

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
 Data File : BF084088.D
 Acq On : 24 Dec 2015 19:31
 Operator : UM/SJ
 Sample : PB87482BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87482BL

Quant Time: Dec 25 01:41:03 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

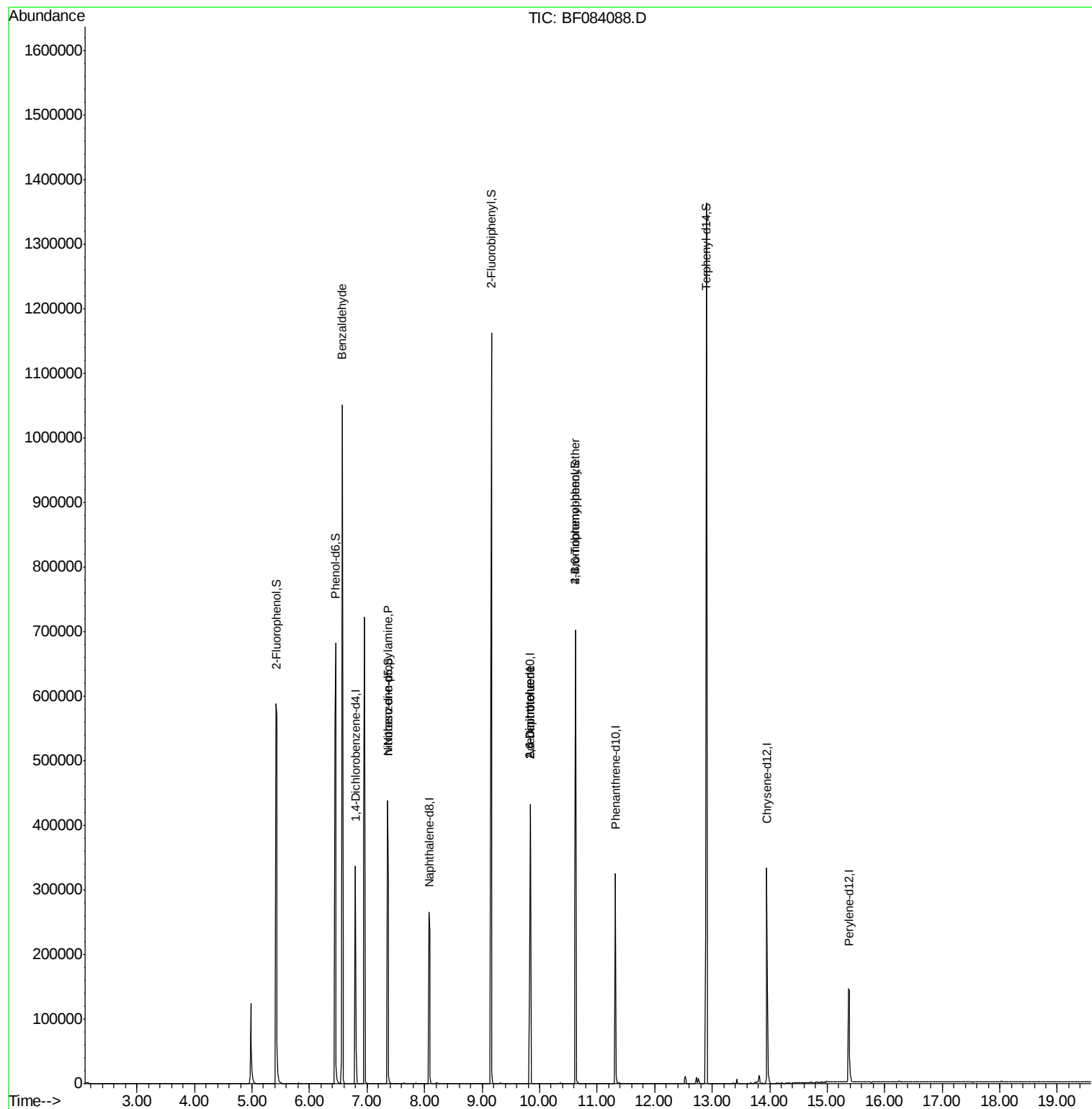
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	50021	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	182823	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	93427	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	167897	20.00	ng	0.00
75) Chrysene-d12	13.95	240	129056	20.00	ng	-0.01
86) Perylene-d12	15.38	264	93624	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	265001	89.82	ng	0.01
7) Phenol-d6	6.45	99	339865	93.09	ng	0.00
23) Nitrobenzene-d5	7.36	82	186818	59.81	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	92473	92.82	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	434328	63.61	ng	0.00
78) Terphenyl-d14	12.90	244	382292	53.60	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	6400	3.28	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	7.36	70	24797	11.03	ng	# 75
50) 2,6-Dinitrotoluene	9.84	165	11803	7.19	ng	# 35
56) 2,4-Dinitrotoluene	9.84	165	11803	5.44	ng	# 20
66) 4-Bromophenyl-phenylether	10.62	248	6818	3.51	ng	# 1
74) Fluoranthene	12.53	202	9254	Below Cal		95

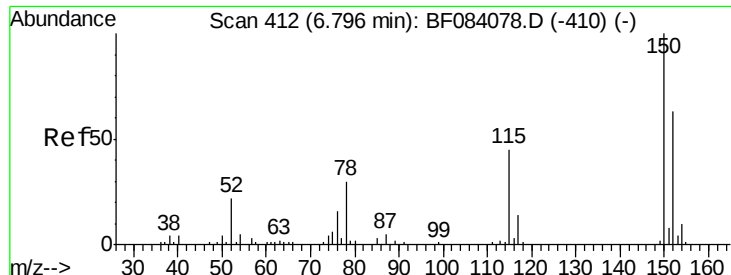
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
Data File : BF084088.D
Acq On : 24 Dec 2015 19:31
Operator : UM/SJ
Sample : PB87482BL
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB87482BL

Quant Time: Dec 25 01:41:03 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: BF084088.D

Acq: 24 Dec 2015 19:31

Instrument :

BNA_F

ClientSampleId :

