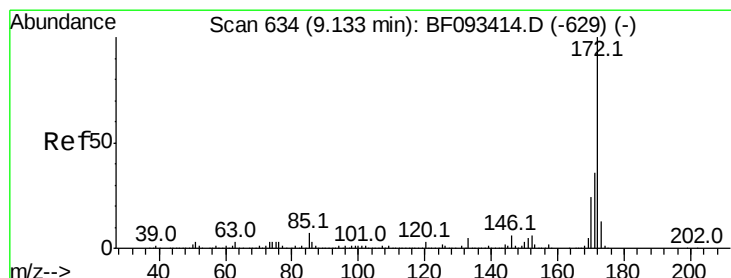
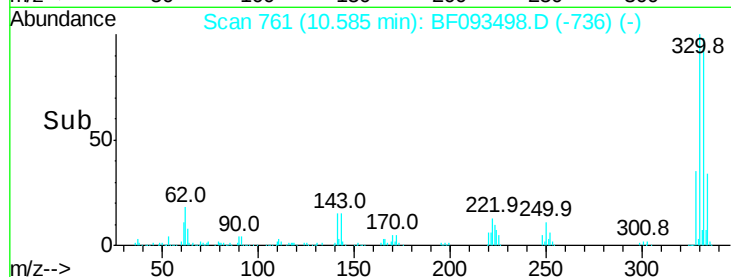
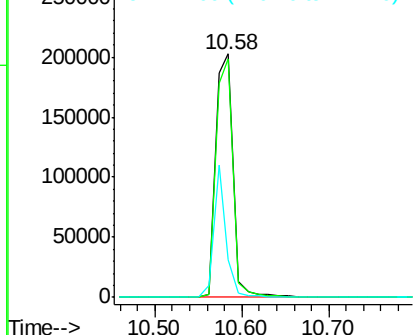
#41
 2,4,6-Tribromophenol
 Concen: 114.93 ng
 RT: 10.58 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF093498.D
 Acq: 10 Mar 2017 1:47

Instrument :
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 ClientSampleId :
 EME-BLEND008-1

Tot Ion:330 Resp: 286499
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.4 116.2
 141 38.2 34.1 51.1

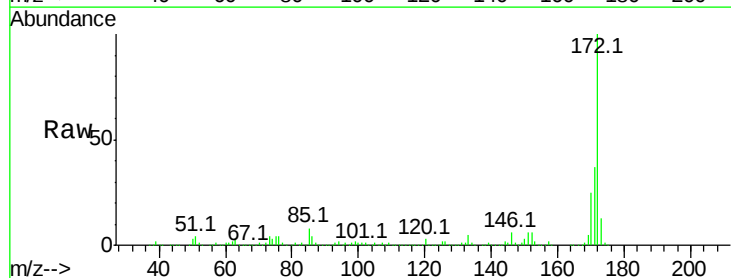


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

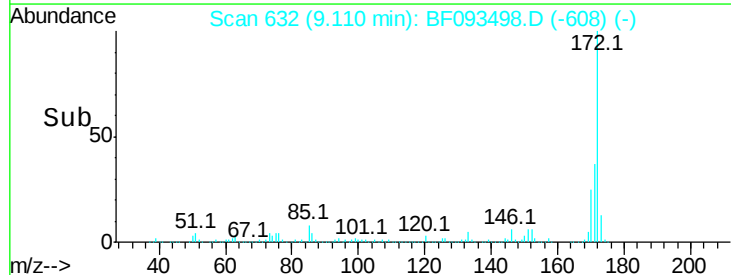
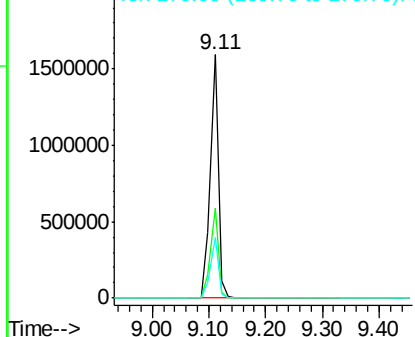


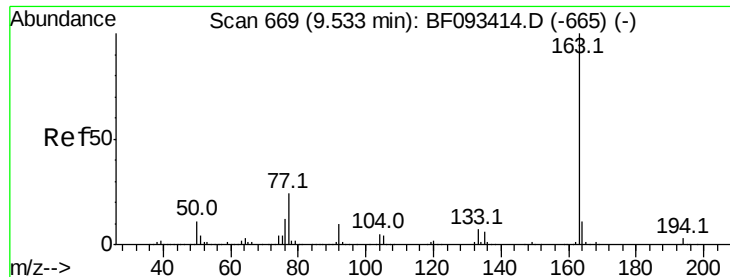
#44
 2-Fluorobiphenyl
 Concen: 72.59 ng
 RT: 9.11 min Scan# 632
 Delta R.T. -0.02 min
 Lab File: BF093498.D
 Acq: 10 Mar 2017 1:47

