

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
 Data File : BF084097.D
 Acq On : 24 Dec 2015 23:49
 Operator : UM/SJ
 Sample : PB87558BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87558BL

Quant Time: Dec 25 01:48:12 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 24 16:48:39 2015
 Response via : Initial Calibration

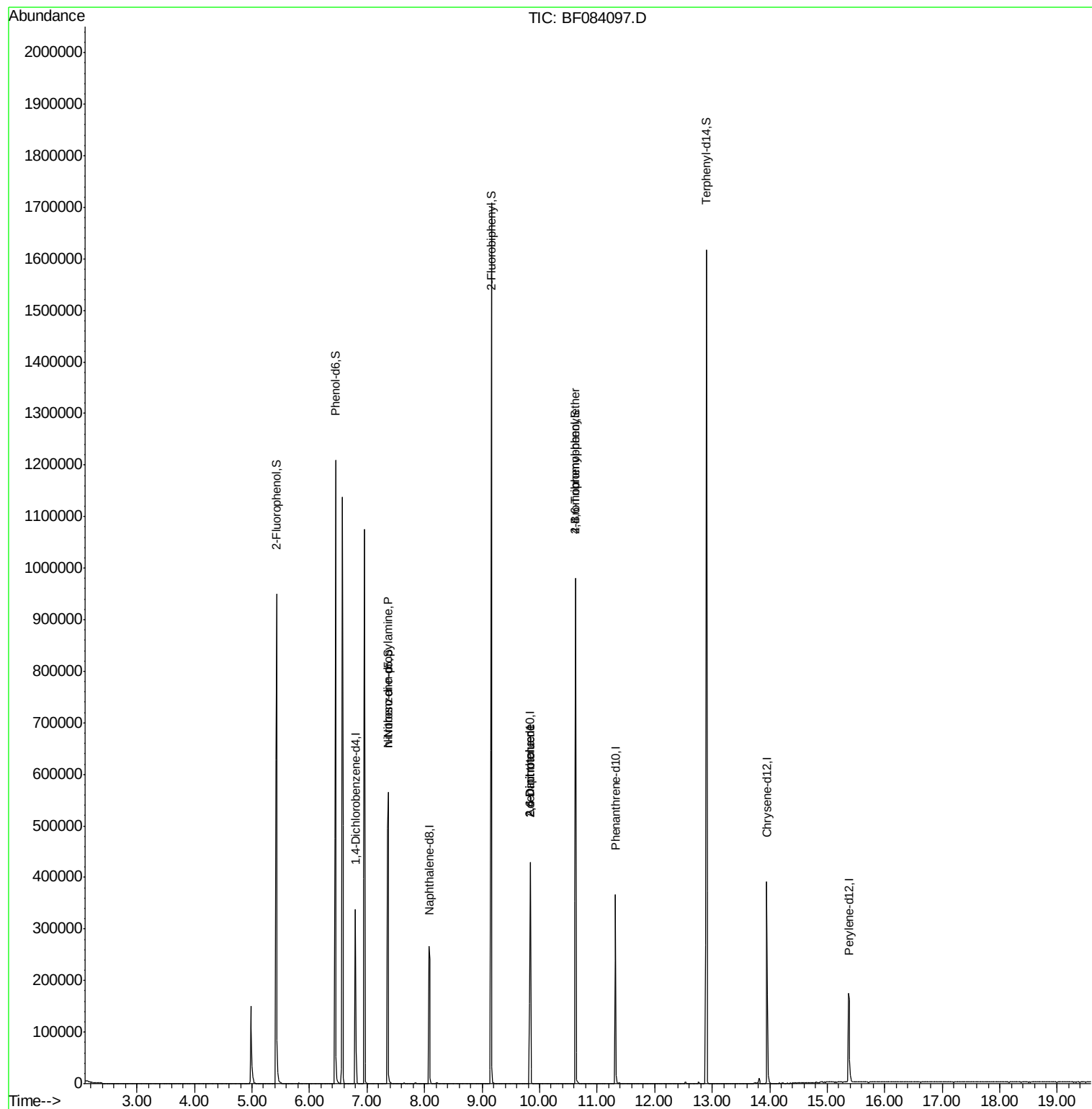
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	51087	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	185644	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	92386	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	174211	20.00	ng	0.00
75) Chrysene-d12	13.95	240	149656	20.00	ng	-0.01
86) Perylene-d12	15.38	264	106677	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	358564	119.00	ng	0.01
7) Phenol-d6	6.45	99	446087	119.64	ng	0.00
23) Nitrobenzene-d5	7.37	82	261146	82.34	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	123790	125.65	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	568214	84.15	ng	0.00
78) Terphenyl-d14	12.90	244	499893	60.44	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	35139	15.30	ng	# 73
50) 2,6-Dinitrotoluene	9.84	165	11770	7.25	ng	# 35
56) 2,4-Dinitrotoluene	9.84	165	11770	5.49	ng	# 20
66) 4-Bromophenyl-phenylether	10.62	248	8542	4.23	ng	# 1
74) Fluoranthene	12.53	202	3946	Below Cal		98

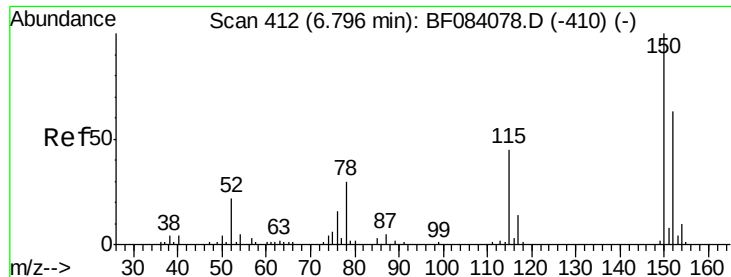
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 24 16:48:39 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF084097.D

Acq: 24 Dec 2015 23:49

Instrument :

BNA_F

ClientSampleId :

