

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112015\
 Data File : BF083092.D
 Acq On : 20 Nov 2015 21:00
 Operator : UM/IZ
 Sample : G4452-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 20 22:36:00 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 01:33:39 2015
 Response via : Initial Calibration

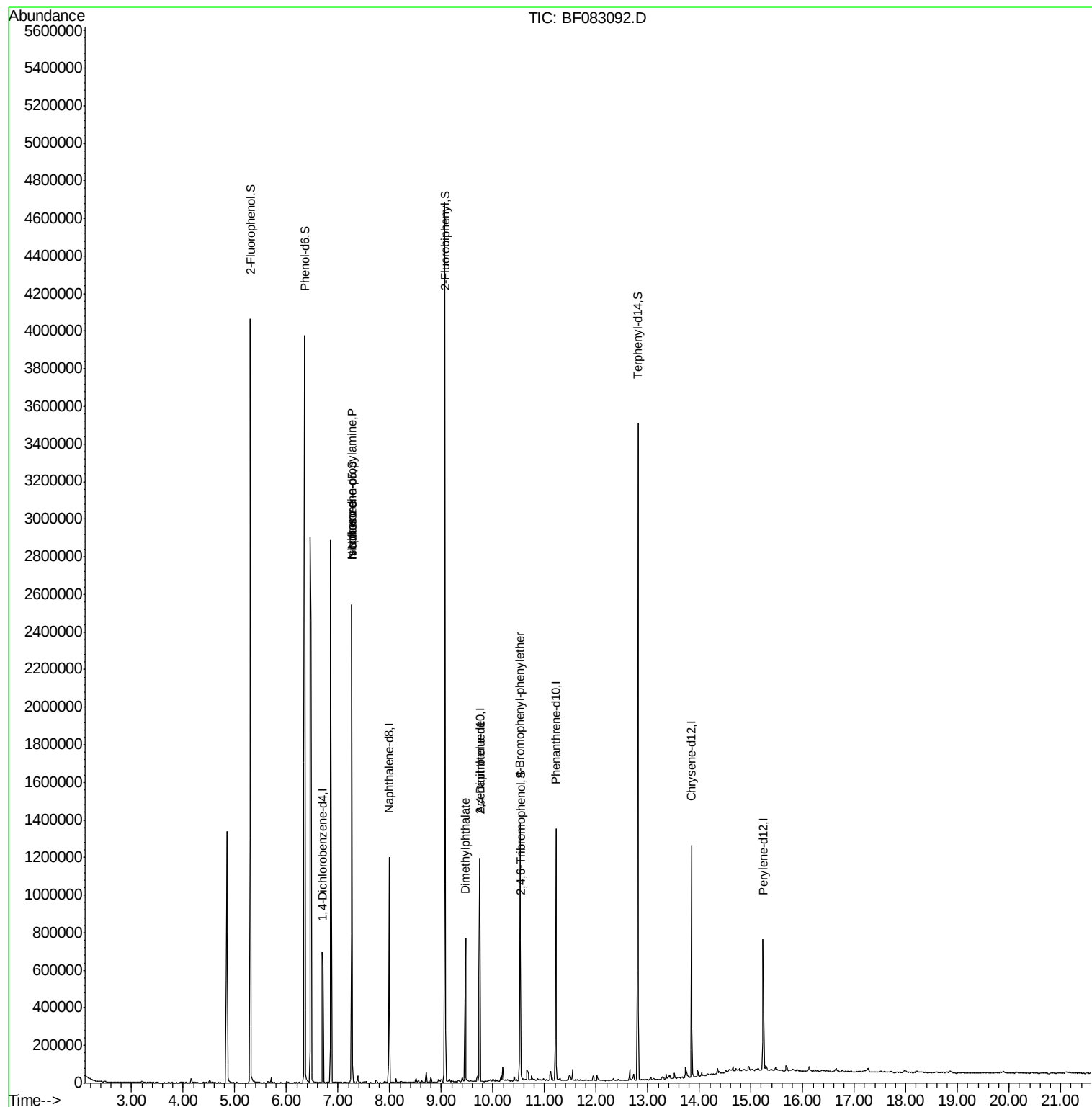
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	147855	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	556285	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	264339	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	454592	20.00	ng	0.00
75) Chrysene-d12	13.85	240	407413	20.00	ng	-0.01
86) Perylene-d12	15.23	264	312273	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1061562	111.51	ng	0.01
7) Phenol-d6	6.35	99	1326682	105.81	ng	0.00
23) Nitrobenzene-d5	7.26	82	844319	69.48	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	188828	67.28	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1342050	68.38	ng	-0.01
78) Terphenyl-d14	12.81	244	995938	57.71	ng	0.00
Target Compounds						
9) Benzaldehyde	6.35	77	2490	Below Cal	#	6
19) n-Nitroso-di-n-propylamine	7.26	70	114091	12.45	ng	# 76
25) Isophorone	7.26	82	643960	28.10	ng	# 69
49) Dimethylphthalate	9.47	163	378676	17.41	ng	# 98
56) 2,4-Dinitrotoluene	9.74	165	34682	5.53	ng	# 19
66) 4-Bromophenyl-phenylether	10.52	248	12266	2.33	ng	# 1

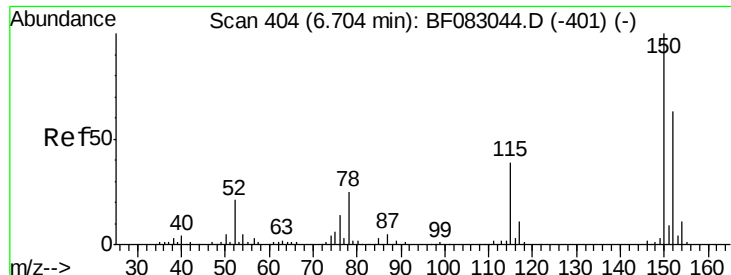
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF083092.D

Acq: 20 Nov 2015 21:00

Instrument :

BNA_F

ClientSampleId :