Tgt Ion:172 Resp: 1493122
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.0
 170 24.7 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: 16.00 ng

RT: 9.51 min Scan# 667

Delta R.T. -0.02 min

Lab File: BF093498.D

Acq: 10 Mar 2017 1:47

Instrument :

BNA_F

ClientSampleId :

EME-BLEND008-1

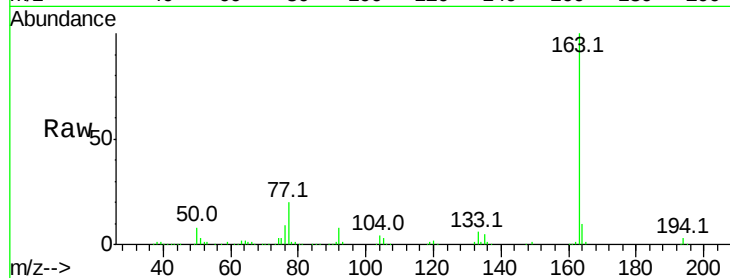
Tot Ion:163 Resp: 405777

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

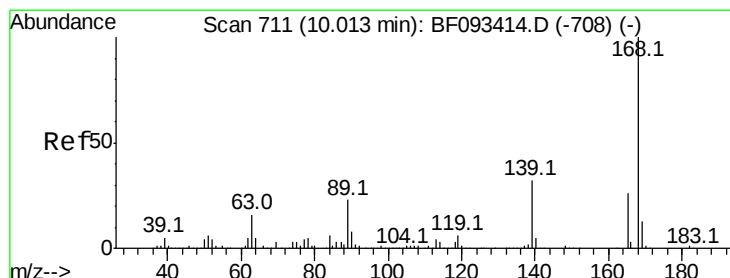
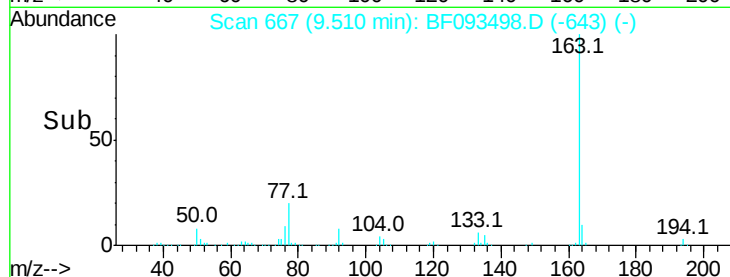
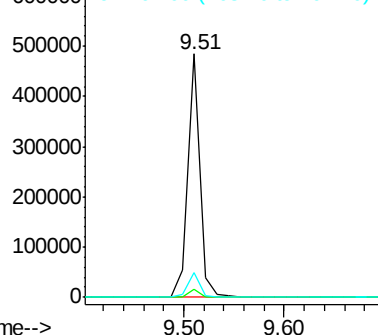
164 10.1 8.0 12.0



