

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120715\
 Data File : BF083587.D
 Acq On : 8 Dec 2015 7:44
 Operator : UM/IZ
 Sample : G4584-09DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-15(8-15)DL

Quant Time: Dec 08 09:59:34 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 05 04:12:46 2015
 Response via : Initial Calibration

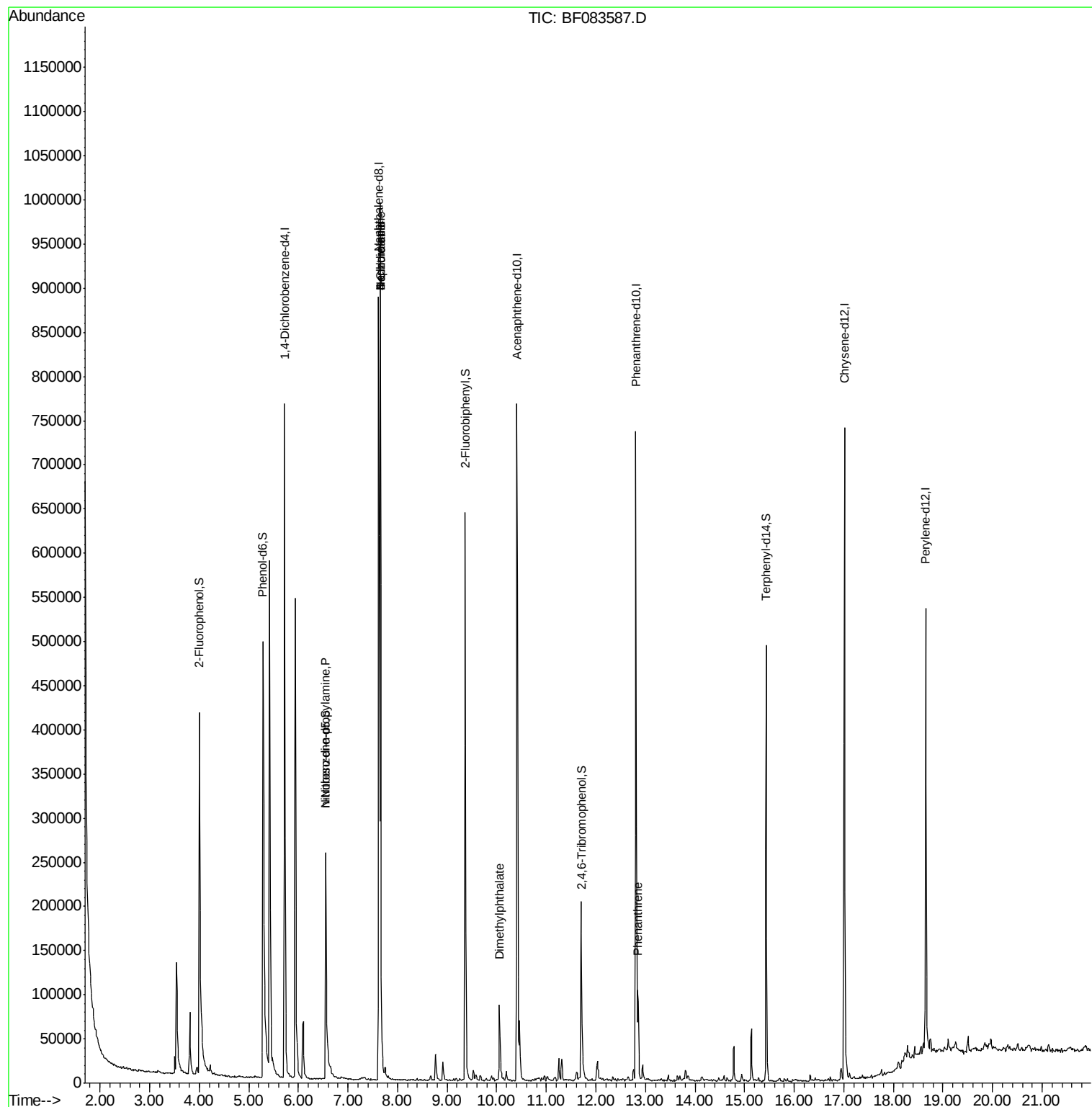
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.72	152	156020	20.00	ng	-0.05
21) Naphthalene-d8	7.62	136	562169	20.00	ng	-0.06
38) Acenaphthene-d10	10.41	164	239236	20.00	ng	-0.06
63) Phenanthrene-d10	12.81	188	378101	20.00	ng	-0.05
75) Chrysene-d12	17.01	240	358440	20.00	ng	-0.03
86) Perylene-d12	18.65	264	265632	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.00	112	263739	25.65	ng	-0.03
7) Phenol-d6	5.29	99	346643	24.46	ng	-0.03
23) Nitrobenzene-d5	6.54	82	212683	17.68	ng	-0.06
41) 2,4,6-Tribromophenol	11.71	330	43342	19.64	ng	-0.05
44) 2-Fluorobiphenyl	9.37	172	309327	17.54	ng	-0.06
78) Terphenyl-d14	15.44	244	232932	14.46	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.54	70	25247	2.67	ng	# 81
31) Naphthalene	7.65	128	646433	21.60	ng	98
32) Benzoic acid	7.65	122	1538	2.94	ng	# 1
33) 4-Chloroaniline	7.65	127	79363	6.78	ng	# 26
49) Dimethylphthalate	10.05	163	59735	3.17	ng	97
70) Phenanthrene	12.85	178	69280	3.15	ng	98

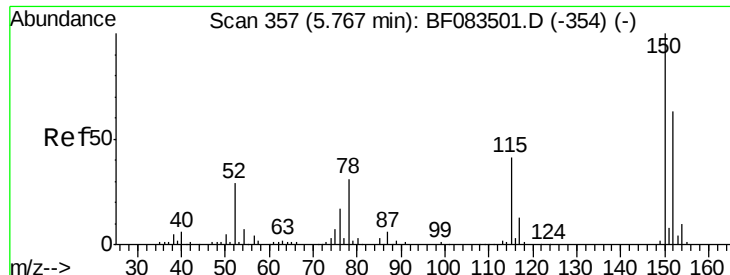
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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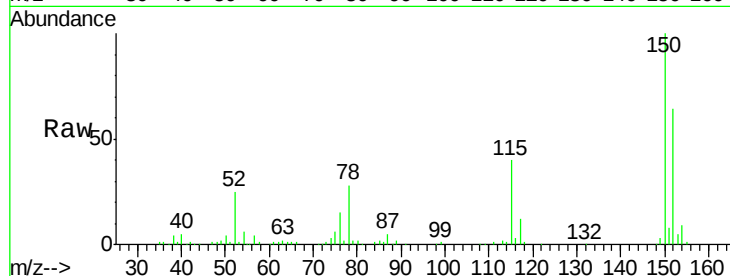




