

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
 Data File : BF084092.D
 Acq On : 24 Dec 2015 21:26
 Operator : UM/SJ
 Sample : PB87153BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87153BL

Quant Time: Dec 25 01:44:20 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

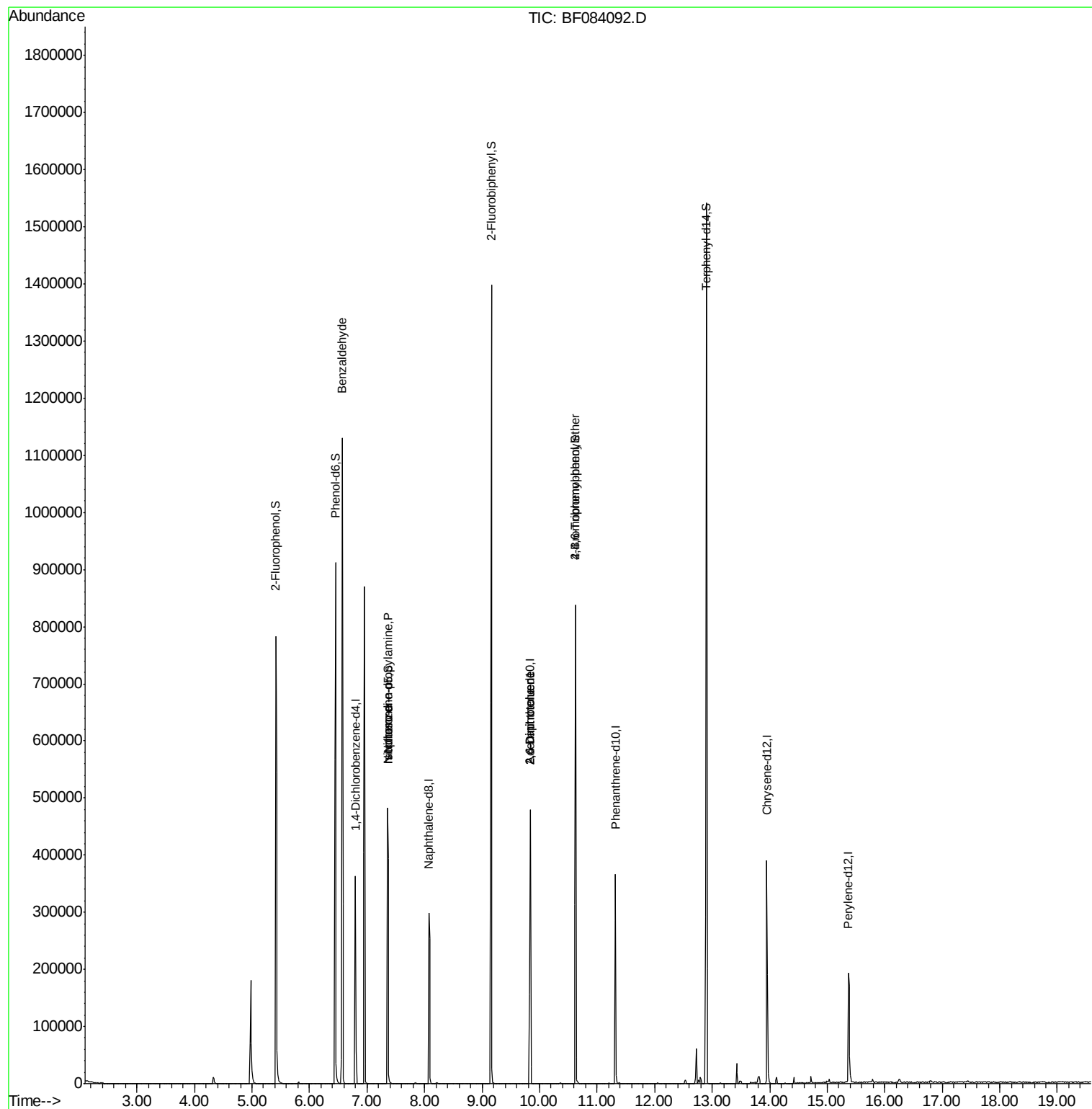
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	53259	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	200980	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	100962	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	187301	20.00	ng	0.00
75) Chrysene-d12	13.95	240	154090	20.00	ng	-0.01
86) Perylene-d12	15.37	264	112045	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	300295	95.59	ng	0.00
7) Phenol-d6	6.45	99	403821	103.89	ng	0.00
23) Nitrobenzene-d5	7.36	82	217028	63.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	106517	98.93	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	504197	68.33	ng	0.00
78) Terphenyl-d14	12.90	244	447083	52.50	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.57	77	7138	3.43	ng	90
19) n-Nitroso-di-n-propylamine	7.36	70	29188	12.19	ng	# 75
25) Isophorone	7.36	82	215572	33.94	ng	# 66
50) 2,6-Dinitrotoluene	9.84	165	12729	7.17	ng	# 35
56) 2,4-Dinitrotoluene	9.84	165	12729	5.43	ng	# 20
66) 4-Bromophenyl-phenylether	10.62	248	8231	3.79	ng	# 1
74) Fluoranthene	12.53	202	5950	Below Cal		96

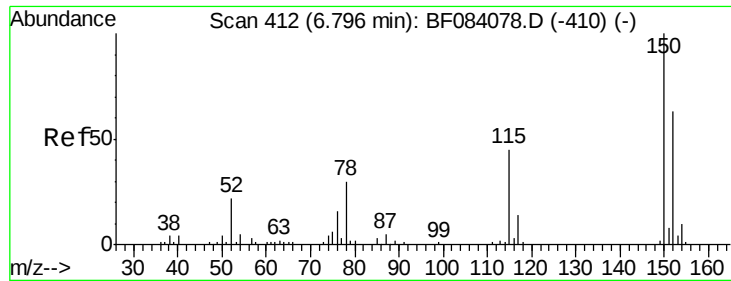
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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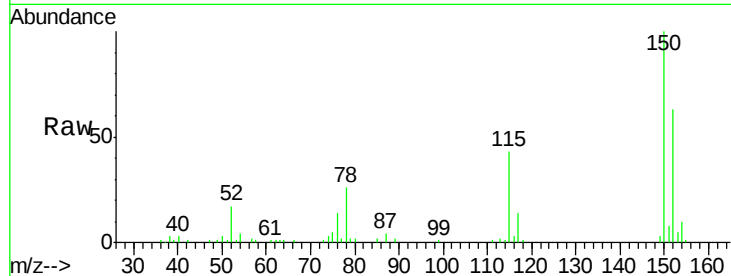


