

Data Path : Z:\HPCHEM1\BNA F\Data\BF031117\
 Data File : BF093571.D
 Acq On : 11 Mar 2017 17:04
 Operator : SJ/MA
 Sample : I2198-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 15:45:18 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

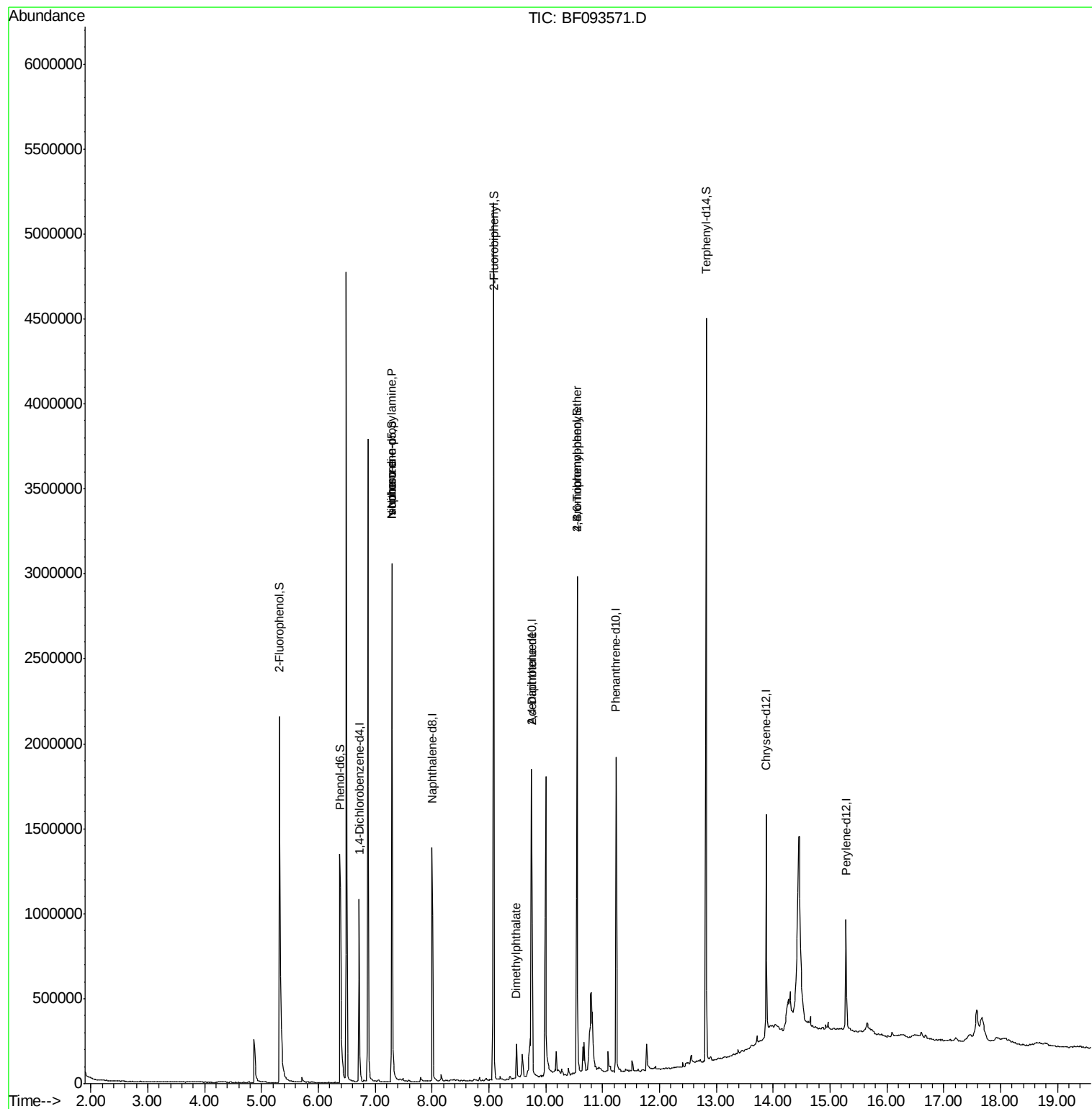
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	201429	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	812772	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	387168	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	685464	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	486643	20.00	ng	-0.01
86) Perylene-d12	15.28	264	344355	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	960086	79.33	ng	0.00
7) Phenol-d6	6.38	99	821038	53.80	ng	0.00
23) Nitrobenzene-d5	7.29	82	1325320	90.47	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	325639	129.10	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	2097189	100.75	ng	0.00
78) Terphenyl-d14	12.82	244	1466510	78.35	ng	0.00
Target Compounds						
9) Benzaldehyde	6.38	77	1806	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.29	70	180820	17.23	ng	# 84
25) Isophorone	7.29	82	1325697	44.88	ng	# 65
49) Dimethylphthalate	9.49	163	81100	3.16	ng	99
56) 2,4-Dinitrotoluene	9.75	165	48050	6.94	ng	# 21
66) 4-Bromophenyl-phenylether	10.55	248	24001	3.31	ng	# 1

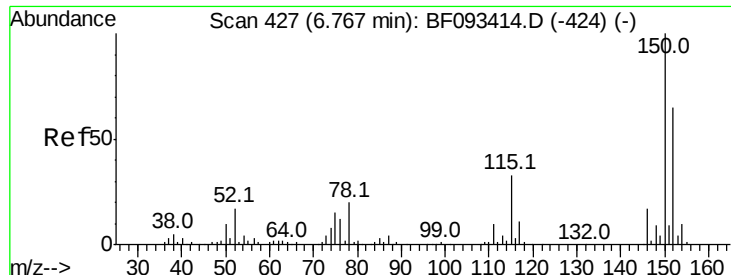
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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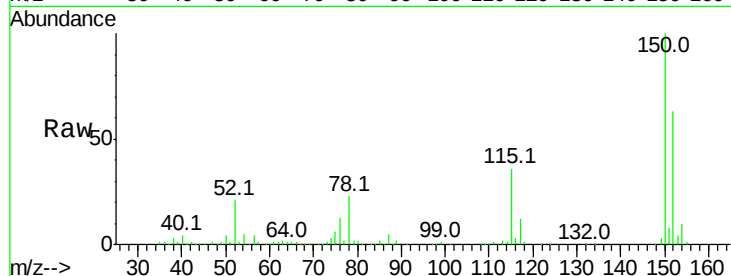