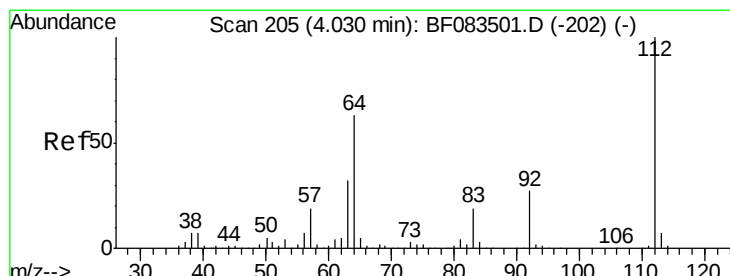
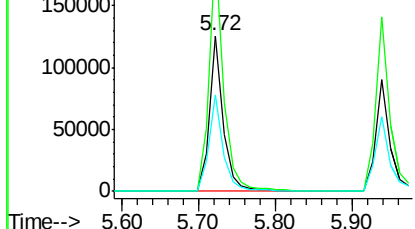
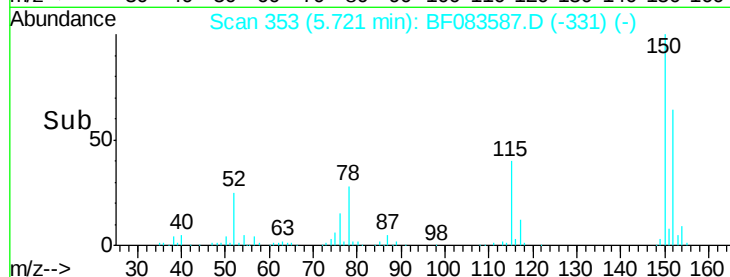
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.72 min Scan# 353
 Delta R.T. -0.05 min
 Lab File: BF083587.D
 Acq: 8 Dec 2015 7:44

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-15(8-15)DL

Tot Ion:152 Resp: 156020
 Ion Ratio Lower Upper
 152 100
 150 156.3 126.5 189.7
 115 62.3 52.3 78.5

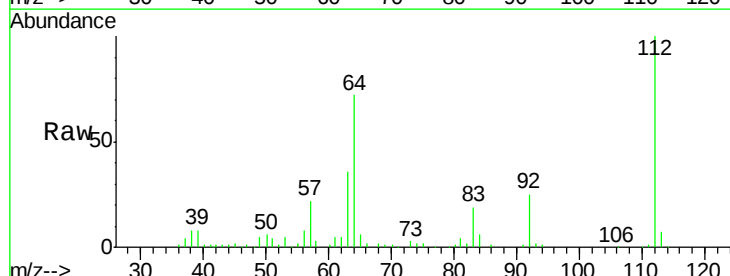


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

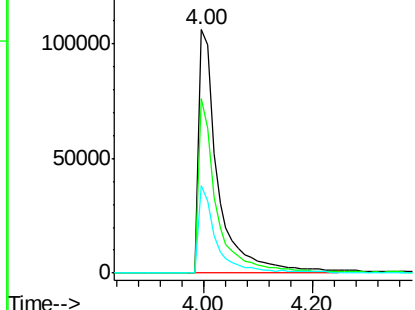
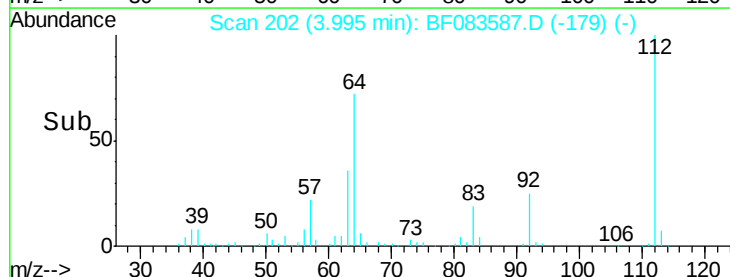


#5
 2-Fluorophenol
 Concen: 25.65 ng
 RT: 4.00 min Scan# 202
 Delta R.T. -0.03 min
 Lab File: BF083587.D
 Acq: 8 Dec 2015 7:44

Tgt Ion:112 Resp: 263739
 Ion Ratio Lower Upper
 112 100
 64 71.9 50.5 75.7
 63 35.9 25.8 38.6



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: 24.46 ng

RT: 5.29 min Scan# 315

Delta R.T. -0.03 min

Lab File: BF083587.D

Acq: 8 Dec 2015 7:44

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-15(8-15)DL

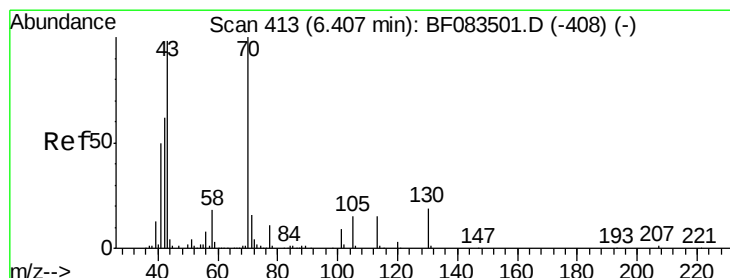
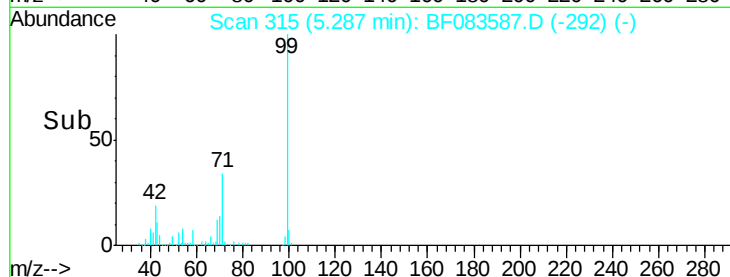
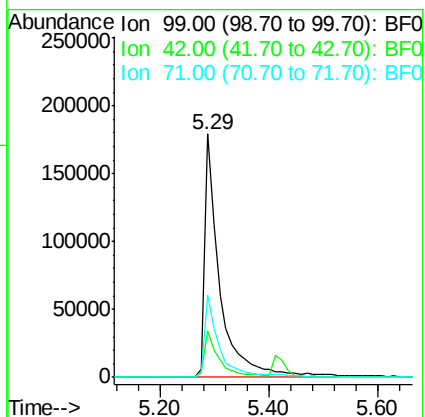
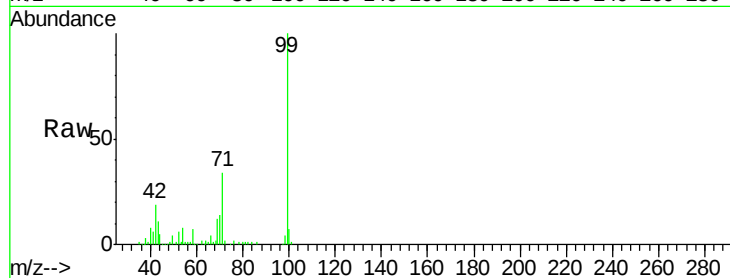
Tot Ion: 99 Resp: 346643

