

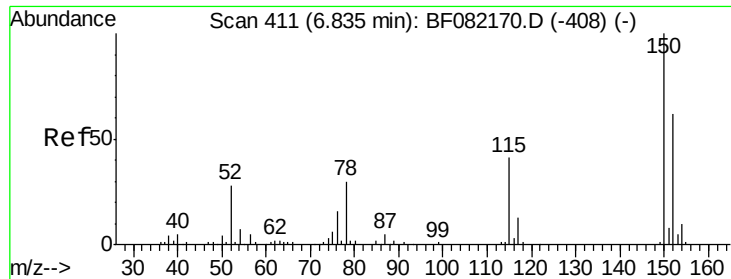
Data Path : Z:\HPCHEM1\BNA F\Data\BF102115\
 Data File : BF082433.D
 Acq On : 22 Oct 2015 6:03
 Operator : UM/IZ
 Sample : G4116-17
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-01(0-2)

Quant Time: Oct 22 13:10:29 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 13:20:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	97473	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	380290	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	171700	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	278023	20.00	ng	0.00
75) Chrysene-d12	13.99	240	253043	20.00	ng	-0.02
86) Perylene-d12	15.51	264	232182	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	643511	133.24	ng	0.01
7) Phenol-d6	6.42	99	852894	135.70	ng	0.00
23) Nitrobenzene-d5	7.34	82	501299	88.52	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	129059	80.15	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	947684	91.53	ng	0.00
78) Terphenyl-d14	12.89	244	563809	59.04	ng	-0.01
Target Compounds						Qvalue
15) Benzyl Alcohol	6.93	79	9143	2.11	ng	# 50
19) n-Nitroso-di-n-propylamine	7.34	70	64041	14.51	ng	# 80
25) Isophorone	7.34	82	476230	41.67	ng	# 66
49) Dimethylphthalate	9.53	163	170136	14.07	ng	100
56) 2,4-Dinitrotoluene	9.82	165	21602	6.77	ng	# 22
66) 4-Bromophenyl-phenylether	10.61	248	10129	3.64	ng	# 1

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF082433.D

Acq: 22 Oct 2015 6:03

Instrument :

BNA_F

ClientSampleId :

AB-AC-01(0-2)

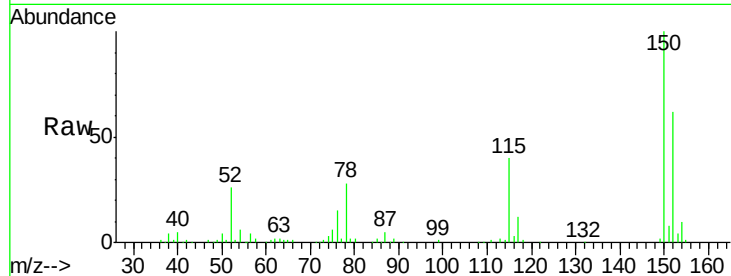
Tot Ion:152 Resp: 97473

Ion Ratio Lower Upper

152 100

150 160.0 129.0 193.4

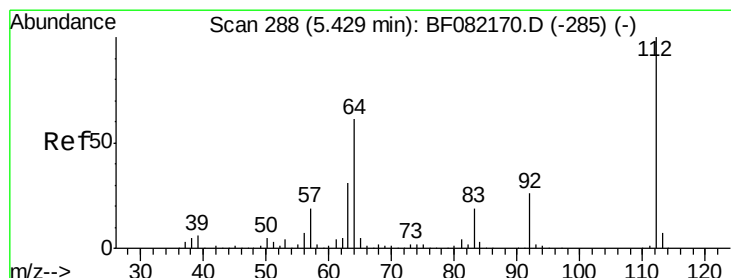
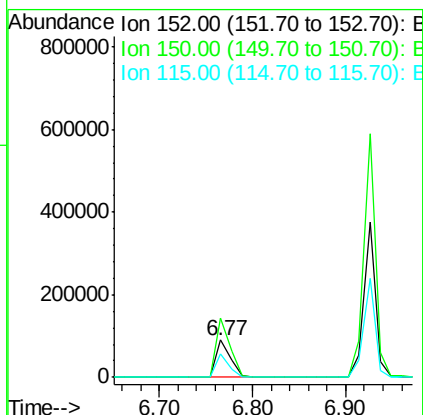
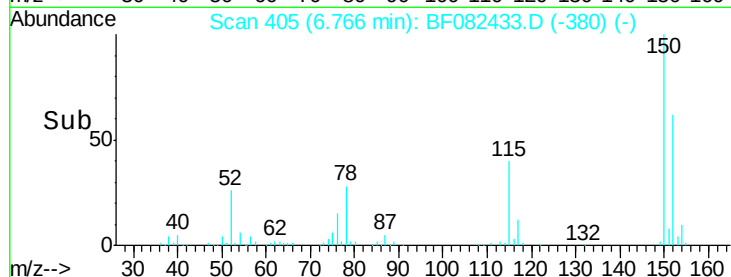
115 64.1 52.1 78.1



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: 133.24 ng

RT: 5.37 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF082433.D

Acq: 22 Oct 2015 6:03

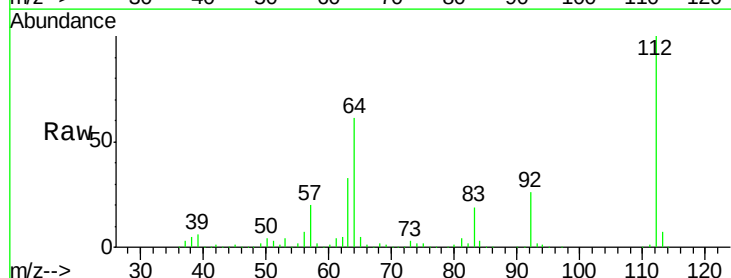
Tgt Ion:112 Resp: 643511

Ion Ratio Lower Upper

112 100

64 61.0 48.6 73.0

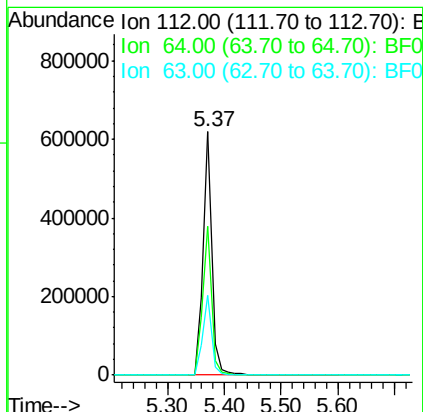
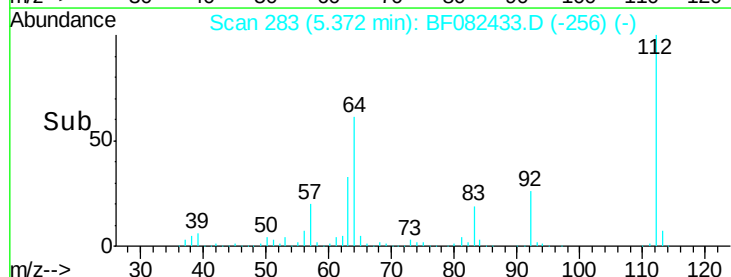
63 32.6 25.1 37.7

