

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112315\
 Data File : BF083224.D
 Acq On : 24 Nov 2015 1:03
 Operator : UM/IZ
 Sample : G4496-03RE
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A18-COMP

Quant Time: Nov 24 04:40:09 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

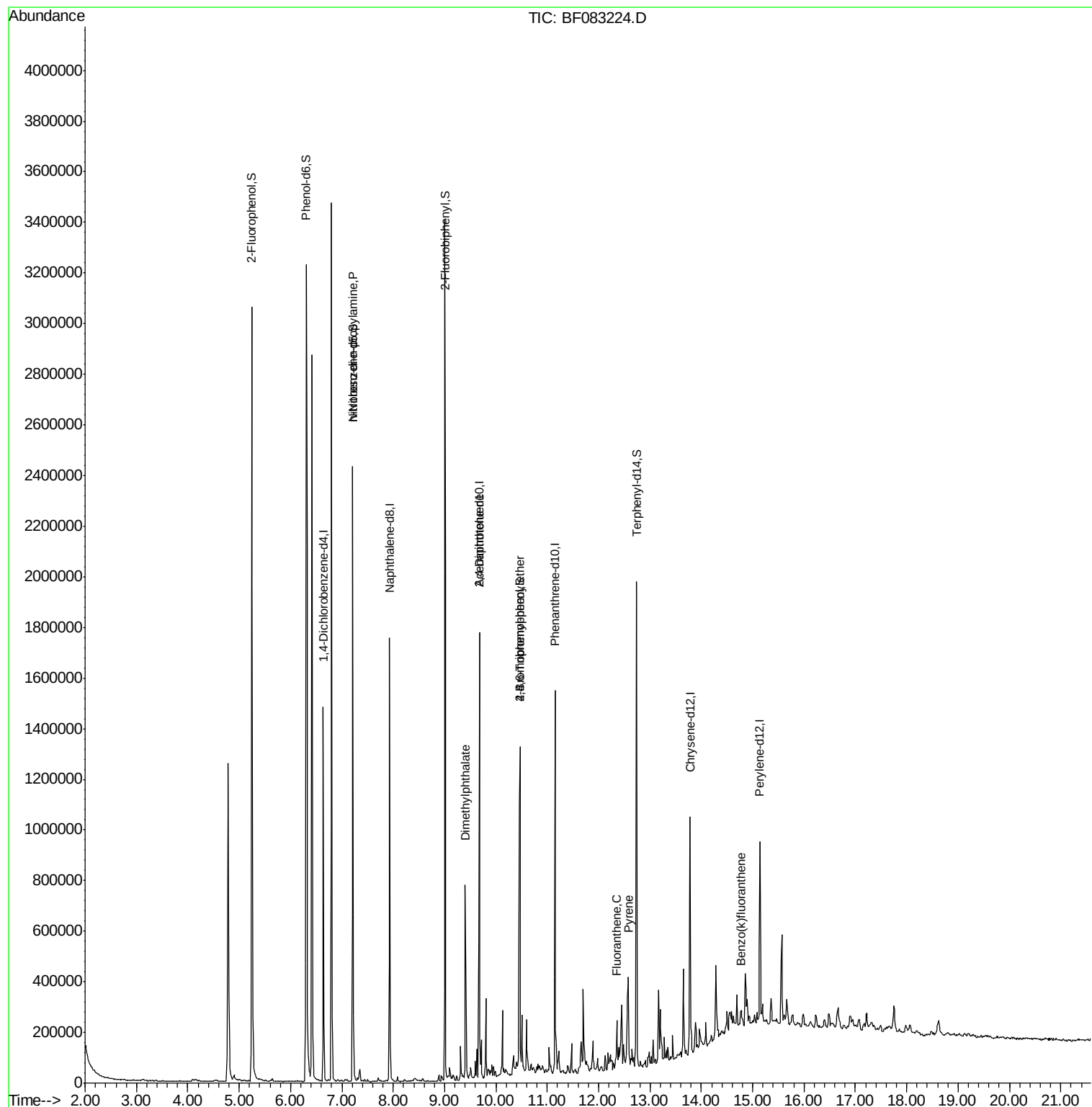
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	207370	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	776231	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	357815	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	548257	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	430386	20.00	ng	-0.02
86) Perylene-d12	15.14	264	317142	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	1072057	78.16	ng	-0.03
7) Phenol-d6	6.31	99	1442335	81.27	ng	-0.03
23) Nitrobenzene-d5	7.21	82	826254	48.64	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	190464	52.03	ng	-0.02
44) 2-Fluorobiphenyl	9.00	172	1350280	52.62	ng	-0.02
78) Terphenyl-d14	12.74	244	887791	48.58	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.31	77	3562	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	7.21	70	112729	9.13 ng	#	77
49) Dimethylphthalate	9.40	163	356830	12.95 ng		100
56) 2,4-Dinitrotoluene	9.68	165	45525	5.81 ng	#	11
66) 4-Bromophenyl-phenylether	10.47	248	13365	2.20 ng	#	1
74) Fluoranthene	12.35	202	73104	2.26 ng		96
77) Pyrene	12.58	202	60059	2.04 ng		97
88) Benzo(k)fluoranthene	14.78	252	42625	2.64 ng	#	90

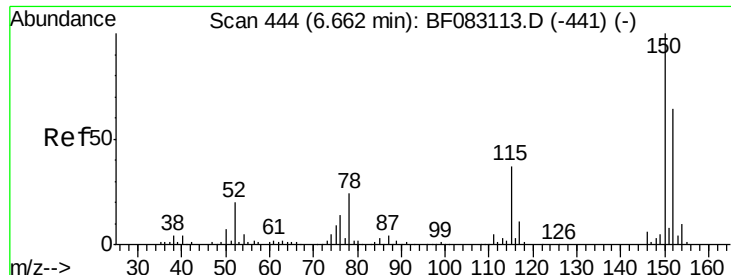
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
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A18-COMP

Quant Time: Nov 24 04:40:09 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 407

Delta R.T. -0.02 min

Lab File: BF083224.D

Acq: 24 Nov 2015 1:03

Instrument :

BNA_F

ClientSampleId :