Ion Ratio Lower Upper

99 100

42 19.1 17.3 25.9

71 33.7 26.6 40.0



#19

n-Nitroso-di-n-propylamine

Concen: 2.67 ng

RT: 6.54 min Scan# 425

Delta R.T. 0.14 min

Lab File: BF083587.D

Acq: 8 Dec 2015 7:44

Tgt Ion: 70 Resp: 25247

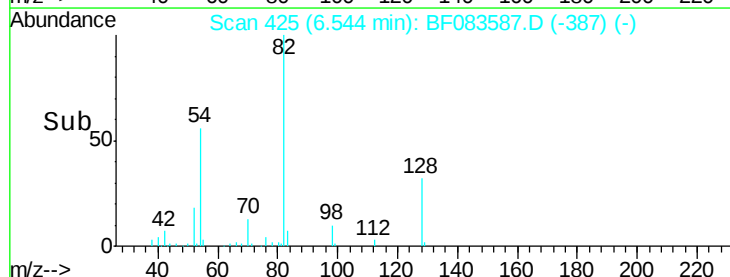
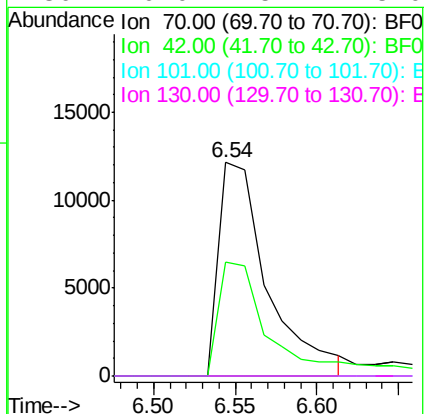
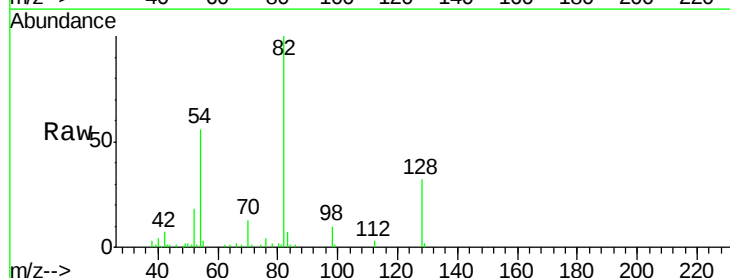
Ion Ratio Lower Upper

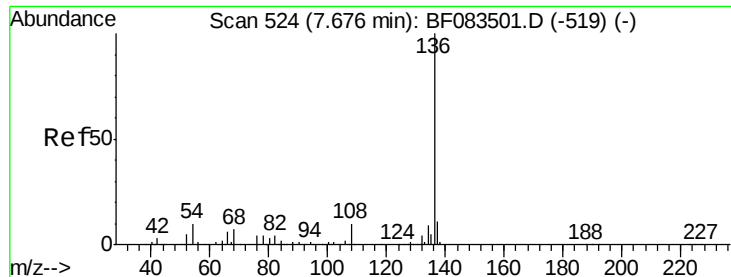
70 100

42 53.5 49.2 73.8

101 0.0 7.1 10.7#

130 0.0 15.4 23.0#

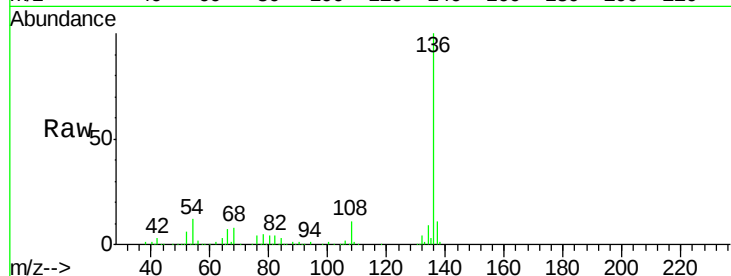




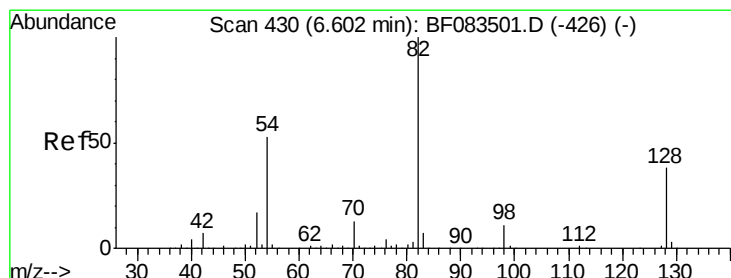
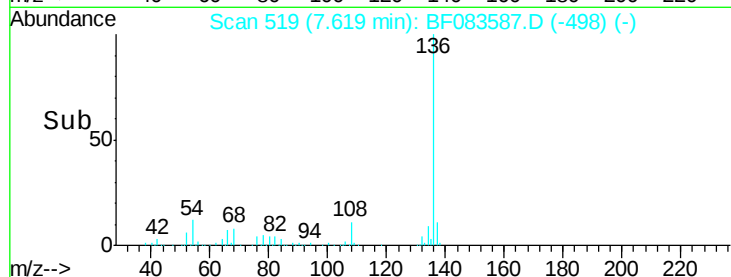
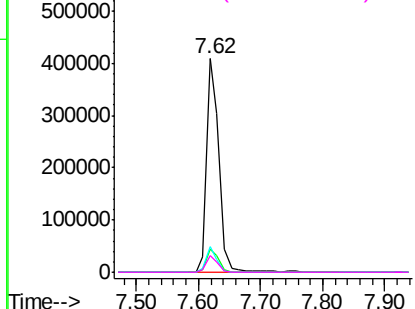
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.62 min Scan# 519
Delta R.T. -0.06 min
Lab File: BF083587.D
Acq: 8 Dec 2015 7:44

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-15(8-15)DL

Tot Ion:136	Resp:	562169
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.7 13.1
54	11.9	7.8 11.6#
68	8.0	5.7 8.5

