

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030817\
 Data File : BF093443.D
 Acq On : 8 Mar 2017 22:02
 Operator : SJ/MA
 Sample : I2126-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-Z7-NSW

Quant Time: Mar 09 00:06:22 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

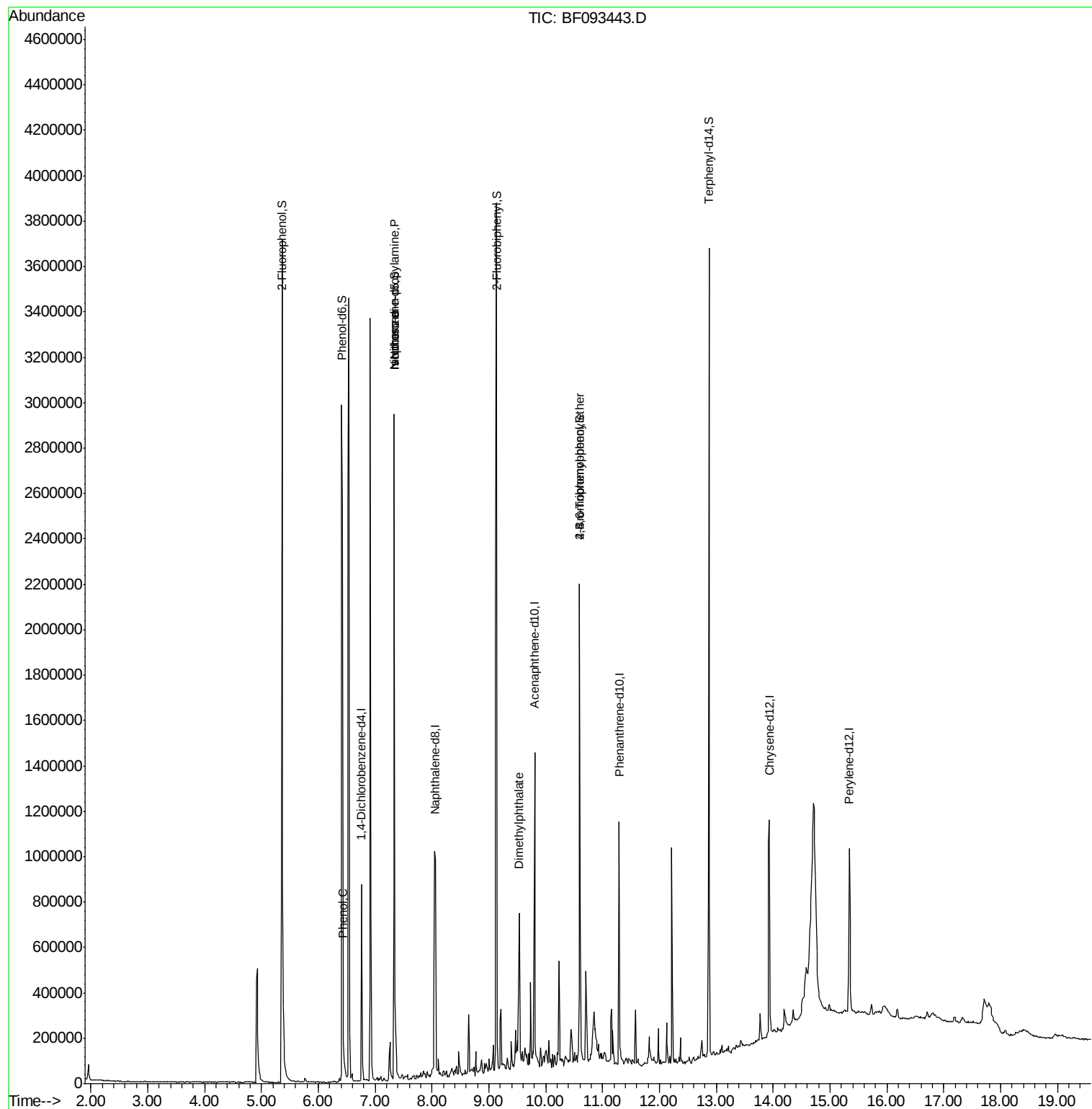
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	176288	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	684924	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	309275	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	547598	20.00	ng	0.01
75) Chrysene-d12	13.93	240	483685	20.00	ng	0.01
86) Perylene-d12	15.34	264	346082	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1188059	112.16	ng	0.01
7) Phenol-d6	6.41	99	1565673	117.22	ng	0.00
23) Nitrobenzene-d5	7.34	82	1010129	81.83	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	265416	131.72	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1418382	85.30	ng	0.00
78) Terphenyl-d14	12.87	244	1097379	58.99	ng	0.00
Target Compounds						
9) Benzaldehyde	6.37	77	1834	Below Cal	#	24
10) Phenol	6.44	94	55242	3.38	ng	77
19) n-Nitroso-di-n-propylamine	7.34	70	137805	15.01	ng	# 81
25) Isophorone	7.34	82	812052	32.62	ng	# 65
49) Dimethylphthalate	9.53	163	276151	13.47	ng	99
66) 4-Bromophenyl-phenylether	10.60	248	18630	3.22	ng	# 1

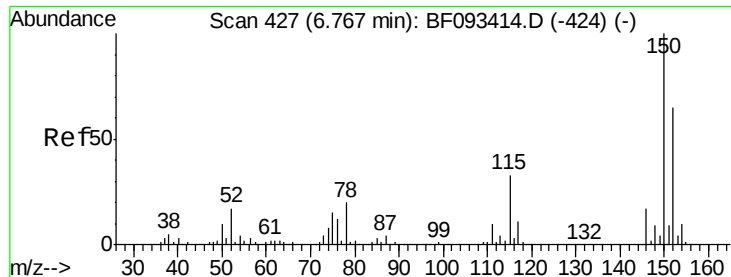
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 07 15:55:22 2017
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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: BF093443.D

Acq: 8 Mar 2017 22:02

Instrument :

BNA_F

ClientSampled :

