

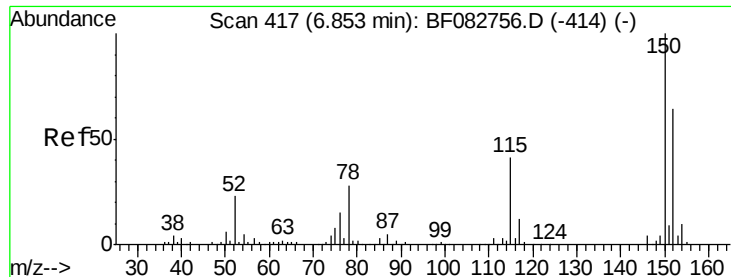
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
 Data File : BF082902.D
 Acq On : 13 Nov 2015 17:32
 Operator : UM/IZ
 Sample : G4362-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-14

Quant Time: Nov 13 22:23:21 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	202206	20.00	ng	-0.06
21) Naphthalene-d8	8.09	136	805127	20.00	ng	-0.06
38) Acenaphthene-d10	9.84	164	380059	20.00	ng	-0.06
63) Phenanthrene-d10	11.32	188	729775	20.00	ng	-0.06
75) Chrysene-d12	13.95	240	587011	20.00	ng	-0.07
86) Perylene-d12	15.37	264	479596	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	736449	56.67	ng	-0.05
7) Phenol-d6	6.43	99	741533	42.92	ng	-0.05
23) Nitrobenzene-d5	7.37	82	1506264	81.40	ng	-0.04
41) 2,4,6-Tribromophenol	10.62	330	308556	70.81	ng	-0.06
44) 2-Fluorobiphenyl	9.17	172	2329204	87.84	ng	-0.05
78) Terphenyl-d14	12.91	244	2118284	85.59	ng	-0.06
Target Compounds						
9) Benzaldehyde	6.57	77	25080	2.63	ng	Qvalue 87
19) n-Nitroso-di-n-propylamine	7.37	70	200119	15.76	ng	# 64
25) Isophorone	7.37	82	1395747	40.77	ng	# 69
56) 2,4-Dinitrotoluene	9.84	165	49030	5.44	ng	# 16
66) 4-Bromophenyl-phenylether	10.62	248	20555	2.34	ng	# 1

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.06 min

Lab File: BF082902.D

Acq: 13 Nov 2015 17:32

Instrument :

BNA_F

ClientSampleId :

TEC-14

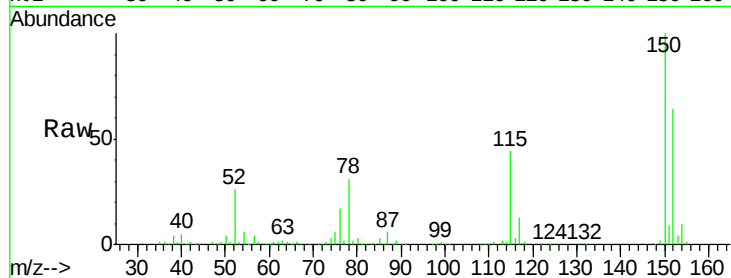
Tgt Ion:152 Resp: 202206

Ion Ratio Lower Upper

152 100

150 156.4 127.0 190.4

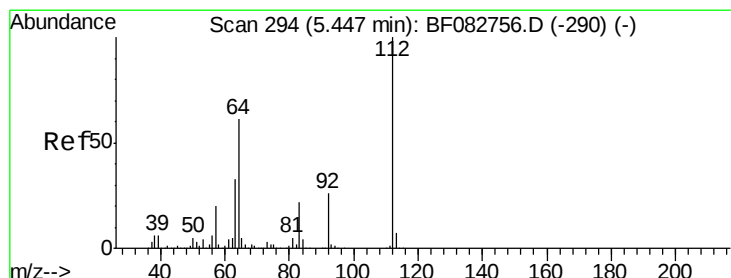
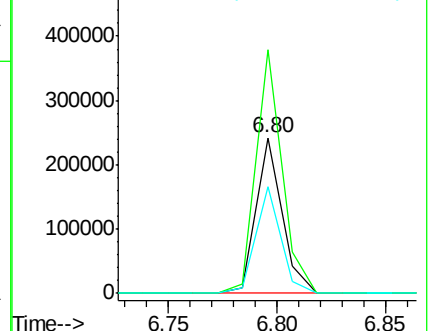
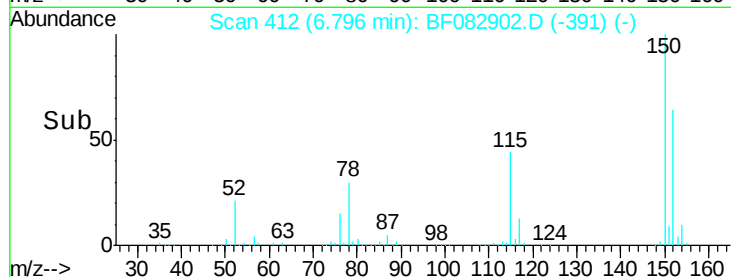
115 68.6 47.0 70.6