A18-COMP

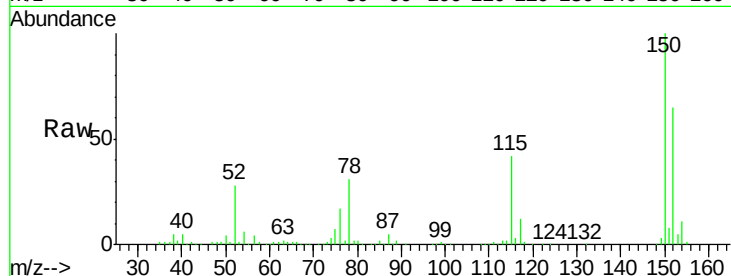
Tgt Ion:152 Resp: 207370

Ion Ratio Lower Upper

152 100

150 154.0 125.8 188.8

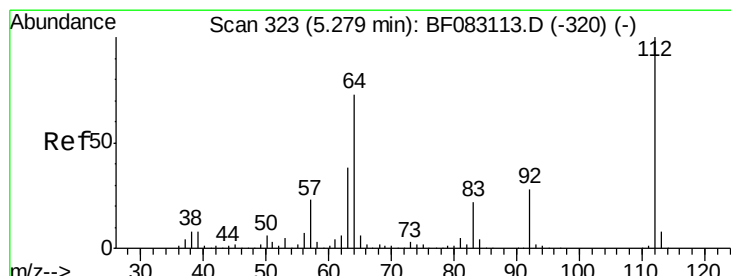
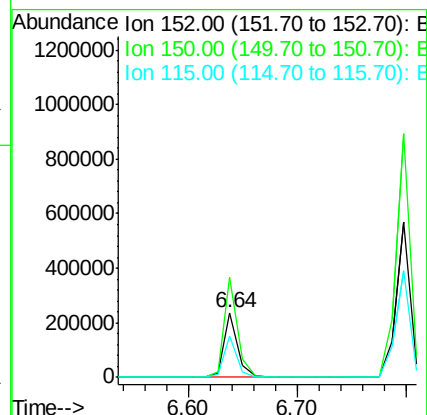
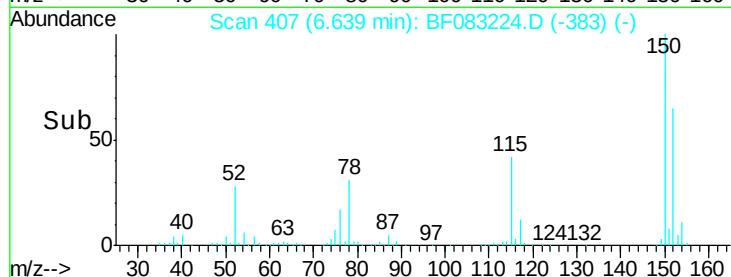
115 64.4 46.9 70.3



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: 78.16 ng

RT: 5.24 min Scan# 285

Delta R.T. -0.03 min

Lab File: BF083224.D

Acq: 24 Nov 2015 1:03

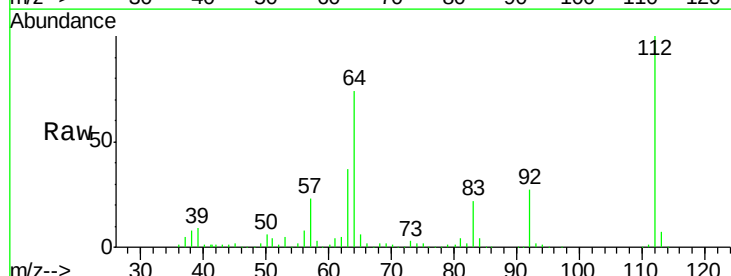
Tgt Ion:112 Resp: 1072057

Ion Ratio Lower Upper

112 100

64 74.2 58.4 87.6

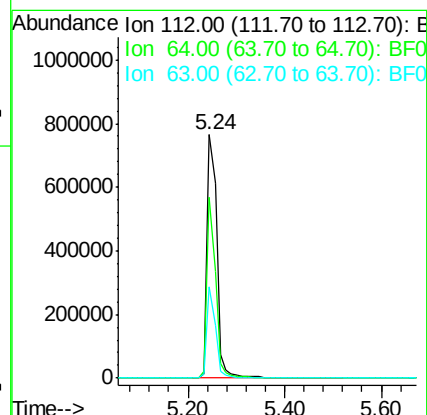
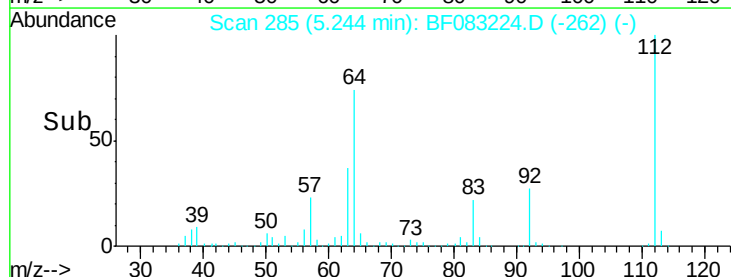
63 37.4 30.0 45.0

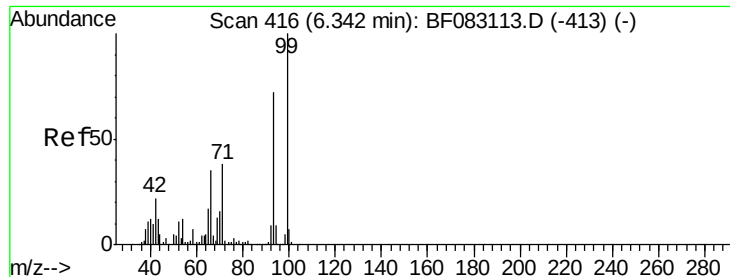


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 81.27 ng

RT: 6.31 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF083224.D

Acq: 24 Nov 2015 1:03

Instrument :

BNA_F

ClientSampleId :

A18-COMP

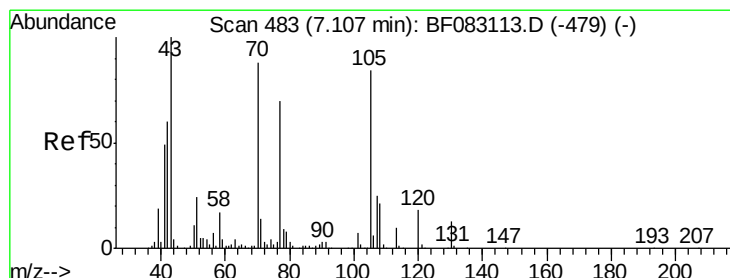
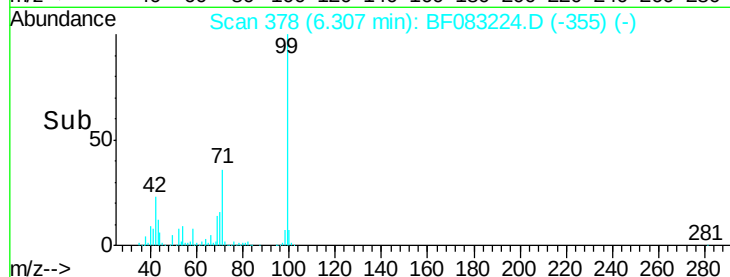
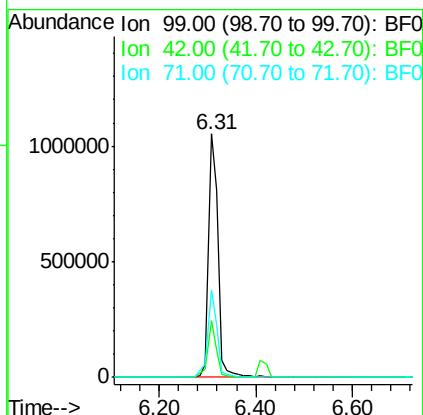
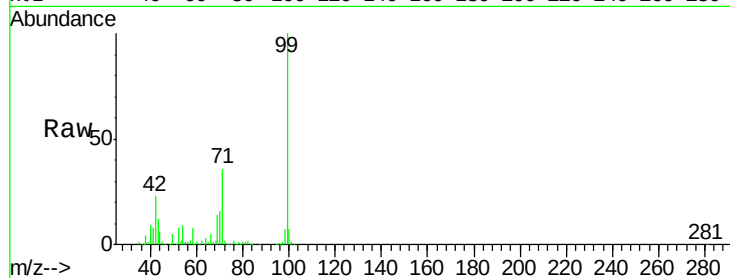
Tgt Ion: 99 Resp: 1442335