E2-Z7-NSW

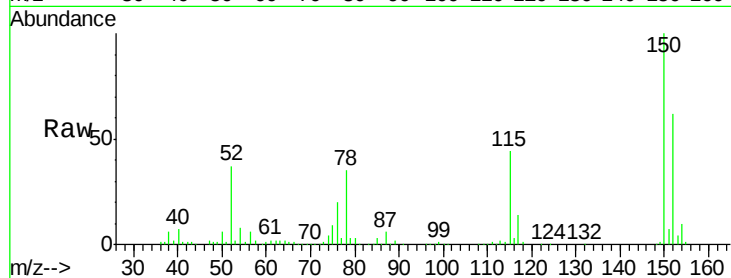
Tgt Ion:152 Resp: 176288

Ion Ratio Lower Upper

152 100

150 162.0 124.9 187.3

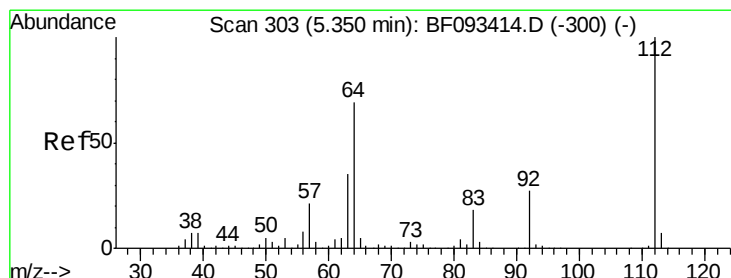
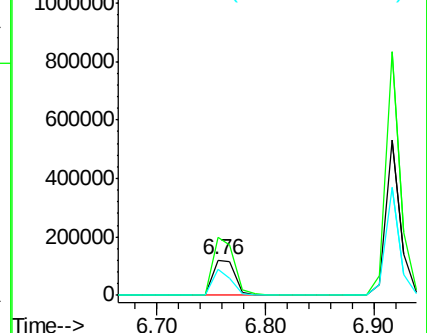
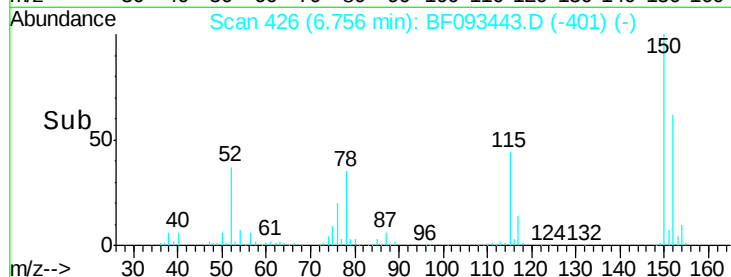
115 71.9 46.0 69.0#



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: 112.16 ng

RT: 5.36 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF093443.D

Acq: 8 Mar 2017 22:02

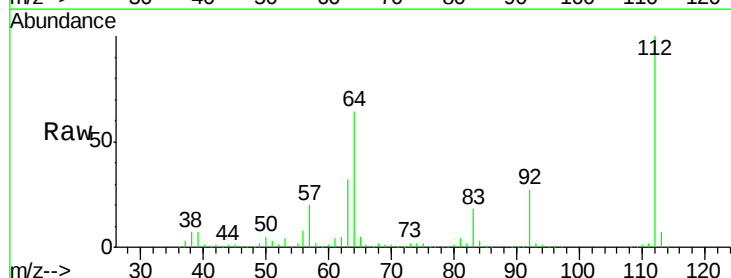
Tgt Ion:112 Resp: 1188059

Ion Ratio Lower Upper

112 100

64 64.1 46.1 69.1

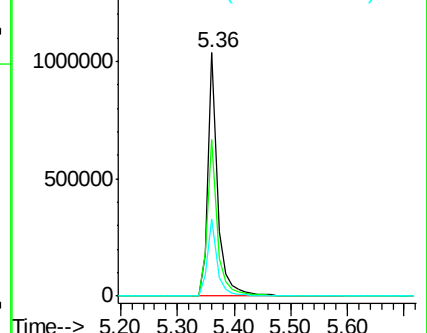
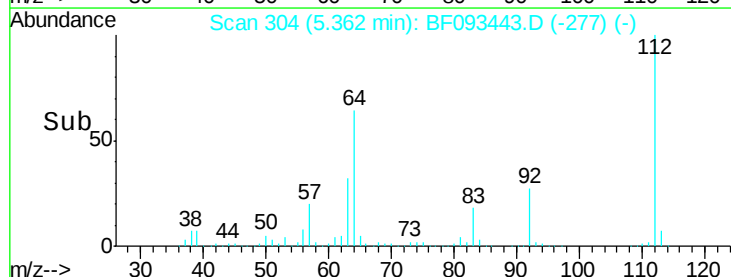
63 31.9 23.8 35.6

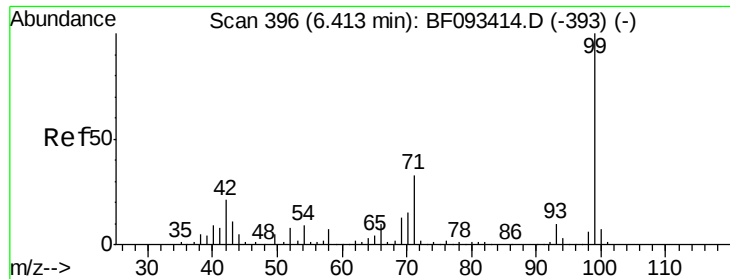


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 117.22 ng

RT: 6.41 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF093443.D

Acq: 8 Mar 2017 22:02

Instrument :

BNA_F

ClientSampleId :

