

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
 Data File : BF084116.D
 Acq On : 25 Dec 2015 8:49
 Operator : UM/SJ
 Sample : G4951-09
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-122315

Quant Time: Dec 26 00:33:47 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

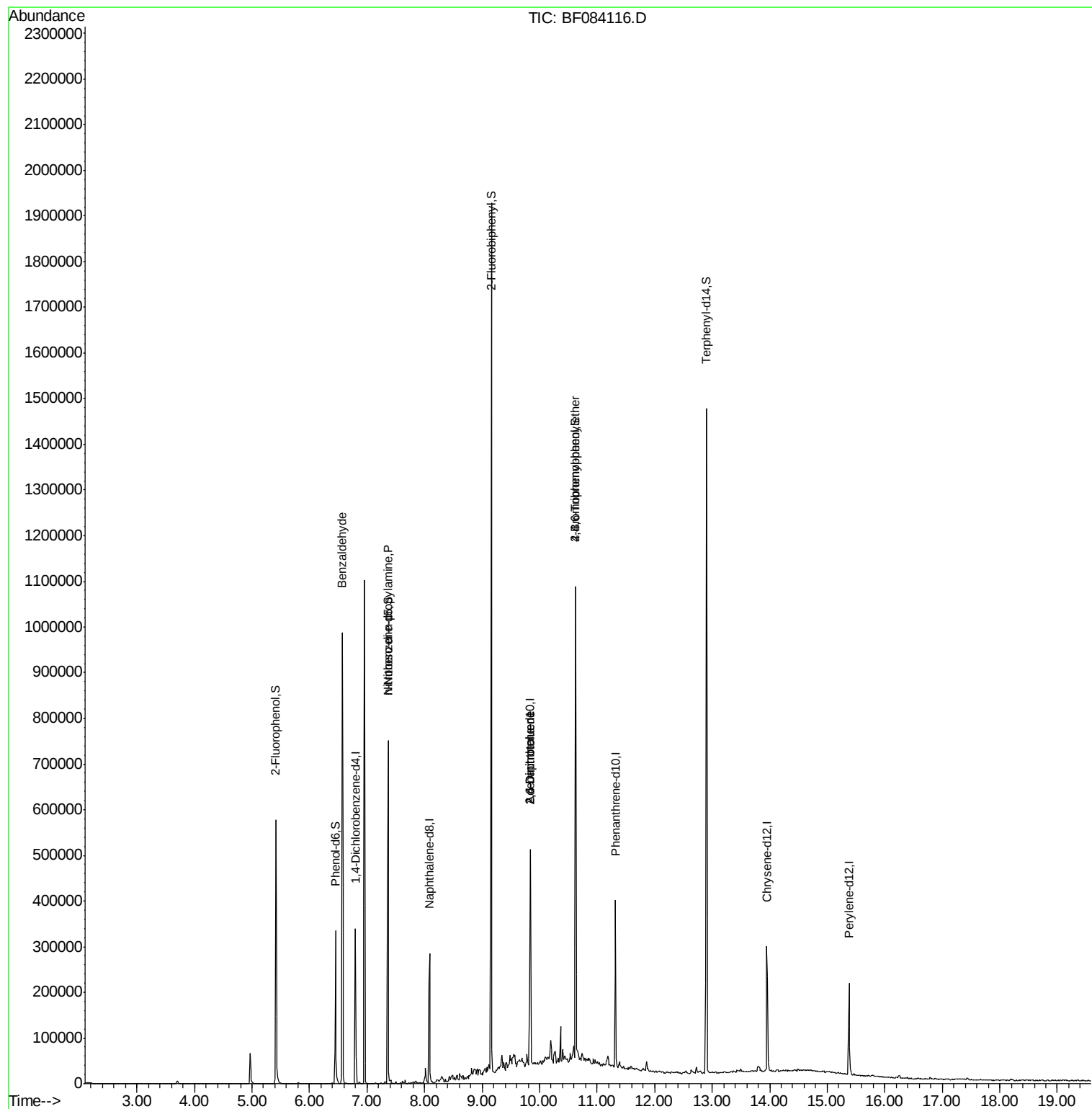
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	49973	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	178956	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	90822	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	155701	20.00	ng	0.00
75) Chrysene-d12	13.95	240	117442	20.00	ng	-0.01
86) Perylene-d12	15.38	264	96928	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	173985	59.03	ng	0.00
7) Phenol-d6	6.45	99	128195	35.15	ng	0.00
23) Nitrobenzene-d5	7.37	82	297739	97.39	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	118675	122.53	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	581444	87.60	ng	0.00
78) Terphenyl-d14	12.90	244	425517	65.56	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	6563	3.36	ng	# 84
19) n-Nitroso-di-n-propylamine	7.37	70	40440	18.00	ng	# 74
50) 2,6-Dinitrotoluene	9.84	165	11612	7.27	ng	# 40
56) 2,4-Dinitrotoluene	9.84	165	11612	5.51	ng	# 23
66) 4-Bromophenyl-phenylether	10.62	248	8789	4.87	ng	# 1
74) Fluoranthene	12.53	202	1407	Below Cal		74

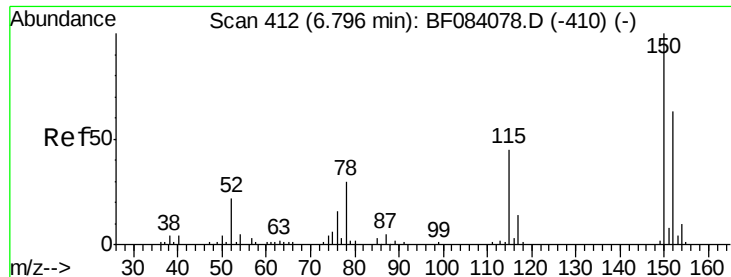
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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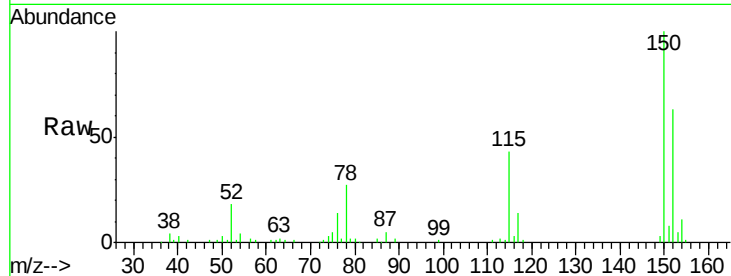


