

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
 Data File : BF084090.D
 Acq On : 24 Dec 2015 20:29
 Operator : UM/SJ
 Sample : PB87543BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87543BL

Quant Time: Dec 25 01:42:42 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

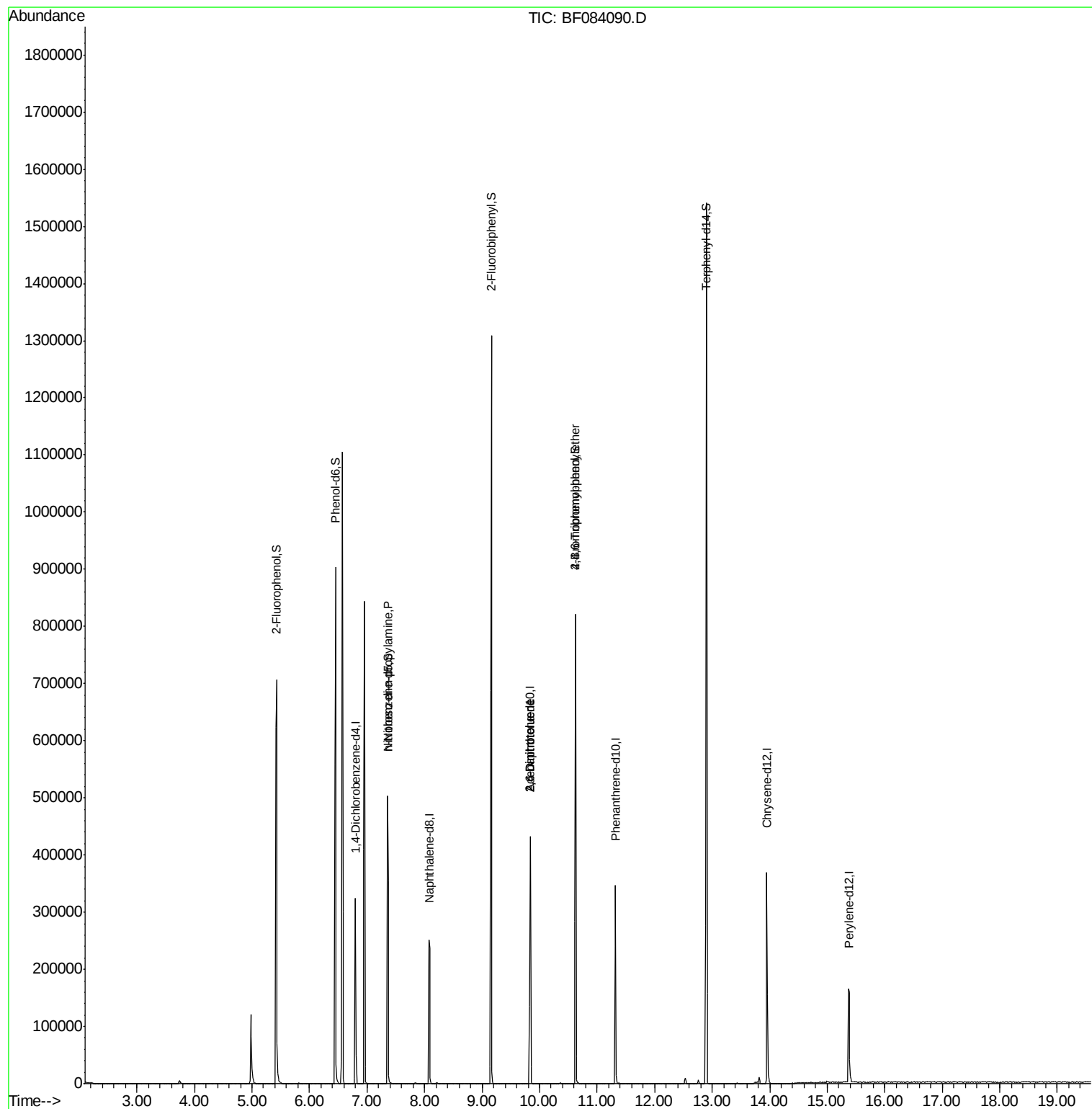
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	47229	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	179805	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	89909	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	166830	20.00	ng	0.00
75) Chrysene-d12	13.95	240	139555	20.00	ng	-0.01
86) Perylene-d12	15.38	264	101863	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	304023	109.14	ng	0.01
7) Phenol-d6	6.45	99	395261	114.67	ng	0.00
23) Nitrobenzene-d5	7.36	82	215041	70.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	102465	106.87	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	487529	74.19	ng	0.00
78) Terphenyl-d14	12.90	244	433363	56.19	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	28779	13.55	ng	# 76
50) 2,6-Dinitrotoluene	9.84	165	11996	7.59	ng	# 35
56) 2,4-Dinitrotoluene	9.84	165	11996	5.75	ng	# 20
66) 4-Bromophenyl-phenylether	10.62	248	7536	3.90	ng	# 1
74) Fluoranthene	12.53	202	7747	Below	Cal	98

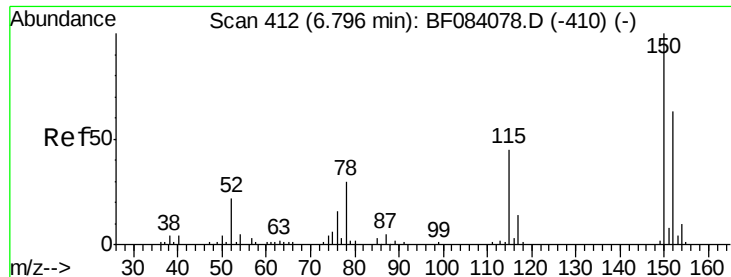
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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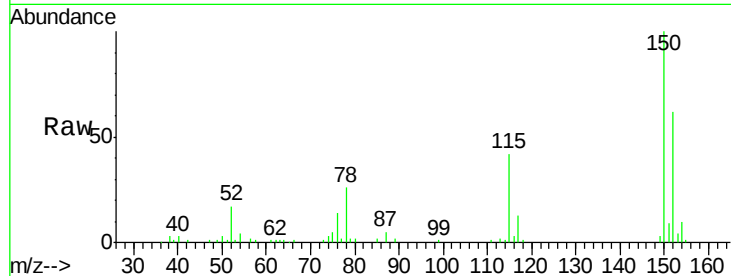




