

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
 Data File : BF093499.D
 Acq On : 10 Mar 2017 2:14
 Operator : SJ/MA
 Sample : I2157-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-BLEND008-01

Quant Time: Mar 10 05:11:27 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

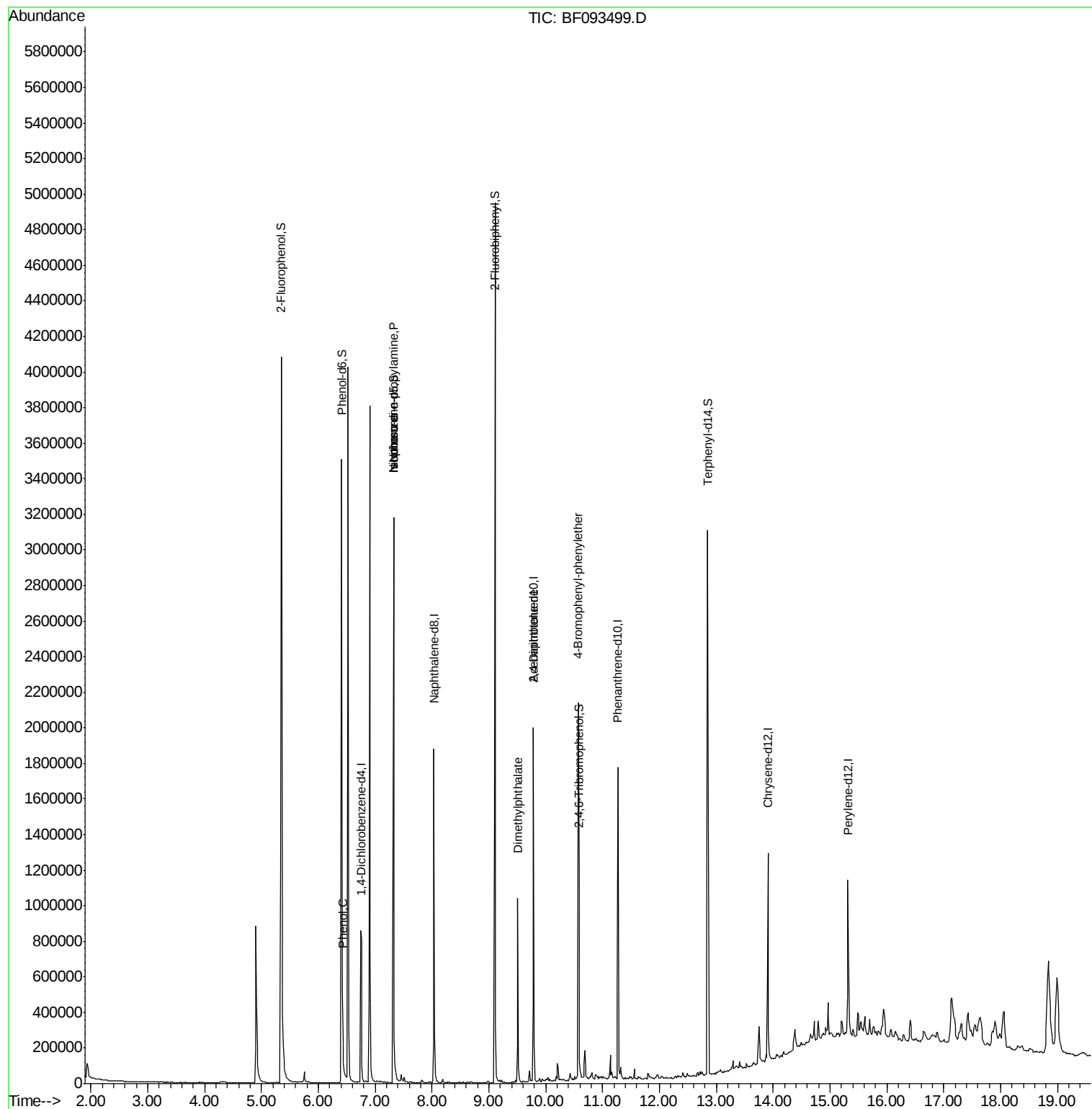
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	193679	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	799574	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	381803	20.00	ng	-0.02
63) Phenanthrene-d10	11.27	188	643843	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	434187	20.00	ng	-0.01
86) Perylene-d12	15.32	264	384578	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1365358	117.33	ng	0.00
7) Phenol-d6	6.41	99	1859136	126.69	ng	0.00
23) Nitrobenzene-d5	7.33	82	1181879	82.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	289904	116.54	ng	-0.01
44) 2-Fluorobiphenyl	9.11	172	1544430	75.24	ng	-0.02
78) Terphenyl-d14	12.85	244	1078283	64.57	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.41	77	3500	Below Cal	#	1
10) Phenol	6.42	94	36797	2.05	ng	87
19) n-Nitroso-di-n-propylamine	7.33	70	160728	15.93	ng	# 78
25) Isophorone	7.33	82	1176412	40.48	ng	# 65
49) Dimethylphthalate	9.51	163	413753	16.35	ng	100
56) 2,4-Dinitrotoluene	9.78	165	48181	7.06	ng	# 20
66) 4-Bromophenyl-phenylether	10.57	248	21008	3.09	ng	# 1

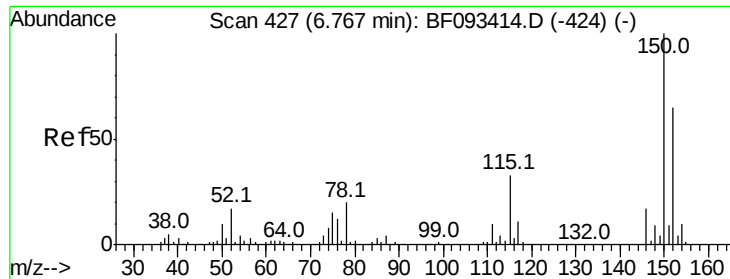
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 426

Delta R.T. -0.01 min

Lab File: BF093499.D

Acq: 10 Mar 2017 2:14

Instrument :

BNA_F

ClientSampleId :