PB87558BL

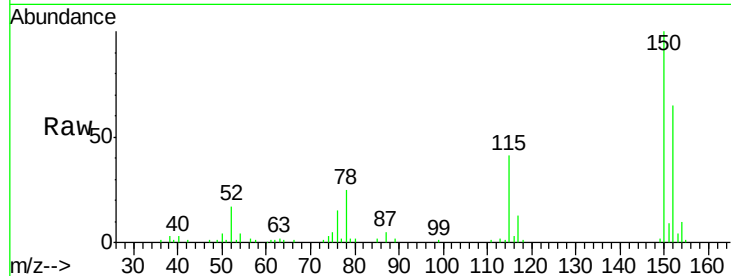
Tgt Ion:152 Resp: 51087

Ion Ratio Lower Upper

152 100

150 153.7 123.0 184.4

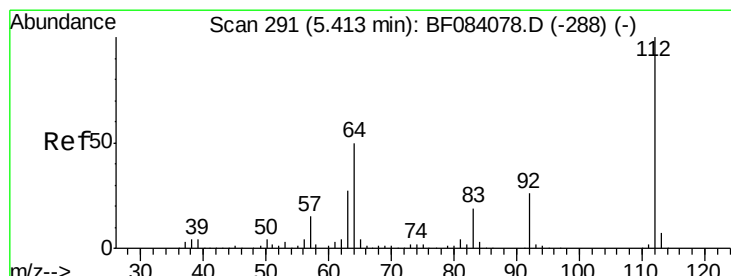
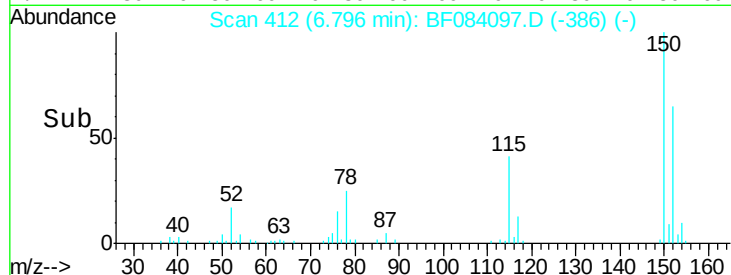
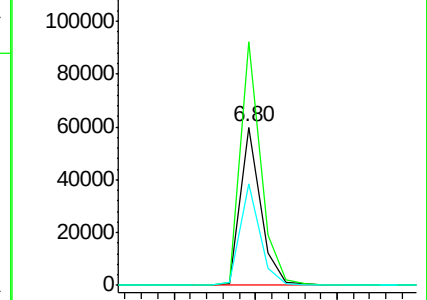
115 63.8 51.4 77.2



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: 119.00 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF084097.D

Acq: 24 Dec 2015 23:49

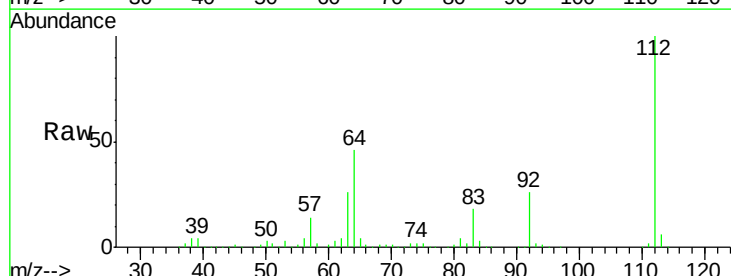
Tgt Ion:112 Resp: 358564

Ion Ratio Lower Upper

112 100

64 46.3 36.6 55.0

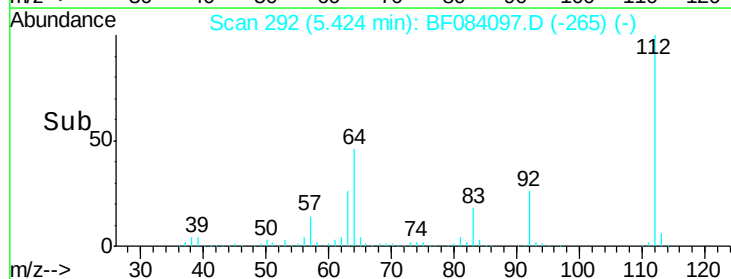
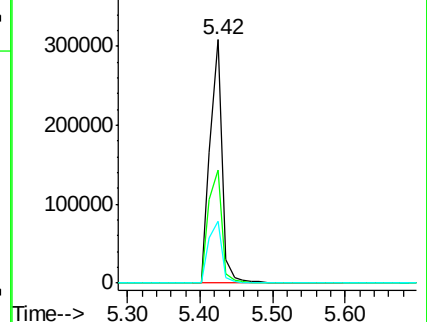
63 25.5 19.4 29.0

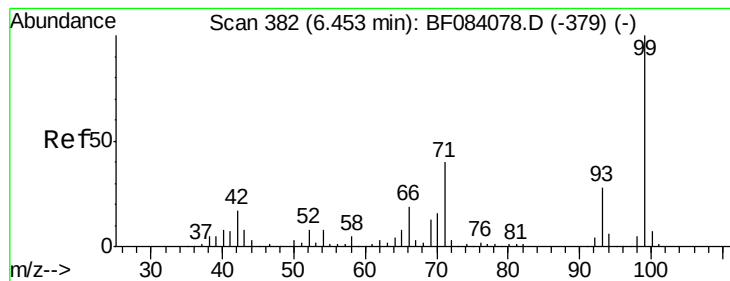


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 119.64 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF084097.D

Acq: 24 Dec 2015 23:49

Instrument :

BNA_F

ClientSampled :

