

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102315\
 Data File : BF082487.D
 Acq On : 24 Oct 2015 1:41
 Operator : UM/IZ
 Sample : G4142-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NC-001

Quant Time: Oct 24 04:56:23 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 24 04:47:19 2015
 Response via : Initial Calibration

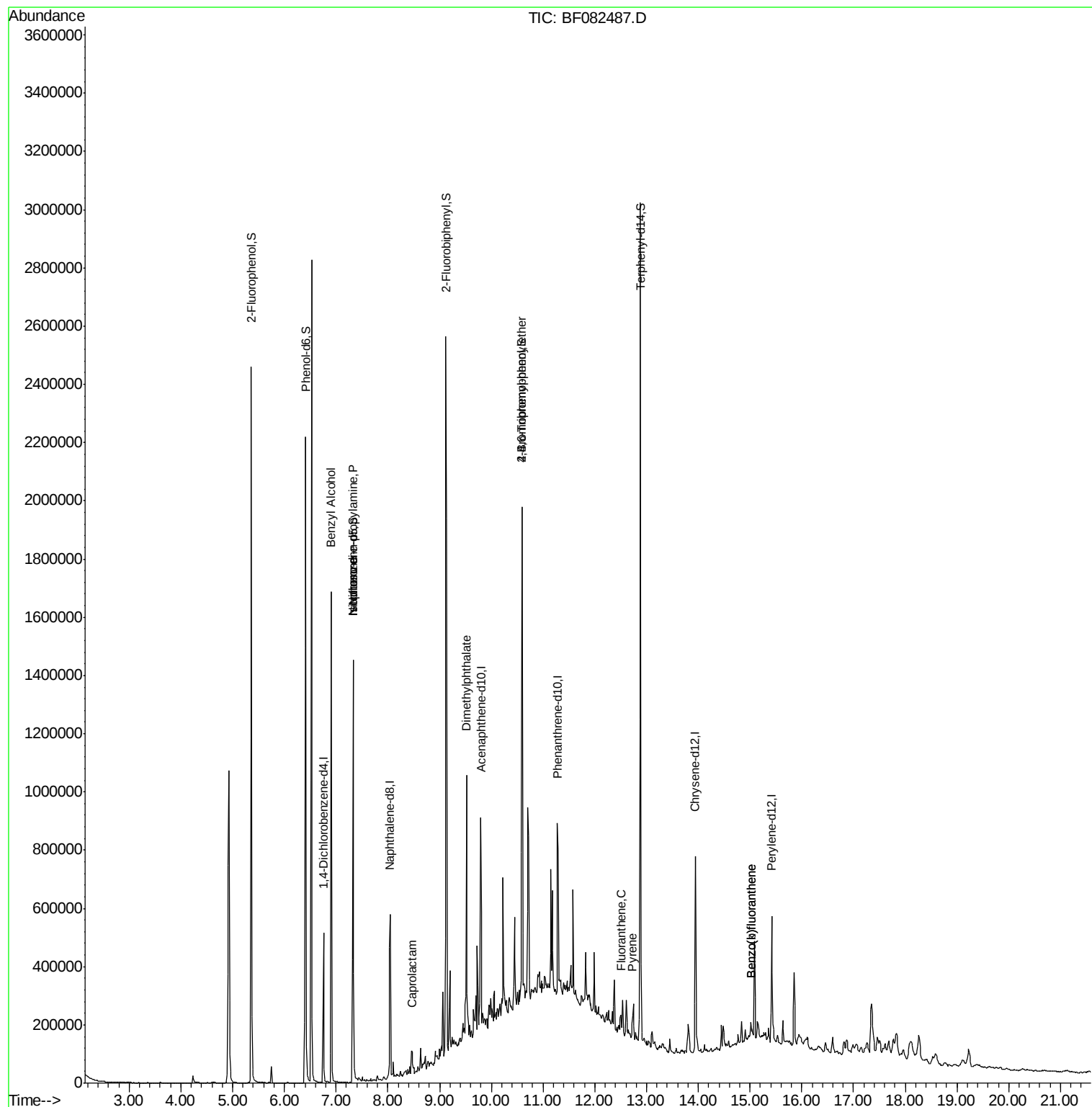
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	98470	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	381915	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	177731	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	318103	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	246948	20.00	ng	-0.01
86) Perylene-d12	15.42	264	208663	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	784863	160.86	ng	0.01
7) Phenol-d6	6.41	99	1049243	165.25	ng	0.00
23) Nitrobenzene-d5	7.33	82	567401	99.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	199644	119.78	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1187270	110.78	ng	-0.01
78) Terphenyl-d14	12.88	244	1006333	107.99	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.90	79	10125	2.31	ng	# 52
19) n-Nitroso-di-n-propylamine	7.33	70	76329	17.12	ng	# 79
25) Isophorone	7.33	82	454080	39.56	ng	# 66
35) Caprolactam	8.47	113	3024	2.10	ng	# 1
49) Dimethylphthalate	9.52	163	258864	20.68	ng	99
55) 4-Nitrophenol	9.90	139	522	Below Cal	#	1
66) 4-Bromophenyl-phenylether	10.59	248	15963	5.01	ng	# 1
74) Fluoranthene	12.50	202	37146	2.22	ng	96
77) Pyrene	12.73	202	42589	2.91	ng	98
87) Benzo(b)fluoranthene	15.02	252	41021	3.23	ng	# 91
88) Benzo(k)fluoranthene	15.02	252	41021	3.84	ng	# 89

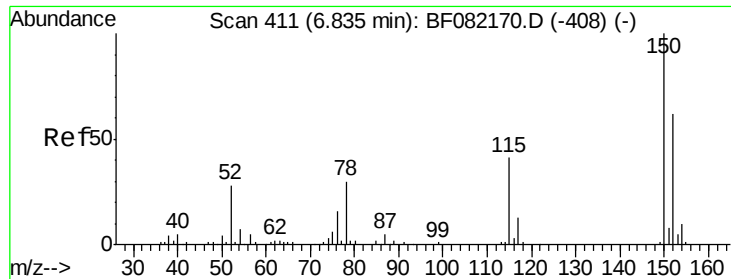
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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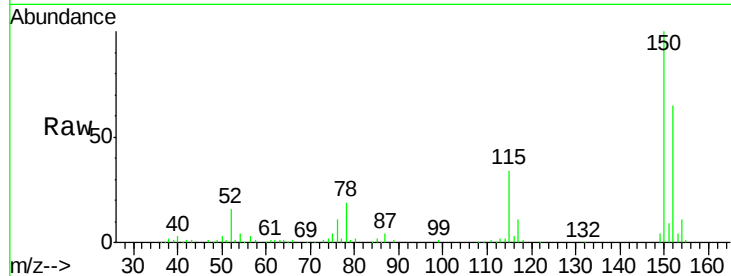


#1

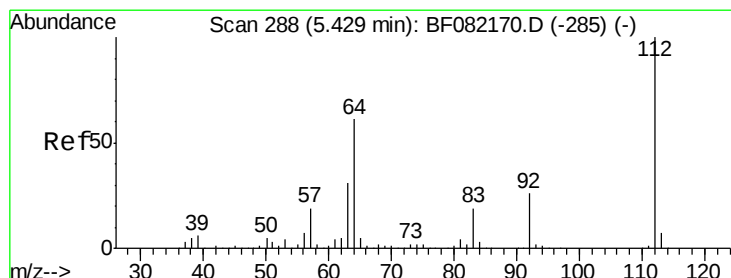
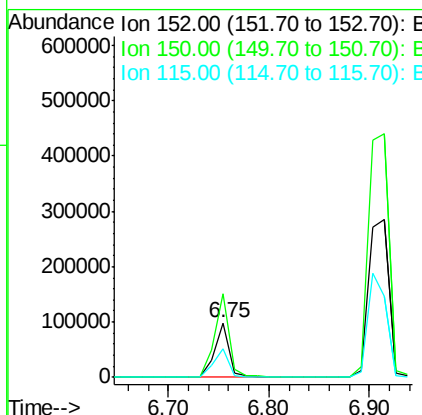
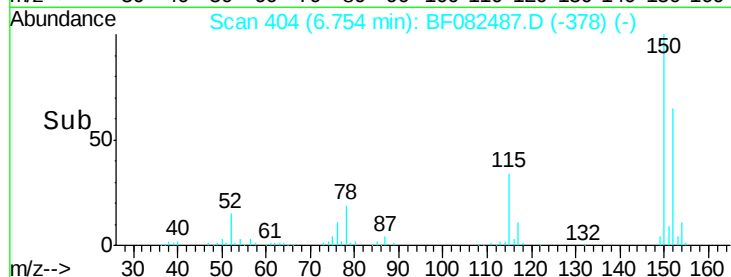
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF082487.D
Acq: 24 Oct 2015 1:41