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: 56.67 ng

RT: 5.40 min Scan# 290

Delta R.T. -0.05 min

Lab File: BF082902.D

Acq: 13 Nov 2015 17:32

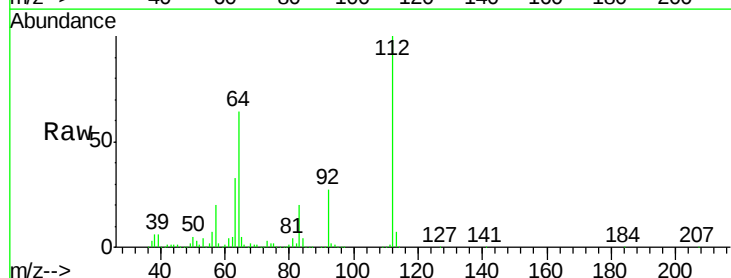
Tgt Ion:112 Resp: 736449

Ion Ratio Lower Upper

112 100

64 63.7 48.9 73.3

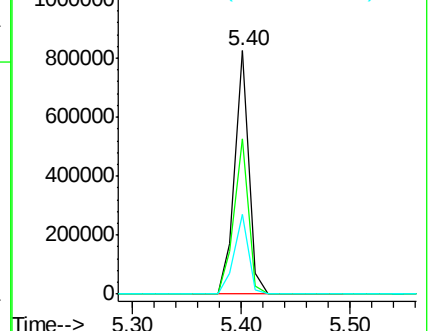
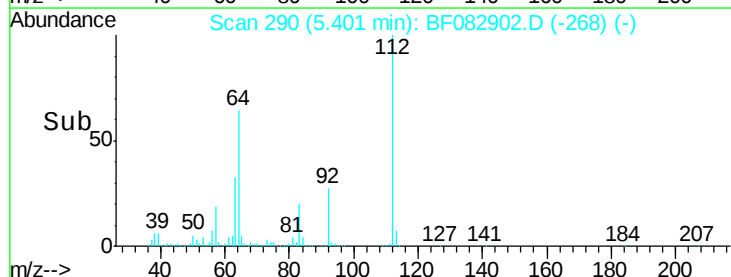
63 32.6 28.1 42.1



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: 42.92 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.05 min

Lab File: BF082902.D

Acq: 13 Nov 2015 17:32

Instrument :

BNA_F

ClientSampleId :

TEC-14

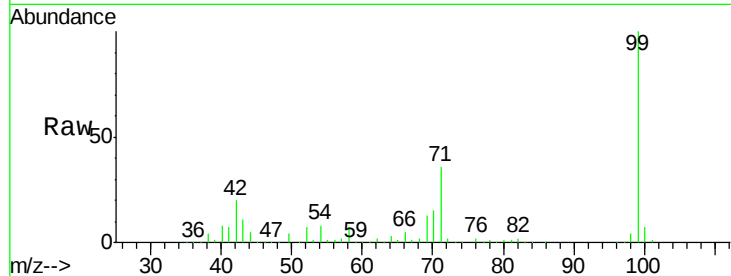
Tgt Ion: 99 Resp: 741533

Ion Ratio Lower Upper

99 100

42 20.5 19.2 28.8

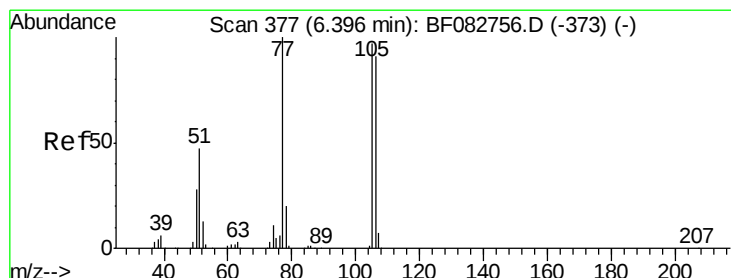
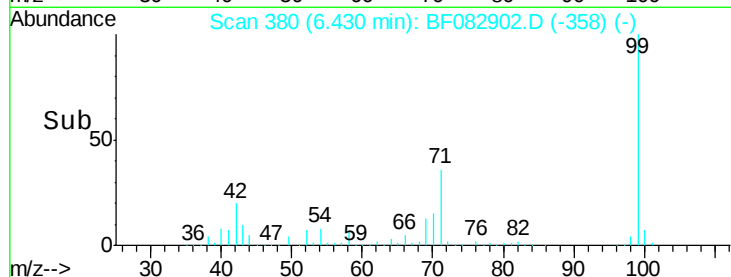
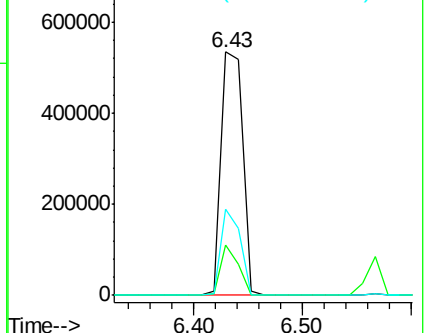
71 35.5 35.0 52.4