#1

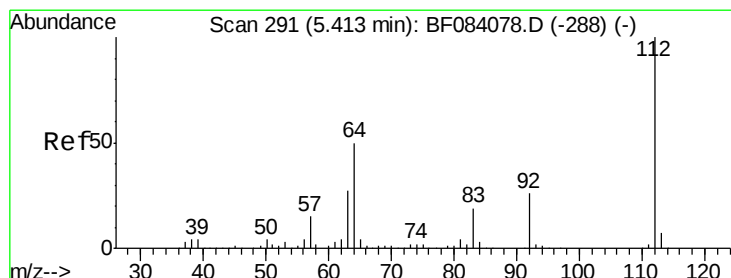
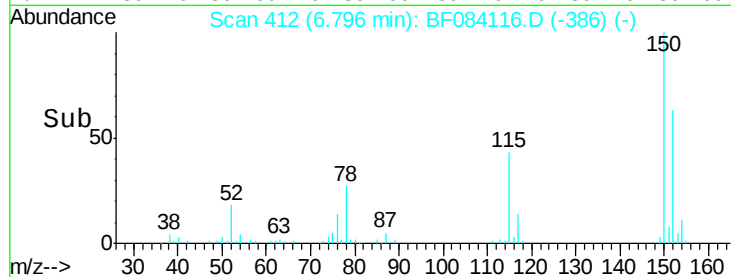
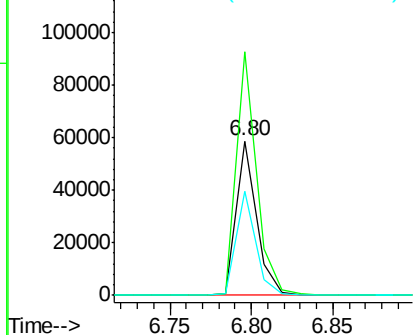
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 412
 Delta R.T. 0.00 min
 Lab File: BF084116.D
 Acq: 25 Dec 2015 8:49

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-122315

Tgt Ion:152 Resp: 49973
 Ion Ratio Lower Upper
 152 100
 150 158.0 123.0 184.4
 115 67.7 51.4 77.2



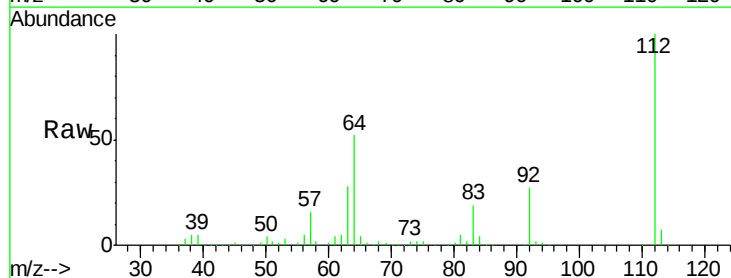
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



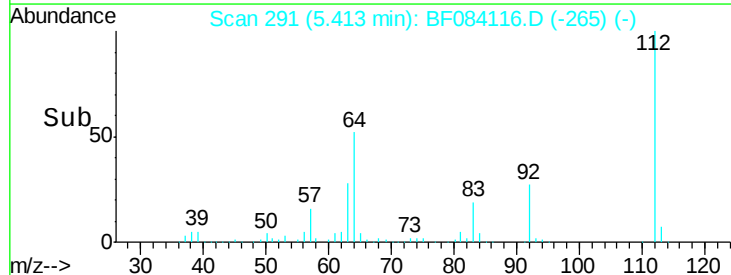
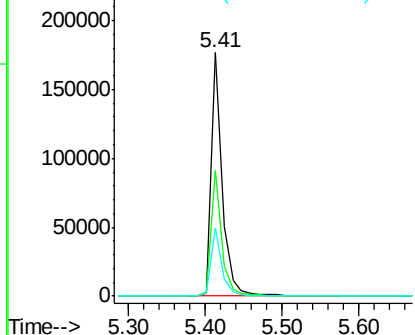
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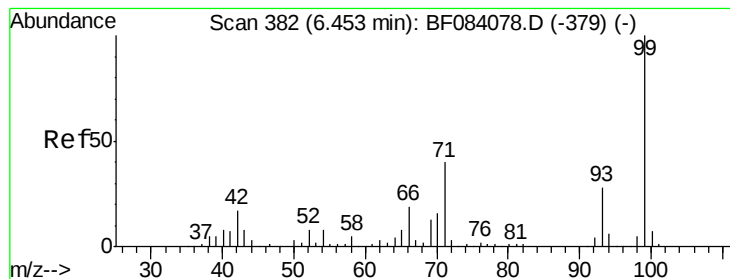
2-Fluorophenol
 Concen: 59.03 ng
 RT: 5.41 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: BF084116.D
 Acq: 25 Dec 2015 8:49

Tgt Ion:112 Resp: 173985
 Ion Ratio Lower Upper
 112 100
 64 51.7 36.6 55.0
 63 27.8 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: 35.15 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF084116.D

Acq: 25 Dec 2015 8:49

Instrument :

BNA_F

ClientSampleId :

