

Data Path : Z:\HPCHEM1\BNA F\Data\BF031117\
 Data File : BF093576.D
 Acq On : 11 Mar 2017 19:20
 Operator : SJ/MA
 Sample : I2215-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 16:30:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

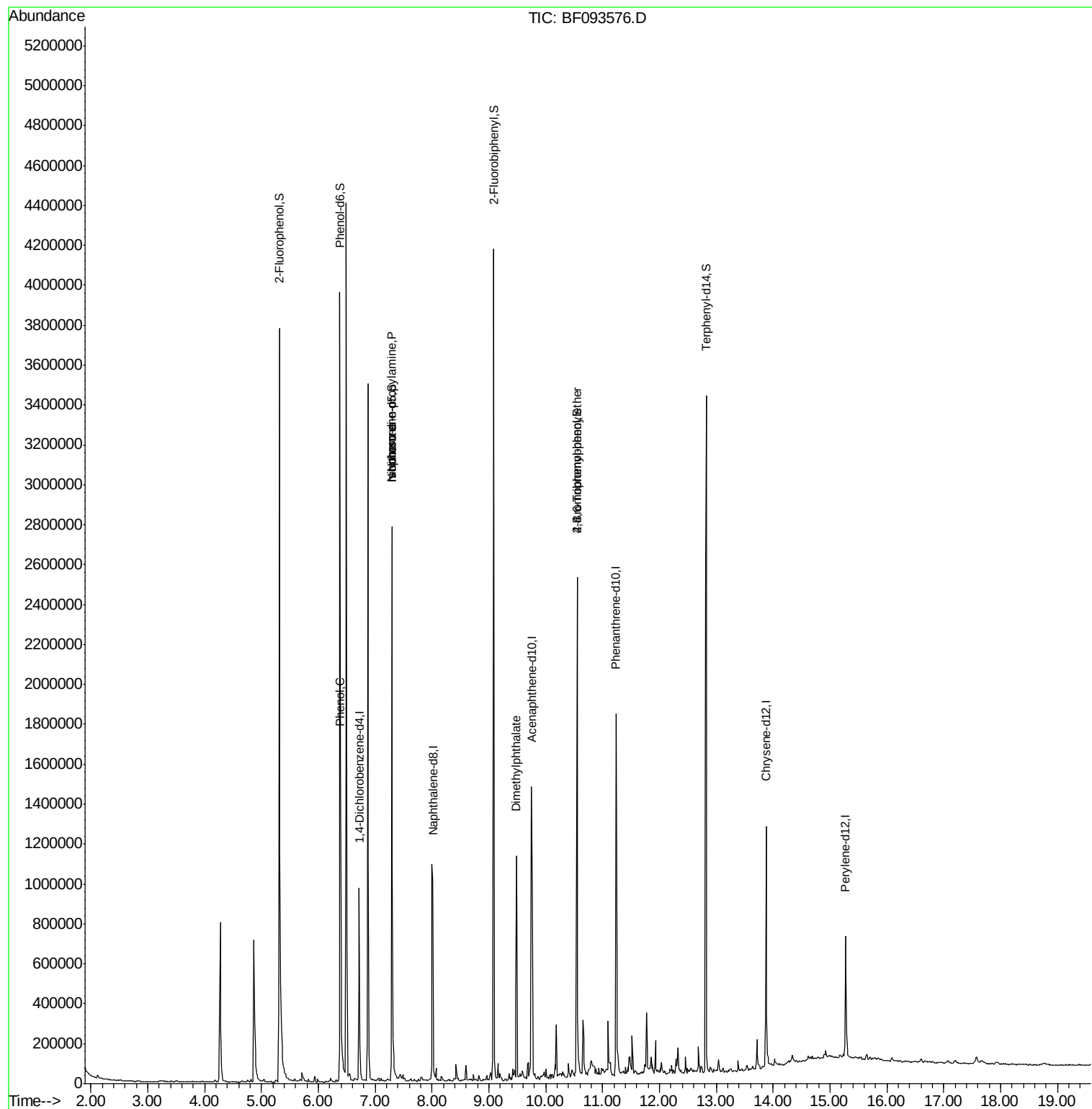
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	179560	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	725639	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	348313	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	636819	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	424997	20.00	ng	-0.01
86) Perylene-d12	15.27	264	304602	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1250188	115.88	ng	0.00
7) Phenol-d6	6.38	99	1521915	111.86	ng	0.00
23) Nitrobenzene-d5	7.29	82	1035435	79.17	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	280613	123.65	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1718283	91.76	ng	0.00
78) Terphenyl-d14	12.83	244	1344820	82.27	ng	0.00
Target Compounds						
10) Phenol	6.39	94	124792	7.49	ng	Qvalue 93
19) n-Nitroso-di-n-propylamine	7.29	70	140308	15.00	ng	# 83
25) Isophorone	7.29	82	1005755	38.14	ng	# 65
49) Dimethylphthalate	9.49	163	477965	20.70	ng	99
66) 4-Bromophenyl-phenylether	10.55	248	21701	3.22	ng	# 1