E2-Z7-NSW

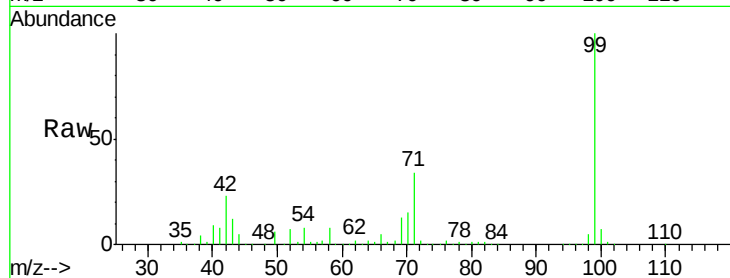
Tgt Ion: 99 Resp: 1565673

Ion Ratio Lower Upper

99 100

42 22.7 15.6 23.4

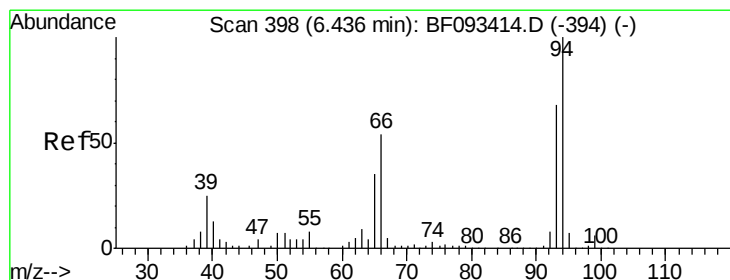
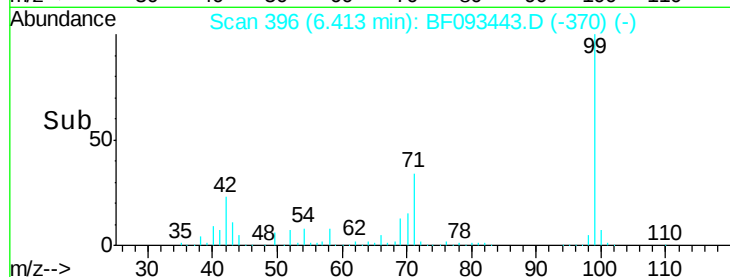
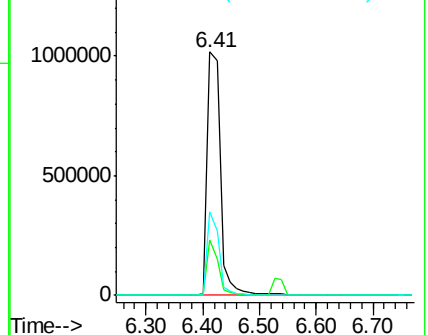
71 34.2 27.5 41.3



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: 3.38 ng

RT: 6.44 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF093443.D

Acq: 8 Mar 2017 22:02

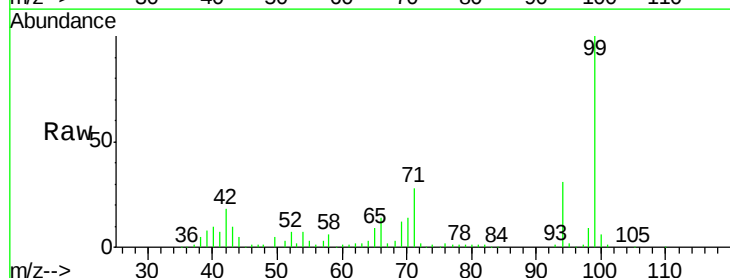
Tgt Ion: 94 Resp: 55242

Ion Ratio Lower Upper

94 100

65 28.9 21.4 61.4

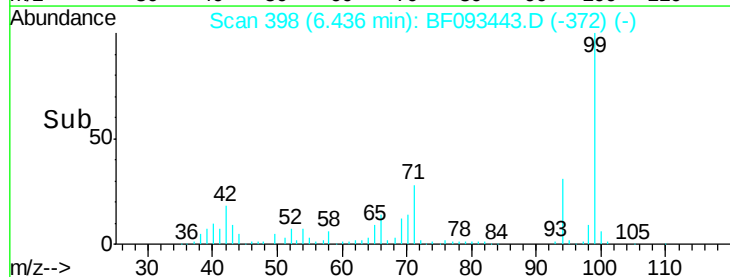
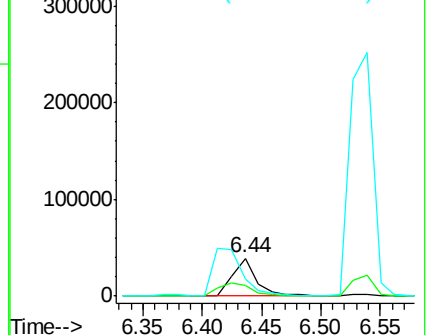
66 44.5 44.0 84.0

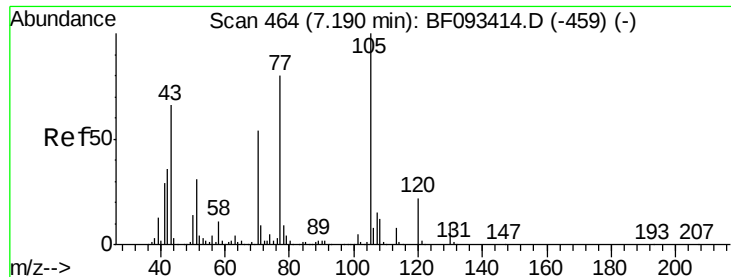


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

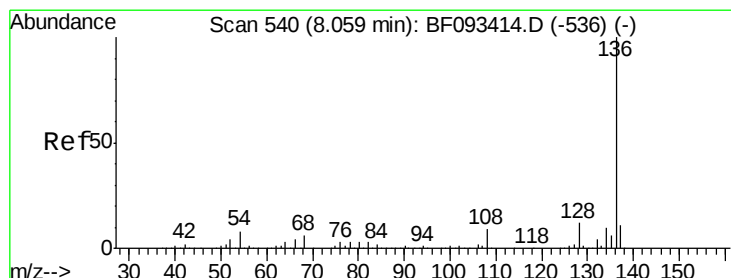
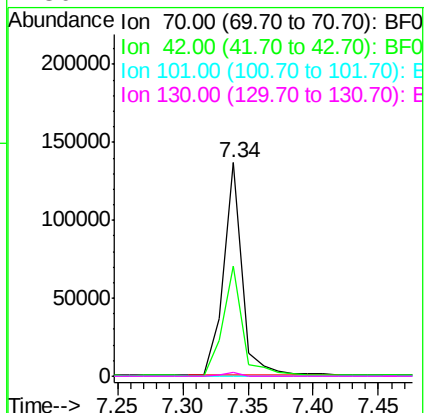
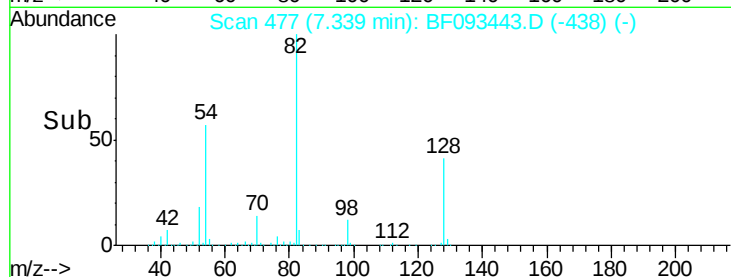
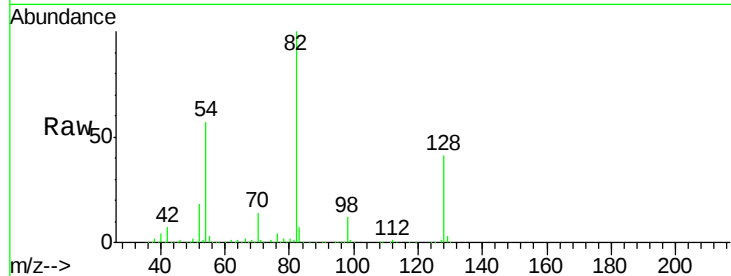




