

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
 Data File : BF093488.D
 Acq On : 9 Mar 2017 21:12
 Operator : SJ/MA
 Sample : I2195-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-COMP-0-12FT

Quant Time: Mar 09 23:51:50 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

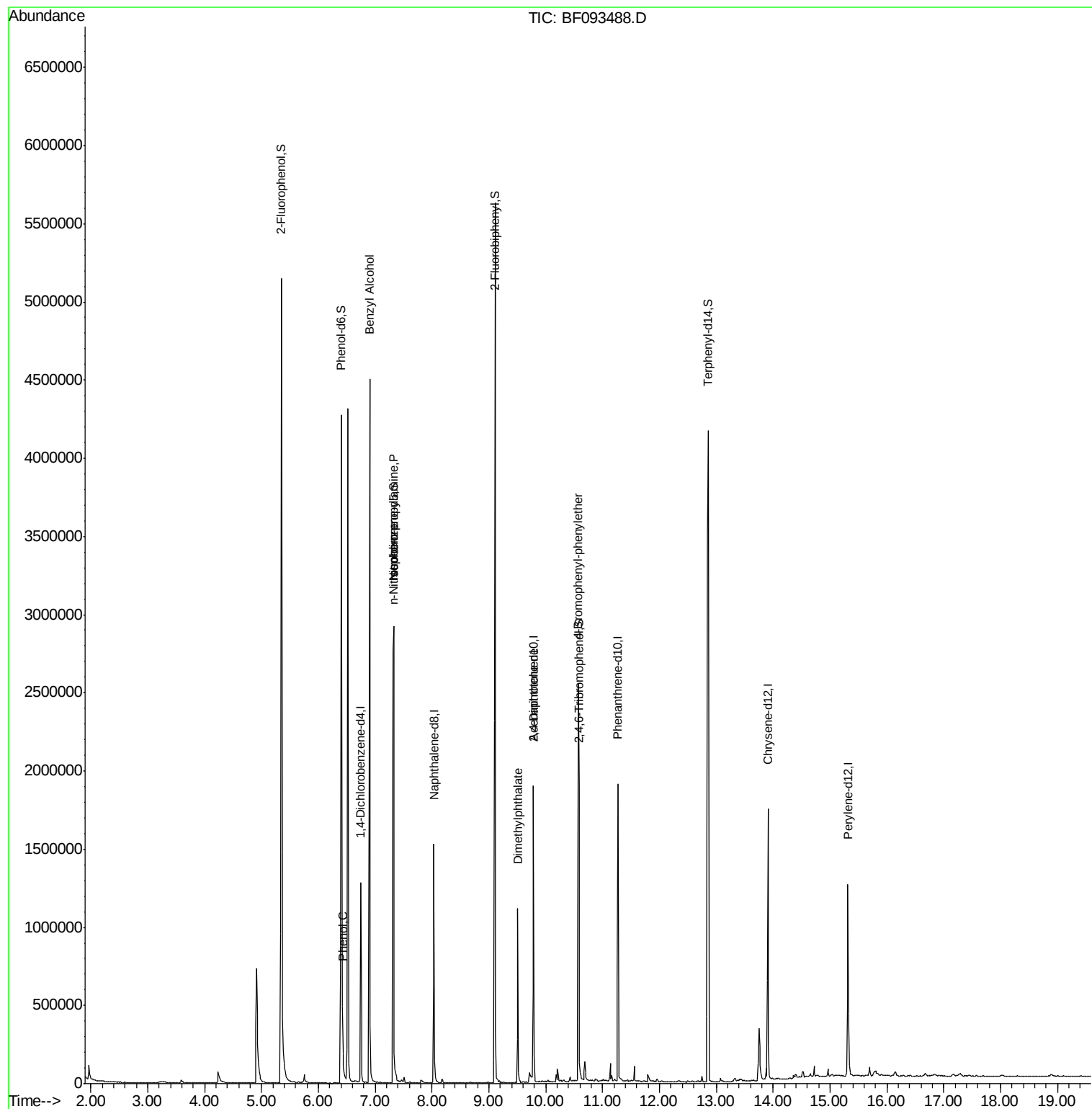
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	199073	20.00	ng	-0.02
21) Naphthalene-d8	8.04	136	787673	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	380700	20.00	ng	-0.02
63) Phenanthrene-d10	11.27	188	728263	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	656654	20.00	ng	-0.01
86) Perylene-d12	15.32	264	527064	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1604130	134.11	ng	0.00
7) Phenol-d6	6.40	99	2256964	149.63	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1468025	103.41	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	423392	170.70	ng	-0.01
44) 2-Fluorobiphenyl	9.11	172	1913735	93.50	ng	-0.02
78) Terphenyl-d14	12.86	244	1830857	72.49	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.41	77	5030	Below Cal	#	1
10) Phenol	6.42	94	132138	7.15	ng	70
15) Benzyl Alcohol	6.90	79	22268	2.07	ng	44
19) n-Nitroso-di-n-propylamine	7.32	70	196768	18.97	ng	84
25) Isophorone	7.33	82	1424385	49.76	ng	65
49) Dimethylphthalate	9.51	163	468741	18.57	ng	99
56) 2,4-Dinitrotoluene	9.78	165	49558	7.28	ng	21
66) 4-Bromophenyl-phenylether	10.57	248	29224	3.79	ng	1

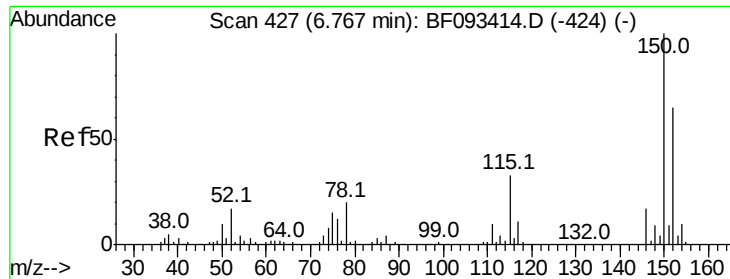
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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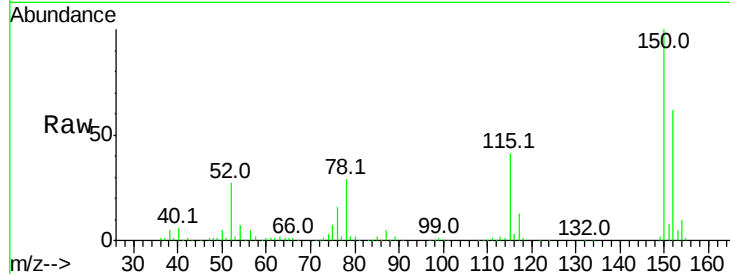