EME-BLEND008-01

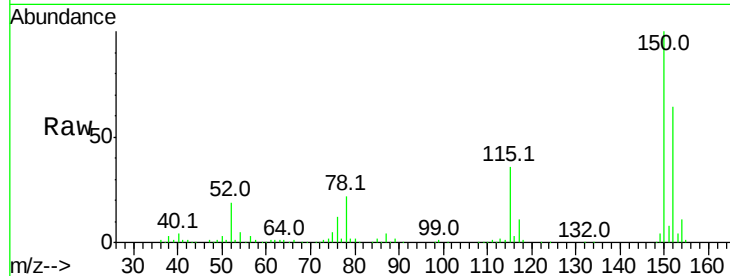
Tot Ion:152 Resp: 193679

Ion Ratio Lower Upper

152 100

150 155.2 124.9 187.3

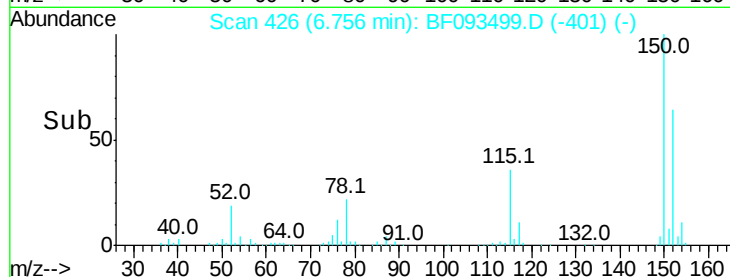
115 55.4 46.0 69.0



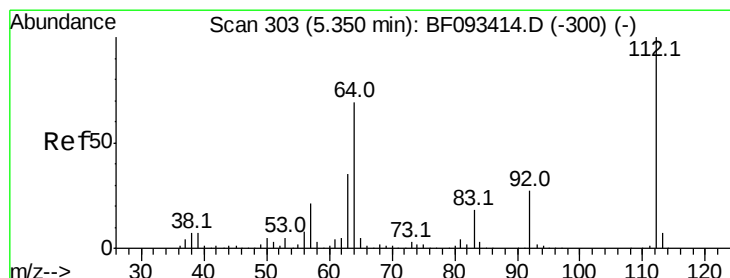
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#5

2-Fluorophenol

Concen: 117.33 ng

RT: 5.35 min Scan# 303

Delta R.T. -0.00 min

Lab File: BF093499.D

Acq: 10 Mar 2017 2:14

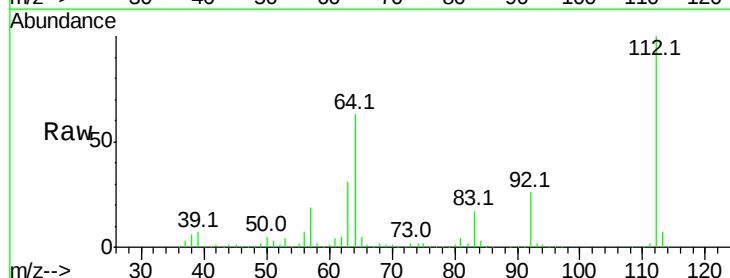
Tgt Ion:112 Resp: 1365358

Ion Ratio Lower Upper

112 100

64 62.5 46.1 69.1

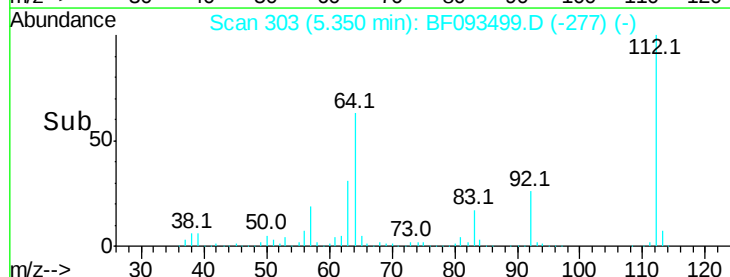
63 31.4 23.8 35.6



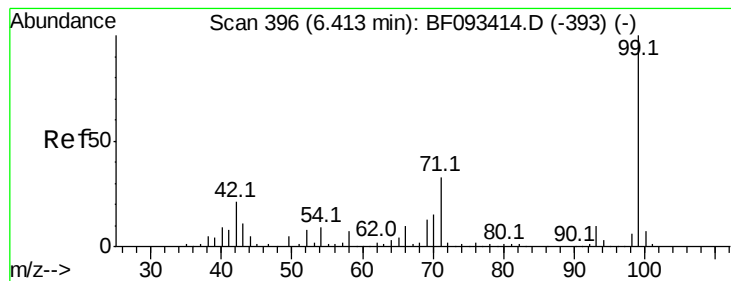
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



Time-->



#7

Phenol-d6

Concen: 126.69 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF093499.D

Acq: 10 Mar 2017 2:14

Instrument :

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ClientSampleId :

EME-BLEND008-01

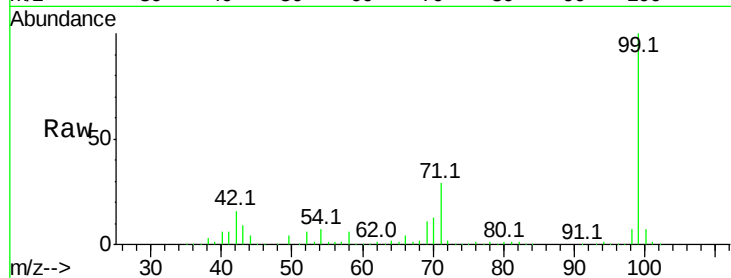
Tot Ion: 99 Resp: 1859136

Ion Ratio Lower Upper

99 100

42 16.2 15.6 23.4

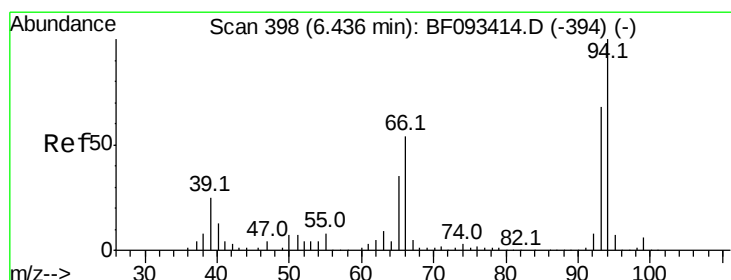
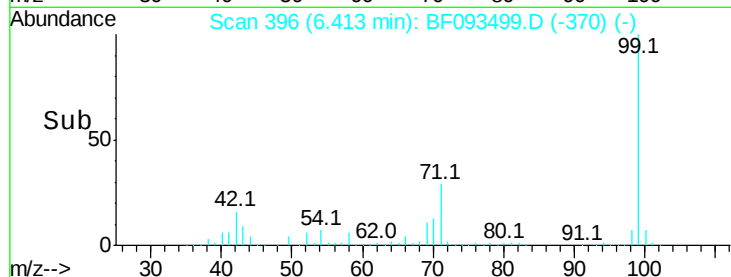
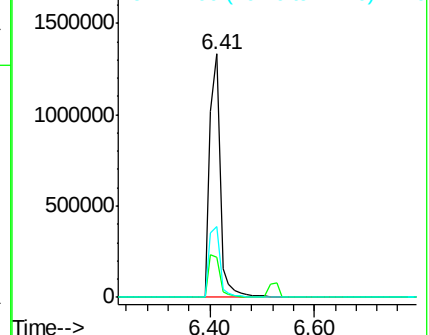
71 29.3 27.5 41.3