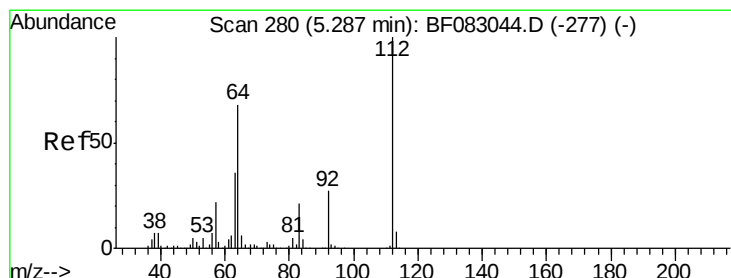
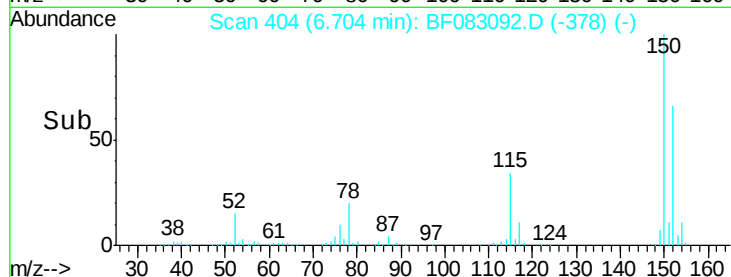
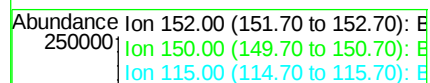
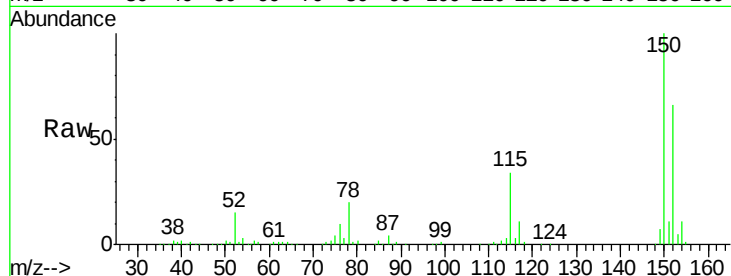
Tot Ion:152 Resp: 147855

Ion Ratio Lower Upper

152 100

150 152.1 126.4 189.6

115 51.9 49.0 73.6



#5

2-Fluorophenol

Concen: 111.51 ng

RT: 5.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: BF083092.D

Acq: 20 Nov 2015 21:00

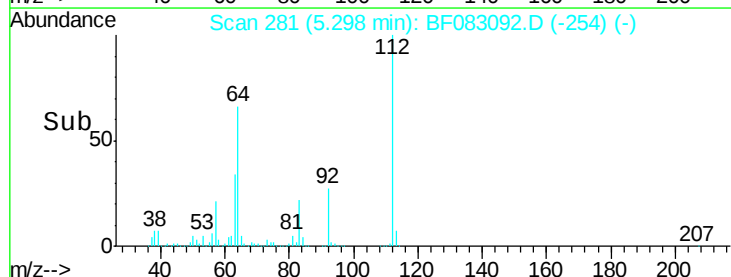
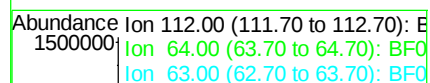
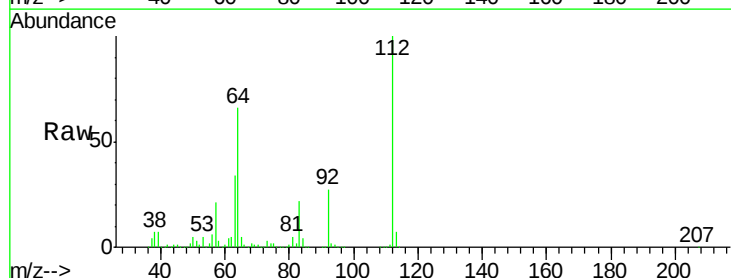
Tgt Ion:112 Resp: 1061562

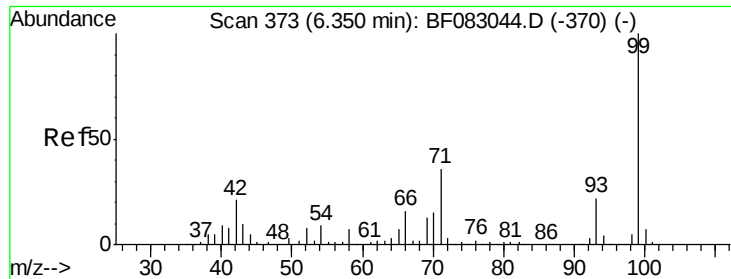
Ion Ratio Lower Upper

112 100

64 66.2 54.8 82.2

63 34.5 29.0 43.4





#7

Phenol-d6

Concen: 105.81 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF083092.D

Acq: 20 Nov 2015 21:00

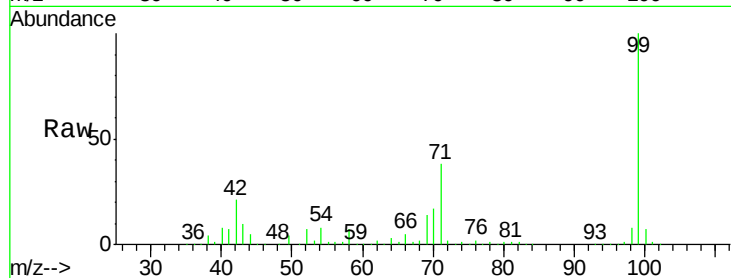
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1326682

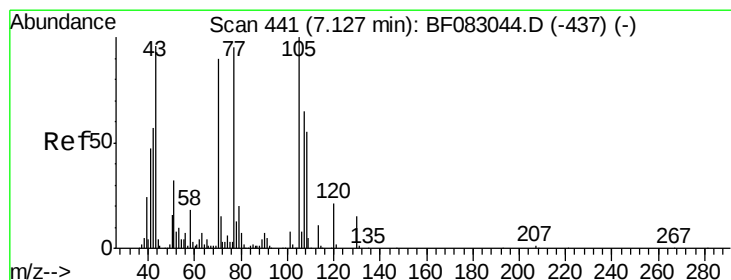
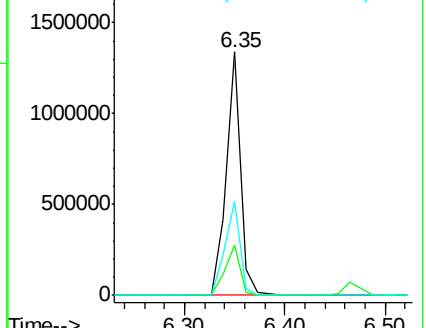
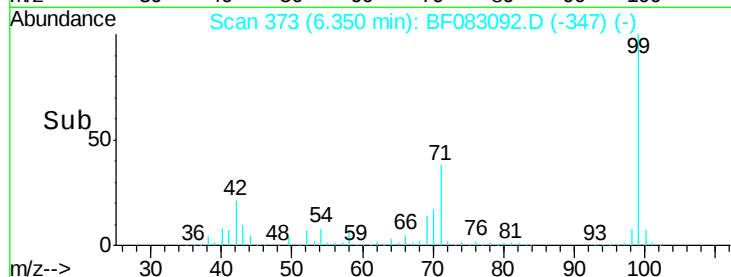
Ion	Ratio	Lower	Upper
99	100		
42	20.5	16.6	25.0
71	38.3	29.2	43.8