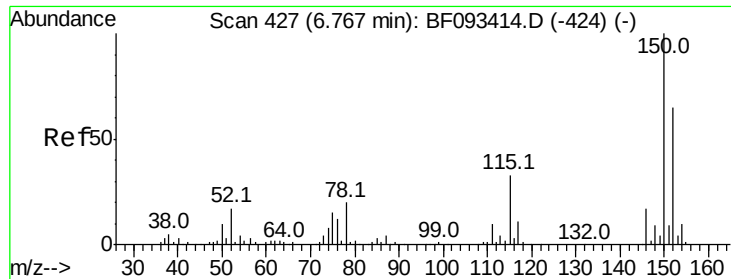
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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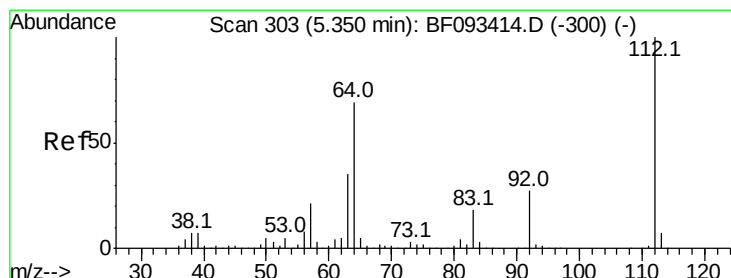
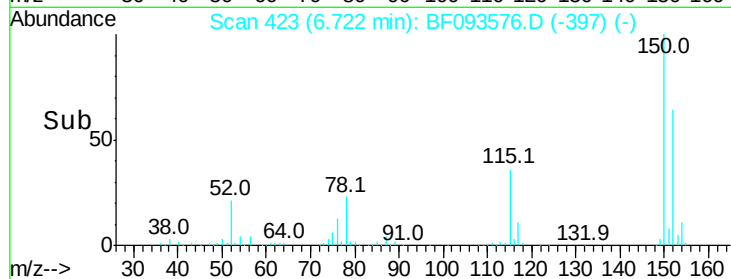
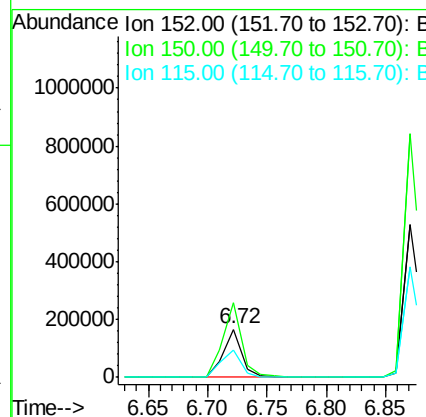
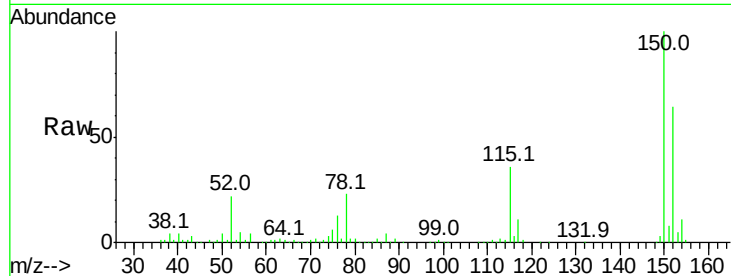


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF093576.D
Acq: 11 Mar 2017 19:20

Instrument :
BNA_F
ClientSampleId :

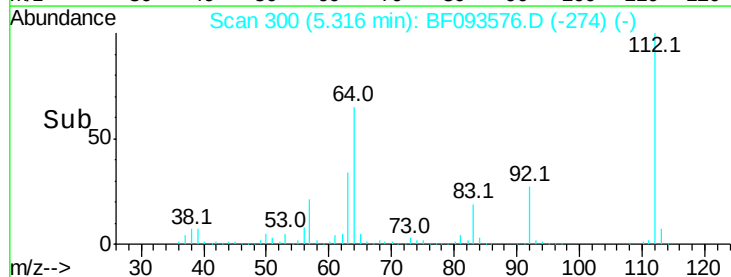
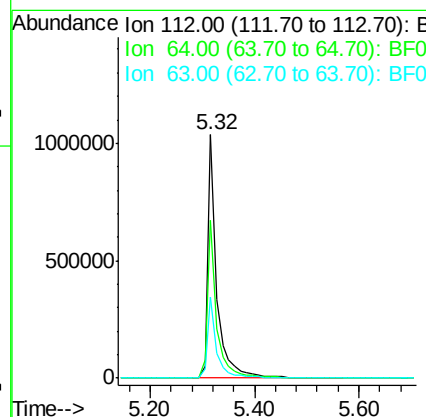
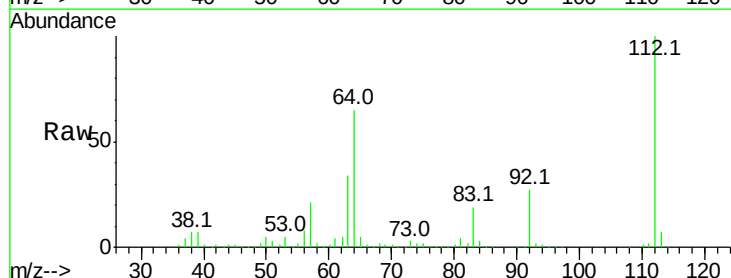
Tot Ion:152 Resp: 179560
Ion Ratio Lower Upper
152 100
150 155.9 124.9 187.3
115 56.1 46.0 69.0

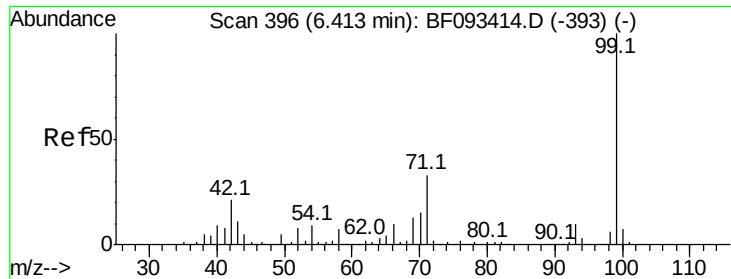


#5

2-Fluorophenol
Concen: 115.88 ng
RT: 5.32 min Scan# 300
Delta R.T. 0.00 min
Lab File: BF093576.D
Acq: 11 Mar 2017 19:20

Tgt Ion:112 Resp: 1250188
Ion Ratio Lower Upper
112 100
64 64.7 46.1 69.1
63 33.5 23.8 35.6





#7

Phenol-d6

Concen: 111.86 ng

RT: 6.38 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF093576.D

Acq: 11 Mar 2017 19:20

Instrument :

BNA_F

ClientSampleId :