PB87482BL

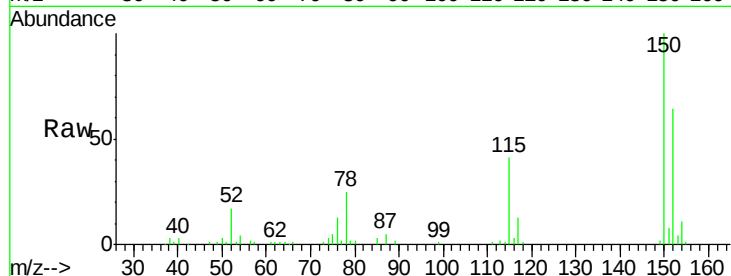
Tgt Ion:152 Resp: 50021

Ion Ratio Lower Upper

152 100

150 156.8 123.0 184.4

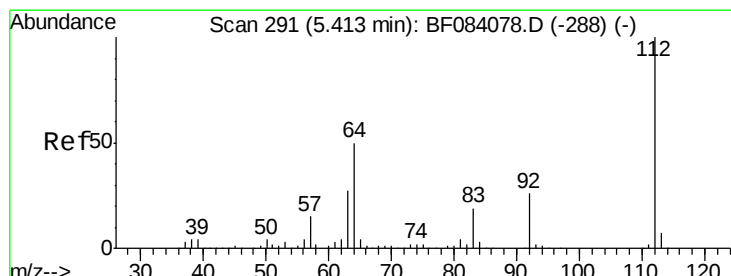
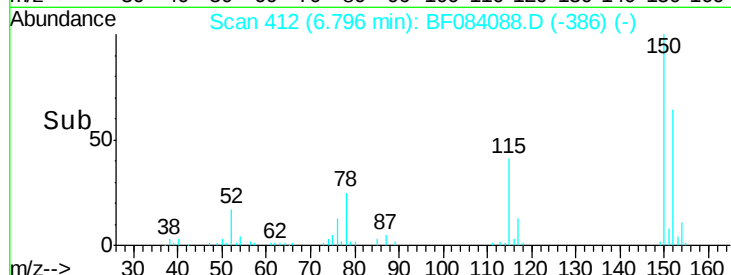
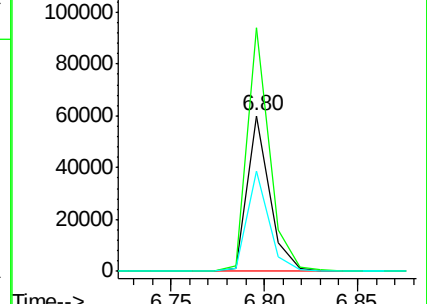
115 64.2 51.4 77.2



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: 89.82 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF084088.D

Acq: 24 Dec 2015 19:31

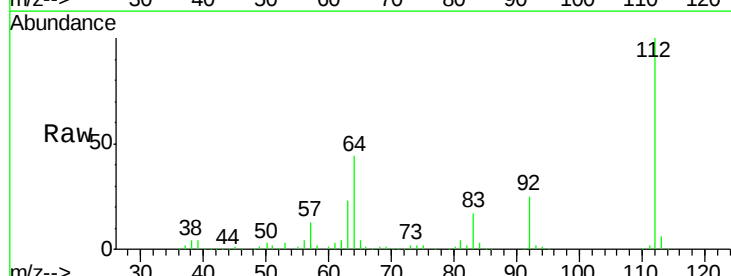
Tgt Ion:112 Resp: 265001

Ion Ratio Lower Upper

112 100

64 44.2 36.6 55.0

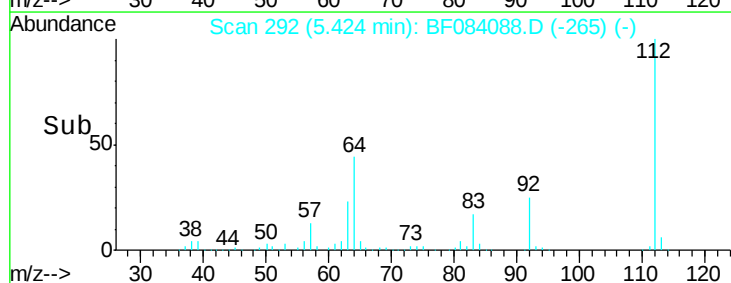
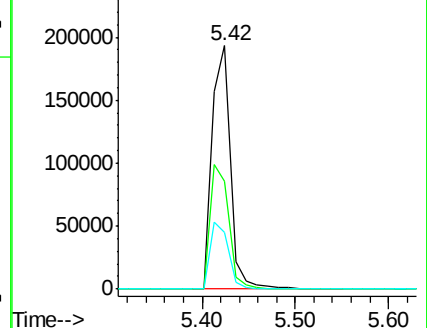
63 23.1 19.4 29.0

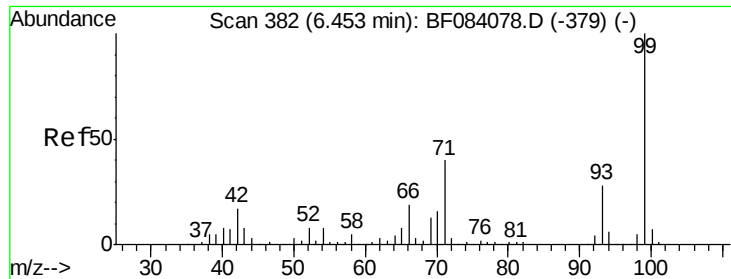


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 93.09 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF084088.D

Acq: 24 Dec 2015 19:31

Instrument :

BNA_F

ClientSampleId :