#19
n-Nitroso-di-n-propylamine
Concen: 15.01 ng
RT: 7.34 min Scan# 477
Delta R.T. 0.15 min
Lab File: BF093443.D
Acq: 8 Mar 2017 22:02

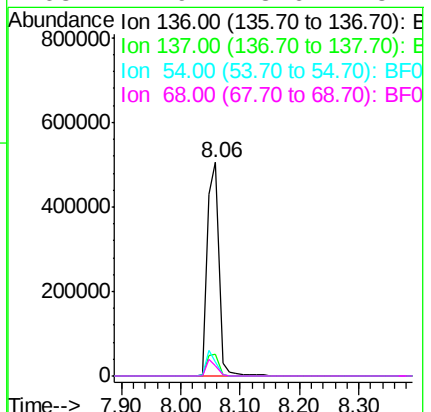
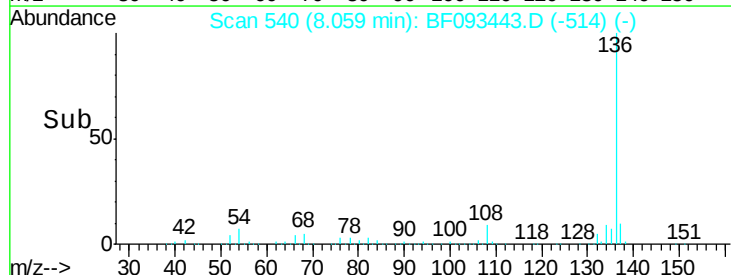
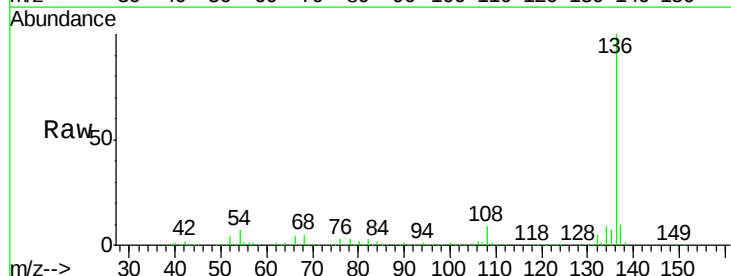
Instrument :
BNA_F
ClientSampleId :
E2-Z7-NSW

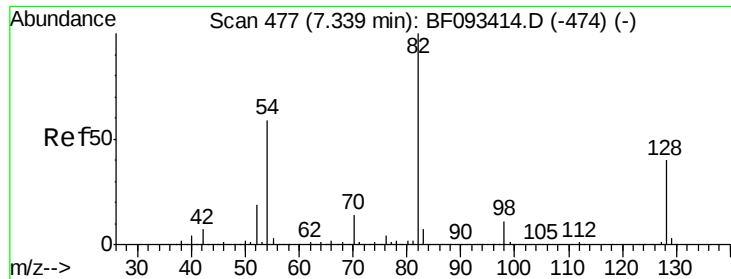
Tgt Ion: 70 Resp: 137805
Ion Ratio Lower Upper
70 100
42 51.6 49.4 74.0
101 0.0 7.4 11.2#
130 2.1 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF093443.D
Acq: 8 Mar 2017 22:02

Tgt Ion: 136 Resp: 684924
Ion Ratio Lower Upper
136 100
137 10.2 8.4 12.6
54 6.8 4.5 6.7#
68 4.9 3.6 5.4

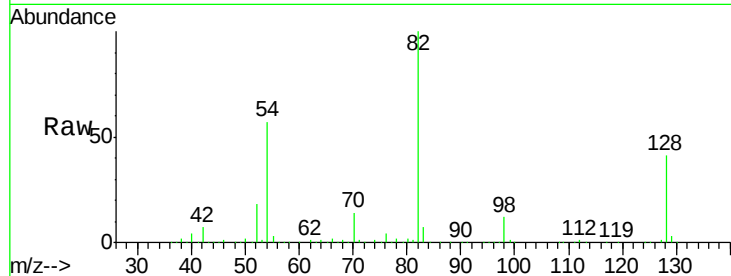




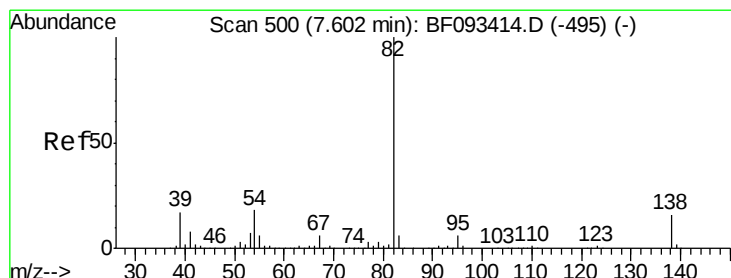
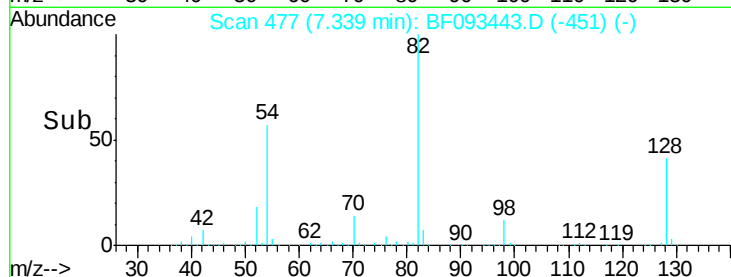
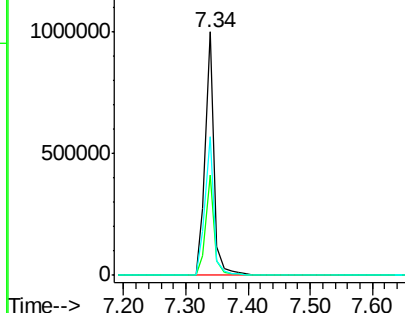
#23
 Nitrobenzene-d5
 Concen: 81.83 ng
 RT: 7.34 min Scan# 477
 Delta R.T. 0.00 min
 Lab File: BF093443.D
 Acq: 8 Mar 2017 22:02

Instrument :
 BNA_F
 ClientSampleId :
 E2-Z7-NSW

Tgt Ion: 82 Resp: 1010129
 Ion Ratio Lower Upper
 82 100
 128 41.0 34.6 52.0
 54 56.7 39.5 59.3