Ion Ratio Lower Upper

99 100

42 23.3 17.7 26.5

71 36.1 30.2 45.4



#19

n-Nitroso-di-n-propylamine

Concen: 9.13 ng

RT: 7.21 min Scan# 457

Delta R.T. 0.10 min

Lab File: BF083224.D

Acq: 24 Nov 2015 1:03

Tgt Ion: 70 Resp: 112729

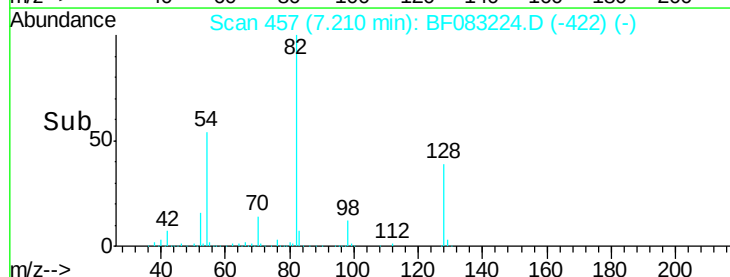
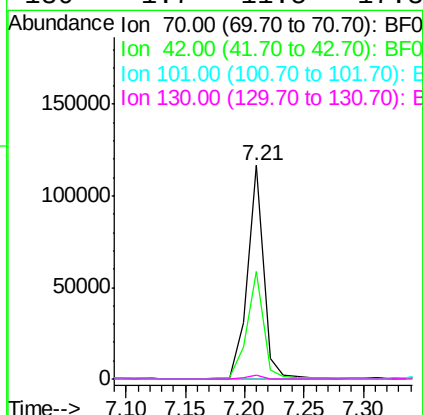
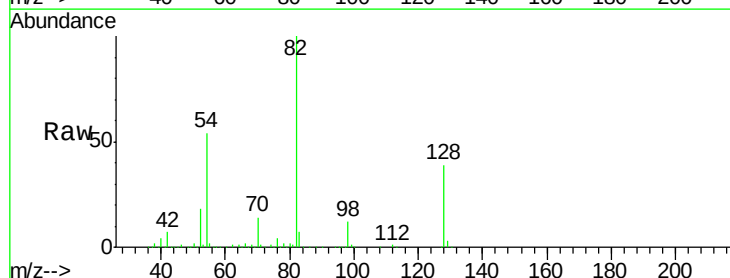
Ion Ratio Lower Upper

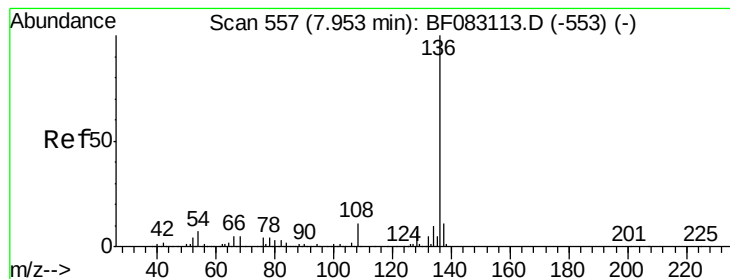
70 100

42 50.4 54.5 81.7#

101 0.0 6.6 9.8#

130 1.7 11.5 17.3#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 520

Delta R.T. -0.02 min

Lab File: BF083224.D

Acq: 24 Nov 2015 1:03

Instrument :

BNA_F

ClientSampleId :

A18-COMP

Tgt Ion: 136 Resp: 776231

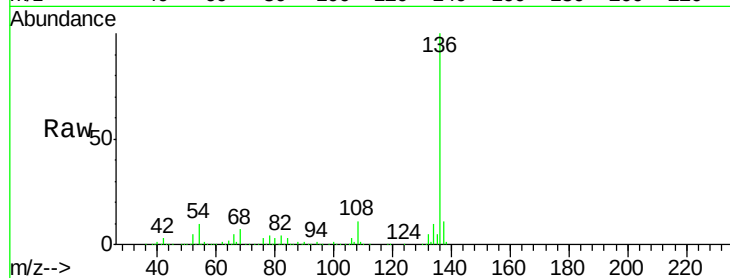
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 9.5 5.8 8.6#

68 6.8 3.8 5.8#

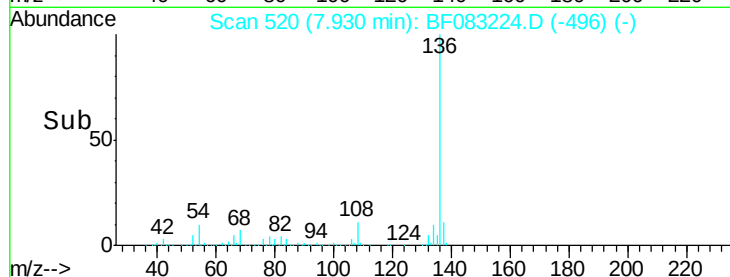


Abundance Ion 136.00 (135.70 to 136.70): E

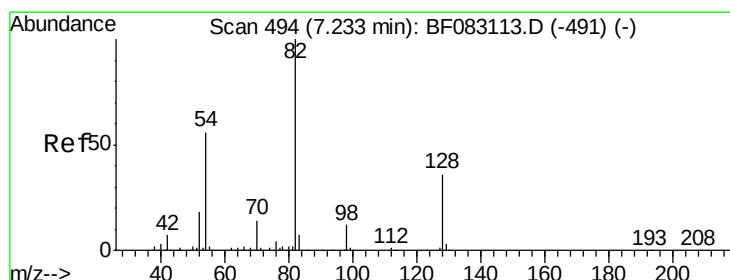
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 48.64 ng

RT: 7.21 min Scan# 457

Delta R.T. -0.02 min

Lab File: BF083224.D

Acq: 24 Nov 2015 1:03

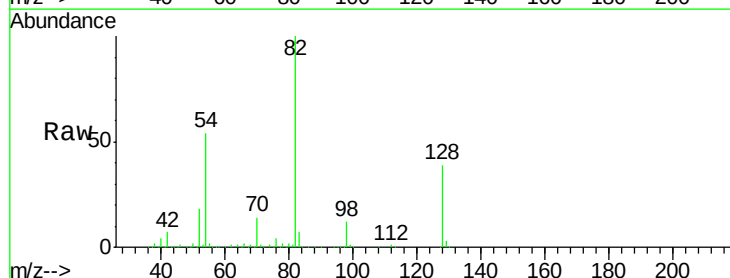
Tgt Ion: 82 Resp: 826254

Ion Ratio Lower Upper

82 100

128 38.5 28.5 42.7

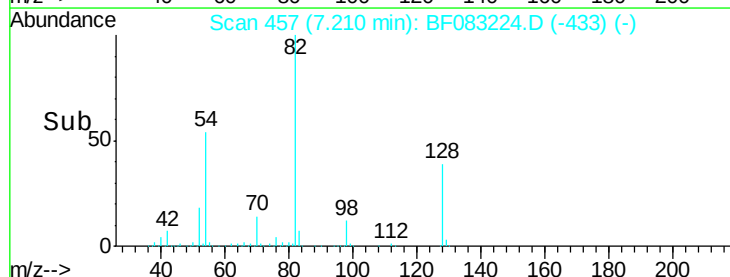
54 54.2 44.6 67.0



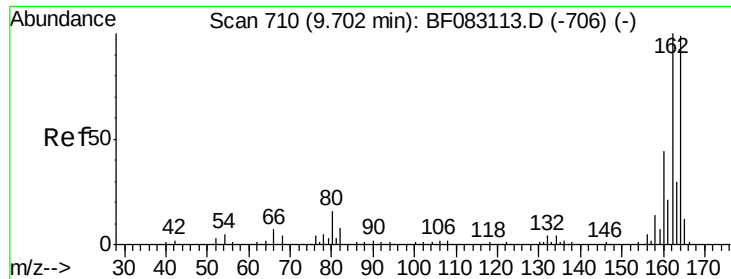
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