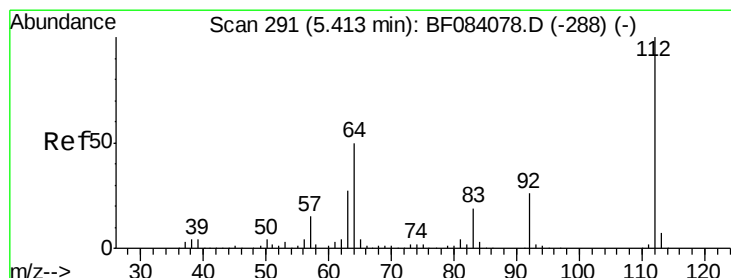
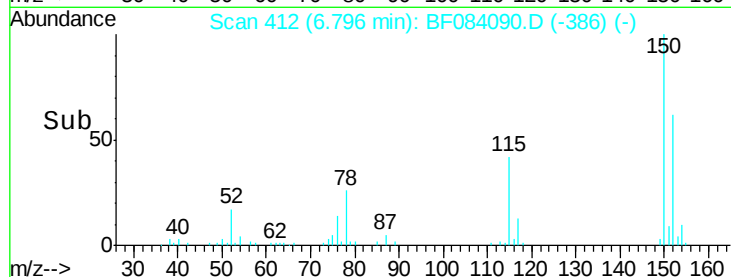
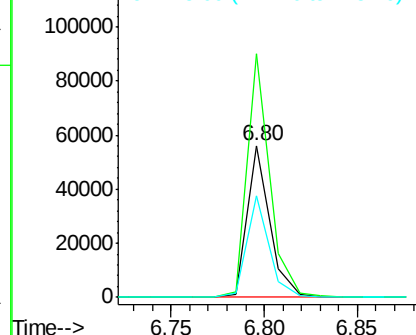
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 412
 Delta R.T. 0.00 min
 Lab File: BF084090.D
 Acq: 24 Dec 2015 20:29

Instrument :
 BNA_F
 ClientSampleId :
 PB87543BL

Tgt Ion:152 Resp: 47229
 Ion Ratio Lower Upper
 152 100
 150 160.6 123.0 184.4
 115 67.2 51.4 77.2

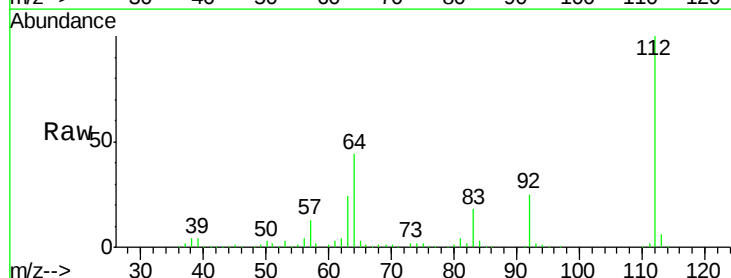


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

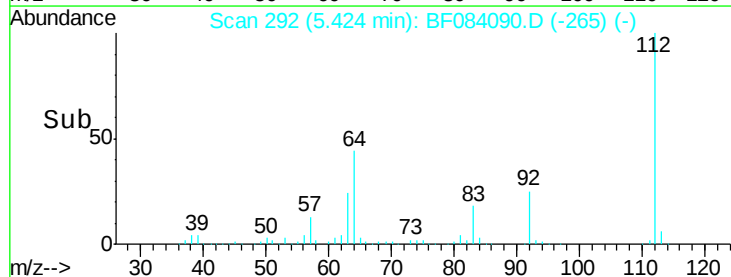
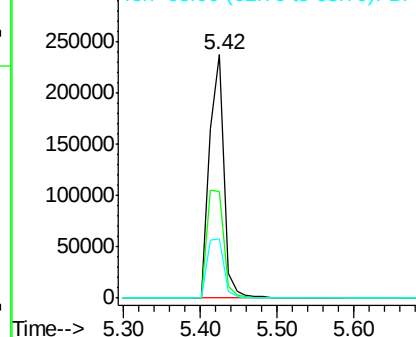


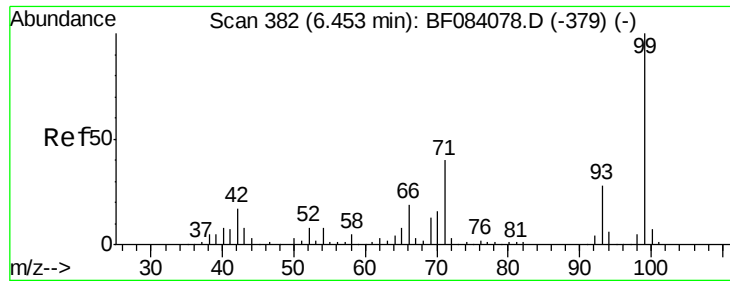
#5
 2-Fluorophenol
 Concen: 109.14 ng
 RT: 5.42 min Scan# 292
 Delta R.T. 0.01 min
 Lab File: BF084090.D
 Acq: 24 Dec 2015 20:29

Tgt Ion:112 Resp: 304023
 Ion Ratio Lower Upper
 112 100
 64 43.7 36.6 55.0
 63 24.4 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: 114.67 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF084090.D

Acq: 24 Dec 2015 20:29

Instrument :

BNA_F

ClientSampleId :