PB87482BL

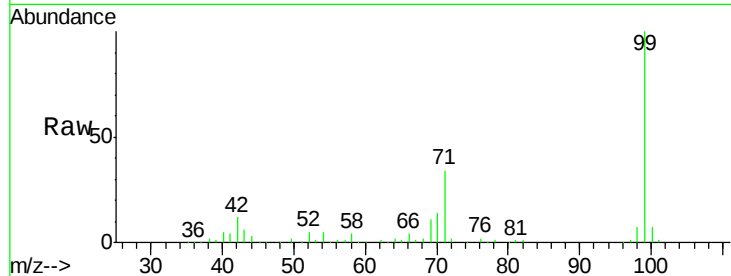
Tgt Ion: 99 Resp: 339865

Ion Ratio Lower Upper

99 100

42 12.1 12.8 19.2#

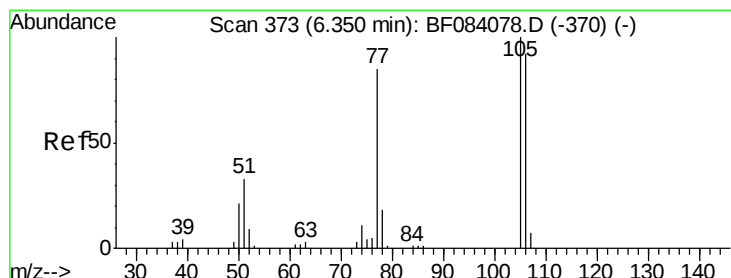
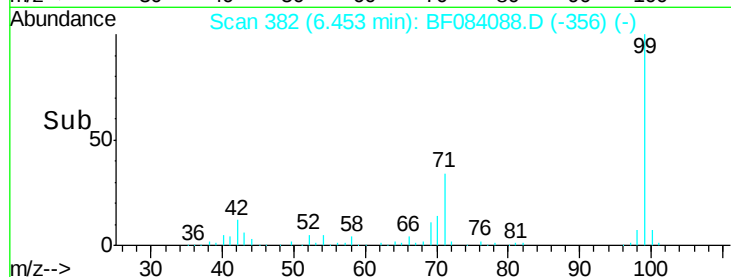
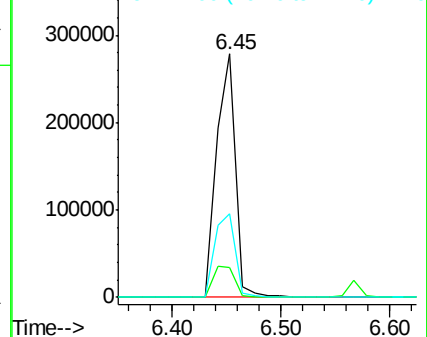
71 34.3 30.9 46.3



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: 3.28 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.22 min

Lab File: BF084088.D

Acq: 24 Dec 2015 19:31

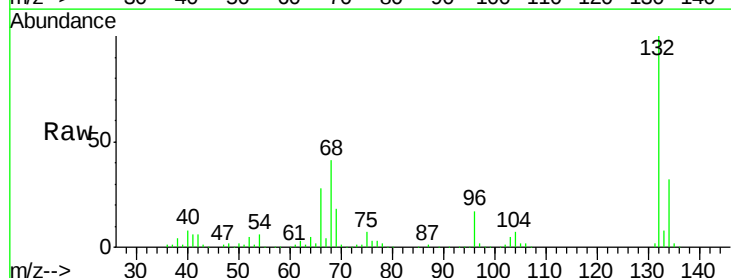
Tgt Ion: 77 Resp: 6400

Ion Ratio Lower Upper

77 100

105 86.3 83.0 123.0

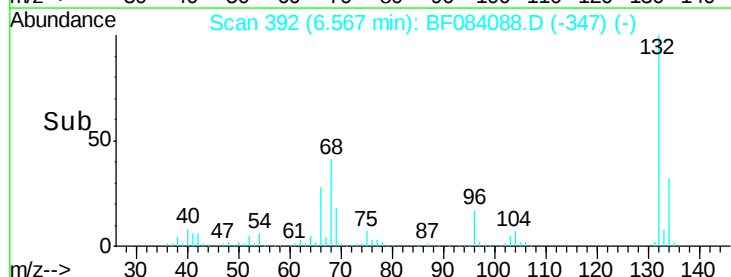
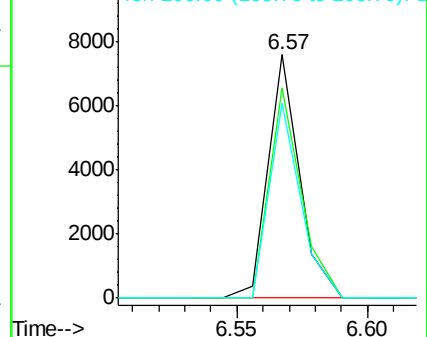
106 80.2 74.6 114.6

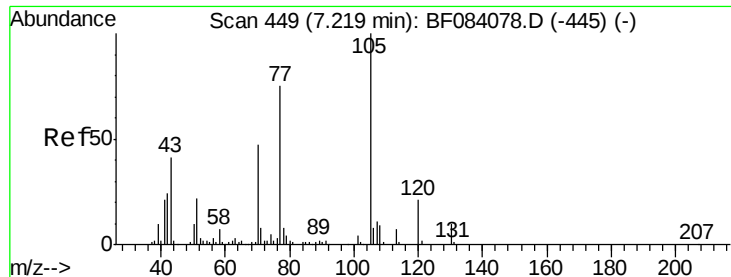


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

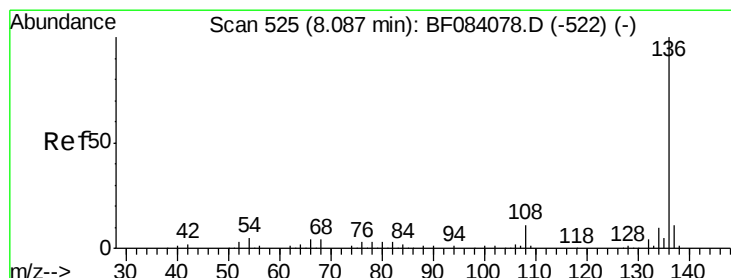
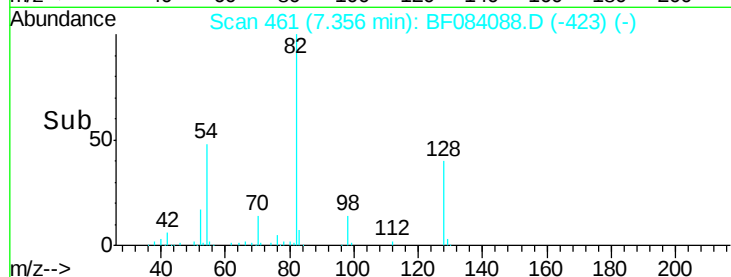
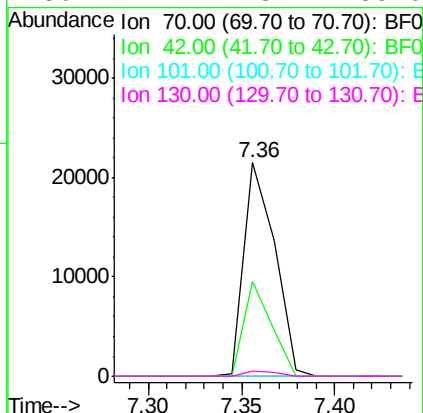
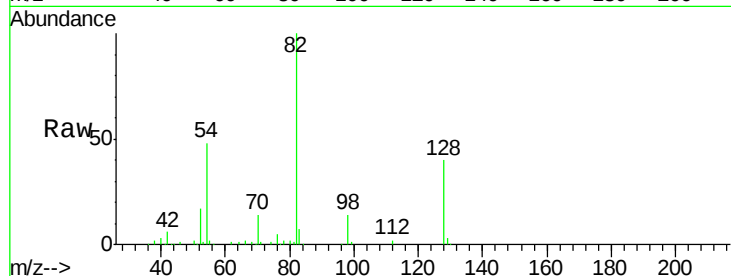