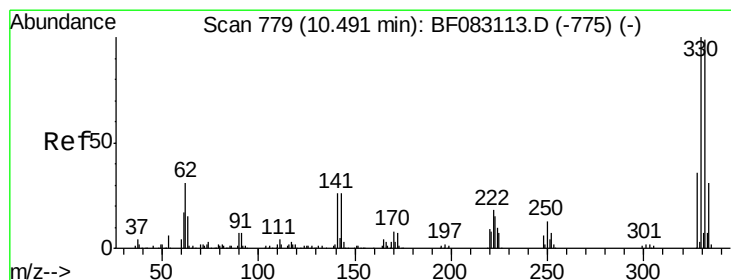
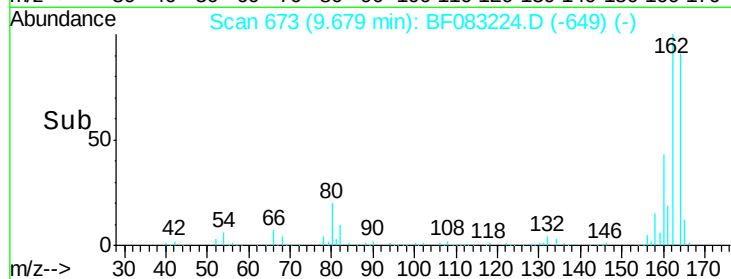
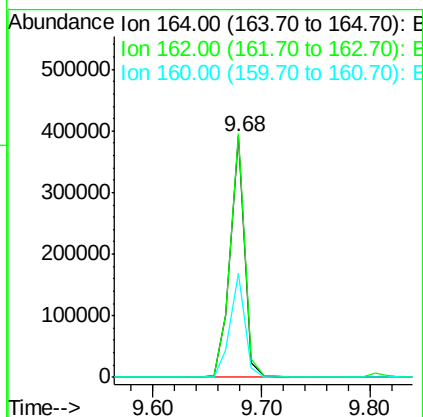
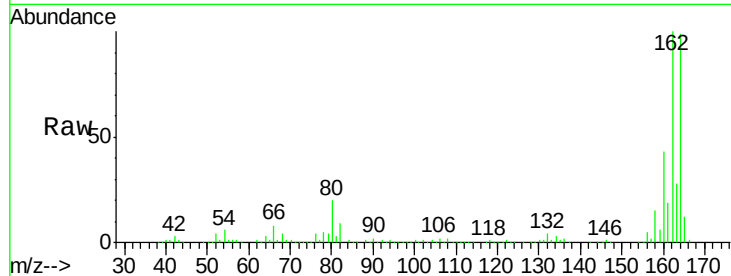
Time-->



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.68 min Scan# 673
 Delta R.T. -0.02 min
 Lab File: BF083224.D
 Acq: 24 Nov 2015 1:03

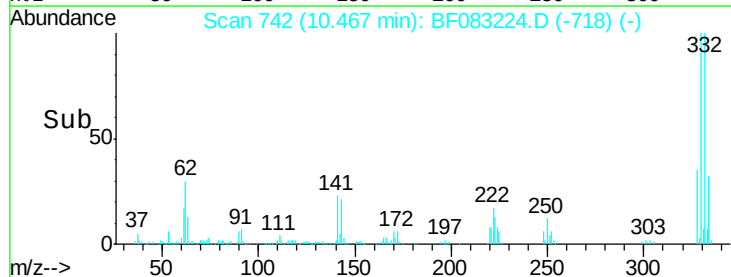
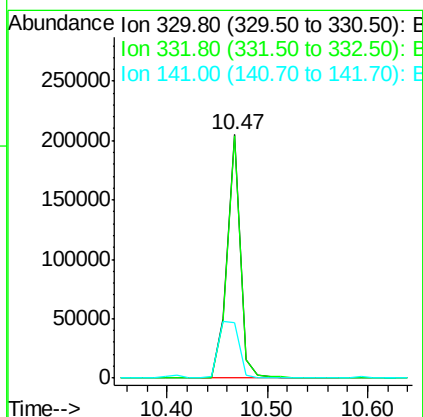
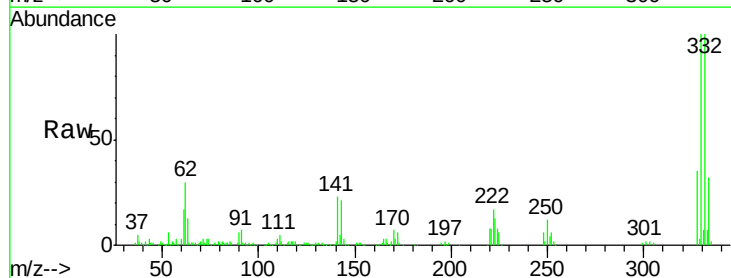
Instrument :
 BNA_F
 ClientSampleId :
 A18-COMP

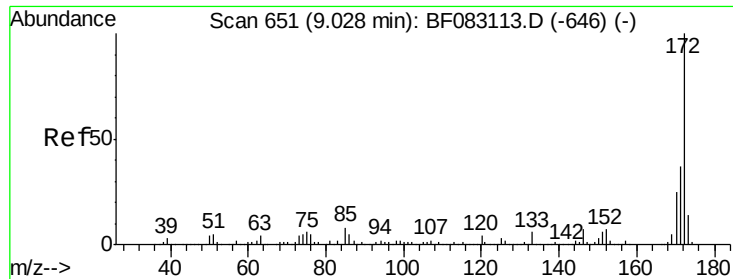
Tgt Ion:164 Resp: 357815
 Ion Ratio Lower Upper
 164 100
 162 101.2 81.2 121.8
 160 43.3 35.6 53.4



#41
 2,4,6-Tribromophenol
 Concen: 52.03 ng
 RT: 10.47 min Scan# 742
 Delta R.T. -0.02 min
 Lab File: BF083224.D
 Acq: 24 Nov 2015 1:03

Tgt Ion:330 Resp: 190464
 Ion Ratio Lower Upper
 330 100
 332 98.9 77.7 116.5
 141 36.4 29.7 44.5