PB87543BL

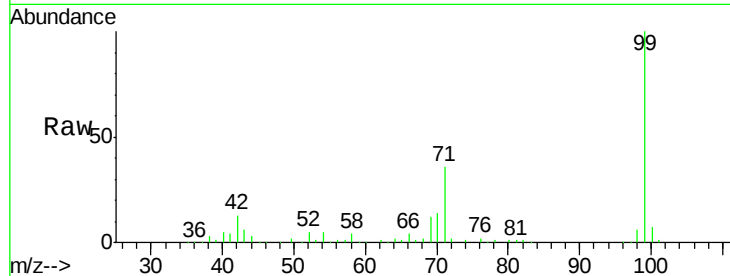
Tgt Ion: 99 Resp: 395261

Ion Ratio Lower Upper

99 100

42 13.2 12.8 19.2

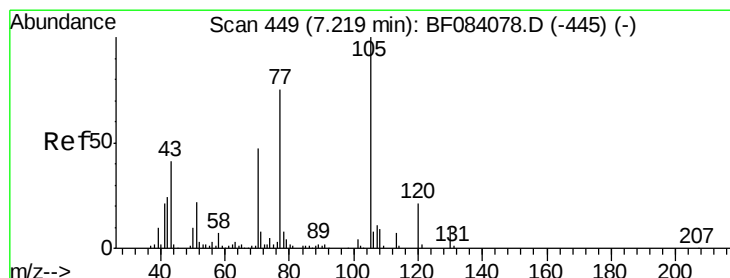
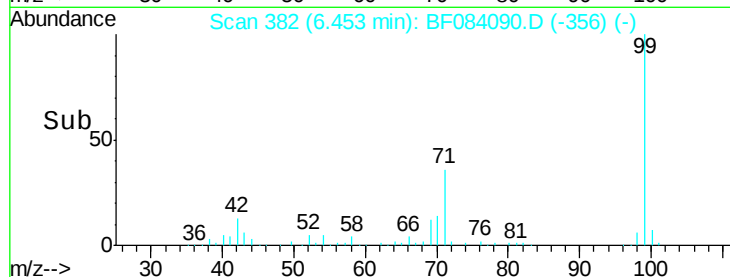
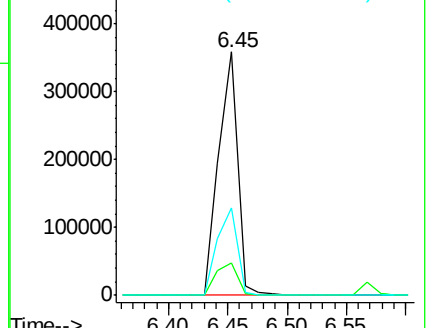
71 36.0 30.9 46.3



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: 13.55 ng

RT: 7.36 min Scan# 461

Delta R.T. 0.14 min

Lab File: BF084090.D

Acq: 24 Dec 2015 20:29

Tgt Ion: 70 Resp: 28779

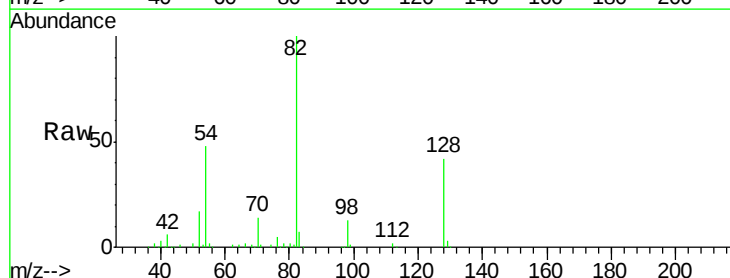
Ion Ratio Lower Upper

70 100

42 43.9 33.3 49.9

101 0.0 9.3 13.9#

130 2.1 23.4 35.0#

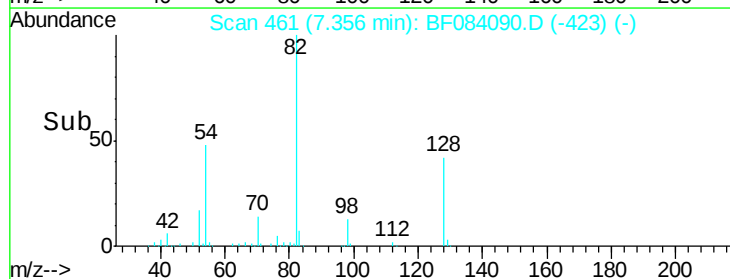
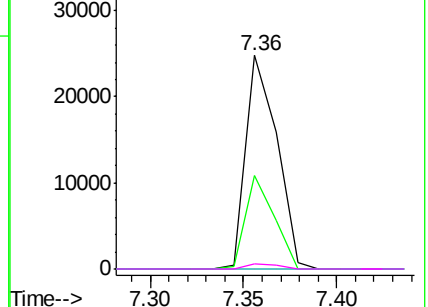


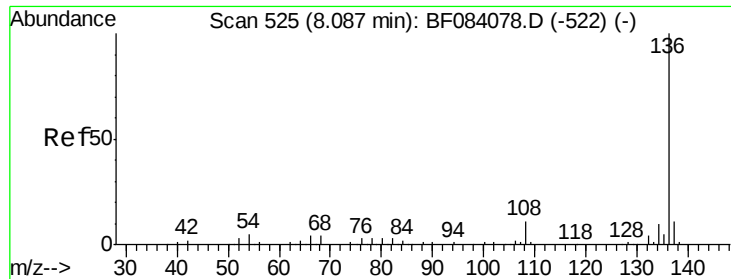
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