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



#10

Phenol

Concen: 2.05 ng

RT: 6.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF093499.D

Acq: 10 Mar 2017 2:14

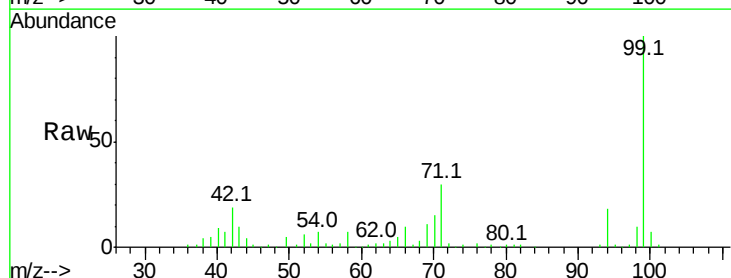
Tgt Ion: 94 Resp: 36797

Ion Ratio Lower Upper

94 100

65 30.6 21.4 61.4

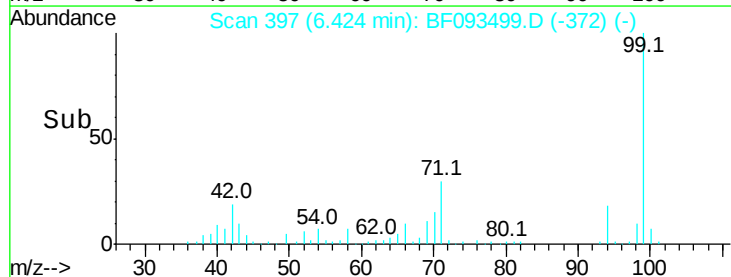
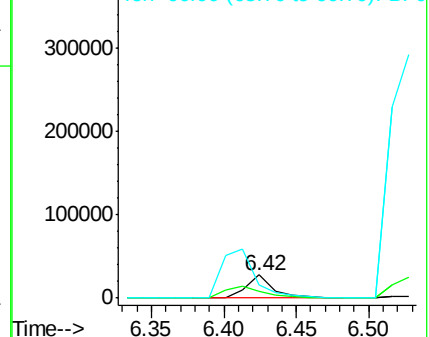
66 56.0 44.0 84.0

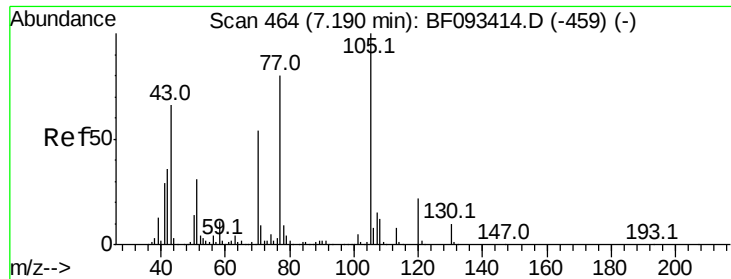


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

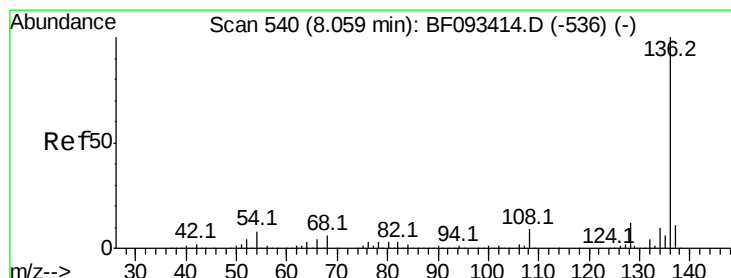
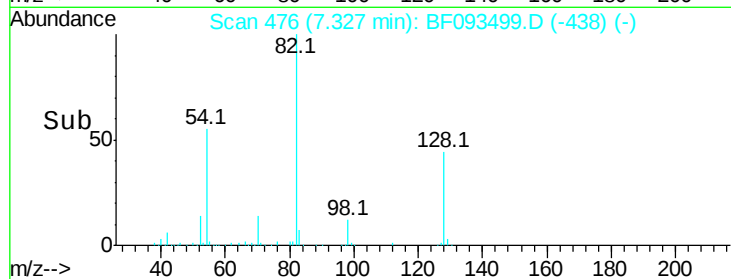
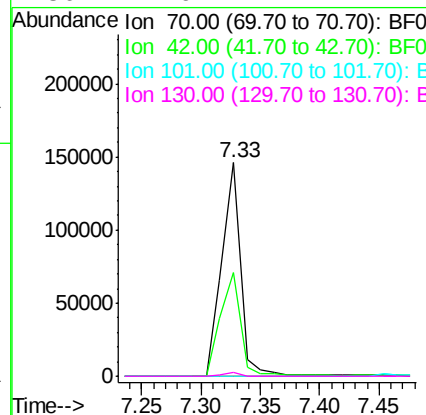
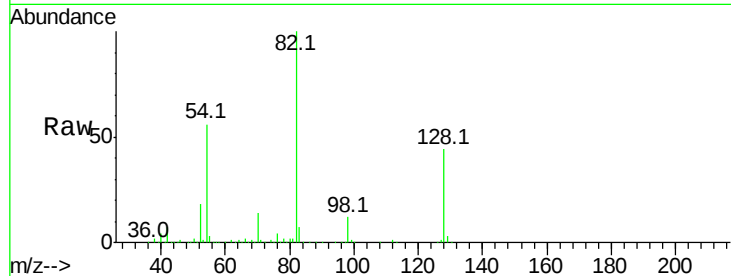




#19
n-Nitroso-di-n-propylamine
Concen: 15.93 ng
RT: 7.33 min Scan# 476
Delta R.T. 0.14 min
Lab File: BF093499.D
Acq: 10 Mar 2017 2:14

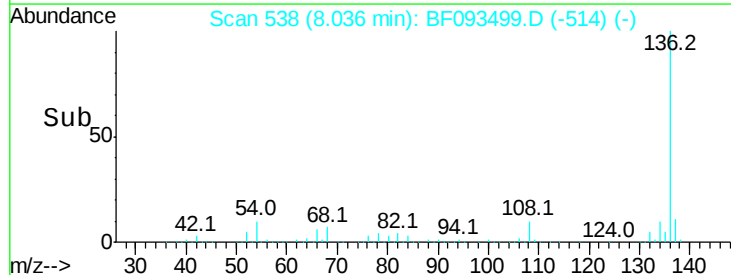
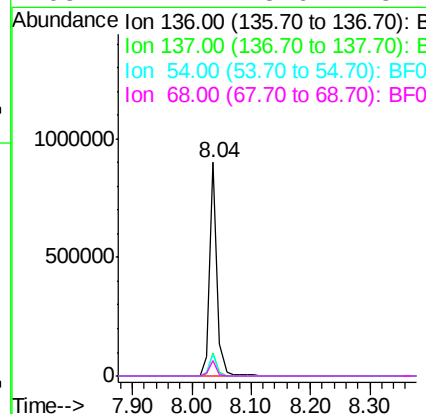
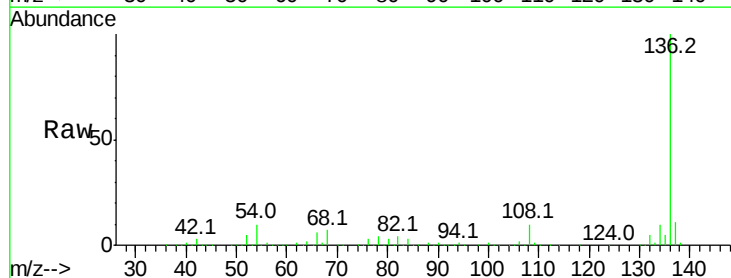
Instrument :
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EME-BLEND008-01