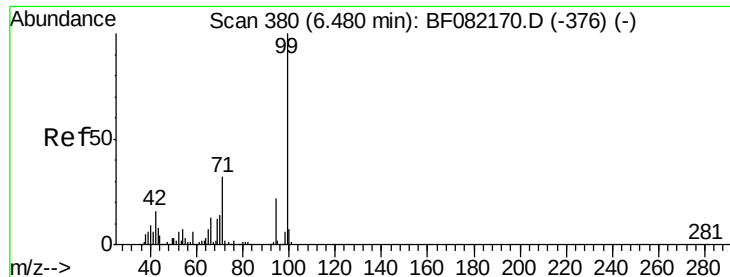


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 135.70 ng

RT: 6.42 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF082433.D

Acq: 22 Oct 2015 6:03

Instrument :

BNA_F

ClientSampleId :

AB-AC-01(0-2)

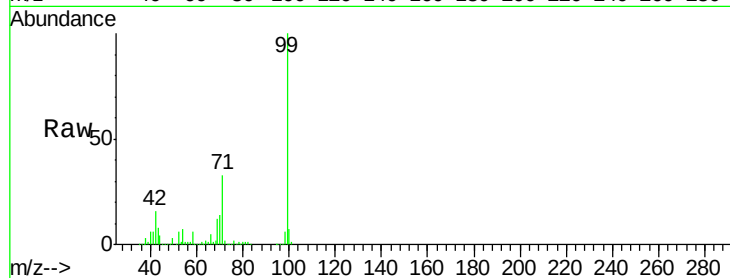
Tot Ion: 99 Resp: 852894

Ion Ratio Lower Upper

99 100

42 16.0 13.2 19.8

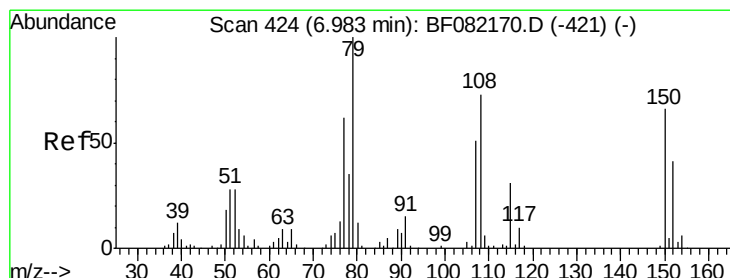
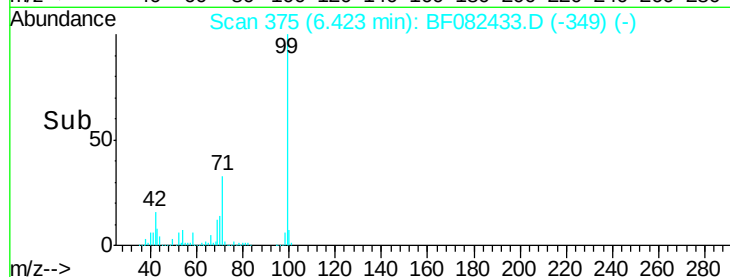
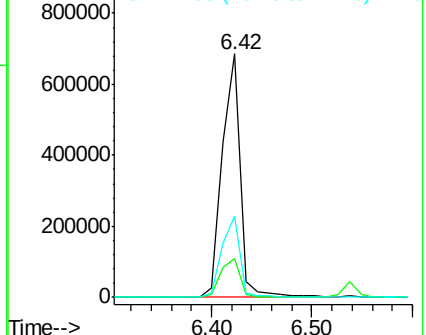
71 33.2 25.6 38.4



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



#15

Benzyl Alcohol

Concen: 2.11 ng

RT: 6.93 min Scan# 419

Delta R.T. -0.00 min

Lab File: BF082433.D

Acq: 22 Oct 2015 6:03

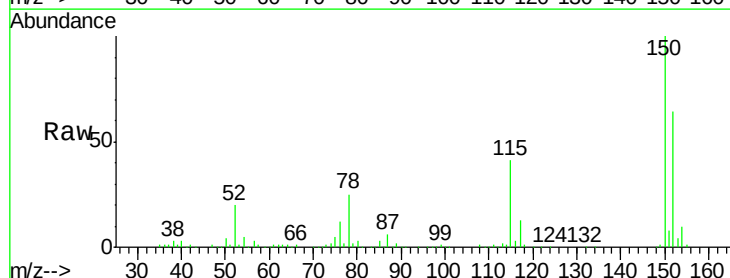
Tgt Ion: 79 Resp: 9143

Ion Ratio Lower Upper

79 100

108 31.8 58.4 87.6#

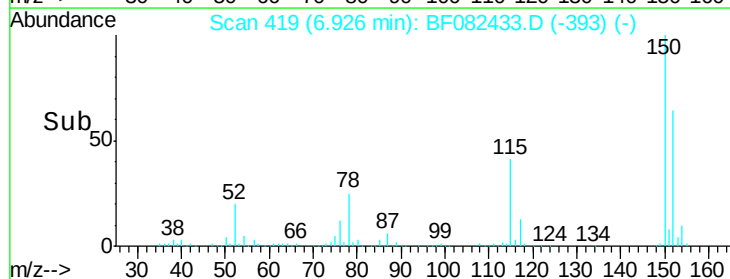
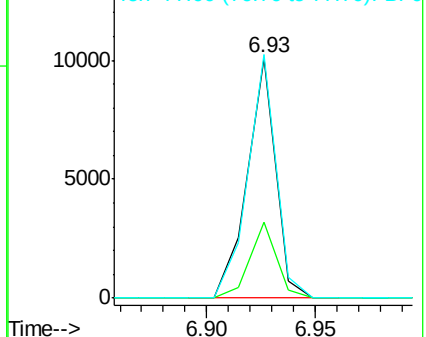
77 101.5 49.8 74.6#