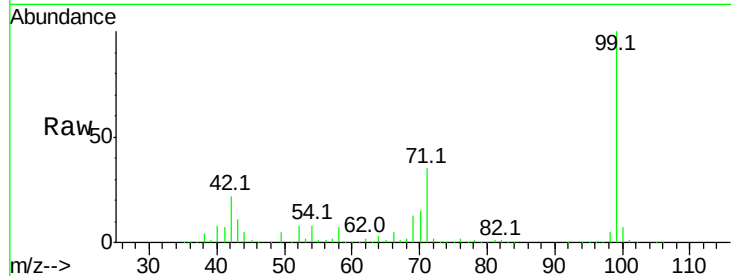
Tot Ion: 99 Resp: 1521915

Ion Ratio Lower Upper

99 100

42 21.9 15.6 23.4

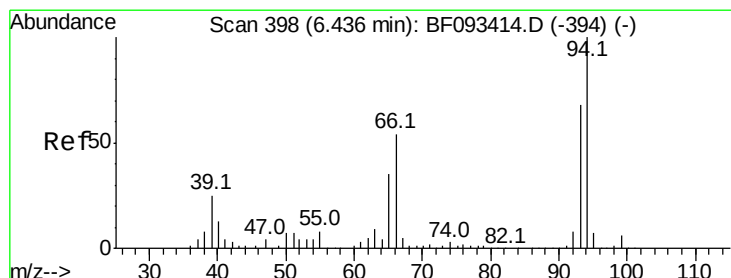
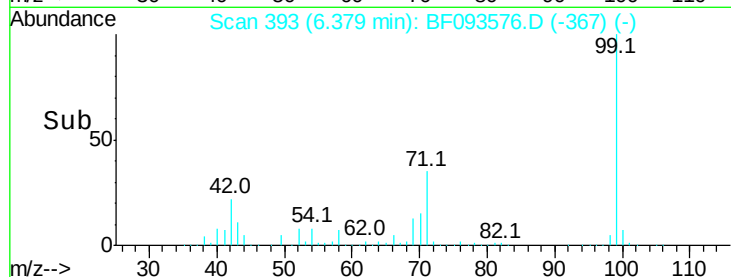
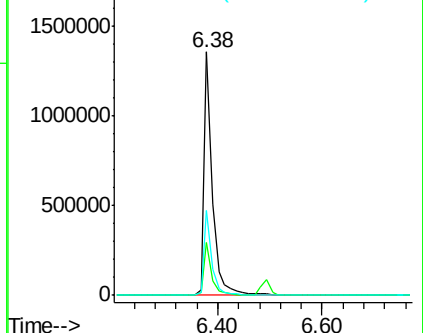
71 34.9 27.5 41.3



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: 7.49 ng

RT: 6.39 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF093576.D

Acq: 11 Mar 2017 19:20

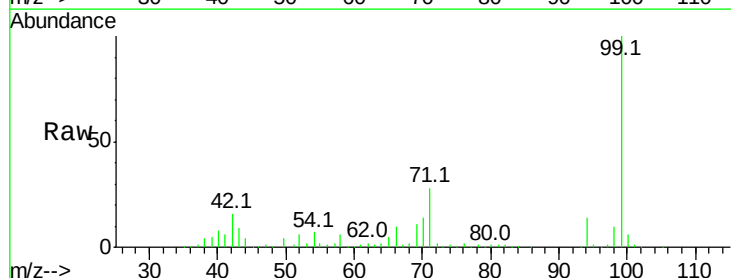
Tgt Ion: 94 Resp: 124792

Ion Ratio Lower Upper

94 100

65 36.2 21.4 61.4

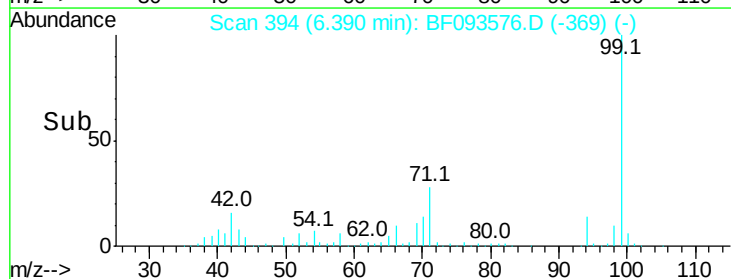
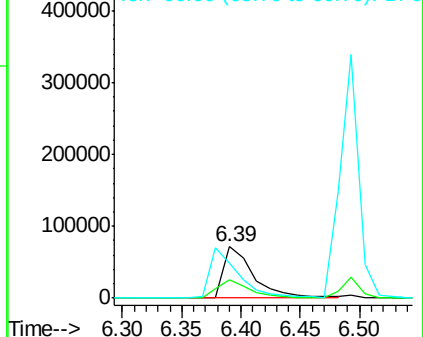
66 68.6 44.0 84.0

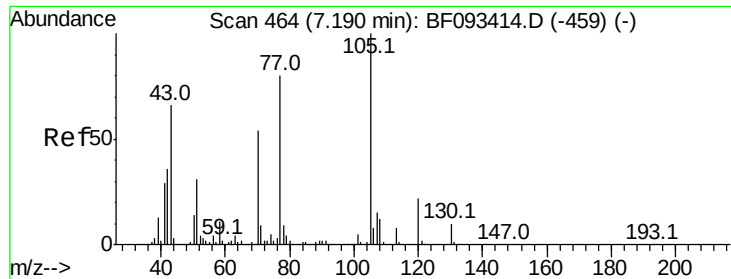


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

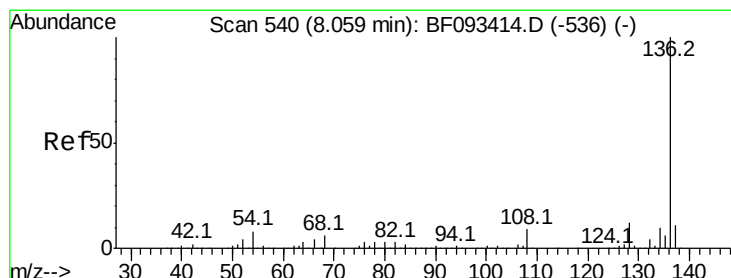
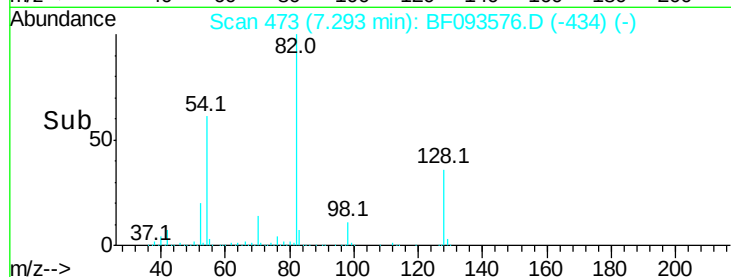
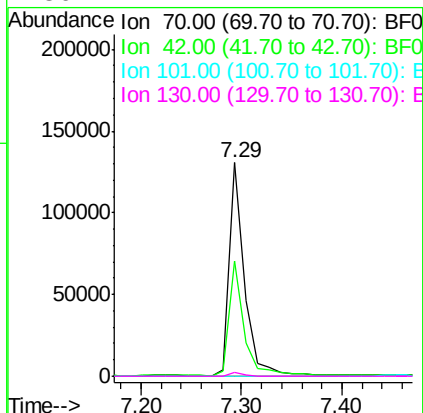
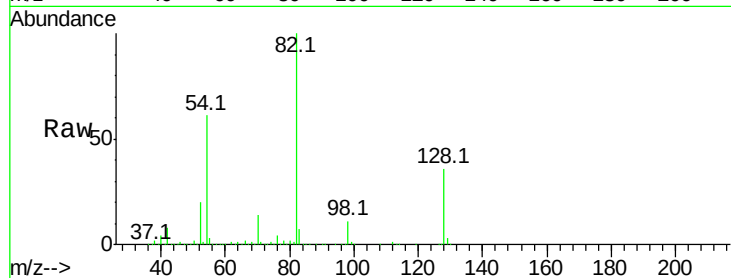