#1

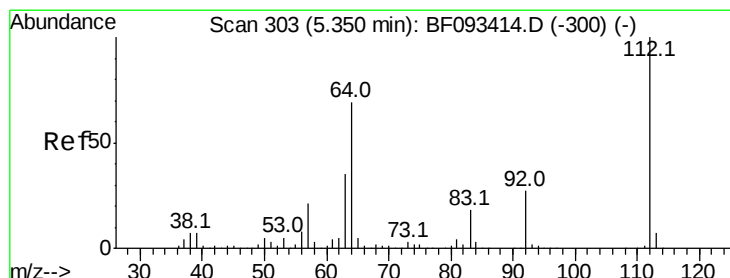
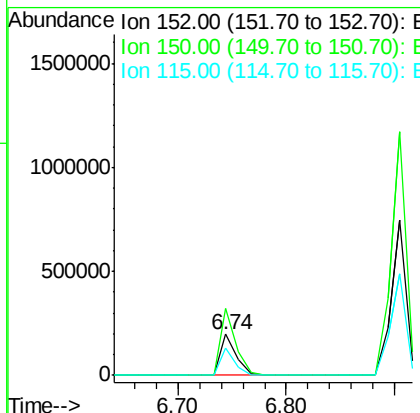
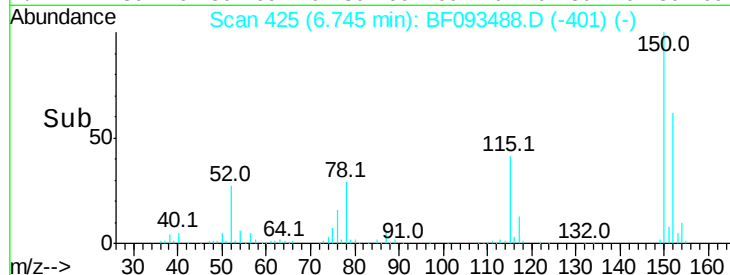
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF093488.D
Acq: 9 Mar 2017 21:12

Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FT

Tot Ion:152 Resp: 199073
Ion Ratio Lower Upper
152 100
150 162.6 124.9 187.3
115 66.5 46.0 69.0



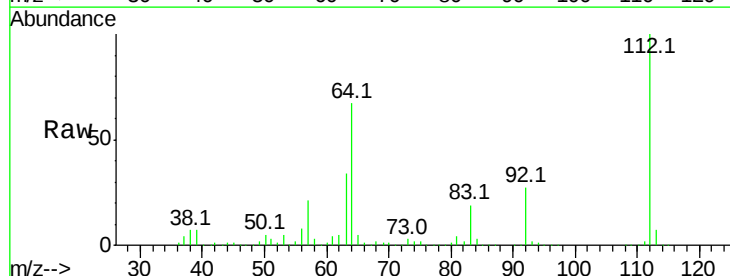
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



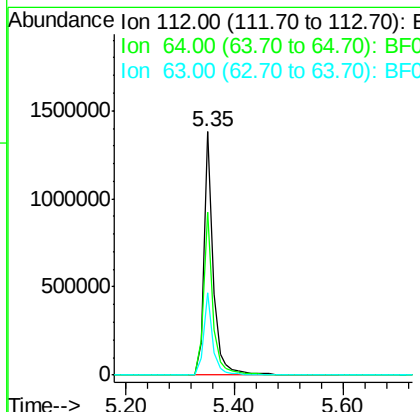
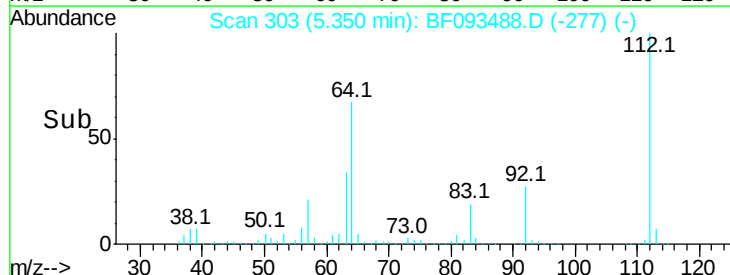
#5

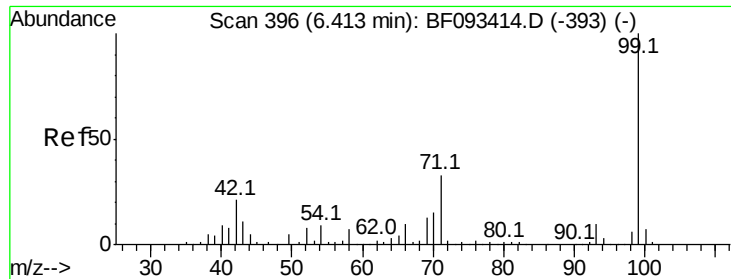
2-Fluorophenol
Concen: 134.11 ng
RT: 5.35 min Scan# 303
Delta R.T. 0.00 min
Lab File: BF093488.D
Acq: 9 Mar 2017 21:12

Tgt Ion:112 Resp: 1604130
Ion Ratio Lower Upper
112 100
64 67.0 46.1 69.1
63 34.0 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: 149.63 ng

RT: 6.40 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF093488.D

Acq: 9 Mar 2017 21:12

Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FT

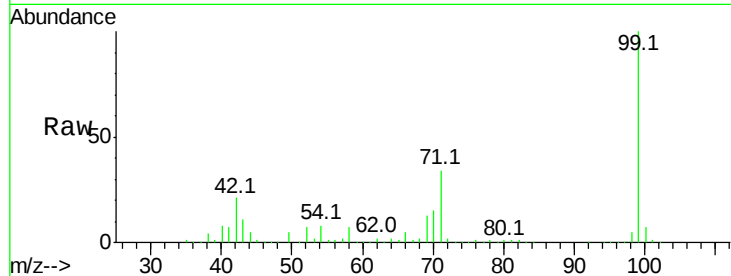
Tot Ion: 99 Resp: 2256964

Ion Ratio Lower Upper

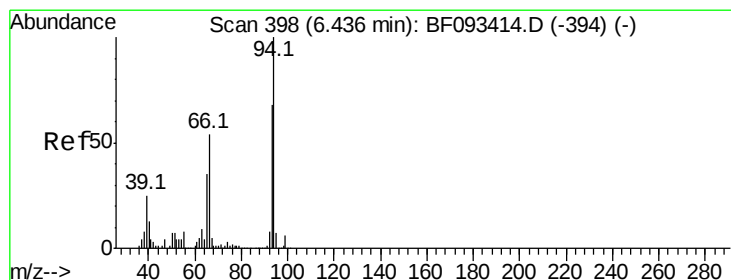
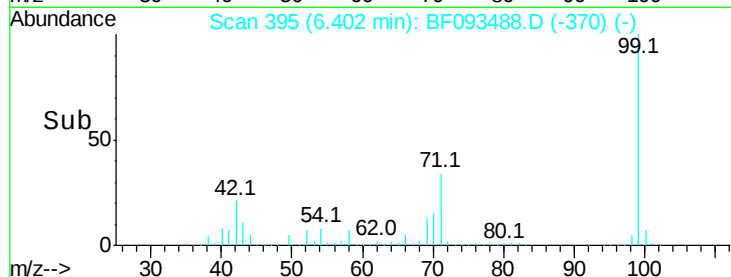
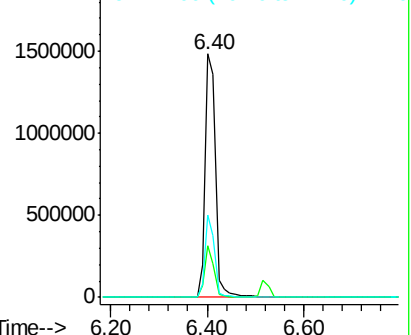
99 100