#1

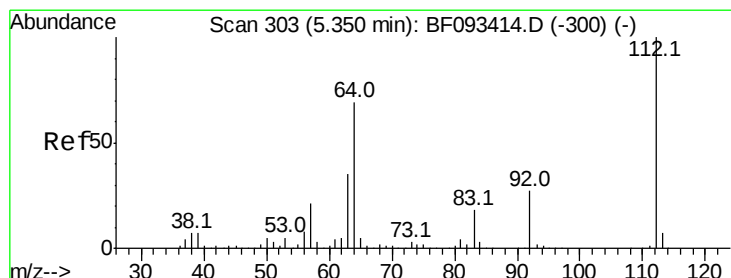
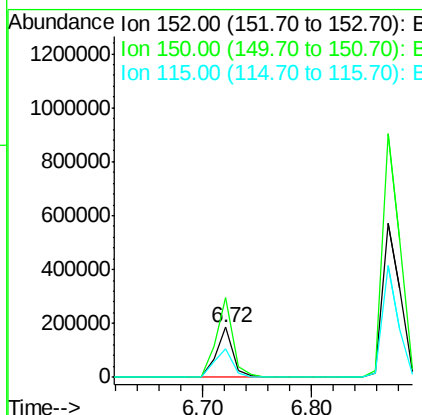
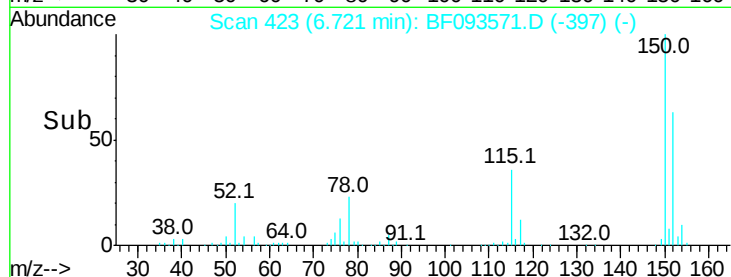
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 423
Delta R.T. -0.00 min
Lab File: BF093571.D
Acq: 11 Mar 2017 17:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 201429
Ion Ratio Lower Upper
152 100
150 158.2 124.9 187.3
115 56.2 46.0 69.0



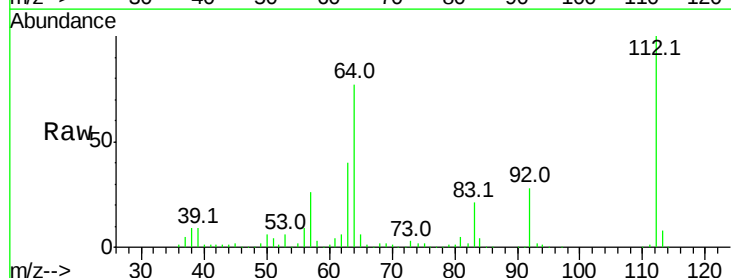
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



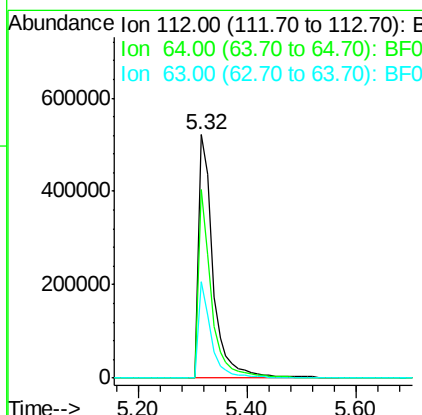
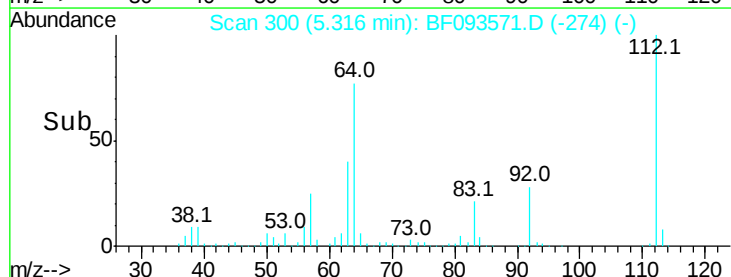
#5

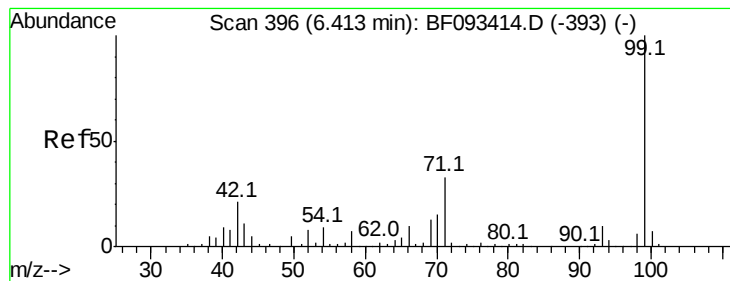
2-Fluorophenol
Concen: 79.33 ng
RT: 5.32 min Scan# 300
Delta R.T. -0.00 min
Lab File: BF093571.D
Acq: 11 Mar 2017 17:04

Tgt Ion:112 Resp: 960086
Ion Ratio Lower Upper
112 100
64 77.4 46.1 69.1#
63 39.8 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: 53.80 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF093571.D

Acq: 11 Mar 2017 17:04

Instrument :

BNA_F

ClientSampled :