#19
n-Nitroso-di-n-propylamine
Concen: 11.03 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.14 min
Lab File: BF084088.D
Acq: 24 Dec 2015 19:31

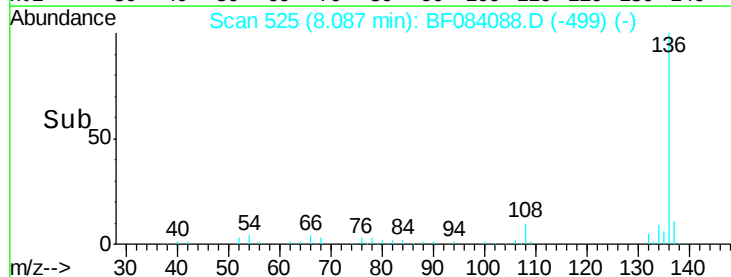
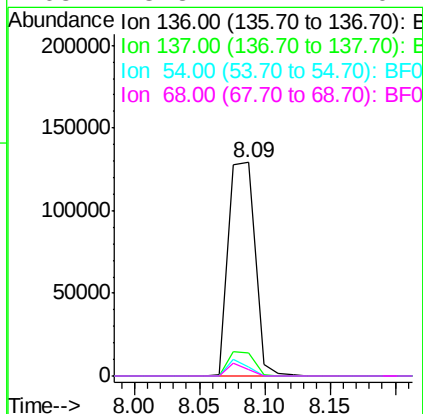
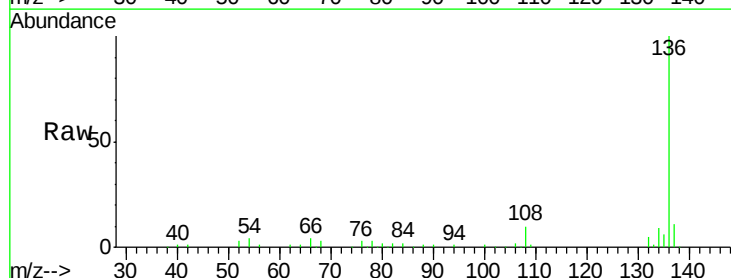
Instrument :
BNA_F
ClientSampleId :
PB87482BL

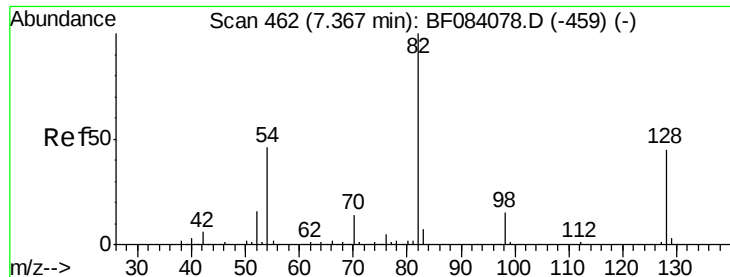
Tgt Ion: 70 Resp: 24797
Ion Ratio Lower Upper
70 100
42 44.6 33.3 49.9
101 0.0 9.3 13.9#
130 2.2 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF084088.D
Acq: 24 Dec 2015 19:31

Tgt Ion: 136 Resp: 182823
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 4.1 5.8 8.8#
68 3.3 4.2 6.2#

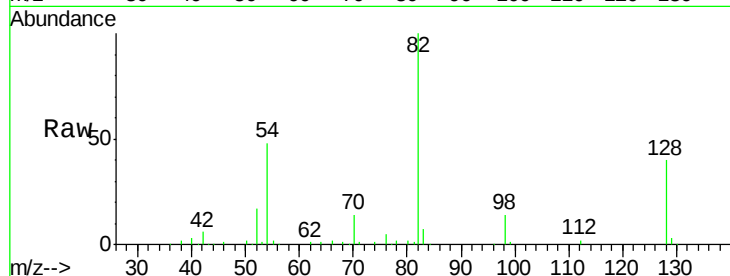




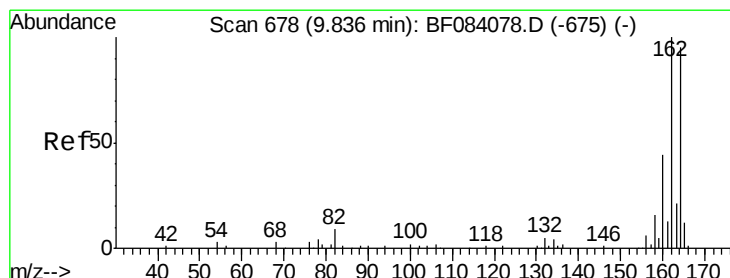
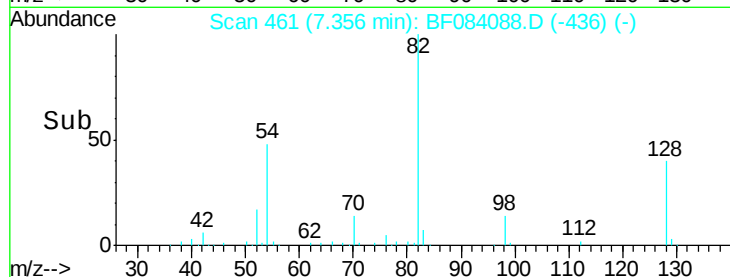
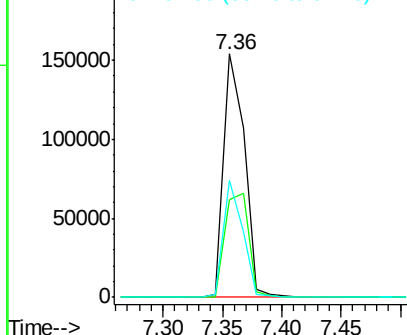
#23
 Nitrobenzene-d5
 Concen: 59.81 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF084088.D
 Acq: 24 Dec 2015 19:31