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: 12.45 ng

RT: 7.26 min Scan# 453

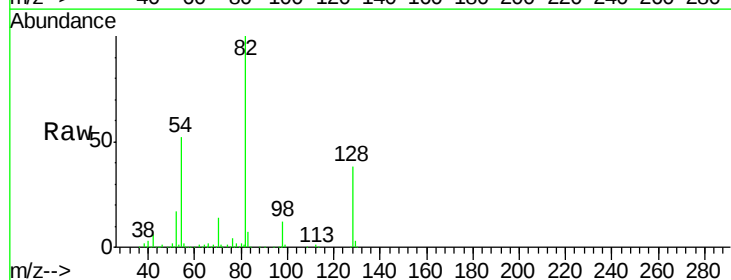
Delta R.T. 0.14 min

Lab File: BF083092.D

Acq: 20 Nov 2015 21:00

Tgt Ion: 70 Resp: 114091

Ion	Ratio	Lower	Upper
70	100		
42	46.3	50.2	75.2#
101	0.0	6.8	10.2#
130	2.0	12.9	19.3#

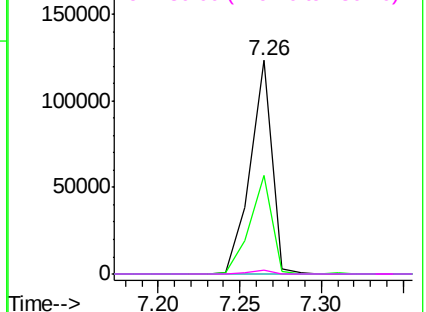
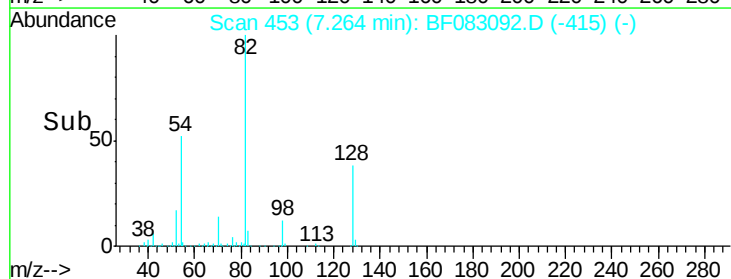


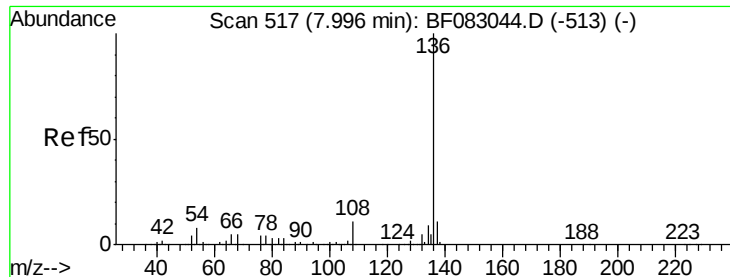
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF083092.D

Acq: 20 Nov 2015 21:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 556285

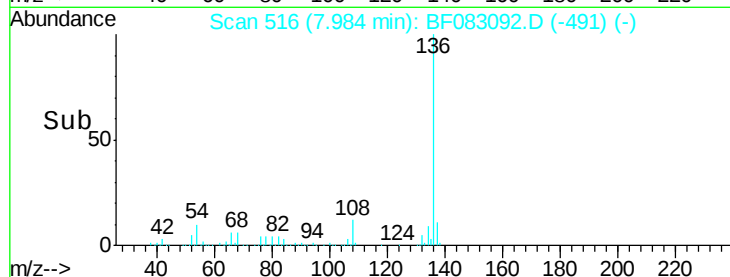
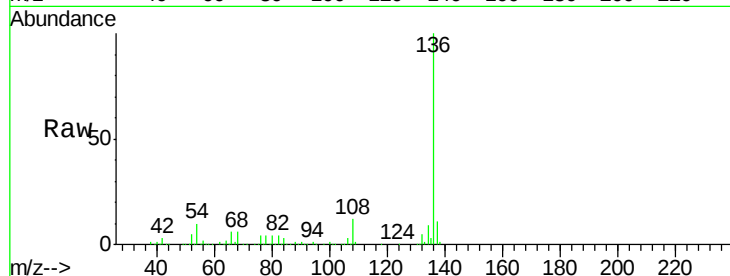
Ion Ratio Lower Upper

136 100

137 11.0 8.6 12.8

54 10.4 6.2 9.2#

68 6.4 4.2 6.2#

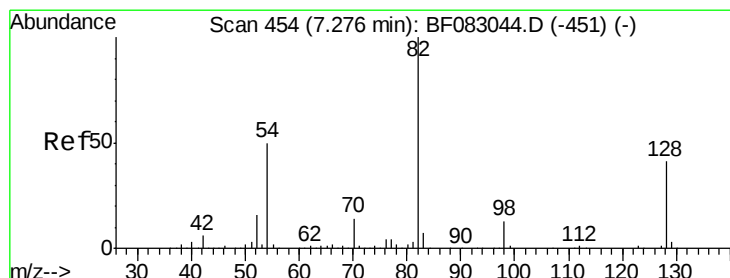
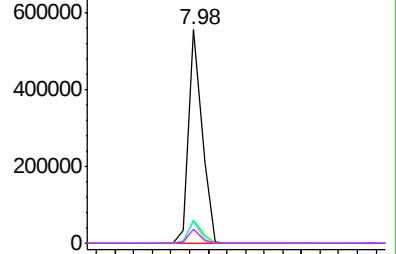


