

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
 Data File : BF084083.D
 Acq On : 24 Dec 2015 17:07
 Operator : UM/SJ
 Sample : PB87523BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87523BL

Quant Time: Dec 25 01:36:52 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

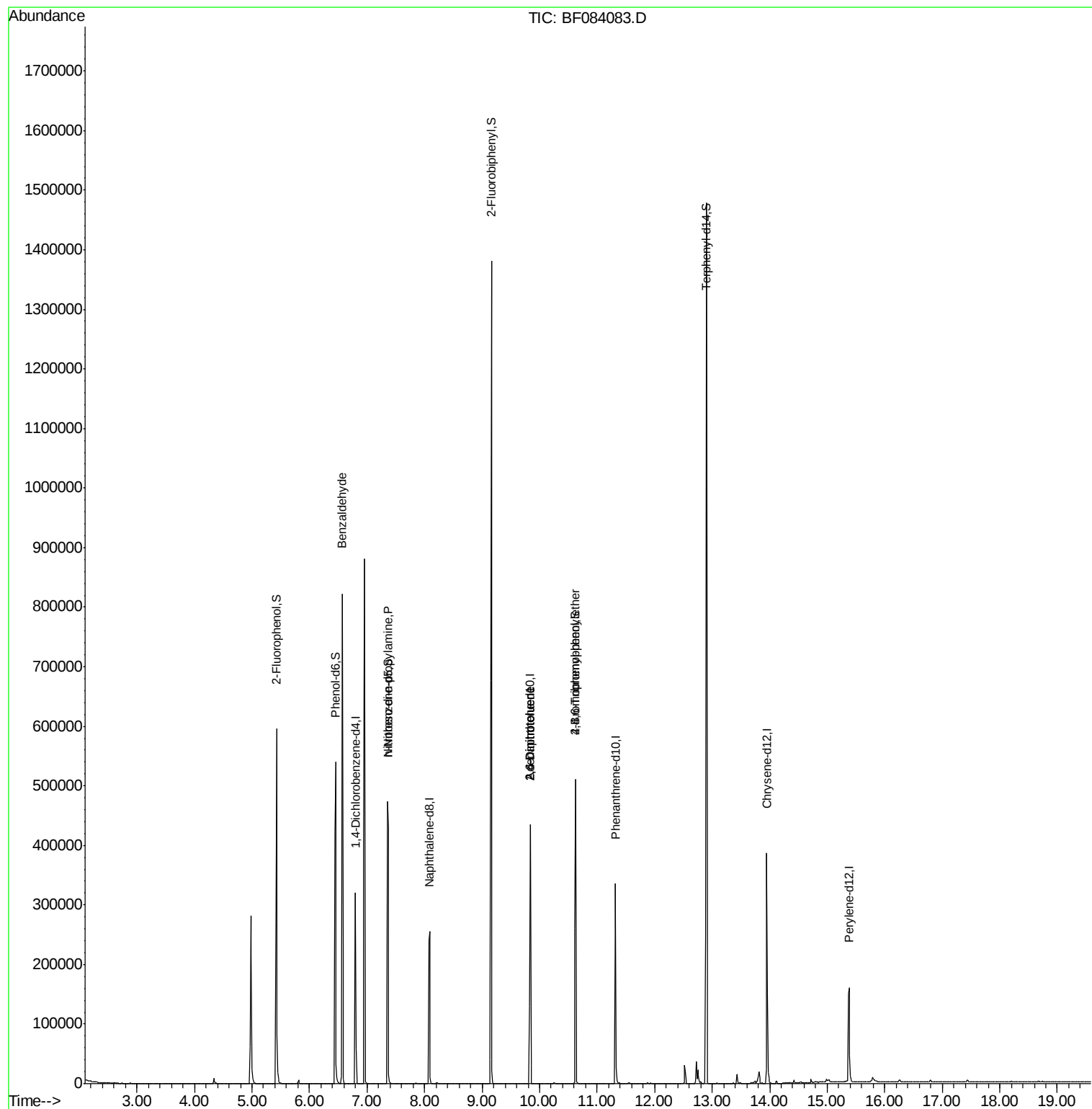
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	48480	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	182929	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	89726	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	167118	20.00	ng	0.00
75) Chrysene-d12	13.95	240	142364	20.00	ng	-0.01
86) Perylene-d12	15.38	264	96486	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	204130	71.39	ng	0.01
7) Phenol-d6	6.45	99	264939	74.88	ng	0.00
23) Nitrobenzene-d5	7.36	82	222824	71.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	72536	75.81	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	503769	76.82	ng	0.00
78) Terphenyl-d14	12.90	244	444024	56.44	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.57	77	4953	2.62	ng	85
19) n-Nitroso-di-n-propylamine	7.36	70	29613	13.59	ng	# 75
50) 2,6-Dinitrotoluene	9.84	165	11145	7.07	ng	# 35
56) 2,4-Dinitrotoluene	9.84	165	11145	5.35	ng	# 20
66) 4-Bromophenyl-phenylether	10.62	248	5106	2.64	ng	# 1
74) Fluoranthene	12.52	202	22352	Below Cal		96

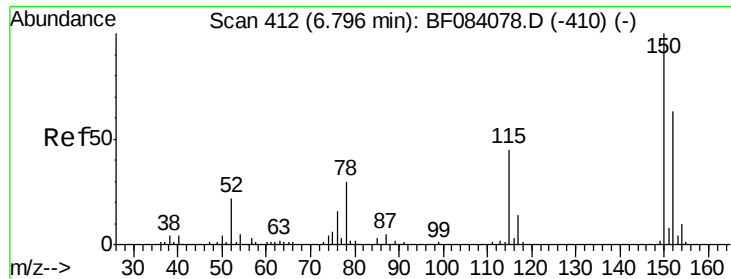
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
Data File : BF084083.D
Acq On : 24 Dec 2015 17:07
Operator : UM/SJ
Sample : PB87523BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB87523BL

Quant Time: Dec 25 01:36:52 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF084083.D

Acq: 24 Dec 2015 17:07

Instrument :

BNA_F

ClientSampleId :