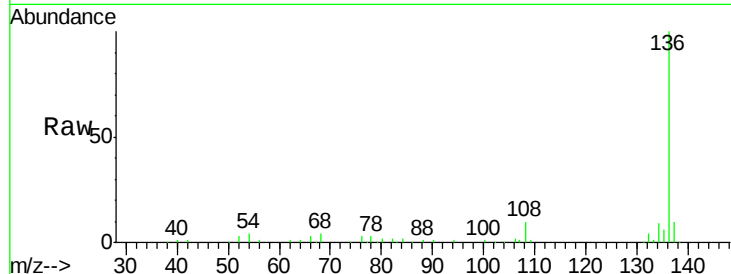




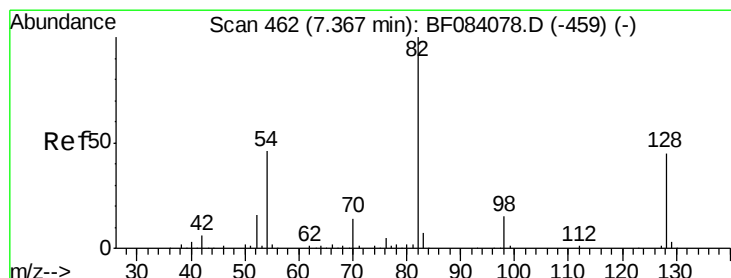
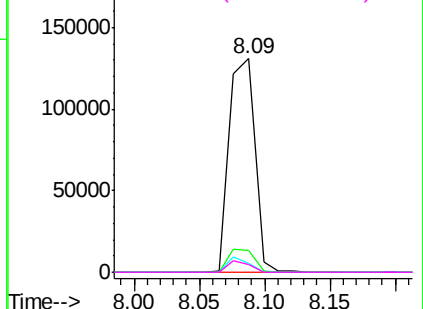
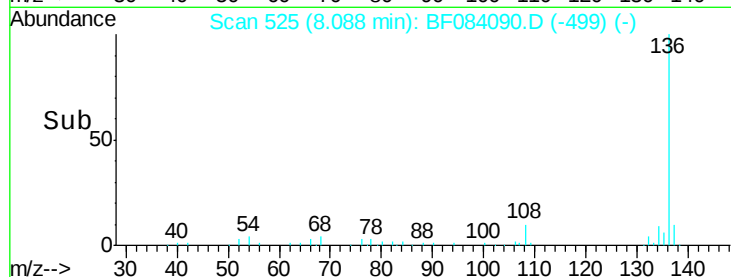
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF084090.D
Acq: 24 Dec 2015 20:29

Instrument :
BNA_F
ClientSampleId :
PB87543BL

Tgt Ion:	136	Resp:	179805
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	4.2	5.8	8.8#
68	3.7	4.2	6.2#

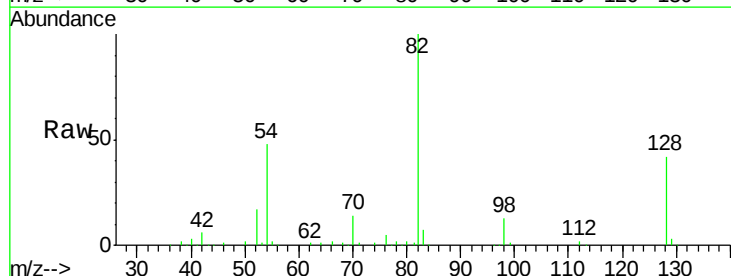


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

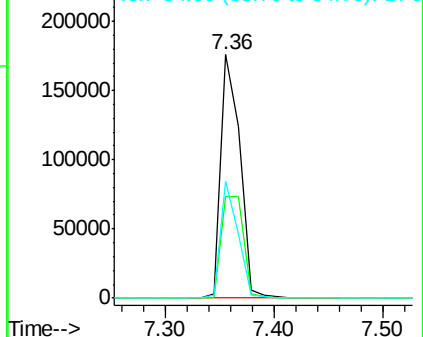
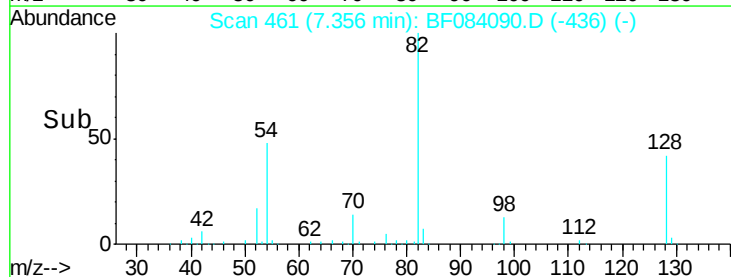


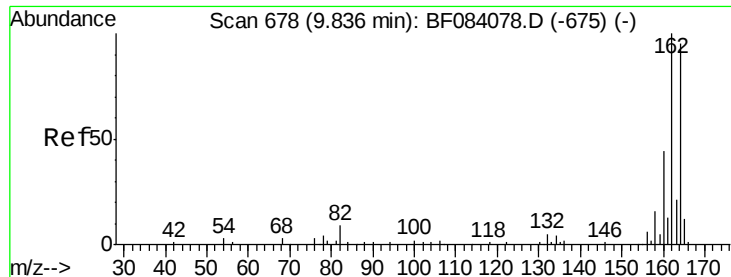
#23
Nitrobenzene-d5
Concen: 70.01 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF084090.D
Acq: 24 Dec 2015 20:29

Tgt Ion:	82	Resp:	215041
Ion	Ratio	Lower	Upper
82	100		
128	41.7	34.6	51.8
54	48.3	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: BF084090.D

Acq: 24 Dec 2015 20:29

Instrument :

BNA_F

ClientSampleId :