Abundance Ion 136.00 (135.70 to 136.70): E

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: 69.48 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.01 min

Lab File: BF083092.D

Acq: 20 Nov 2015 21:00

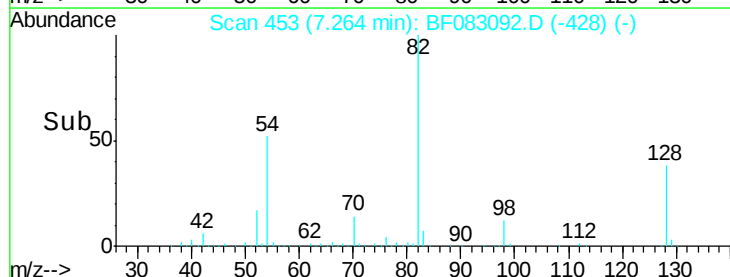
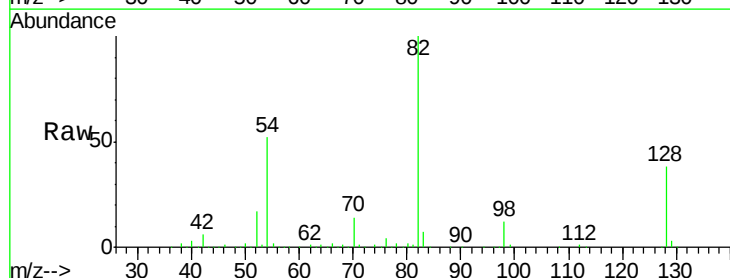
Tgt Ion: 82 Resp: 844319

Ion Ratio Lower Upper

82 100

128 37.8 33.1 49.7

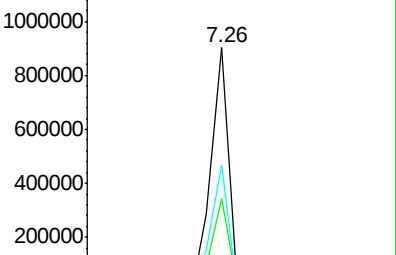
54 51.9 39.8 59.6

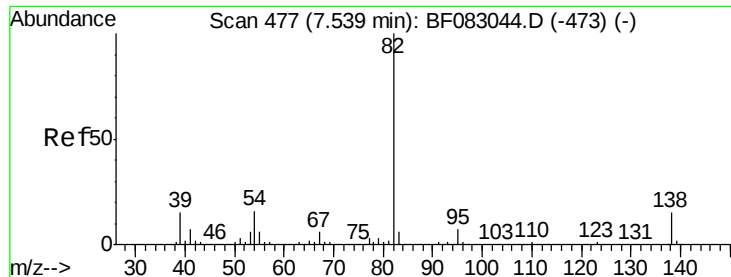


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 28.10 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.27 min

Lab File: BF083092.D

Acq: 20 Nov 2015 21:00

Instrument :

BNA_F

ClientSampleId :

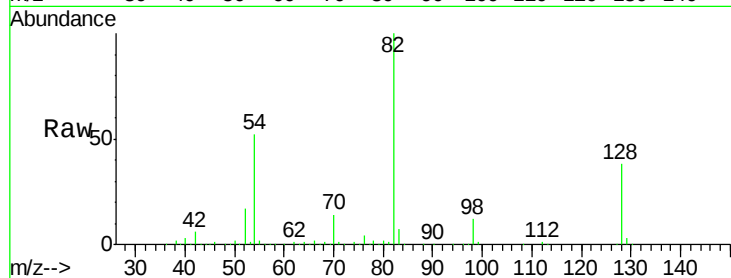
Tot Ion: 82 Resp: 643960

Ion Ratio Lower Upper

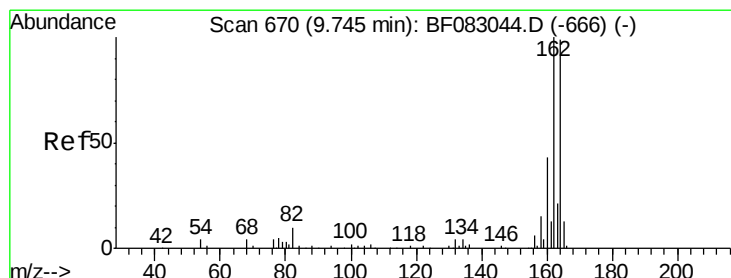
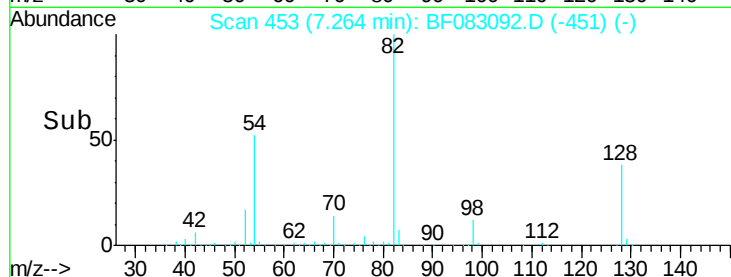
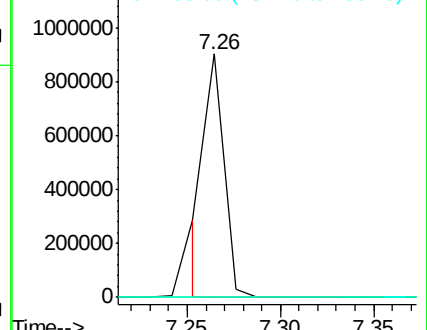
82 100

95 0.0 5.7 8.5#

138 0.0 12.2 18.4#



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: 9.74 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF083092.D