42 21.1 15.6 23.4

71 33.7 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: 7.15 ng

RT: 6.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF093488.D

Acq: 9 Mar 2017 21:12

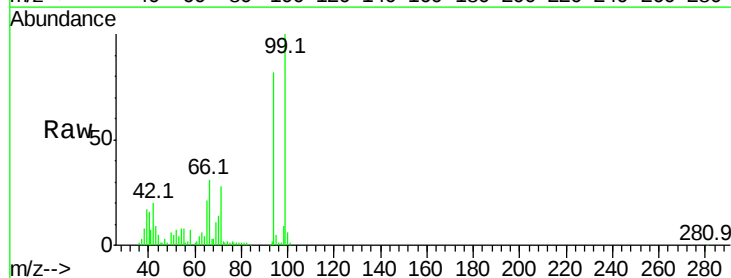
Tgt Ion: 94 Resp: 132138

Ion Ratio Lower Upper

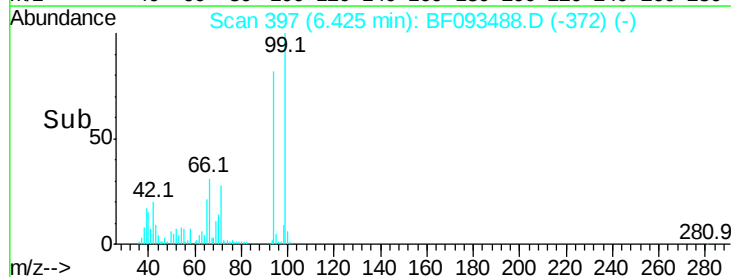
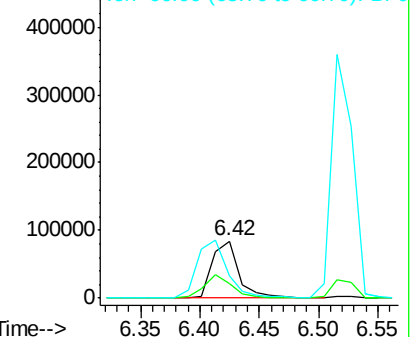
94 100

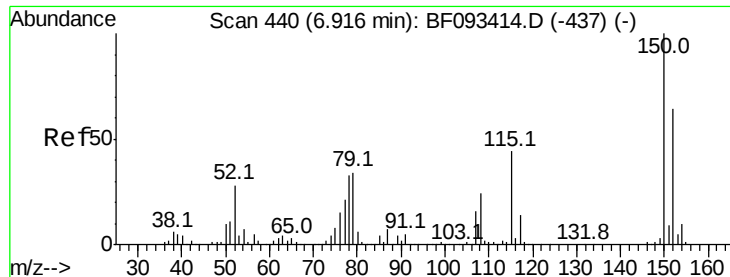
65 25.6 21.4 61.4

66 38.1 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

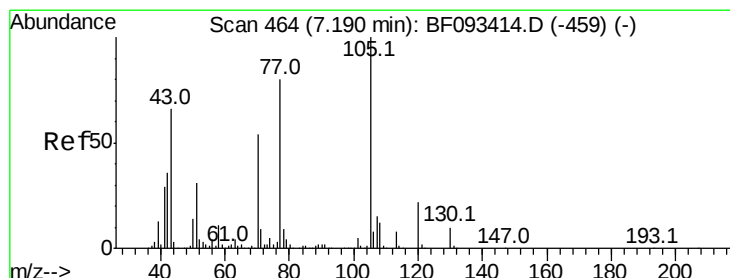
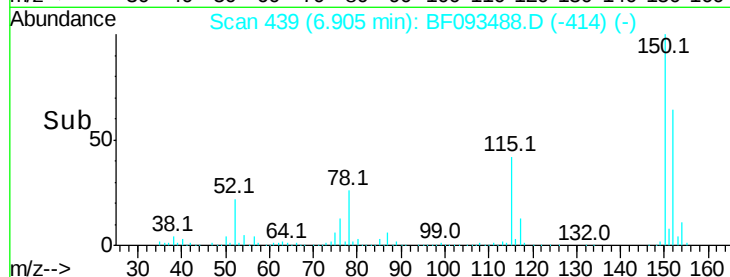
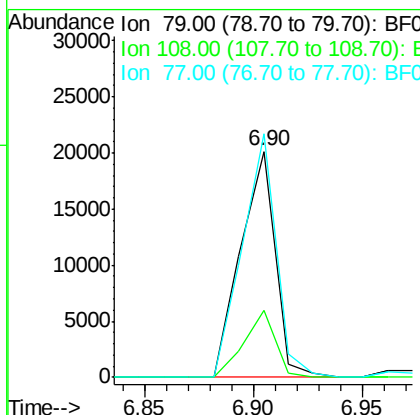
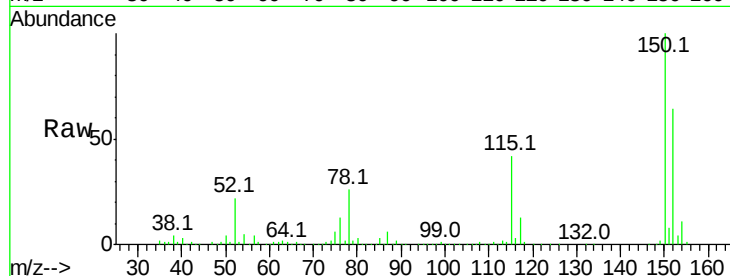




#15
Benzyl Alcohol
Concen: 2.07 ng
RT: 6.90 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF093488.D
Acq: 9 Mar 2017 21:12

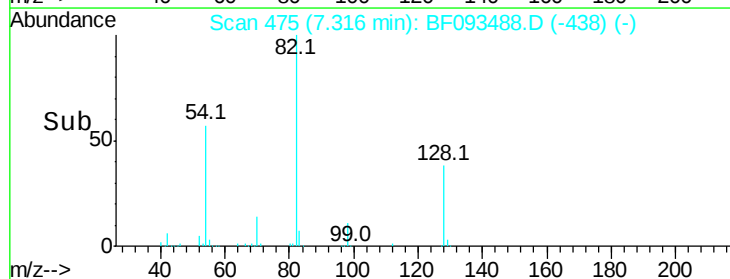
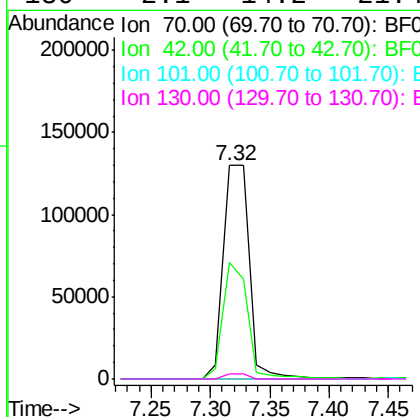
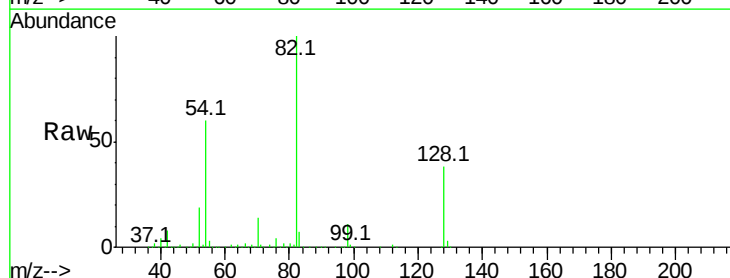
Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FT