#19
n-Nitroso-di-n-propylamine
Concen: 15.00 ng
RT: 7.29 min Scan# 473
Delta R.T. 0.15 min
Lab File: BF093576.D
Acq: 11 Mar 2017 19:20

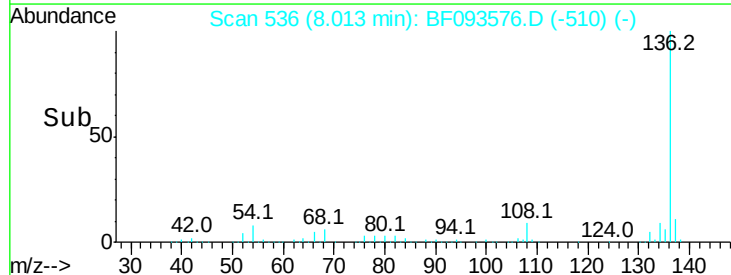
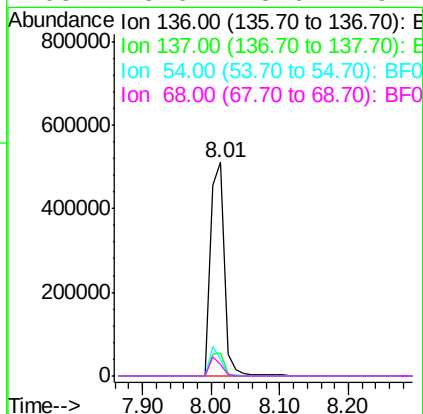
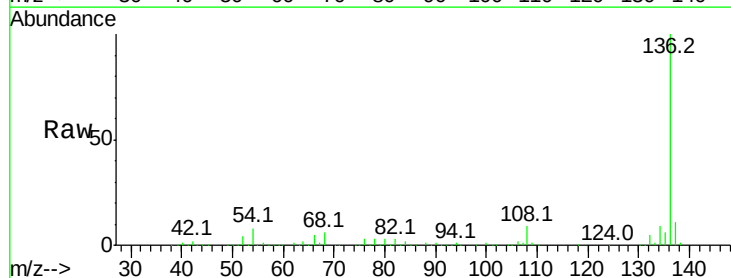
Instrument :
BNA_F
ClientSampleId :

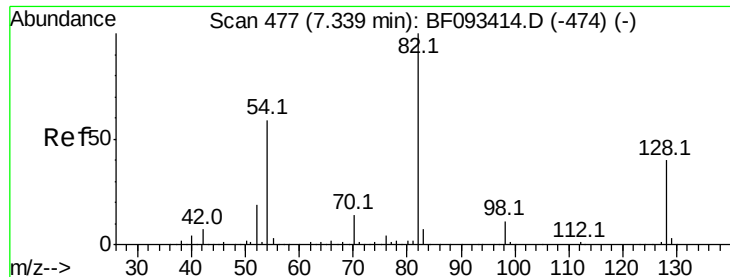
Tot Ion: 70 Resp: 140308
Ion Ratio Lower Upper
70 100
42 54.1 49.4 74.0
101 0.0 7.4 11.2#
130 1.7 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF093576.D
Acq: 11 Mar 2017 19:20

Tgt Ion:136 Resp: 725639
Ion Ratio Lower Upper
136 100
137 10.5 8.4 12.6
54 8.0 4.5 6.7#
68 5.6 3.6 5.4#

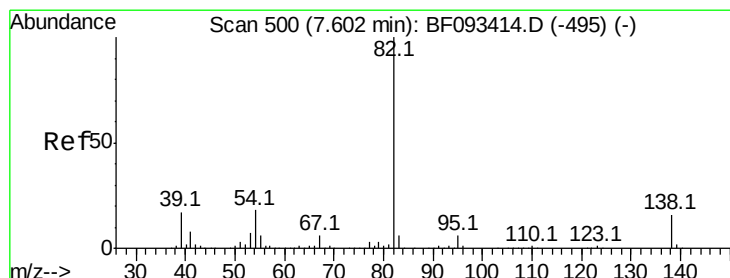
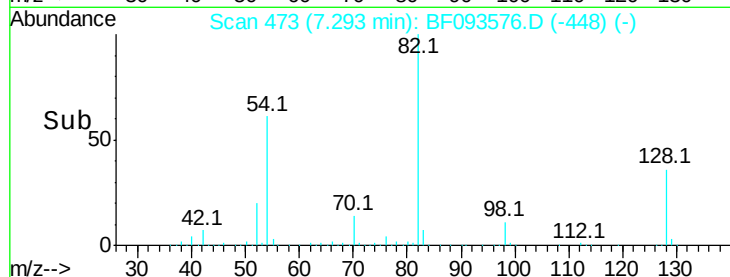
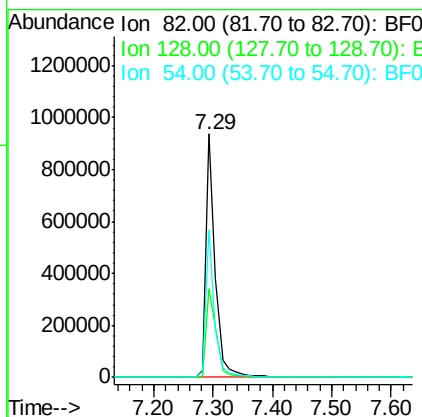
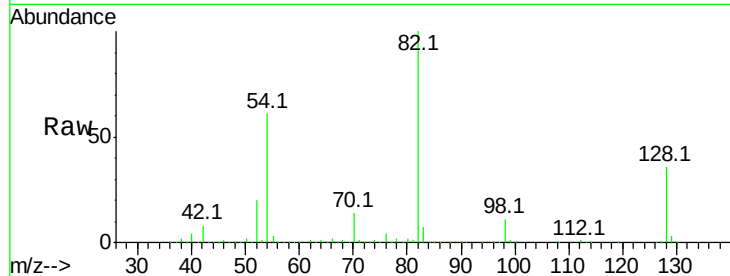