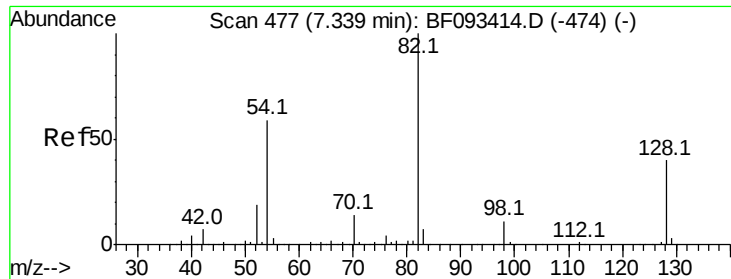
Tot Ion: 70 Resp: 160728
Ion Ratio Lower Upper
70 100
42 48.7 49.4 74.0#
101 0.0 7.4 11.2#
130 1.9 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF093499.D
Acq: 10 Mar 2017 2:14

Tgt Ion:136 Resp: 799574
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 10.3 4.5 6.7#
68 7.4 3.6 5.4#

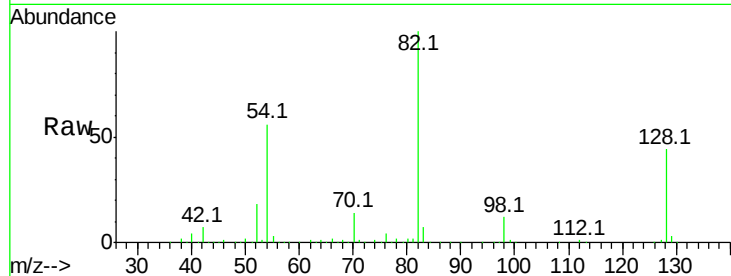




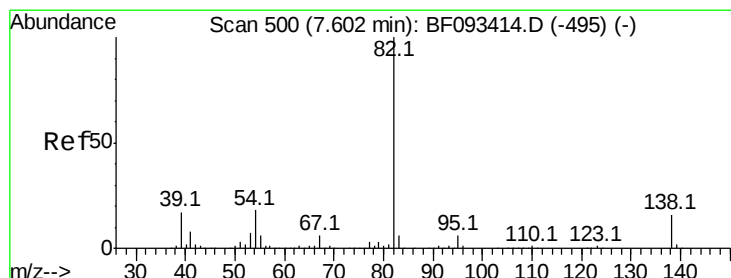
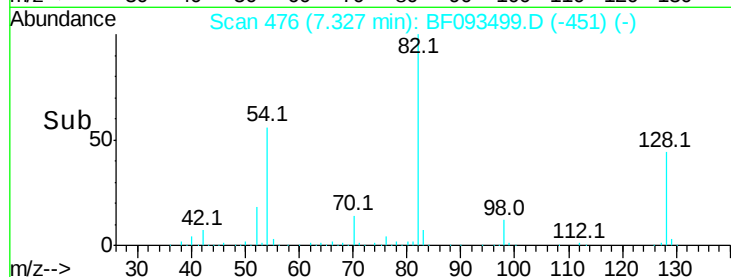
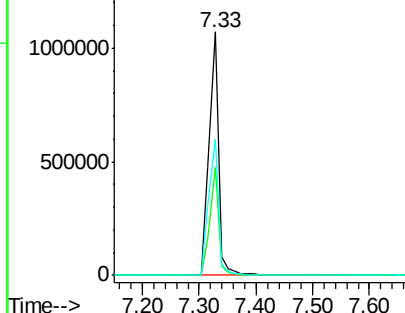
#23
Nitrobenzene-d5
Concen: 82.01 ng
RT: 7.33 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF093499.D
Acq: 10 Mar 2017 2:14

Instrument :
BNA_F
ClientSampleId :
EME-BLEND008-01

Tot Ion: 82 Resp: 1181879
Ion Ratio Lower Upper
82 100
128 44.3 34.6 52.0
54 56.1 39.5 59.3

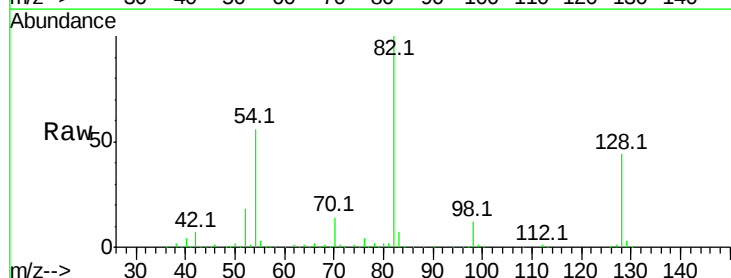


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

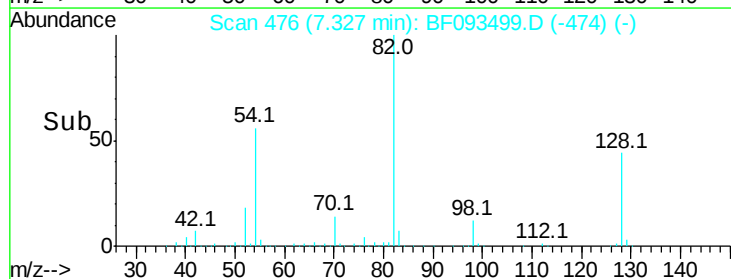
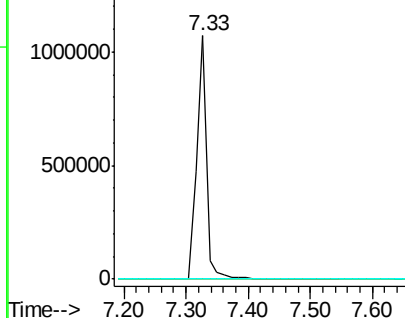