#1

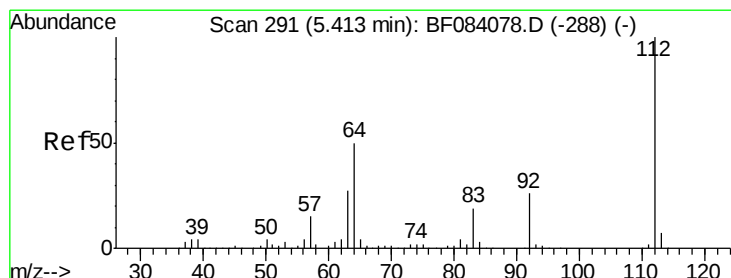
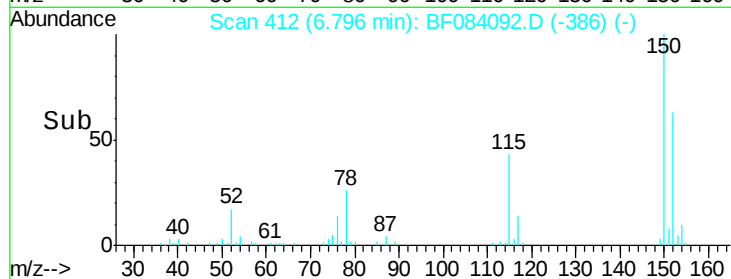
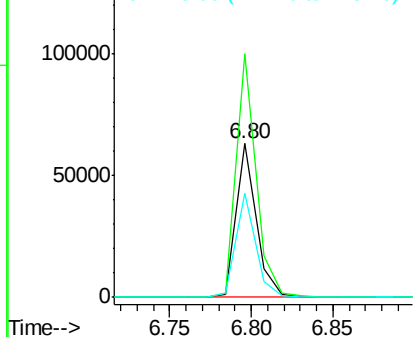
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF084092.D
Acq: 24 Dec 2015 21:26

Instrument :
BNA_F
ClientSampleId :
PB87153BL

Tgt Ion:152 Resp: 53259
Ion Ratio Lower Upper
152 100
150 158.2 123.0 184.4
115 67.8 51.4 77.2



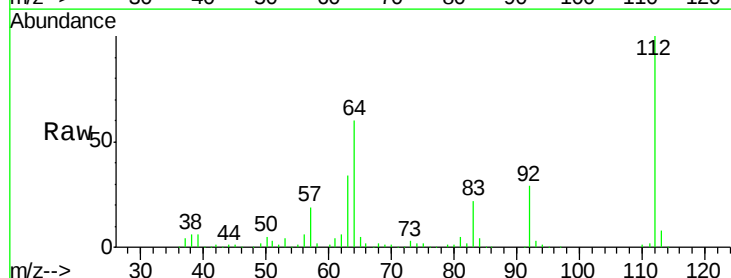
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



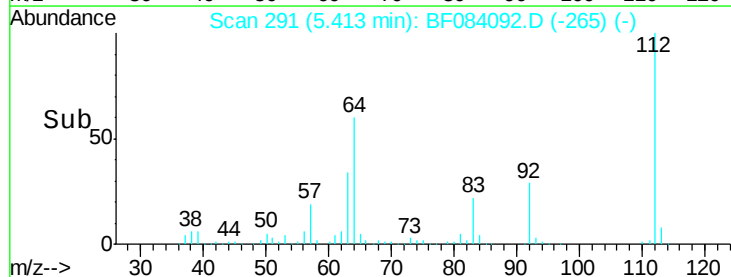
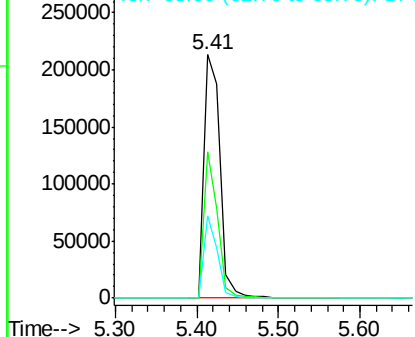
#5

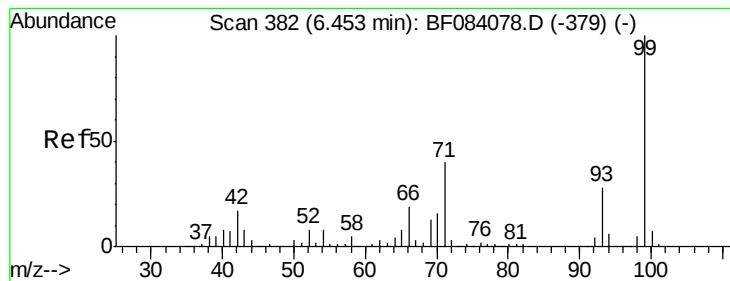
2-Fluorophenol
Concen: 95.59 ng
RT: 5.41 min Scan# 291
Delta R.T. 0.00 min
Lab File: BF084092.D
Acq: 24 Dec 2015 21:26

Tgt Ion:112 Resp: 300295
Ion Ratio Lower Upper
112 100
64 60.3 36.6 55.0#
63 33.9 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: 103.89 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF084092.D

Acq: 24 Dec 2015 21:26

Instrument :

BNA_F

ClientSampleId :