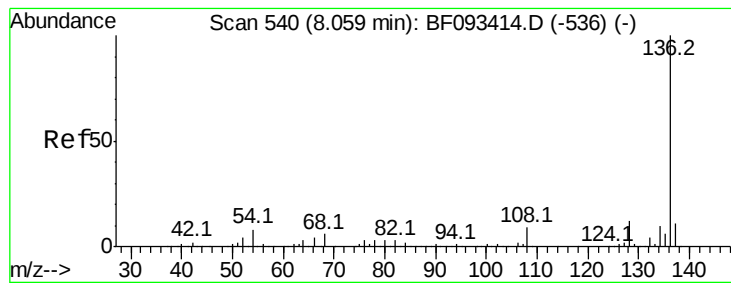
Tot Ion: 79 Resp: 22268
Ion Ratio Lower Upper
79 100
108 29.7 61.4 92.0#
77 107.8 50.9 76.3#



#19
n-Nitroso-di-n-propylamine
Concen: 18.97 ng
RT: 7.32 min Scan# 475
Delta R.T. 0.13 min
Lab File: BF093488.D
Acq: 9 Mar 2017 21:12

Tgt Ion: 70 Resp: 196768
Ion Ratio Lower Upper
70 100
42 54.8 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: 8.04 min Scan# 538

Delta R.T. -0.02 min

Lab File: BF093488.D

Acq: 9 Mar 2017 21:12

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP-0-12FT

Tot Ion:136 Resp: 787673

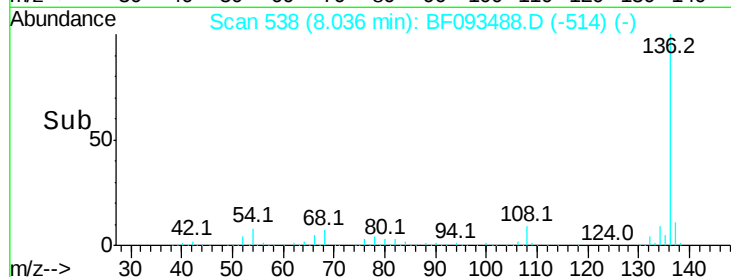
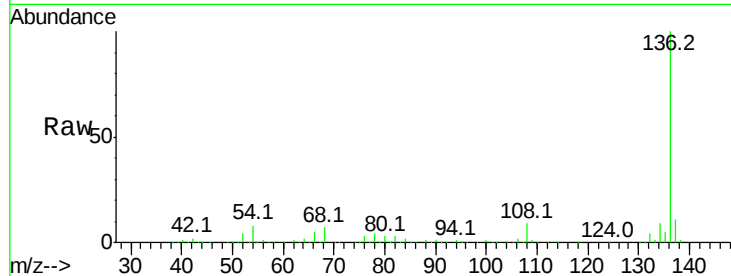
Ion Ratio Lower Upper

136 100

137 10.7 8.4 12.6

54 8.5 4.5 6.7#

68 6.6 3.6 5.4#

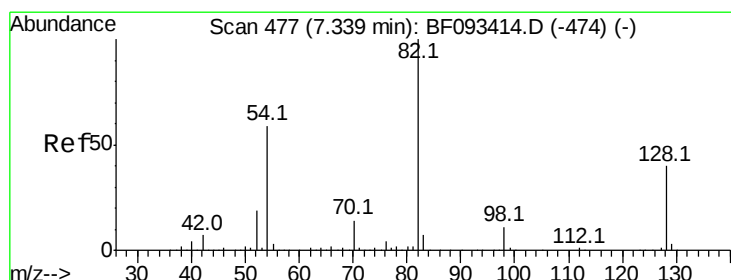
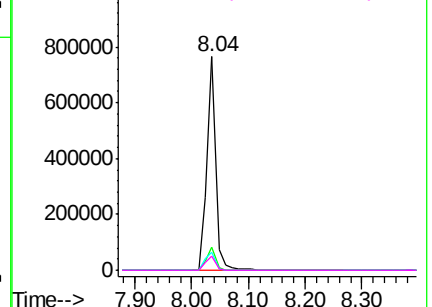


Abundance Ion 136.00 (135.70 to 136.70): E

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: 103.41 ng

RT: 7.33 min Scan# 476

Delta R.T. -0.01 min

Lab File: BF093488.D

Acq: 9 Mar 2017 21:12

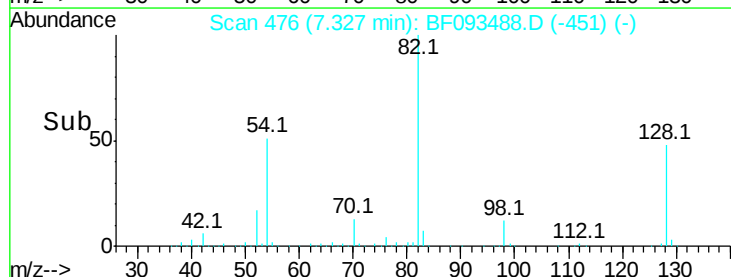
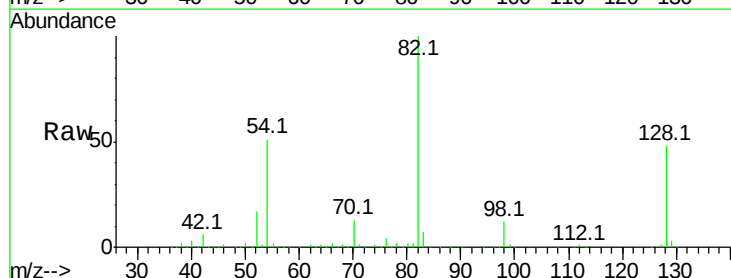
Tgt Ion: 82 Resp: 1468025