Acq: 20 Nov 2015 21:00

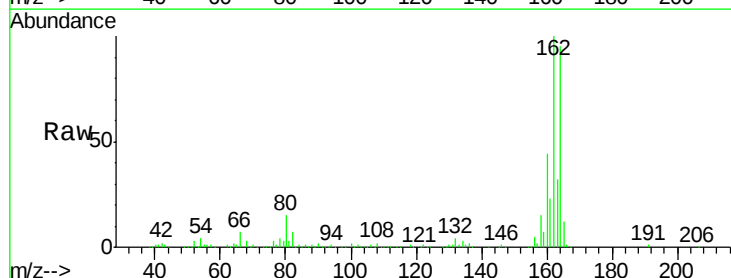
Tgt Ion:164 Resp: 264339

Ion Ratio Lower Upper

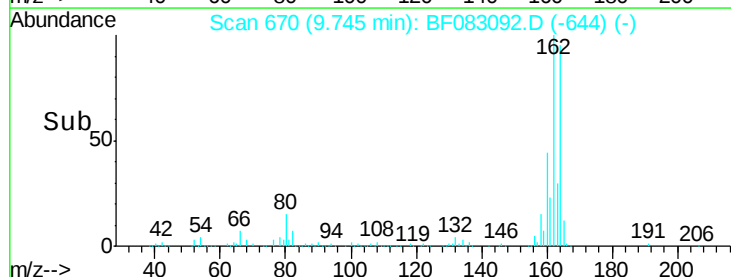
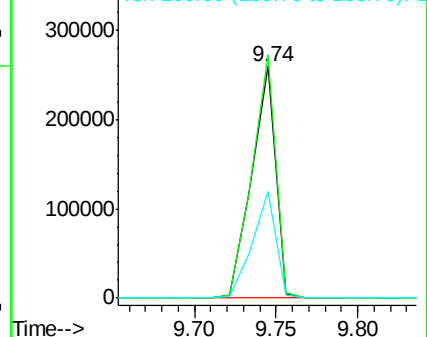
164 100

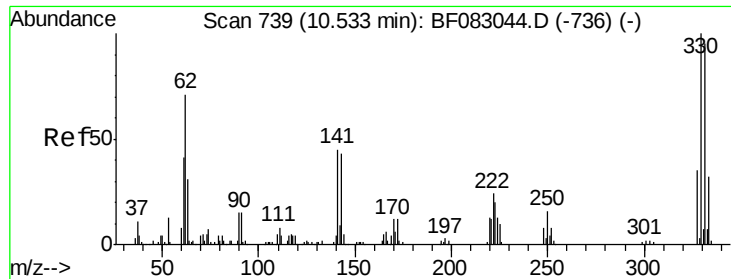
162 105.0 80.5 120.7

160 45.9 35.0 52.4



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

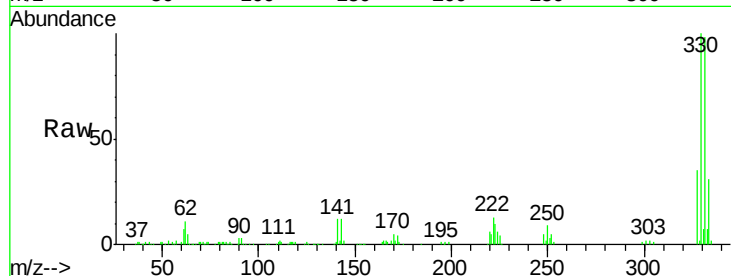




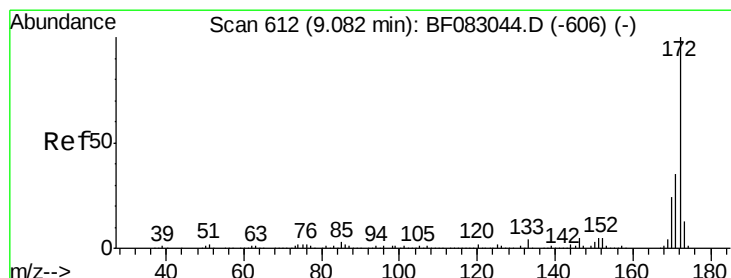
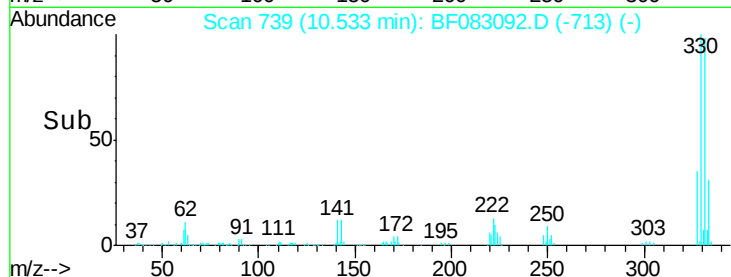
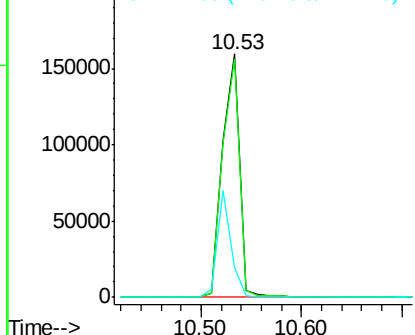
#41
 2,4,6-Tribromophenol
 Concen: 67.28 ng
 RT: 10.53 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF083092.D
 Acq: 20 Nov 2015 21:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 188828
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.6 116.4
 141 35.3 34.6 52.0

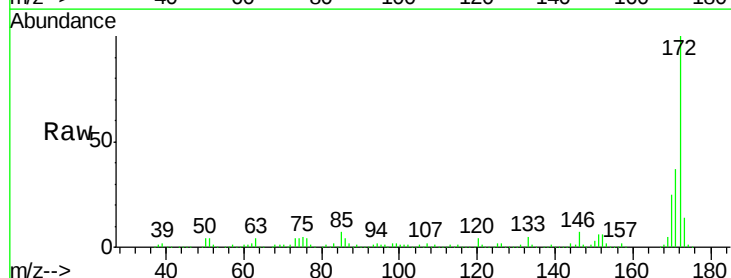


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

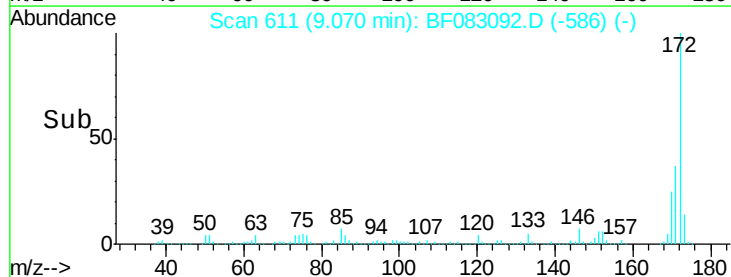
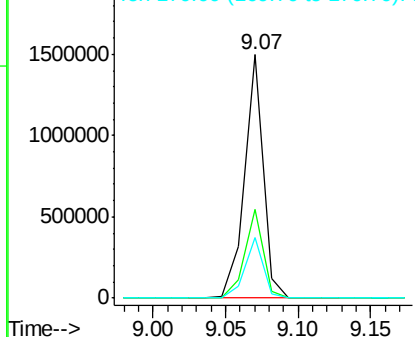