PB87153BL

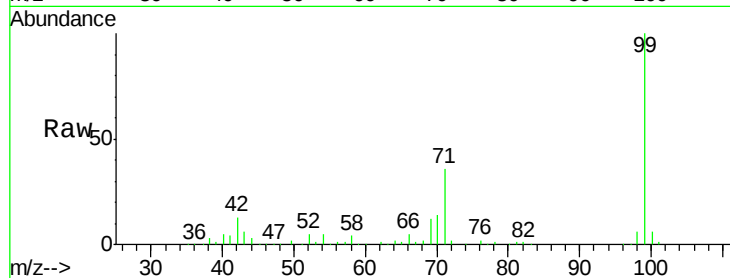
Tgt Ion: 99 Resp: 403821

Ion Ratio Lower Upper

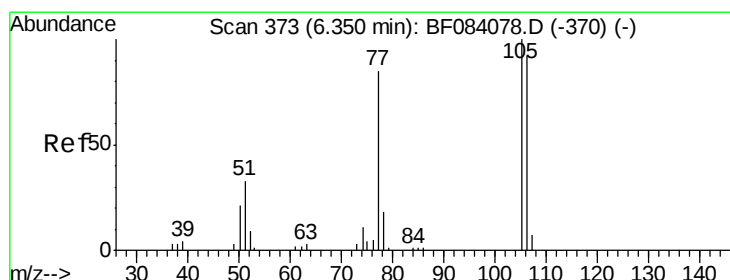
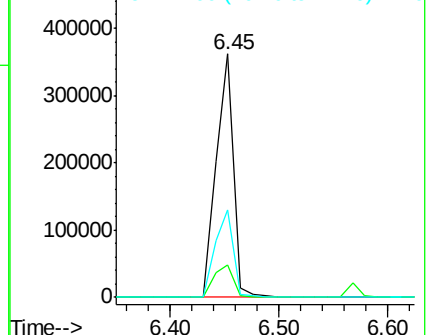
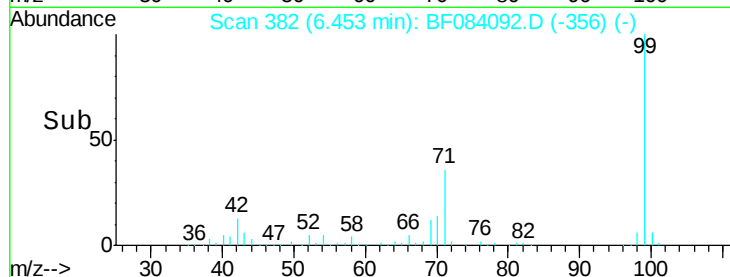
99 100

42 13.2 12.8 19.2

71 36.1 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



#9

Benzaldehyde

Concen: 3.43 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.22 min

Lab File: BF084092.D

Acq: 24 Dec 2015 21:26

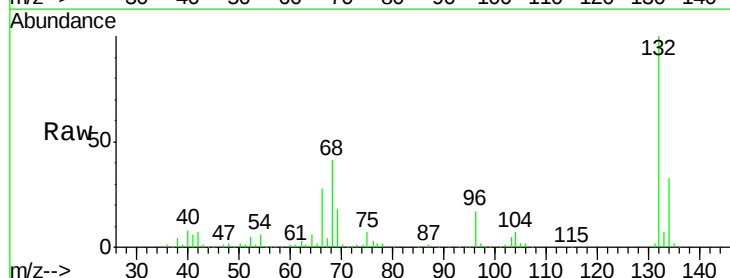
Tgt Ion: 77 Resp: 7138

Ion Ratio Lower Upper

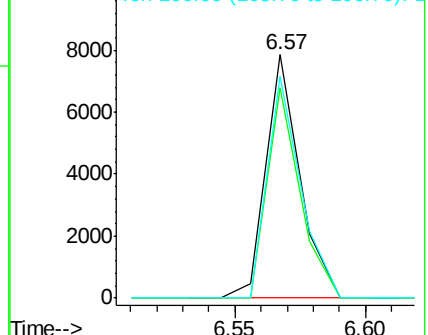
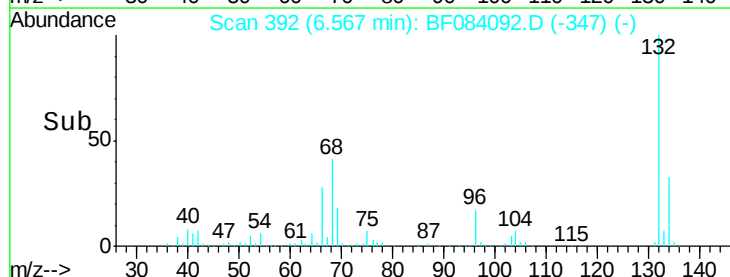
77 100

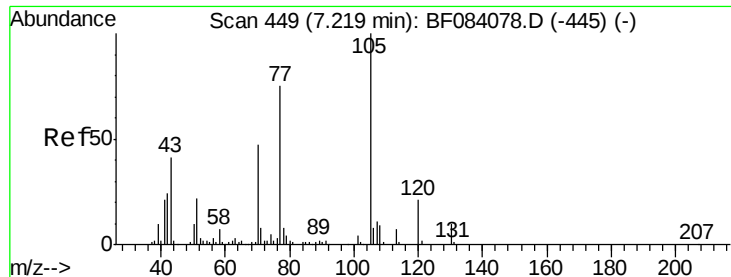
105 86.6 83.0 123.0

106 90.9 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

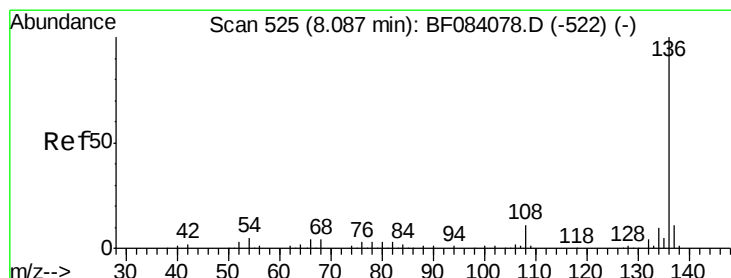
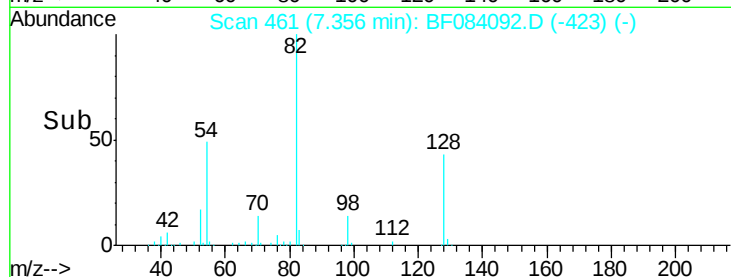
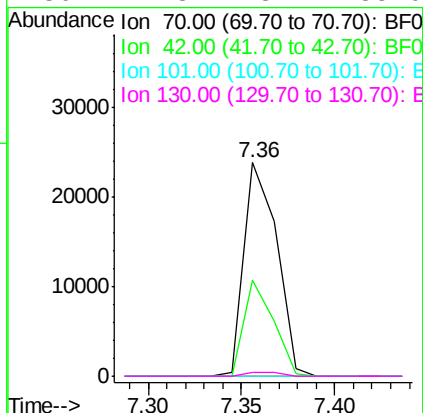
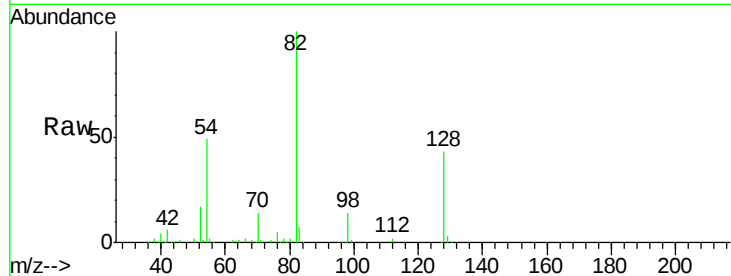




#19
n-Nitroso-di-n-propylamine
Concen: 12.19 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.14 min
Lab File: BF084092.D
Acq: 24 Dec 2015 21:26