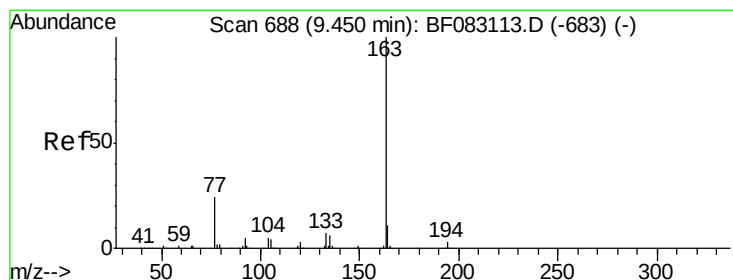
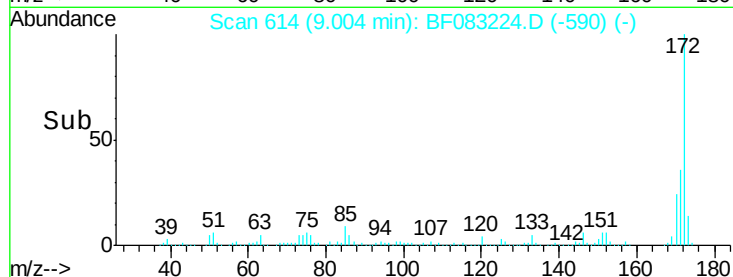
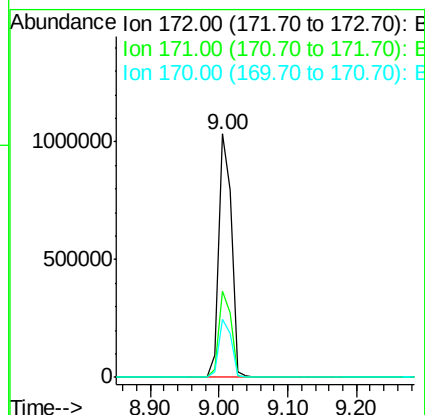
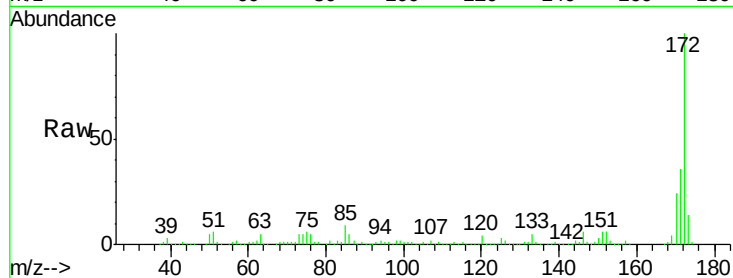




#44
 2-Fluorobiphenyl
 Concen: 52.62 ng
 RT: 9.00 min Scan# 614
 Delta R.T. -0.02 min
 Lab File: BF083224.D
 Acq: 24 Nov 2015 1:03

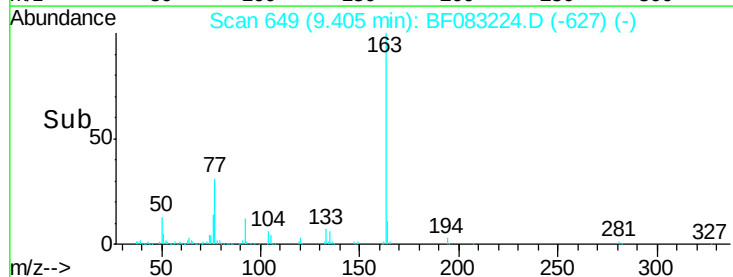
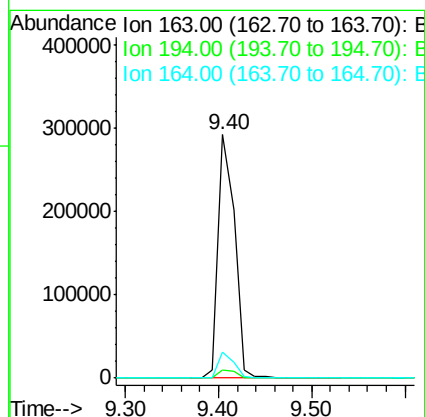
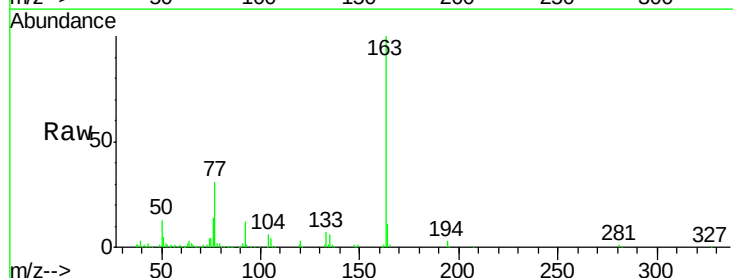
Instrument :
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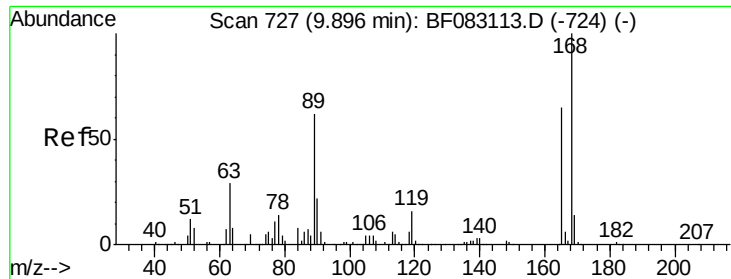
Tgt Ion:172 Resp: 1350280
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.5 44.3
 170 24.0 19.9 29.9



#49
 Dimethylphthalate
 Concen: 12.95 ng
 RT: 9.40 min Scan# 649
 Delta R.T. -0.05 min
 Lab File: BF083224.D
 Acq: 24 Nov 2015 1:03

Tgt Ion:163 Resp: 356830
 Ion Ratio Lower Upper
 163 100
 194 3.1 2.6 4.0
 164 10.6 8.6 12.8

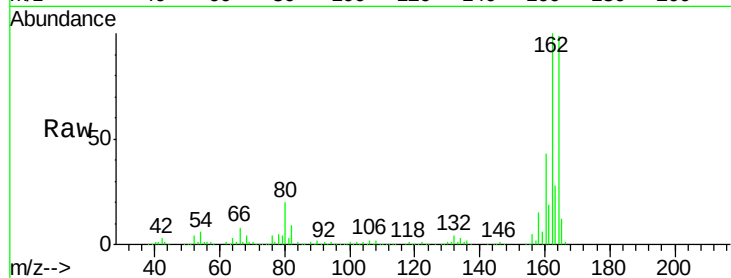




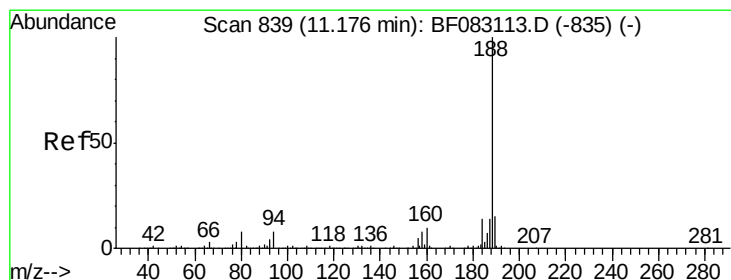
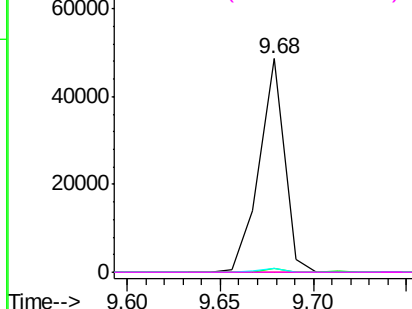
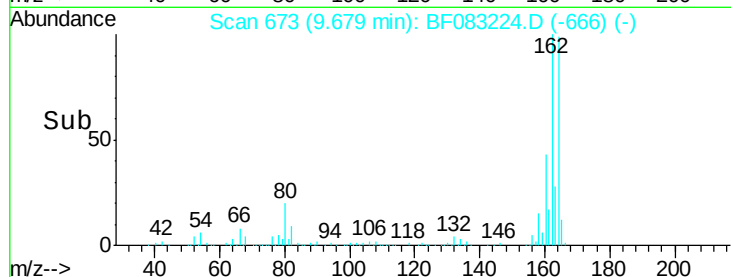
#56
 2,4-Dinitrotoluene
 Concen: 5.81 ng
 RT: 9.68 min Scan# 673
 Delta R.T. -0.22 min
 Lab File: BF083224.D
 Acq: 24 Nov 2015 1:03