PB87523BL

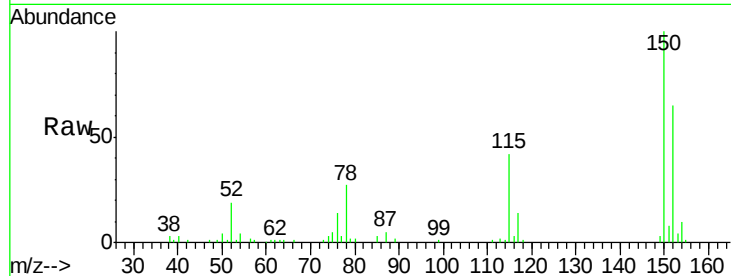
Tgt Ion:152 Resp: 48480

Ion Ratio Lower Upper

152 100

150 152.7 123.0 184.4

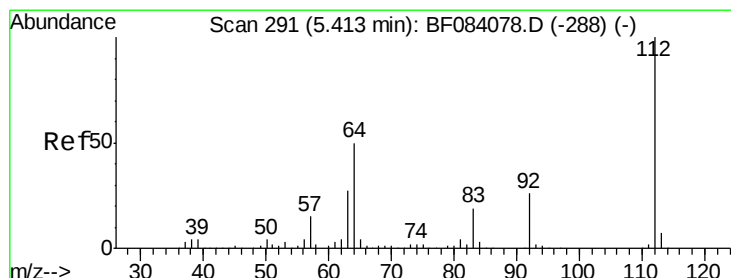
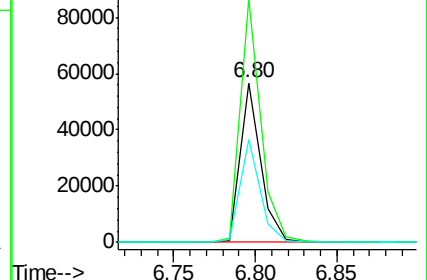
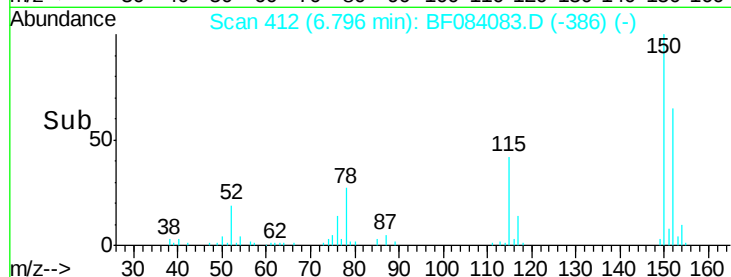
115 64.1 51.4 77.2



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: 71.39 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF084083.D

Acq: 24 Dec 2015 17:07

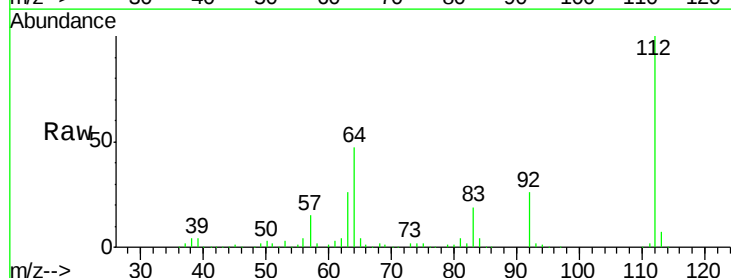
Tgt Ion:112 Resp: 204130

Ion Ratio Lower Upper

112 100

64 47.3 36.6 55.0

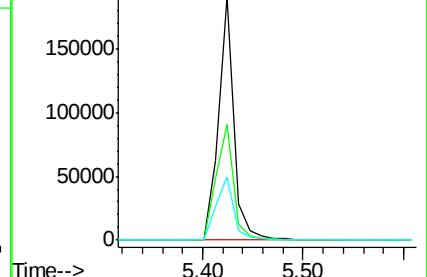
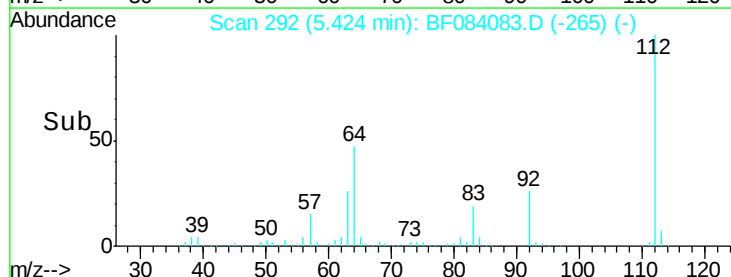
63 25.7 19.4 29.0

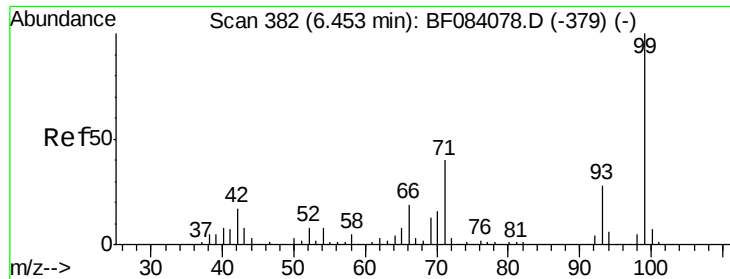


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 74.88 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF084083.D

Acq: 24 Dec 2015 17:07

Instrument :

BNA_F

ClientSampleId :