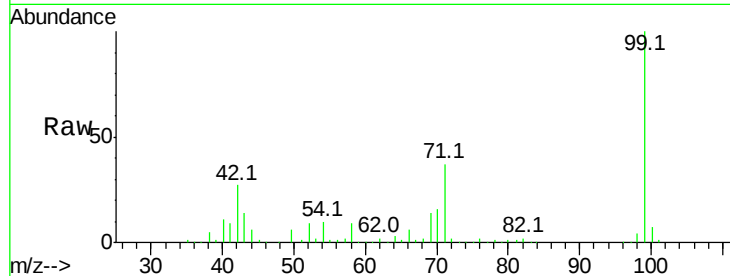
Tot Ion: 99 Resp: 821038

Ion Ratio Lower Upper

99 100

42 26.9 15.6 23.4#

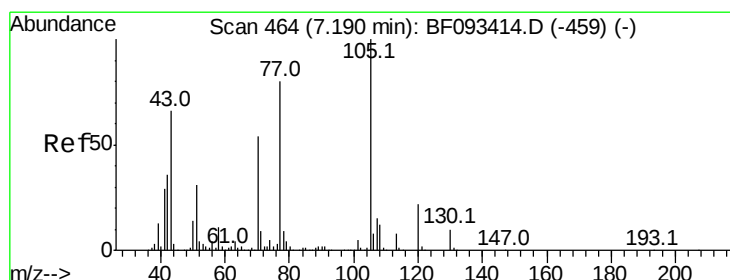
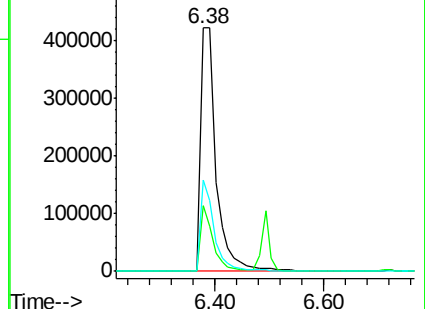
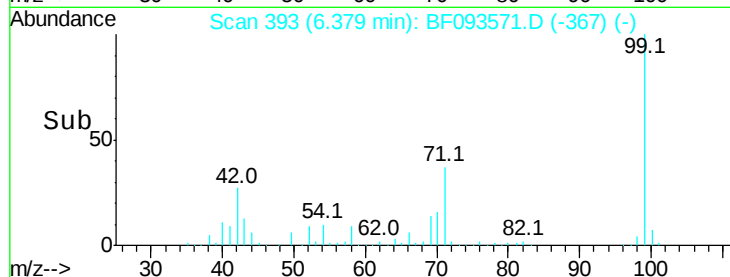
71 37.4 27.5 41.3



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: 17.23 ng

RT: 7.29 min Scan# 473

Delta R.T. 0.15 min

Lab File: BF093571.D

Acq: 11 Mar 2017 17:04

Tgt Ion: 70 Resp: 180820

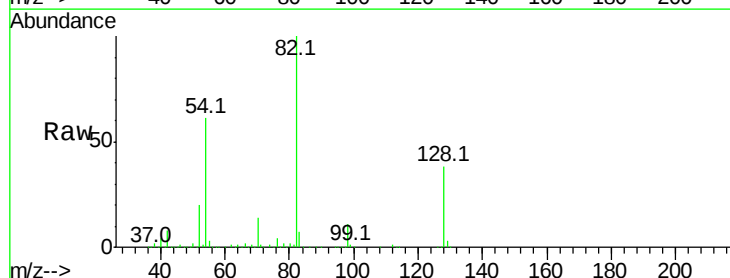
Ion Ratio Lower Upper

70 100

42 54.5 49.4 74.0

101 0.0 7.4 11.2#

130 2.0 14.2 21.4#

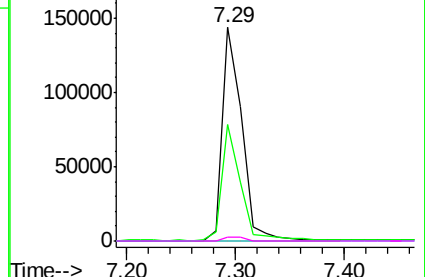
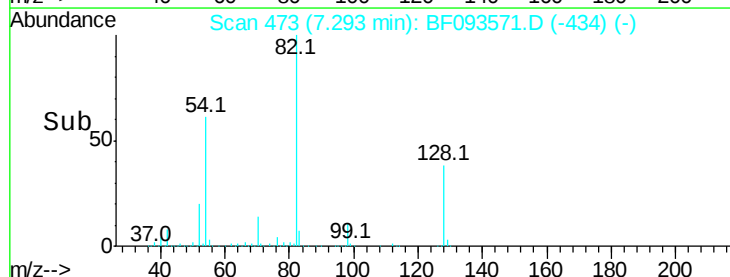


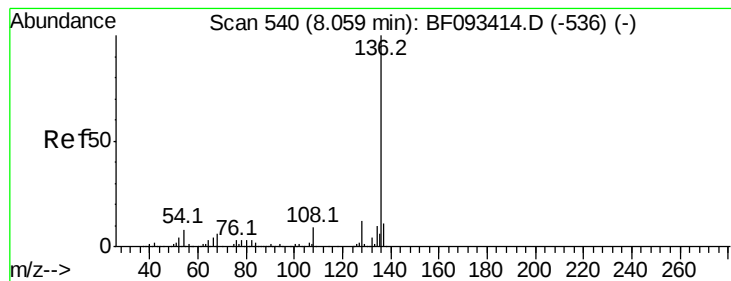
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.00 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF093571.D

Acq: 11 Mar 2017 17:04

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 812772

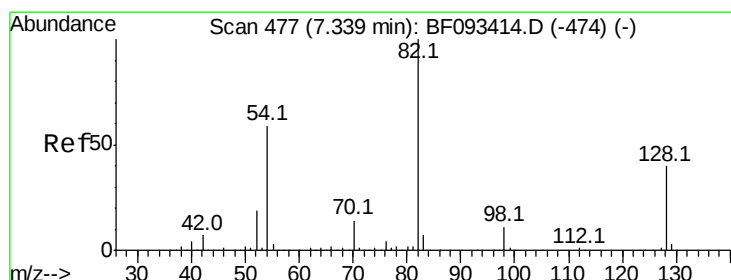
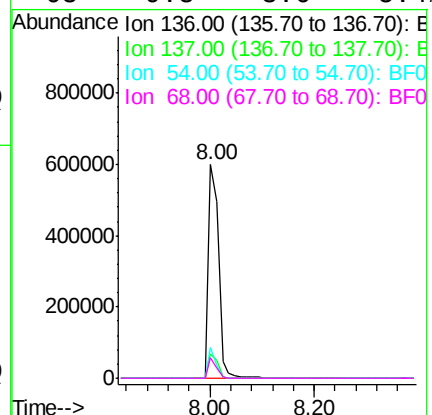
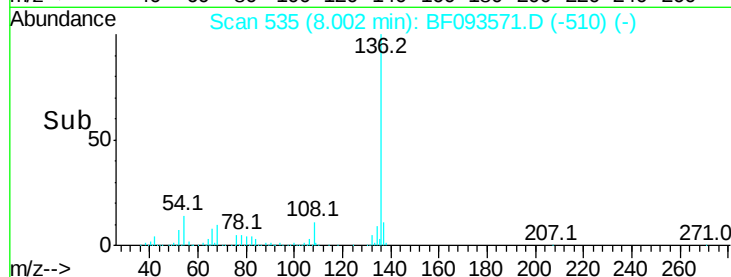
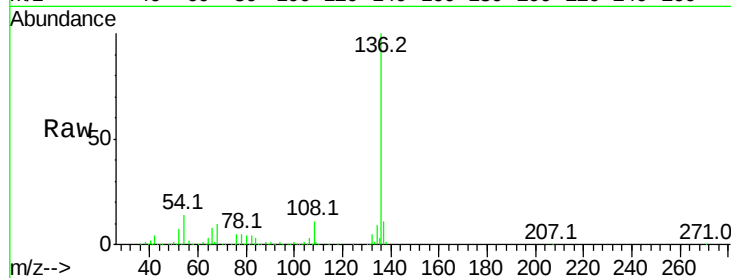
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 14.2 4.5 6.7#