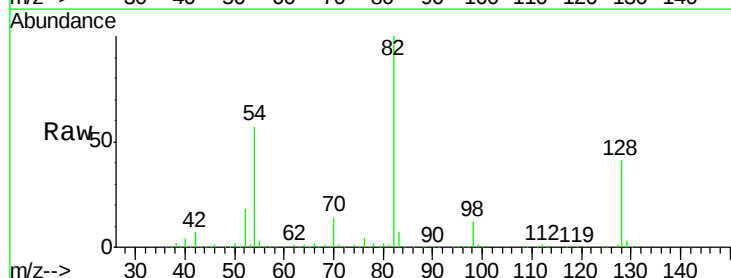


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

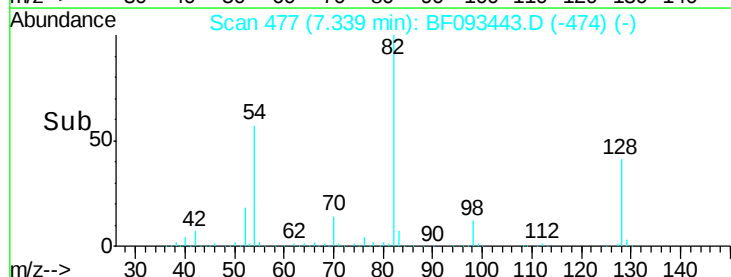
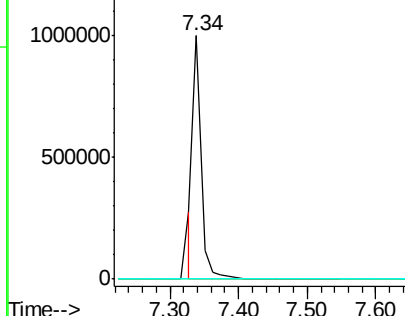


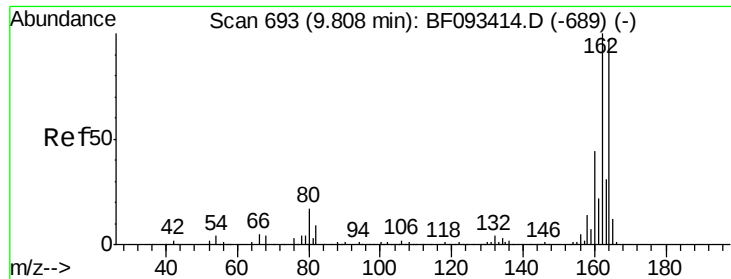
#25
 Isophorone
 Concen: 32.62 ng
 RT: 7.34 min Scan# 477
 Delta R.T. -0.26 min
 Lab File: BF093443.D
 Acq: 8 Mar 2017 22:02

Tgt Ion: 82 Resp: 812052
 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: 9.81 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF093443.D

Acq: 8 Mar 2017 22:02

Instrument :

BNA_F

ClientSampleId :

E2-Z7-NSW

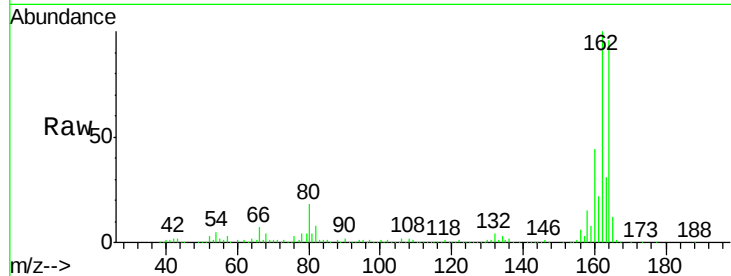
Tgt Ion:164 Resp: 309275

Ion Ratio Lower Upper

164 100

162 104.0 80.2 120.2

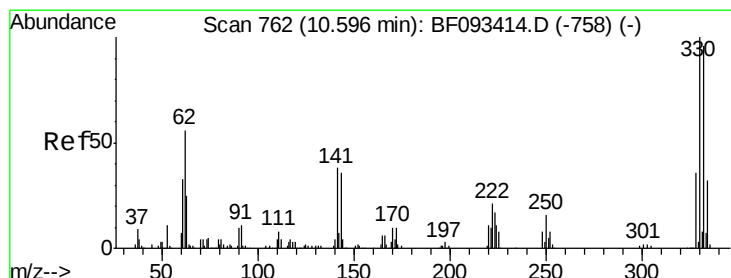
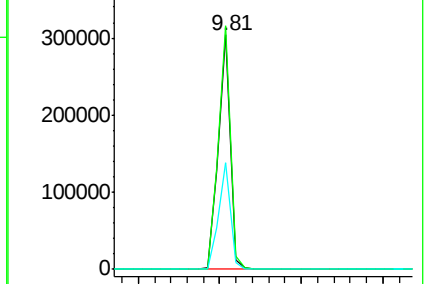
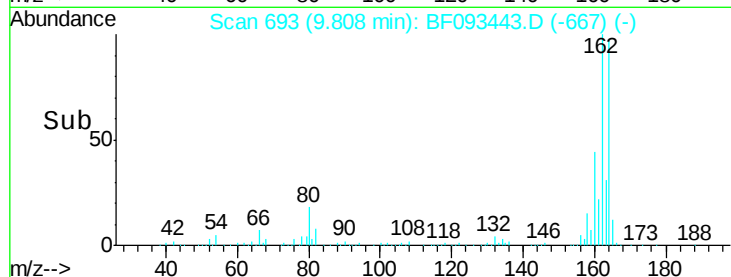
160 45.4 36.9 55.3



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: 131.72 ng

RT: 10.60 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF093443.D

Acq: 8 Mar 2017 22:02

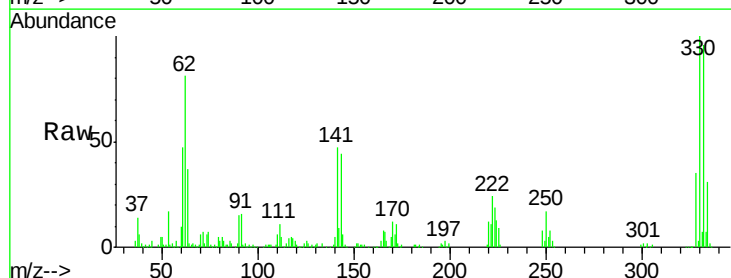
Tgt Ion:330 Resp: 265416

Ion Ratio Lower Upper

330 100

332 97.6 77.4 116.2

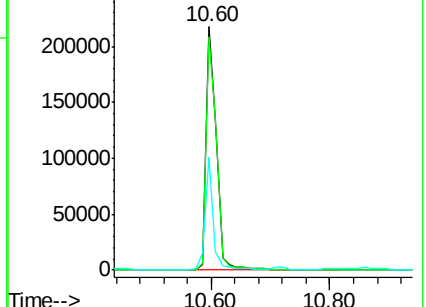
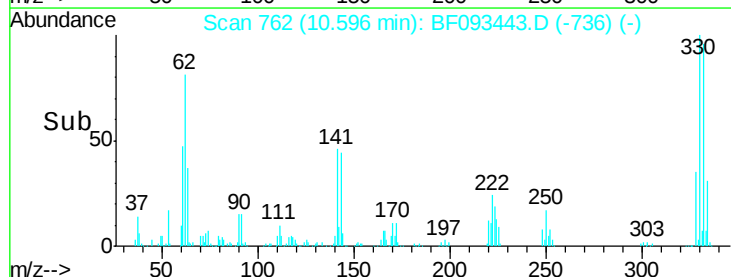
141 35.9 34.1 51.1