Instrument :
BNA_F
ClientSampled :
NC-001

Tot Ion:152 Resp: 98470
Ion Ratio Lower Upper
152 100
150 154.2 129.0 193.4
115 52.5 52.1 78.1



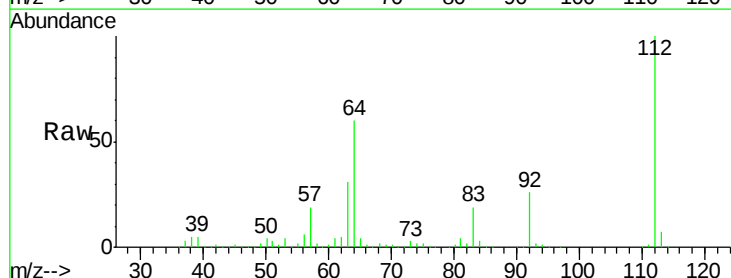
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



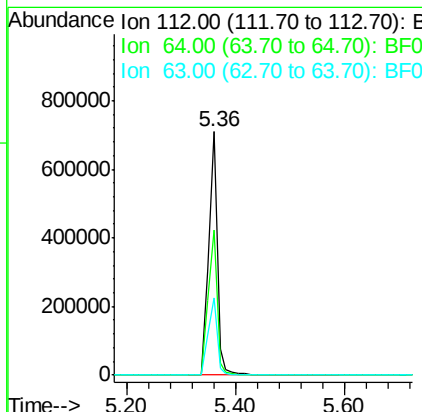
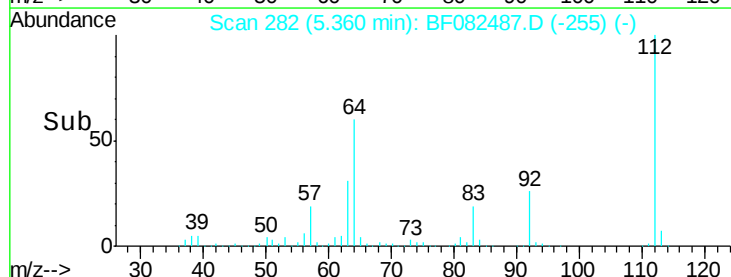
#5

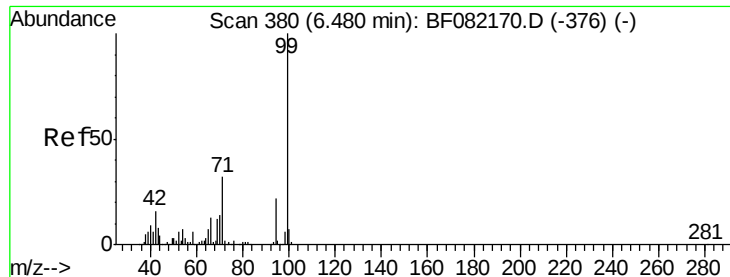
2-Fluorophenol
Concen: 160.86 ng
RT: 5.36 min Scan# 282
Delta R.T. 0.01 min
Lab File: BF082487.D
Acq: 24 Oct 2015 1:41

Tgt Ion:112 Resp: 784863
Ion Ratio Lower Upper
112 100
64 59.5 48.6 73.0
63 31.5 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: 165.25 ng

RT: 6.41 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF082487.D

Acq: 24 Oct 2015 1:41

Instrument :

BNA_F

ClientSampled :

NC-001

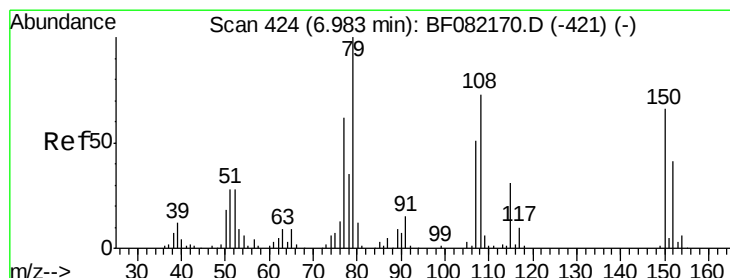
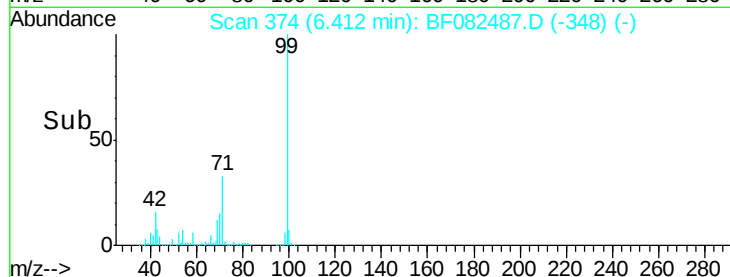
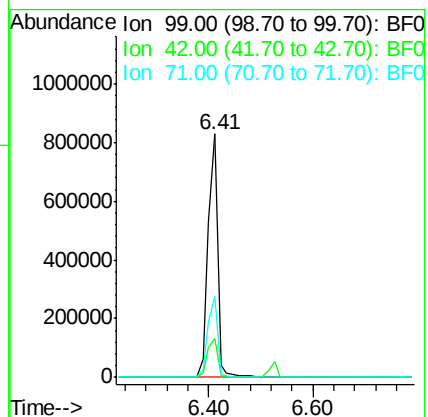
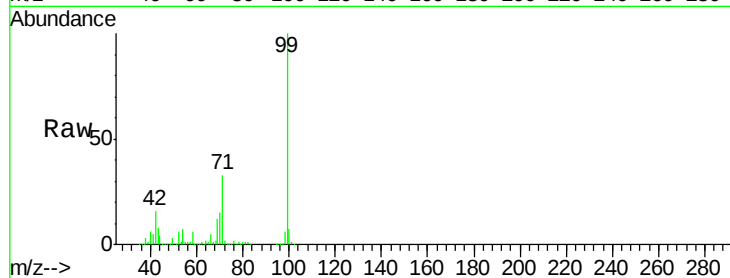
Tot Ion: 99 Resp: 1049243

Ion Ratio Lower Upper

99 100

42 16.0 13.2 19.8

71 33.3 25.6 38.4



#15

Benzyl Alcohol

Concen: 2.31 ng

RT: 6.90 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF082487.D

Acq: 24 Oct 2015 1:41

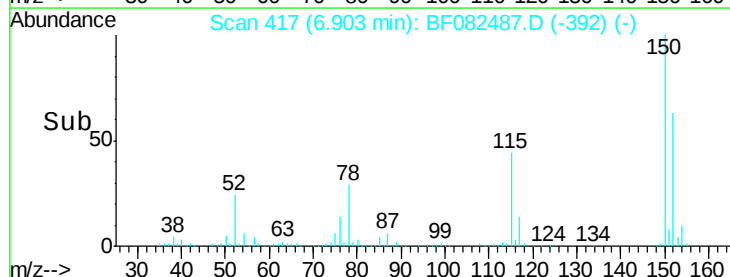
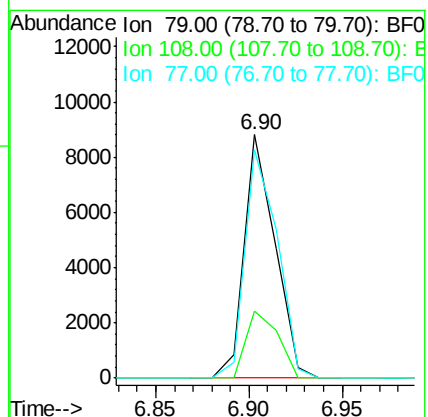
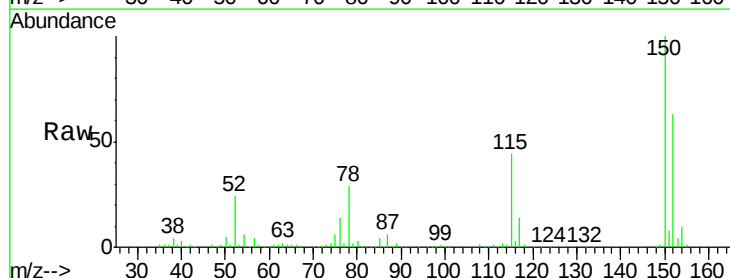
Tgt Ion: 79 Resp: 10125