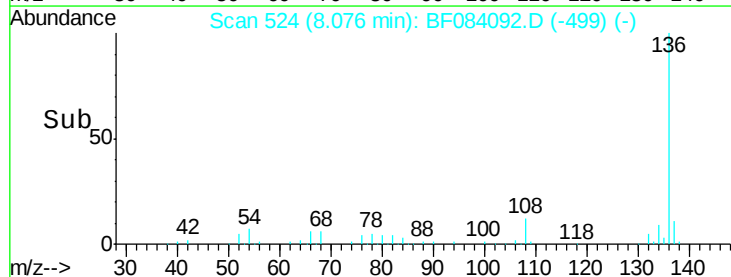
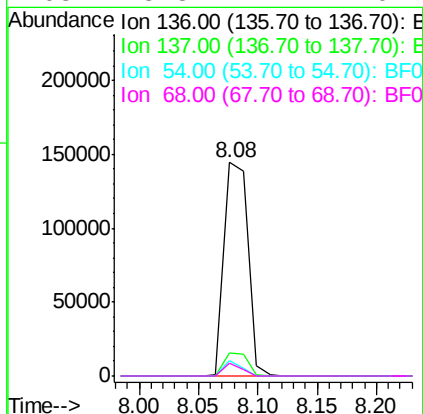
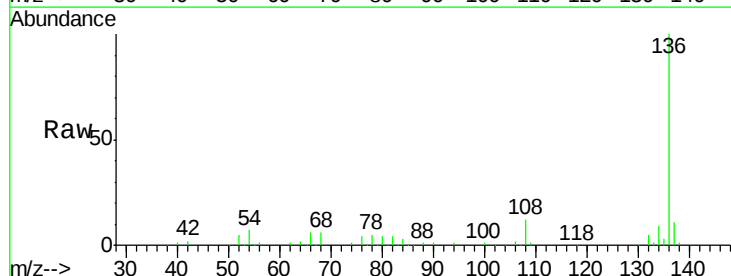
Instrument :
BNA_F
ClientSampleId :
PB87153BL

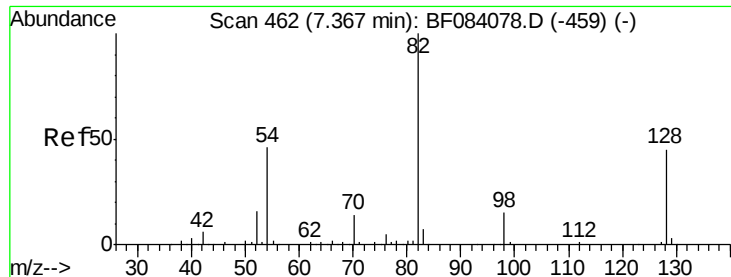
Tgt Ion: 70 Resp: 29188
Ion Ratio Lower Upper
70 100
42 44.7 33.3 49.9
101 0.0 9.3 13.9#
130 1.8 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF084092.D
Acq: 24 Dec 2015 21:26

Tgt Ion: 136 Resp: 200980
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.3 5.8 8.8
68 5.8 4.2 6.2

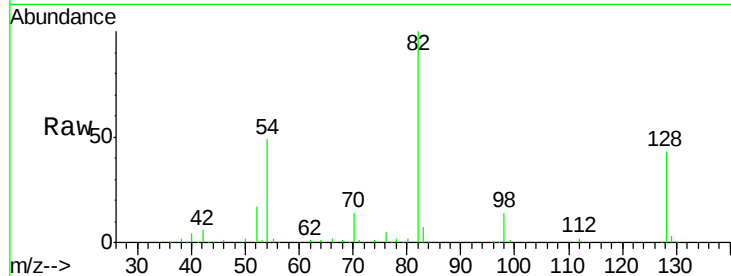




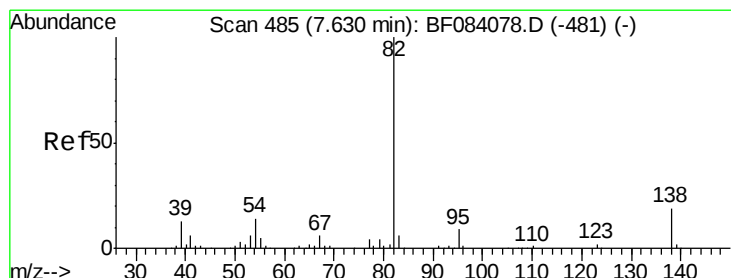
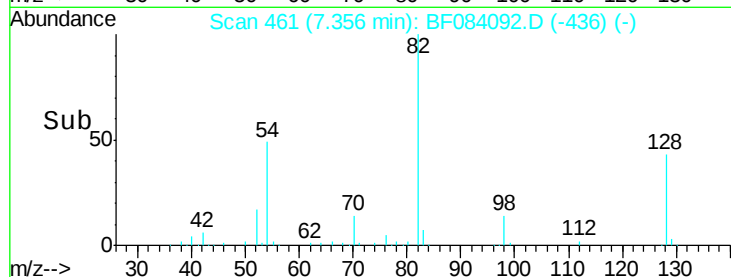
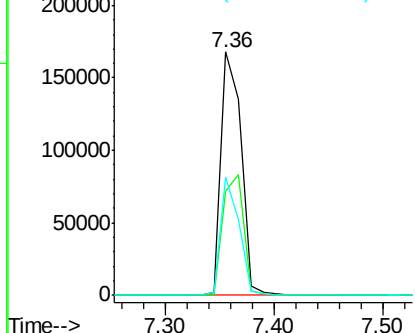
#23
 Nitrobenzene-d5
 Concen: 63.21 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF084092.D
 Acq: 24 Dec 2015 21:26

Instrument :
 BNA_F
 ClientSampleId :
 PB87153BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.7	34.6	51.8
54	48.5	38.4	57.6