PB87523BL

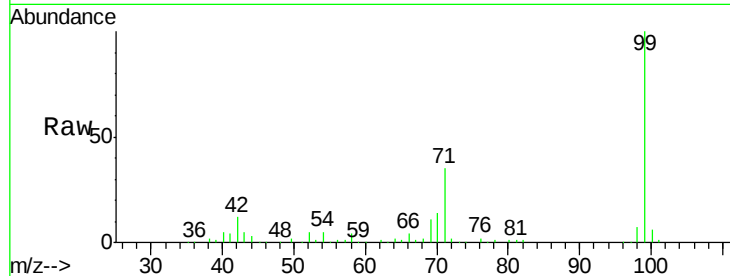
Tgt Ion: 99 Resp: 264939

Ion Ratio Lower Upper

99 100

42 12.4 12.8 19.2#

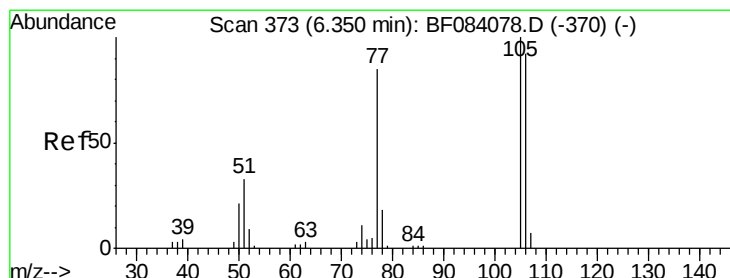
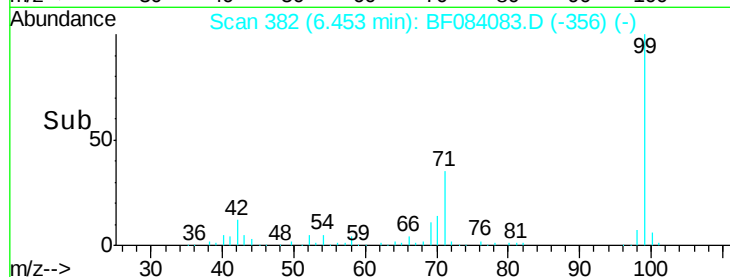
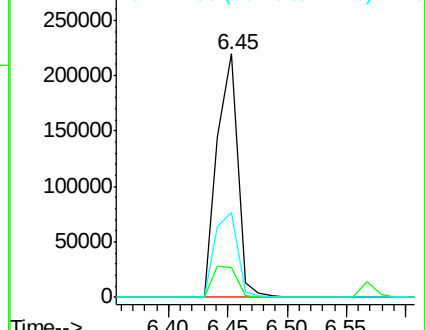
71 34.7 30.9 46.3



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



#9

Benzaldehyde

Concen: 2.62 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.22 min

Lab File: BF084083.D

Acq: 24 Dec 2015 17:07

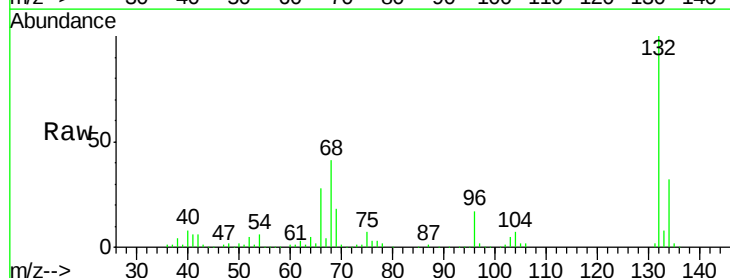
Tgt Ion: 77 Resp: 4953

Ion Ratio Lower Upper

77 100

105 87.2 83.0 123.0

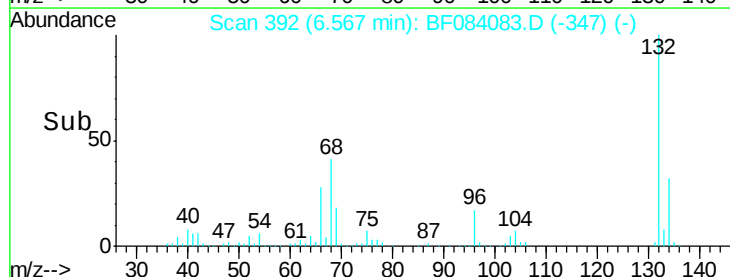
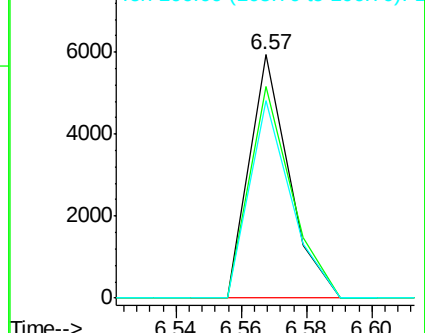
106 81.2 74.6 114.6

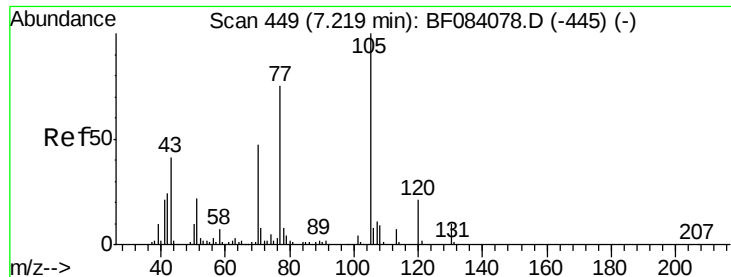


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

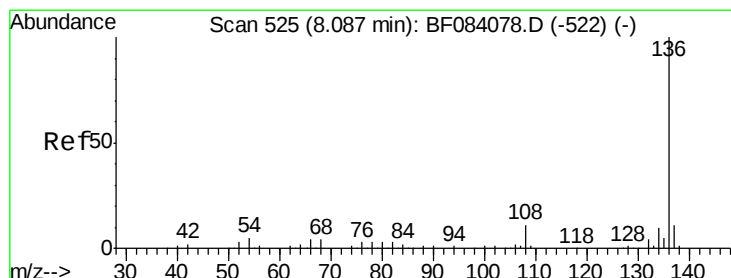
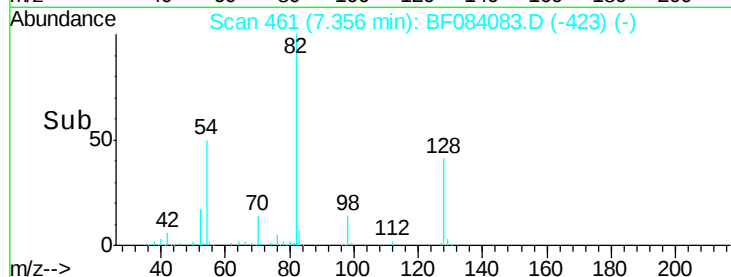
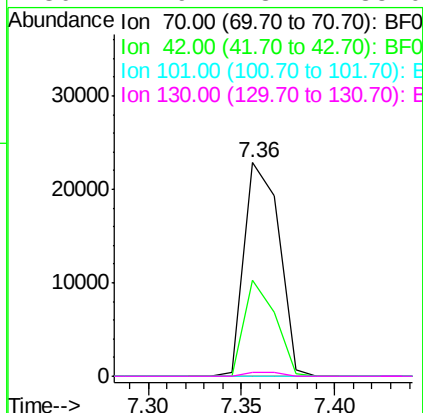
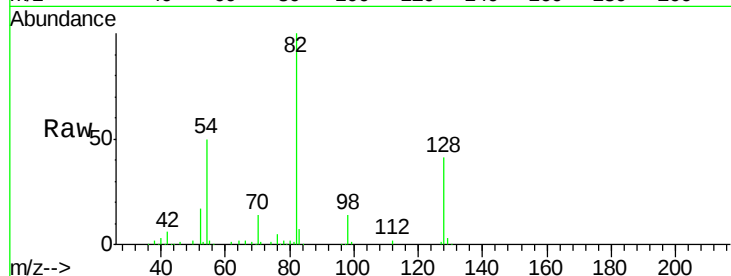