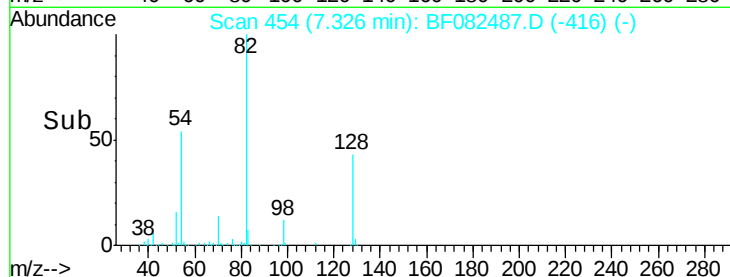
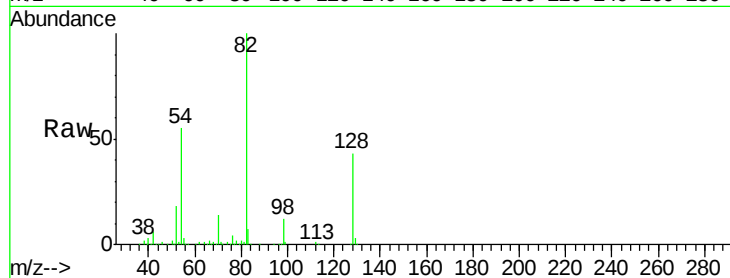
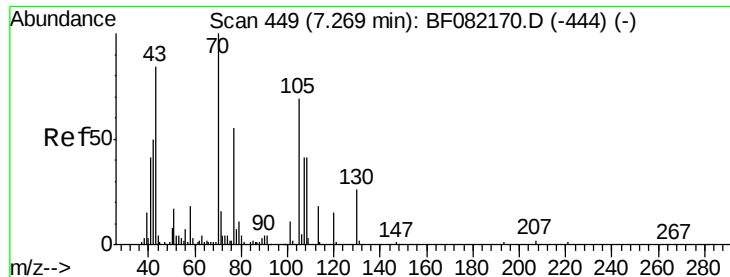
Ion Ratio Lower Upper

79 100

108 27.4 58.4 87.6#

77 93.8 49.8 74.6#

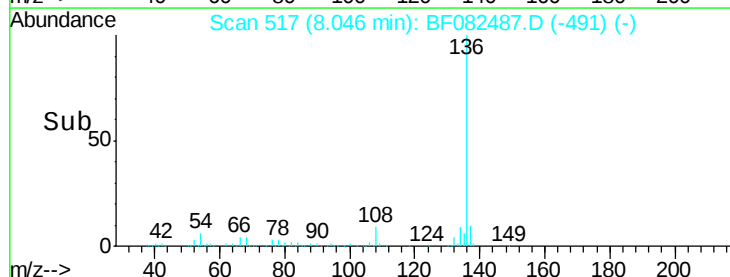
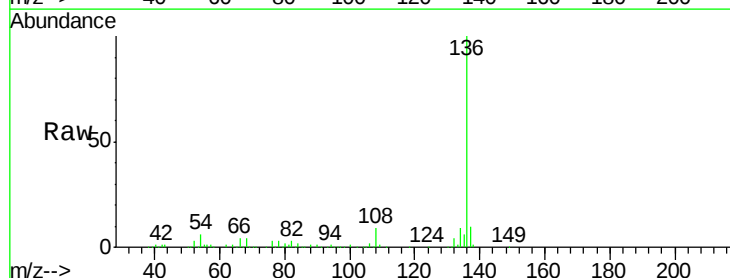
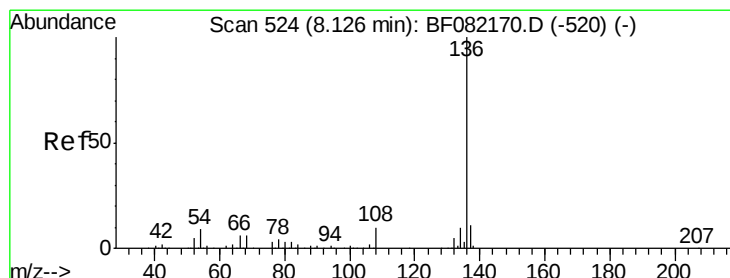
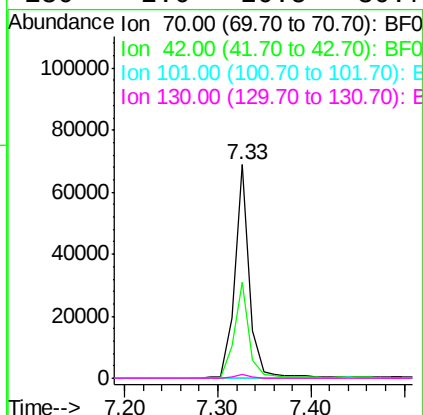




#19
n-Nitroso-di-n-propylamine
Concen: 17.12 ng
RT: 7.33 min Scan# 454
Delta R.T. 0.14 min
Lab File: BF082487.D
Acq: 24 Oct 2015 1:41

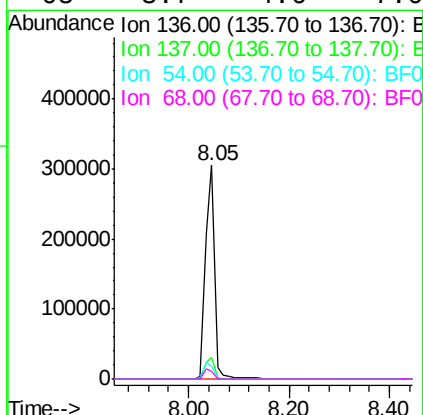
Instrument :
BNA_F
ClientSampled :
NC-001

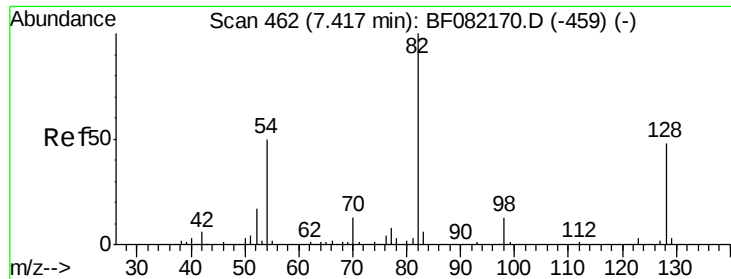
Tot Ion	Ratio	Lower	Upper
70	100		
42	45.3	39.8	59.8
101	0.0	8.6	13.0#
130	2.0	20.5	30.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF082487.D
Acq: 24 Oct 2015 1:41

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.0	13.6
54	5.8	7.5	11.3#
68	3.7	4.6	7.0#

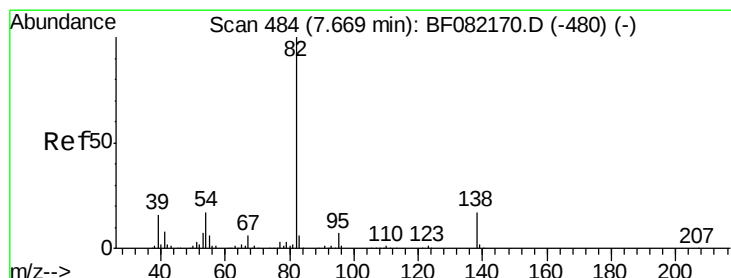
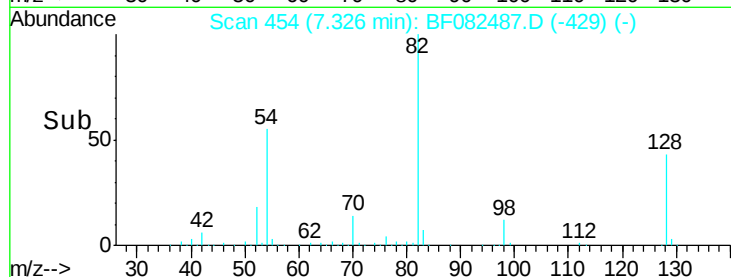
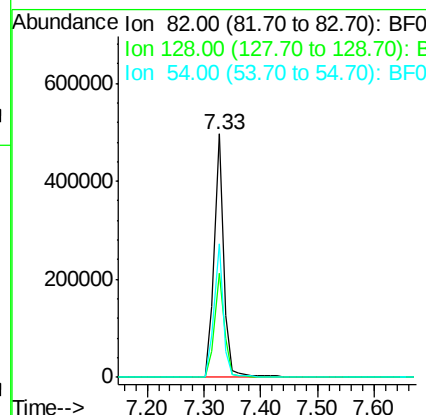
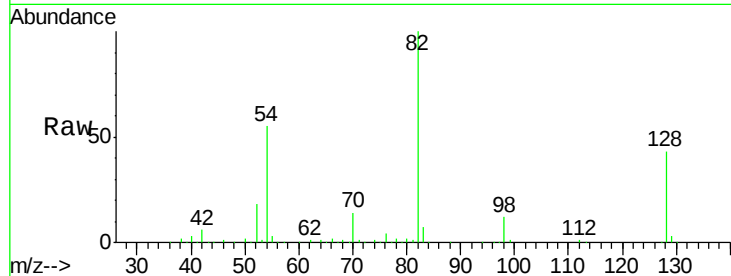