PZ-1-122315

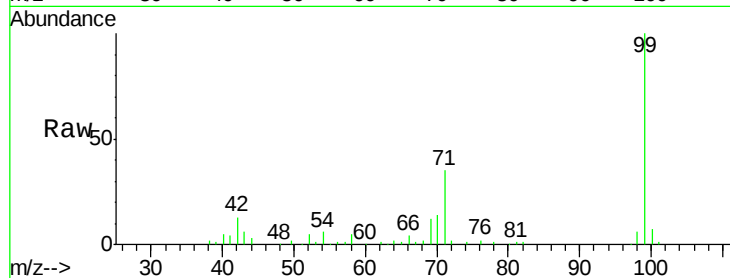
Tgt Ion: 99 Resp: 128195

Ion Ratio Lower Upper

99 100

42 12.8 12.8 19.2

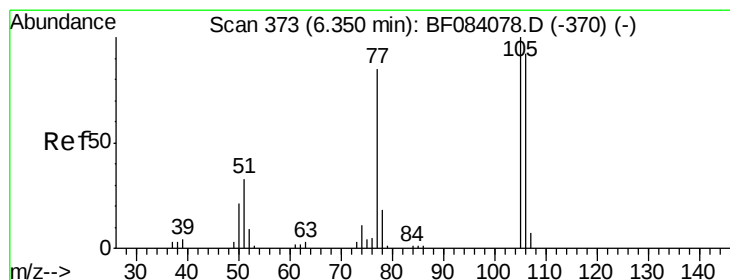
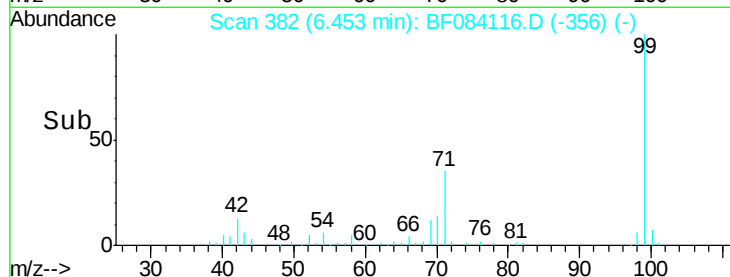
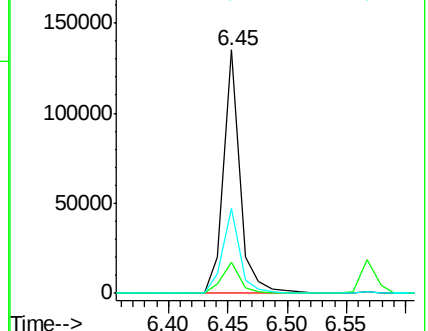
71 35.0 30.9 46.3



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



#9

Benzaldehyde

Concen: 3.36 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.22 min

Lab File: BF084116.D

Acq: 25 Dec 2015 8:49

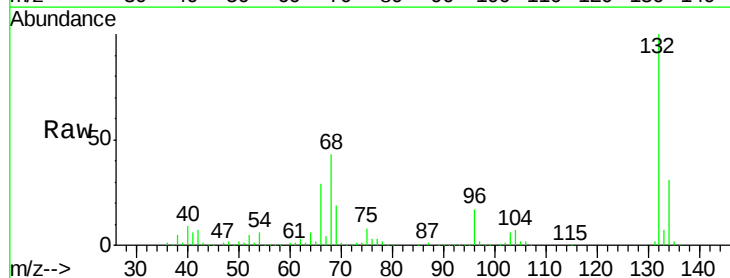
Tgt Ion: 77 Resp: 6563

Ion Ratio Lower Upper

77 100

105 80.8 83.0 123.0#

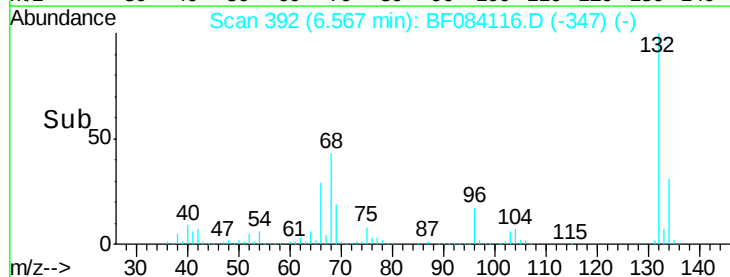
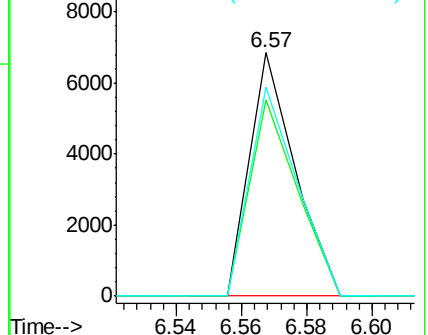
106 86.1 74.6 114.6

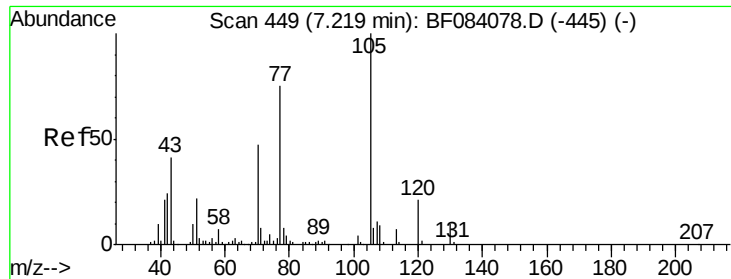


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

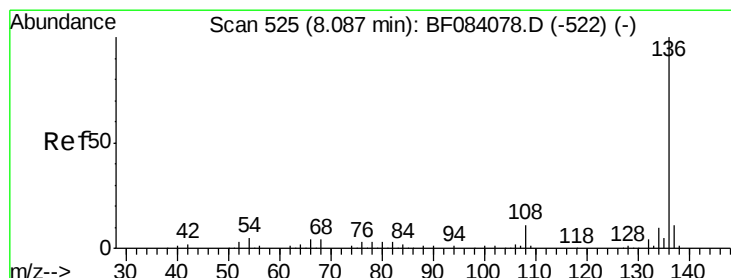
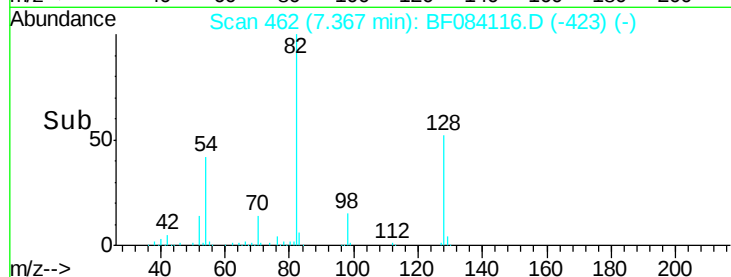
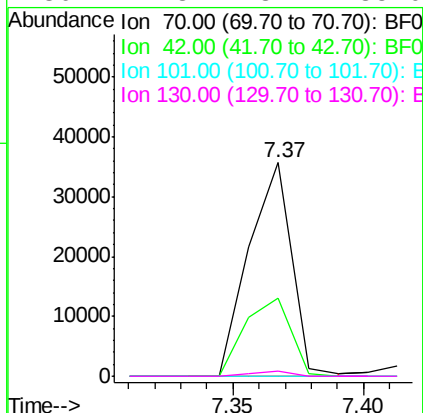
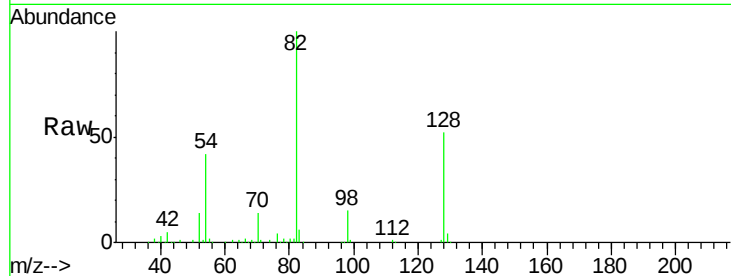