PB87558BL

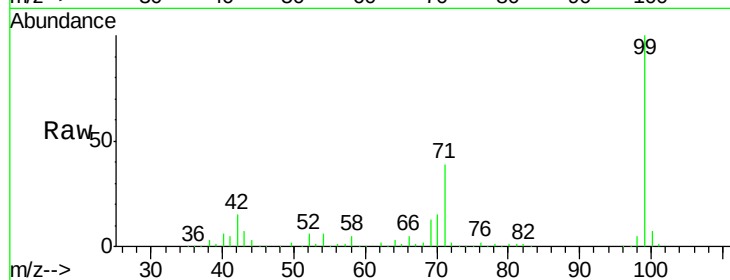
Tgt Ion: 99 Resp: 446087

Ion Ratio Lower Upper

99 100

42 15.5 12.8 19.2

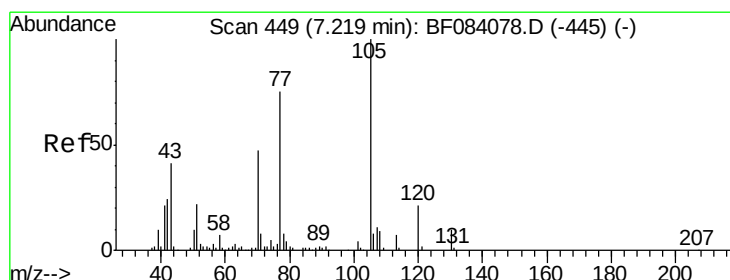
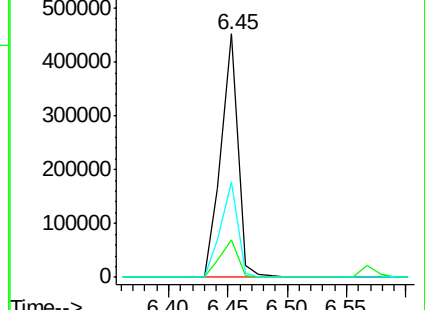
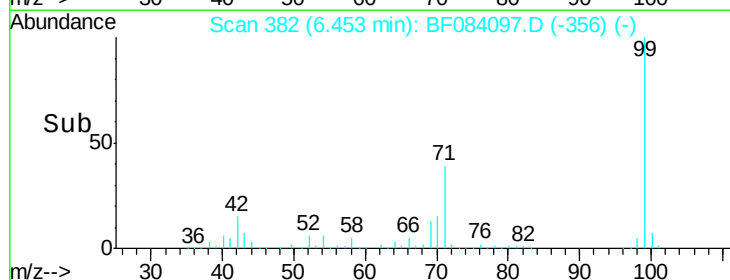
71 39.1 30.9 46.3



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: 15.30 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.15 min

Lab File: BF084097.D

Acq: 24 Dec 2015 23:49

Tgt Ion: 70 Resp: 35139

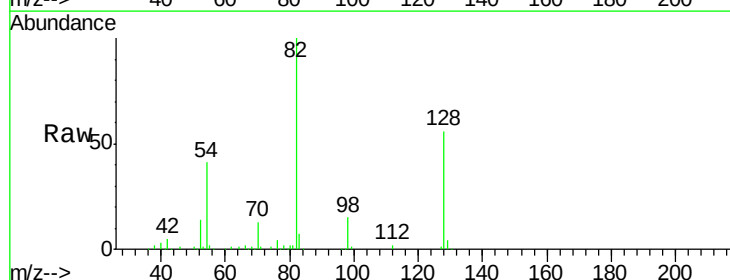
Ion Ratio Lower Upper

70 100

42 34.8 33.3 49.9

101 0.0 9.3 13.9#

130 2.8 23.4 35.0#

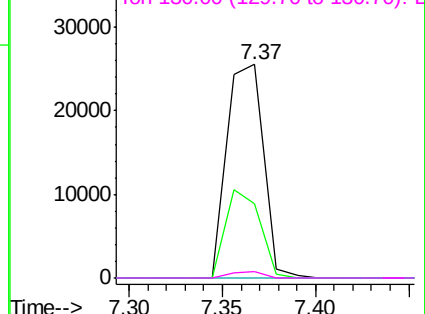
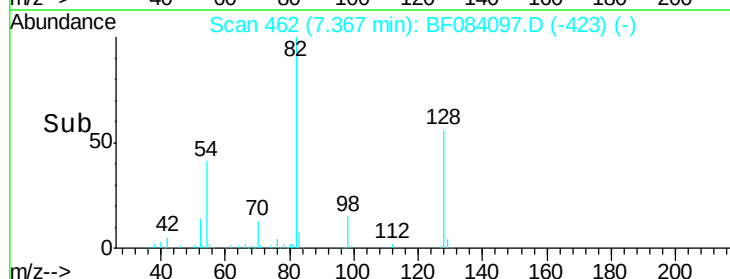


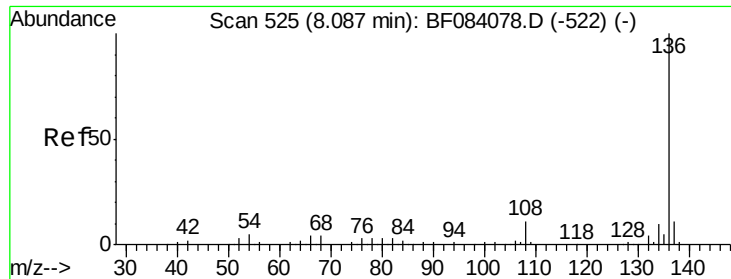
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