#23
 Nitrobenzene-d5
 Concen: 99.77 ng
 RT: 7.33 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF082487.D
 Acq: 24 Oct 2015 1:41

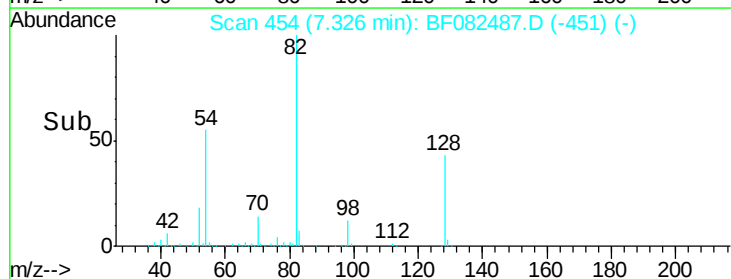
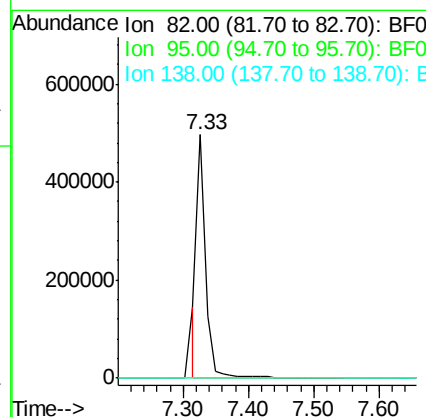
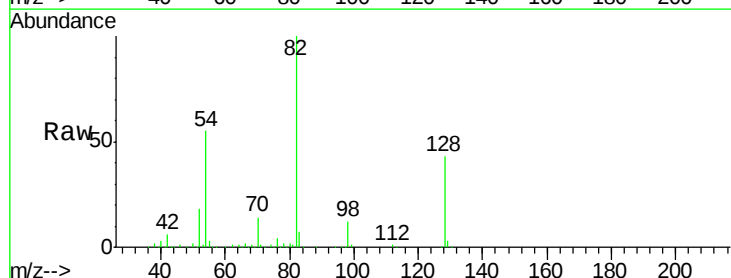
Instrument :
 BNA_F
 ClientSampleId :
 NC-001

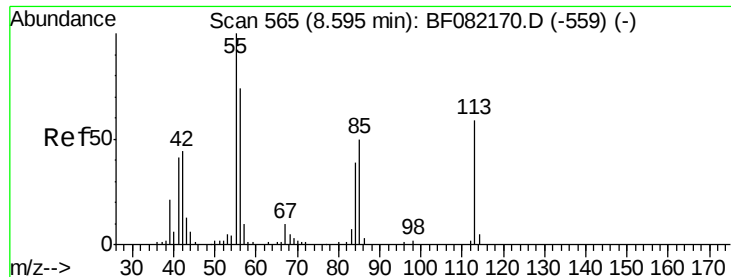
Tot Ion: 82 Resp: 567401
 Ion Ratio Lower Upper
 82 100
 128 42.6 38.7 58.1
 54 54.9 40.1 60.1



#25
 Isophorone
 Concen: 39.56 ng
 RT: 7.33 min Scan# 454
 Delta R.T. -0.26 min
 Lab File: BF082487.D
 Acq: 24 Oct 2015 1:41

Tgt Ion: 82 Resp: 454080
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 13.6 20.4#





#35

Caprolactam

Concen: 2.10 ng

RT: 8.47 min Scan# 554

Delta R.T. -0.06 min

Lab File: BF082487.D

Acq: 24 Oct 2015 1:41

Instrument :

BNA_F

ClientSampled :

NC-001

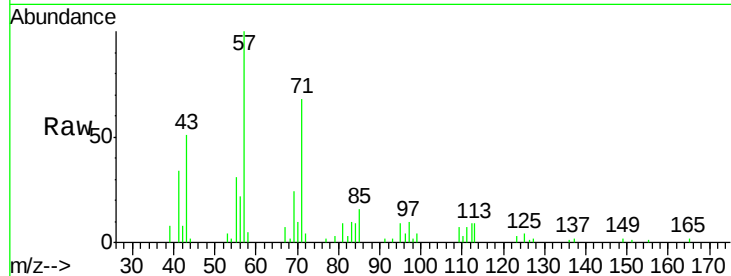
Tot Ion:113 Resp: 3024

Ion Ratio Lower Upper

113 100

55 334.6 149.7 189.7#

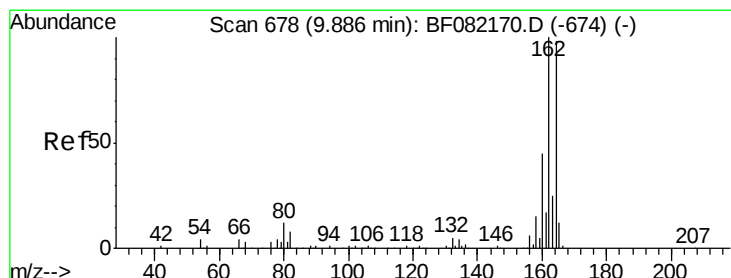
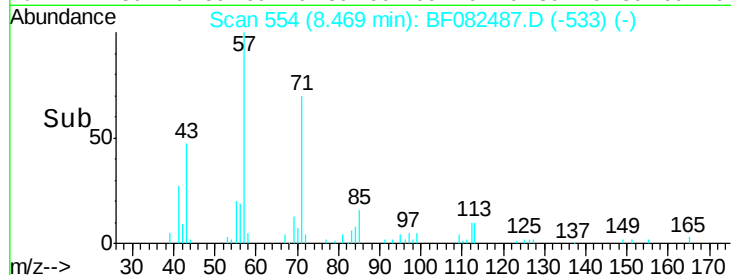
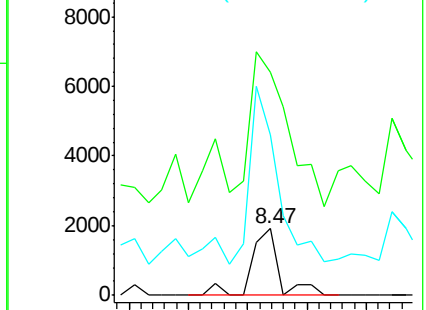
56 241.8 105.4 145.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.79 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF082487.D

Acq: 24 Oct 2015 1:41

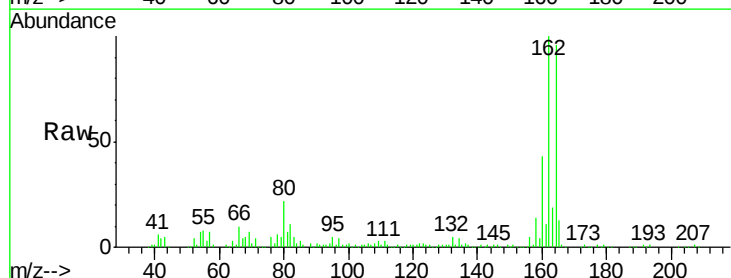
Tgt Ion:164 Resp: 177731

Ion Ratio Lower Upper

164 100

162 104.1 81.6 122.4

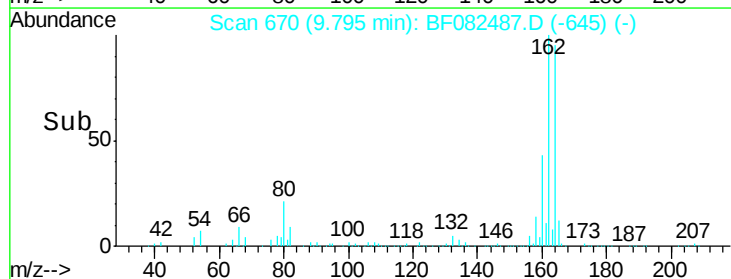
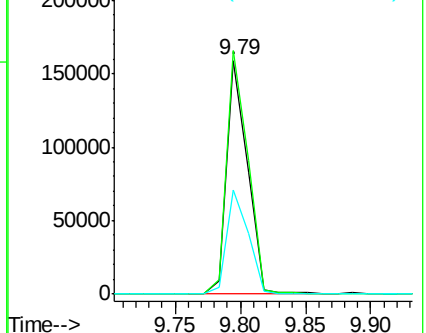
160 44.5 36.4 54.6