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: 7.17 ng

RT: 9.78 min Scan# 691

Delta R.T. -0.23 min

Lab File: BF093498.D

Acq: 10 Mar 2017 1:47

Tgt Ion:165 Resp: 49008

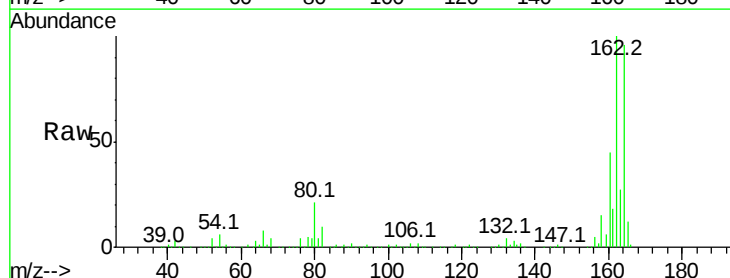
Ion Ratio Lower Upper

165 100

63 1.2 40.2 60.4#

89 1.5 62.5 93.7#

182 0.0 1.8 2.8#

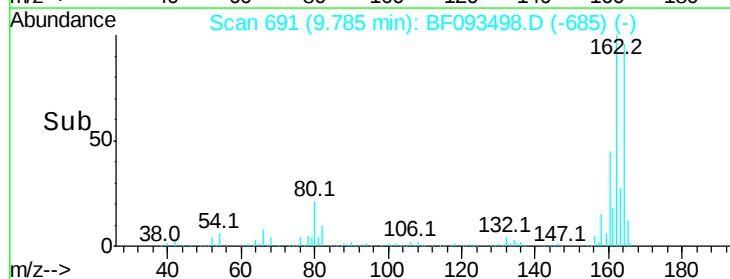
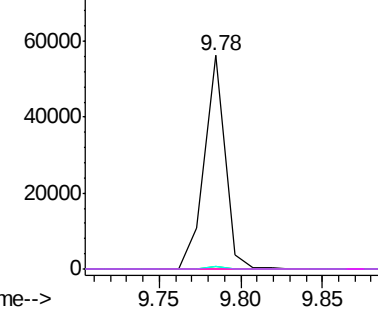


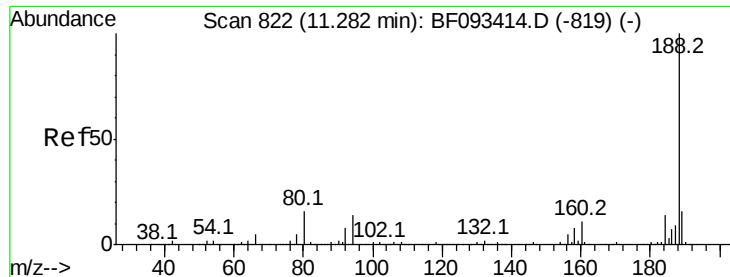
Abundance Ion 165.00 (164.70 to 165.70): E

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

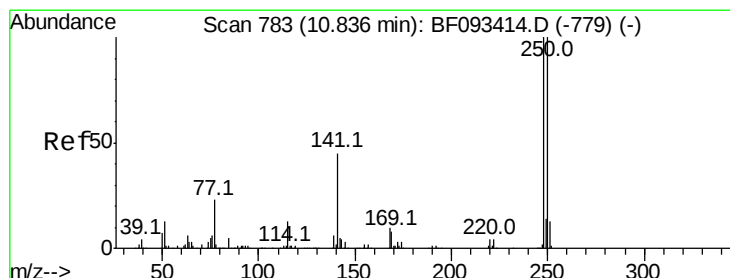
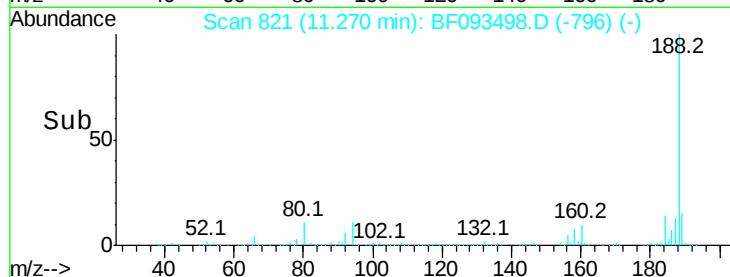
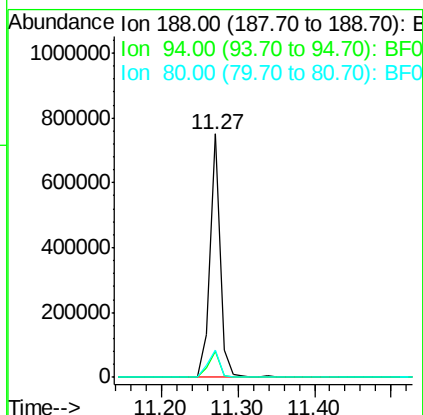
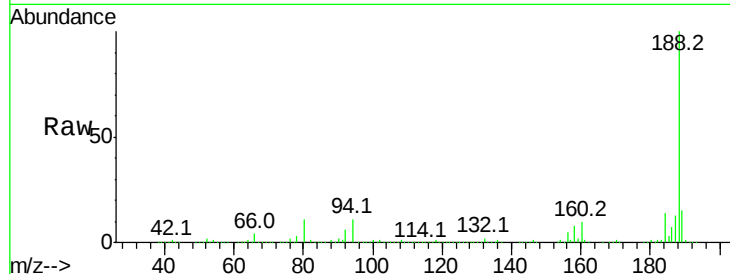




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF093498.D
Acq: 10 Mar 2017 1:47