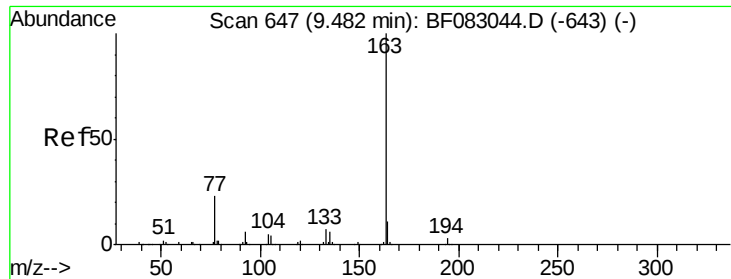
#44
 2-Fluorobiphenyl
 Concen: 68.38 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF083092.D
 Acq: 20 Nov 2015 21:00

Tgt Ion:172 Resp: 1342050
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.2 42.4
 170 25.1 19.4 29.0



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

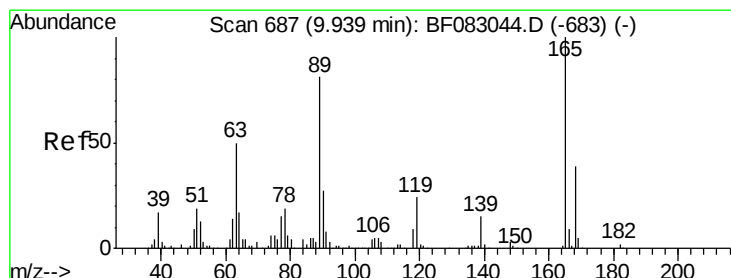
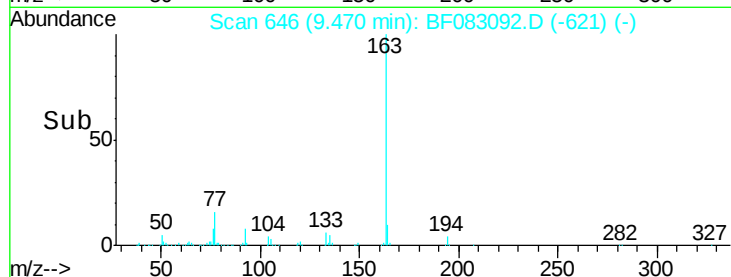
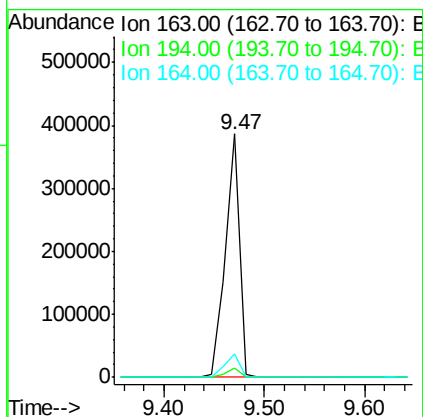
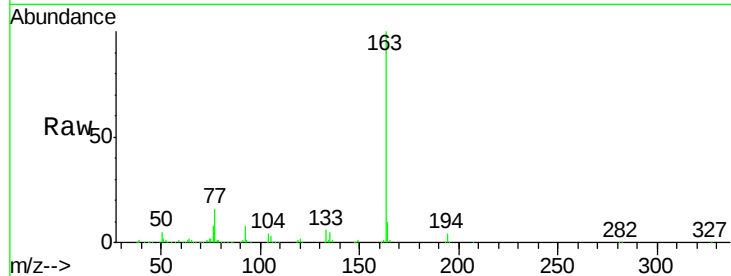




#49
Dimethylphthalate
Concen: 17.41 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.01 min
Lab File: BF083092.D
Acq: 20 Nov 2015 21:00

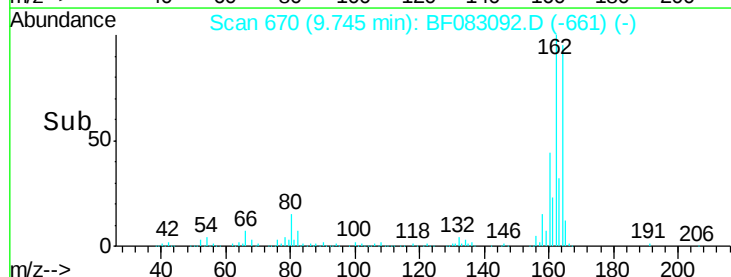
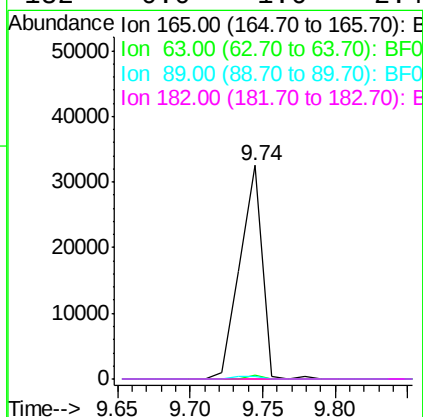
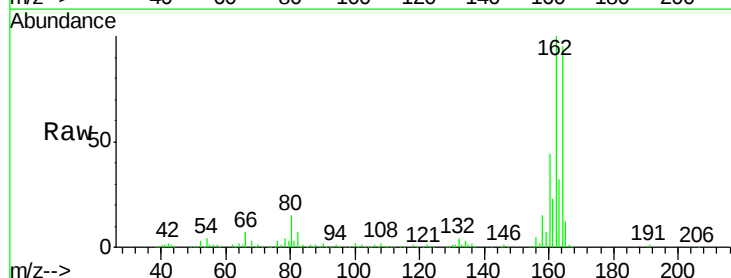
Instrument :
BNA_F
ClientSampled :