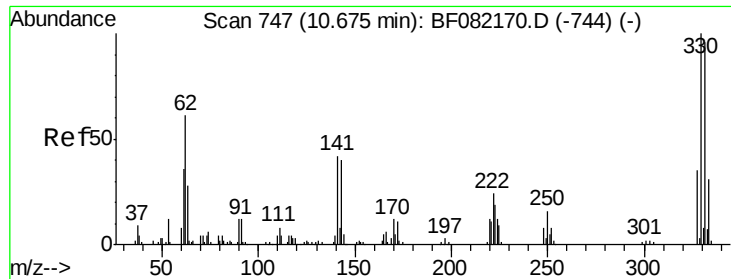


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

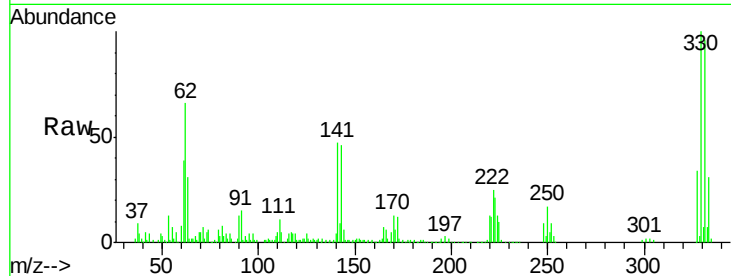




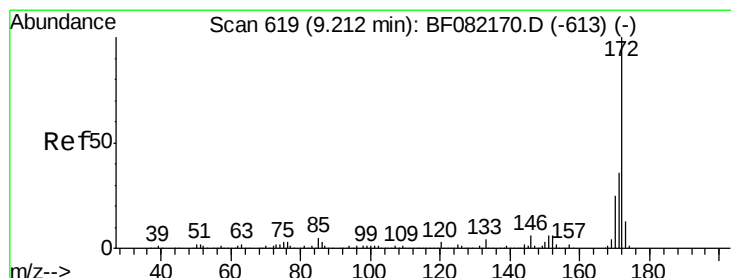
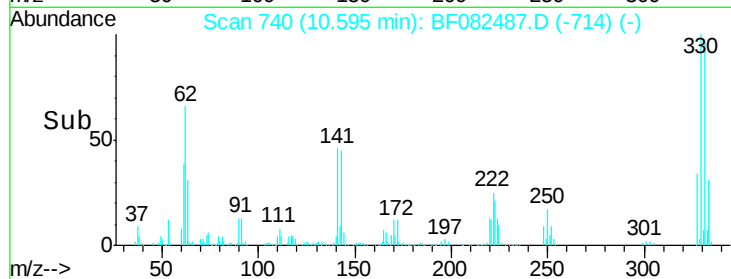
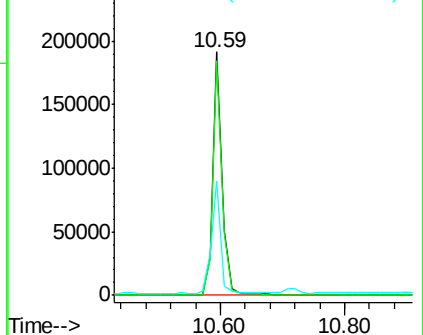
#41
 2,4,6-Tribromophenol
 Concen: 119.78 ng
 RT: 10.59 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF082487.D
 Acq: 24 Oct 2015 1:41

Instrument :
 BNA_F
 ClientSampleId :
 NC-001

Tot Ion:330 Resp: 199644
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.1 115.7
 141 46.2 29.8 44.8#

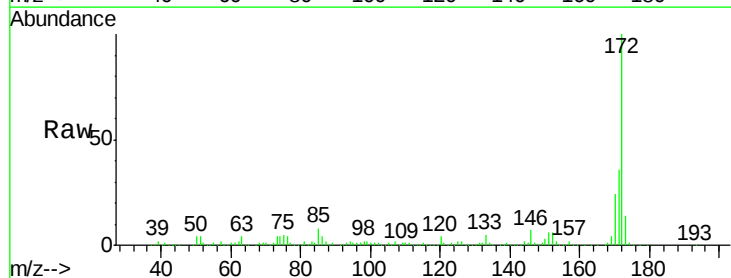


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

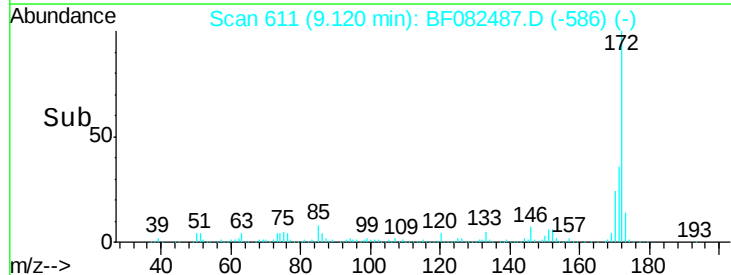
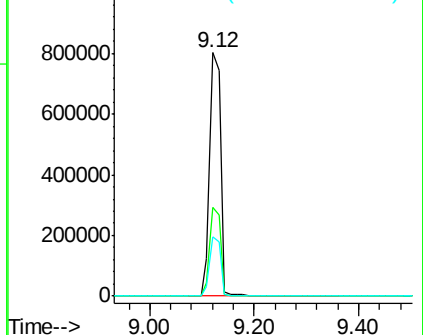


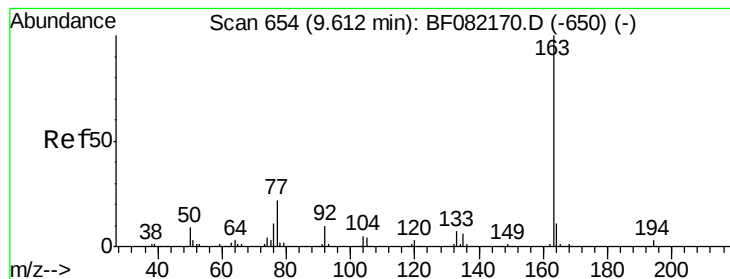
#44
 2-Fluorobiphenyl
 Concen: 110.78 ng
 RT: 9.12 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF082487.D
 Acq: 24 Oct 2015 1:41

Tgt Ion:172 Resp: 1187270
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.6 42.8
 170 24.5 19.7 29.5



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: 20.68 ng

RT: 9.52 min Scan# 646

Delta R.T. -0.02 min

Lab File: BF082487.D

Acq: 24 Oct 2015 1:41

Instrument :

BNA_F

ClientSampleId :