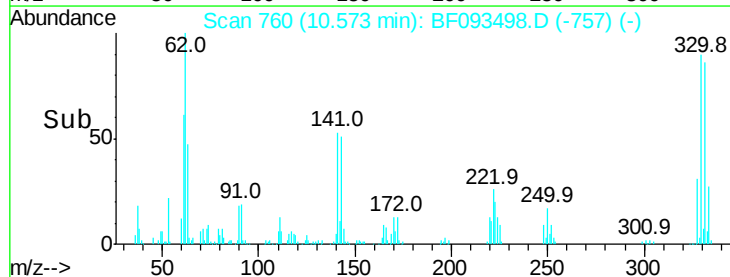
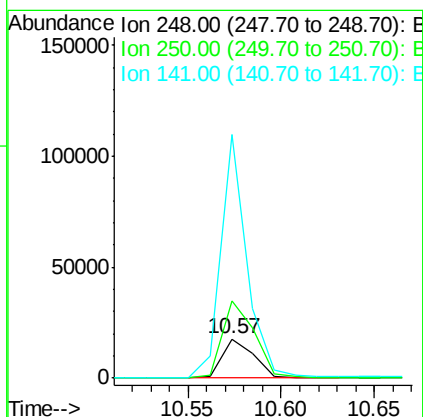
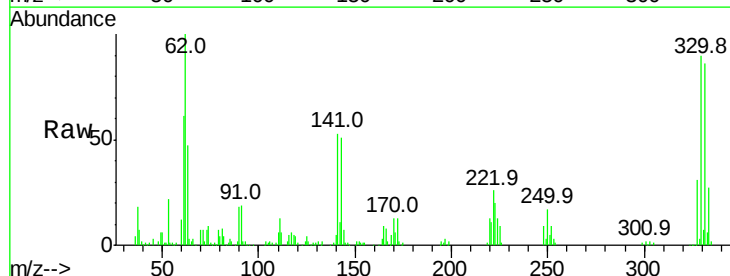
Instrument :
BNA_F
ClientSampleId :
EME-BLEND008-1

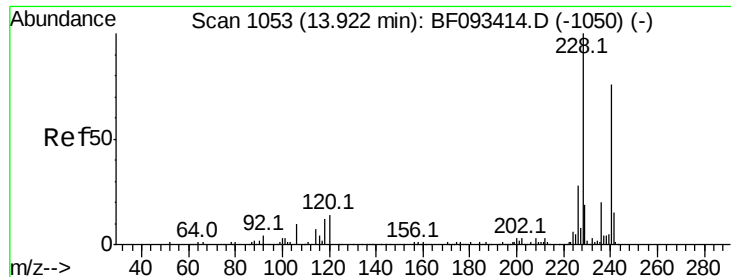
Tot Ion:188 Resp: 680394
Ion Ratio Lower Upper
188 100
94 10.9 10.0 15.0
80 11.3 11.2 16.8



#66
4-Bromophenyl-phenylether
Concen: 2.91 ng
RT: 10.57 min Scan# 760
Delta R.T. -0.26 min
Lab File: BF093498.D
Acq: 10 Mar 2017 1:47

Tgt Ion:248 Resp: 20938
Ion Ratio Lower Upper
248 100
250 198.3 76.9 115.3#
141 620.9 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: BF093498.D

Acq: 10 Mar 2017 1:47

Instrument :

BNA_F

ClientSampleId :