68 9.8 3.6 5.4#



#23

Nitrobenzene-d5

Concen: 90.47 ng

RT: 7.29 min Scan# 473

Delta R.T. -0.01 min

Lab File: BF093571.D

Acq: 11 Mar 2017 17:04

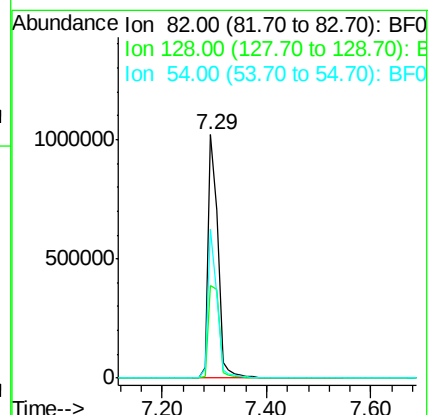
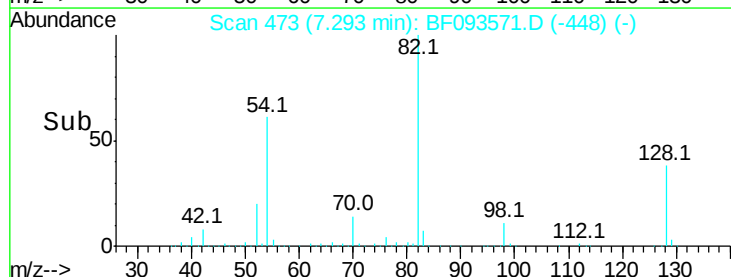
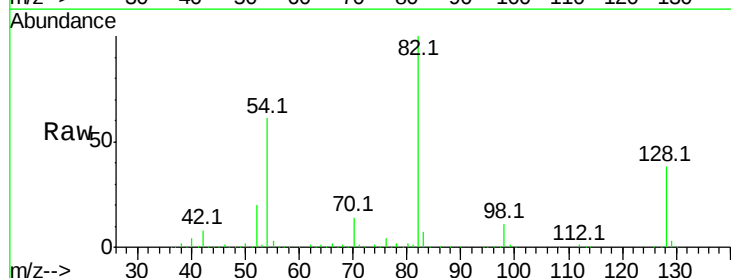
Tgt Ion: 82 Resp: 1325320

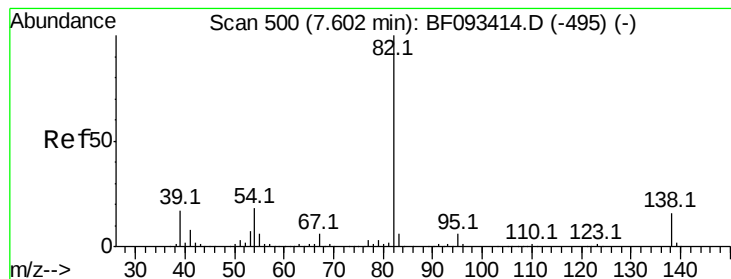
Ion Ratio Lower Upper

82 100

128 38.1 34.6 52.0

54 61.1 39.5 59.3#





#25

Isophorone

Concen: 44.88 ng

RT: 7.29 min Scan# 473

Delta R.T. -0.26 min

Lab File: BF093571.D

Acq: 11 Mar 2017 17:04

Instrument :

BNA_F

ClientSampleId :

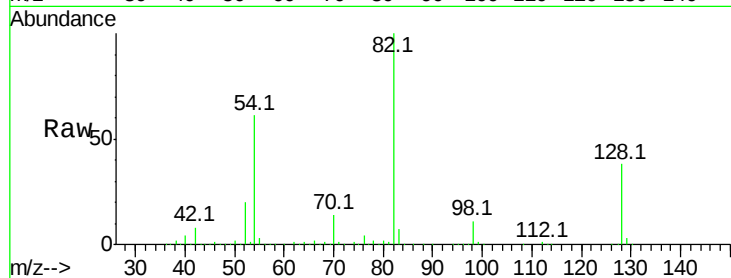
Tot Ion: 82 Resp: 1325697

Ion Ratio Lower Upper

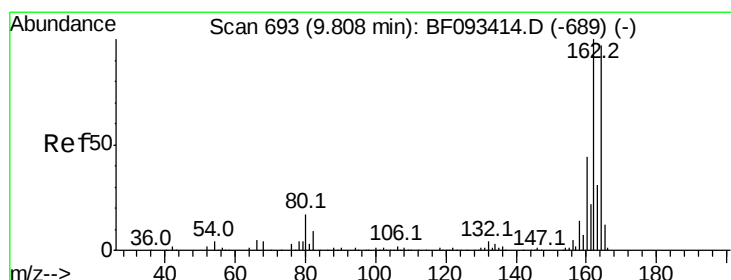
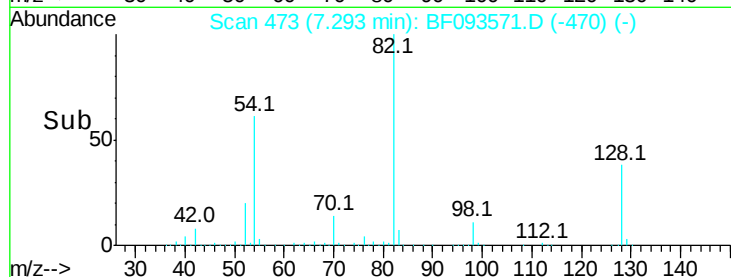
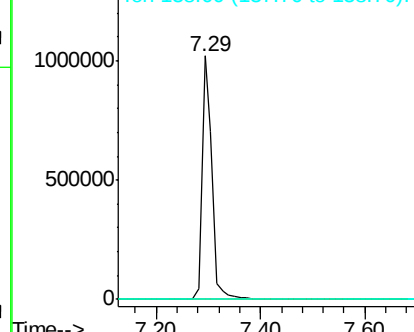
82 100