#19
n-Nitroso-di-n-propylamine
Concen: 13.59 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.14 min
Lab File: BF084083.D
Acq: 24 Dec 2015 17:07

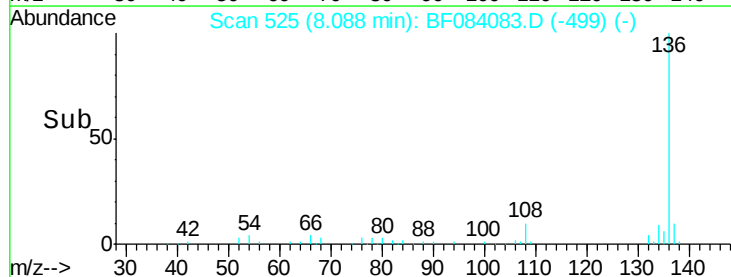
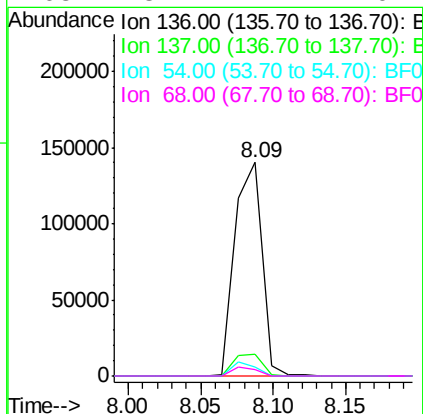
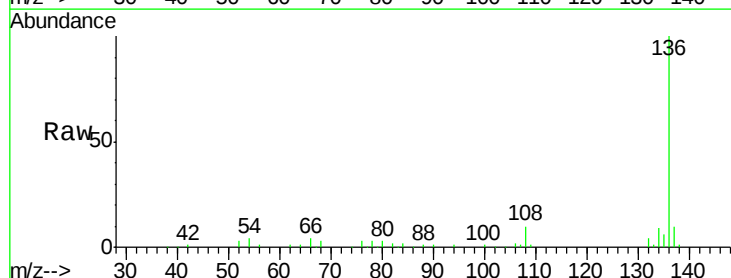
Instrument :
BNA_F
ClientSampleId :
PB87523BL

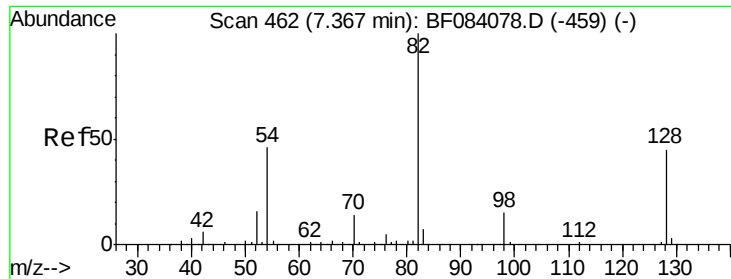
Tgt Ion: 70 Resp: 29613
Ion Ratio Lower Upper
70 100
42 45.0 33.3 49.9
101 0.0 9.3 13.9#
130 1.9 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF084083.D
Acq: 24 Dec 2015 17:07

Tgt Ion: 136 Resp: 182929
Ion Ratio Lower Upper
136 100
137 10.4 8.7 13.1
54 4.1 5.8 8.8#
68 3.1 4.2 6.2#

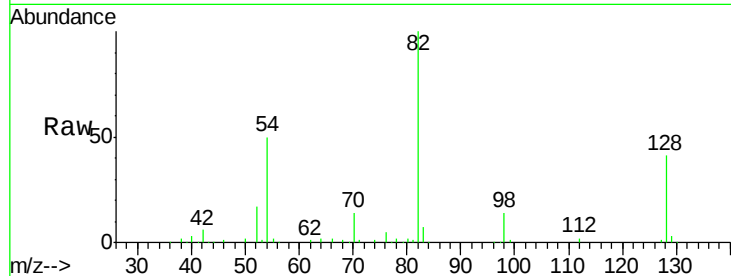




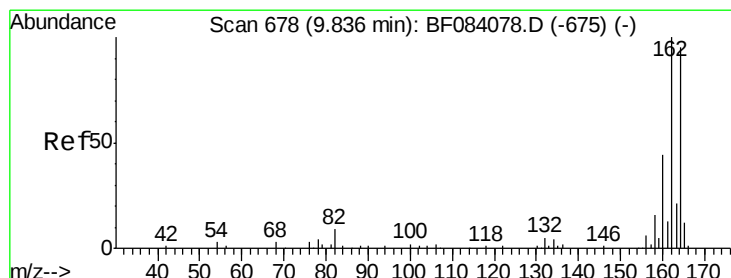
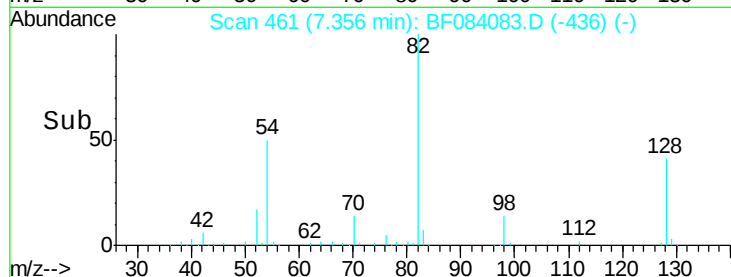
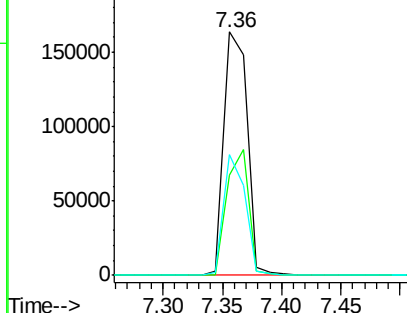
#23
Nitrobenzene-d5
Concen: 71.30 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF084083.D
Acq: 24 Dec 2015 17:07