Ion Ratio Lower Upper

82 100

128 48.3 34.6 52.0

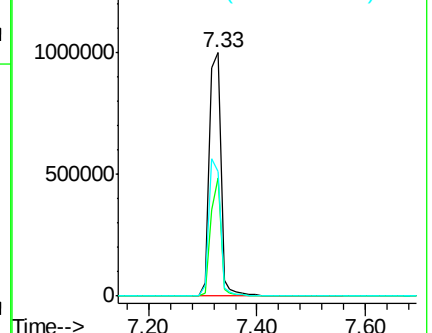
54 51.1 39.5 59.3

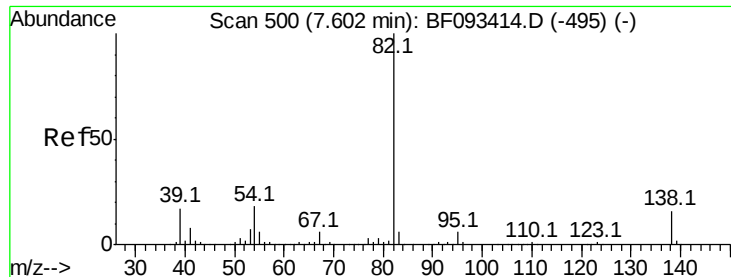


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 49.76 ng

RT: 7.33 min Scan# 476

Delta R.T. -0.27 min

Lab File: BF093488.D

Acq: 9 Mar 2017 21:12

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP-0-12FT

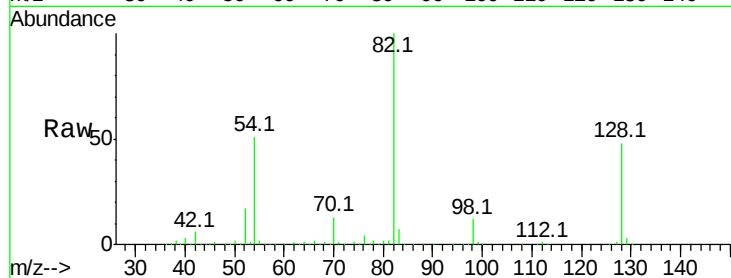
Tot Ion: 82 Resp: 1424385

Ion Ratio Lower Upper

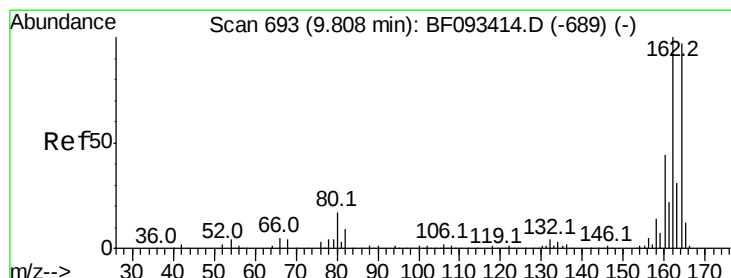
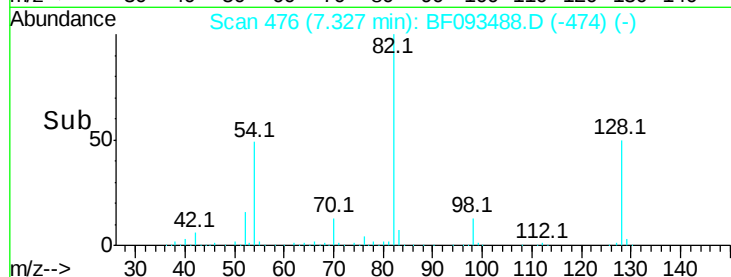
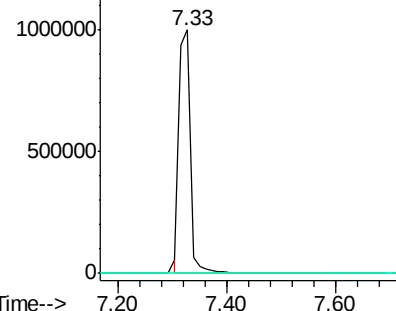
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 691

Delta R.T. -0.02 min

Lab File: BF093488.D

Acq: 9 Mar 2017 21:12

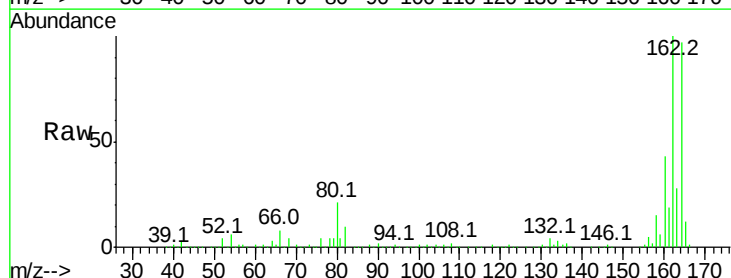
Tgt Ion:164 Resp: 380700

Ion Ratio Lower Upper

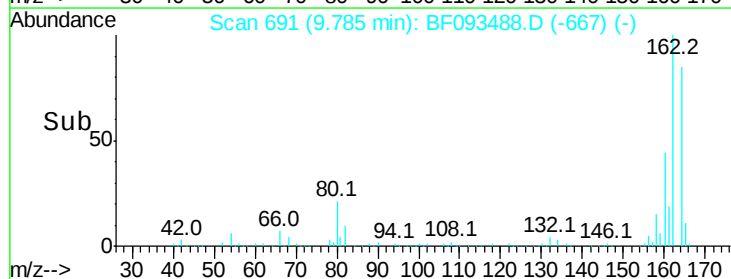
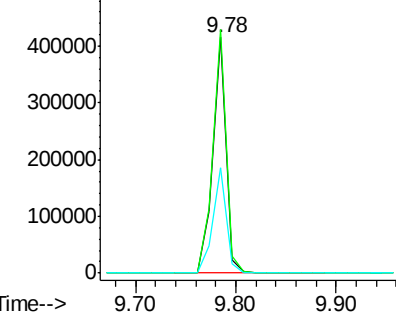
164 100

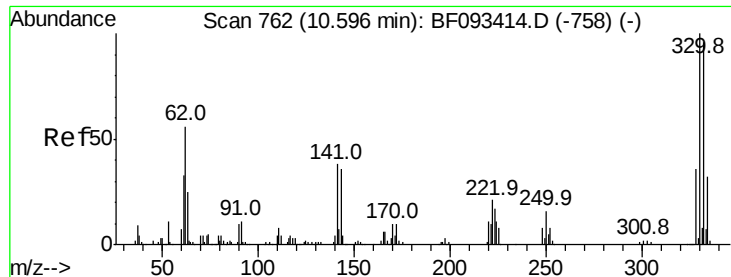
162 103.5 80.2 120.2

160 44.9 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

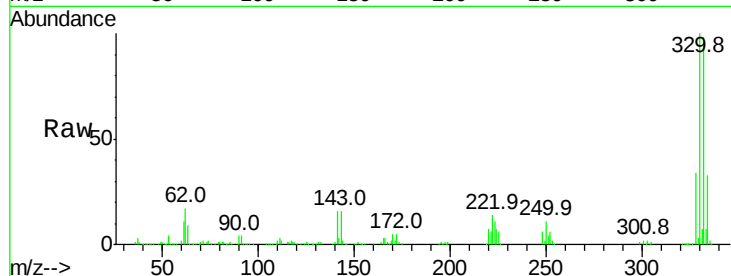




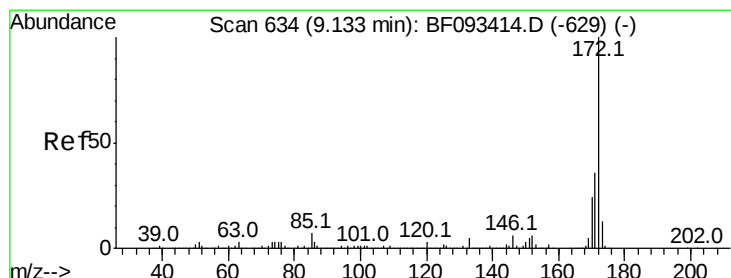
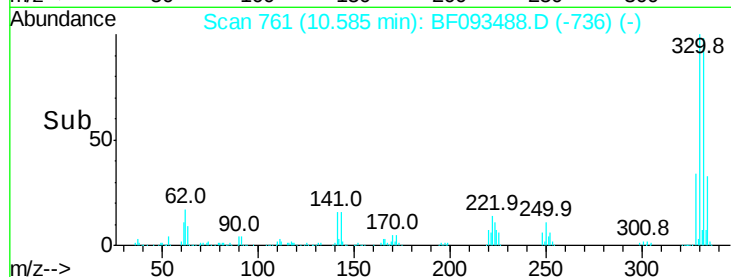
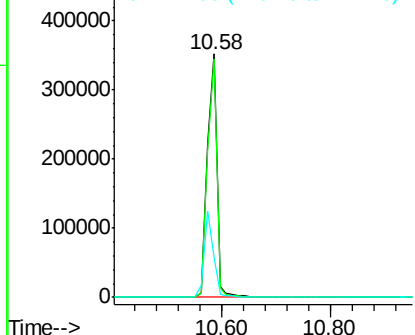
#41
 2,4,6-Tribromophenol
 Concen: 170.70 ng
 RT: 10.58 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF093488.D
 Acq: 9 Mar 2017 21:12