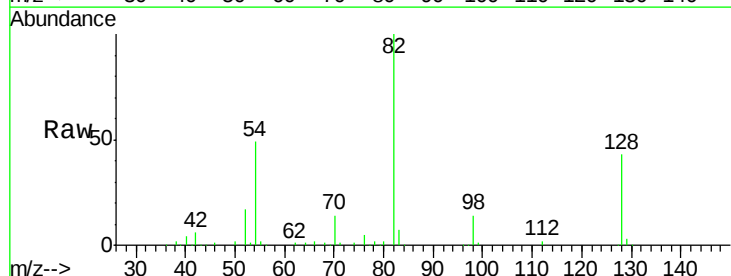


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

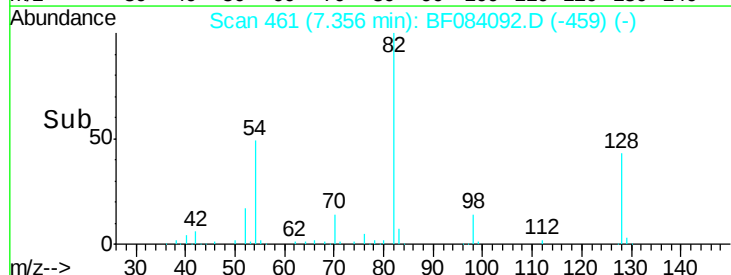
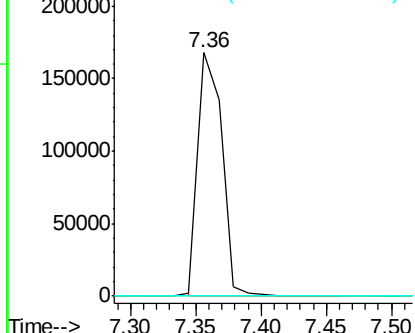


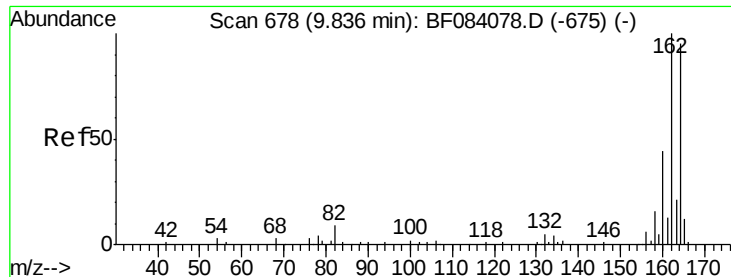
#25
 Isophorone
 Concen: 33.94 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.27 min
 Lab File: BF084092.D
 Acq: 24 Dec 2015 21:26

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.6	10.0#
138	0.0	13.6	20.4#



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

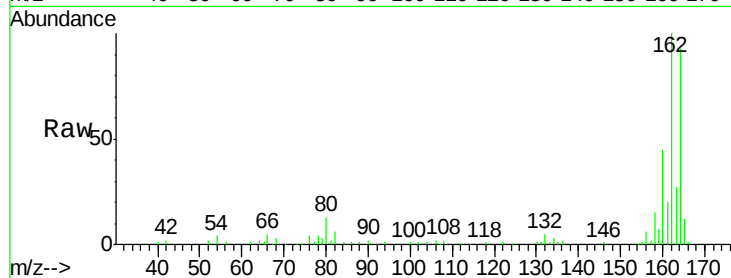




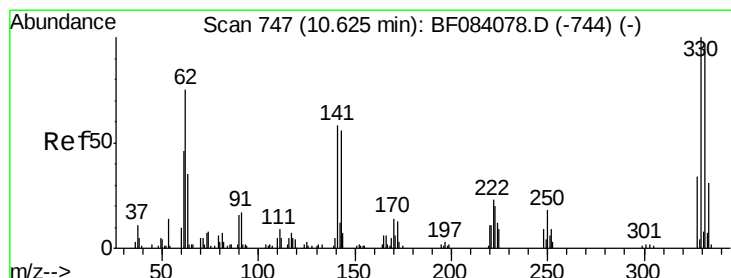
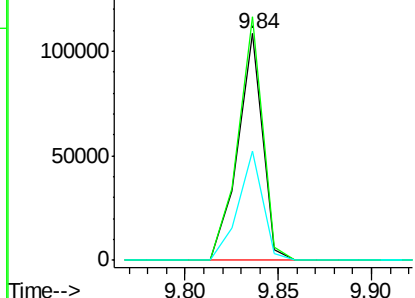
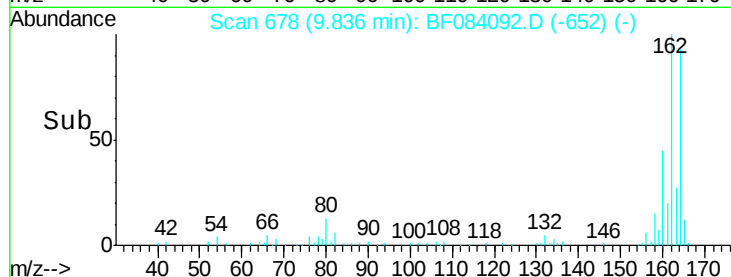
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: BF084092.D
 Acq: 24 Dec 2015 21:26

Instrument :
 BNA_F
 ClientSampleId :
 PB87153BL

Tgt Ion:164 Resp: 100962
 Ion Ratio Lower Upper
 164 100
 162 107.3 85.1 127.7
 160 48.0 37.5 56.3

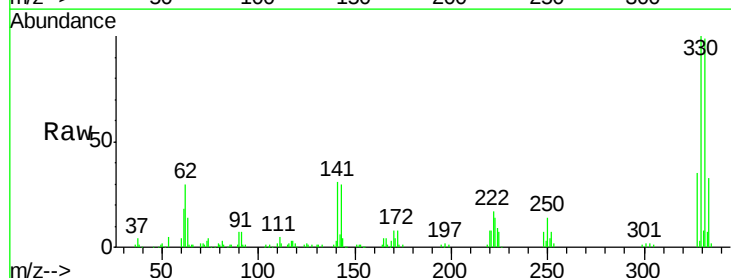


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

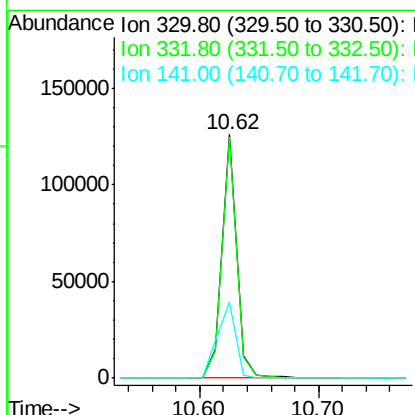
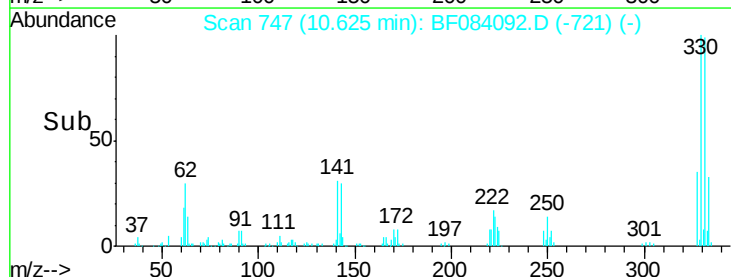