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: 9.75 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF093571.D

Acq: 11 Mar 2017 17:04

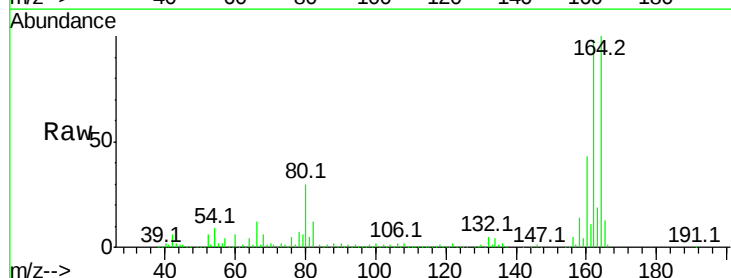
Tgt Ion:164 Resp: 387168

Ion Ratio Lower Upper

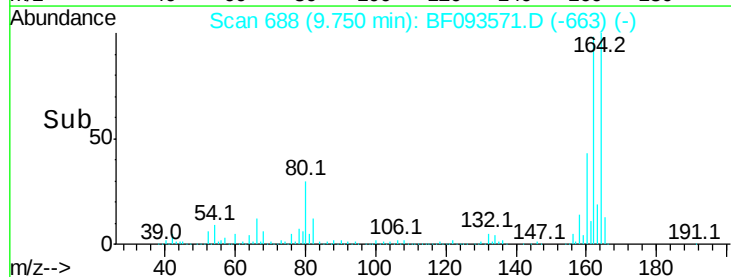
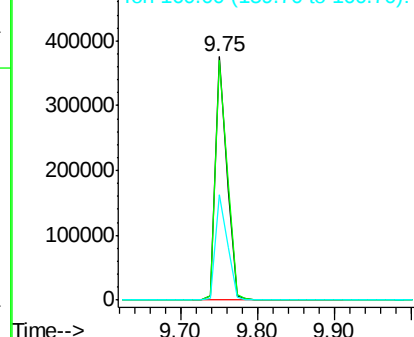
164 100

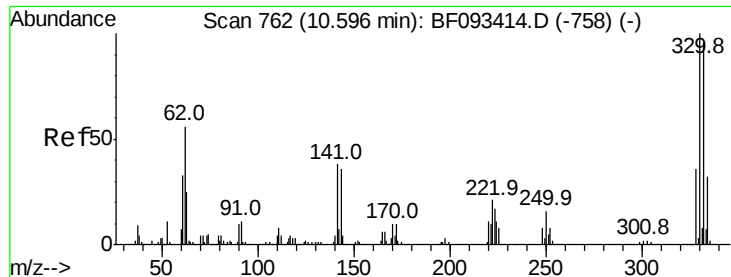
162 98.4 80.2 120.2

160 43.1 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

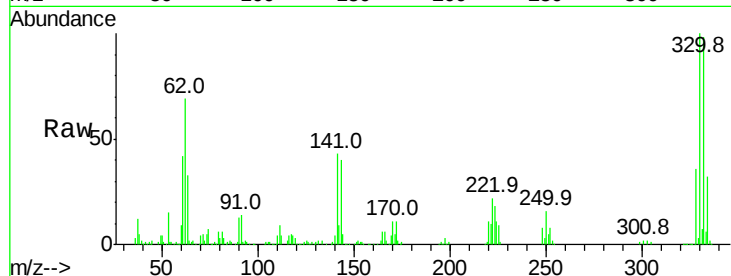




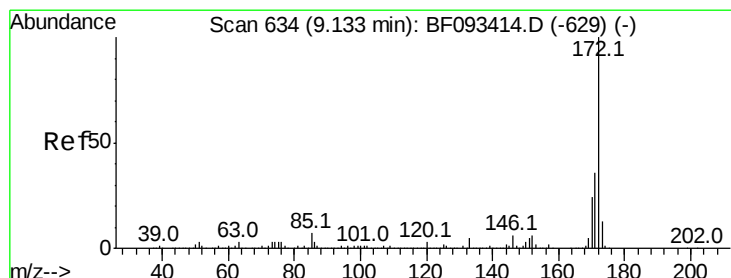
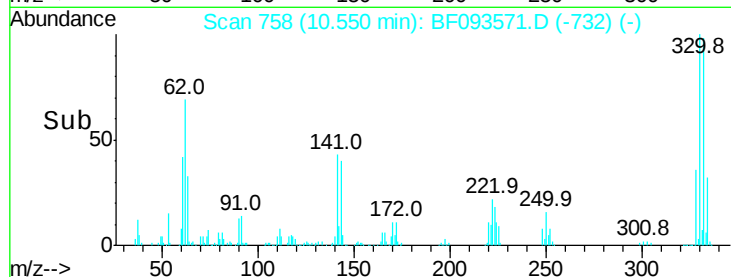
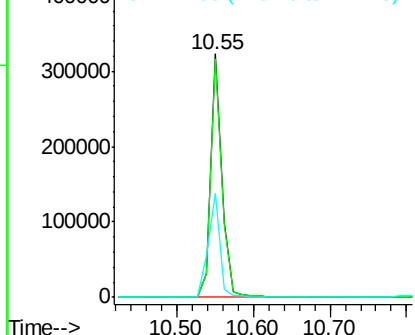
#41
 2,4,6-Tribromophenol
 Concen: 129.10 ng
 RT: 10.55 min Scan# 758
 Delta R.T. -0.00 min
 Lab File: BF093571.D
 Acq: 11 Mar 2017 17:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 325639
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.4 116.2
 141 45.0 34.1 51.1