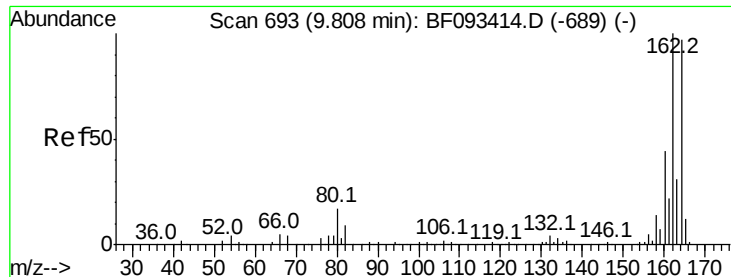
#25
Isophorone
Concen: 40.48 ng
RT: 7.33 min Scan# 476
Delta R.T. -0.27 min
Lab File: BF093499.D
Acq: 10 Mar 2017 2:14

Tgt Ion: 82 Resp: 1176412
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

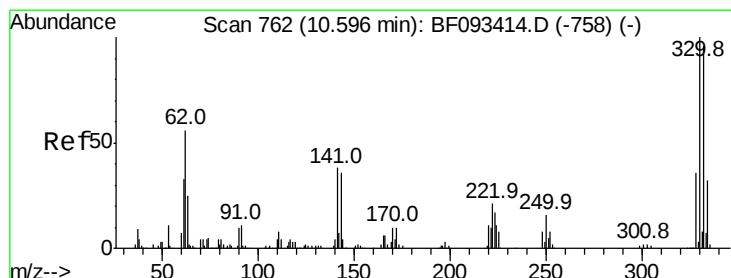
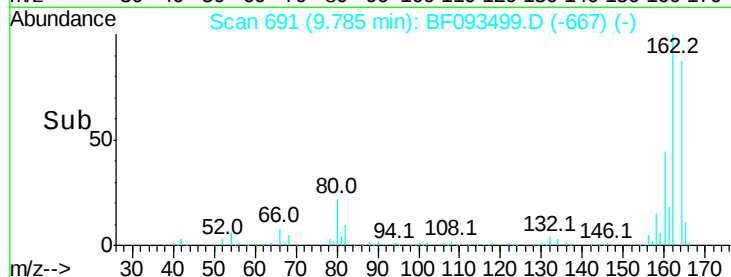
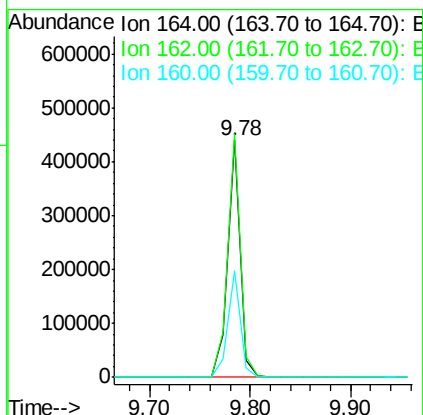
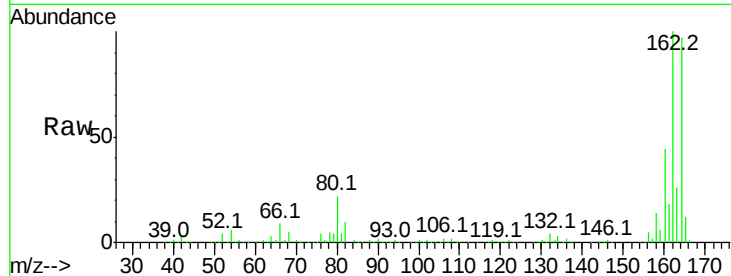




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 691
 Delta R.T. -0.02 min
 Lab File: BF093499.D
 Acq: 10 Mar 2017 2:14

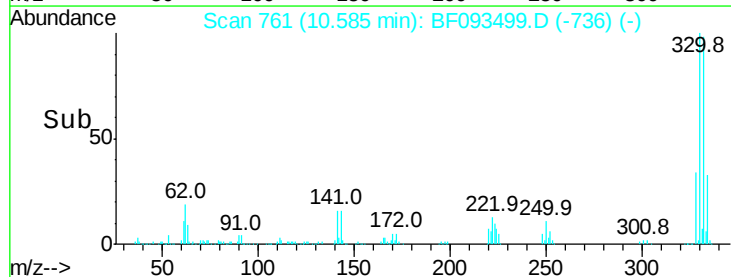
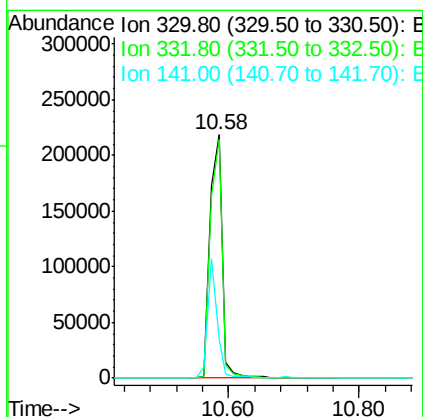
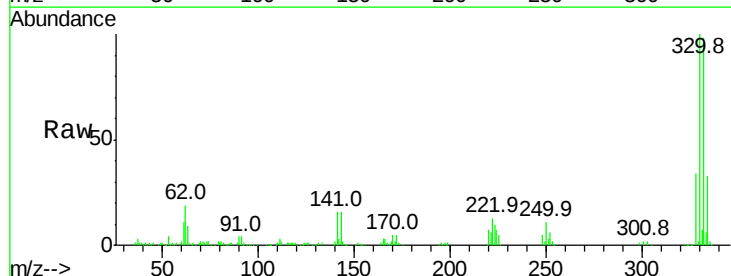
Instrument :
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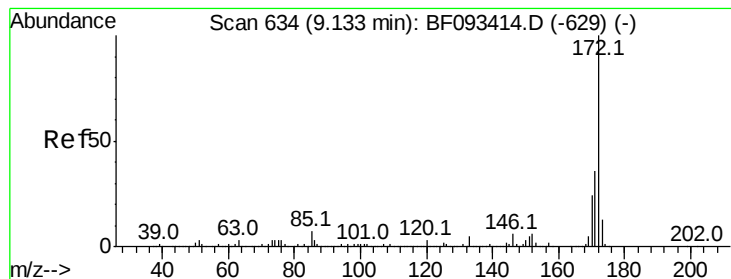
Tot Ion:164 Resp: 381803
 Ion Ratio Lower Upper
 164 100
 162 102.9 80.2 120.2
 160 44.8 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 116.54 ng
 RT: 10.58 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF093499.D
 Acq: 10 Mar 2017 2:14

Tgt Ion:330 Resp: 289904
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.4 116.2
 141 38.0 34.1 51.1





#44

2-Fluorobiphenyl

Concen: 75.24 ng

RT: 9.11 min Scan# 632

Delta R.T. -0.02 min

Lab File: BF093499.D

Acq: 10 Mar 2017 2:14

Instrument :