Instrument :
 BNA_F
 ClientSampleId :
 A18-COMP

Tgt Ion:165 Resp: 45525
 Ion Ratio Lower Upper
 165 100
 63 2.1 54.5 81.7#
 89 2.1 77.3 115.9#
 182 0.0 1.8 2.6#

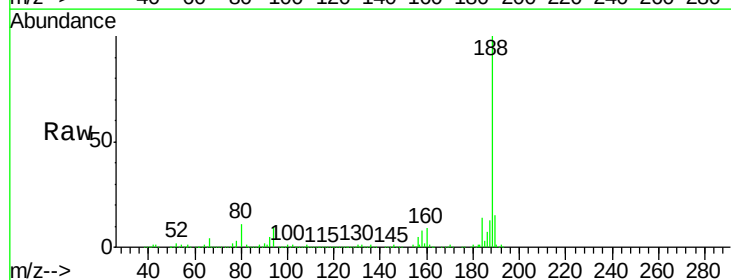


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

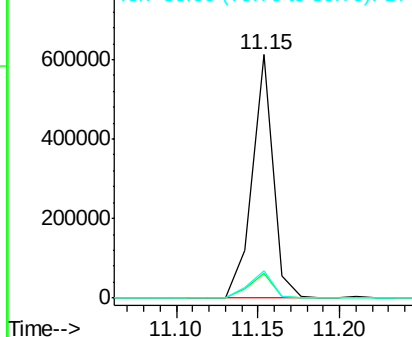
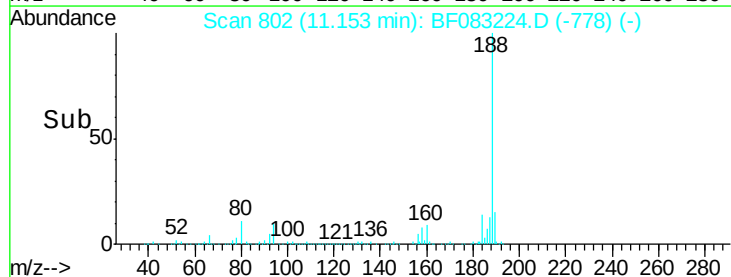


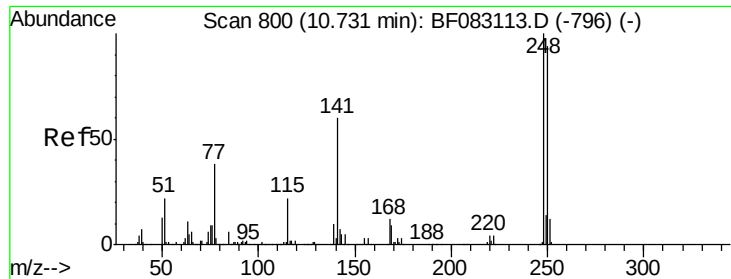
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.15 min Scan# 802
 Delta R.T. -0.02 min
 Lab File: BF083224.D
 Acq: 24 Nov 2015 1:03

Tgt Ion:188 Resp: 548257
 Ion Ratio Lower Upper
 188 100
 94 10.2 6.0 9.0#
 80 11.1 6.7 10.1#



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

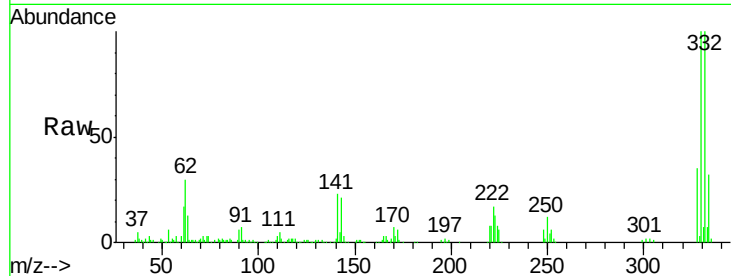




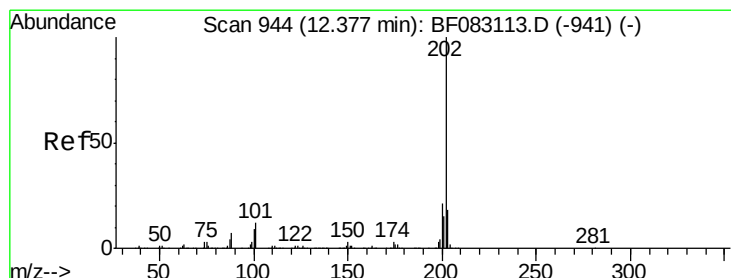
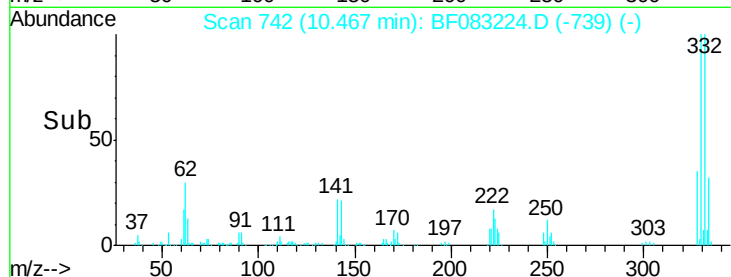
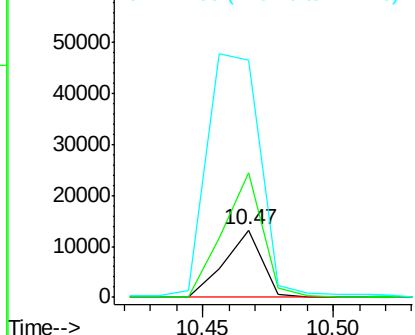
#66
 4-Bromophenyl-phenylether
 Concen: 2.20 ng
 RT: 10.47 min Scan# 742
 Delta R.T. -0.26 min
 Lab File: BF083224.D
 Acq: 24 Nov 2015 1:03

Instrument :
 BNA_F
 ClientSampleId :
 A18-COMP

Tgt Ion:248 Resp: 13365
 Ion Ratio Lower Upper
 248 100
 250 185.3 75.4 113.2#
 141 351.1 48.1 72.1#

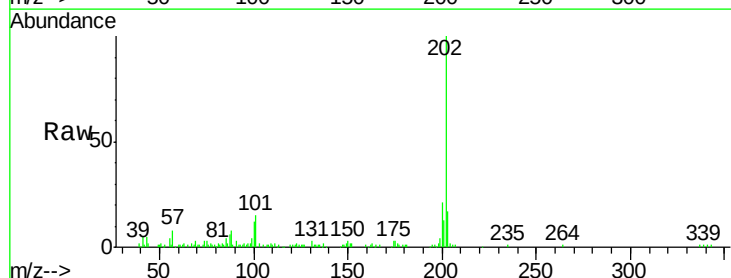


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

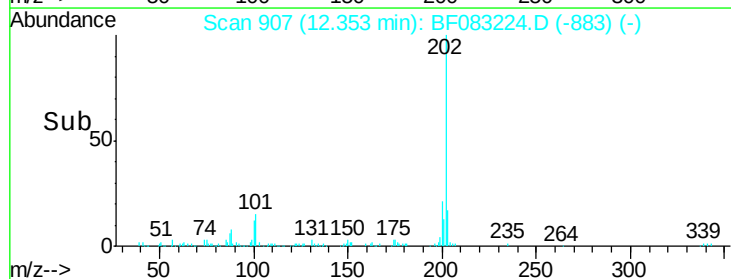
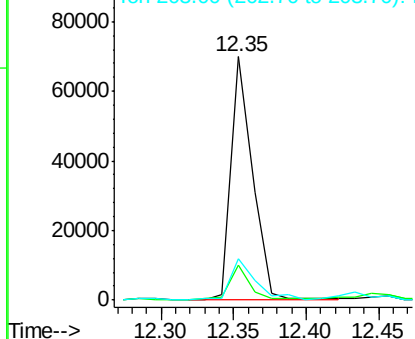