PB87543BL

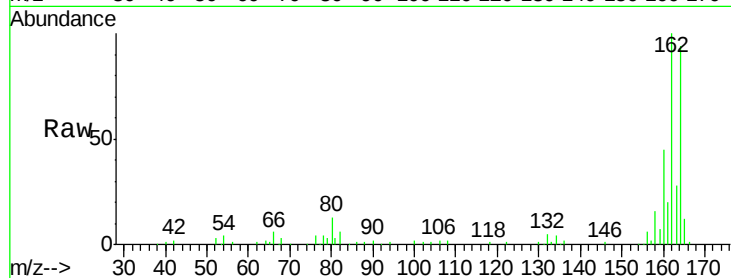
Tgt Ion:164 Resp: 89909

Ion Ratio Lower Upper

164 100

162 106.5 85.1 127.7

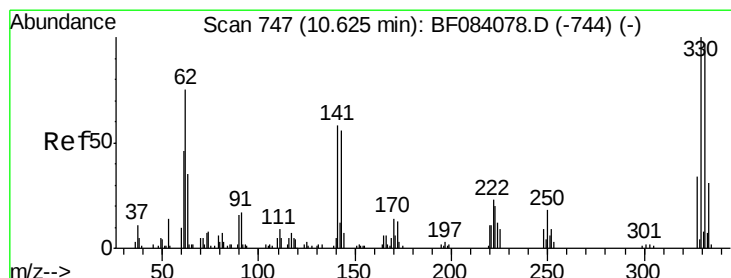
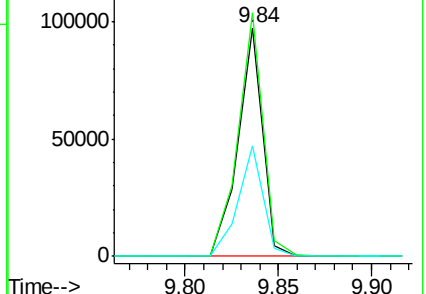
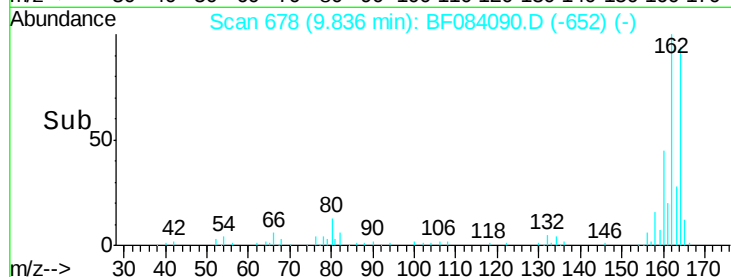
160 48.4 37.5 56.3



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: 106.87 ng

RT: 10.62 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF084090.D

Acq: 24 Dec 2015 20:29

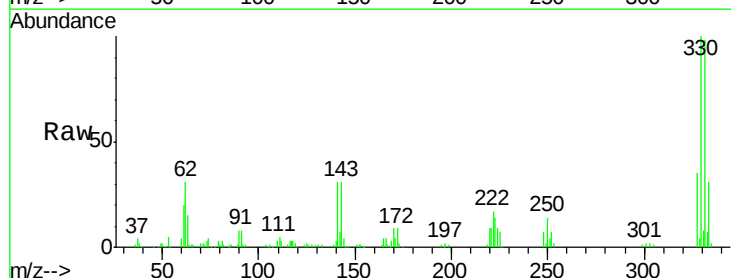
Tgt Ion:330 Resp: 102465

Ion Ratio Lower Upper

330 100

332 97.8 76.6 114.8

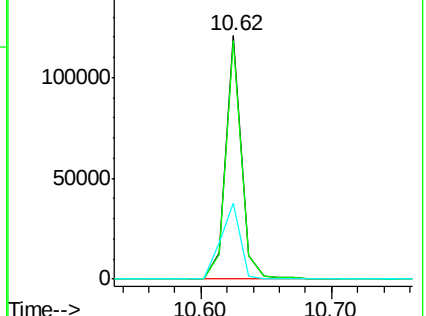
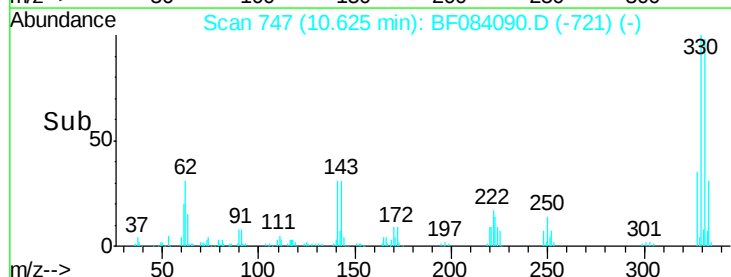
141 38.6 27.8 41.6

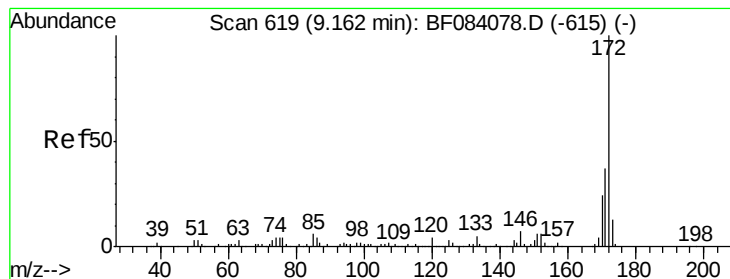


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 74.19 ng

RT: 9.16 min Scan# 619

Delta R.T. 0.00 min

Lab File: BF084090.D

Acq: 24 Dec 2015 20:29

Instrument :

BNA_F

ClientSampleId :