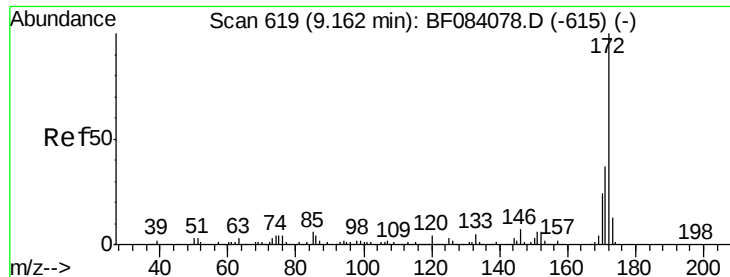
#41
 2,4,6-Tribromophenol
 Concen: 98.93 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF084092.D
 Acq: 24 Dec 2015 21:26

Tgt Ion:330 Resp: 106517
 Ion Ratio Lower Upper
 330 100
 332 98.6 76.6 114.8
 141 39.6 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: 68.33 ng

RT: 9.16 min Scan# 619

Delta R.T. 0.00 min

Lab File: BF084092.D

Acq: 24 Dec 2015 21:26

Instrument :

BNA_F

ClientSampleId :

PB87153BL

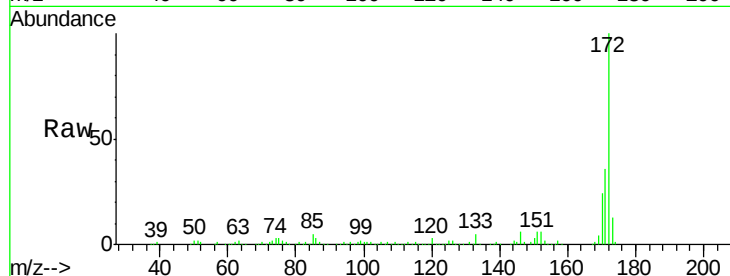
Tgt Ion:172 Resp: 504197

Ion Ratio Lower Upper

172 100

171 36.2 28.9 43.3

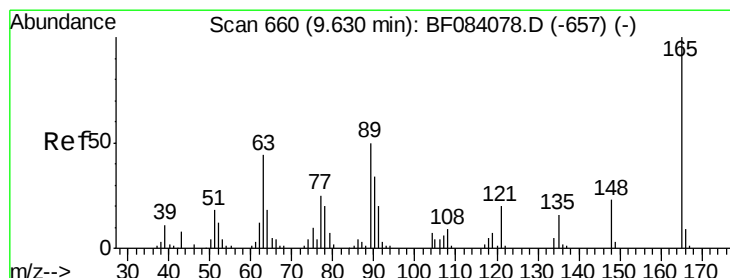
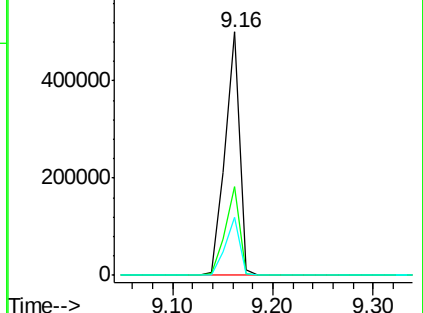
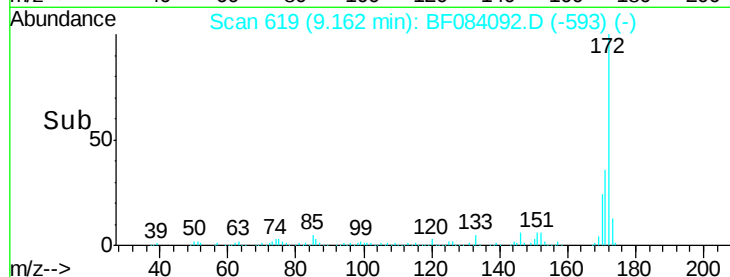
170 24.1 18.6 27.8



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: 7.17 ng

RT: 9.84 min Scan# 678

Delta R.T. 0.21 min

Lab File: BF084092.D

Acq: 24 Dec 2015 21:26

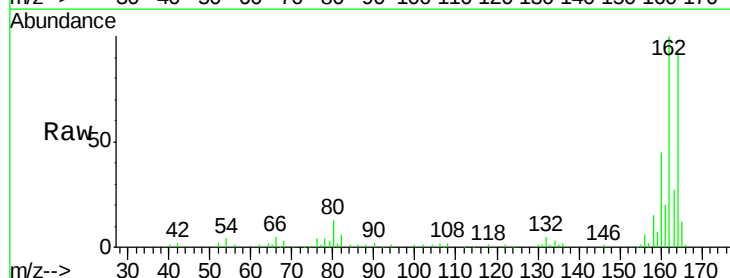
Tgt Ion:165 Resp: 12729

Ion Ratio Lower Upper

165 100

63 0.0 28.8 43.2#

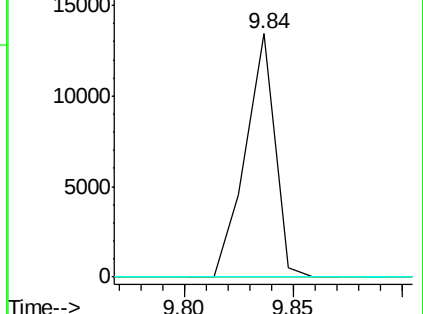
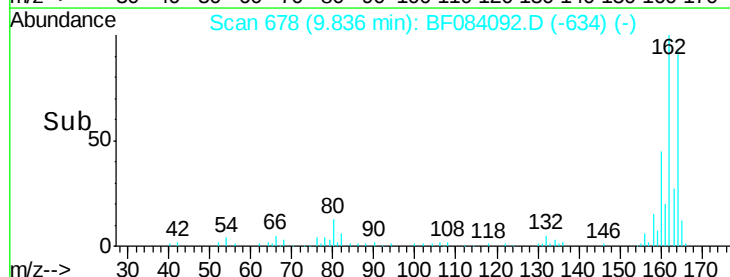
89 0.0 35.1 52.7#