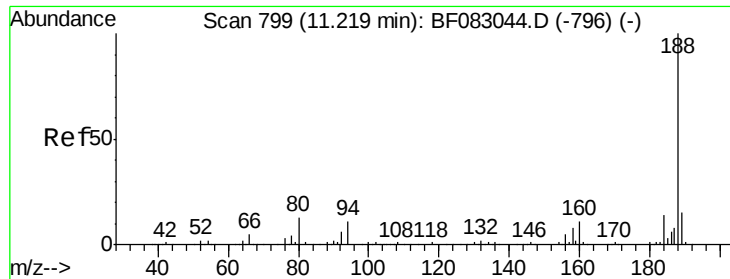
Tot Ion:163 Resp: 378676
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.7 8.5 12.7



#56
2,4-Dinitrotoluene
Concen: 5.53 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.19 min
Lab File: BF083092.D
Acq: 20 Nov 2015 21:00

Tgt Ion:165 Resp: 34682
Ion Ratio Lower Upper
165 100
63 1.8 40.6 61.0#
89 1.2 64.4 96.6#
182 0.0 1.6 2.4#

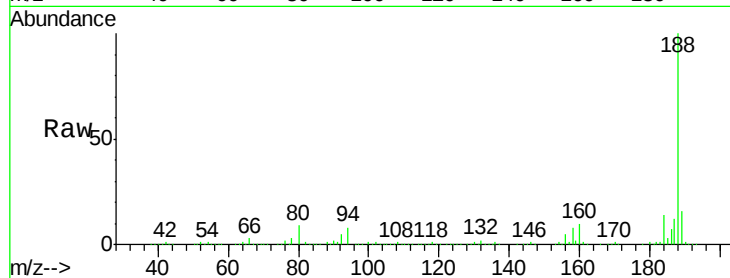




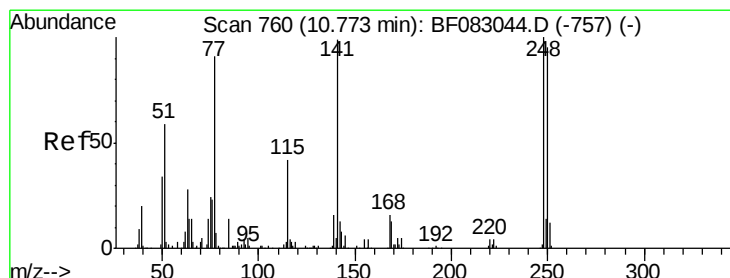
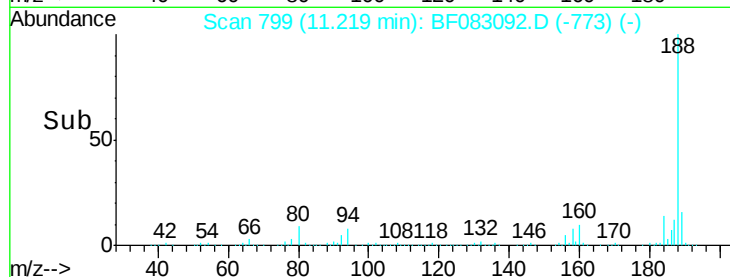
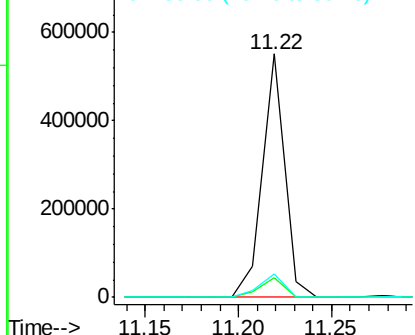
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.22 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF083092.D
 Acq: 20 Nov 2015 21:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 454592
 Ion Ratio Lower Upper
 188 100
 94 7.9 9.0 13.4#
 80 9.4 10.2 15.4#

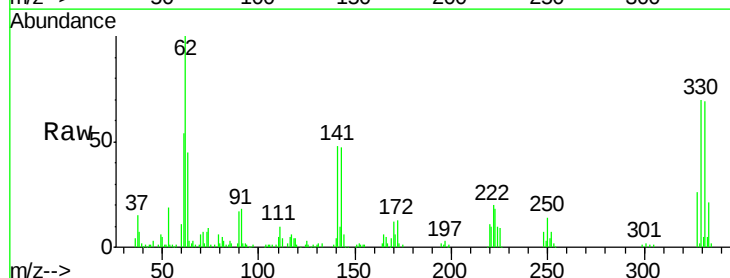


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

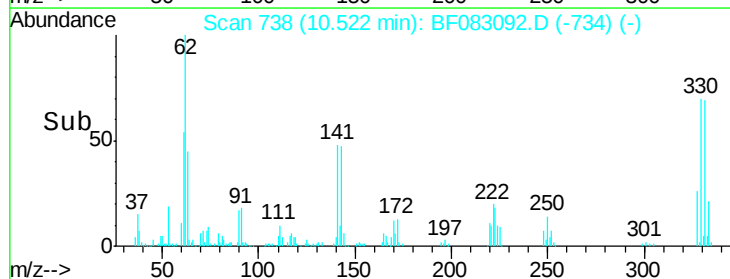
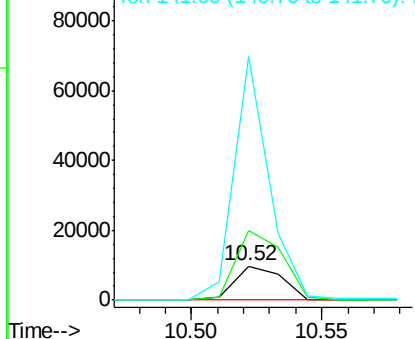


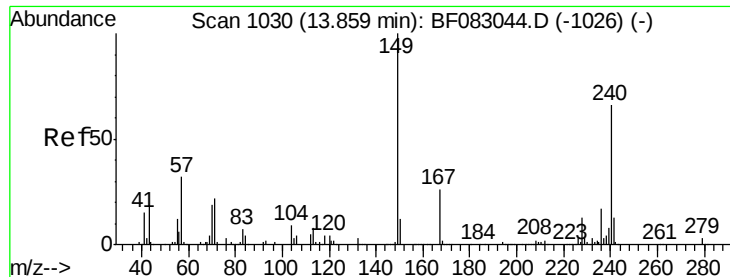
#66
 4-Bromophenyl-phenylether
 Concen: 2.33 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.25 min
 Lab File: BF083092.D
 Acq: 20 Nov 2015 21:00

Tgt Ion:248 Resp: 12266
 Ion Ratio Lower Upper
 248 100
 250 207.4 76.1 114.1#
 141 721.7 79.2 118.8#



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: 13.85 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF083092.D