EME-BLEND008-1

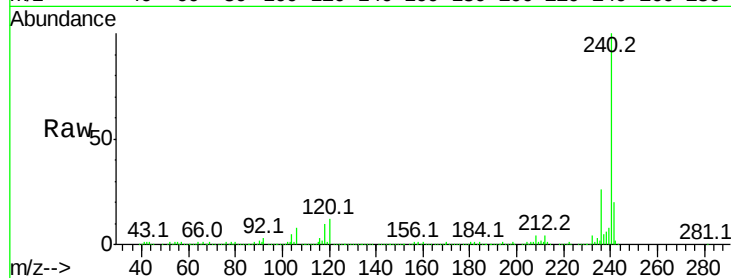
Tot Ion:240 Resp: 477693

Ion Ratio Lower Upper

240 100

120 12.1 12.9 19.3#

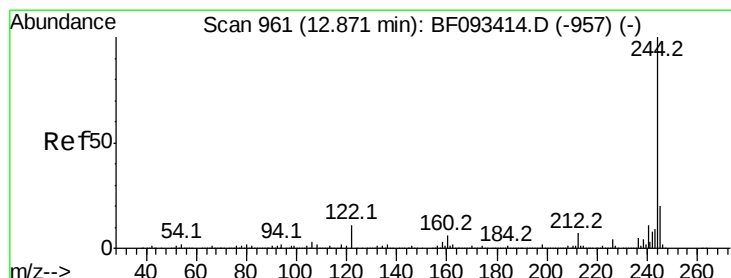
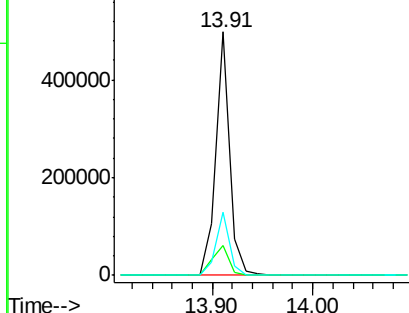
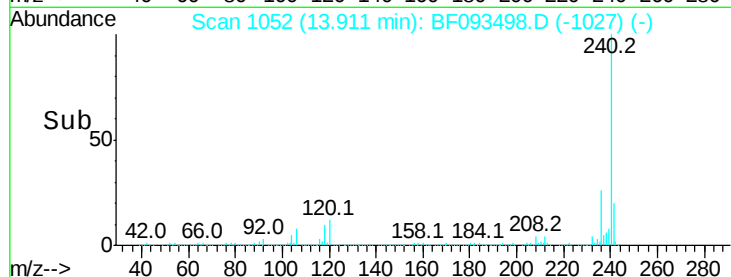
236 26.1 20.9 31.3



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: 61.69 ng

RT: 12.85 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF093498.D

Acq: 10 Mar 2017 1:47

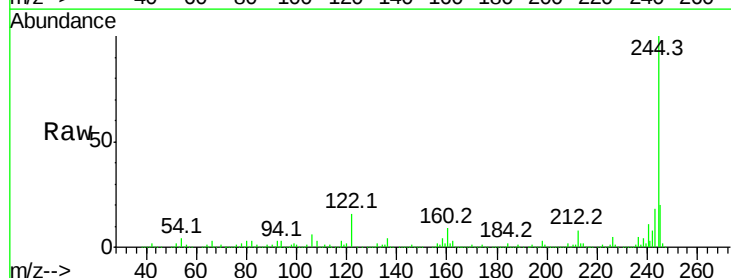
Tgt Ion:244 Resp: 1133453

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

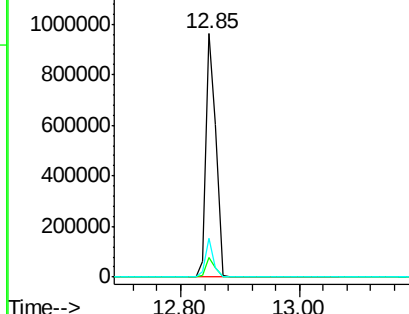
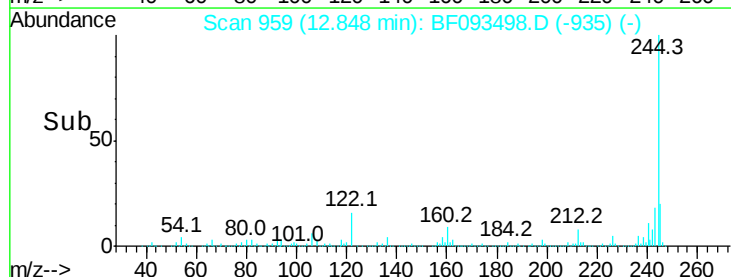
122 16.1 11.4 17.2

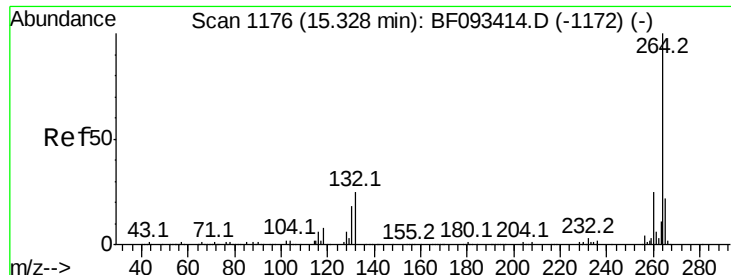


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.32 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF093498.D
Acq: 10 Mar 2017 1:47

Instrument :
BNA_F
ClientSampleId :
EME-BLEND008-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.0	17.4	26.0