PB87543BL

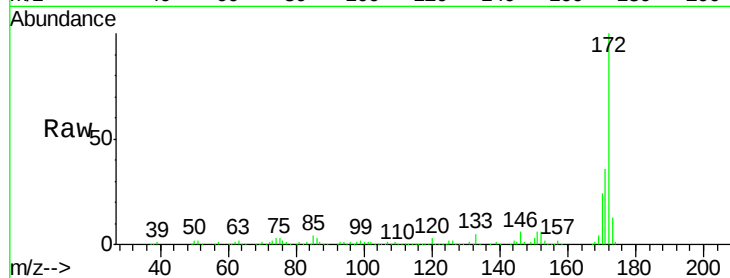
Tgt Ion:172 Resp: 487529

Ion Ratio Lower Upper

172 100

171 36.2 28.9 43.3

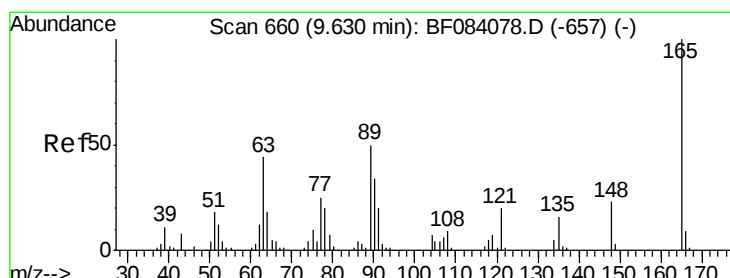
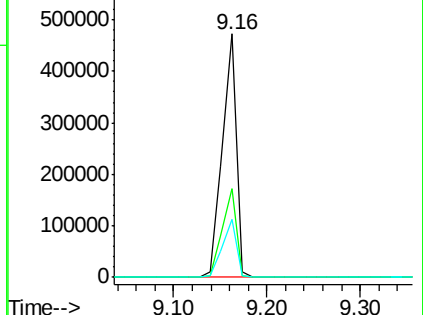
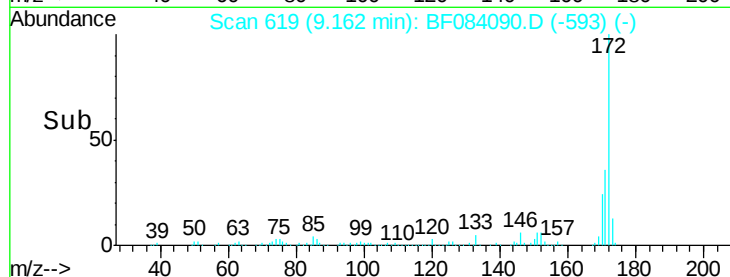
170 24.0 18.6 27.8



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



#50

2,6-Dinitrotoluene

Concen: 7.59 ng

RT: 9.84 min Scan# 678

Delta R.T. 0.21 min

Lab File: BF084090.D

Acq: 24 Dec 2015 20:29

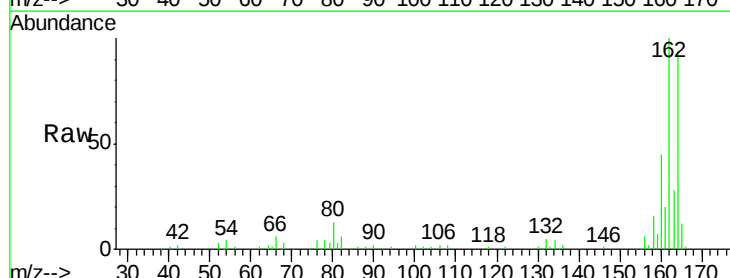
Tgt Ion:165 Resp: 11996

Ion Ratio Lower Upper

165 100

63 0.0 28.8 43.2#

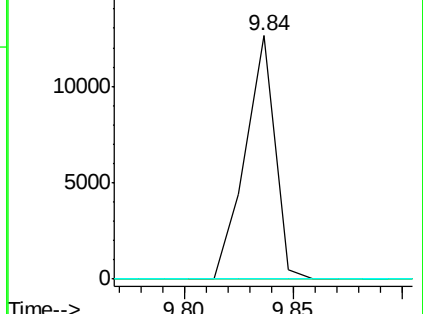
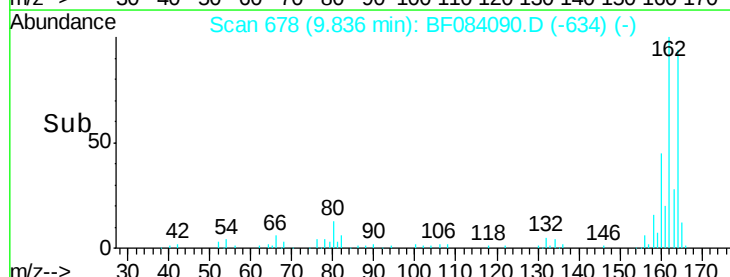
89 0.0 35.1 52.7#

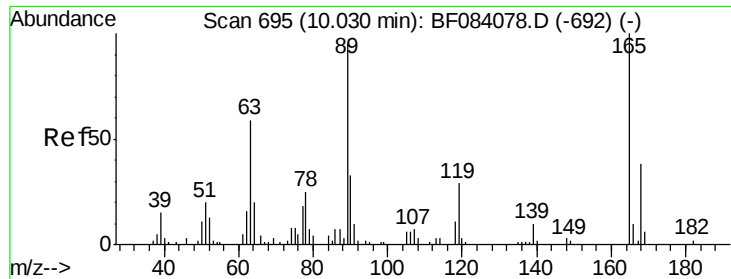


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

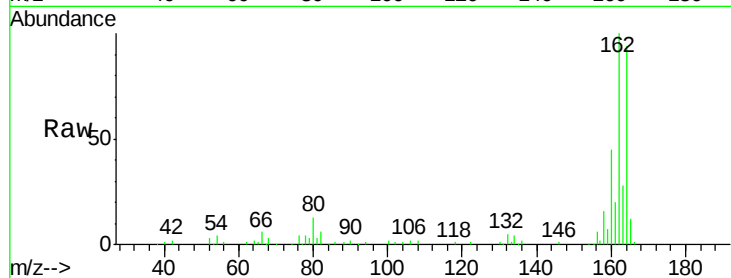




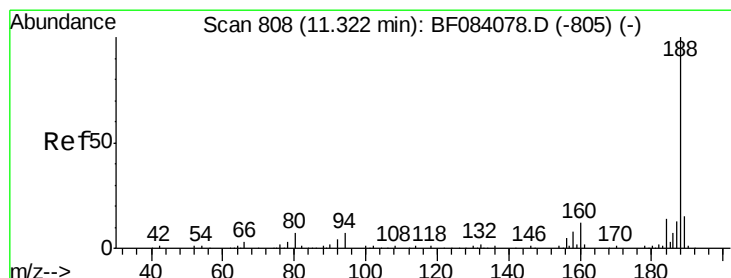
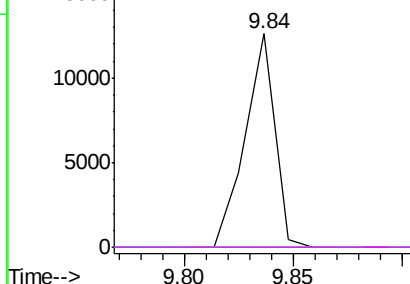
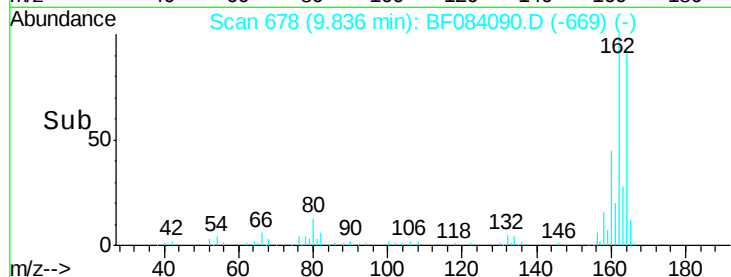
#56
2,4-Dinitrotoluene
Concen: 5.75 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.19 min
Lab File: BF084090.D
Acq: 24 Dec 2015 20:29