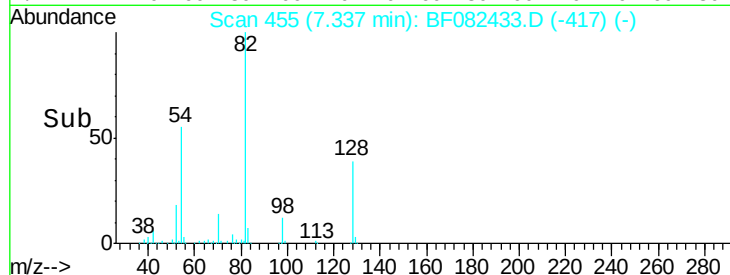
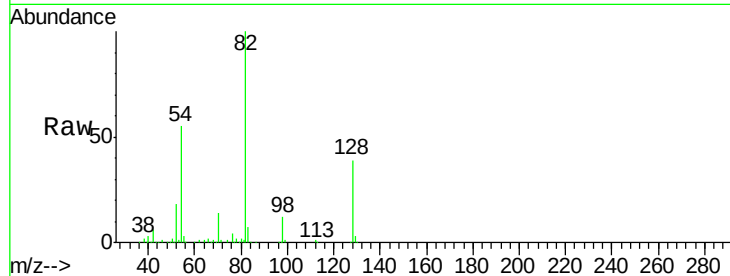
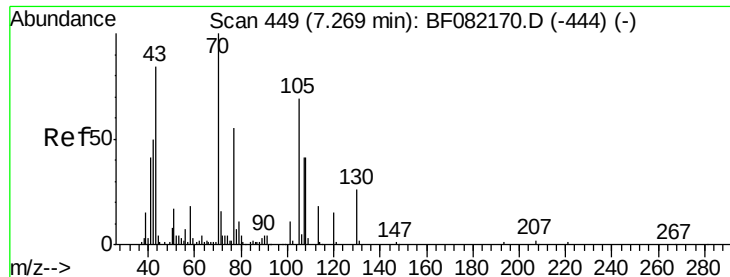


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

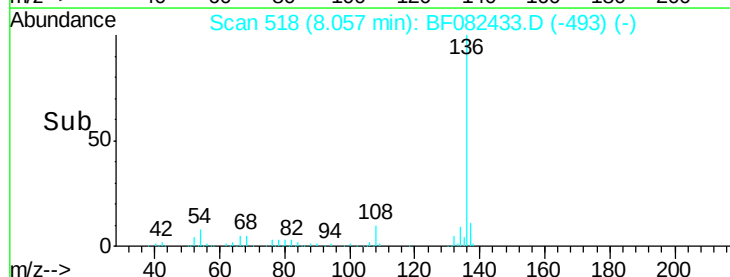
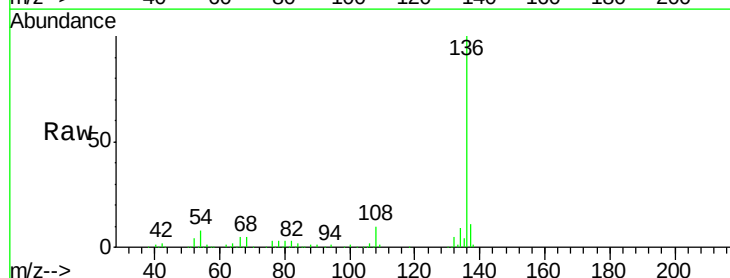
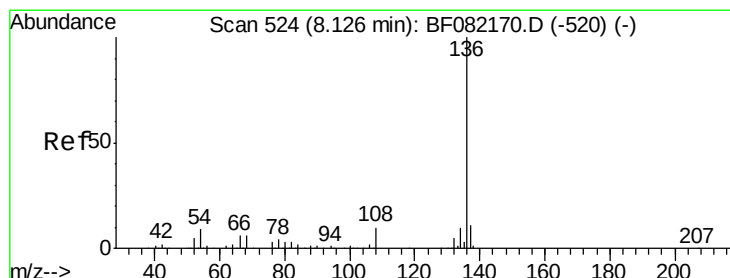
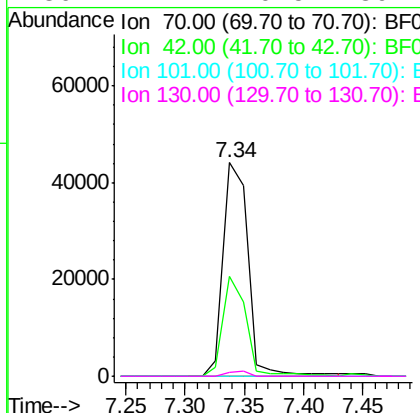




#19
n-Nitroso-di-n-propylamine
Concen: 14.51 ng
RT: 7.34 min Scan# 455
Delta R.T. 0.14 min
Lab File: BF082433.D
Acq: 22 Oct 2015 6:03

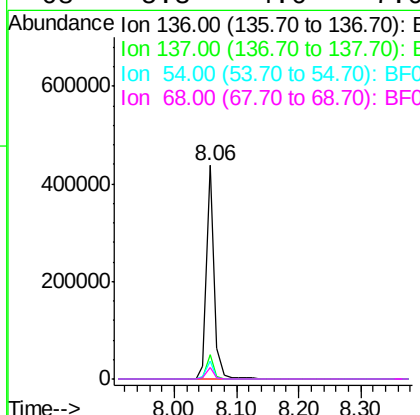
Instrument :
BNA_F
ClientSampleId :
AB-AC-01(0-2)

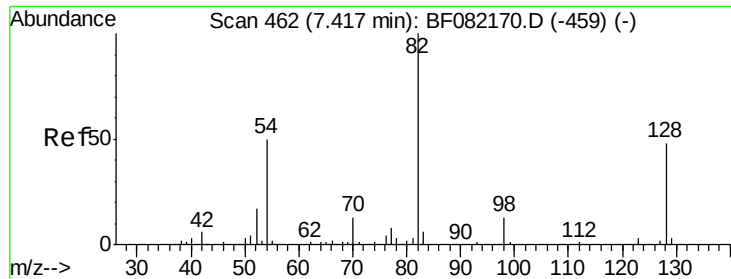
Tot Ion: 70 Resp: 64041
Ion Ratio Lower Upper
70 100
42 46.9 39.8 59.8
101 0.0 8.6 13.0#
130 2.1 20.5 30.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF082433.D
Acq: 22 Oct 2015 6:03