#19
n-Nitroso-di-n-propylamine
Concen: 18.00 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.15 min
Lab File: BF084116.D
Acq: 25 Dec 2015 8:49

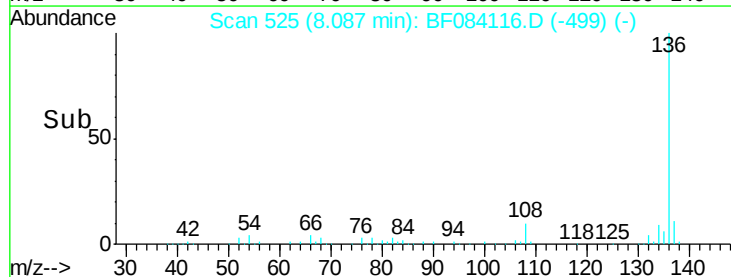
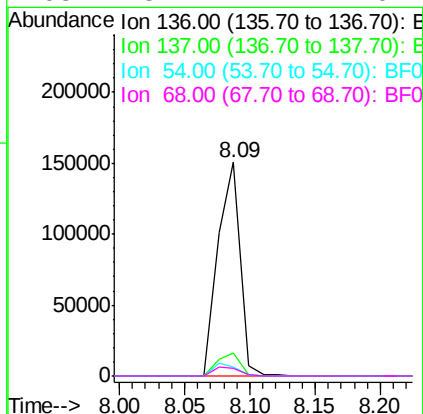
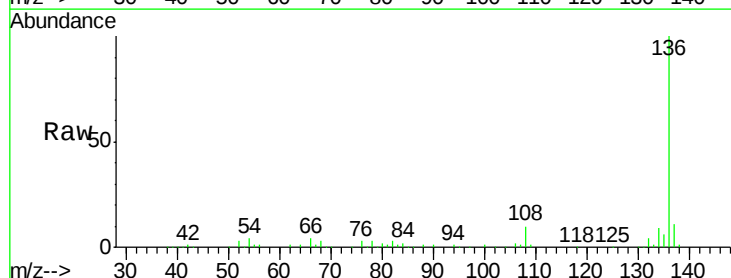
Instrument :
BNA_F
ClientSampleId :
PZ-1-122315

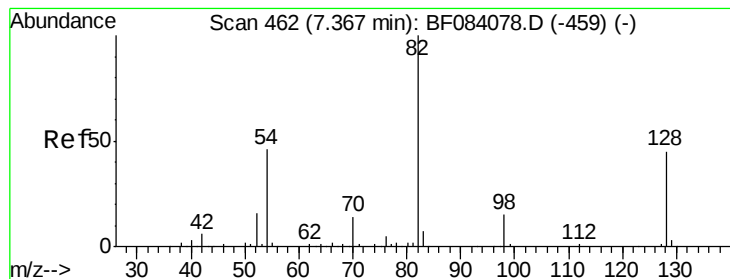
Tgt Ion: 70 Resp: 40440
Ion Ratio Lower Upper
70 100
42 36.5 33.3 49.9
101 0.0 9.3 13.9#
130 2.3 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF084116.D
Acq: 25 Dec 2015 8:49

Tgt Ion: 136 Resp: 178956
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 4.3 5.8 8.8#
68 3.4 4.2 6.2#





#23

Nitrobenzene-d5

Concen: 97.39 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.00 min

Lab File: BF084116.D

Acq: 25 Dec 2015 8:49

Instrument :

BNA_F

ClientSampleId :

PZ-1-122315

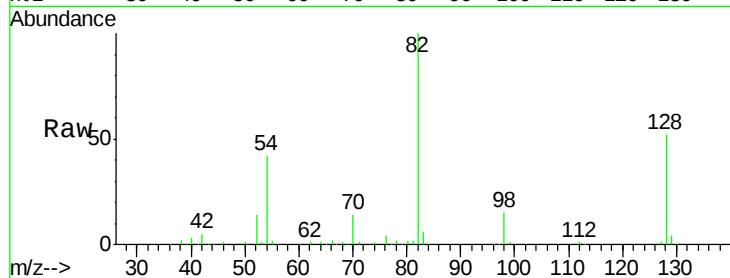
Tgt Ion: 82 Resp: 297739

Ion Ratio Lower Upper

82 100

128 51.7 34.6 51.8

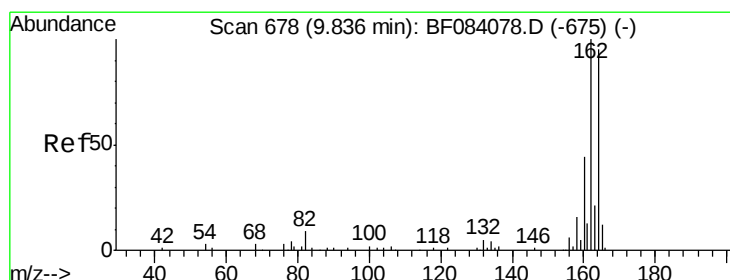
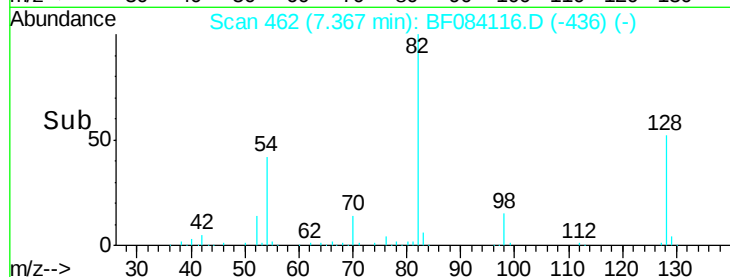
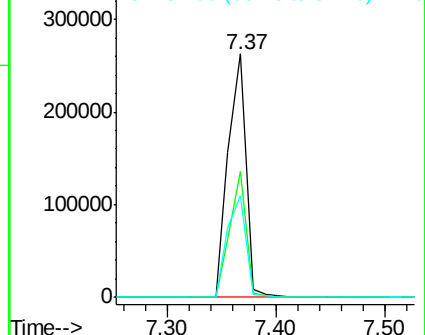
54 41.7 38.4 57.6