Instrument :
 BNA_F
 ClientSampleId :
 PB87482BL

Tgt Ion: 82 Resp: 186818
 Ion Ratio Lower Upper
 82 100
 128 39.9 34.6 51.8
 54 48.1 38.4 57.6

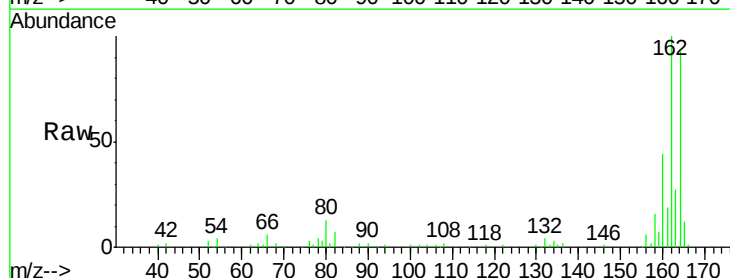


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

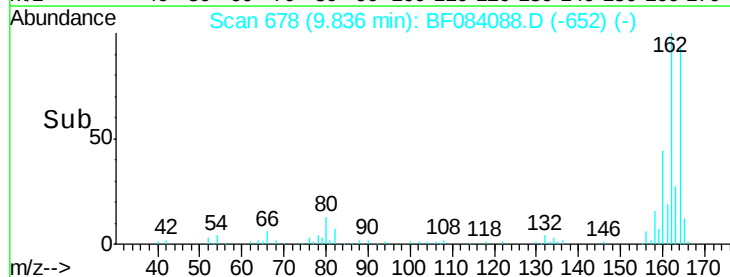
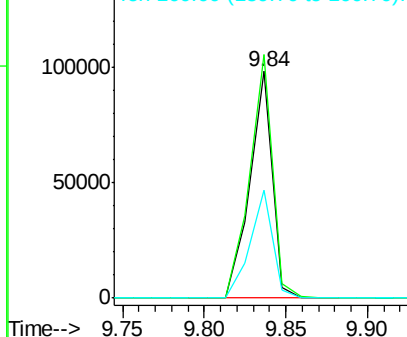


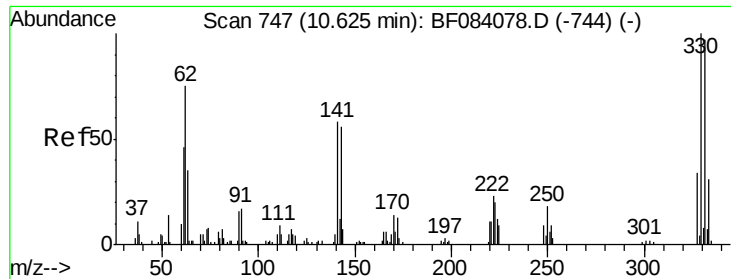
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: BF084088.D
 Acq: 24 Dec 2015 19:31

Tgt Ion: 164 Resp: 93427
 Ion Ratio Lower Upper
 164 100
 162 107.5 85.1 127.7
 160 47.5 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

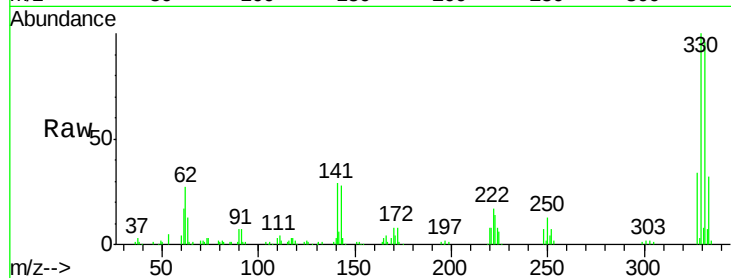




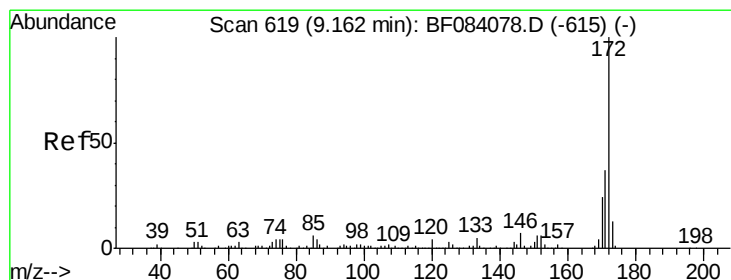
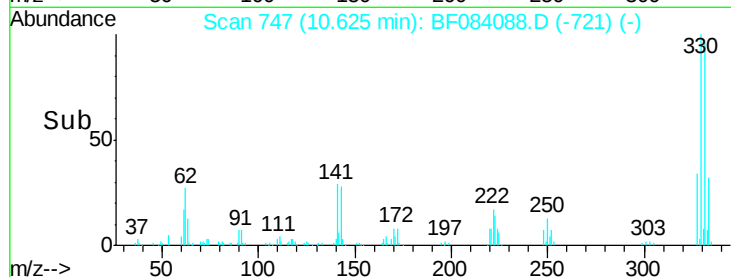
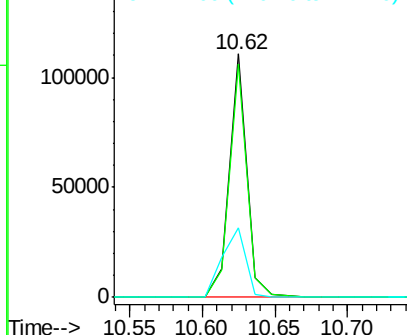
#41
 2,4,6-Tribromophenol
 Concen: 92.82 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF084088.D
 Acq: 24 Dec 2015 19:31

Instrument :
 BNA_F
 ClientSampleId :
 PB87482BL

Tgt Ion:330 Resp: 92473
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 114.8
 141 38.3 27.8 41.6