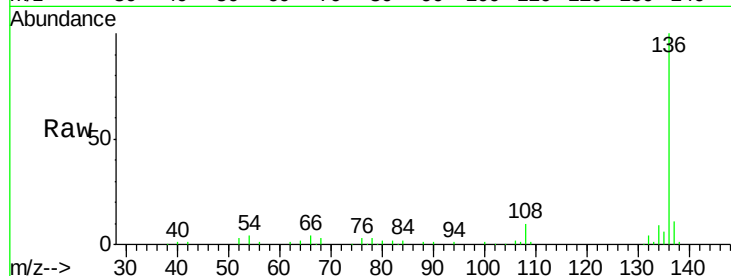




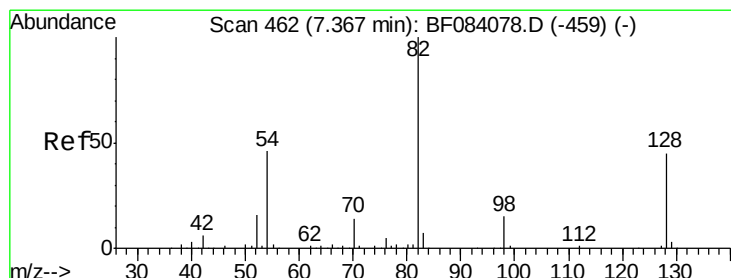
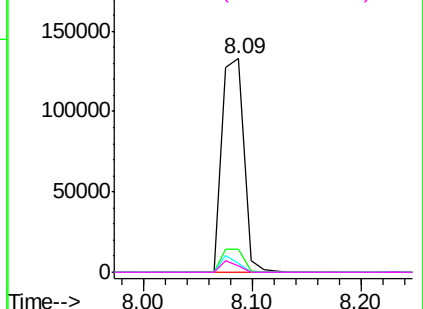
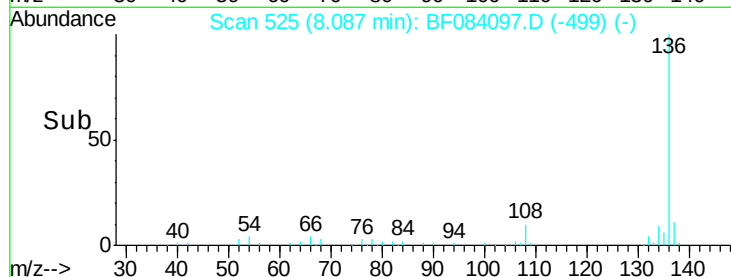
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF084097.D
Acq: 24 Dec 2015 23:49

Instrument :
BNA_F
ClientSampleId :
PB87558BL

Tgt Ion:	136	Resp:	185644
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	4.1	5.8	8.8#
68	3.3	4.2	6.2#

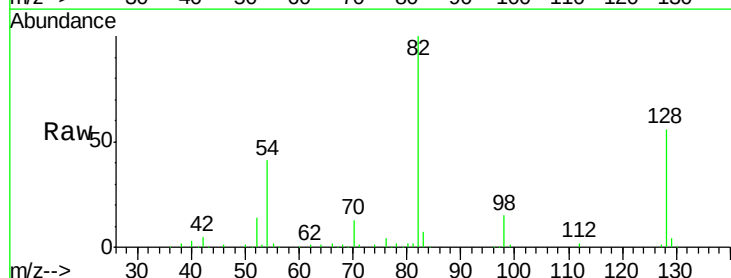


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

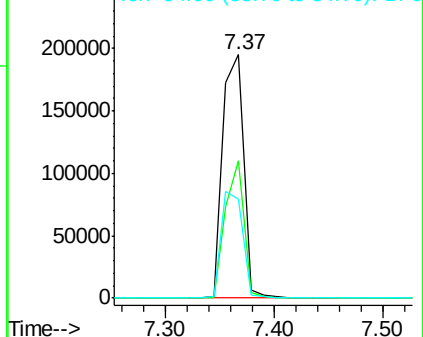
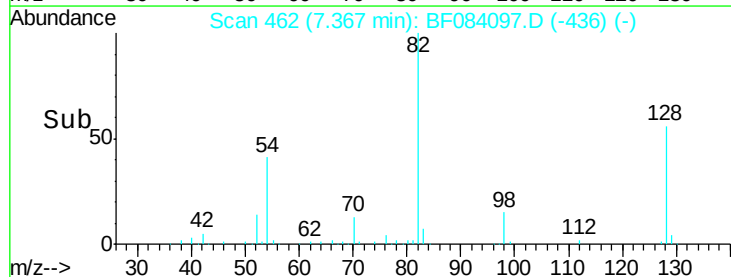


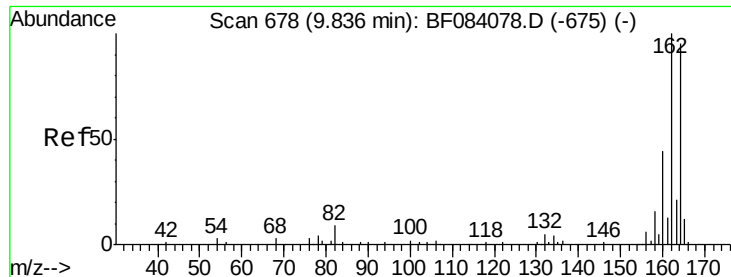
#23
Nitrobenzene-d5
Concen: 82.34 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF084097.D
Acq: 24 Dec 2015 23:49

Tgt Ion:	82	Resp:	261146
Ion	Ratio	Lower	Upper
82	100		
128	56.3	34.6	51.8#
54	40.8	38.4	57.6



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

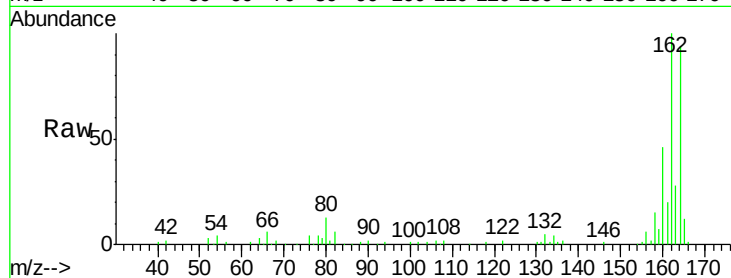




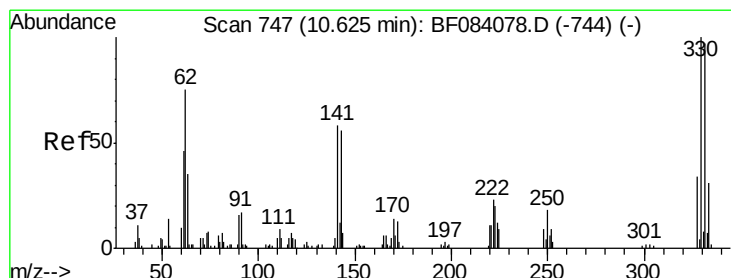
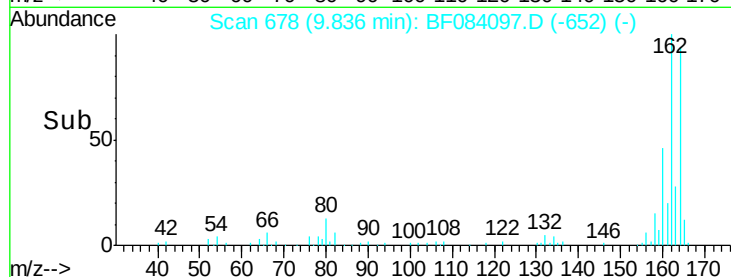
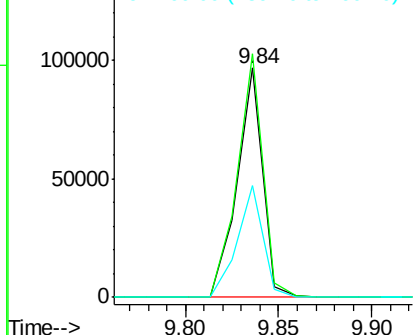
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: BF084097.D
 Acq: 24 Dec 2015 23:49