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF084116.D

Acq: 25 Dec 2015 8:49

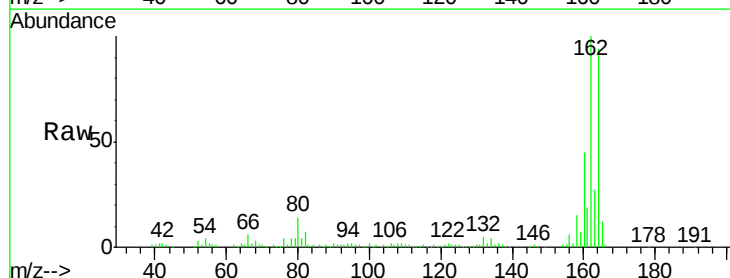
Tgt Ion: 164 Resp: 90822

Ion Ratio Lower Upper

164 100

162 106.5 85.1 127.7

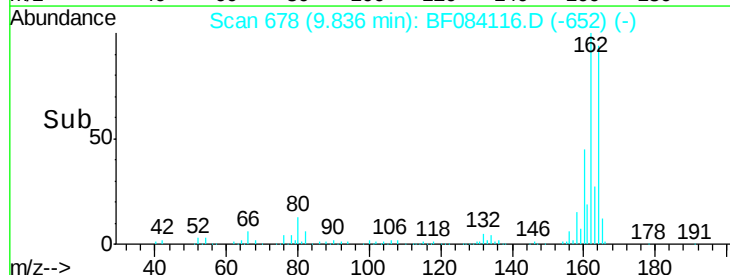
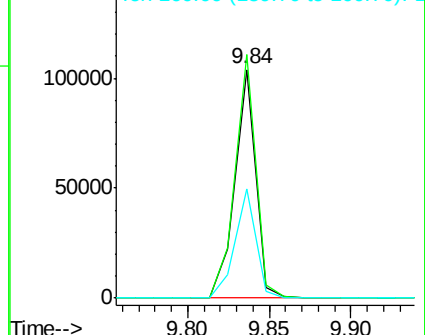
160 47.6 37.5 56.3

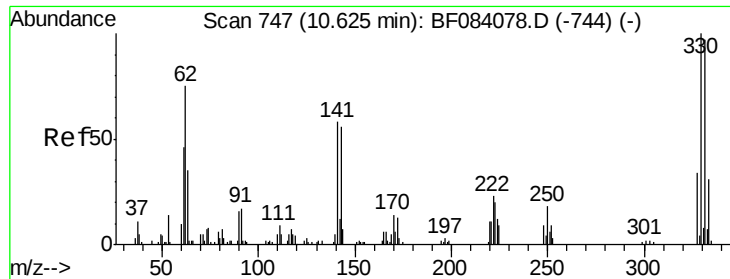


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

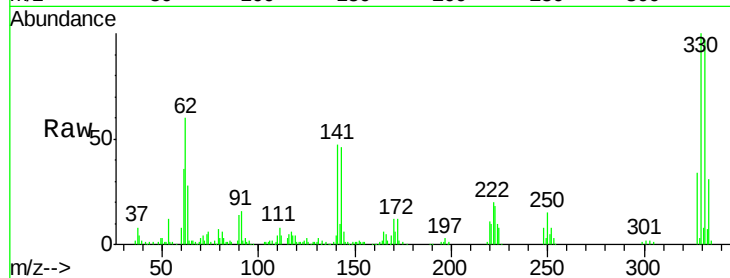




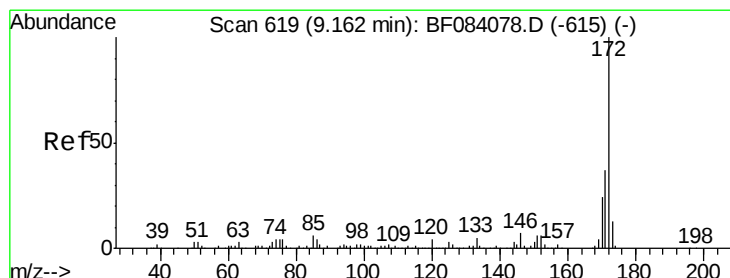
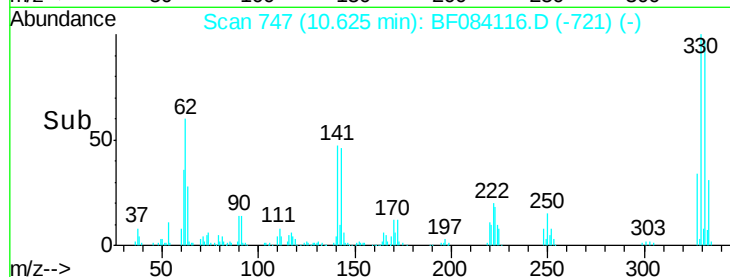
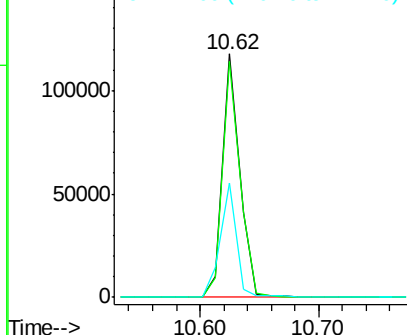
#41
 2,4,6-Tribromophenol
 Concen: 122.53 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF084116.D
 Acq: 25 Dec 2015 8:49

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Tgt Ion: 330 Resp: 118675
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 114.8
 141 44.6 27.8 41.6#

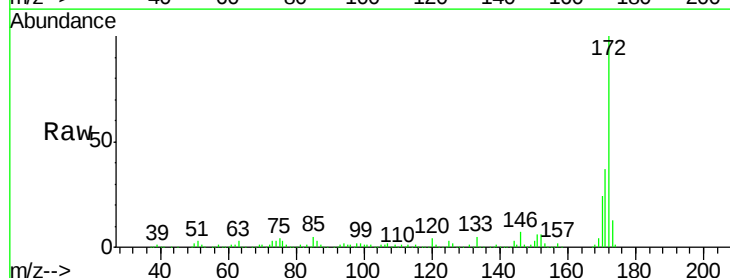


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

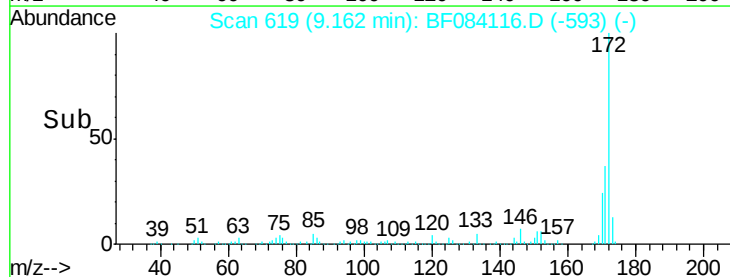
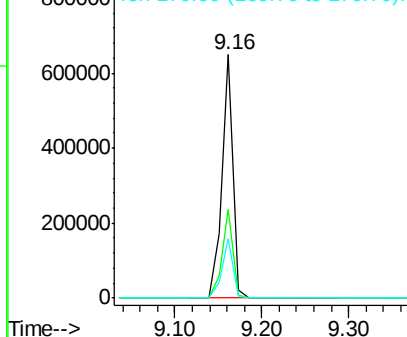