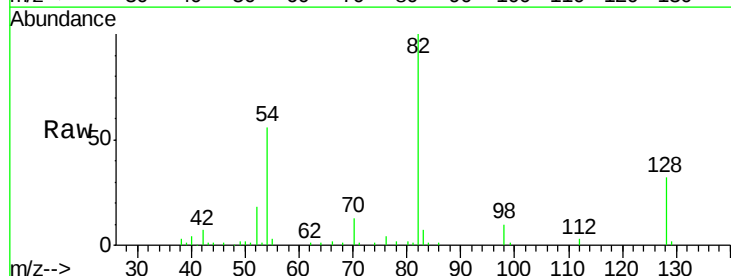


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

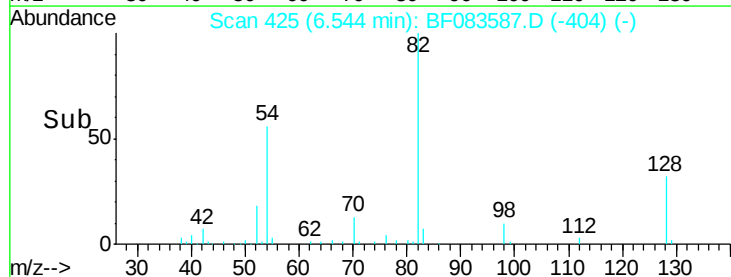
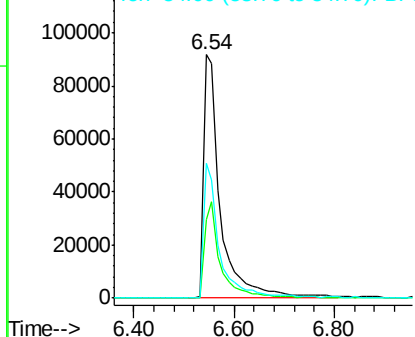


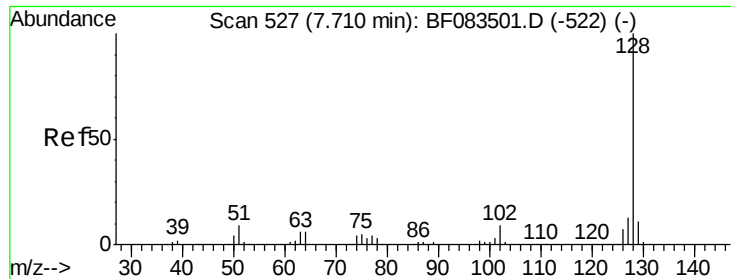
#23
Nitrobenzene-d5
Concen: 17.68 ng
RT: 6.54 min Scan# 425
Delta R.T. -0.06 min
Lab File: BF083587.D
Acq: 8 Dec 2015 7:44

Tgt Ion: 82	Resp:	212683
Ion Ratio	Lower	Upper
82	100	
128	32.5	30.7 46.1
54	55.6	42.5 63.7



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

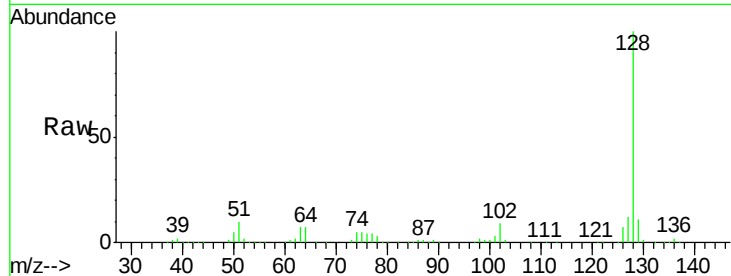




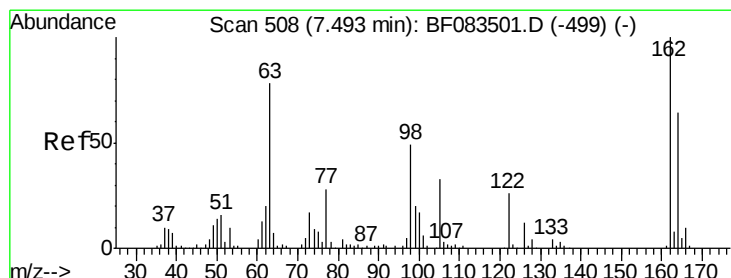
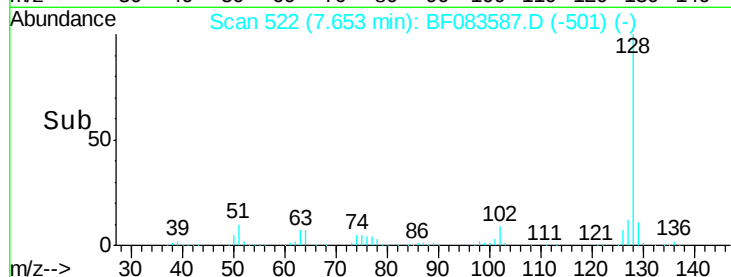
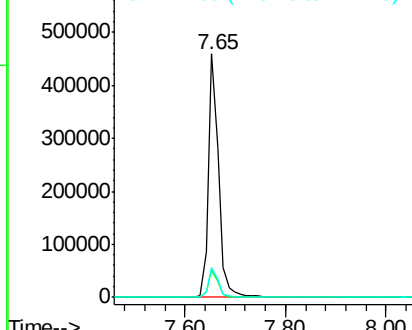
#31
Naphthalene
Concen: 21.60 ng
RT: 7.65 min Scan# 522
Delta R.T. -0.06 min
Lab File: BF083587.D
Acq: 8 Dec 2015 7:44

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-15(8-15)DL

Tot Ion:128 Resp: 646433
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 12.3 10.6 16.0

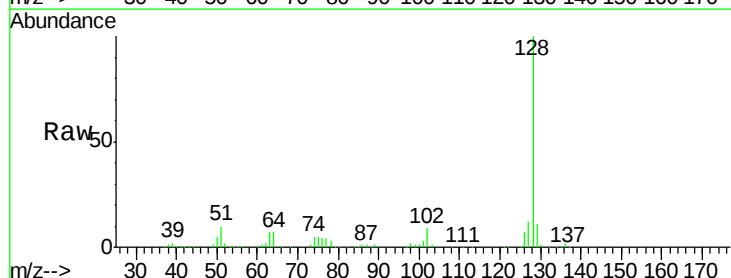


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

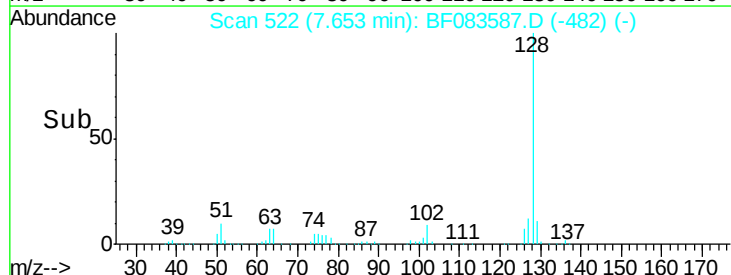
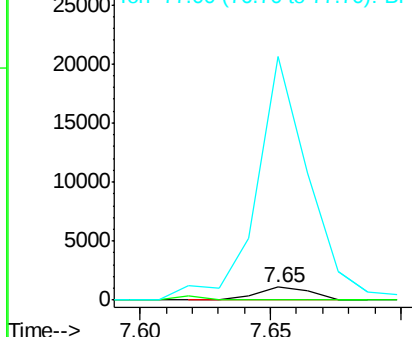