Instrument :
 BNA_F
 ClientSampleId :
 PB87558BL

Tgt Ion:164 Resp: 92386
 Ion Ratio Lower Upper
 164 100
 162 106.2 85.1 127.7
 160 48.9 37.5 56.3

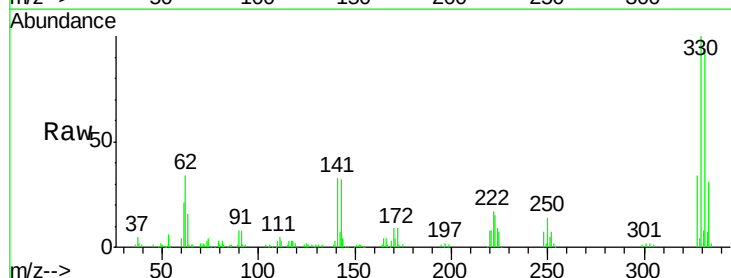


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

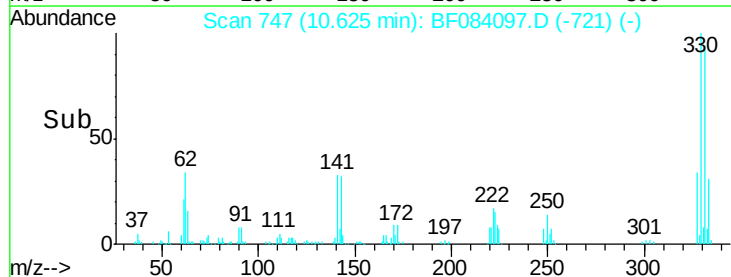
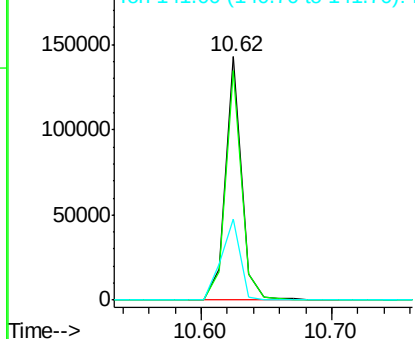


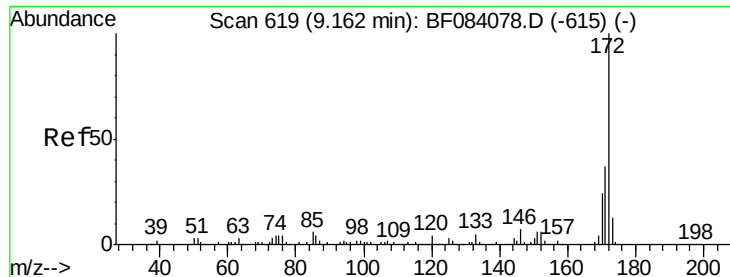
#41
 2,4,6-Tribromophenol
 Concen: 125.65 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF084097.D
 Acq: 24 Dec 2015 23:49

Tgt Ion:330 Resp: 123790
 Ion Ratio Lower Upper
 330 100
 332 94.3 76.6 114.8
 141 39.8 27.8 41.6



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

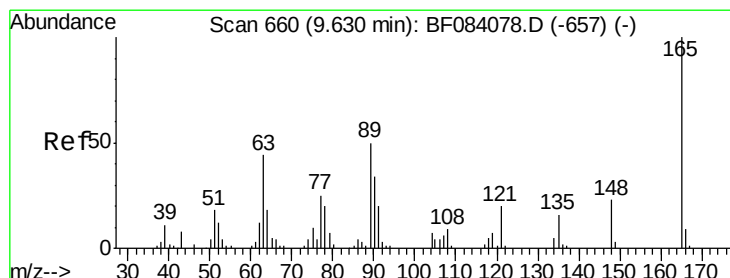
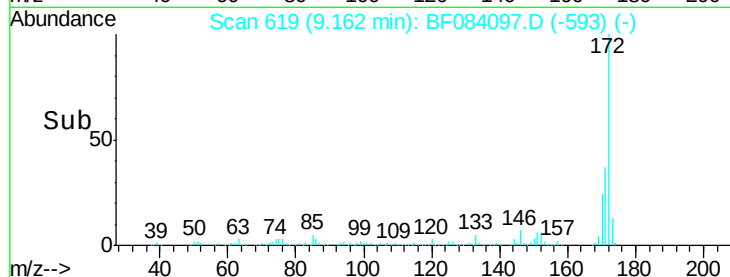
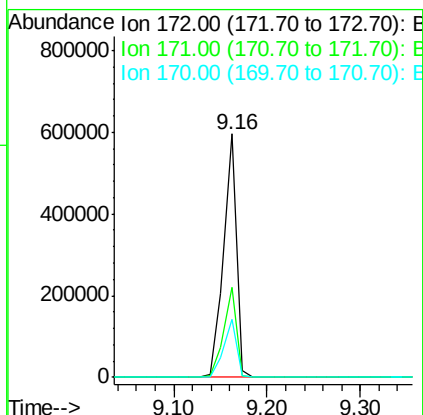
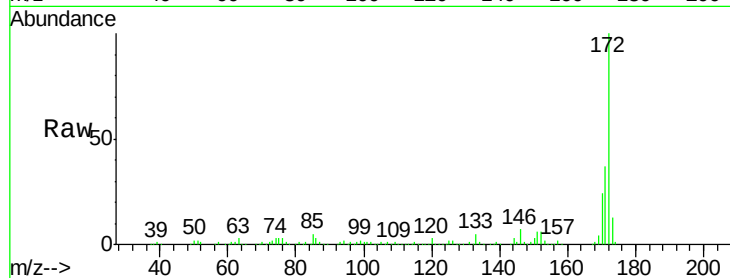