#23
 Nitrobenzene-d5
 Concen: 79.17 ng
 RT: 7.29 min Scan# 473
 Delta R.T. -0.01 min
 Lab File: BF093576.D
 Acq: 11 Mar 2017 19:20

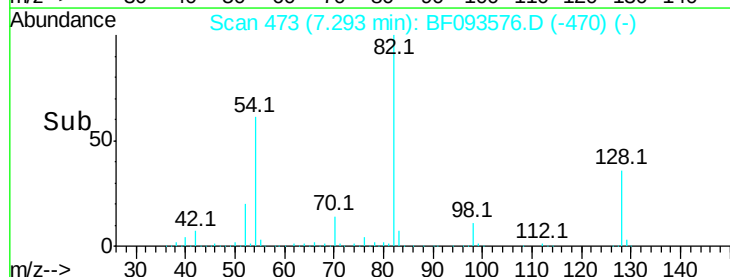
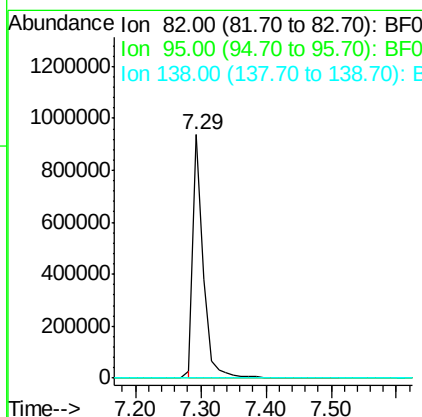
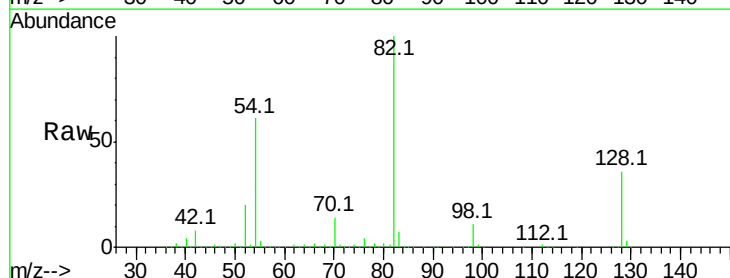
Instrument :
 BNA_F
 ClientSampled :

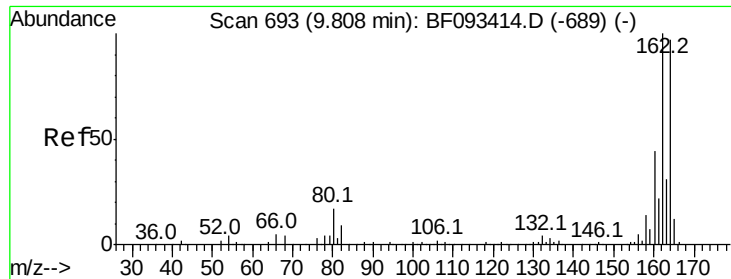
Tot Ion: 82 Resp: 1035435
 Ion Ratio Lower Upper
 82 100
 128 36.5 34.6 52.0
 54 60.7 39.5 59.3#



#25
 Isophorone
 Concen: 38.14 ng
 RT: 7.29 min Scan# 473
 Delta R.T. -0.26 min
 Lab File: BF093576.D
 Acq: 11 Mar 2017 19:20

Tgt Ion: 82 Resp: 1005755
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.6 22.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.75 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF093576.D

Acq: 11 Mar 2017 19:20

Instrument :

BNA_F

ClientSampleId :

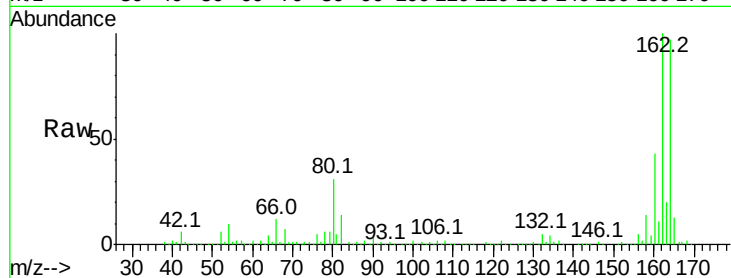
Tot Ion:164 Resp: 348313

Ion Ratio Lower Upper

164 100

162 102.9 80.2 120.2

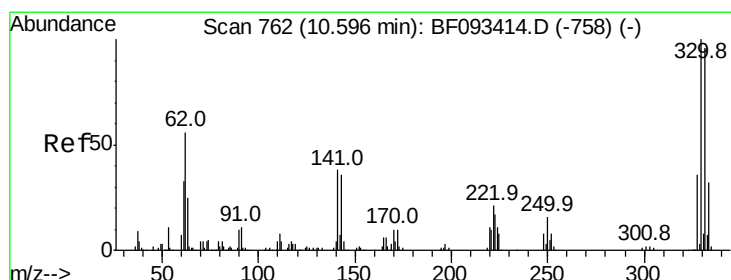
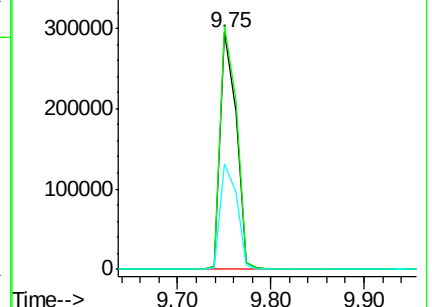
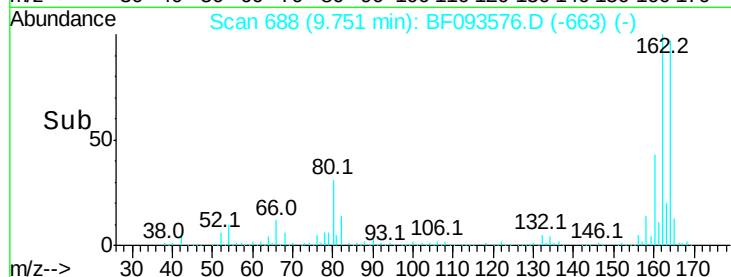
160 44.6 36.9 55.3