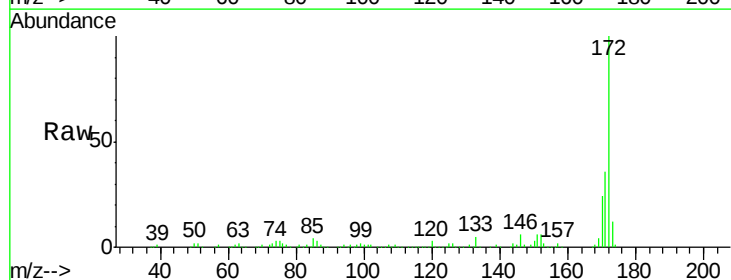


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

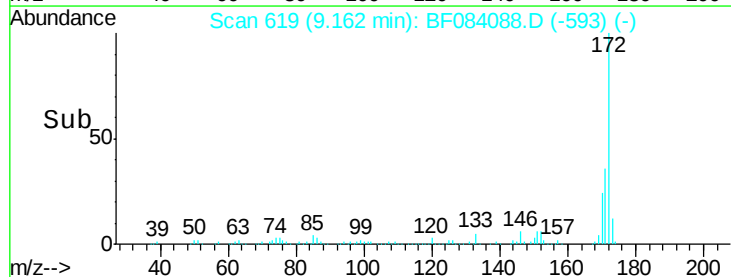
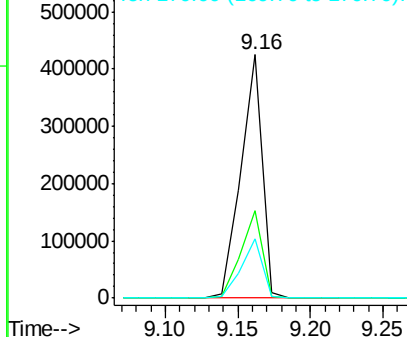


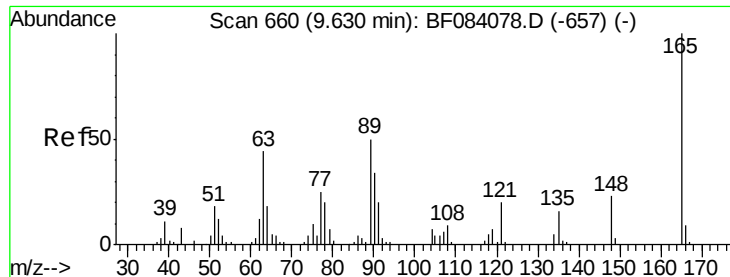
#44
 2-Fluorobiphenyl
 Concen: 63.61 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF084088.D
 Acq: 24 Dec 2015 19:31

Tgt Ion:172 Resp: 434328
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.9 43.3
 170 24.1 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

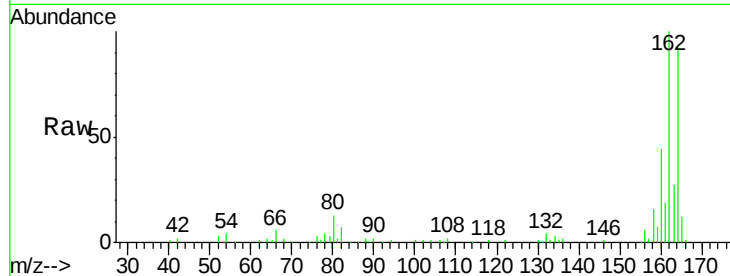




#50
 2,6-Dinitrotoluene
 Concen: 7.19 ng
 RT: 9.84 min Scan# 678
 Delta R.T. 0.21 min
 Lab File: BF084088.D
 Acq: 24 Dec 2015 19:31

Instrument :
 BNA_F
 ClientSampleId :
 PB87482BL

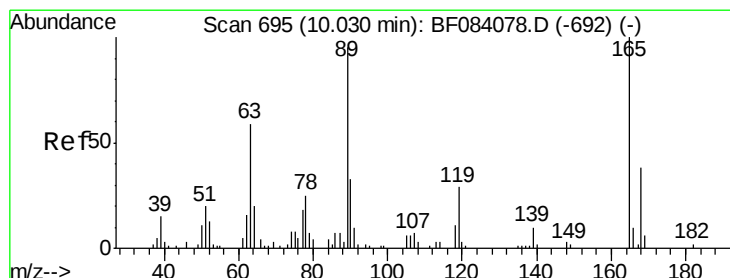
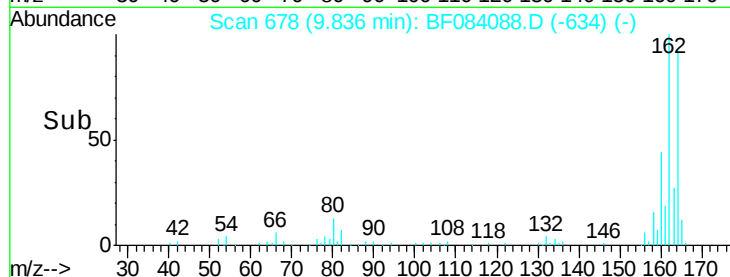
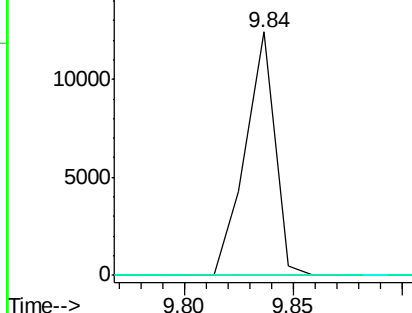
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.8	43.2#
89	0.0	35.1	52.7#



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: 5.44 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.19 min
 Lab File: BF084088.D
 Acq: 24 Dec 2015 19:31

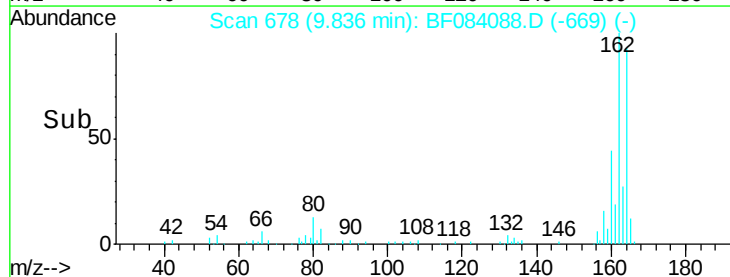
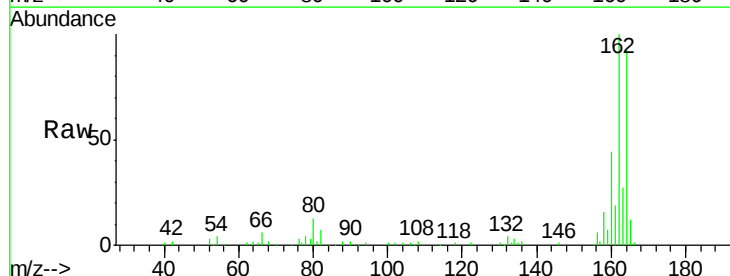
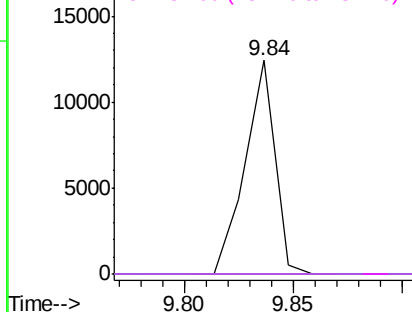
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.7	55.1#
89	0.0	61.9	92.9#
182	0.0	2.0	3.0#