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



#9

Benzaldehyde

Concen: 2.63 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.17 min

Lab File: BF082902.D

Acq: 13 Nov 2015 17:32

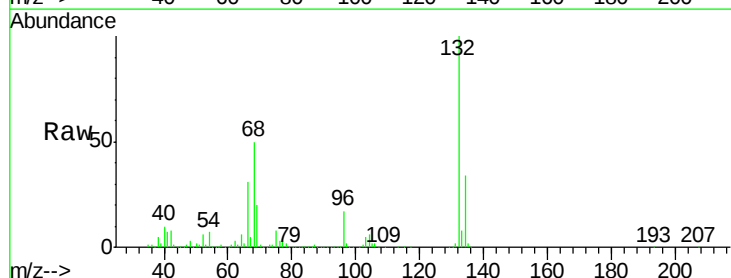
Tgt Ion: 77 Resp: 25080

Ion Ratio Lower Upper

77 100

105 74.3 63.5 103.5

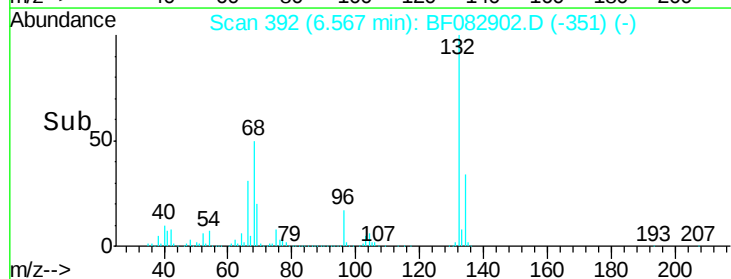
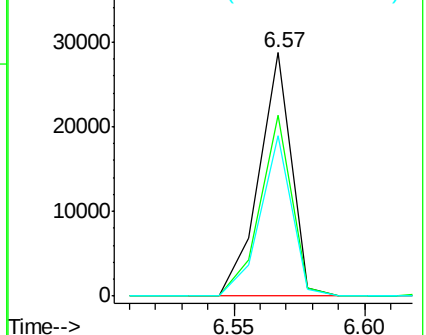
106 66.0 59.3 99.3



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

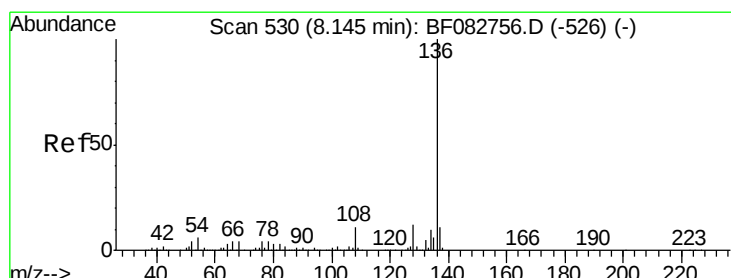
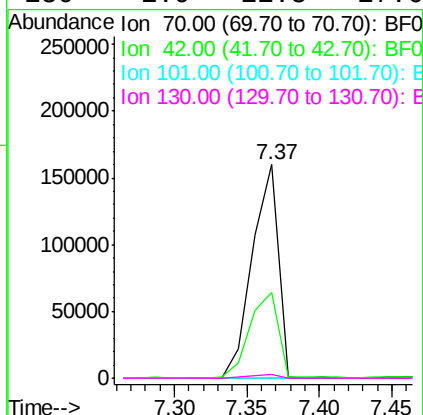
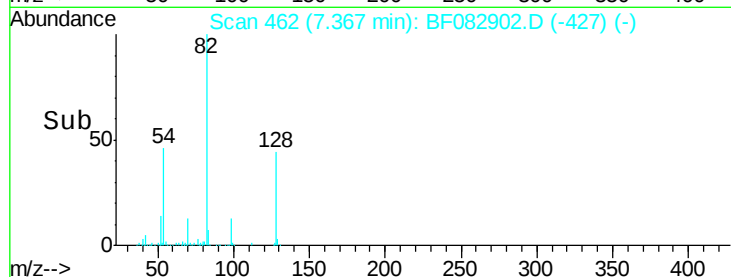
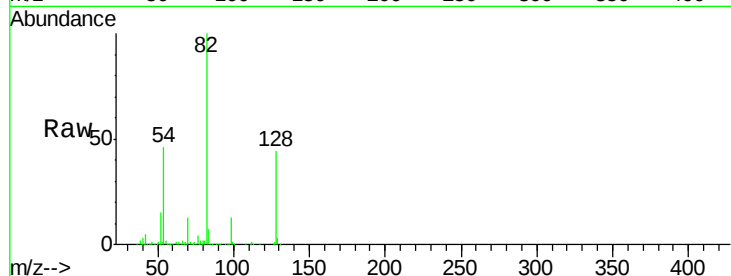