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: 123.65 ng

RT: 10.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF093576.D

Acq: 11 Mar 2017 19:20

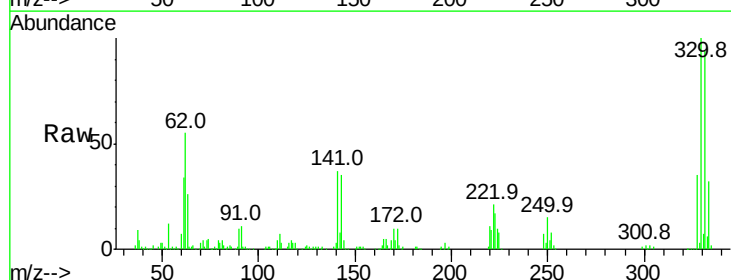
Tgt Ion:330 Resp: 280613

Ion Ratio Lower Upper

330 100

332 94.4 77.4 116.2

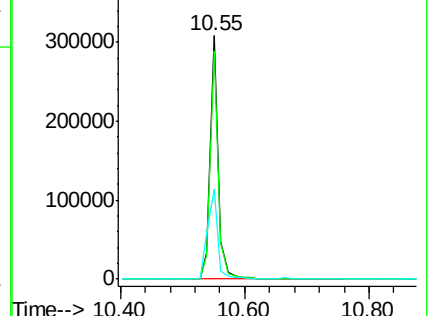
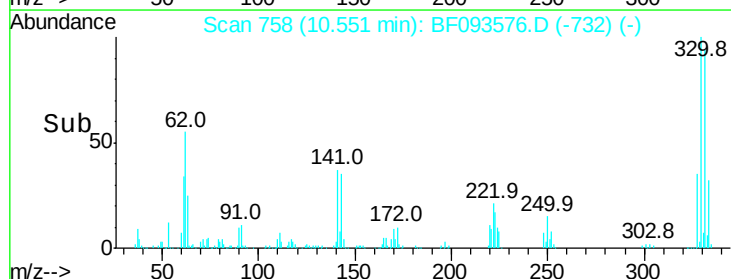
141 47.5 34.1 51.1

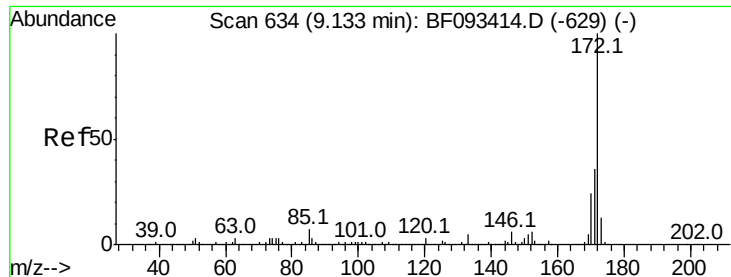


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

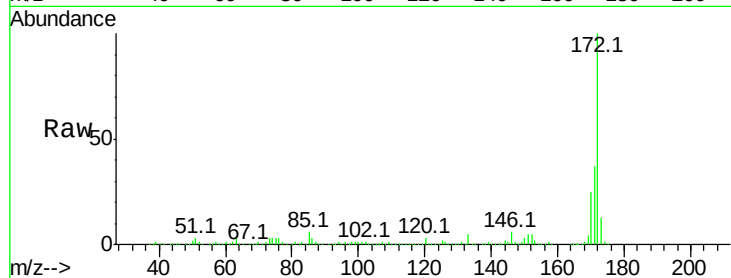




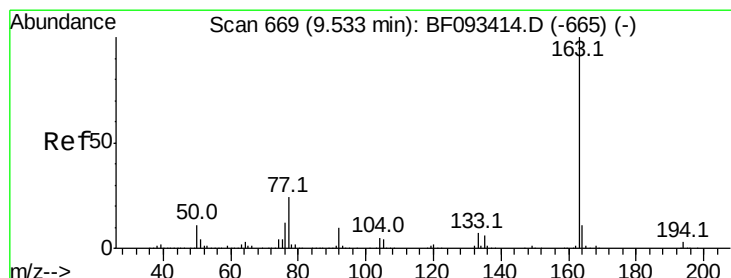
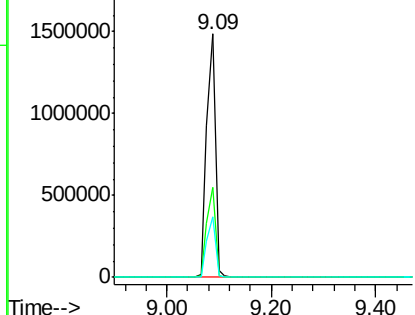
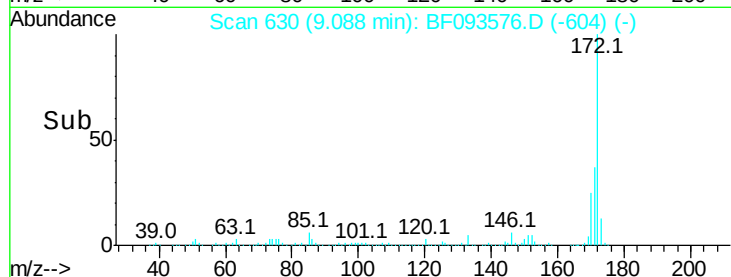
#44
2-Fluorobiphenyl
Concen: 91.76 ng
RT: 9.09 min Scan# 630
Delta R.T. 0.00 min
Lab File: BF093576.D
Acq: 11 Mar 2017 19:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1718283
Ion Ratio Lower Upper
172 100
171 36.7 29.4 44.0
170 24.7 20.2 30.4

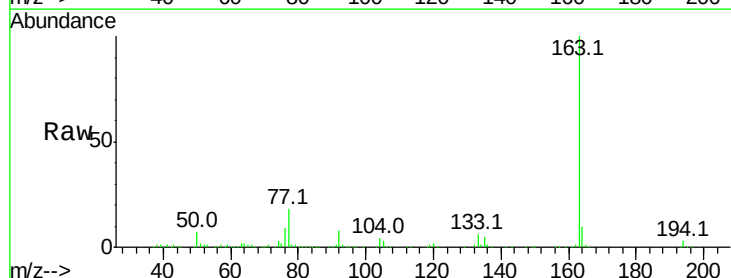


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

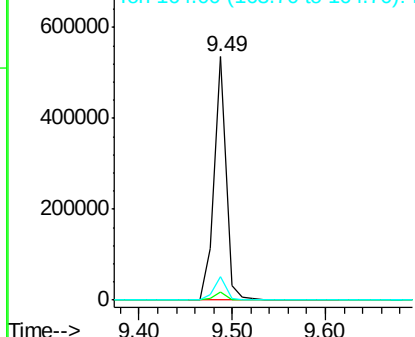
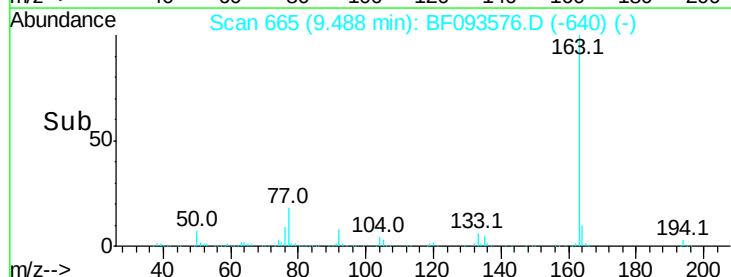