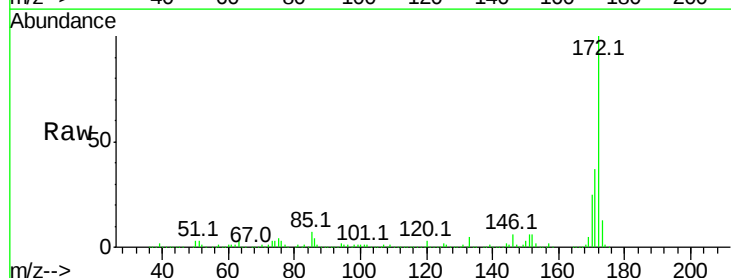


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

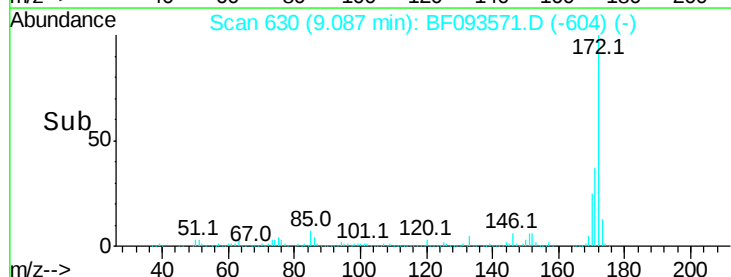
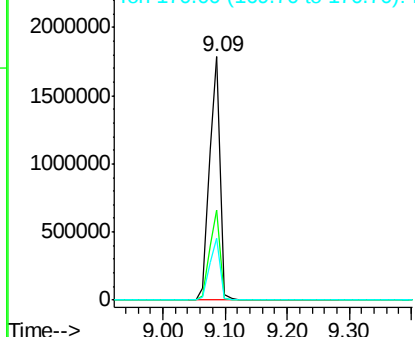


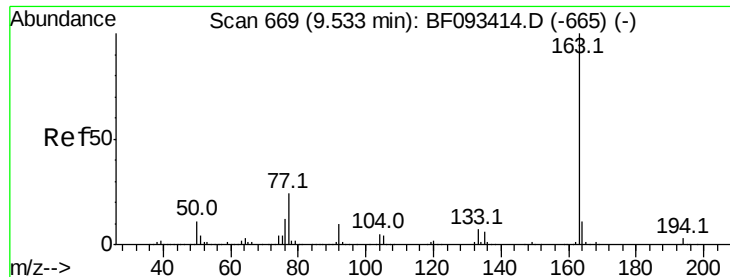
#44
 2-Fluorobiphenyl
 Concen: 100.75 ng
 RT: 9.09 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF093571.D
 Acq: 11 Mar 2017 17:04

Tgt Ion:172 Resp: 2097189
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.4 44.0
 170 25.3 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

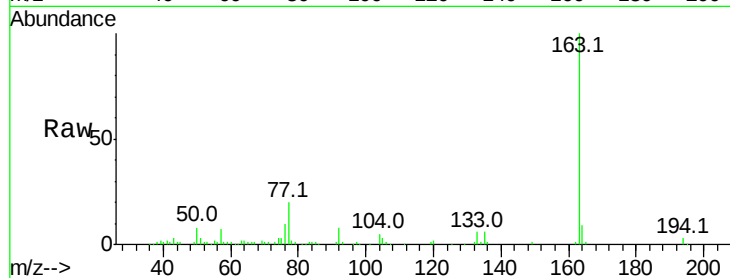




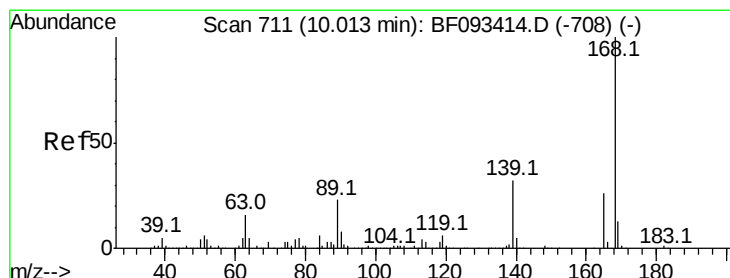
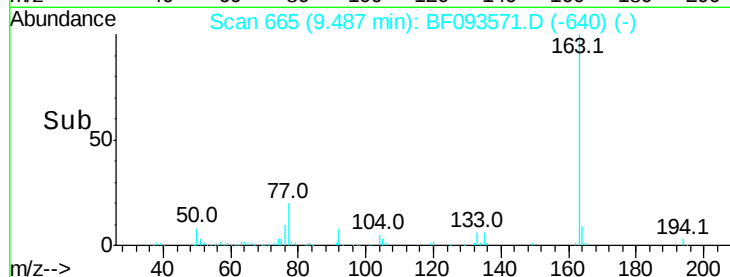
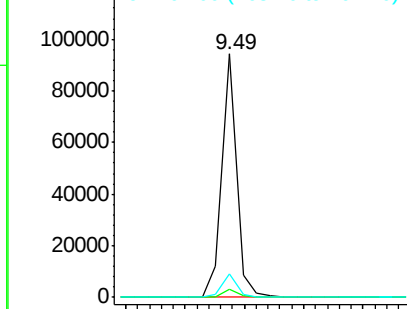
#49
Dimethylphthalate
Concen: 3.16 ng
RT: 9.49 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF093571.D
Acq: 11 Mar 2017 17:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 81100
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 9.5 8.0 12.0

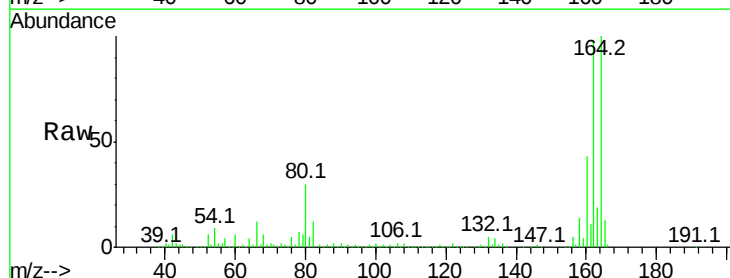


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

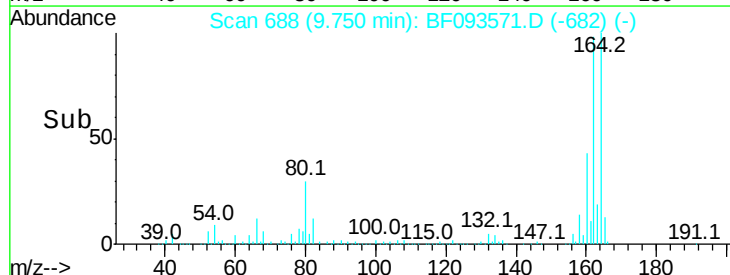
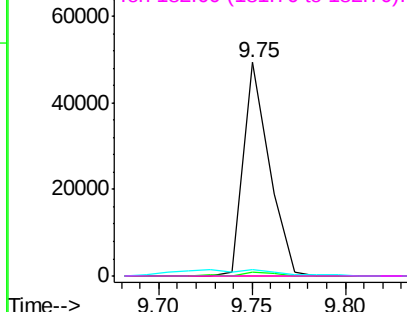