#44
 2-Fluorobiphenyl
 Concen: 84.15 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF084097.D
 Acq: 24 Dec 2015 23:49

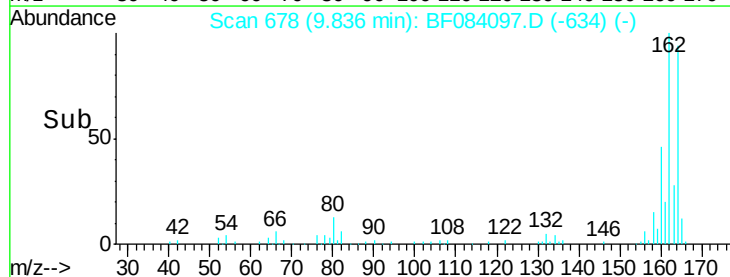
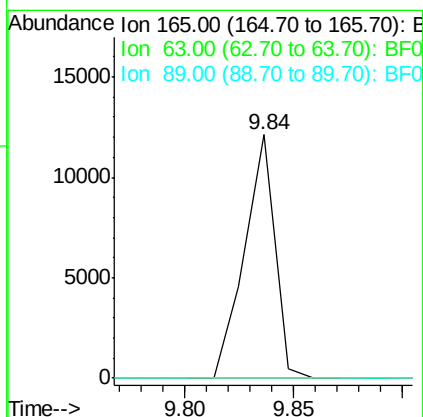
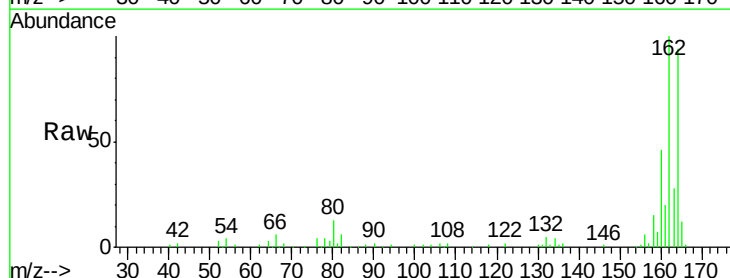
Instrument :
 BNA_F
 ClientSampleId :
 PB87558BL

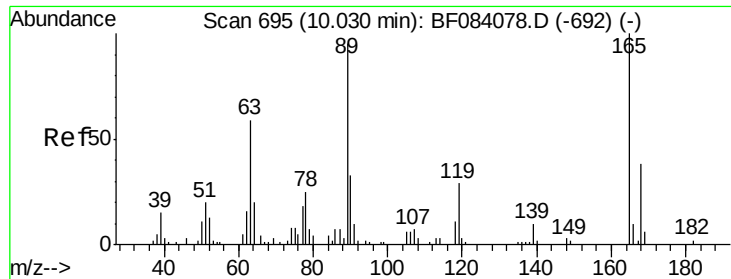
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.9	43.3
170	23.8	18.6	27.8



#50
 2,6-Dinitrotoluene
 Concen: 7.25 ng
 RT: 9.84 min Scan# 678
 Delta R.T. 0.21 min
 Lab File: BF084097.D
 Acq: 24 Dec 2015 23:49

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.8	43.2#
89	0.0	35.1	52.7#





#56

2,4-Dinitrotoluene

Concen: 5.49 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.19 min

Lab File: BF084097.D

Acq: 24 Dec 2015 23:49

Instrument :

BNA_F

ClientSampleId :

PB87558BL

Tgt Ion:165 Resp: 11770

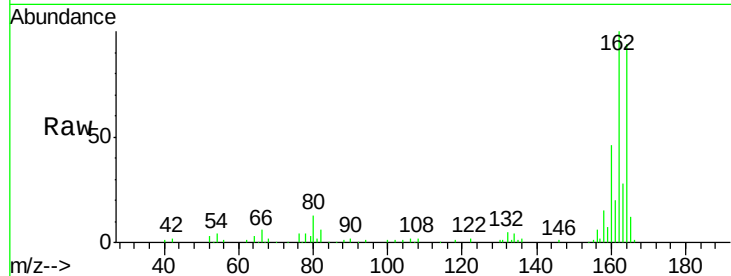
Ion Ratio Lower Upper

165 100

63 0.0 36.7 55.1#

89 0.0 61.9 92.9#

182 0.0 2.0 3.0#

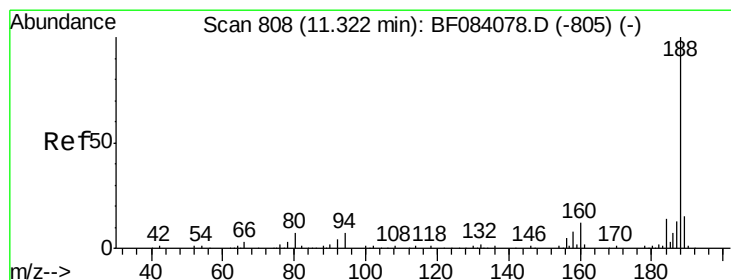
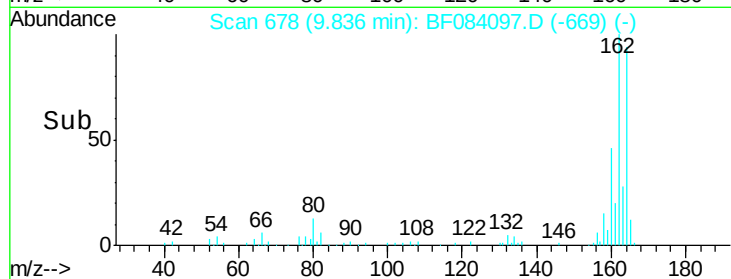
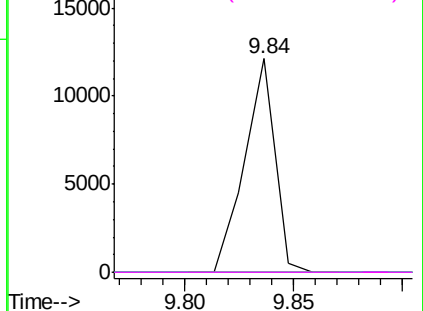