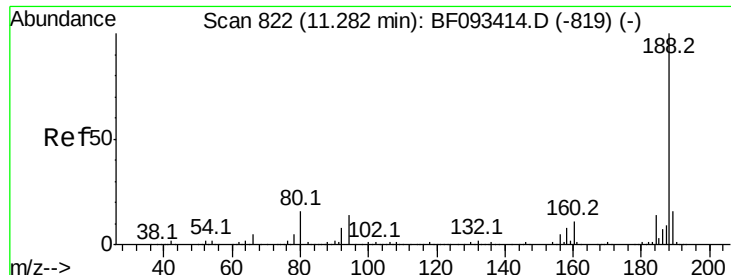
#49
Dimethylphthalate
Concen: 20.70 ng
RT: 9.49 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF093576.D
Acq: 11 Mar 2017 19:20

Tgt Ion:163 Resp: 477965
Ion Ratio Lower Upper
163 100
194 3.3 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

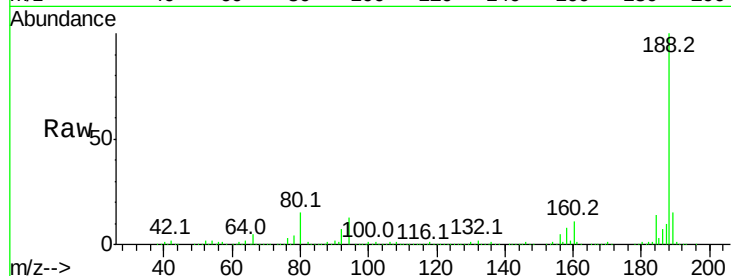




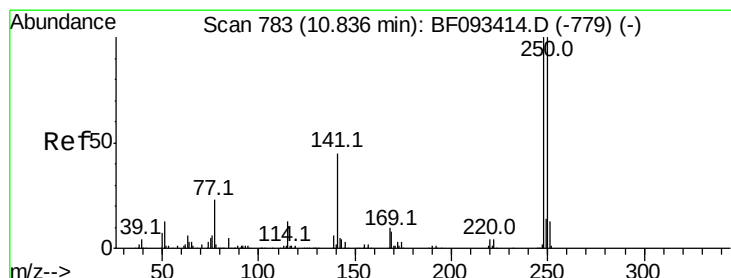
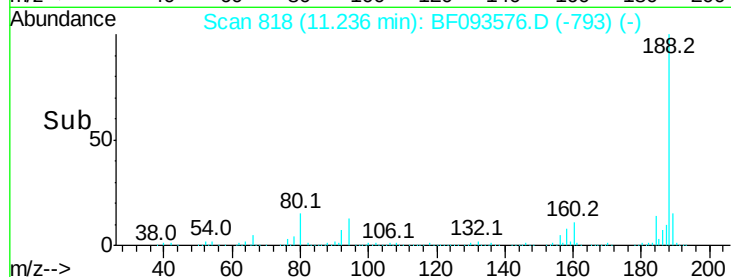
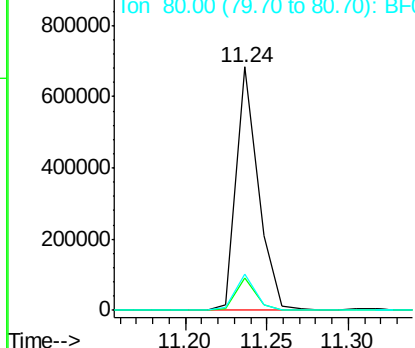
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.24 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF093576.D
 Acq: 11 Mar 2017 19:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 636819
 Ion Ratio Lower Upper
 188 100
 94 13.5 10.0 15.0
 80 14.7 11.2 16.8

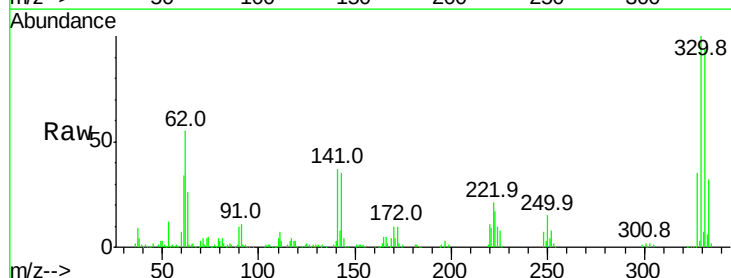


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

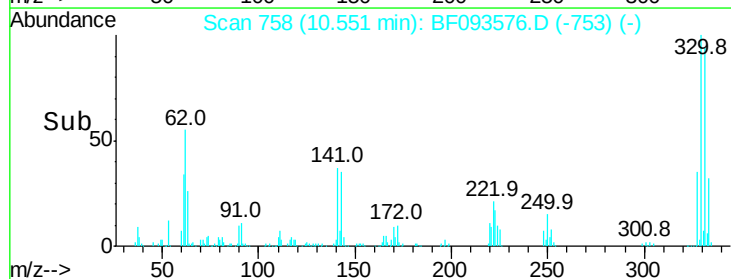
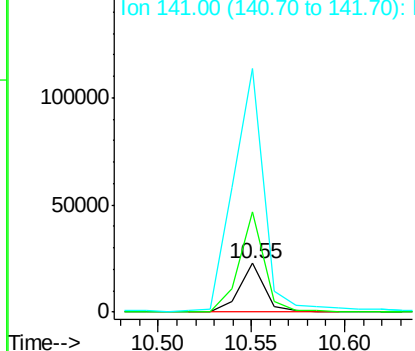