#19
n-Nitroso-di-n-propylamine
Concen: 15.76 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.10 min
Lab File: BF082902.D
Acq: 13 Nov 2015 17:32

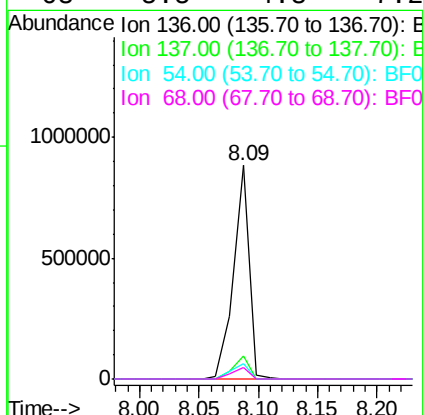
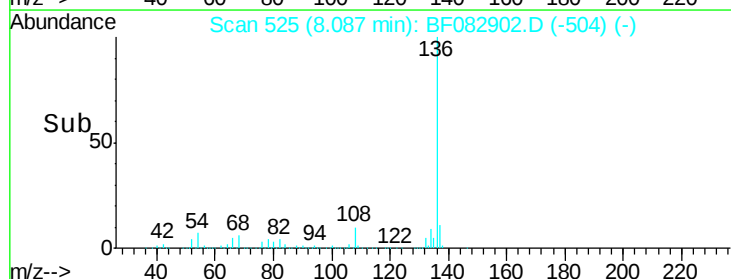
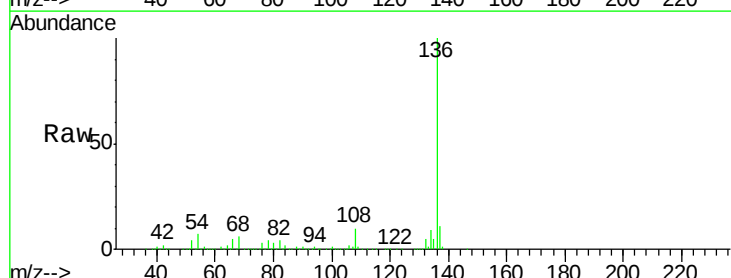
Instrument :
BNA_F
ClientSampled :
TEC-14

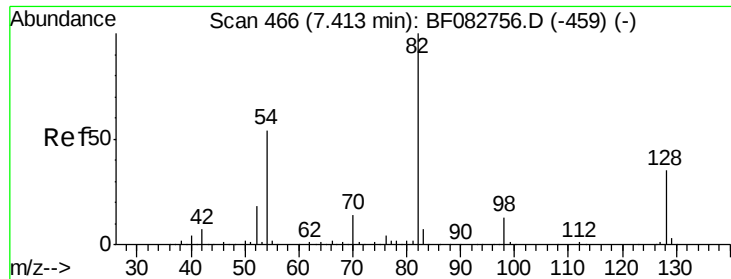
Tgt Ion:	70	Resp:	200119
Ion	Ratio	Lower	Upper
70	100		
42	39.9	57.7	86.5#
101	0.0	7.0	10.6#
130	1.9	11.8	17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF082902.D
Acq: 13 Nov 2015 17:32

Tgt Ion:	136	Resp:	805127
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	7.5	9.1	13.7#
68	5.5	4.8	7.2