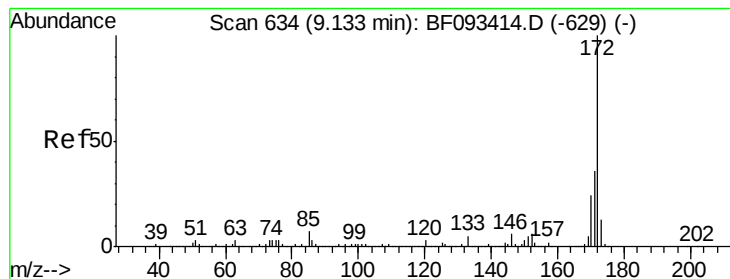


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 85.30 ng

RT: 9.13 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF093443.D

Acq: 8 Mar 2017 22:02

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ClientSampleId :

E2-Z7-NSW

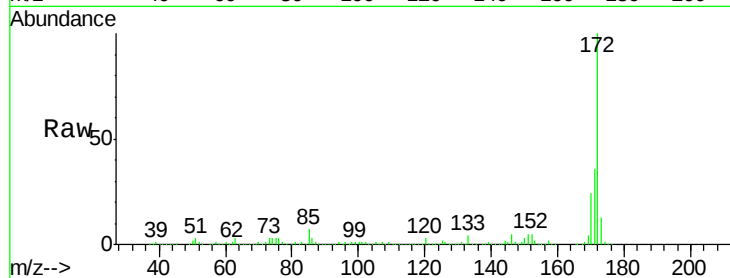
Tgt Ion:172 Resp: 1418382

Ion Ratio Lower Upper

172 100

171 36.3 29.4 44.0

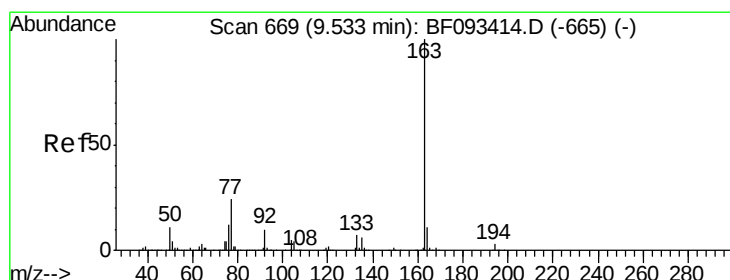
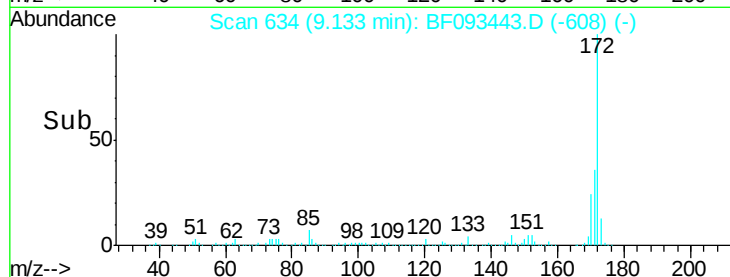
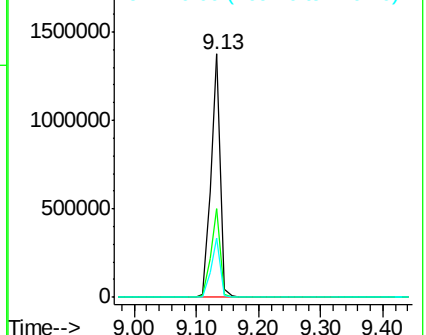
170 24.2 20.2 30.4



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: 13.47 ng

RT: 9.53 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF093443.D

Acq: 8 Mar 2017 22:02

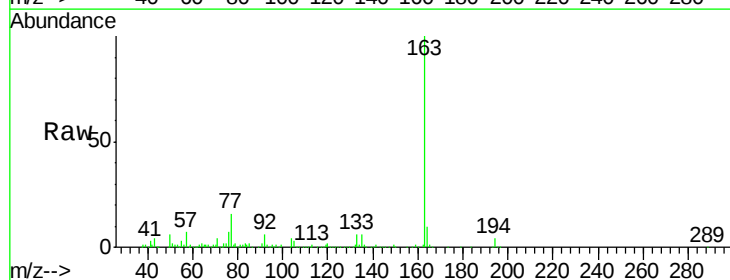
Tgt Ion:163 Resp: 276151

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

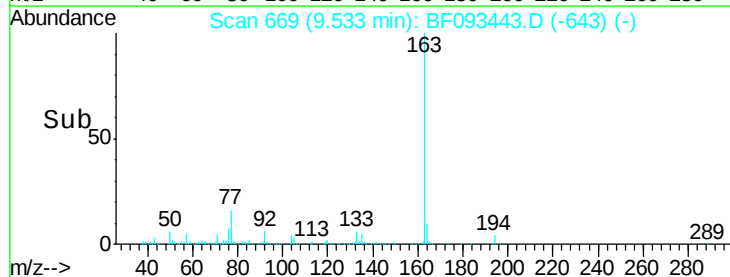
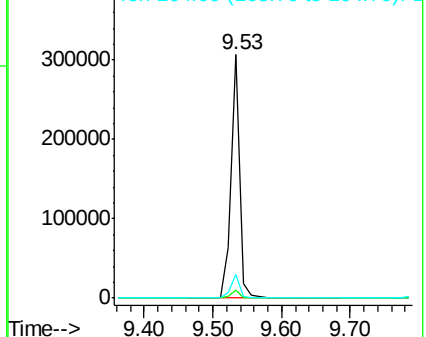
164 9.5 8.0 12.0