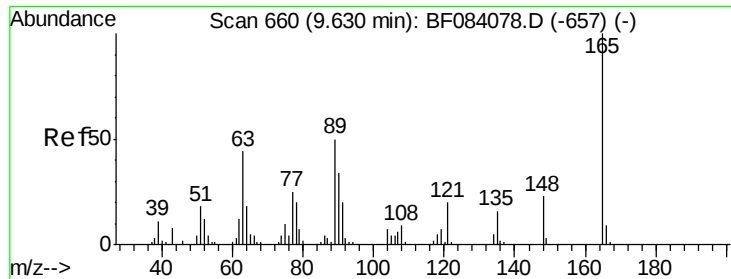
#44
 2-Fluorobiphenyl
 Concen: 87.60 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF084116.D
 Acq: 25 Dec 2015 8:49

Tgt Ion: 172 Resp: 581444
 Ion Ratio Lower Upper
 172 100
 171 36.6 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

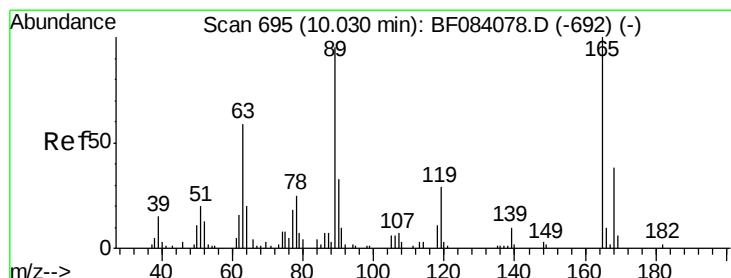
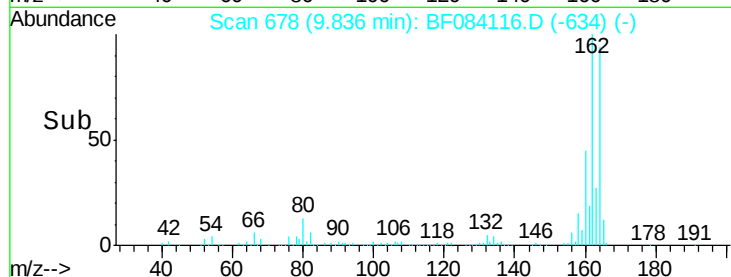
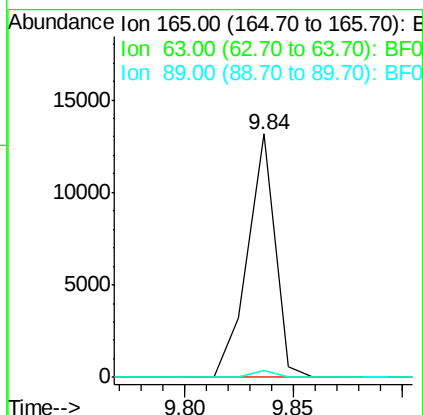
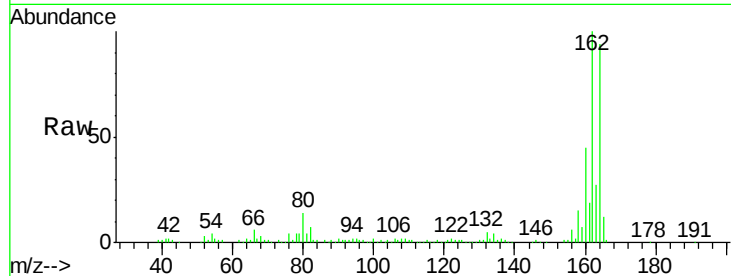




#50
 2,6-Dinitrotoluene
 Concen: 7.27 ng
 RT: 9.84 min Scan# 678
 Delta R.T. 0.21 min
 Lab File: BF084116.D
 Acq: 25 Dec 2015 8:49

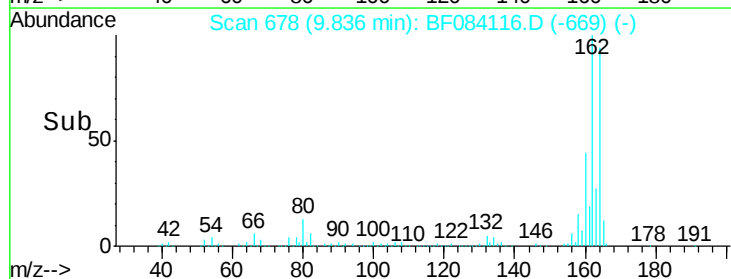
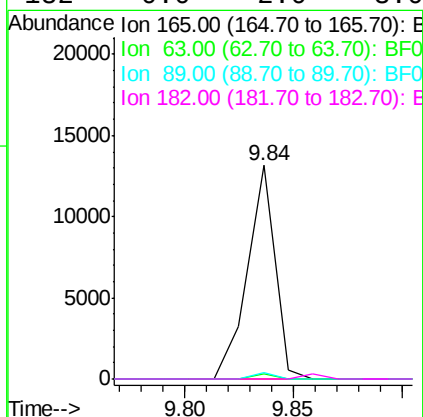
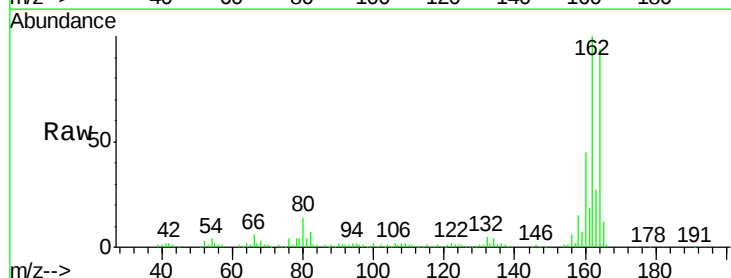
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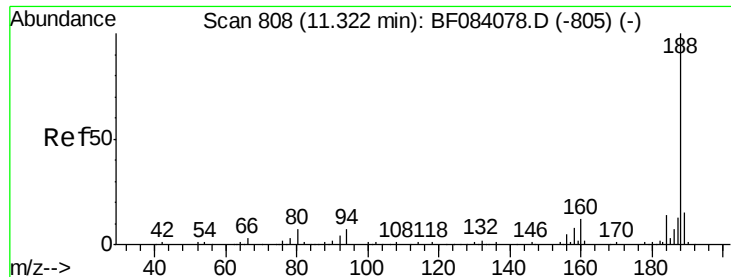
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.7	28.8	43.2#
89	3.1	35.1	52.7#