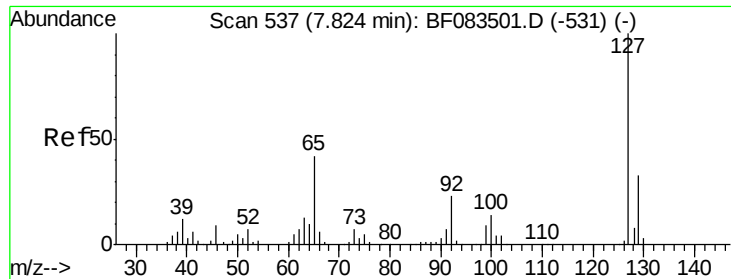
#32
Benzoic acid
Concen: 2.94 ng
RT: 7.65 min Scan# 522
Delta R.T. 0.16 min
Lab File: BF083587.D
Acq: 8 Dec 2015 7:44

Tgt Ion:122 Resp: 1538
Ion Ratio Lower Upper
122 100
105 0.0 105.6 145.6#
77 1894.9 86.8 126.8#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

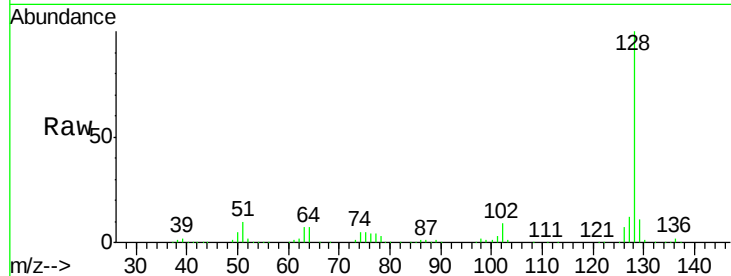




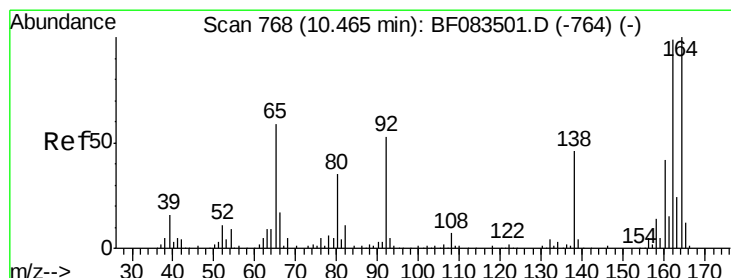
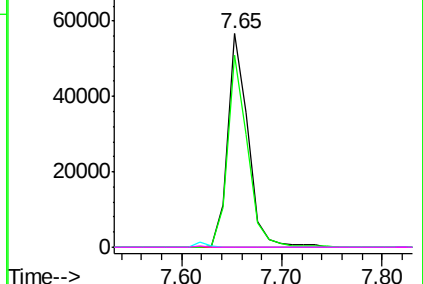
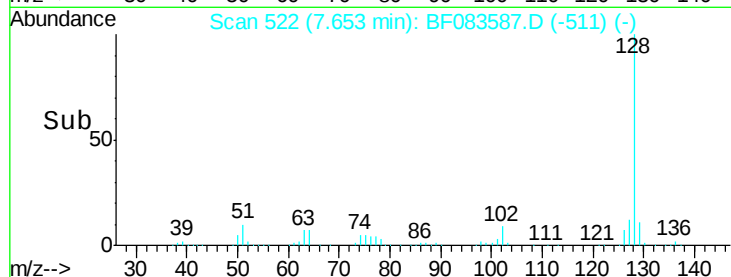
#33
4-Chloroaniline
Concen: 6.78 ng
RT: 7.65 min Scan# 522
Delta R.T. -0.17 min
Lab File: BF083587.D
Acq: 8 Dec 2015 7:44

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-15(8-15)DL

Tot Ion:	127	Resp:	79363
Ion Ratio	Lower	Upper	
127	100		
129	89.9	26.1	39.1#
65	0.0	33.5	50.3#
92	0.0	18.6	28.0#

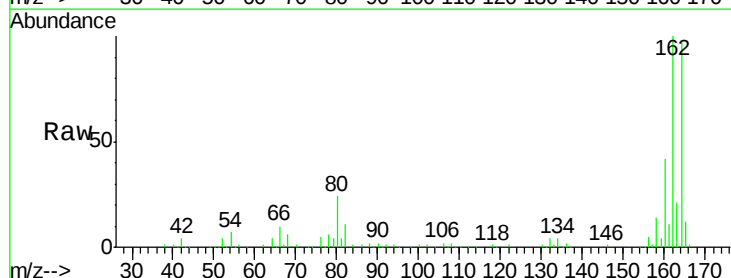


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

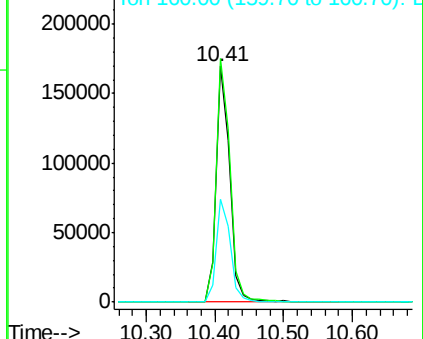
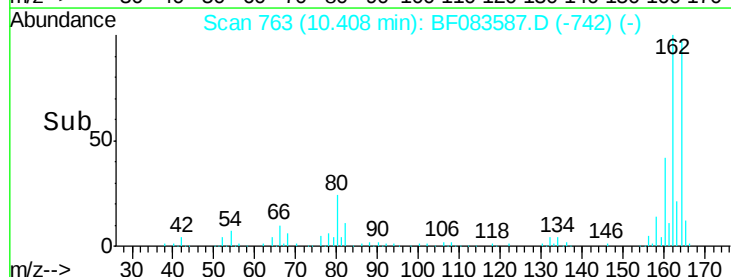


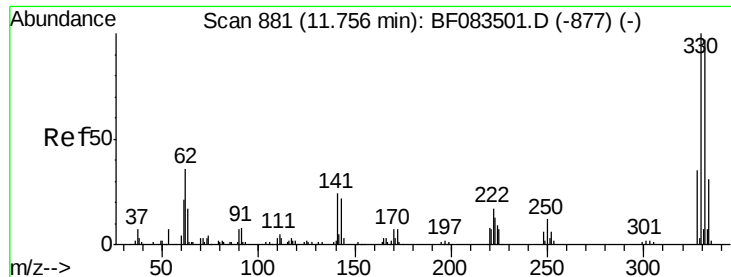
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.41 min Scan# 763
Delta R.T. -0.06 min
Lab File: BF083587.D
Acq: 8 Dec 2015 7:44

Tgt Ion:	164	Resp:	239236
Ion Ratio	Lower	Upper	
164	100		
162	103.3	78.8	118.2
160	43.8	33.4	50.2