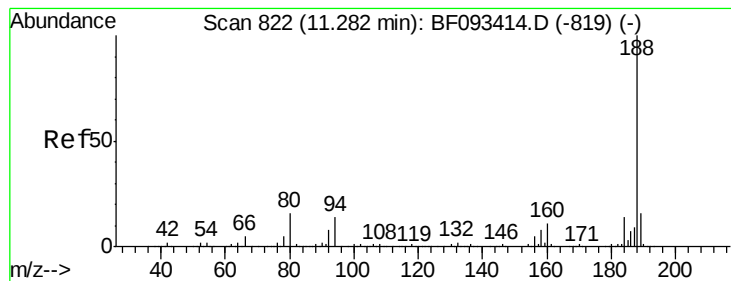


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 823

Delta R.T. 0.01 min

Lab File: BF093443.D

Acq: 8 Mar 2017 22:02

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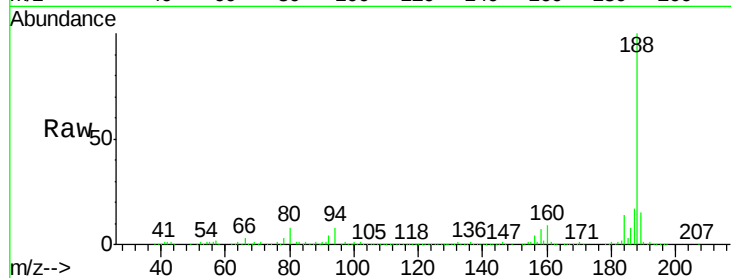
Tgt Ion:188 Resp: 547598

Ion Ratio Lower Upper

188 100

94 7.8 10.0 15.0#

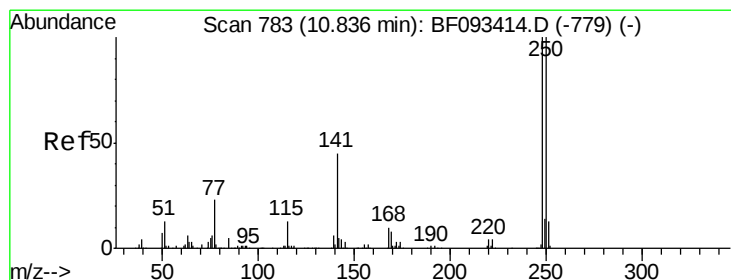
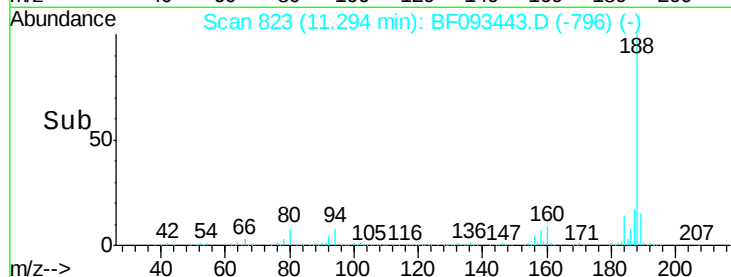
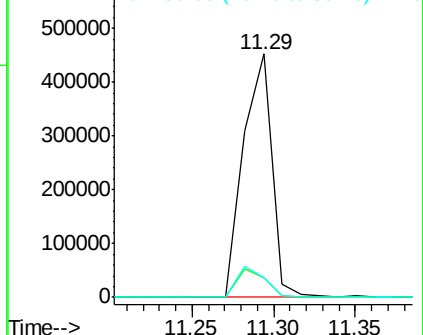
80 8.2 11.2 16.8#



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: 3.22 ng

RT: 10.60 min Scan# 762

Delta R.T. -0.24 min

Lab File: BF093443.D

Acq: 8 Mar 2017 22:02

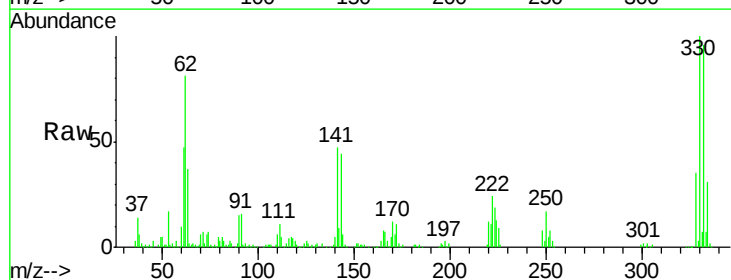
Tgt Ion:248 Resp: 18630

Ion Ratio Lower Upper

248 100

250 202.4 76.9 115.3#

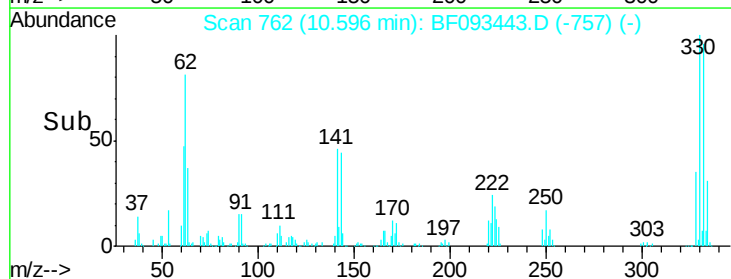
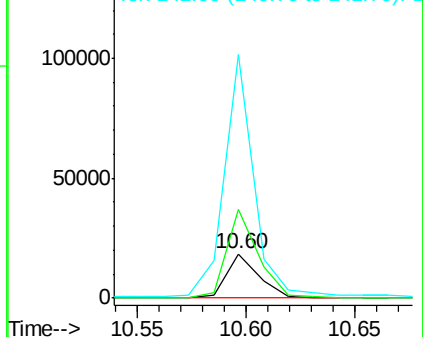
141 554.0 68.2 102.4#

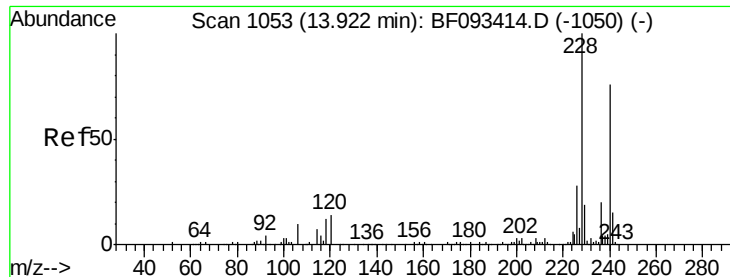


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.93 min Scan# 1054

Delta R.T. 0.01 min

Lab File: BF093443.D

Acq: 8 Mar 2017 22:02

Instrument :