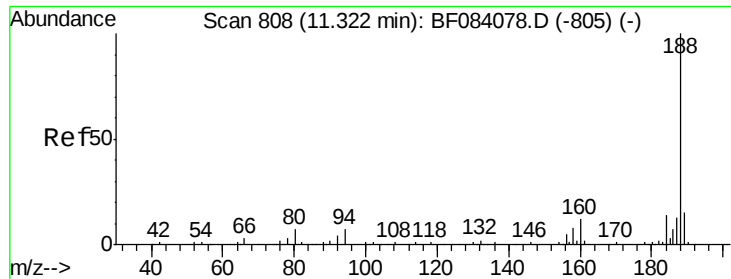
Abundance Ion 165.00 (164.70 to 165.70): E

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

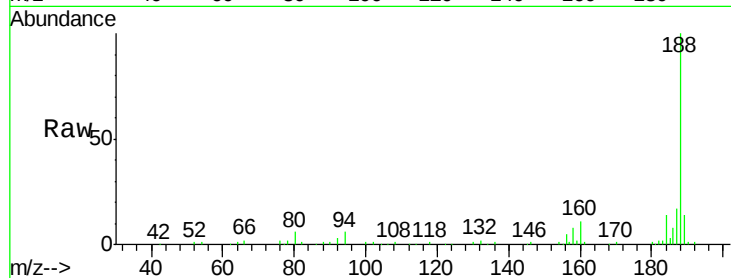




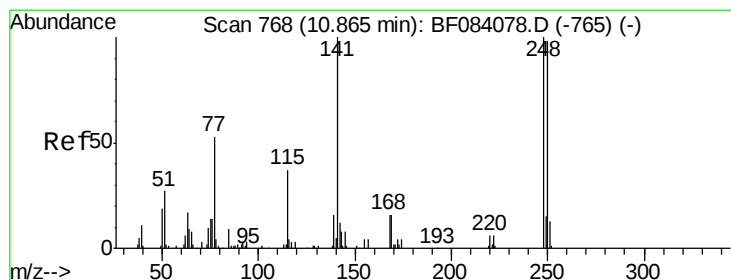
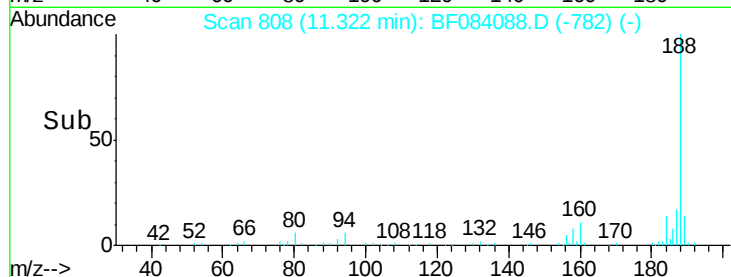
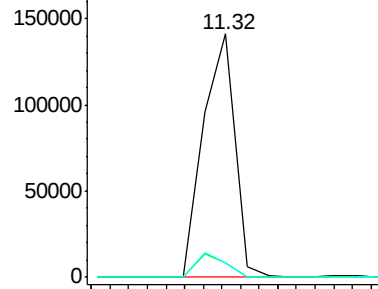
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF084088.D
Acq: 24 Dec 2015 19:31

Instrument :
BNA_F
ClientSampleId :
PB87482BL

Tgt Ion:188 Resp: 167897
Ion Ratio Lower Upper
188 100
94 6.0 9.0 13.4#
80 5.9 9.6 14.4#

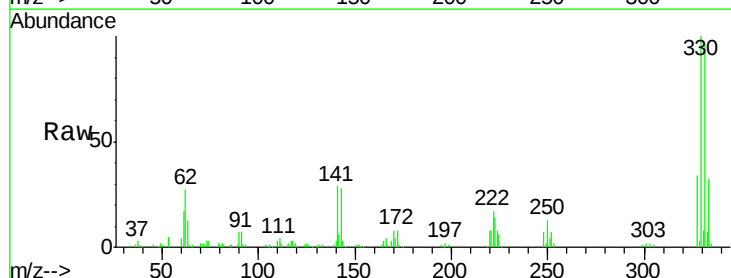


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

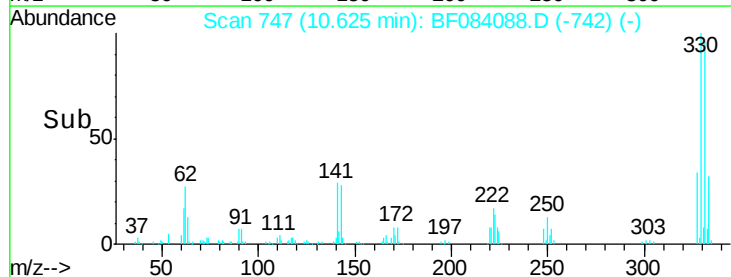
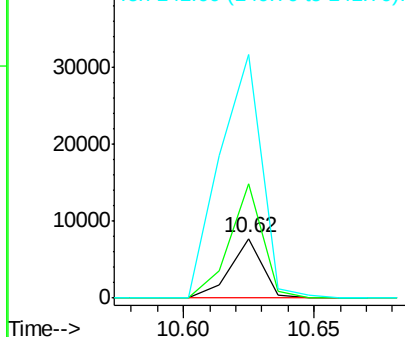


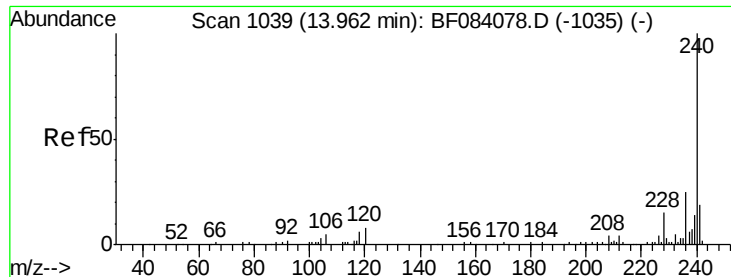
#66
4-Bromophenyl-phenylether
Concen: 3.51 ng
RT: 10.62 min Scan# 747
Delta R.T. -0.24 min
Lab File: BF084088.D
Acq: 24 Dec 2015 19:31