BNA_F

ClientSampleId :

EME-BLEND008-01

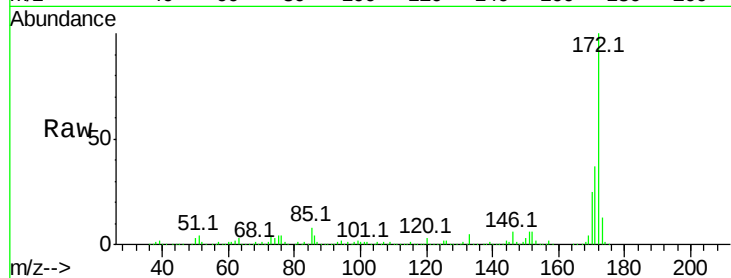
Tot Ion:172 Resp: 1544430

Ion Ratio Lower Upper

172 100

171 36.6 29.4 44.0

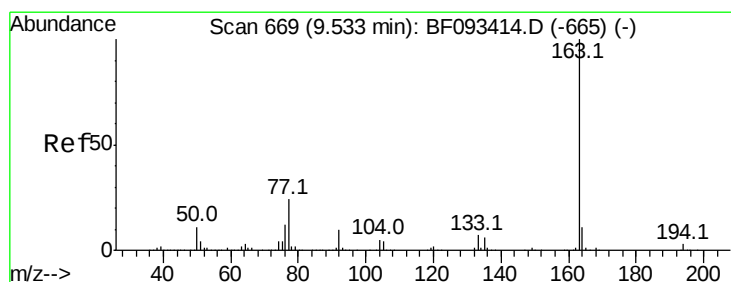
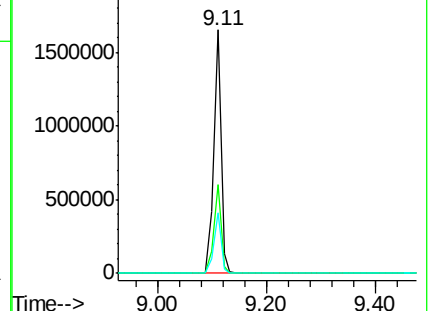
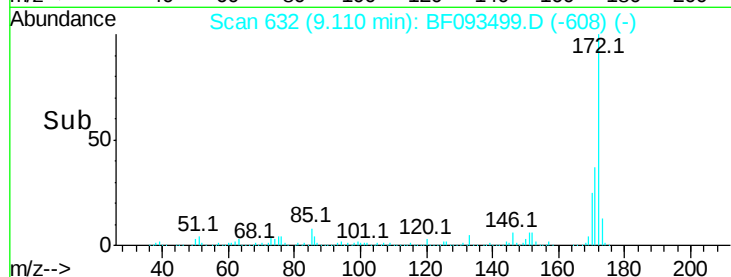
170 24.7 20.2 30.4



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: 16.35 ng

RT: 9.51 min Scan# 667

Delta R.T. -0.02 min

Lab File: BF093499.D

Acq: 10 Mar 2017 2:14

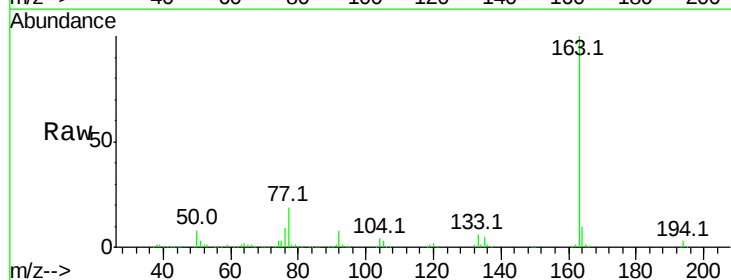
Tgt Ion:163 Resp: 413753

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

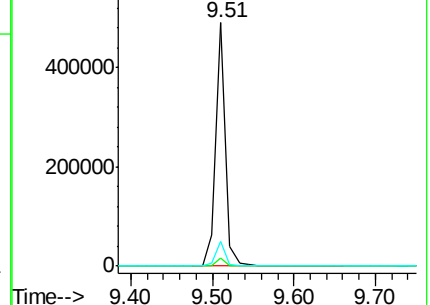
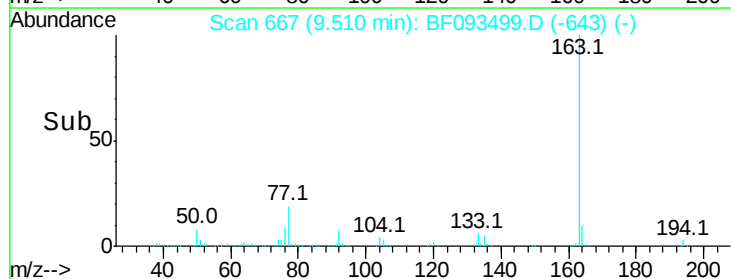
164 10.1 8.0 12.0