Tgt Ion: 136 Resp: 380290
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 8.2 7.5 11.3
68 5.3 4.6 7.0

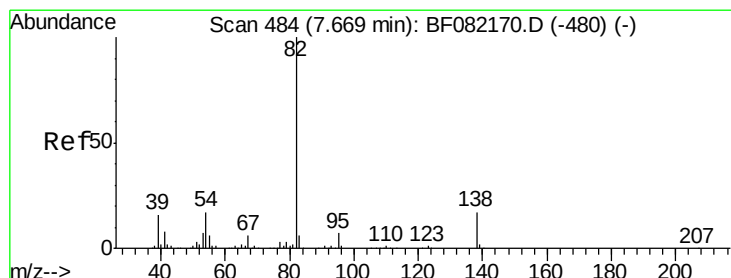
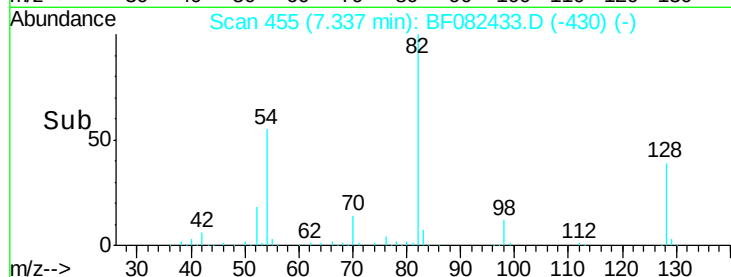
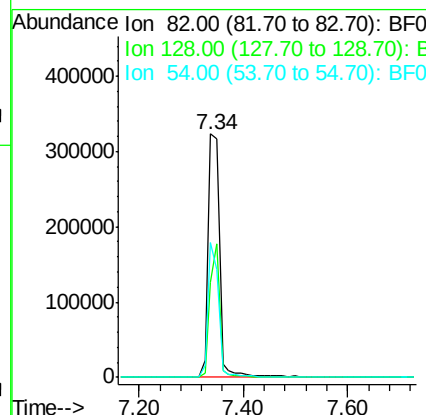
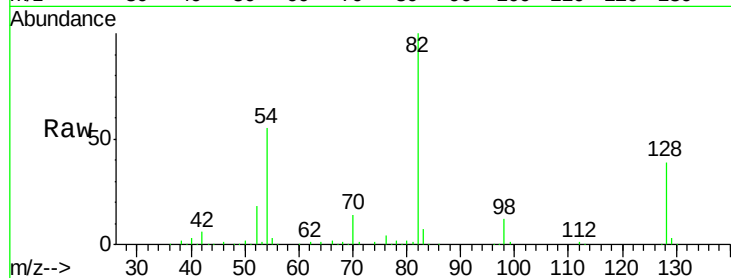




#23
 Nitrobenzene-d5
 Concen: 88.52 ng
 RT: 7.34 min Scan# 455
 Delta R.T. -0.01 min
 Lab File: BF082433.D
 Acq: 22 Oct 2015 6:03

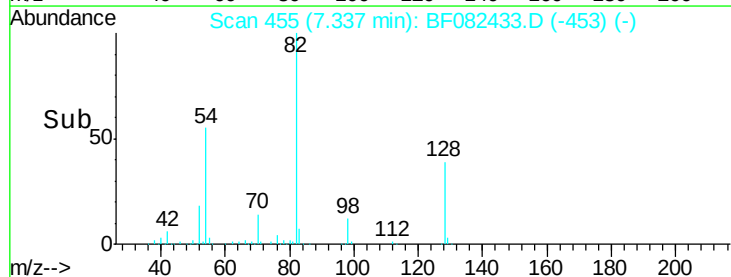
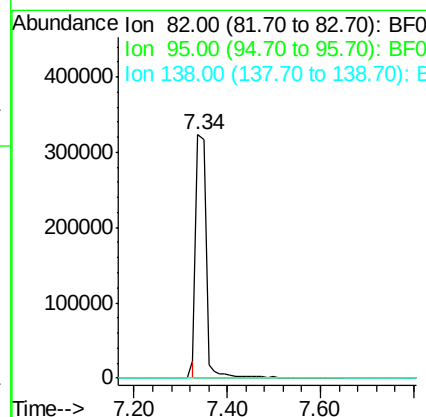
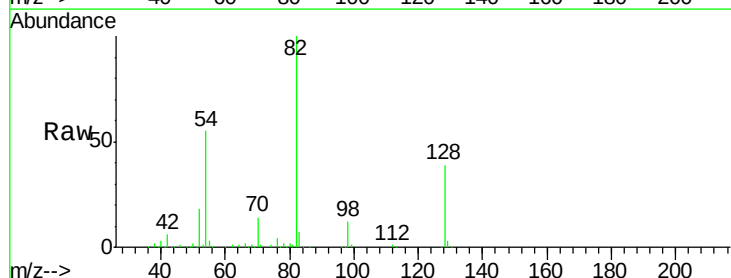
Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-01(0-2)

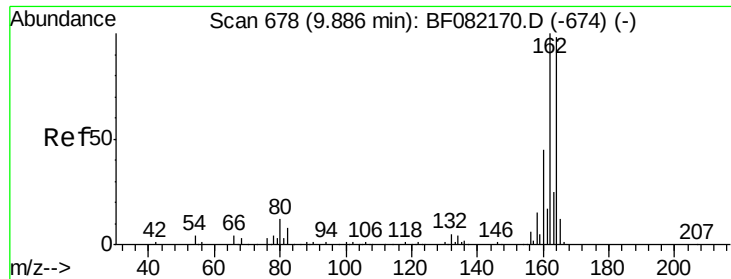
Tot Ion	82	Resp	501299
Ion Ratio	Lower	Upper	
82	100		
128	39.2	38.7	58.1
54	55.3	40.1	60.1



#25
 Isophorone
 Concen: 41.67 ng
 RT: 7.34 min Scan# 455
 Delta R.T. -0.27 min
 Lab File: BF082433.D
 Acq: 22 Oct 2015 6:03

Tgt Ion	82	Resp	476230
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.6	8.4#
138	0.0	13.6	20.4#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 672

Delta R.T. -0.00 min

Lab File: BF082433.D

Acq: 22 Oct 2015 6:03

Instrument :

BNA_F

ClientSampleId :

AB-AC-01(0-2)