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

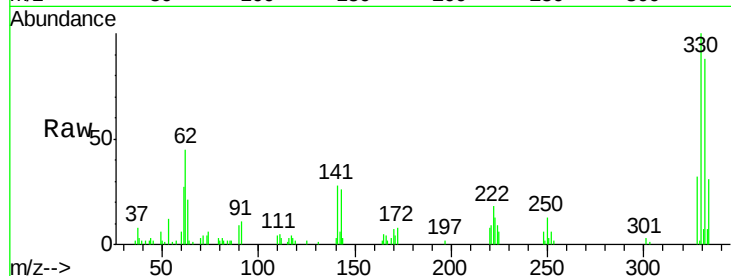




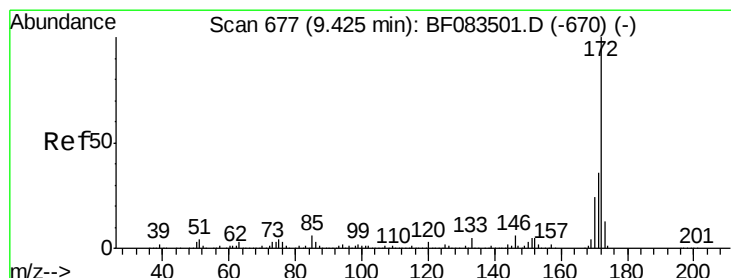
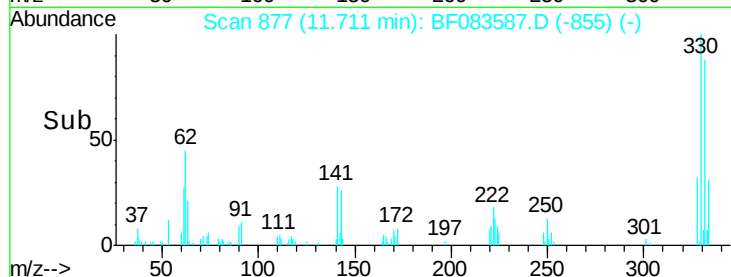
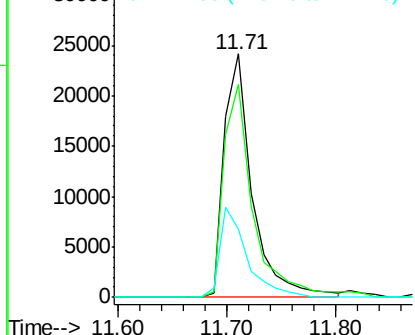
#41
 2,4,6-Tribromophenol
 Concen: 19.64 ng
 RT: 11.71 min Scan# 877
 Delta R.T. -0.05 min
 Lab File: BF083587.D
 Acq: 8 Dec 2015 7:44

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-15(8-15)DL

Tot Ion:330 Resp: 43342
 Ion Ratio Lower Upper
 330 100
 332 92.5 0.0 0.0#
 141 35.7 0.0 0.0#

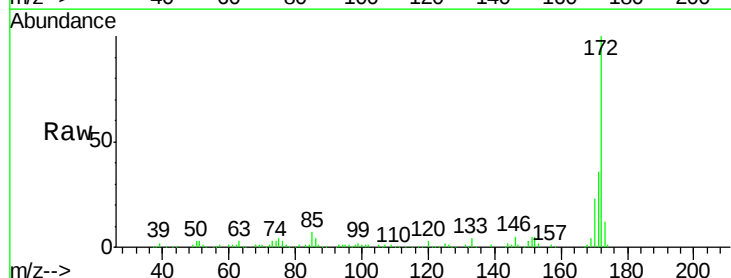


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

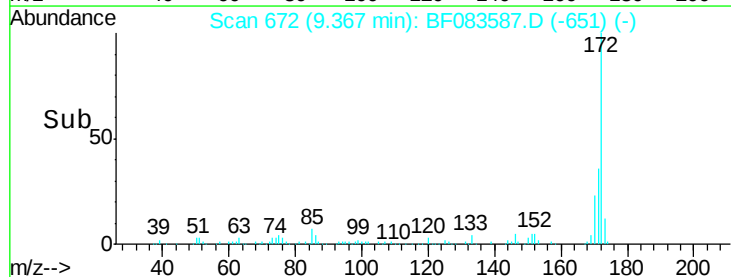
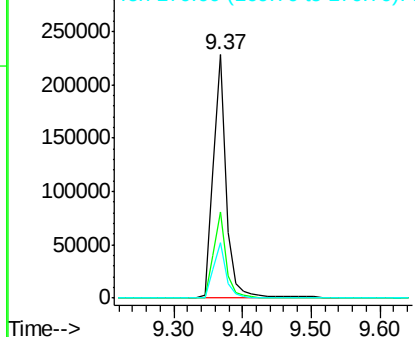


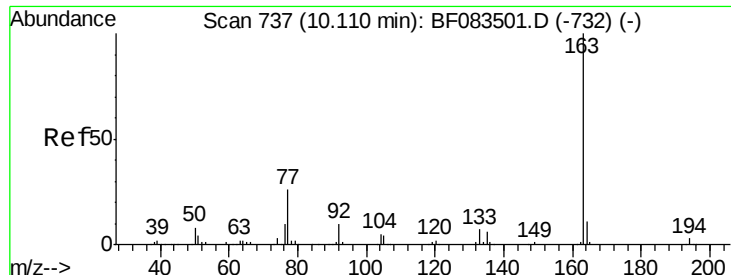
#44
 2-Fluorobiphenyl
 Concen: 17.54 ng
 RT: 9.37 min Scan# 672
 Delta R.T. -0.06 min
 Lab File: BF083587.D
 Acq: 8 Dec 2015 7:44

Tgt Ion:172 Resp: 309327
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.6 42.8
 170 22.7 19.4 29.0