NC-001

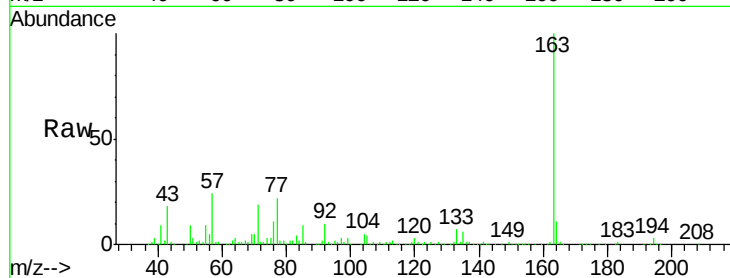
Tot Ion:163 Resp: 258864

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

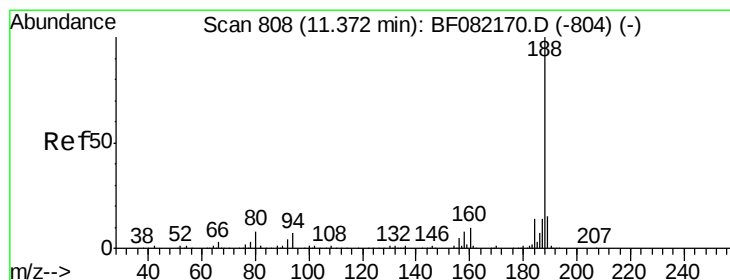
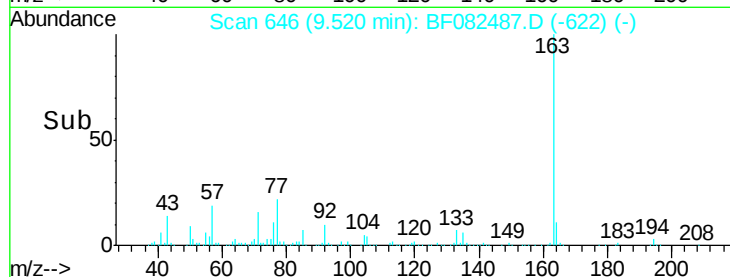
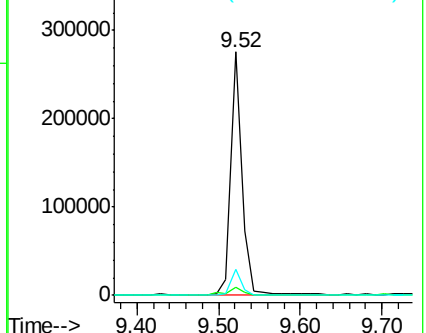
164 10.9 8.5 12.7



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: 11.28 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF082487.D

Acq: 24 Oct 2015 1:41

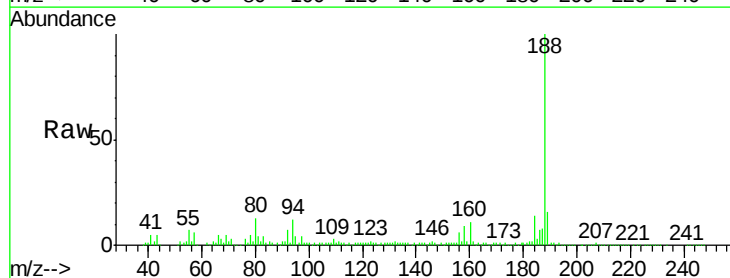
Tgt Ion:188 Resp: 318103

Ion Ratio Lower Upper

188 100

94 11.7 5.8 8.6#

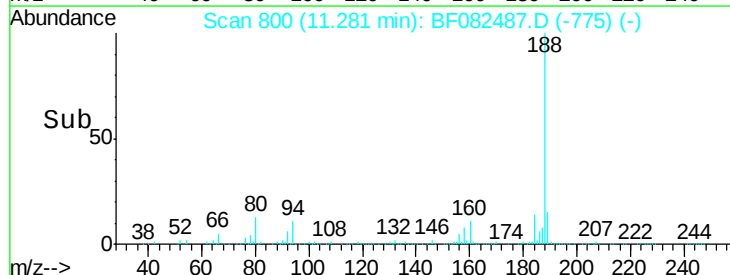
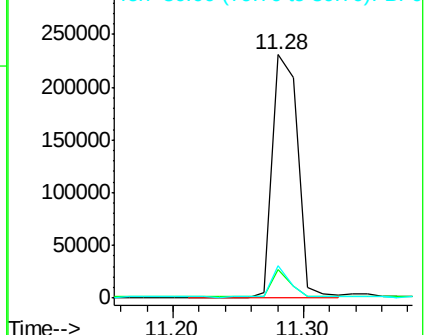
80 13.1 6.4 9.6#

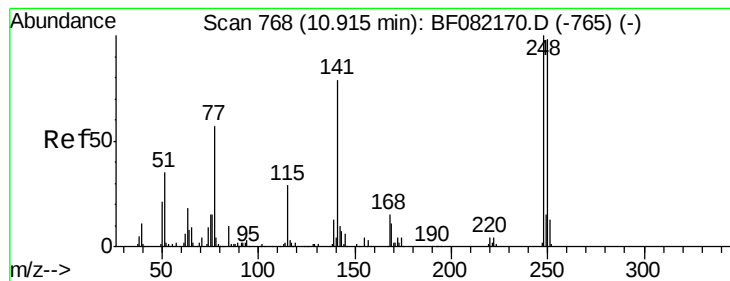


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 5.01 ng

RT: 10.59 min Scan# 740

Delta R.T. -0.24 min

Lab File: BF082487.D

Acq: 24 Oct 2015 1:41

Instrument :

BNA_F

ClientSampleId :

NC-001

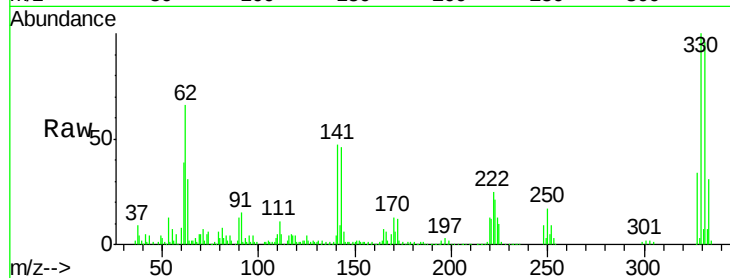
Tot Ion:248 Resp: 15963

Ion Ratio Lower Upper

248 100

250 189.0 78.6 117.8#

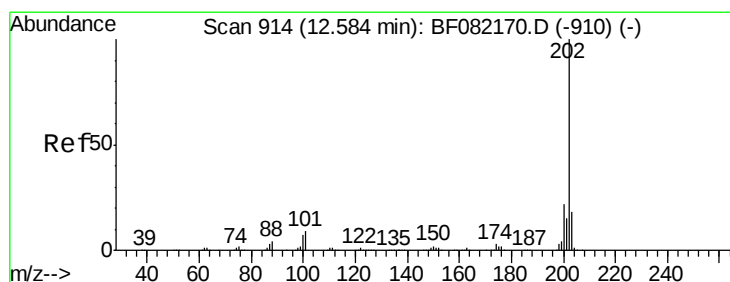
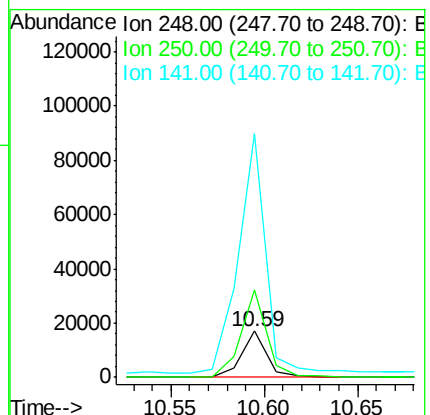
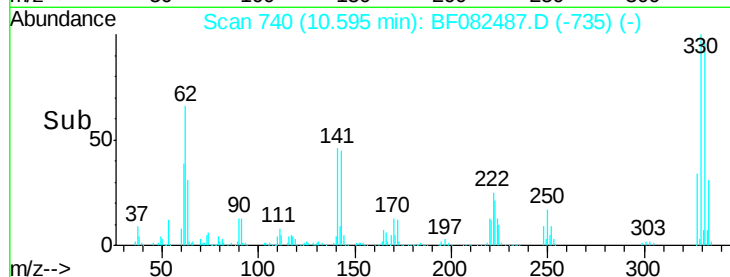
141 528.4 63.3 94.9#



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



#74

Fluoranthene

Concen: 2.22 ng

RT: 12.50 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF082487.D

Acq: 24 Oct 2015 1:41

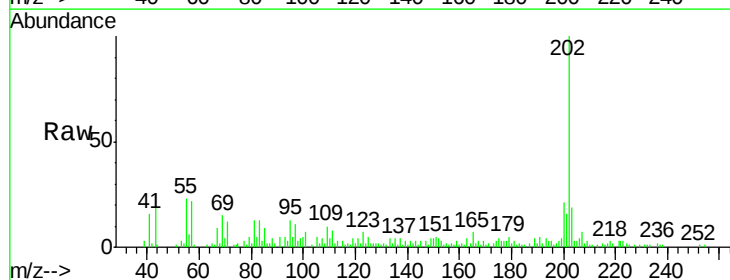
Tgt Ion:202 Resp: 37146

Ion Ratio Lower Upper

202 100

101 6.9 0.0 29.3

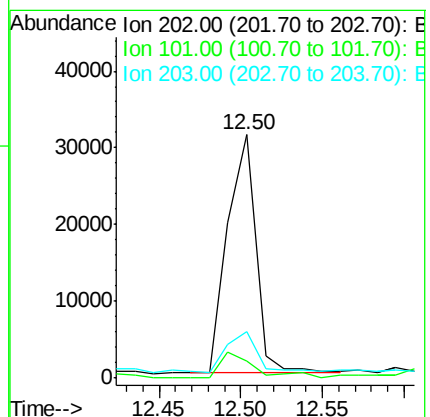
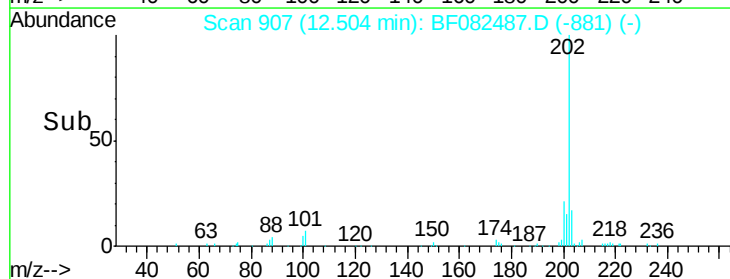
203 19.0 0.0 37.8