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.32 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF084097.D

Acq: 24 Dec 2015 23:49

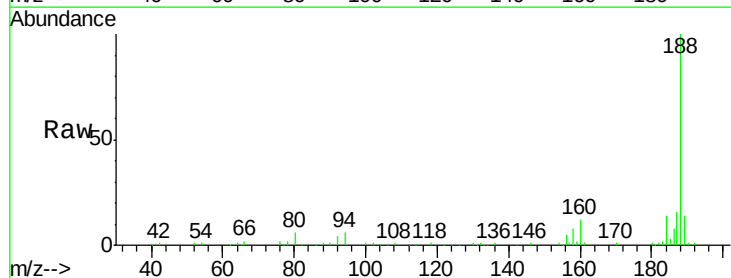
Tgt Ion:188 Resp: 174211

Ion Ratio Lower Upper

188 100

94 6.0 9.0 13.4#

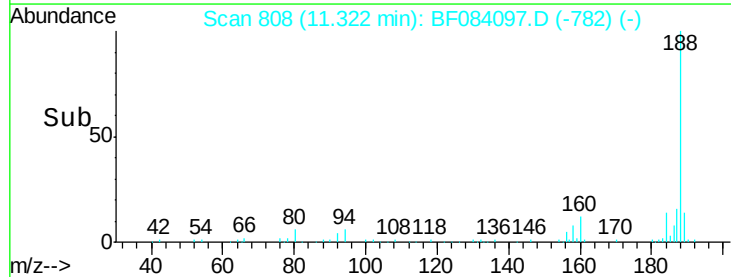
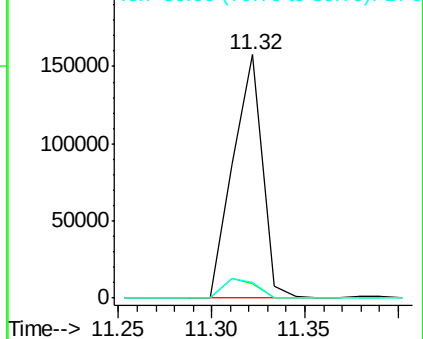
80 6.2 9.6 14.4#

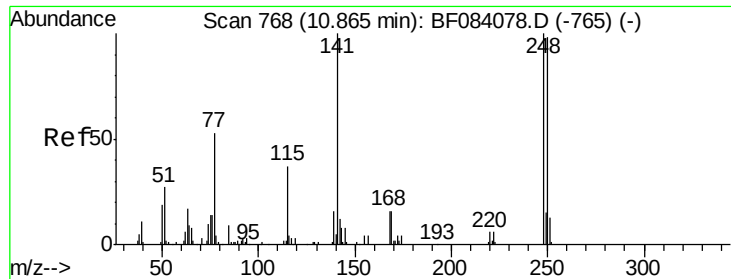


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

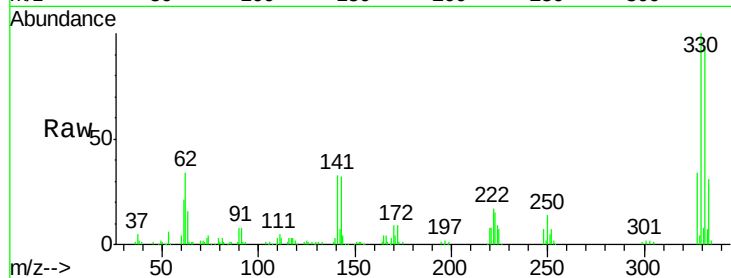




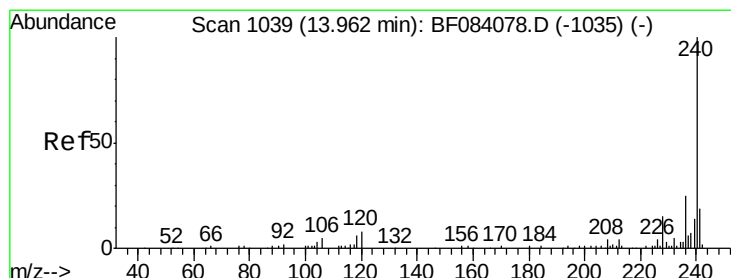
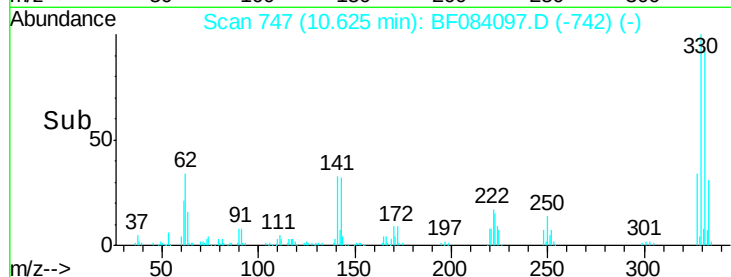
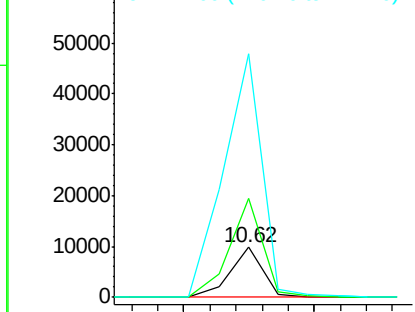
#66
 4-Bromophenyl-phenylether
 Concen: 4.23 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.24 min
 Lab File: BF084097.D
 Acq: 24 Dec 2015 23:49