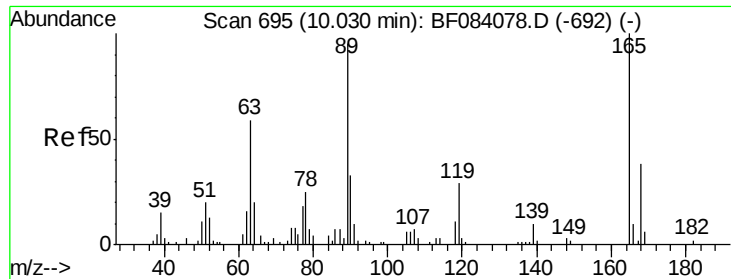


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

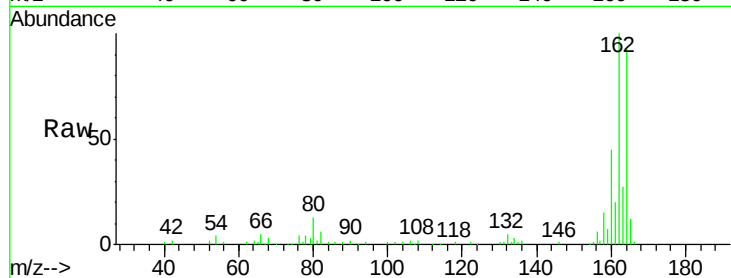




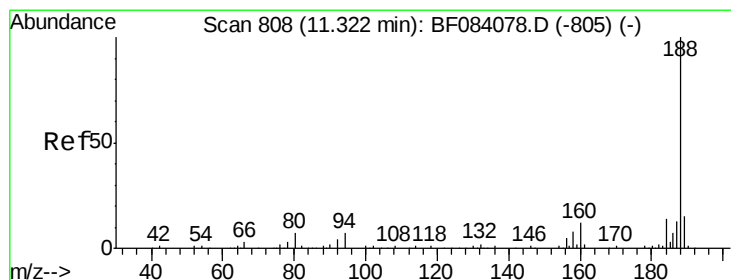
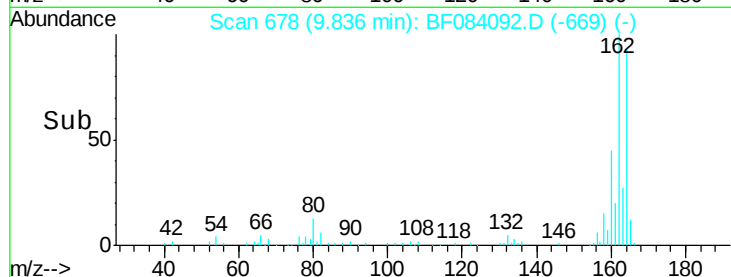
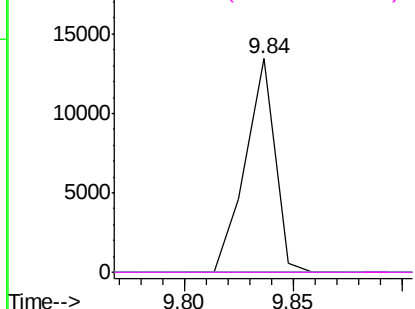
#56
 2,4-Dinitrotoluene
 Concen: 5.43 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.19 min
 Lab File: BF084092.D
 Acq: 24 Dec 2015 21:26

Instrument :
 BNA_F
 ClientSampleId :
 PB87153BL

Tgt Ion:165 Resp: 12729
 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#

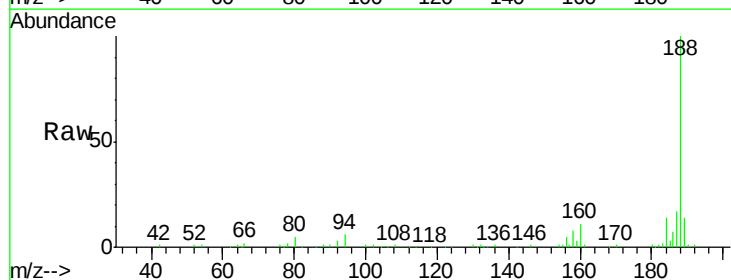


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

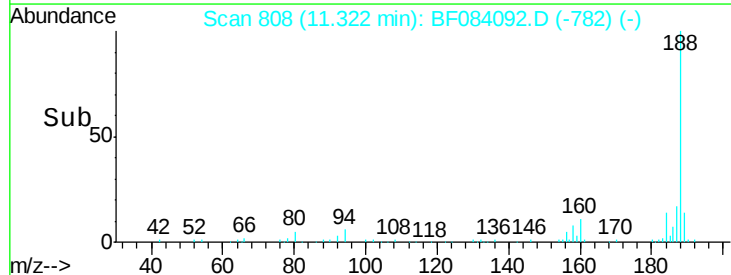
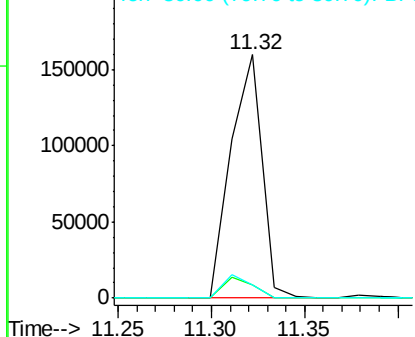


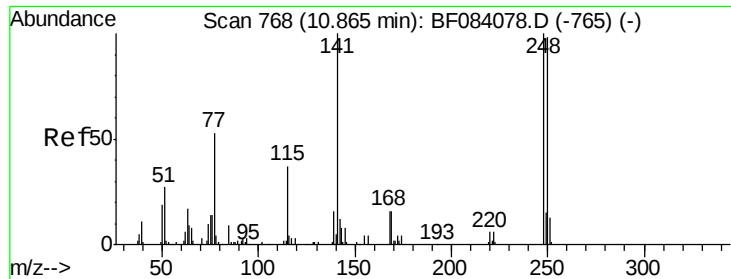
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF084092.D
 Acq: 24 Dec 2015 21:26

Tgt Ion:188 Resp: 187301
 Ion Ratio Lower Upper
 188 100
 94 5.6 9.0 13.4#
 80 5.4 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: 3.79 ng

RT: 10.62 min Scan# 747

Delta R.T. -0.24 min

Lab File: BF084092.D

Acq: 24 Dec 2015 21:26

Instrument :

BNA_F

ClientSampleId :