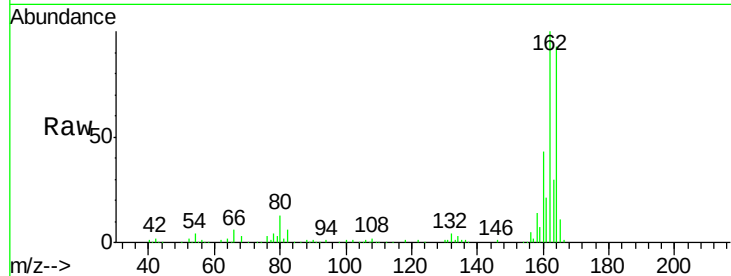
Tot Ion:164 Resp: 171700

Ion Ratio Lower Upper

164 100

162 107.3 81.6 122.4

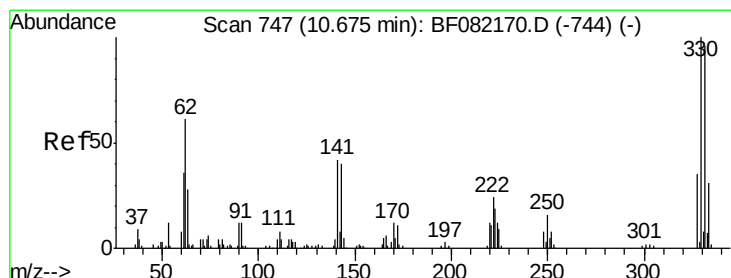
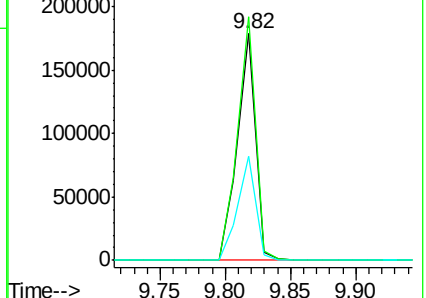
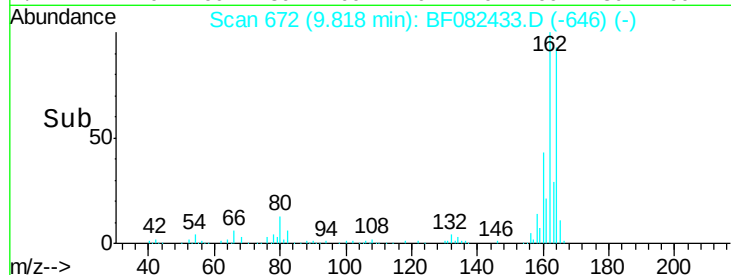
160 45.8 36.4 54.6



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: 80.15 ng

RT: 10.61 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF082433.D

Acq: 22 Oct 2015 6:03

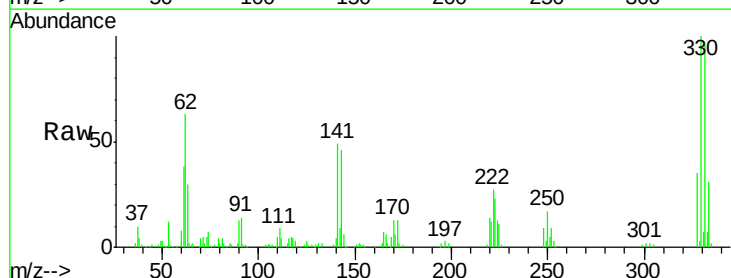
Tgt Ion:330 Resp: 129059

Ion Ratio Lower Upper

330 100

332 96.3 77.1 115.7

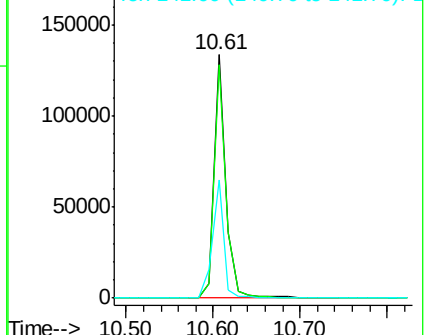
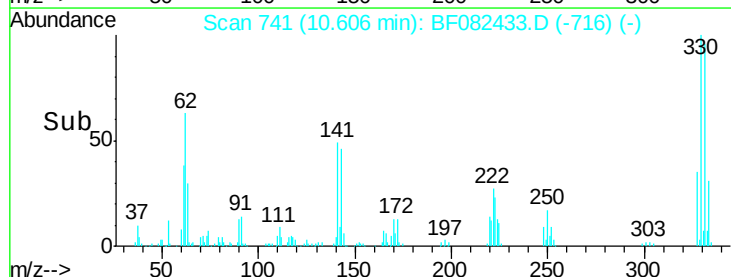
141 46.9 29.8 44.8#