BNA_F

ClientSampleId :

E2-Z7-NSW

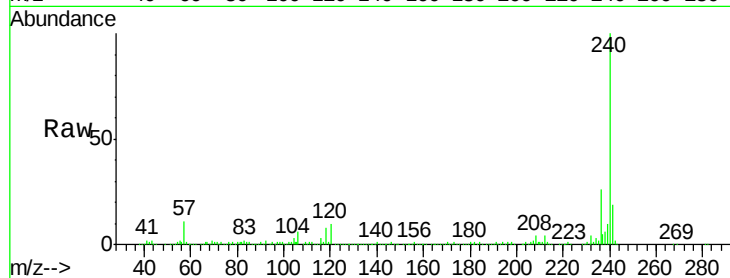
Tgt Ion:240 Resp: 483685

Ion Ratio Lower Upper

240 100

120 9.7 12.9 19.3#

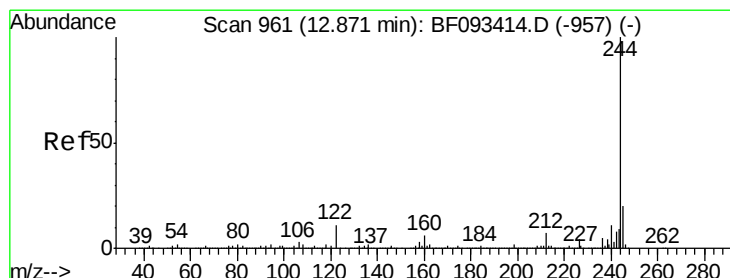
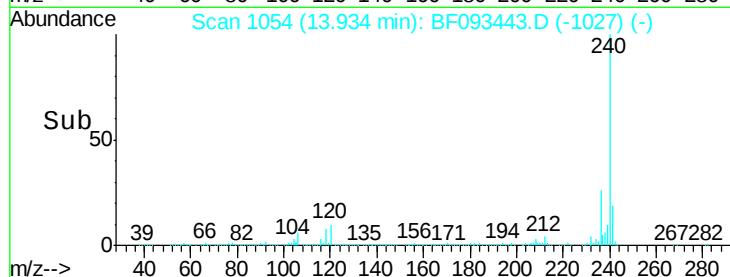
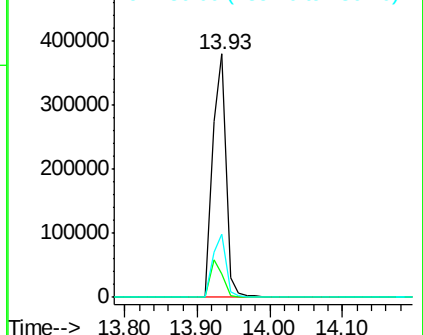
236 25.9 20.9 31.3



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: 58.99 ng

RT: 12.87 min Scan# 961

Delta R.T. 0.00 min

Lab File: BF093443.D

Acq: 8 Mar 2017 22:02

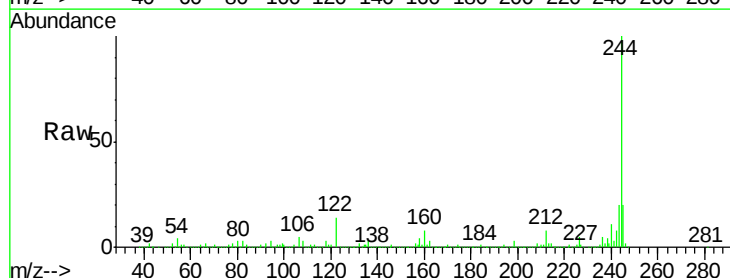
Tgt Ion:244 Resp: 1097379

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

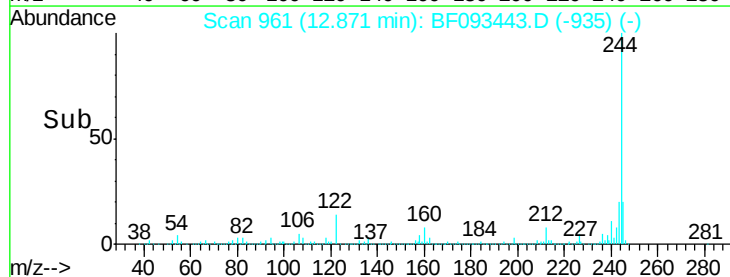
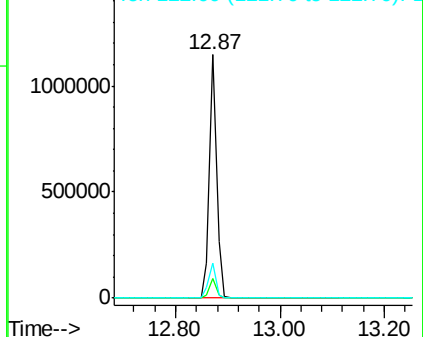
122 14.1 11.4 17.2

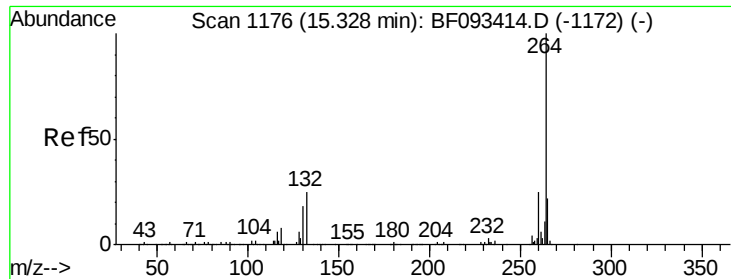


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

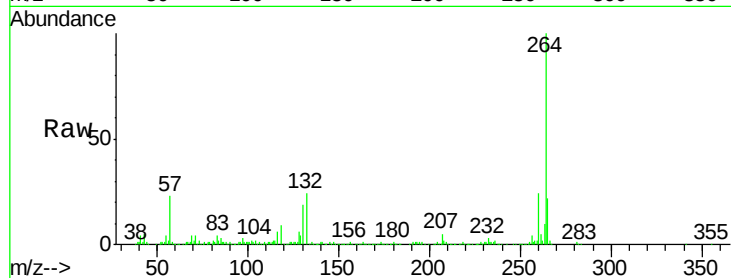




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.34 min Scan# 1177
Delta R.T. 0.01 min
Lab File: BF093443.D
Acq: 8 Mar 2017 22:02

Instrument :
BNA_F
ClientSampleId :
E2-Z7-NSW

Tgt Ion: 264 Resp: 346082
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 21.6 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