Instrument :
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 TP-9-COMP-0-12FT

Tot Ion:330 Resp: 423392
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.4 116.2
 141 34.4 34.1 51.1

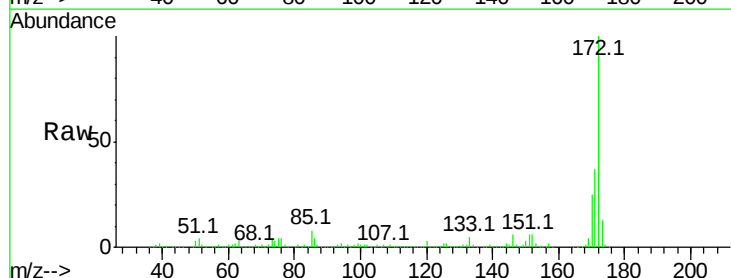


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

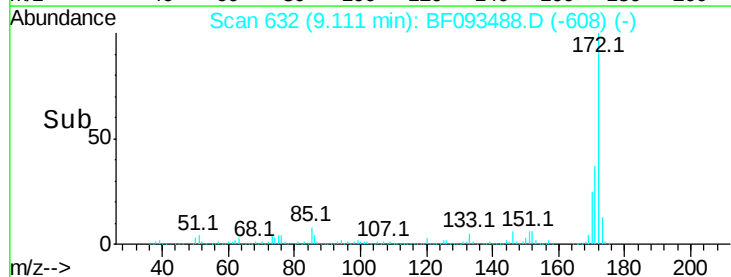
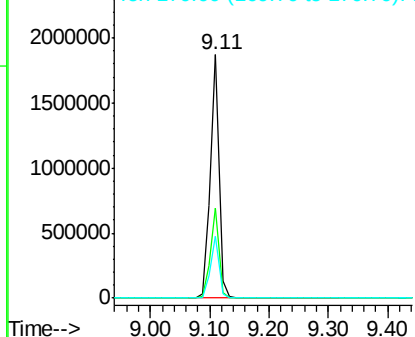


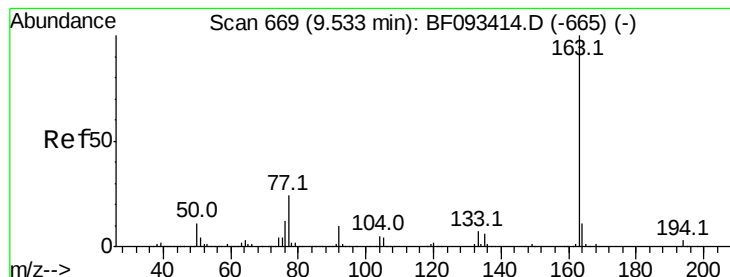
#44
 2-Fluorobiphenyl
 Concen: 93.50 ng
 RT: 9.11 min Scan# 632
 Delta R.T. -0.02 min
 Lab File: BF093488.D
 Acq: 9 Mar 2017 21:12

Tgt Ion:172 Resp: 1913735
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.4 44.0
 170 25.1 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: 18.57 ng

RT: 9.51 min Scan# 667

Delta R.T. -0.02 min

Lab File: BF093488.D

Acq: 9 Mar 2017 21:12

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP-0-12FT

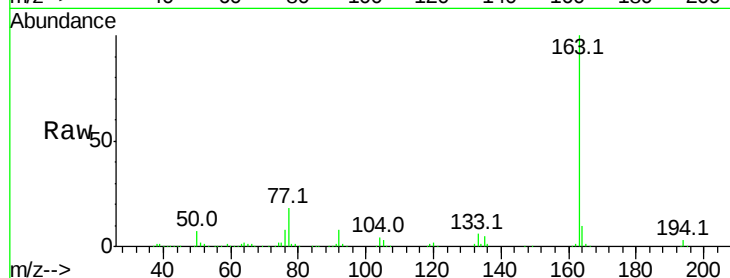
Tot Ion:163 Resp: 468741

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

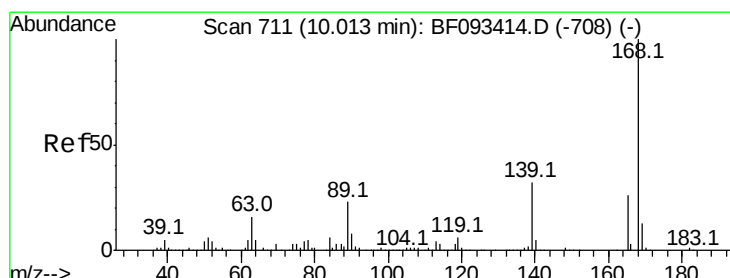
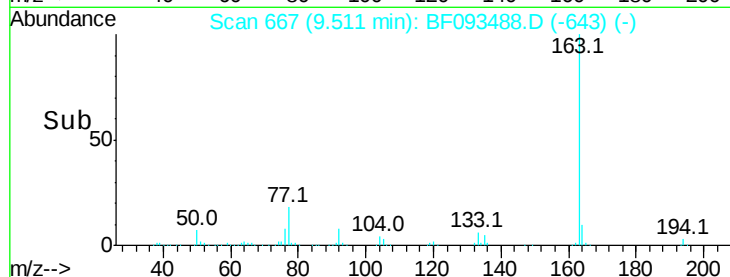
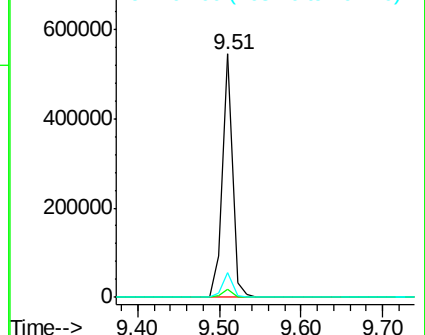
164 10.2 8.0 12.0