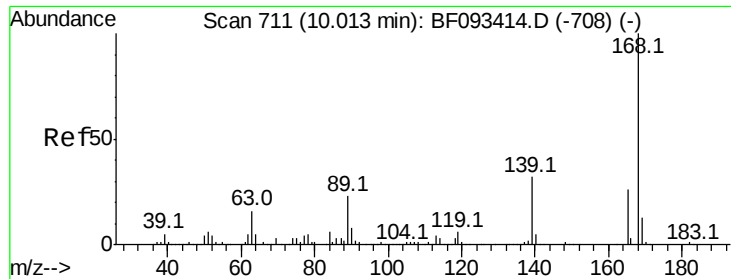


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

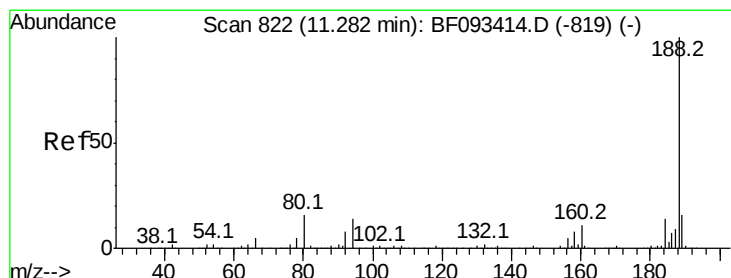
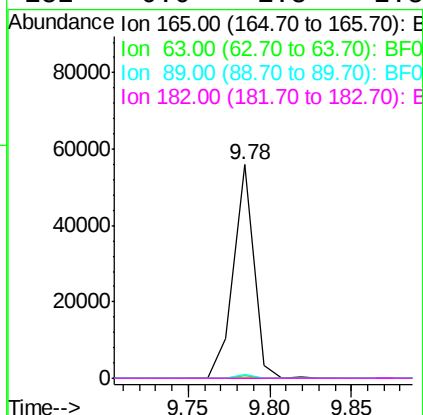
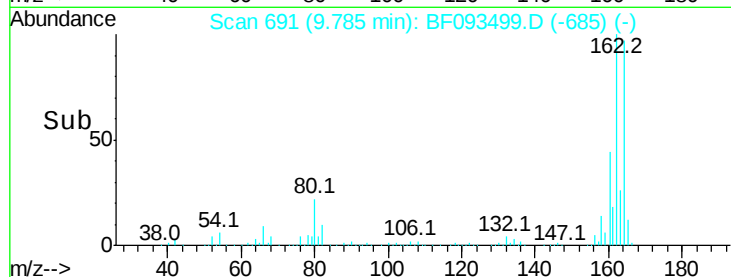
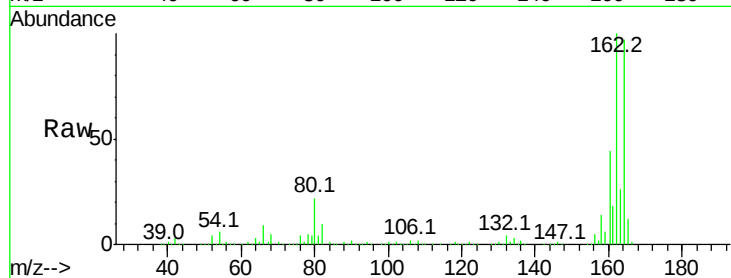




#56
2,4-Dinitrotoluene
Concen: 7.06 ng
RT: 9.78 min Scan# 691
Delta R.T. -0.23 min
Lab File: BF093499.D
Acq: 10 Mar 2017 2:14

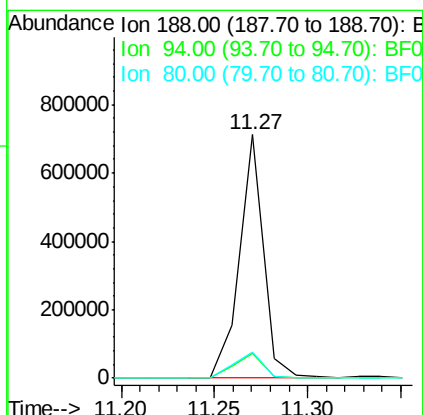
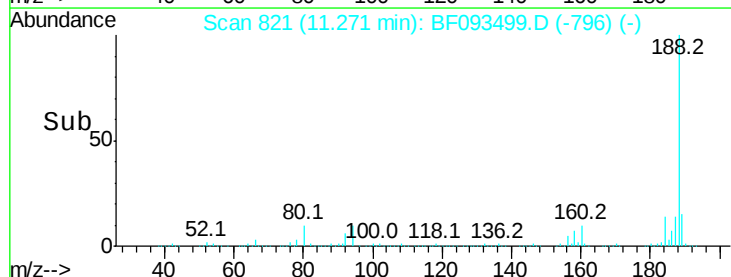
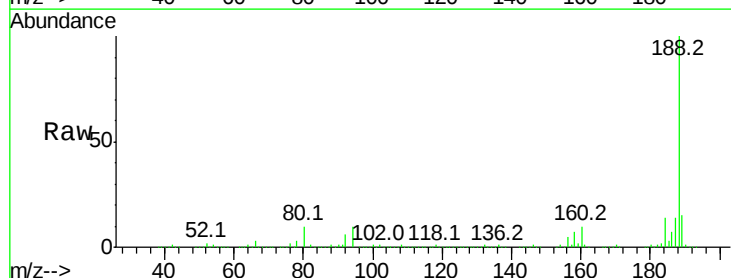
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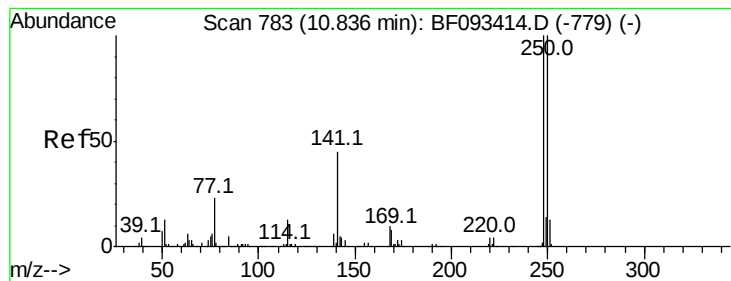
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	40.2	60.4#
89	1.6	62.5	93.7#
182	0.0	1.8	2.8#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF093499.D
Acq: 10 Mar 2017 2:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	10.0	15.0
80	10.5	11.2	16.8#





#66

4-Bromophenyl-phenylether

Concen: 3.09 ng

RT: 10.57 min Scan# 760

Delta R.T. -0.26 min

Lab File: BF093499.D

Acq: 10 Mar 2017 2:14

Instrument :

BNA_F

ClientSampleId :

EME-BLEND008-01

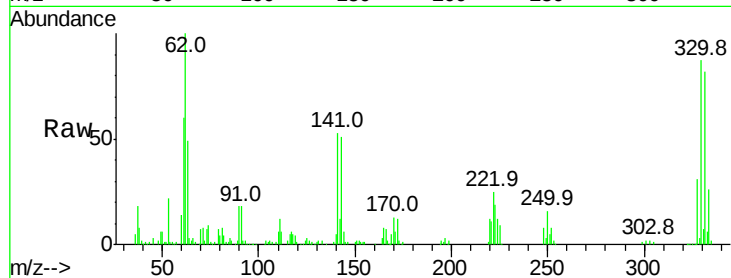
Tot Ion:248 Resp: 21008

Ion Ratio Lower Upper

248 100

250 184.1 76.9 115.3#

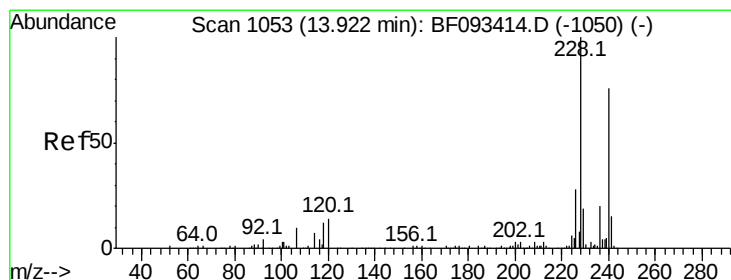
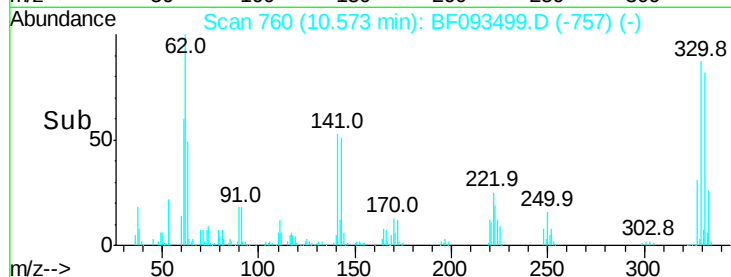
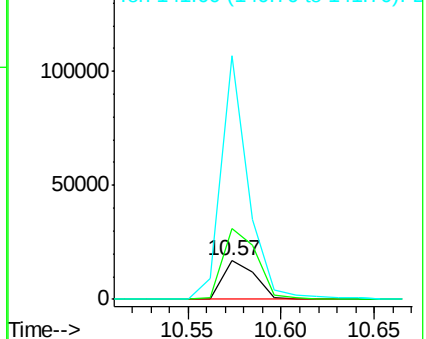
141 631.0 68.2 102.4#