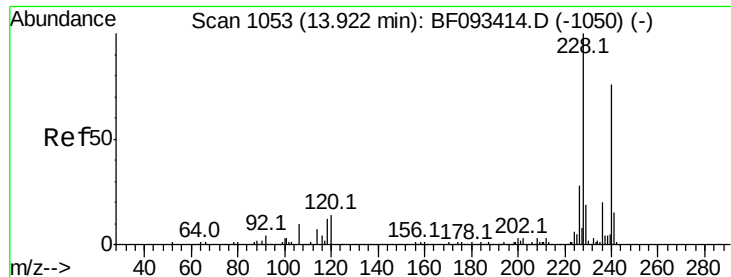
#66
 4-Bromophenyl-phenylether
 Concen: 3.22 ng
 RT: 10.55 min Scan# 758
 Delta R.T. -0.24 min
 Lab File: BF093576.D
 Acq: 11 Mar 2017 19:20

Tgt Ion:248 Resp: 21701
 Ion Ratio Lower Upper
 248 100
 250 206.0 76.9 115.3#
 141 499.0 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: 13.88 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF093576.D

Acq: 11 Mar 2017 19:20

Instrument :

BNA_F

ClientSampled :

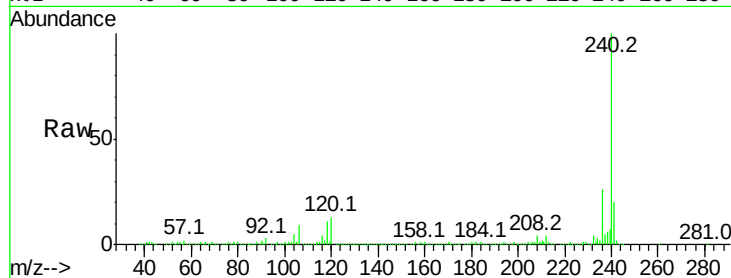
Tot Ion:240 Resp: 424997

Ion Ratio Lower Upper

240 100

120 12.9 12.9 19.3

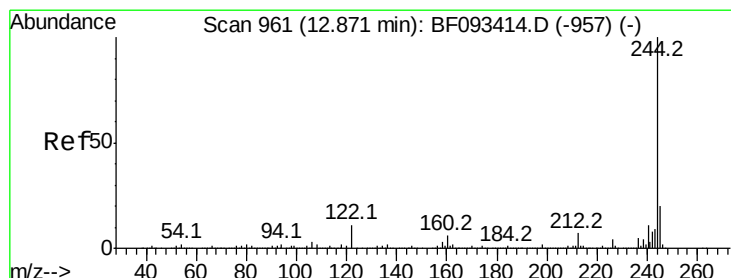
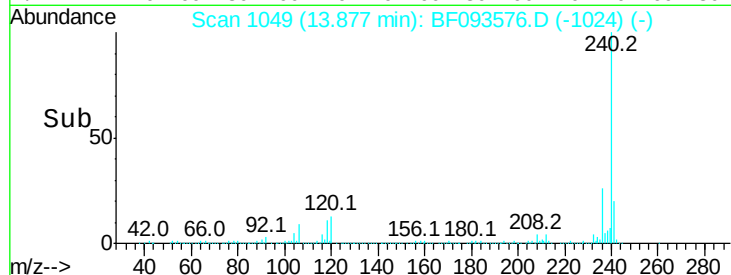
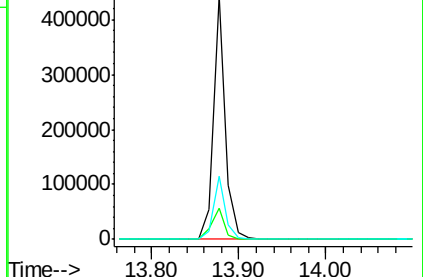
236 25.8 20.9 31.3



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: 82.27 ng

RT: 12.83 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF093576.D

Acq: 11 Mar 2017 19:20

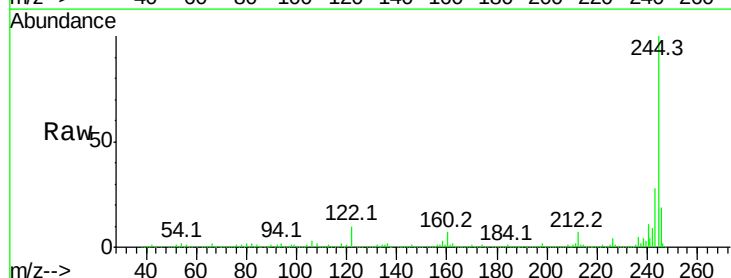
Tgt Ion:244 Resp: 1344820

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

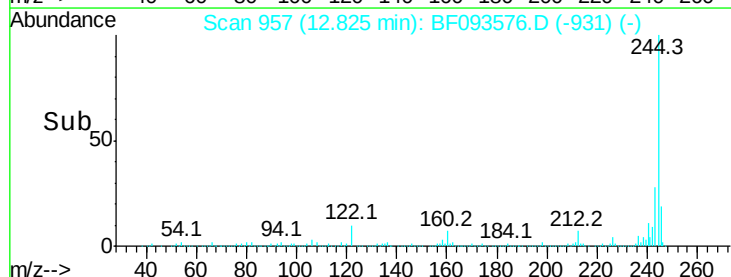
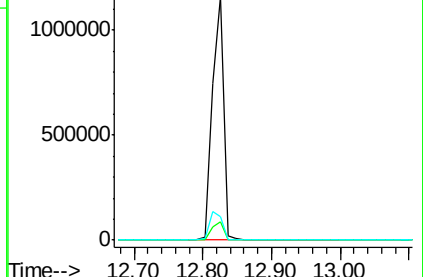
122 9.9 11.4 17.2#

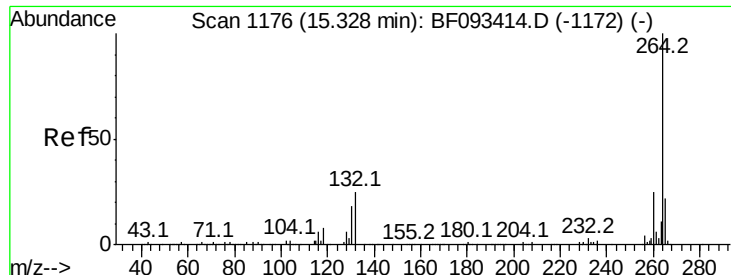


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.27 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF093576.D
Acq: 11 Mar 2017 19:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	21.4	17.4	26.0