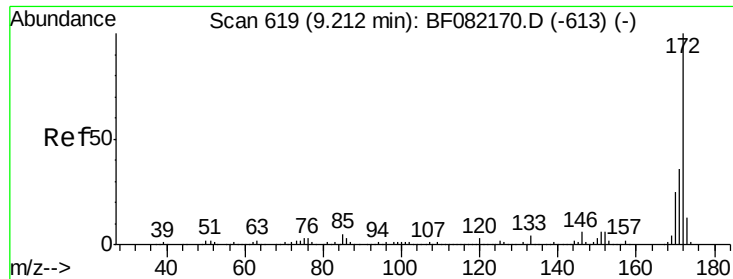


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

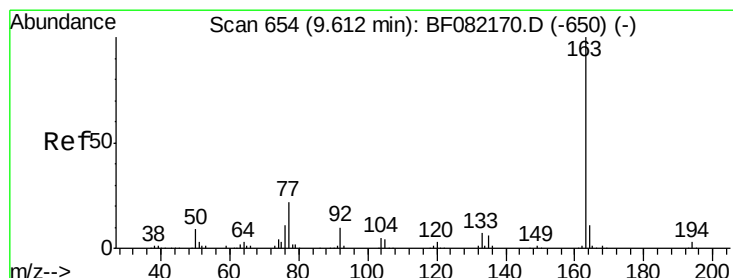
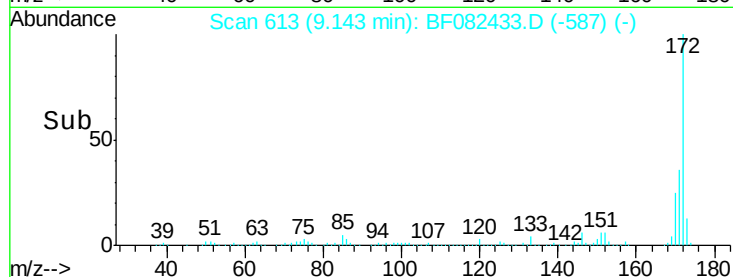
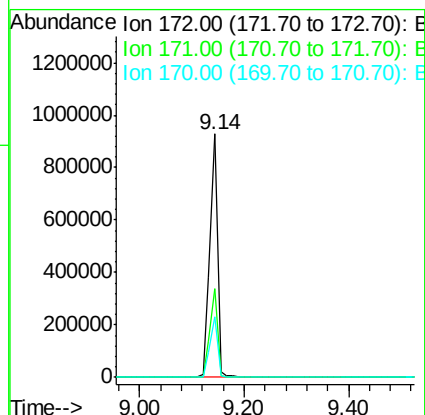
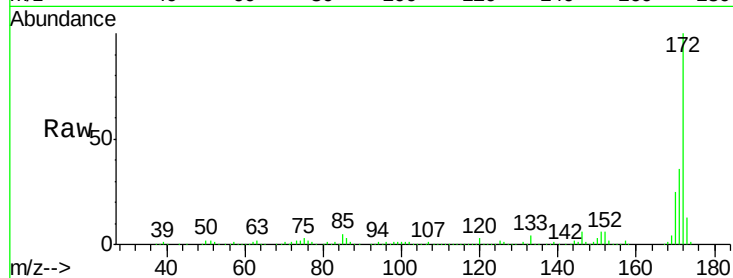




#44
 2-Fluorobiphenyl
 Concen: 91.53 ng
 RT: 9.14 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF082433.D
 Acq: 22 Oct 2015 6:03

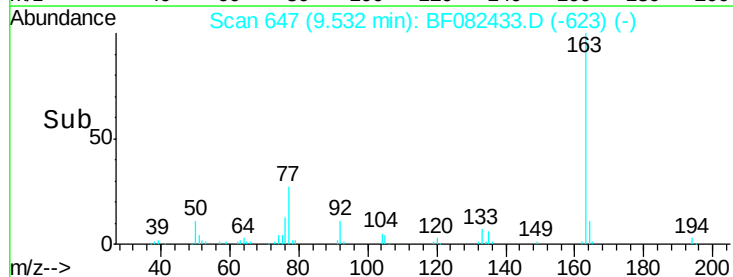
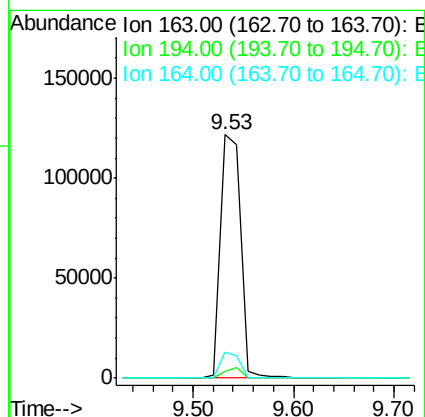
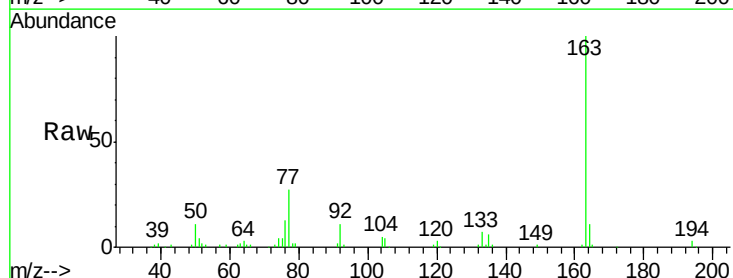
Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-01(0-2)

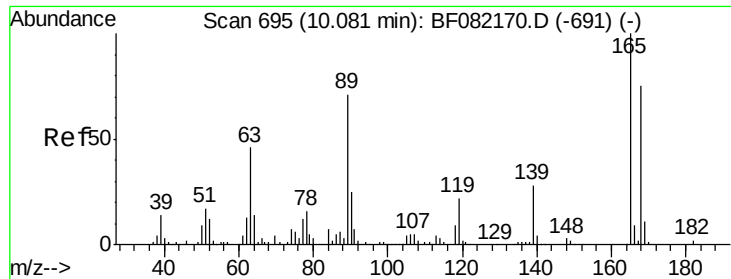
Tot Ion:172 Resp: 947684
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.6 42.8
 170 24.7 19.7 29.5



#49
 Dimethylphthalate
 Concen: 14.07 ng
 RT: 9.53 min Scan# 647
 Delta R.T. -0.02 min
 Lab File: BF082433.D
 Acq: 22 Oct 2015 6:03

Tgt Ion:163 Resp: 170136
 Ion Ratio Lower Upper
 163 100
 194 2.9 2.6 4.0
 164 10.6 8.5 12.7





#56

2,4-Dinitrotoluene

Concen: 6.77 ng

RT: 9.82 min Scan# 672

Delta R.T. -0.21 min

Lab File: BF082433.D

Acq: 22 Oct 2015 6:03

Instrument :

BNA_F

ClientSampleId :

AB-AC-01(0-2)