Instrument :
BNA_F
ClientSampleId :
PB87543BL

Tgt Ion:165 Resp: 11996
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#

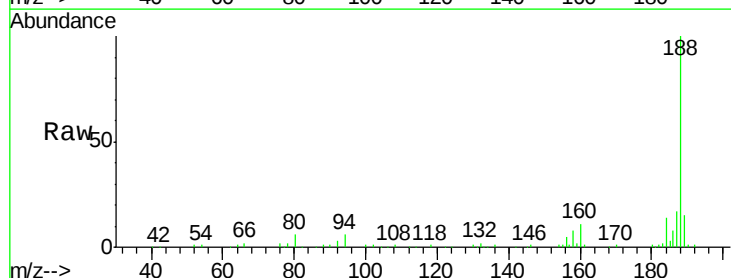


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

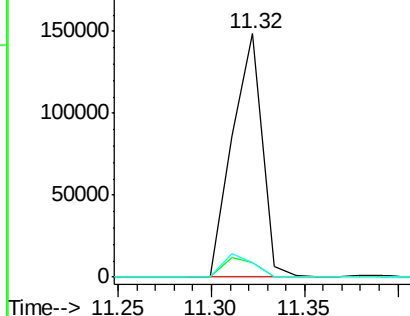
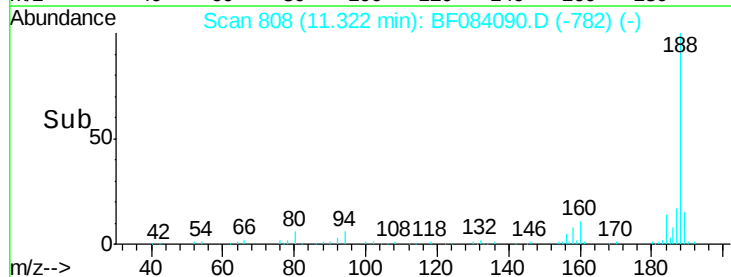


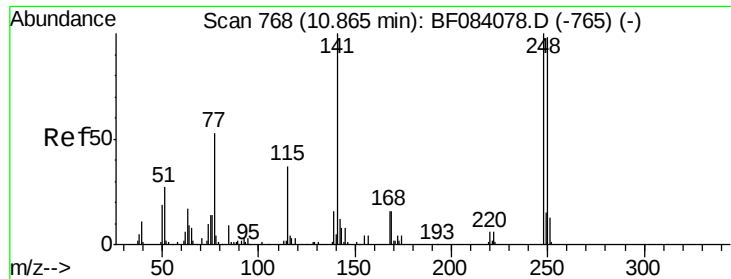
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF084090.D
Acq: 24 Dec 2015 20:29

Tgt Ion:188 Resp: 166830
Ion Ratio Lower Upper
188 100
94 5.7 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

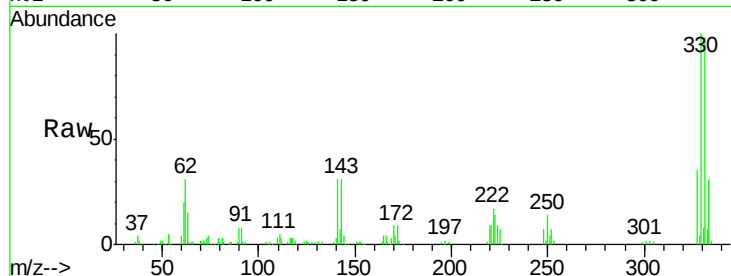




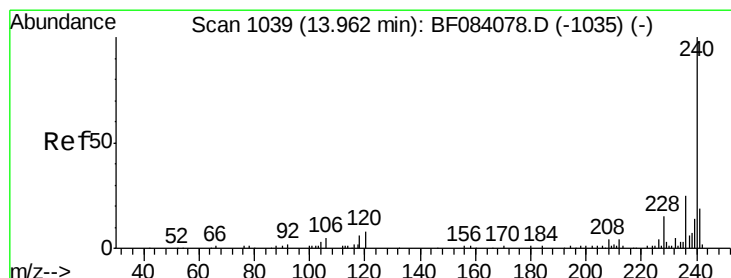
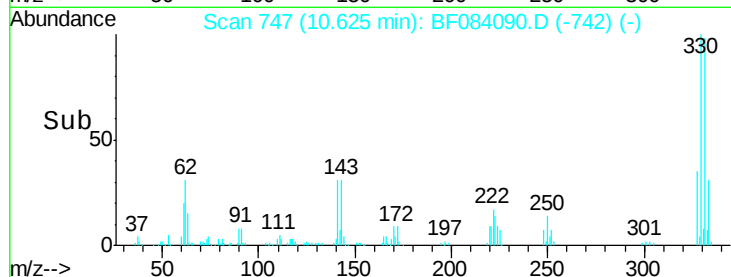
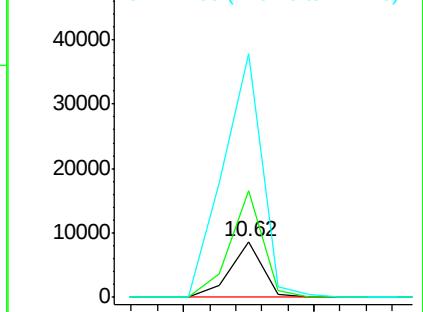
#66
 4-Bromophenyl-phenylether
 Concen: 3.90 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.24 min
 Lab File: BF084090.D
 Acq: 24 Dec 2015 20:29