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: 7.28 ng

RT: 9.78 min Scan# 691

Delta R.T. -0.23 min

Lab File: BF093488.D

Acq: 9 Mar 2017 21:12

Tgt Ion:165 Resp: 49558

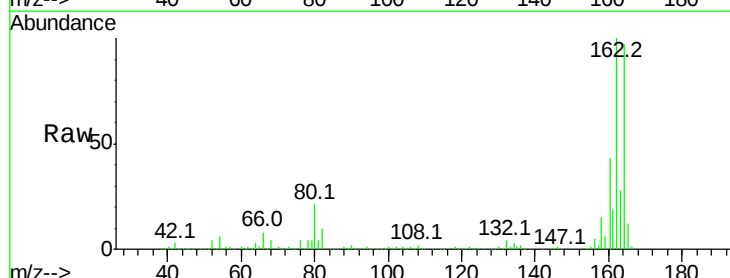
Ion Ratio Lower Upper

165 100

63 1.8 40.2 60.4#

89 1.9 62.5 93.7#

182 0.0 1.8 2.8#

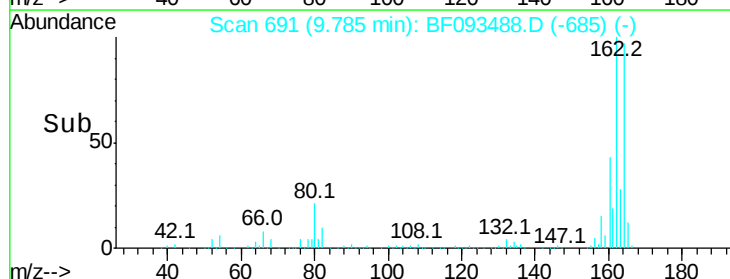
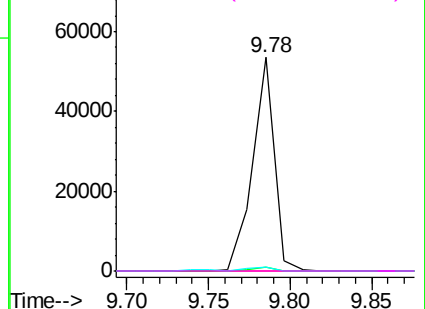


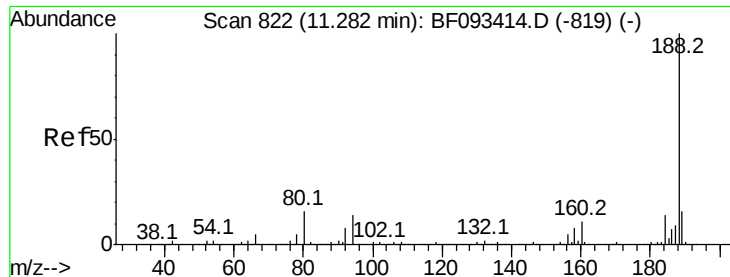
Abundance Ion 165.00 (164.70 to 165.70): E

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

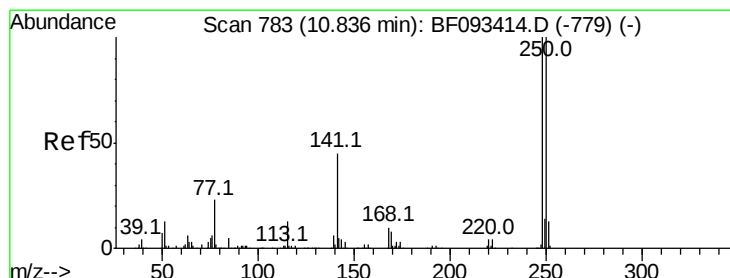
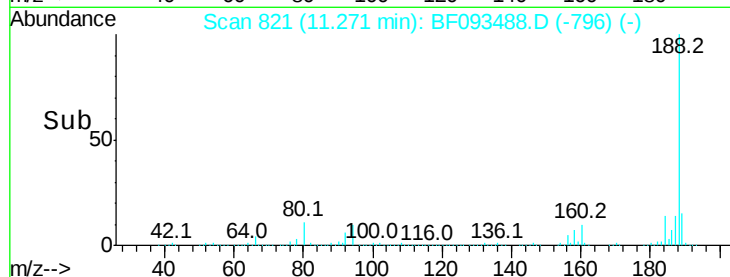
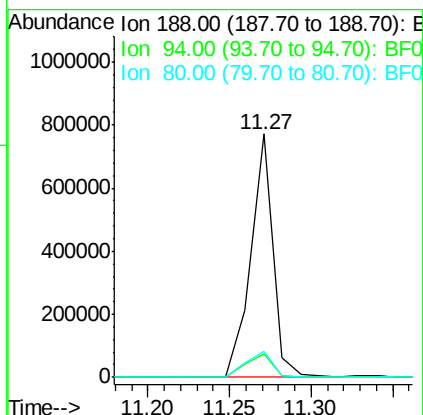
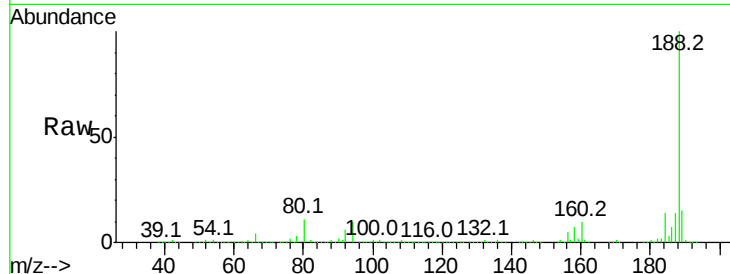




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF093488.D
Acq: 9 Mar 2017 21:12

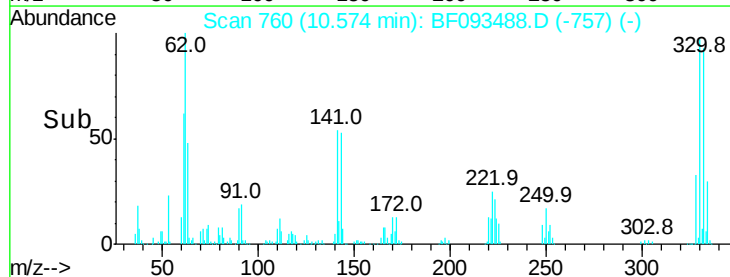
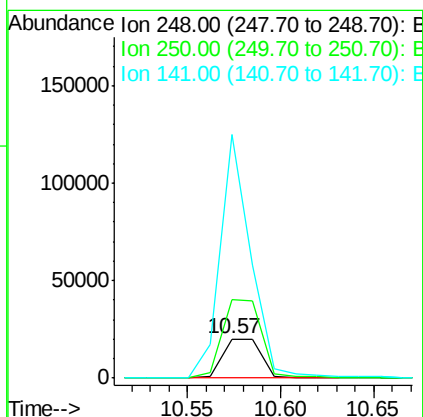
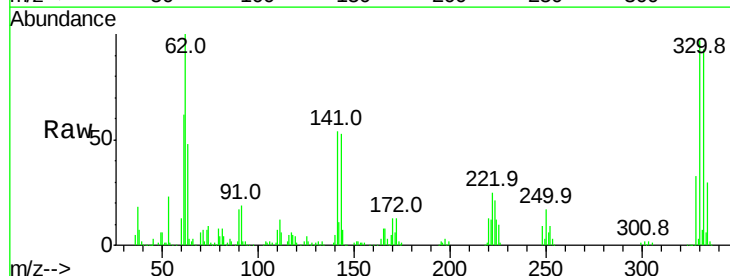
Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FT