Tot Ion:165 Resp: 21602

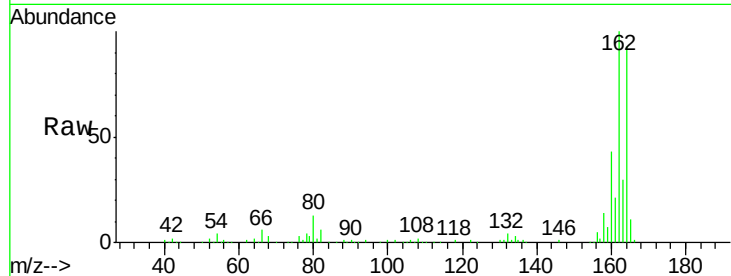
Ion Ratio Lower Upper

165 100

63 0.0 38.6 58.0#

89 1.6 57.0 85.6#

182 0.0 1.8 2.6#

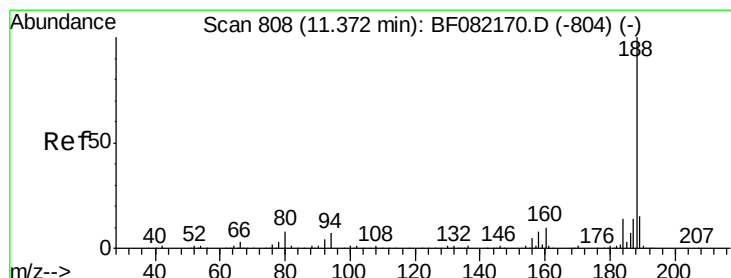
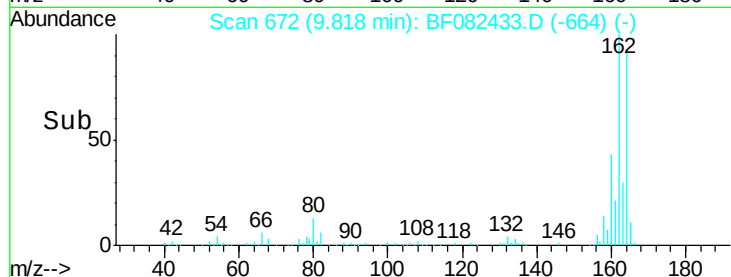
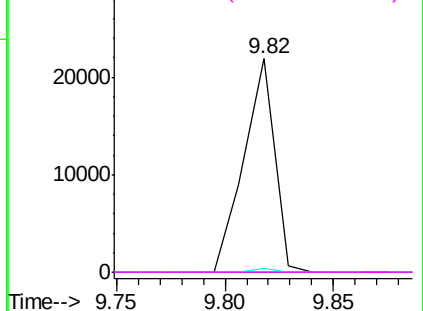


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.30 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF082433.D

Acq: 22 Oct 2015 6:03

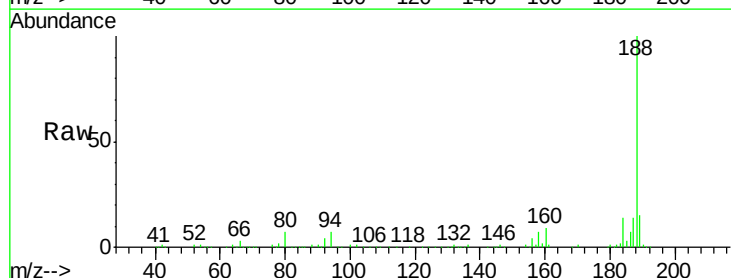
Tgt Ion:188 Resp: 278023

Ion Ratio Lower Upper

188 100

94 6.6 5.8 8.6

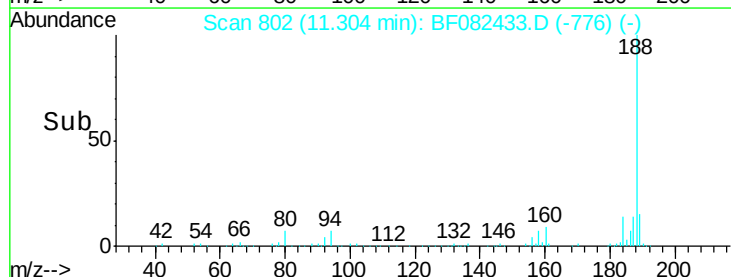
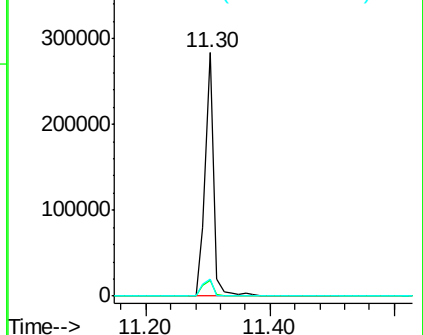
80 7.0 6.4 9.6

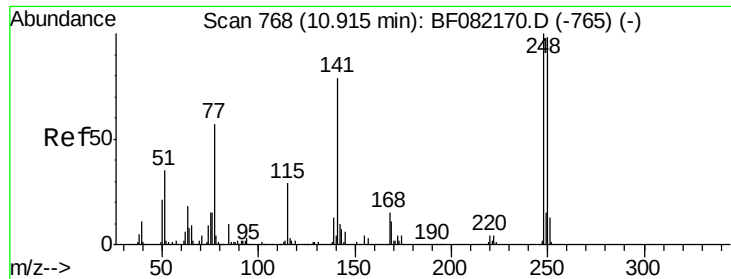


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

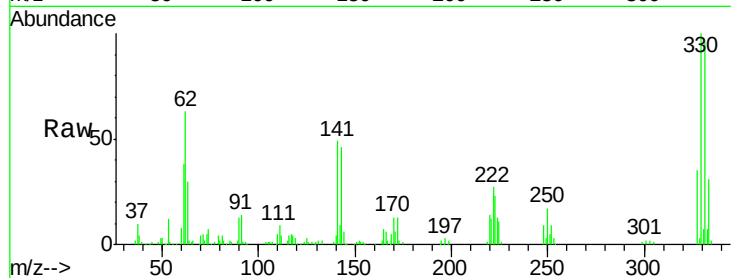




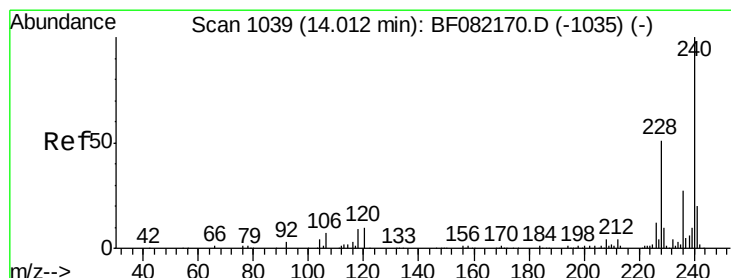
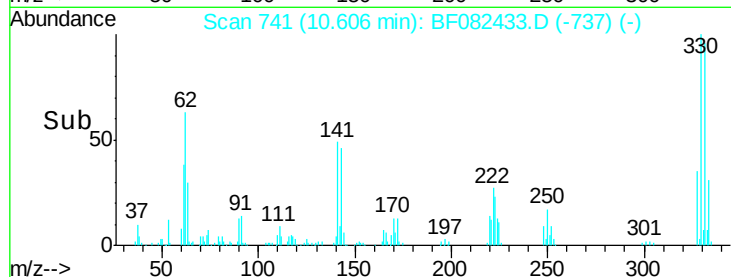
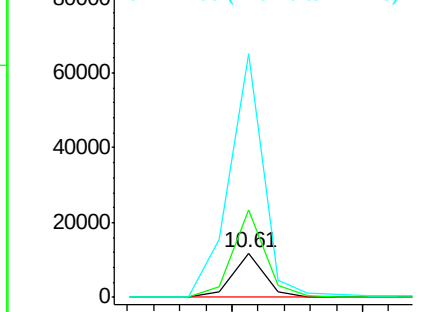
#66
4-Bromophenyl-phenylether
Concen: 3.64 ng
RT: 10.61 min Scan# 741
Delta R.T. -0.25 min
Lab File: BF082433.D
Acq: 22 Oct 2015 6:03