Instrument :
BNA_F
ClientSampleId :
PB87523BL

Tgt Ion: 82 Resp: 222824
Ion Ratio Lower Upper
82 100
128 41.3 34.6 51.8
54 49.5 38.4 57.6

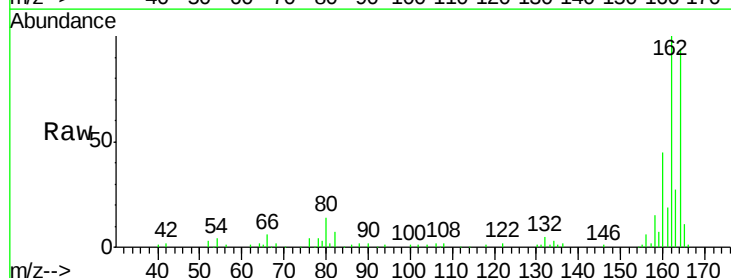


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

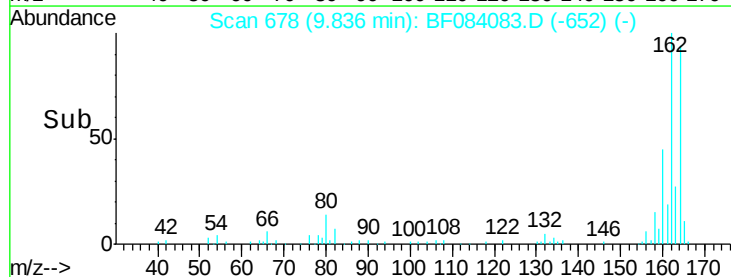
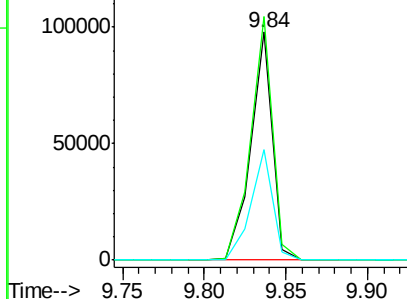


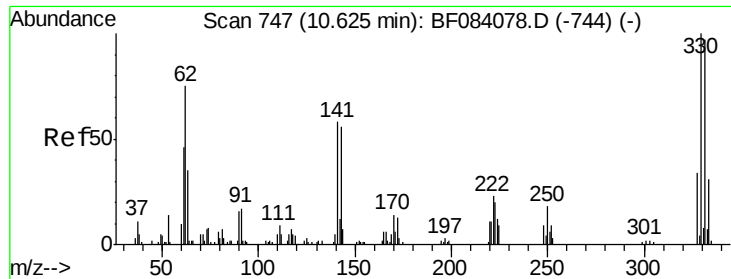
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF084083.D
Acq: 24 Dec 2015 17:07

Tgt Ion: 164 Resp: 89726
Ion Ratio Lower Upper
164 100
162 106.8 85.1 127.7
160 48.2 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

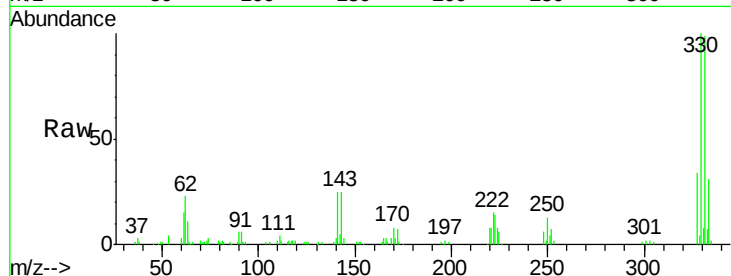




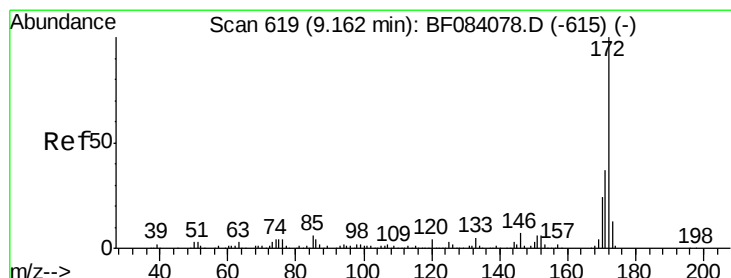
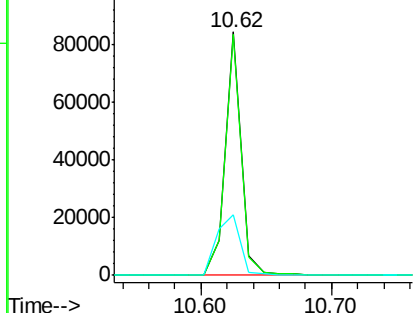
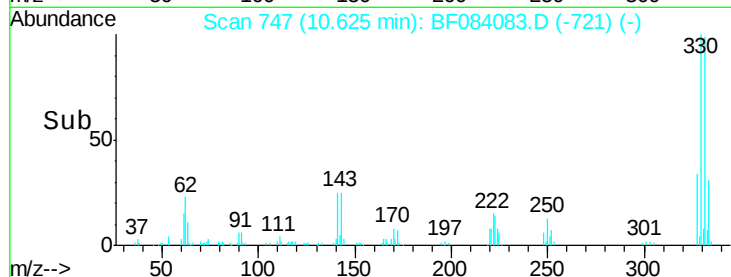
#41
 2,4,6-Tribromophenol
 Concen: 75.81 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF084083.D
 Acq: 24 Dec 2015 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB87523BL

Tgt Ion: 330 Resp: 72536
 Ion Ratio Lower Upper
 330 100
 332 98.3 76.6 114.8
 141 36.7 27.8 41.6