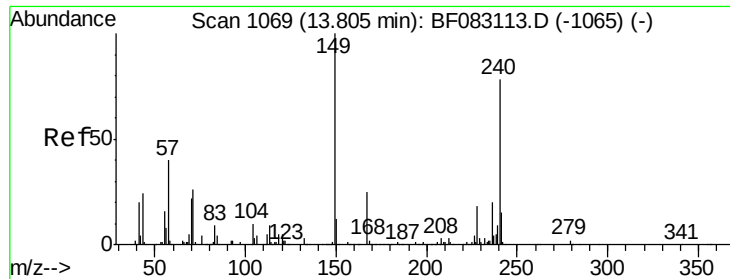
#74
 Fluoranthene
 Concen: 2.26 ng
 RT: 12.35 min Scan# 907
 Delta R.T. -0.02 min
 Lab File: BF083224.D
 Acq: 24 Nov 2015 1:03

Tgt Ion:202 Resp: 73104
 Ion Ratio Lower Upper
 202 100
 101 14.5 0.0 32.3
 203 17.0 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

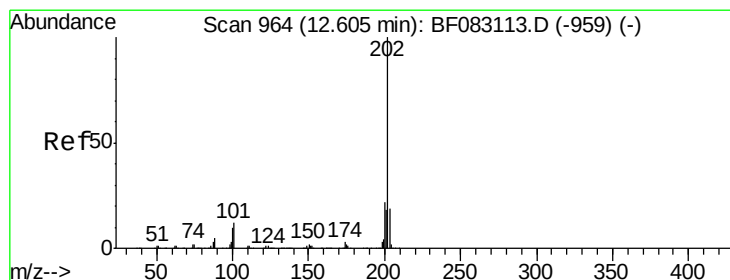
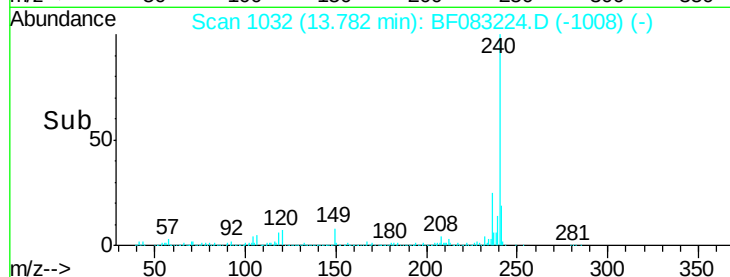
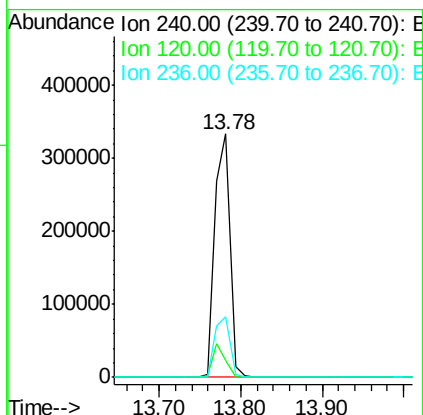
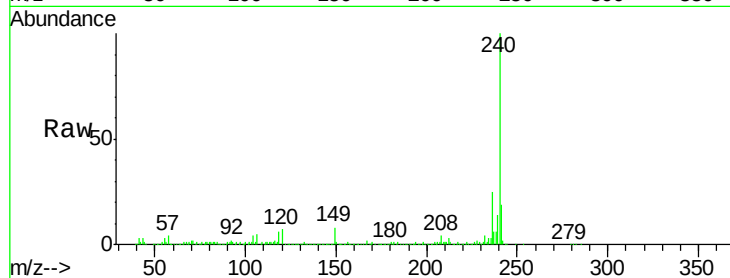




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.78 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF083224.D
Acq: 24 Nov 2015 1:03

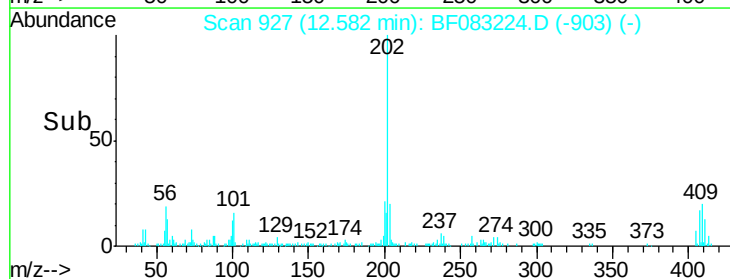
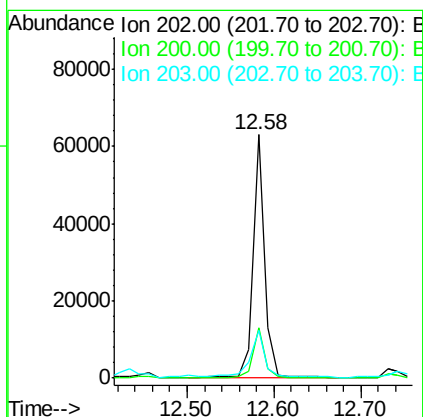
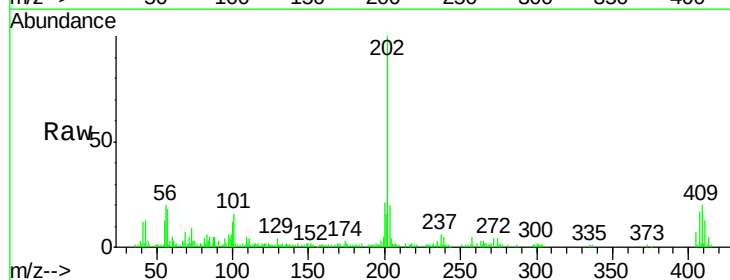
Instrument :
BNA_F
ClientSampleId :
A18-COMP

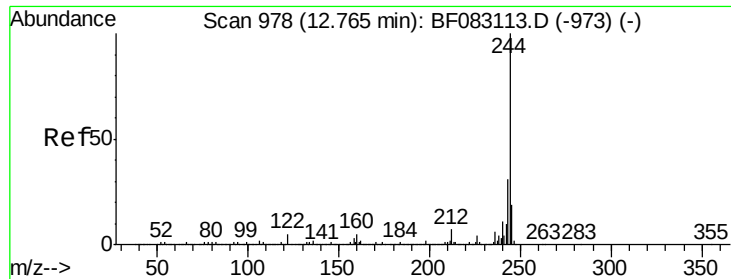
Tgt Ion:240 Resp: 430386
Ion Ratio Lower Upper
240 100
120 7.1 5.4 8.2
236 25.1 20.6 31.0