Instrument :
BNA_F
ClientSampleId :
AB-AC-01(0-2)

Tot Ion:248 Resp: 10129
Ion Ratio Lower Upper
248 100
250 196.2 78.6 117.8#
141 549.4 63.3 94.9#

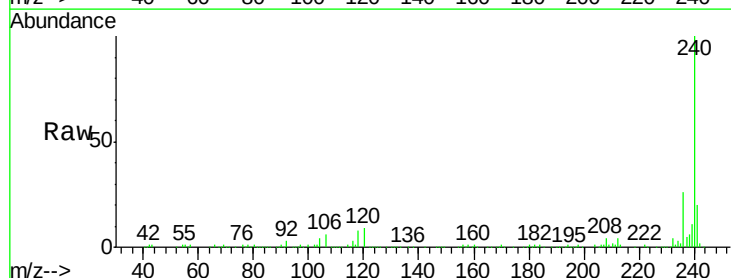


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

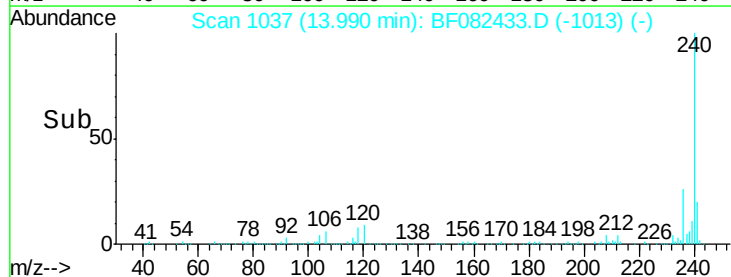
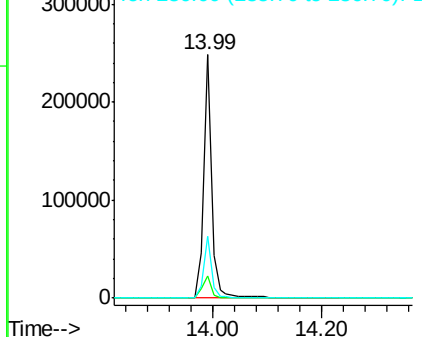


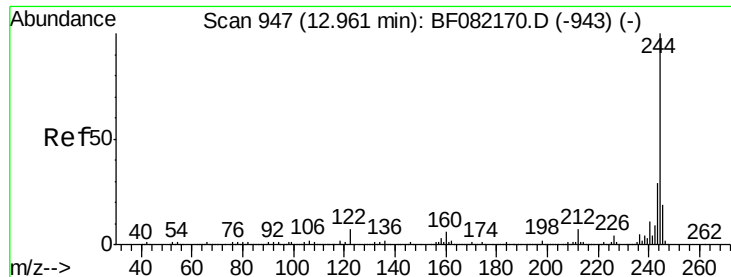
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF082433.D
Acq: 22 Oct 2015 6:03

Tgt Ion:240 Resp: 253043
Ion Ratio Lower Upper
240 100
120 9.3 8.1 12.1
236 25.6 21.3 31.9



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

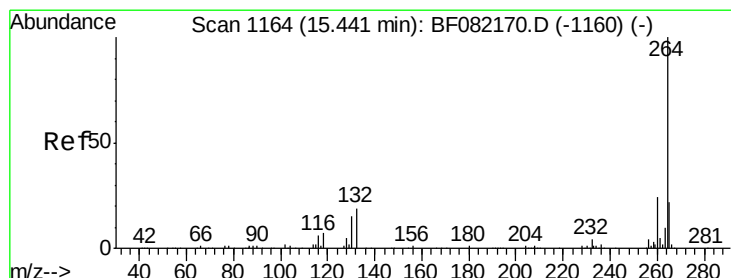
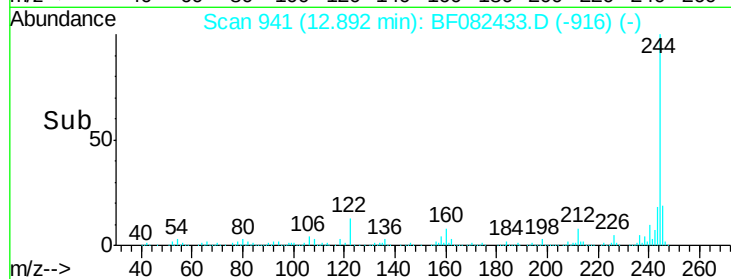
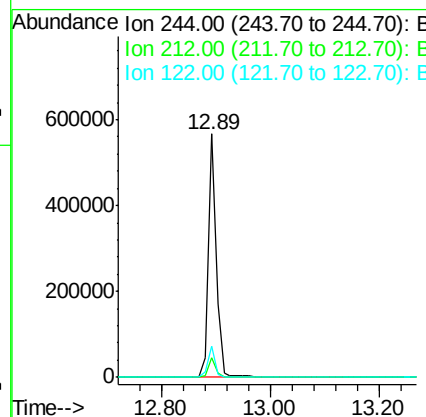
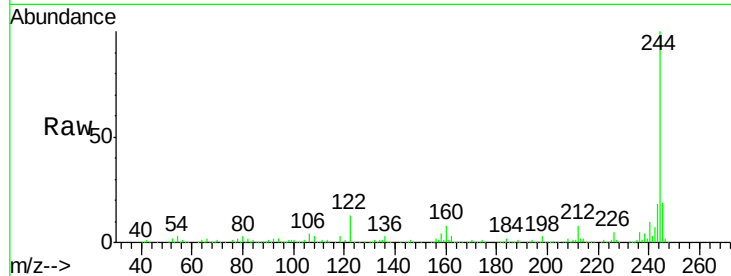




#78
 Terphenyl-d14
 Concen: 59.04 ng
 RT: 12.89 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BF082433.D
 Acq: 22 Oct 2015 6:03

Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-01(0-2)

Tot Ion:244 Resp: 563809
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.8 8.6
 122 12.7 5.9 8.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1170
 Delta R.T. -0.02 min
 Lab File: BF082433.D
 Acq: 22 Oct 2015 6:03

Tgt Ion:264 Resp: 232182
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.6
 265 21.6 17.3 25.9