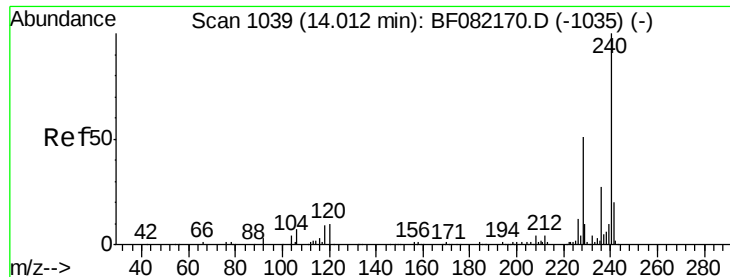


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.94 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF082487.D

Acq: 24 Oct 2015 1:41

Instrument :

BNA_F

ClientSampleId :

NC-001

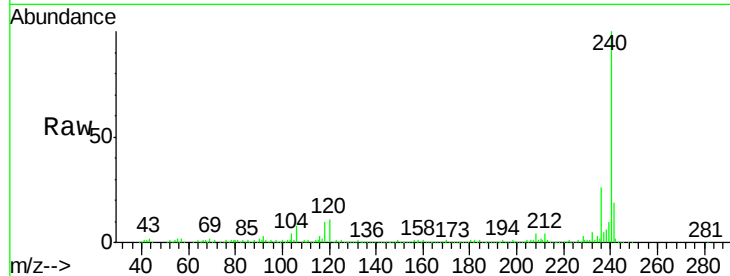
Tot Ion:240 Resp: 246948

Ion Ratio Lower Upper

240 100

120 10.7 8.1 12.1

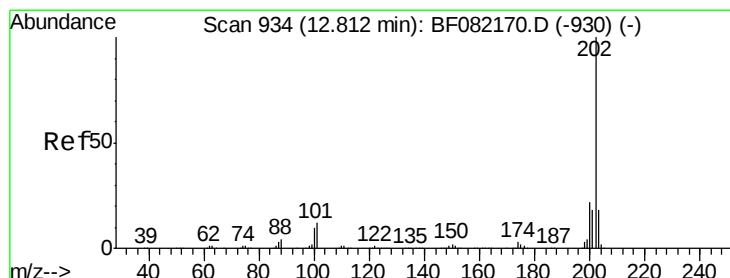
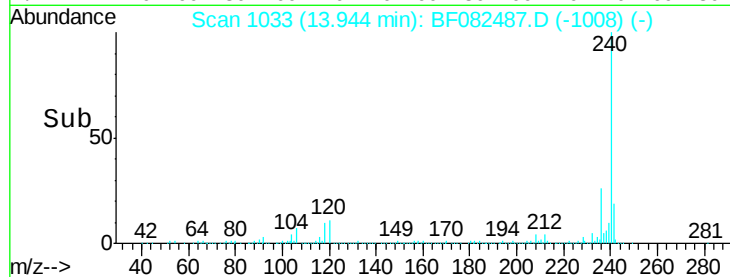
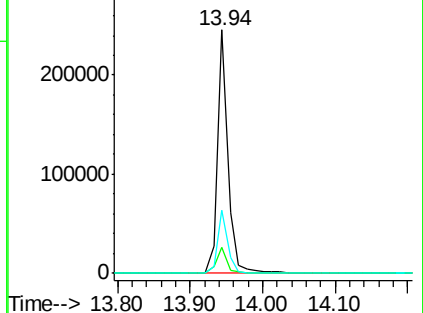
236 26.0 21.3 31.9



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



#77

Pyrene

Concen: 2.91 ng

RT: 12.73 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF082487.D

Acq: 24 Oct 2015 1:41

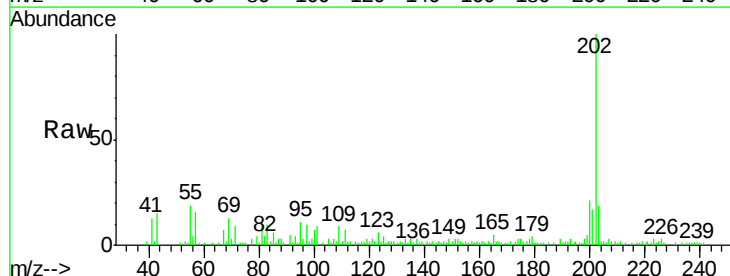
Tgt Ion:202 Resp: 42589

Ion Ratio Lower Upper

202 100

200 21.1 17.9 26.9

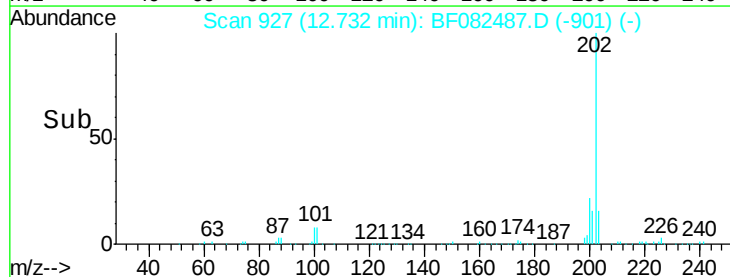
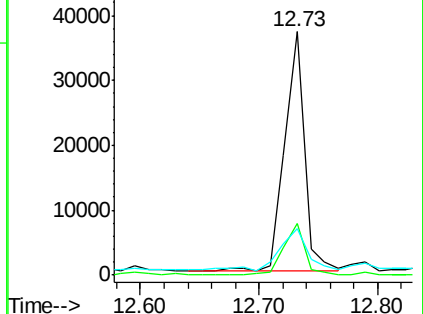
203 18.9 14.5 21.7

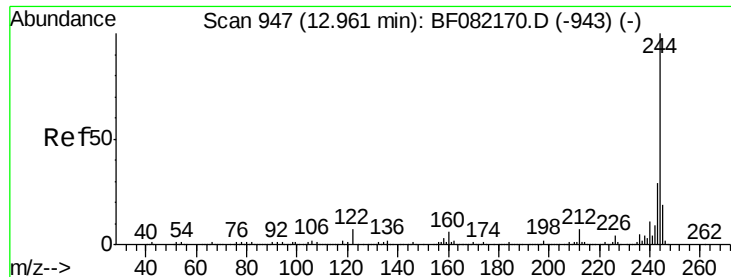


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 107.99 ng

RT: 12.88 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF082487.D

Acq: 24 Oct 2015 1:41

Instrument :

BNA_F

ClientSampleId :