PB87153BL

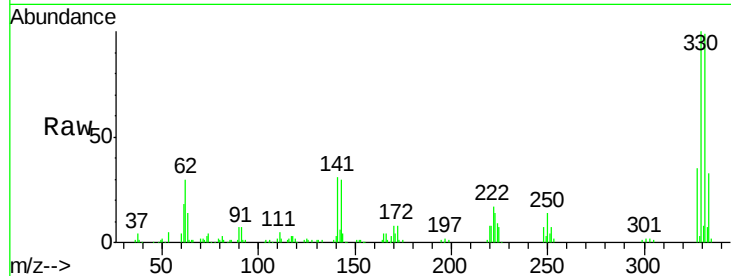
Tgt Ion:248 Resp: 8231

Ion Ratio Lower Upper

248 100

250 182.1 78.4 117.6#

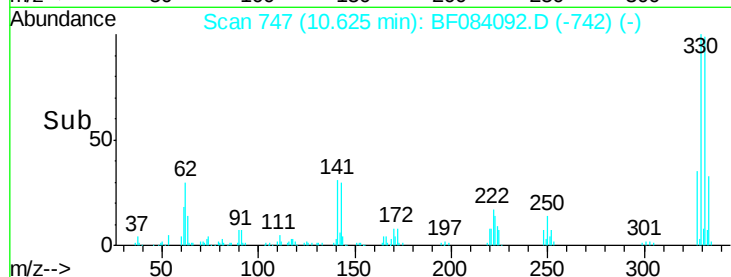
141 419.7 44.0 66.0#



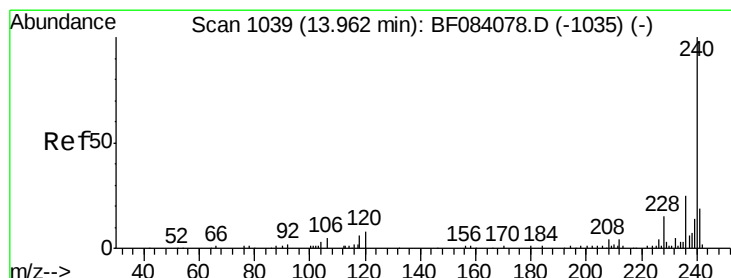
Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF084092.D

Acq: 24 Dec 2015 21:26

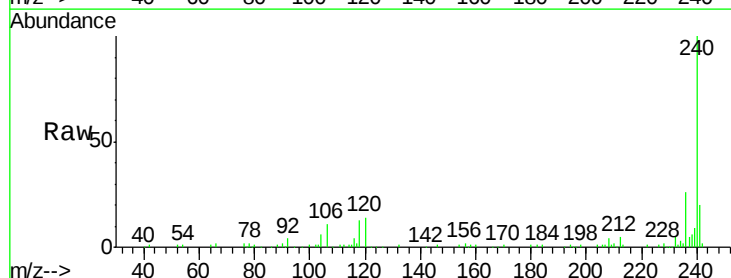
Tgt Ion:240 Resp: 154090

Ion Ratio Lower Upper

240 100

120 14.1 9.5 14.3

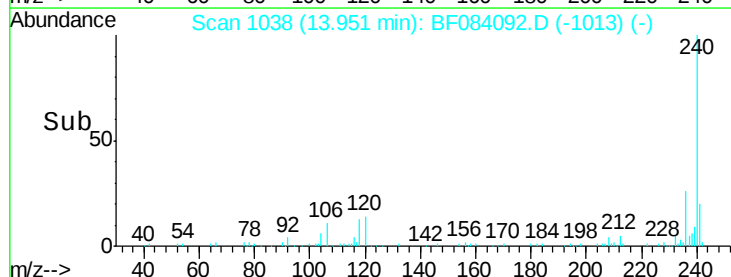
236 26.0 20.6 31.0



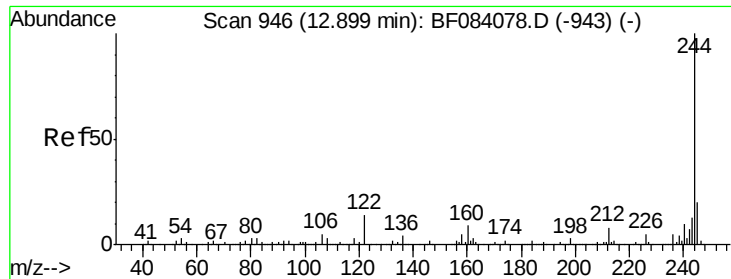
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



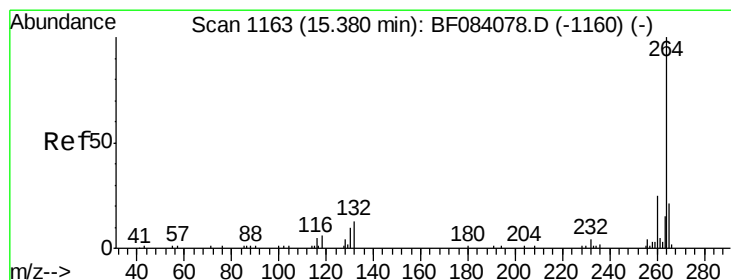
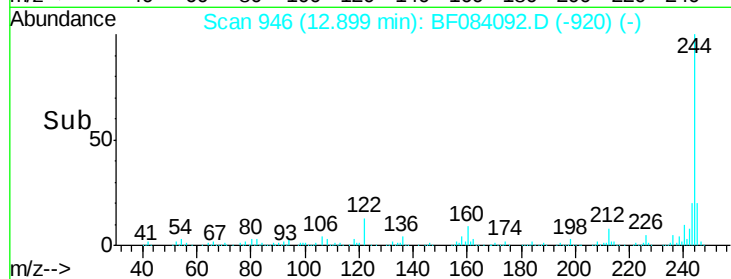
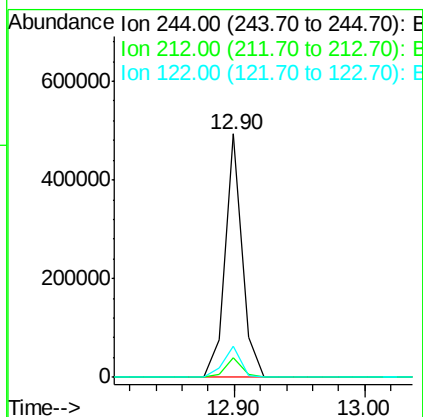
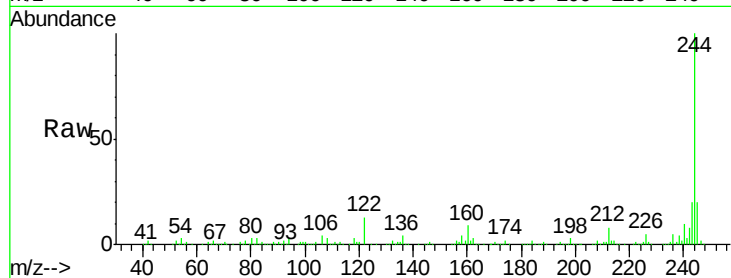
Time-->



#78
 Terphenyl-d14
 Concen: 52.50 ng
 RT: 12.90 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF084092.D
 Acq: 24 Dec 2015 21:26

Instrument :
 BNA_F
 ClientSampleId :
 PB87153BL

Tgt Ion:244 Resp: 447083
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.7 8.5
 122 12.7 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BF084092.D
 Acq: 24 Dec 2015 21:26

Tgt Ion:264 Resp: 112045
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.4 29.2
 265 21.2 17.8 26.6