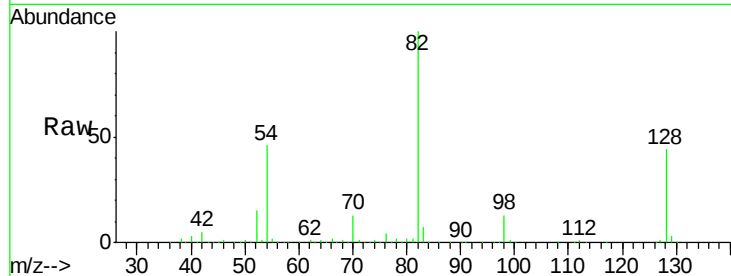




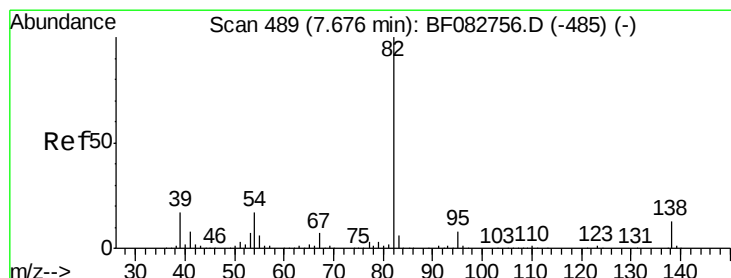
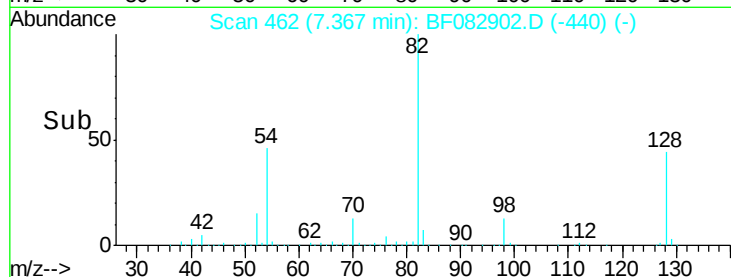
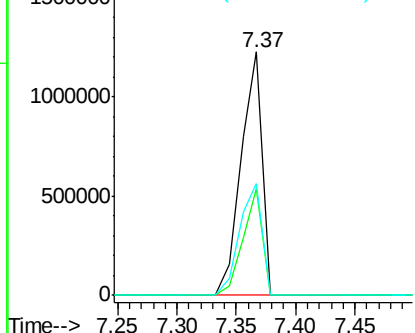
#23
 Nitrobenzene-d5
 Concen: 81.40 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.04 min
 Lab File: BF082902.D
 Acq: 13 Nov 2015 17:32

Instrument :
 BNA_F
 ClientSampleId :
 TEC-14

Tgt Ion: 82 Resp: 1506264
 Ion Ratio Lower Upper
 82 100
 128 43.8 26.8 40.2#
 54 45.7 45.7 68.5

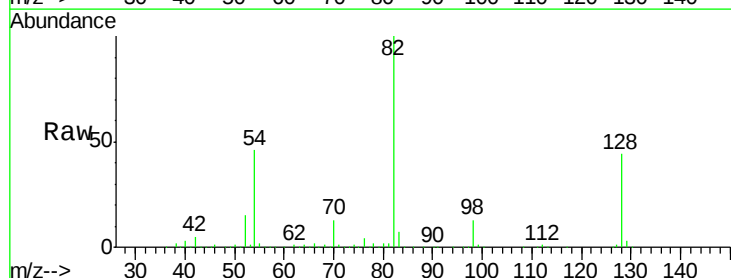


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

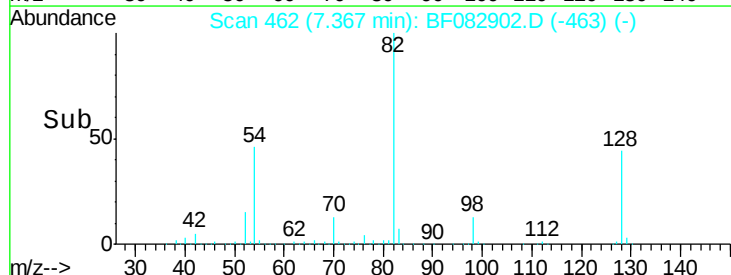
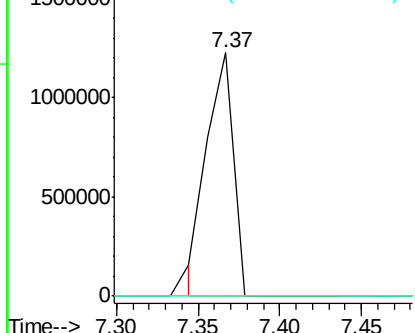


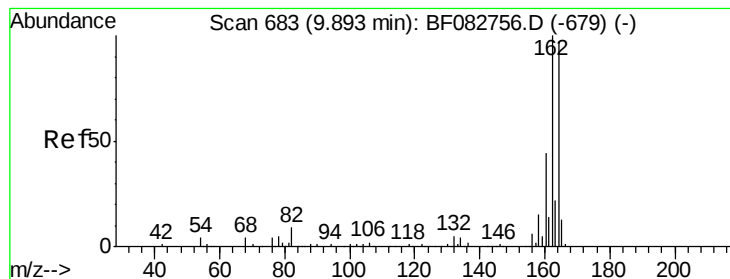
#25
 Isophorone
 Concen: 40.77 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.31 min
 Lab File: BF082902.D
 Acq: 13 Nov 2015 17:32

Tgt Ion: 82 Resp: 1395747
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.6 9.8#
 138 0.0 11.4 17.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.06 min

Lab File: BF082902.D

Acq: 13 Nov 2015 17:32

Instrument :

BNA_F

ClientSampleId :