Instrument :
 BNA_F
 ClientSampleId :
 PB87543BL

Tgt Ion:248 Resp: 7536
 Ion Ratio Lower Upper
 248 100
 250 192.9 78.4 117.6#
 141 438.0 44.0 66.0#

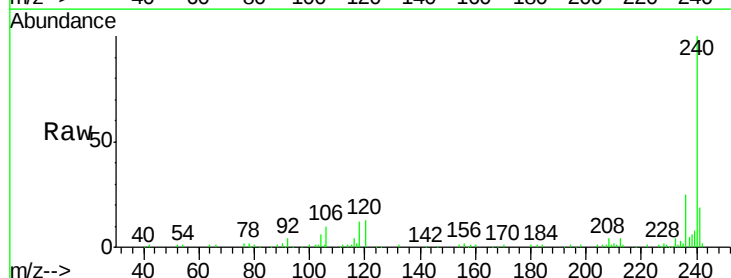


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

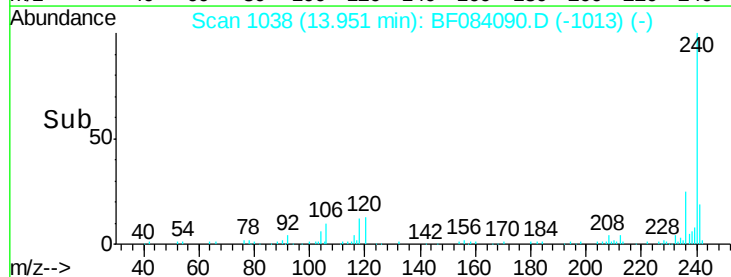
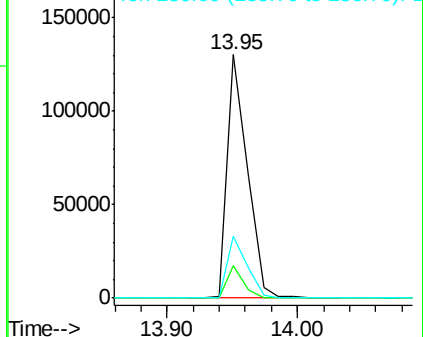


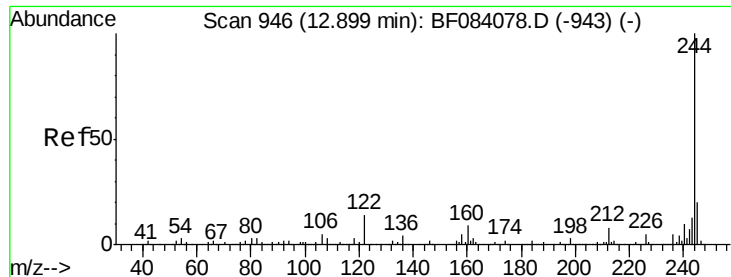
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF084090.D
 Acq: 24 Dec 2015 20:29

Tgt Ion:240 Resp: 139555
 Ion Ratio Lower Upper
 240 100
 120 13.3 9.5 14.3
 236 25.2 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

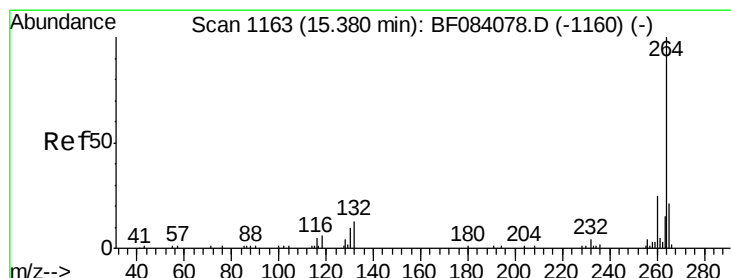
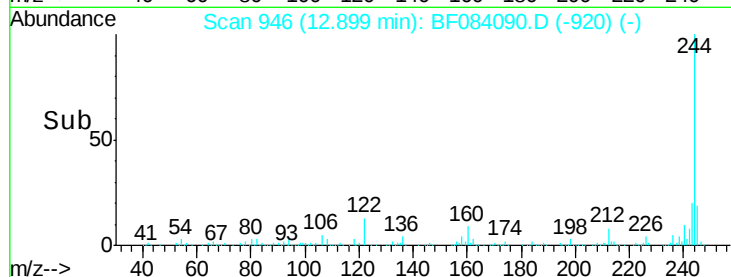
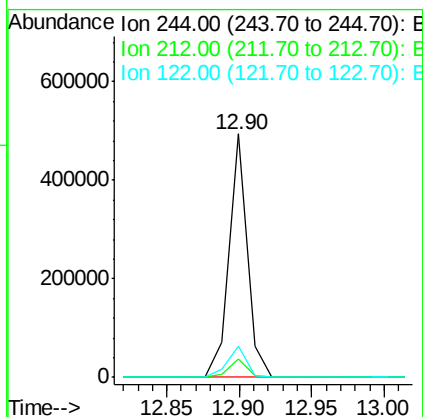
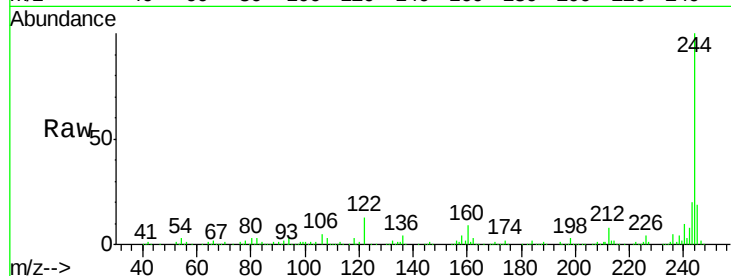




#78
 Terphenyl-d14
 Concen: 56.19 ng
 RT: 12.90 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF084090.D
 Acq: 24 Dec 2015 20:29

Instrument :
 BNA_F
 ClientSampleId :
 PB87543BL

Tgt Ion:244 Resp: 433363
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.7 8.5
 122 12.8 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: BF084090.D
 Acq: 24 Dec 2015 20:29

Tgt Ion:264 Resp: 101863
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 21.4 17.8 26.6