NC-001

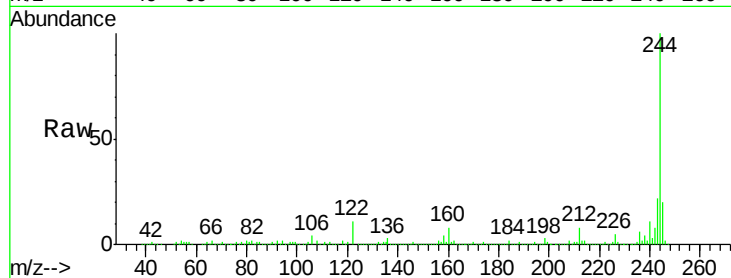
Tot Ion:244 Resp: 1006333

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.6

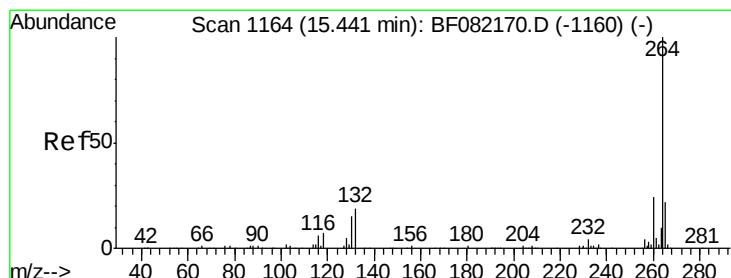
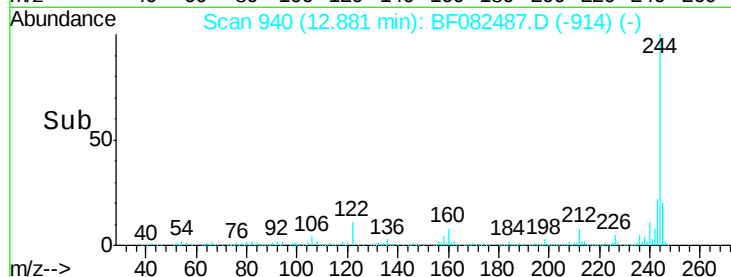
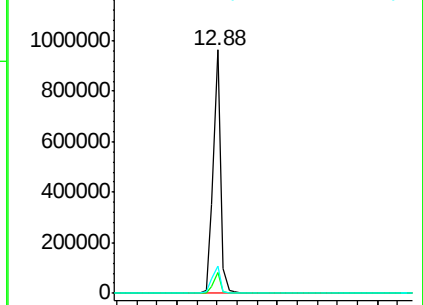
122 11.3 5.9 8.9#



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: 15.42 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BF082487.D

Acq: 24 Oct 2015 1:41

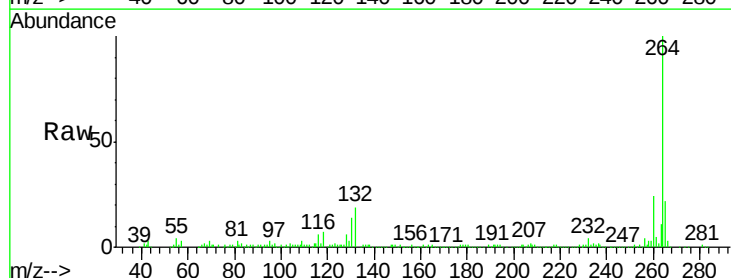
Tgt Ion:264 Resp: 208663

Ion Ratio Lower Upper

264 100

260 24.3 19.0 28.6

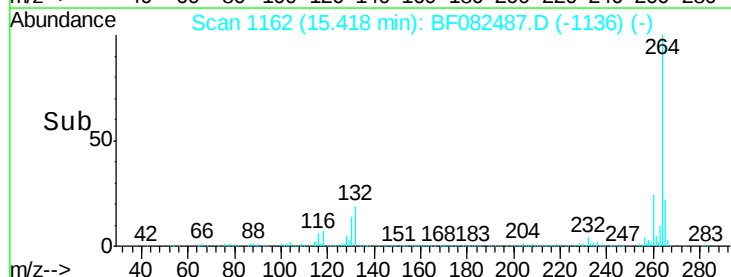
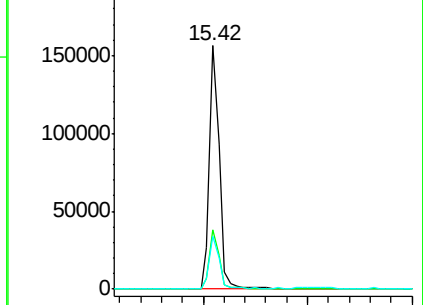
265 21.6 17.3 25.9

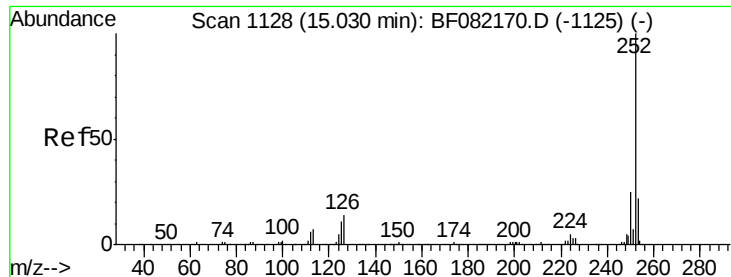


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 3.23 ng

RT: 15.02 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BF082487.D

Acq: 24 Oct 2015 1:41

Instrument :

BNA_F

ClientSampled :

NC-001

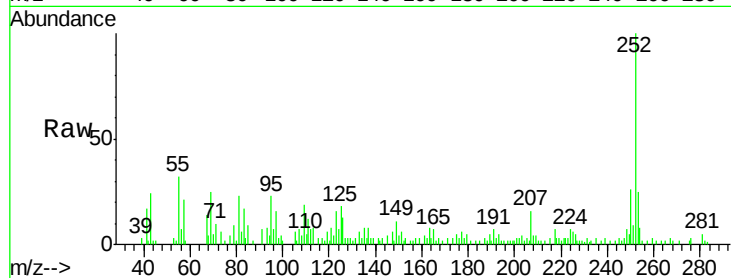
Tot Ion:252 Resp: 41021

Ion Ratio Lower Upper

252 100

253 24.6 18.0 27.0

125 18.2 8.6 12.8#

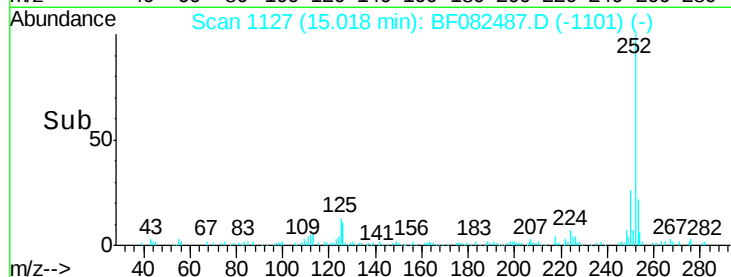


Abundance Ion 252.00 (251.70 to 252.70): E

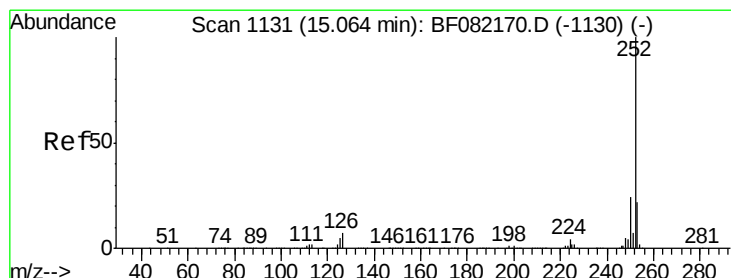
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time-->



Time-->



#88

Benzo(k)fluoranthene

Concen: 3.84 ng

RT: 15.02 min Scan# 1127

Delta R.T. -0.02 min

Lab File: BF082487.D

Acq: 24 Oct 2015 1:41

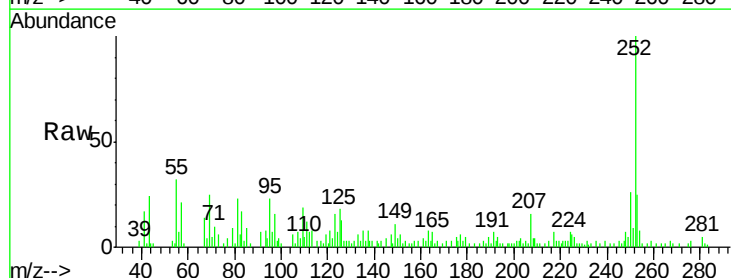
Tgt Ion:252 Resp: 41021

Ion Ratio Lower Upper

252 100

253 24.6 17.8 26.6

125 18.2 6.7 10.1#

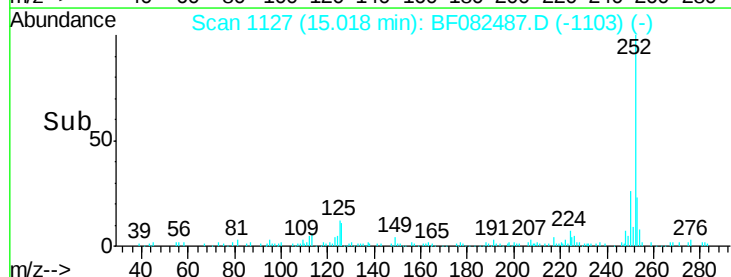


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time-->



Time-->