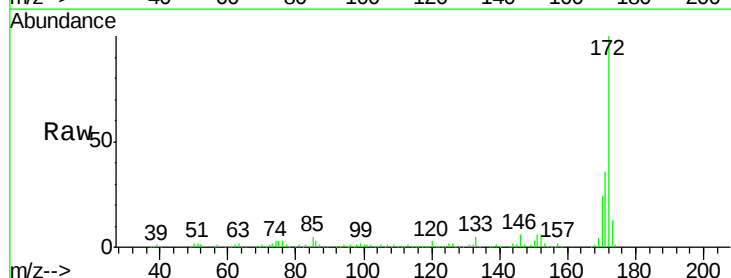


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

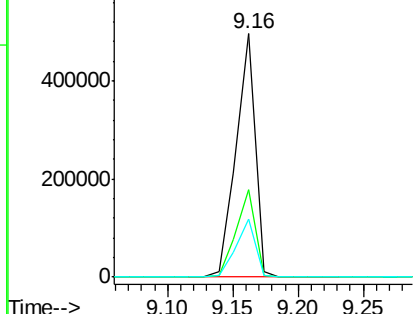
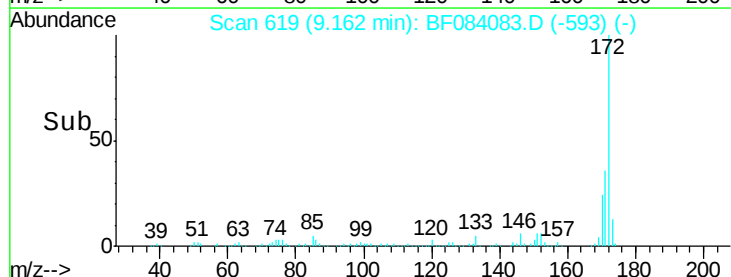


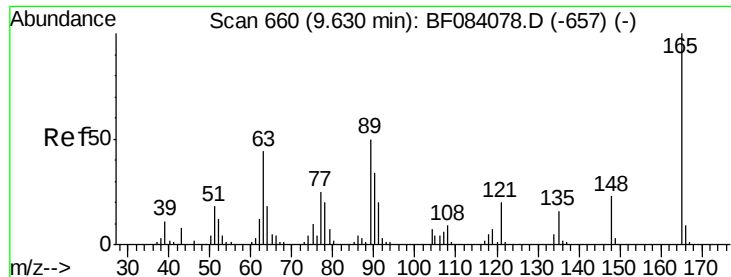
#44
 2-Fluorobiphenyl
 Concen: 76.82 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF084083.D
 Acq: 24 Dec 2015 17:07

Tgt Ion: 172 Resp: 503769
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.9 43.3
 170 23.8 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

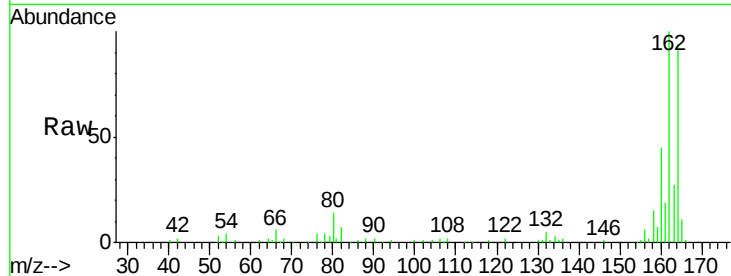




#50
 2,6-Dinitrotoluene
 Concen: 7.07 ng
 RT: 9.84 min Scan# 678
 Delta R.T. 0.21 min
 Lab File: BF084083.D
 Acq: 24 Dec 2015 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB87523BL

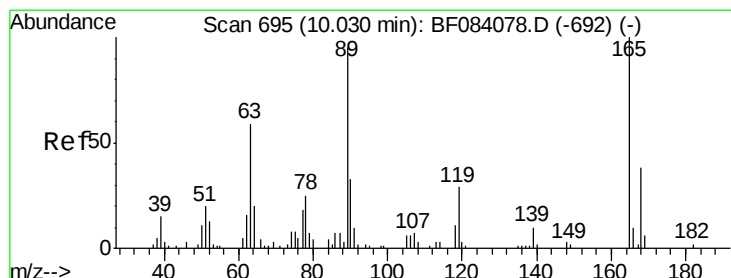
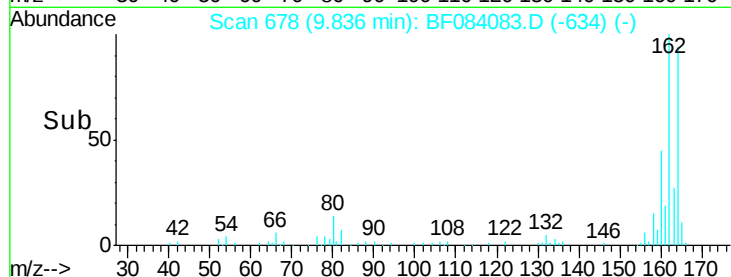
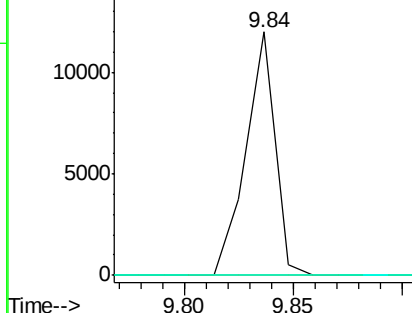
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.8	43.2#
89	0.0	35.1	52.7#



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: 5.35 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.19 min
 Lab File: BF084083.D
 Acq: 24 Dec 2015 17:07

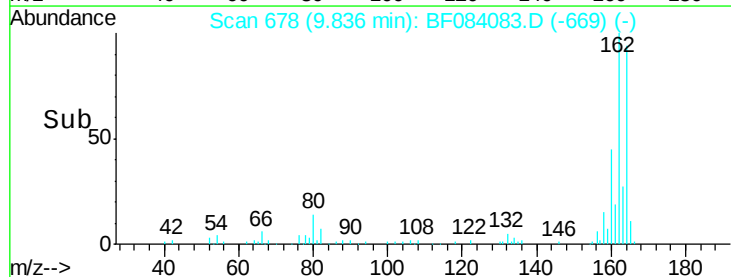
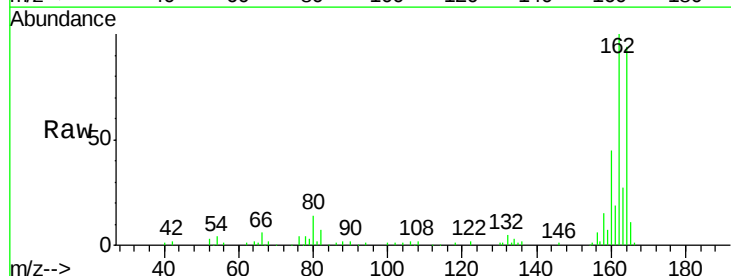
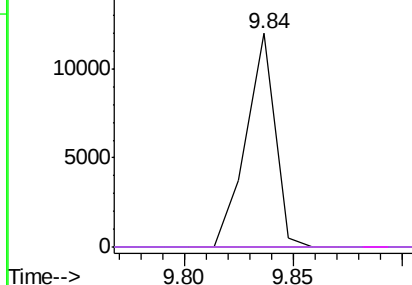
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.7	55.1#
89	0.0	61.9	92.9#
182	0.0	2.0	3.0#