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





#49

Dimethylphthalate

Concen: 3.17 ng

RT: 10.05 min Scan# 732

Delta R.T. -0.06 min

Lab File: BF083587.D

Acq: 8 Dec 2015 7:44

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-15(8-15)DL

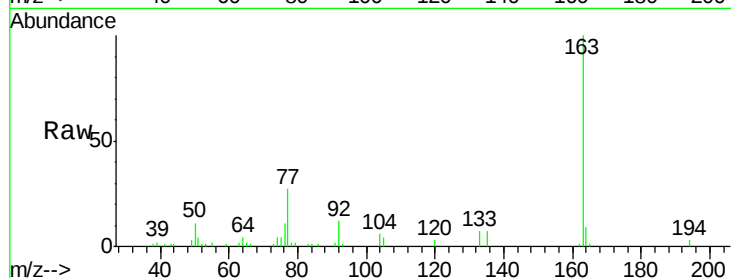
Tot Ion:163 Resp: 59735

Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

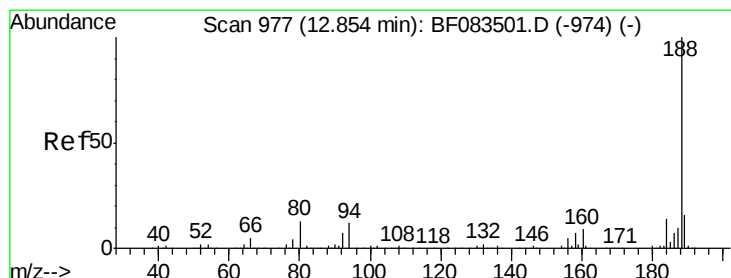
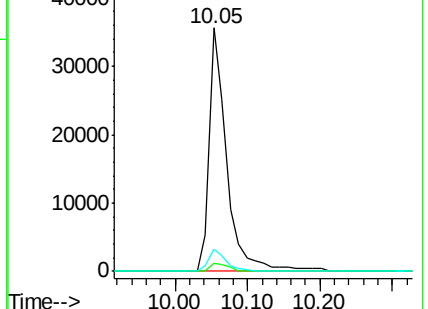
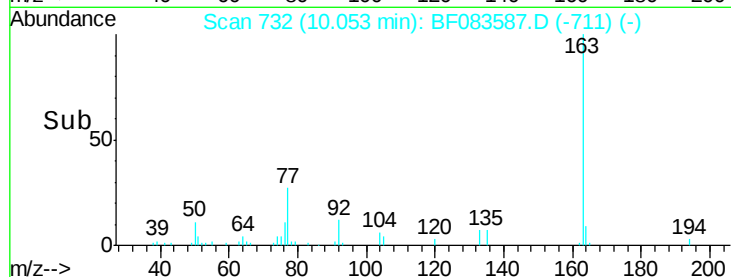
164 9.1 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.81 min Scan# 973

Delta R.T. -0.05 min

Lab File: BF083587.D

Acq: 8 Dec 2015 7:44

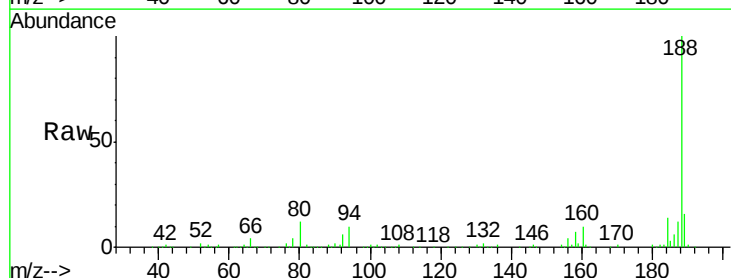
Tgt Ion:188 Resp: 378101

Ion Ratio Lower Upper

188 100

94 10.4 9.4 14.2

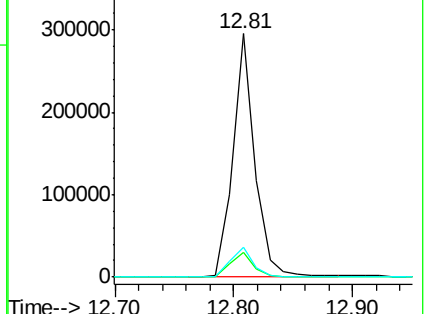
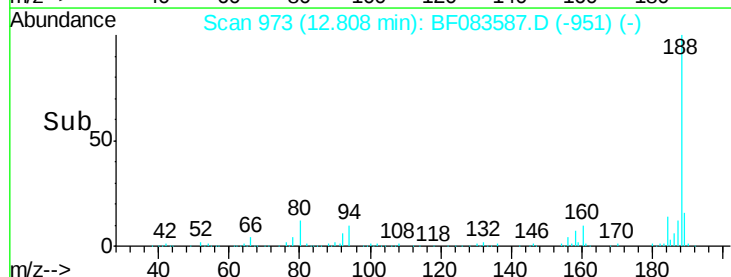
80 12.3 10.6 16.0

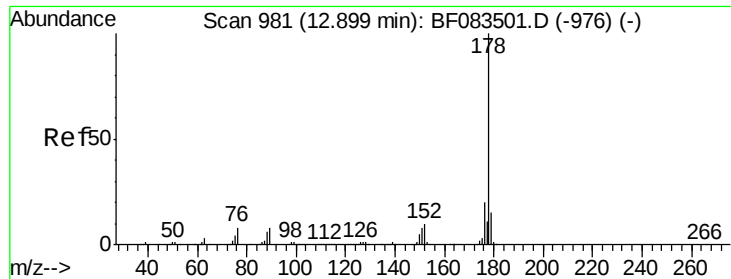


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 3.15 ng

RT: 12.85 min Scan# 977

Delta R.T. -0.05 min

Lab File: BF083587.D

Acq: 8 Dec 2015 7:44

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-15(8-15)DL

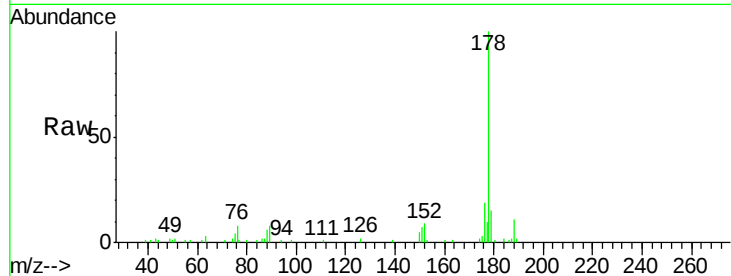
Tot Ion:178 Resp: 69280

Ion Ratio Lower Upper

178 100

176 18.8 15.7 23.5

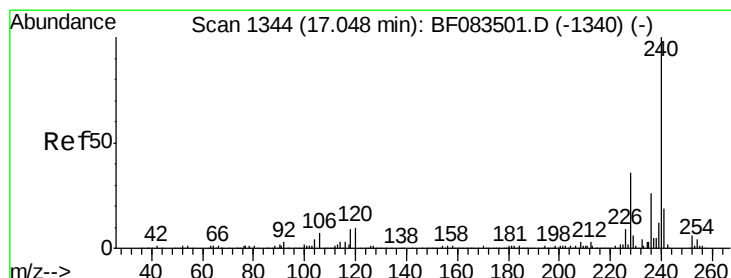
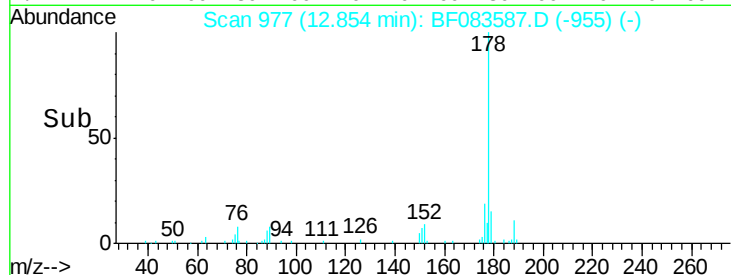
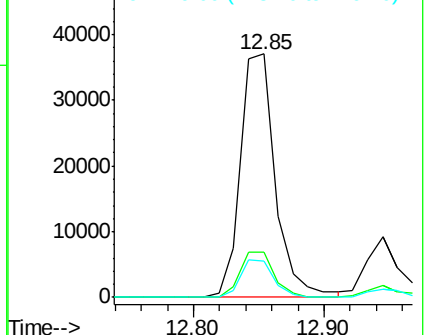
179 14.7 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 17.01 min Scan# 1341