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: 13.91 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF093499.D

Acq: 10 Mar 2017 2:14

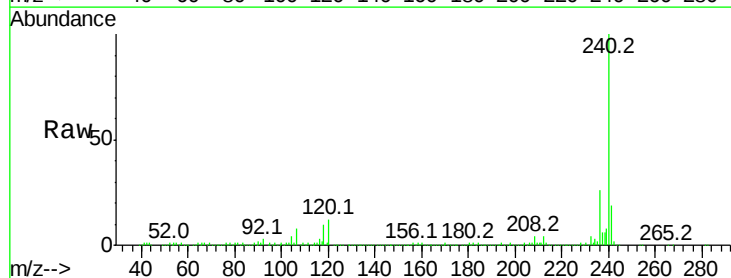
Tgt Ion:240 Resp: 434187

Ion Ratio Lower Upper

240 100

120 12.1 12.9 19.3#

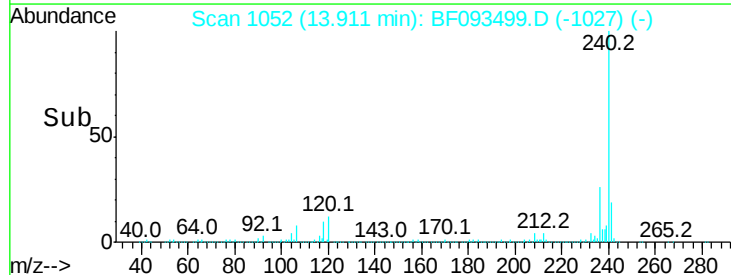
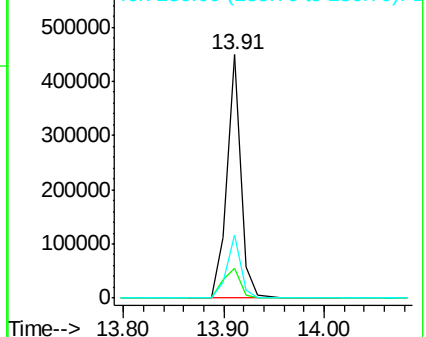
236 25.7 20.9 31.3

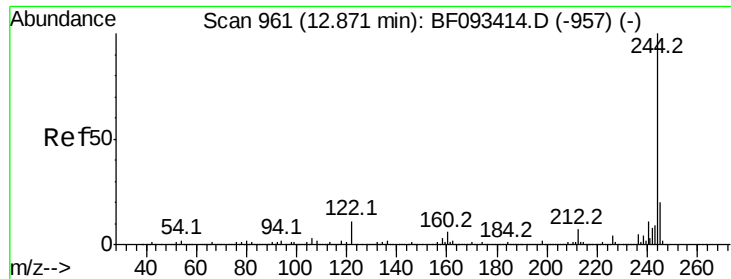


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

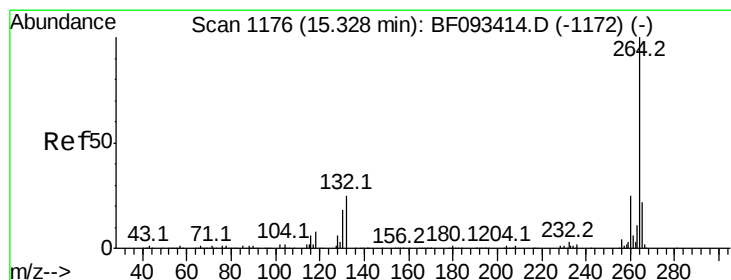
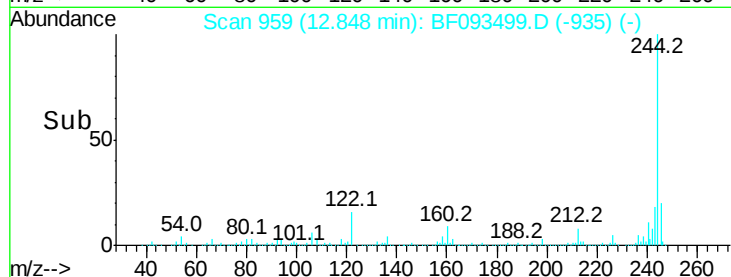
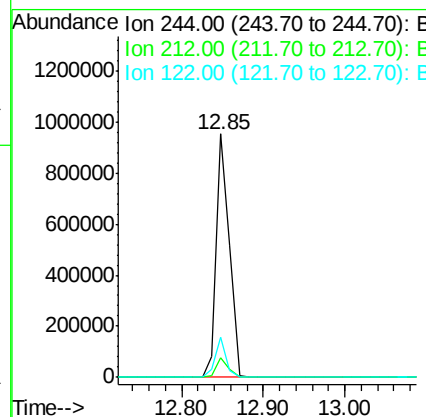
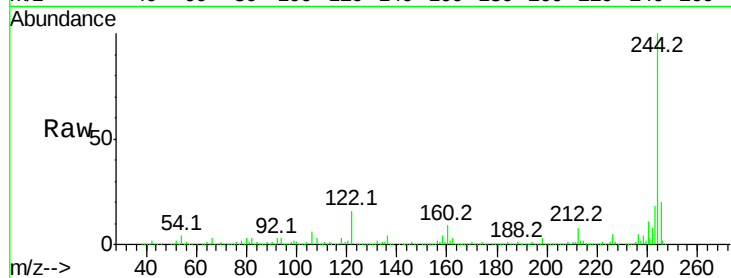




#78
 Terphenyl-d14
 Concen: 64.57 ng
 RT: 12.85 min Scan# 959
 Delta R.T. -0.02 min
 Lab File: BF093499.D
 Acq: 10 Mar 2017 2:14

Instrument :
 BNA_F
 ClientSampleId :
 EME-BLEND008-01

Tot Ion:244 Resp: 1078283
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 16.2 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF093499.D
 Acq: 10 Mar 2017 2:14

Tgt Ion:264 Resp: 384578
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 21.1 17.4 26.0