#56
 2,4-Dinitrotoluene
 Concen: 5.51 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.19 min
 Lab File: BF084116.D
 Acq: 25 Dec 2015 8:49

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.7	36.7	55.1#
89	3.1	61.9	92.9#
182	0.0	2.0	3.0#

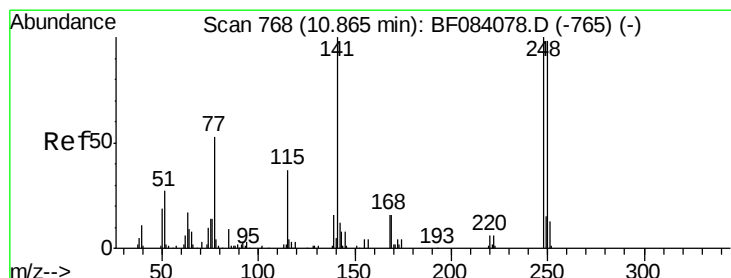
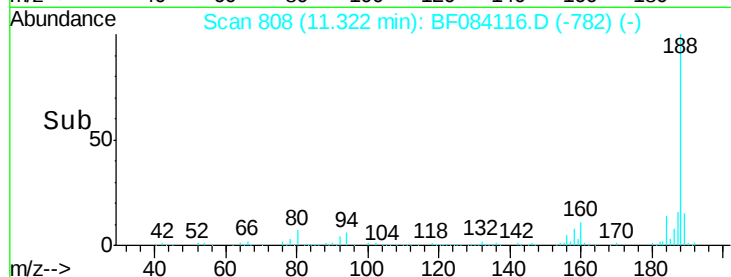
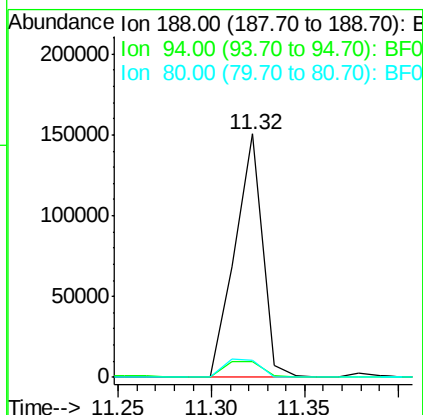
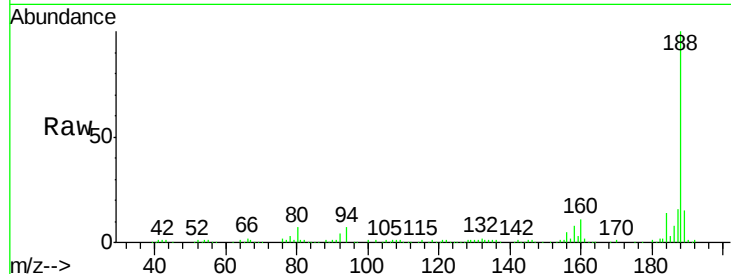




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF084116.D
 Acq: 25 Dec 2015 8:49

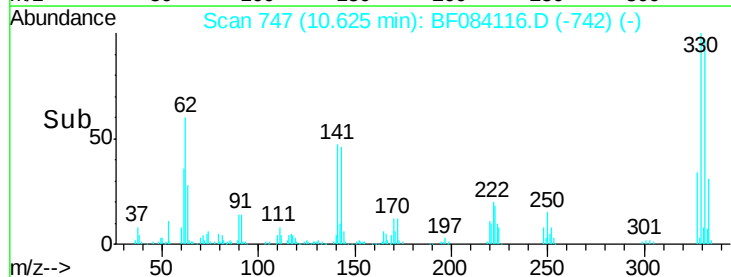
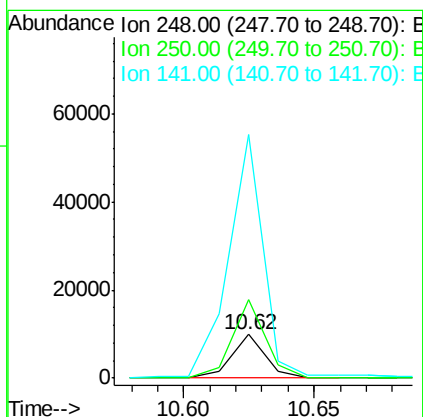
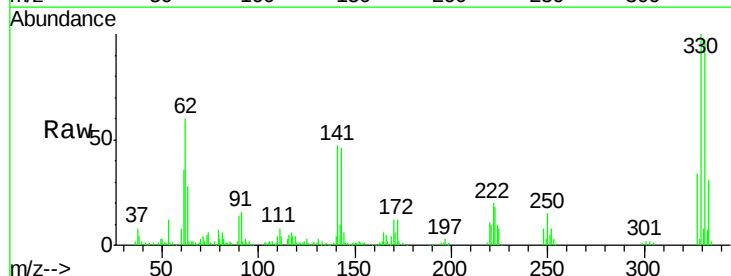
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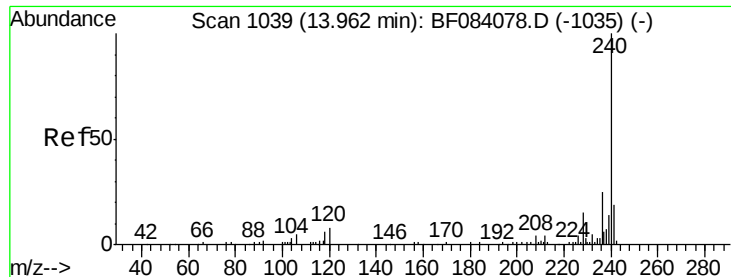
Tgt Ion:188 Resp: 155701
 Ion Ratio Lower Upper
 188 100
 94 6.6 9.0 13.4#
 80 6.9 9.6 14.4#