Tgt Ion:248 Resp: 6818
Ion Ratio Lower Upper
248 100
250 191.7 78.4 117.6#
141 407.7 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

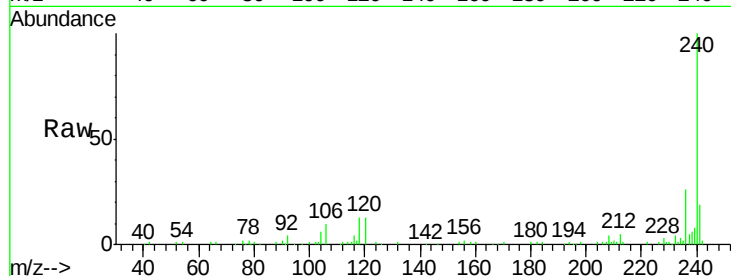




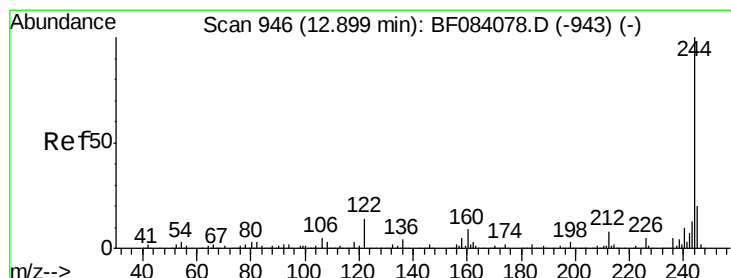
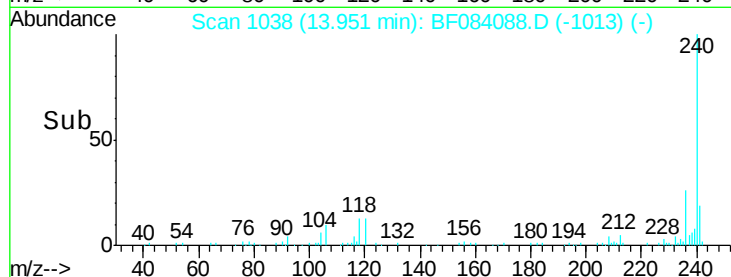
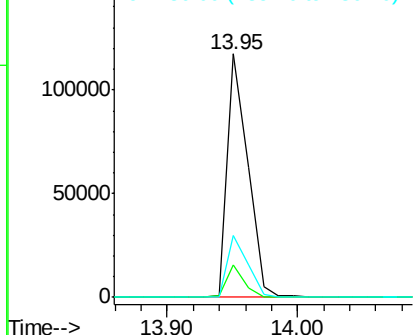
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF084088.D
Acq: 24 Dec 2015 19:31

Instrument :
BNA_F
ClientSampleId :
PB87482BL

Tgt Ion:240 Resp: 129056
Ion Ratio Lower Upper
240 100
120 13.5 9.5 14.3
236 25.6 20.6 31.0

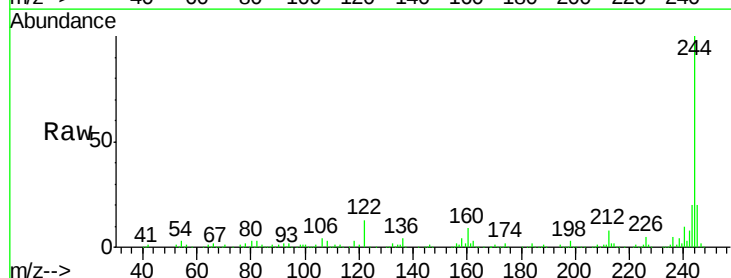


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

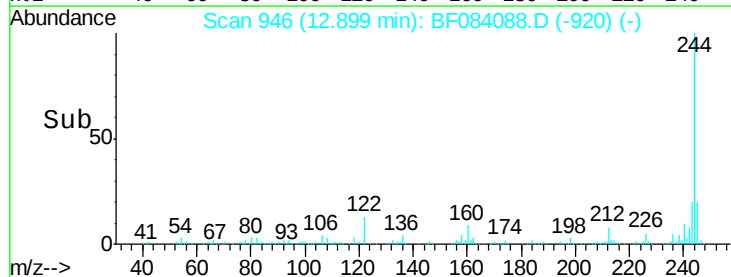
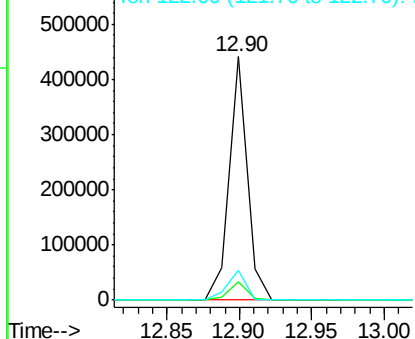


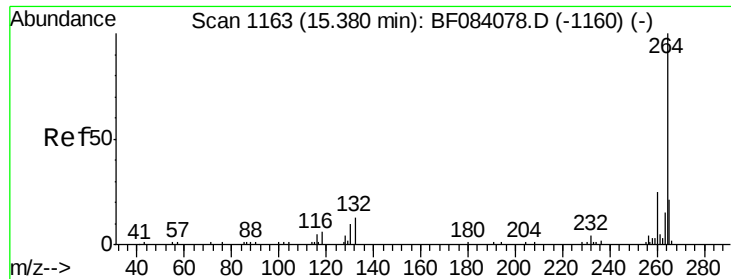
#78
Terphenyl-d14
Concen: 53.60 ng
RT: 12.90 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF084088.D
Acq: 24 Dec 2015 19:31

Tgt Ion:244 Resp: 382292
Ion Ratio Lower Upper
244 100
212 7.8 5.7 8.5
122 12.5 7.4 11.0#



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
Perylene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF084088.D
Acq: 24 Dec 2015 19:31

Instrument :
BNA_F
ClientSampleId :
PB87482BL

Tgt Ion: 264 Resp: 93624
Ion Ratio Lower Upper
264 100
260 23.8 19.4 29.2
265 21.0 17.8 26.6