TEC-14

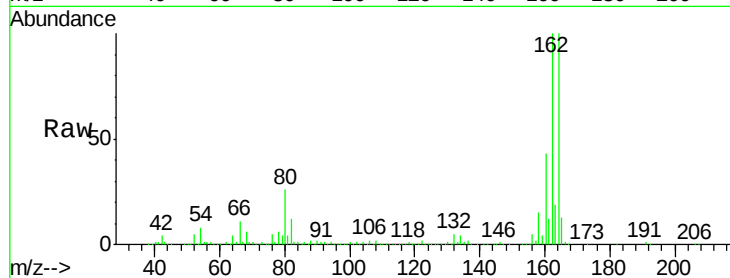
Tgt Ion:164 Resp: 380059

Ion Ratio Lower Upper

164 100

162 100.3 84.9 127.3

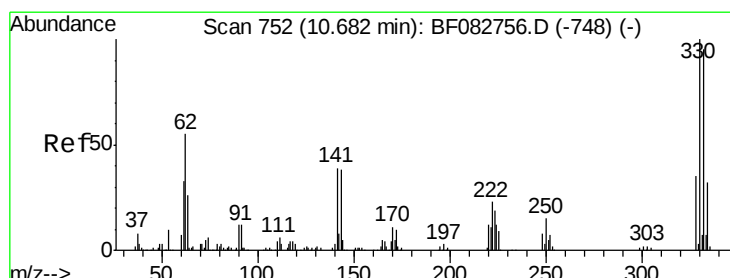
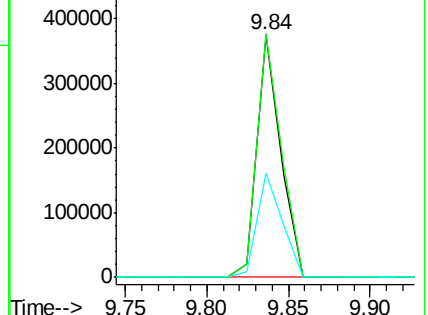
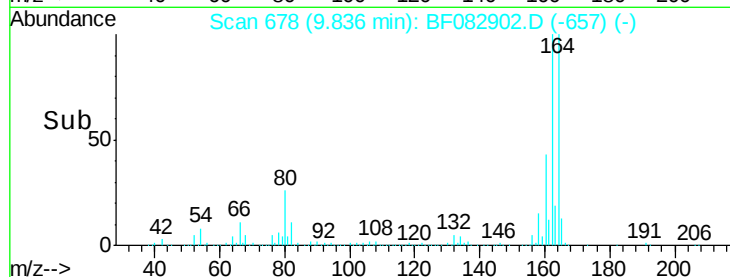
160 42.7 37.5 56.3



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: 70.81 ng

RT: 10.62 min Scan# 747

Delta R.T. -0.06 min

Lab File: BF082902.D

Acq: 13 Nov 2015 17:32

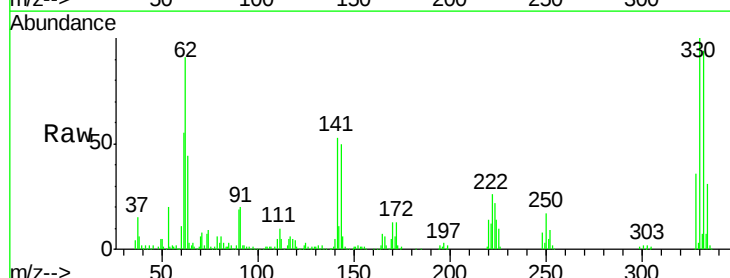
Tgt Ion:330 Resp: 308556

Ion Ratio Lower Upper

330 100

332 97.4 76.6 114.8

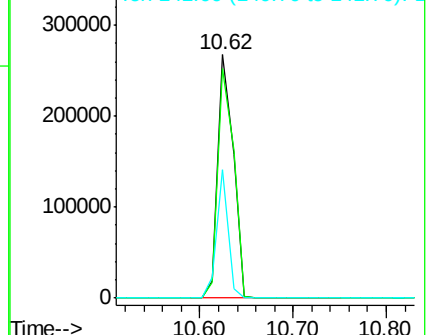
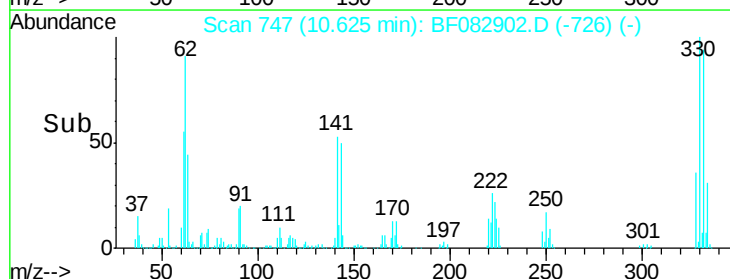
141 39.4 41.2 61.8#