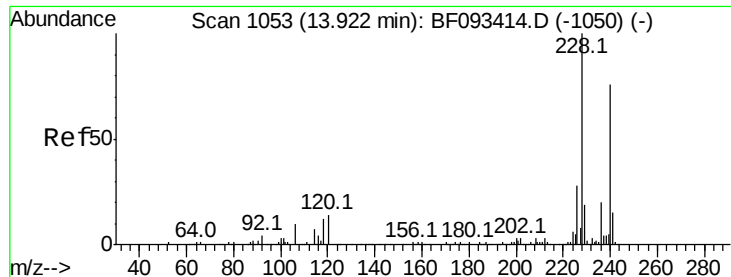
Tot Ion:188 Resp: 728263
Ion Ratio Lower Upper
188 100
94 9.8 10.0 15.0#
80 10.5 11.2 16.8#



#66
4-Bromophenyl-phenylether
Concen: 3.79 ng
RT: 10.57 min Scan# 760
Delta R.T. -0.26 min
Lab File: BF093488.D
Acq: 9 Mar 2017 21:12

Tgt Ion:248 Resp: 29224
Ion Ratio Lower Upper
248 100
250 198.8 76.9 115.3#
141 620.1 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: BF093488.D

Acq: 9 Mar 2017 21:12

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP-0-12FT

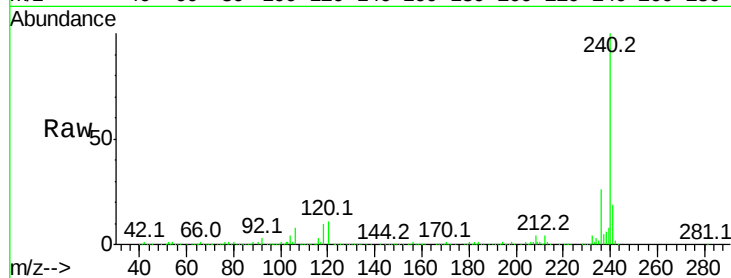
Tot Ion:240 Resp: 656654

Ion Ratio Lower Upper

240 100

120 11.2 12.9 19.3#

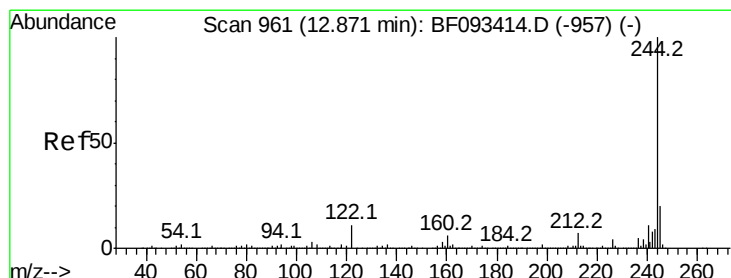
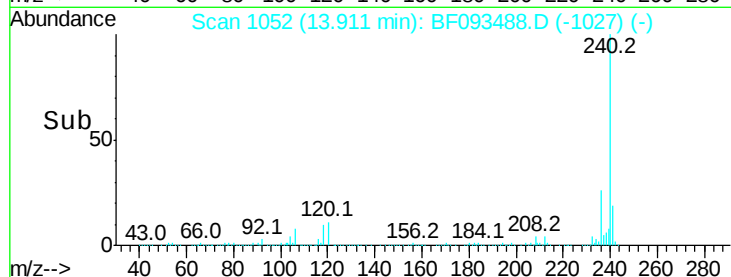
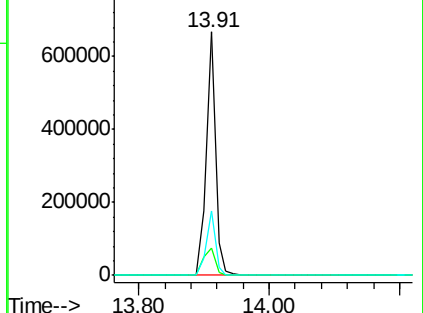
236 26.4 20.9 31.3



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: 72.49 ng

RT: 12.86 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF093488.D

Acq: 9 Mar 2017 21:12

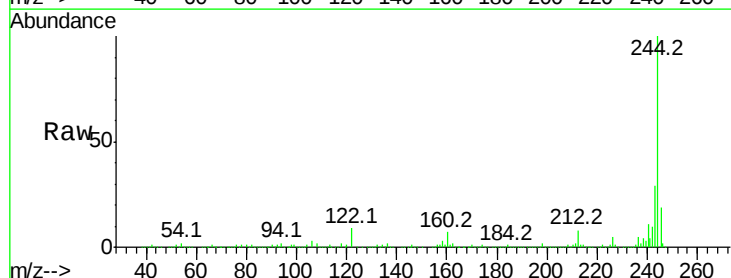
Tgt Ion:244 Resp: 1830857

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

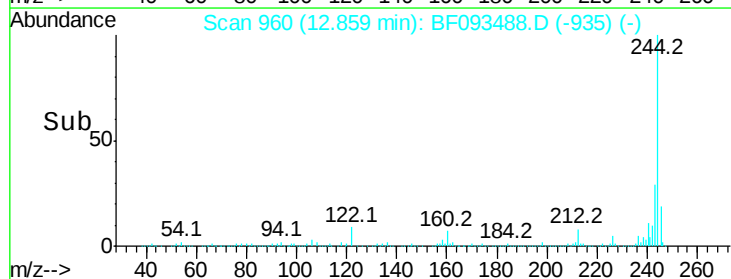
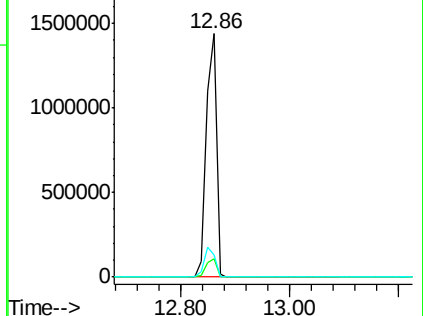
122 9.2 11.4 17.2#

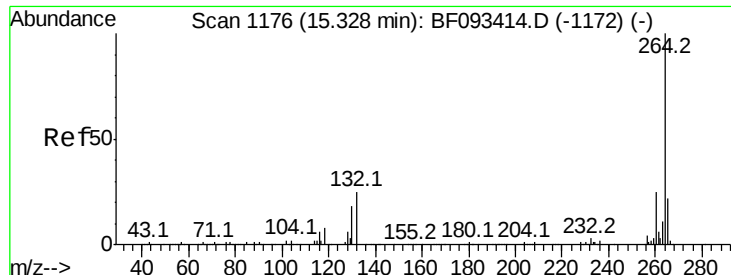


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

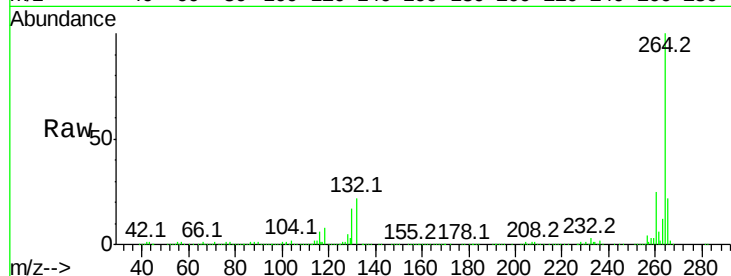




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF093488.D
 Acq: 9 Mar 2017 21:12

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-COMP-0-12FT

Tot Ion: 264 Resp: 527064
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.2 28.8
 265 21.7 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