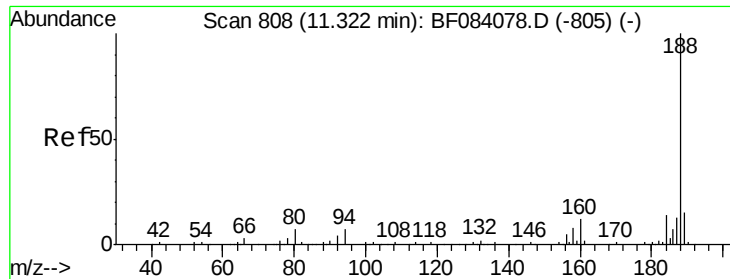
Abundance Ion 165.00 (164.70 to 165.70): E

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

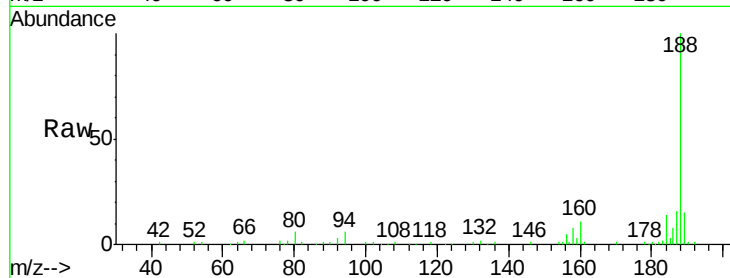




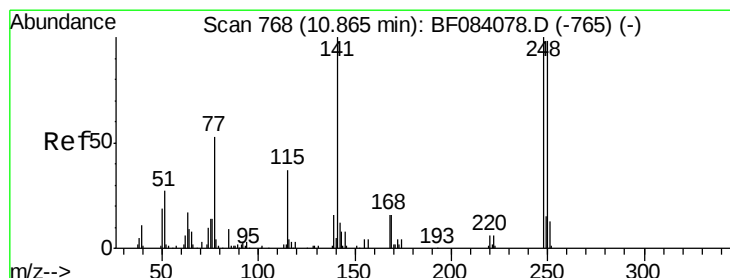
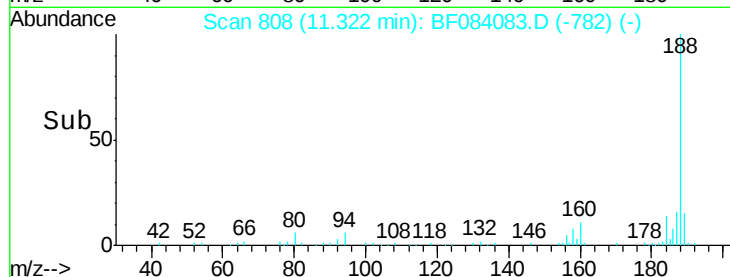
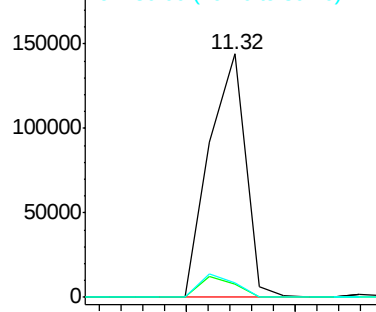
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF084083.D
 Acq: 24 Dec 2015 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB87523BL

Tgt Ion:188 Resp: 167118
 Ion Ratio Lower Upper
 188 100
 94 5.7 9.0 13.4#
 80 6.1 9.6 14.4#

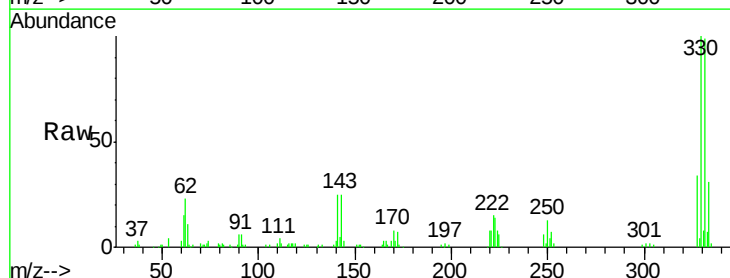


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

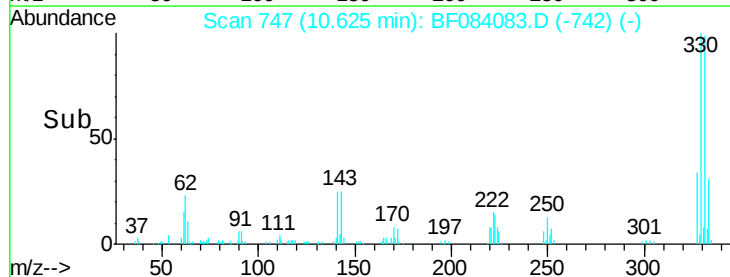
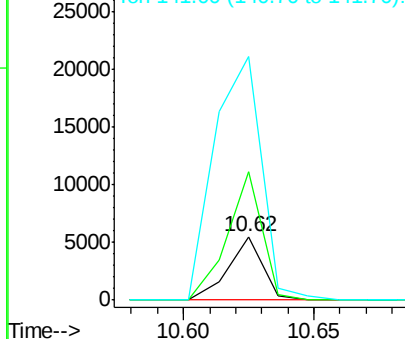


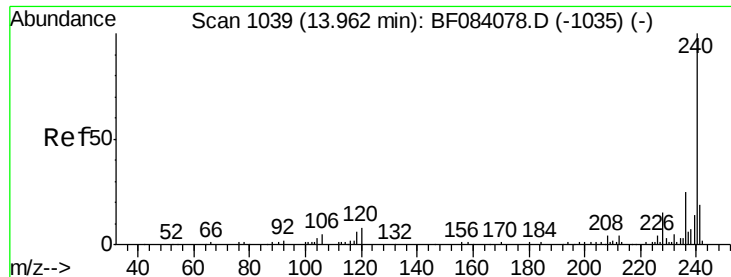
#66
 4-Bromophenyl-phenylether
 Concen: 2.64 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.24 min
 Lab File: BF084083.D
 Acq: 24 Dec 2015 17:07