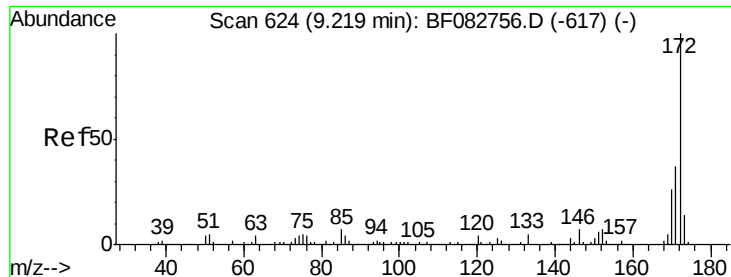


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

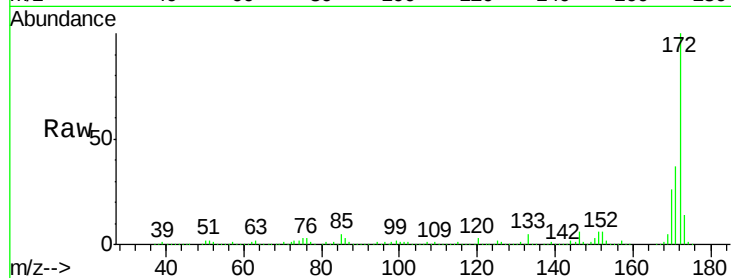




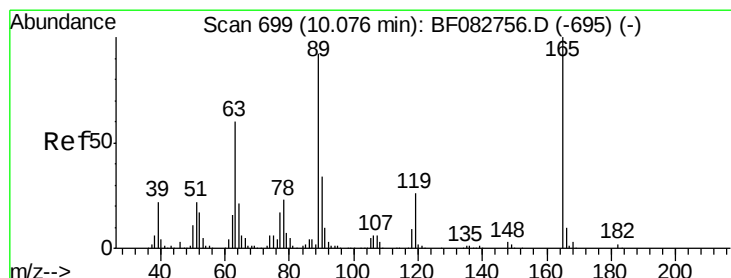
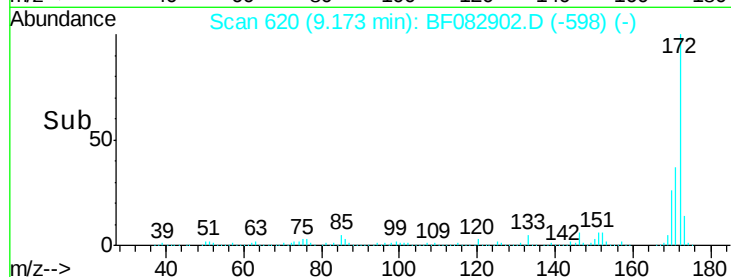
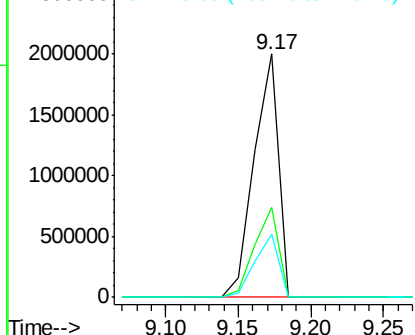
#44
 2-Fluorobiphenyl
 Concen: 87.84 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF082902.D
 Acq: 13 Nov 2015 17:32

Instrument :
 BNA_F
 ClientSampled :
 TEC-14

Tgt Ion:172 Resp: 2329204
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.8 46.2
 170 25.9 21.2 31.8

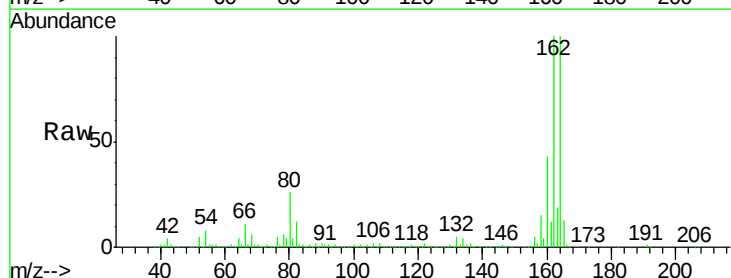


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

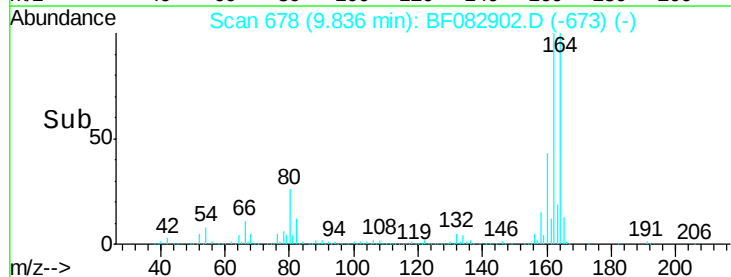
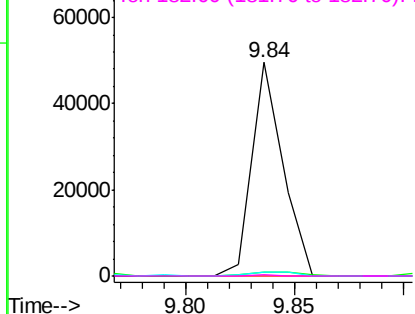