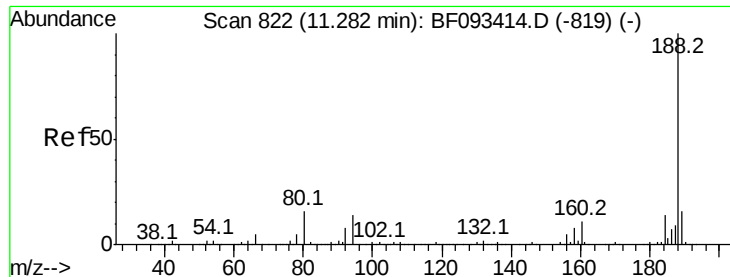
#56
2,4-Dinitrotoluene
Concen: 6.94 ng
RT: 9.75 min Scan# 688
Delta R.T. -0.23 min
Lab File: BF093571.D
Acq: 11 Mar 2017 17:04

Tgt Ion:165 Resp: 48050
Ion Ratio Lower Upper
165 100
63 1.8 40.2 60.4#
89 3.0 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

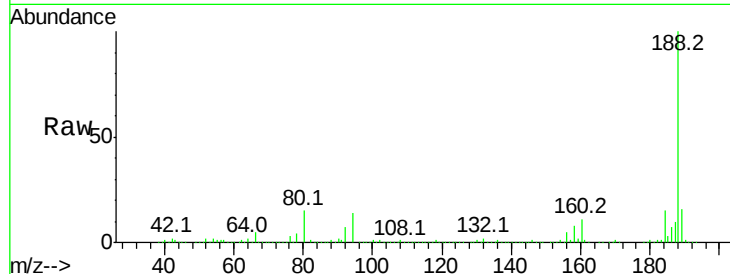




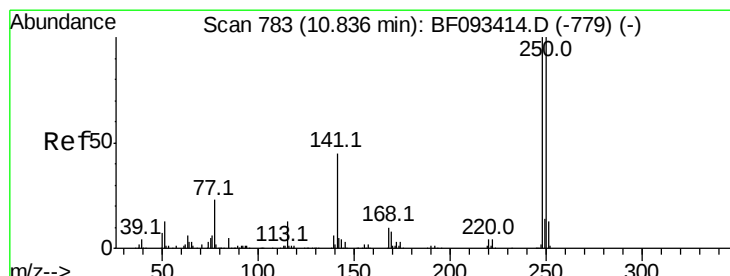
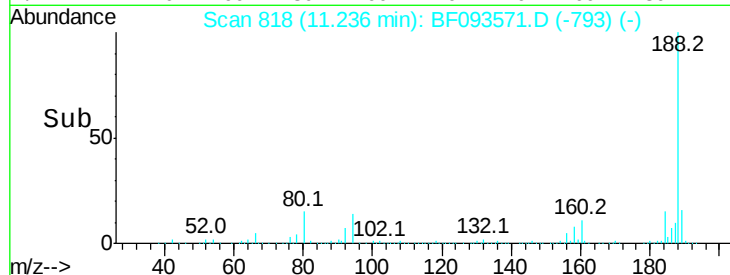
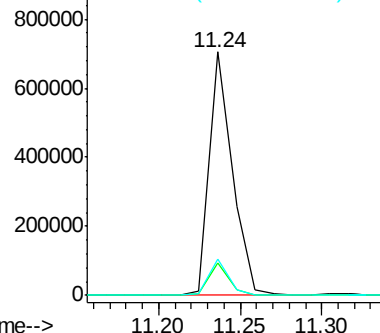
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.24 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF093571.D
 Acq: 11 Mar 2017 17:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 685464
 Ion Ratio Lower Upper
 188 100
 94 13.6 10.0 15.0
 80 14.9 11.2 16.8

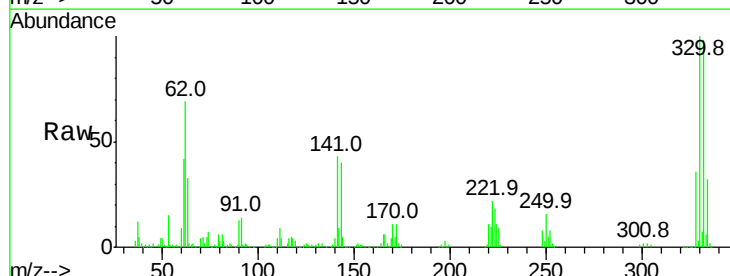


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

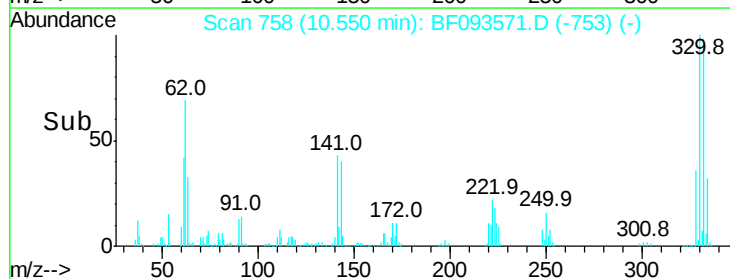
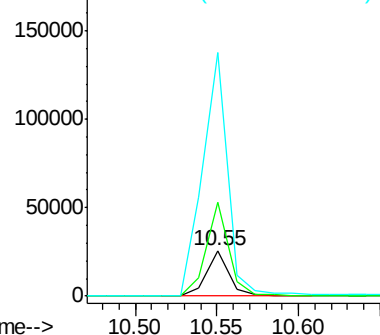


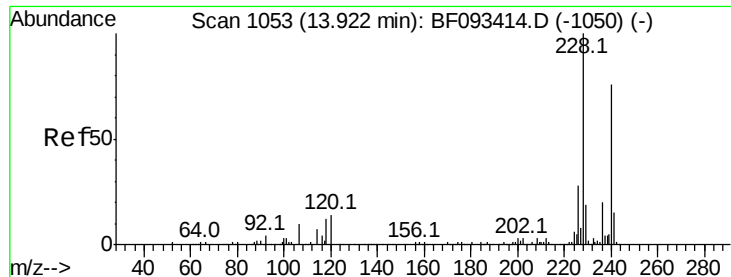
#66
 4-Bromophenyl-phenylether
 Concen: 3.31 ng
 RT: 10.55 min Scan# 758
 Delta R.T. -0.24 min
 Lab File: BF093571.D
 Acq: 11 Mar 2017 17:04