#66
 4-Bromophenyl-phenylether
 Concen: 4.87 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.24 min
 Lab File: BF084116.D
 Acq: 25 Dec 2015 8:49

Tgt Ion:248 Resp: 8789
 Ion Ratio Lower Upper
 248 100
 250 181.6 78.4 117.6#
 141 562.0 44.0 66.0#

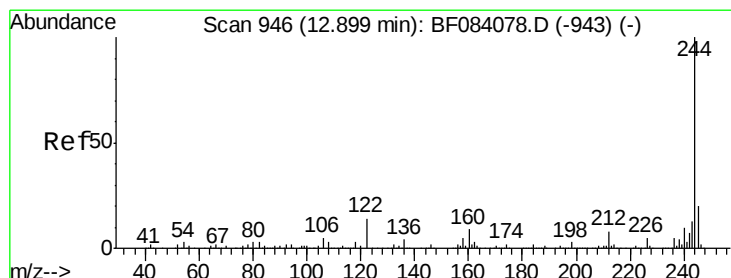
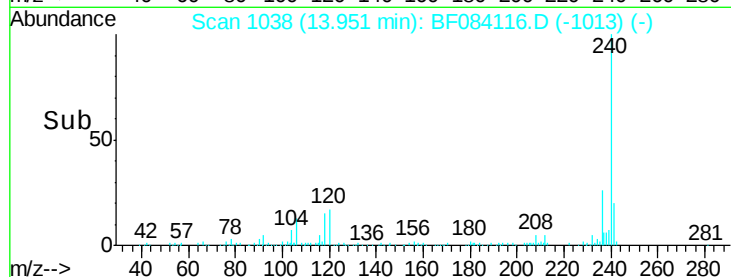
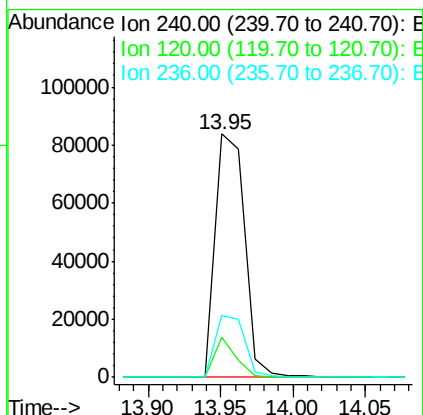
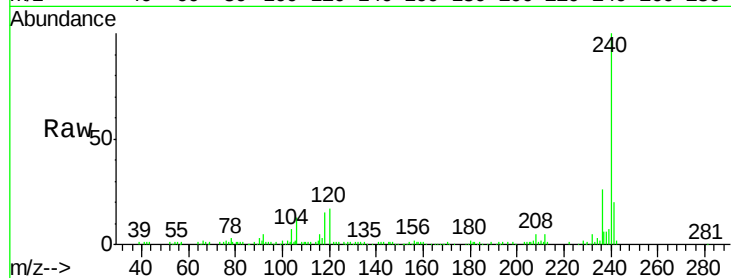




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF084116.D
Acq: 25 Dec 2015 8:49

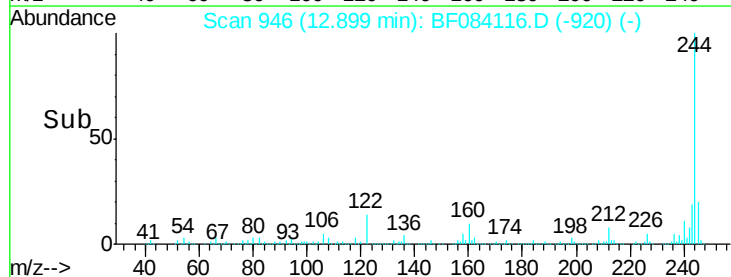
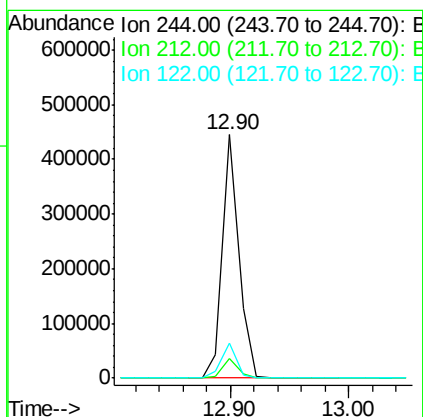
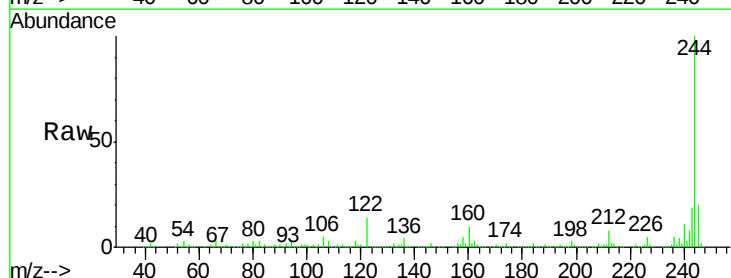
Instrument :
BNA_F
ClientSampleId :
PZ-1-122315

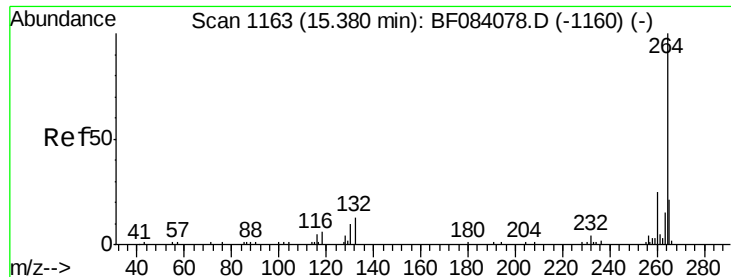
Tgt Ion:240 Resp: 117442
Ion Ratio Lower Upper
240 100
120 16.6 9.5 14.3#
236 25.5 20.6 31.0



#78
Terphenyl-d14
Concen: 65.56 ng
RT: 12.90 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF084116.D
Acq: 25 Dec 2015 8:49

Tgt Ion:244 Resp: 425517
Ion Ratio Lower Upper
244 100
212 8.0 5.7 8.5
122 14.5 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: BF084116.D
Acq: 25 Dec 2015 8:49

Instrument :
BNA_F
ClientSampleId :
PZ-1-122315

Tgt Ion: 264 Resp: 96928
Ion Ratio Lower Upper
264 100
260 24.1 19.4 29.2
265 20.8 17.8 26.6