Tgt Ion:248 Resp: 5106
 Ion Ratio Lower Upper
 248 100
 250 202.8 78.4 117.6#
 141 384.8 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

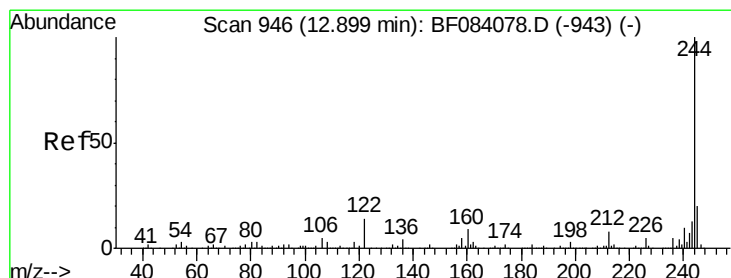
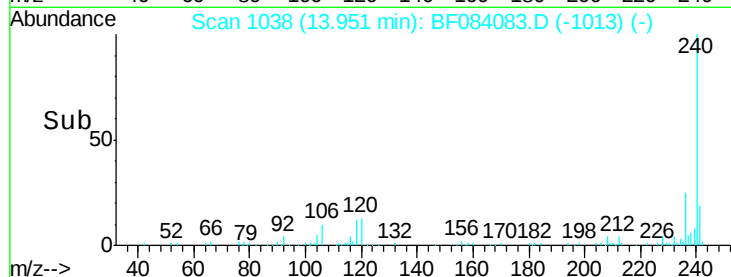
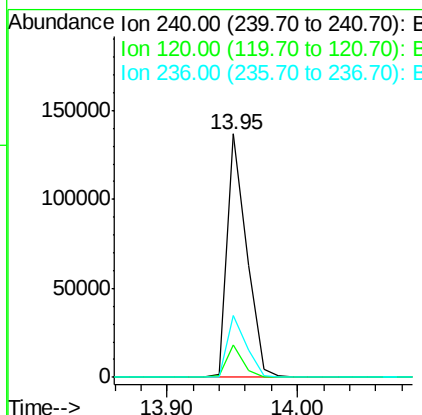
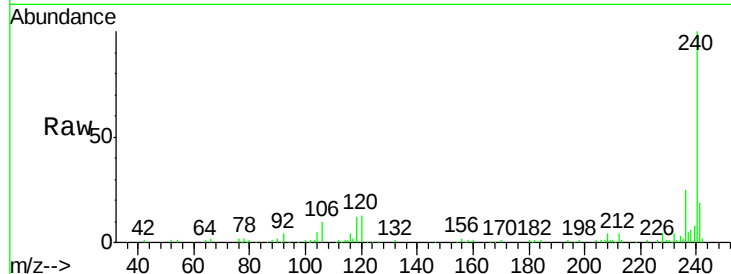




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF084083.D
 Acq: 24 Dec 2015 17:07

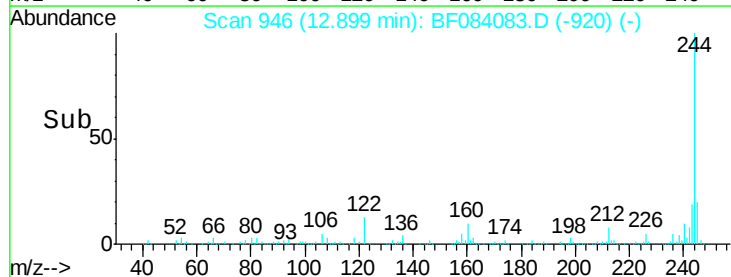
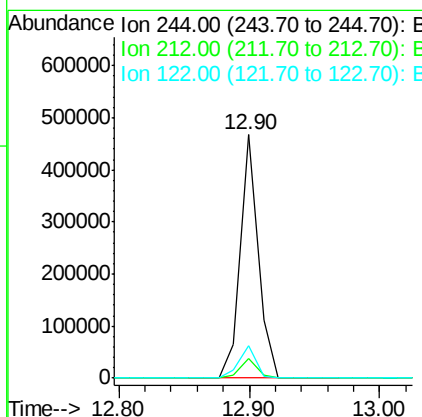
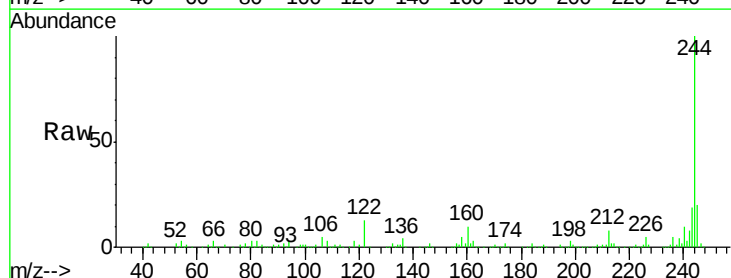
Instrument :
 BNA_F
 ClientSampleId :
 PB87523BL

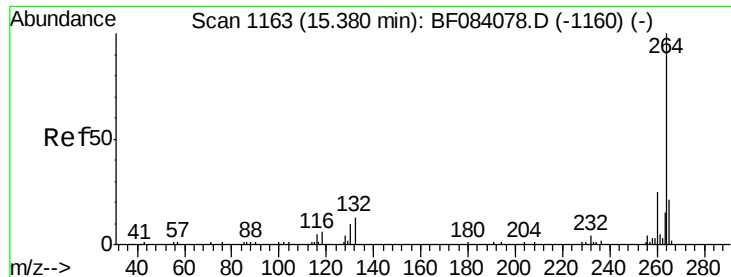
Tgt Ion:240 Resp: 142364
 Ion Ratio Lower Upper
 240 100
 120 13.5 9.5 14.3
 236 25.3 20.6 31.0



#78
 Terphenyl-d14
 Concen: 56.44 ng
 RT: 12.90 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF084083.D
 Acq: 24 Dec 2015 17:07

Tgt Ion:244 Resp: 444024
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.7 8.5
 122 13.3 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: BF084083.D
Acq: 24 Dec 2015 17:07

Instrument :
BNA_F
ClientSampleId :
PB87523BL

Tgt Ion: 264 Resp: 96486
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.2
265 21.4 17.8 26.6