Instrument :
 BNA_F
 ClientSampleId :
 PB87558BL

Tgt Ion:248 Resp: 8542
 Ion Ratio Lower Upper
 248 100
 250 198.6 78.4 117.6#
 141 488.5 44.0 66.0#

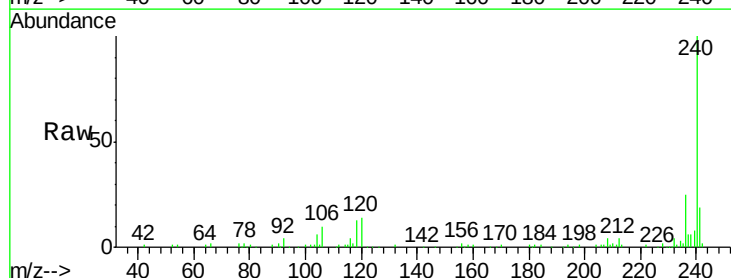


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

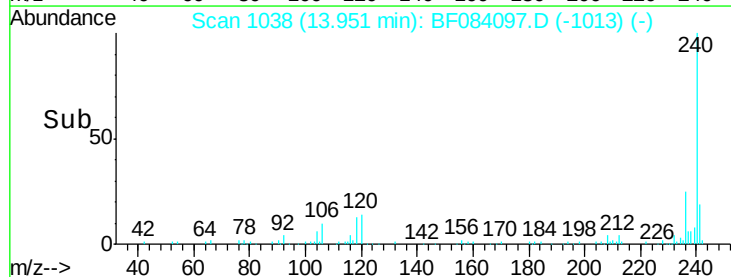
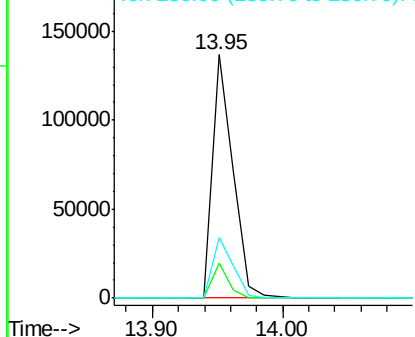


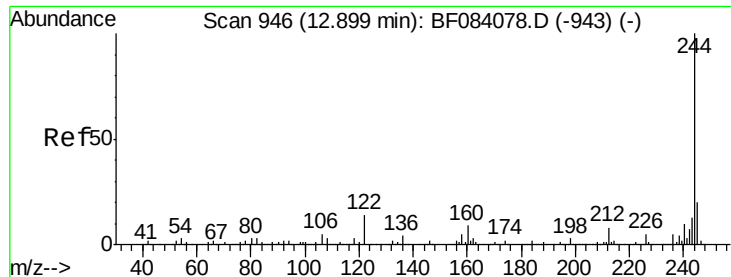
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF084097.D
 Acq: 24 Dec 2015 23:49

Tgt Ion:240 Resp: 149656
 Ion Ratio Lower Upper
 240 100
 120 14.4 9.5 14.3#
 236 25.1 20.6 31.0



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

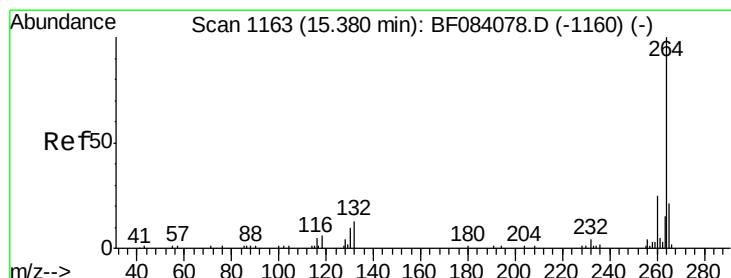
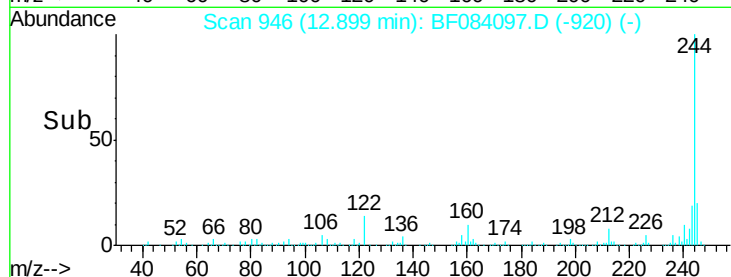
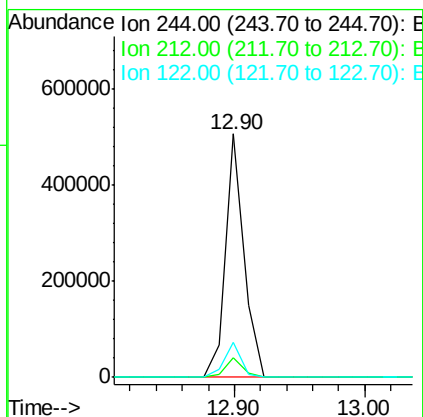
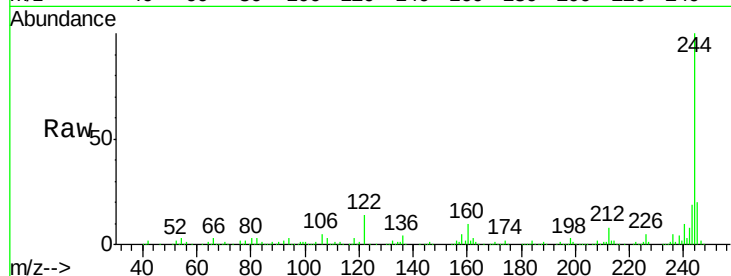




#78
 Terphenyl-d14
 Concen: 60.44 ng
 RT: 12.90 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF084097.D
 Acq: 24 Dec 2015 23:49

Instrument :
 BNA_F
 ClientSampleId :
 PB87558BL

Tgt Ion:244 Resp: 499893
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.7 8.5
 122 14.1 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.38 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF084097.D
 Acq: 24 Dec 2015 23:49

Tgt Ion:264 Resp: 106677
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.2
 265 22.1 17.8 26.6