Delta R.T. -0.03 min

Lab File: BF083587.D

Acq: 8 Dec 2015 7:44

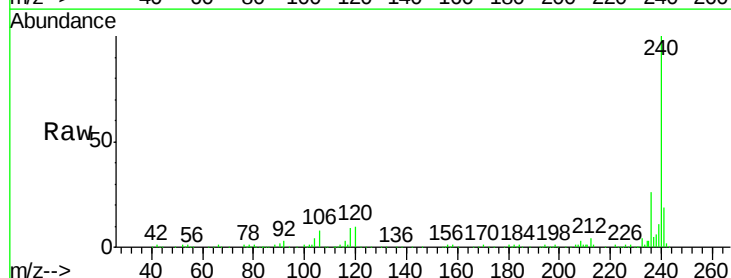
Tgt Ion:240 Resp: 358440

Ion Ratio Lower Upper

240 100

120 10.3 8.1 12.1

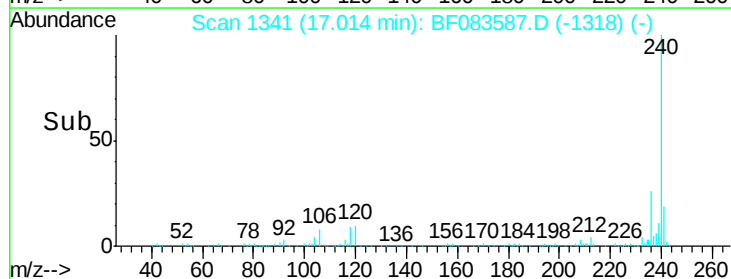
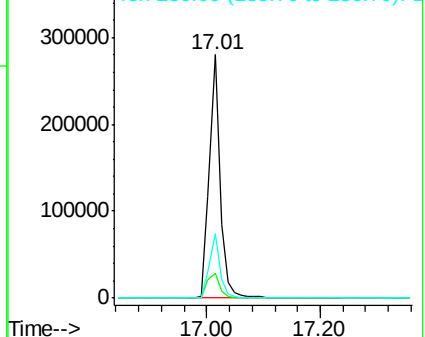
236 26.2 20.8 31.2

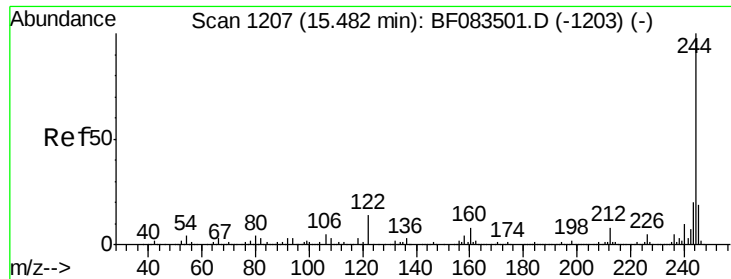


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 14.46 ng

RT: 15.44 min Scan# 1203

Delta R.T. -0.05 min

Lab File: BF083587.D

Acq: 8 Dec 2015 7:44

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-15(8-15)DL

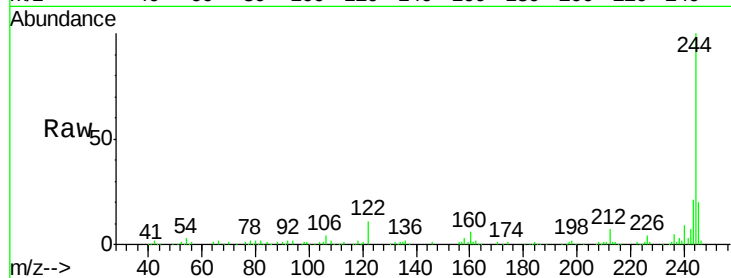
Tot Ion:244 Resp: 232932

Ion Ratio Lower Upper

244 100

212 6.7 6.1 9.1

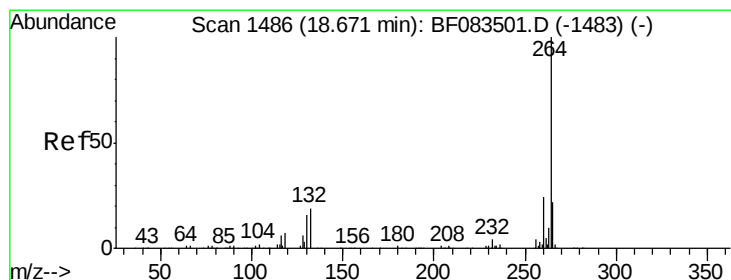
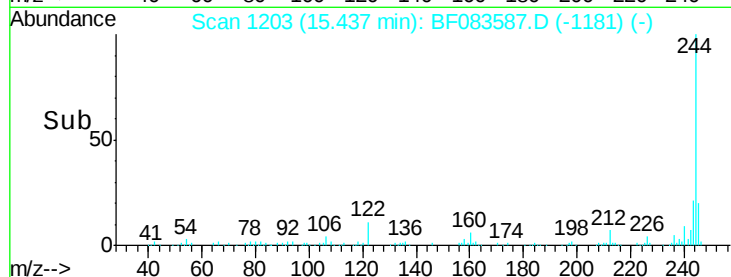
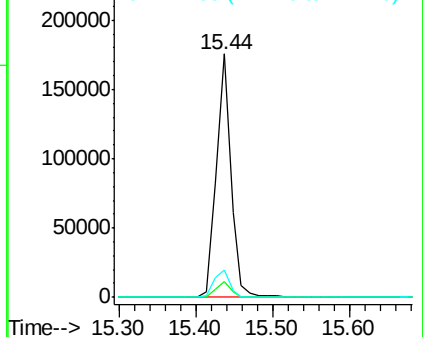
122 11.0 11.0 16.6#



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: 18.65 min Scan# 1484

Delta R.T. -0.02 min

Lab File: BF083587.D

Acq: 8 Dec 2015 7:44

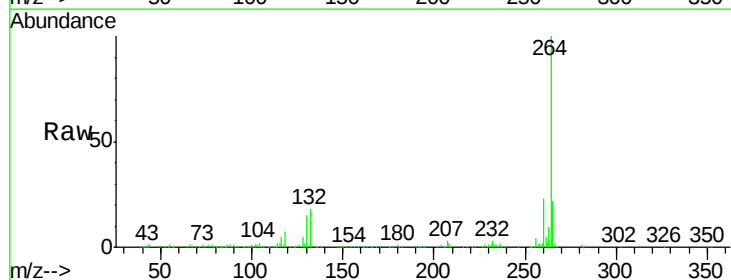
Tgt Ion:264 Resp: 265632

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.0

265 21.5 17.8 26.6



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