#77
Pyrene
Concen: 2.04 ng
RT: 12.58 min Scan# 927
Delta R.T. -0.02 min
Lab File: BF083224.D
Acq: 24 Nov 2015 1:03

Tgt Ion:202 Resp: 60059
Ion Ratio Lower Upper
202 100
200 20.8 17.8 26.6
203 19.8 15.0 22.4

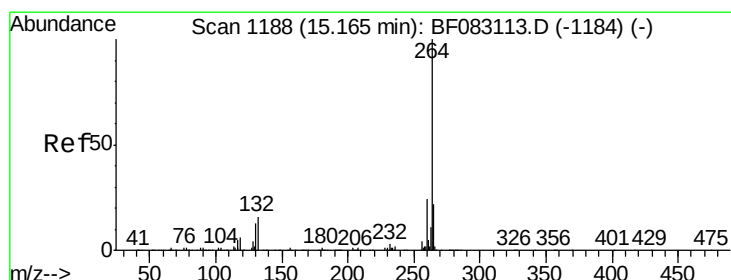
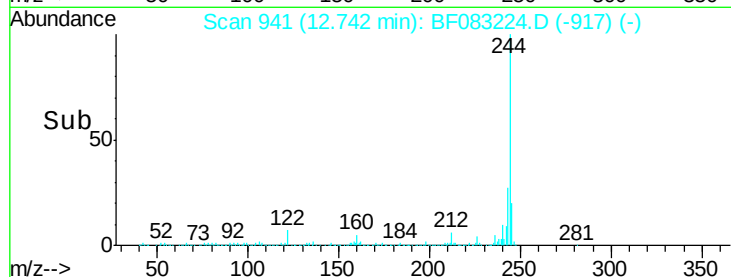
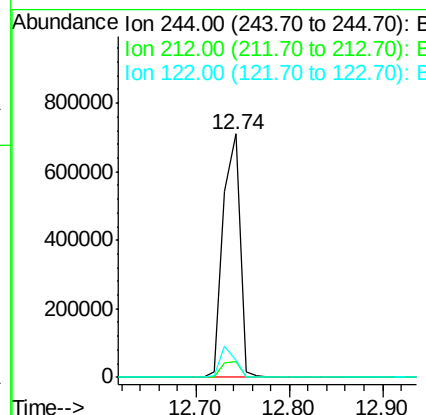
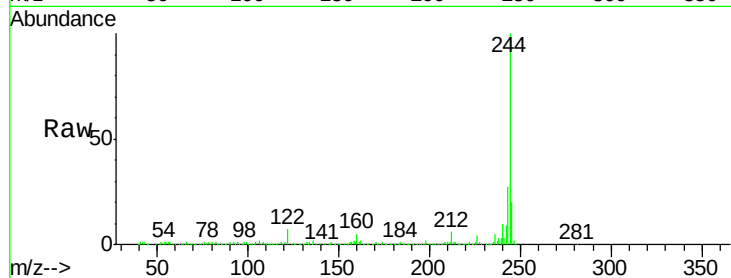




#78
 Terphenyl-d14
 Concen: 48.58 ng
 RT: 12.74 min Scan# 941
 Delta R.T. -0.02 min
 Lab File: BF083224.D
 Acq: 24 Nov 2015 1:03

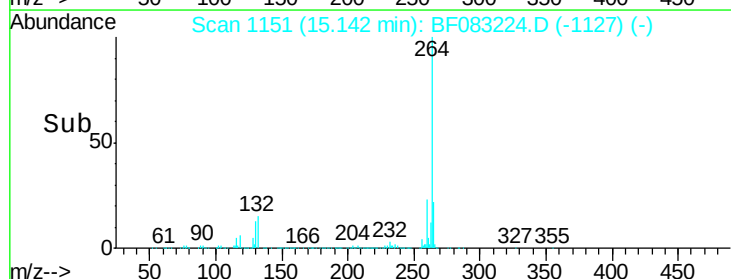
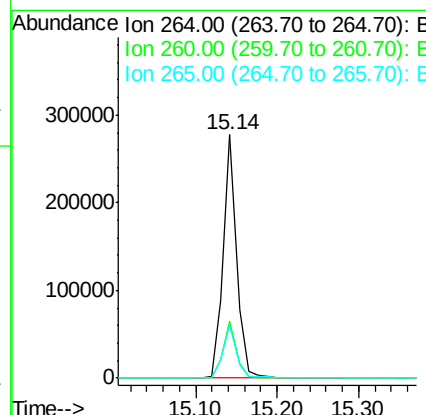
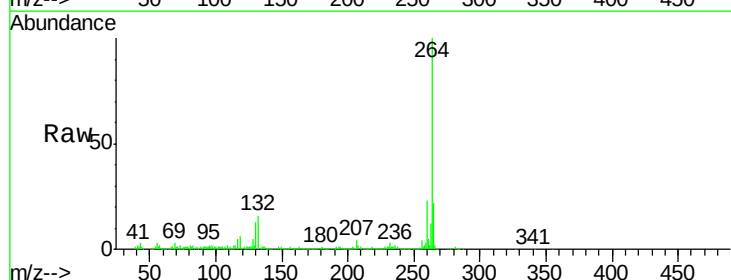
Instrument :
 BNA_F
 ClientSampleId :
 A18-COMP

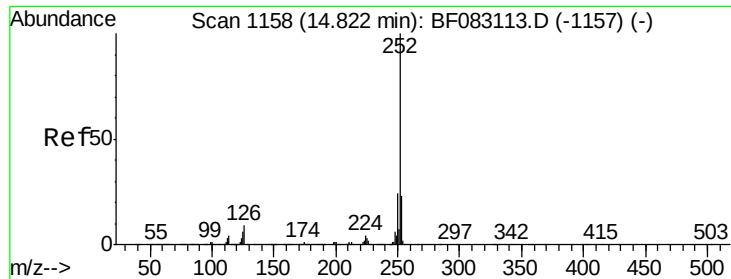
Tgt Ion: 244 Resp: 887791
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.2
 122 7.0 4.3 6.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1151
 Delta R.T. -0.02 min
 Lab File: BF083224.D
 Acq: 24 Nov 2015 1:03

Tgt Ion: 264 Resp: 317142
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.1 28.7
 265 21.8 18.2 27.4





#88

Benzo(k)fluoranthene

Concen: 2.64 ng

RT: 14.78 min Scan# 1119

Delta R.T. -0.05 min

Lab File: BF083224.D

Acq: 24 Nov 2015 1:03

Instrument :

BNA_F

ClientSampleId :

A18-COMP

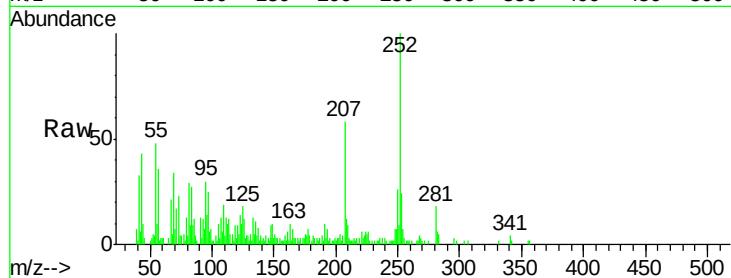
Tgt Ion: 252 Resp: 42625

Ion Ratio Lower Upper

252 100

253 24.0 18.2 27.2

125 18.5 6.8 10.2#



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