Acq: 20 Nov 2015 21:00

Instrument :

BNA_F

ClientSampleId :

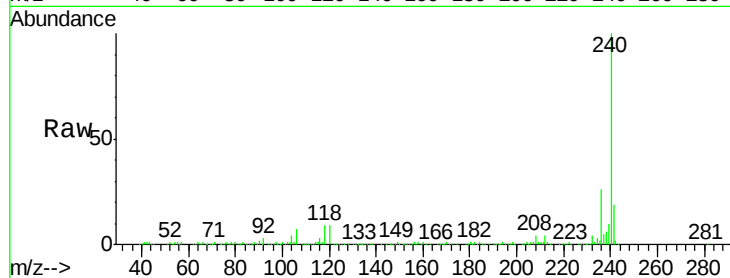
Tot Ion:240 Resp: 407413

Ion Ratio Lower Upper

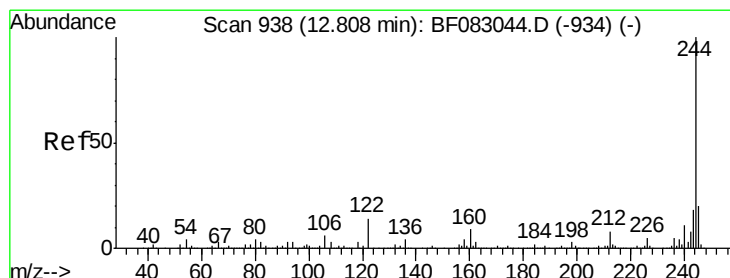
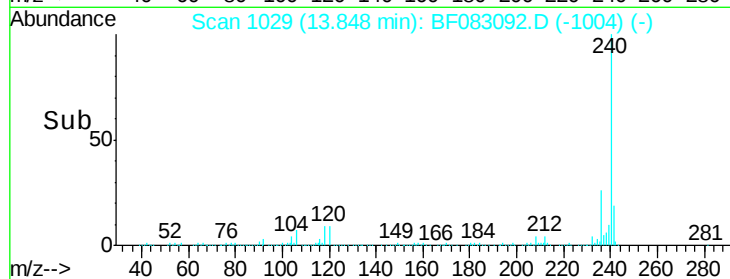
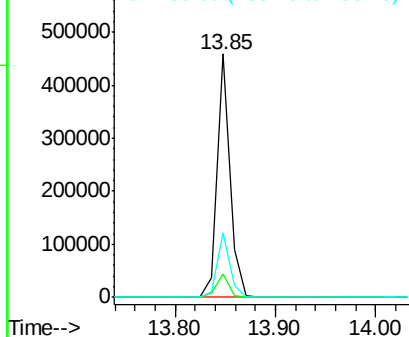
240 100

120 9.5 5.3 7.9#

236 26.4 20.4 30.6



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: 57.71 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF083092.D

Acq: 20 Nov 2015 21:00

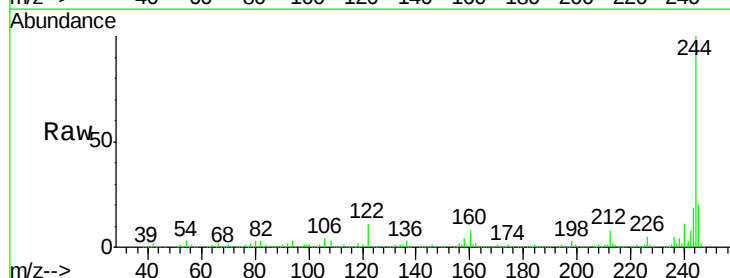
Tgt Ion:244 Resp: 995938

Ion Ratio Lower Upper

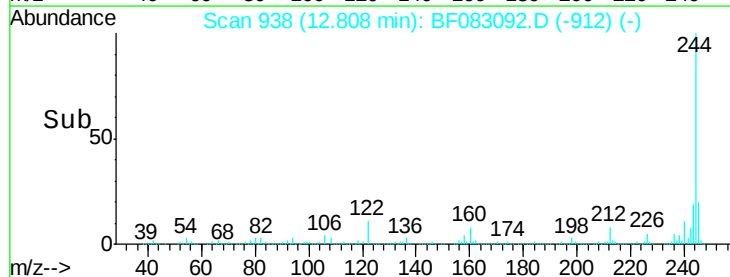
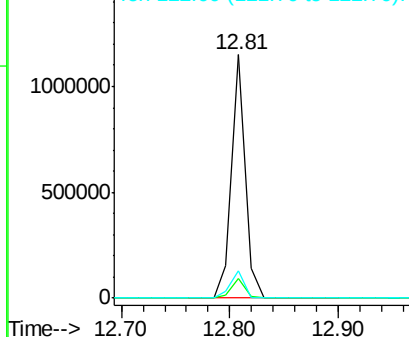
244 100

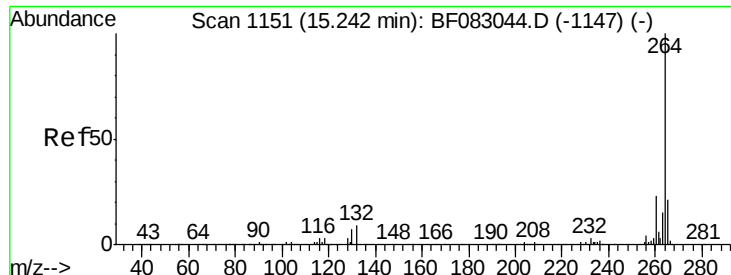
212 8.1 6.4 9.6

122 11.4 10.9 16.3



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

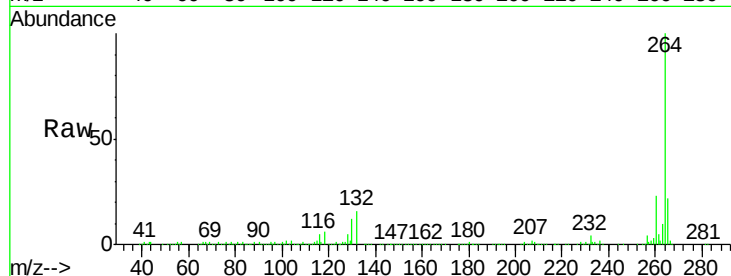




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.23 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF083092.D
 Acq: 20 Nov 2015 21:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	27.8
265	21.6	17.0	25.6



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