Tgt Ion:248 Resp: 24001
 Ion Ratio Lower Upper
 248 100
 250 207.5 76.9 115.3#
 141 538.4 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: BF093571.D

Acq: 11 Mar 2017 17:04

Instrument :

BNA_F

ClientSampleId :

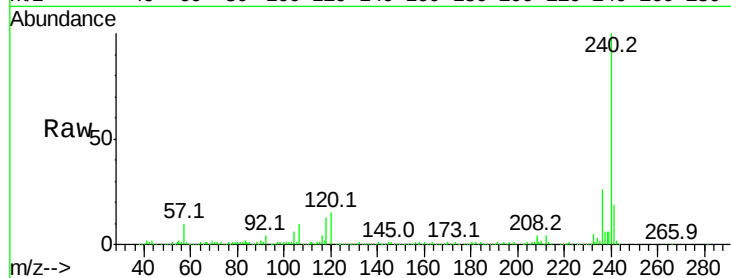
Tot Ion:240 Resp: 486643

Ion Ratio Lower Upper

240 100

120 14.8 12.9 19.3

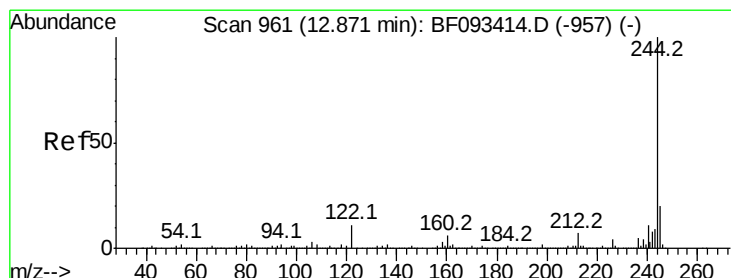
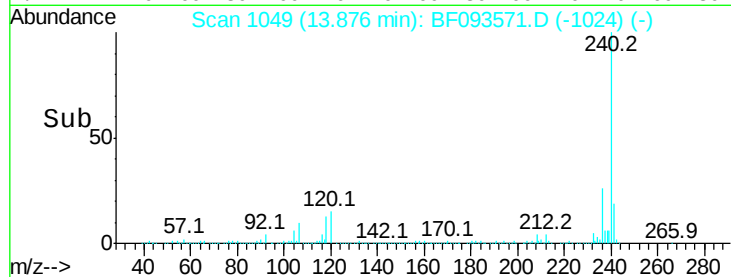
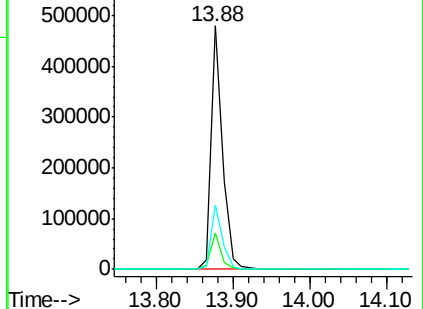
236 26.3 20.9 31.3



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: 78.35 ng

RT: 12.82 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF093571.D

Acq: 11 Mar 2017 17:04

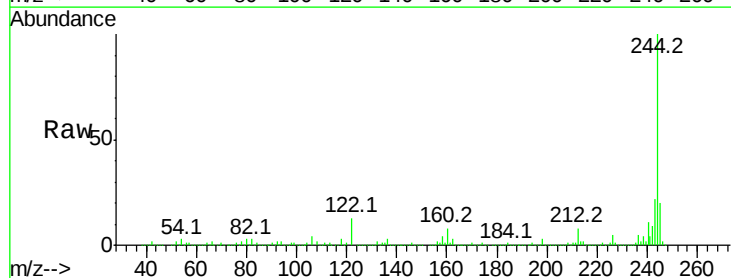
Tgt Ion:244 Resp: 1466510

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

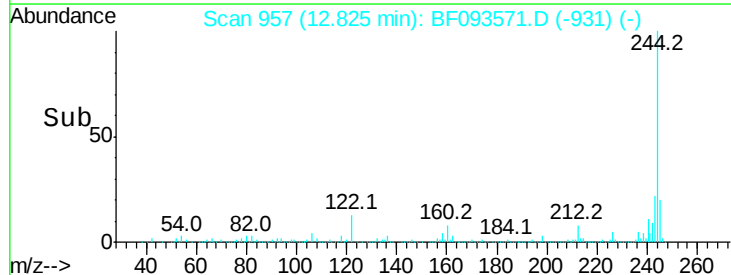
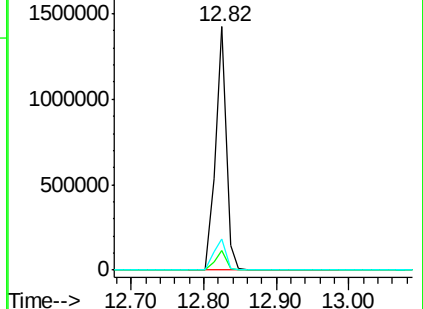
122 12.6 11.4 17.2

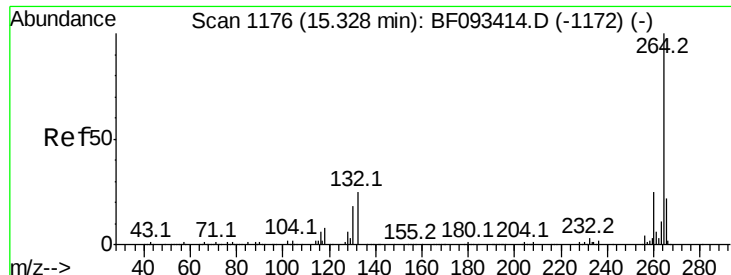


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

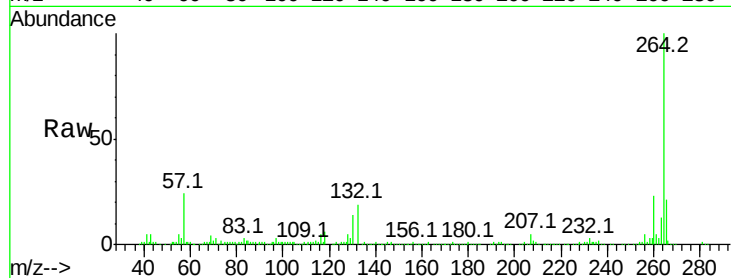




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.28 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF093571.D
 Acq: 11 Mar 2017 17:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.4	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