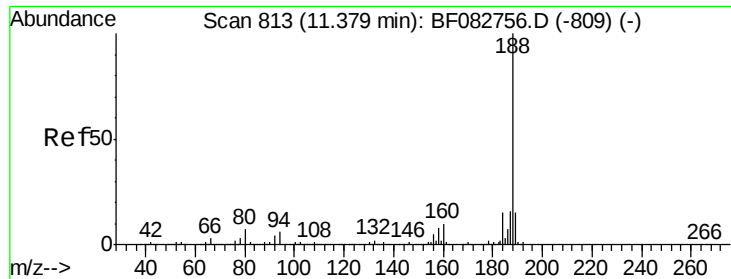
#56
 2,4-Dinitrotoluene
 Concen: 5.44 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.24 min
 Lab File: BF082902.D
 Acq: 13 Nov 2015 17:32

Tgt Ion:165 Resp: 49030
 Ion Ratio Lower Upper
 165 100
 63 1.7 43.4 65.0#
 89 1.6 70.6 106.0#
 182 0.6 1.5 2.3#



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

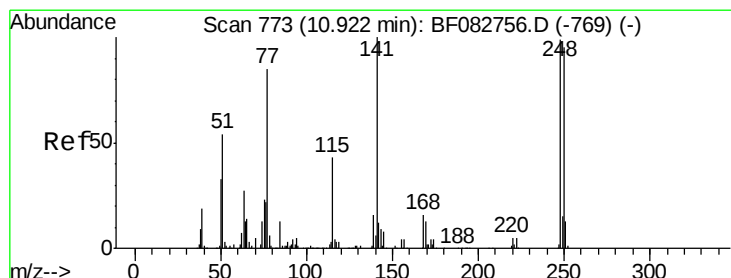
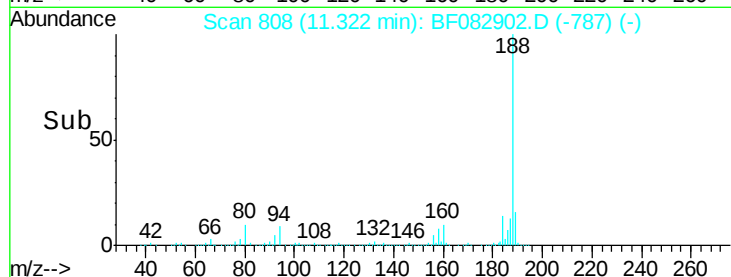
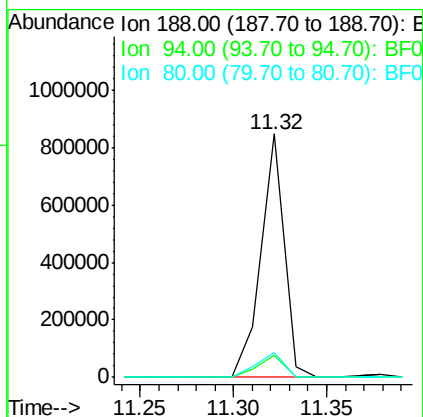
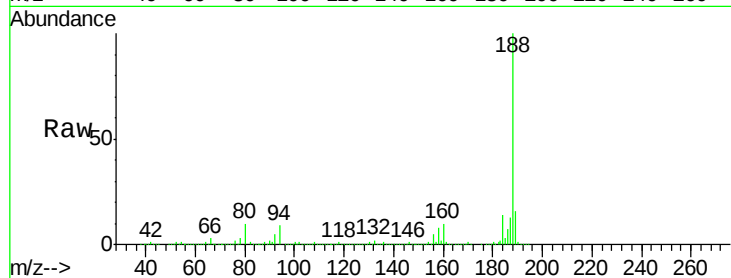




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.06 min
Lab File: BF082902.D
Acq: 13 Nov 2015 17:32

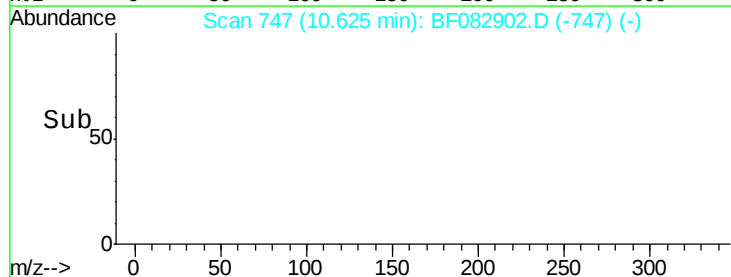
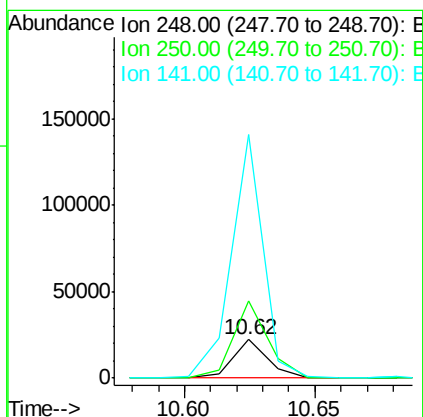
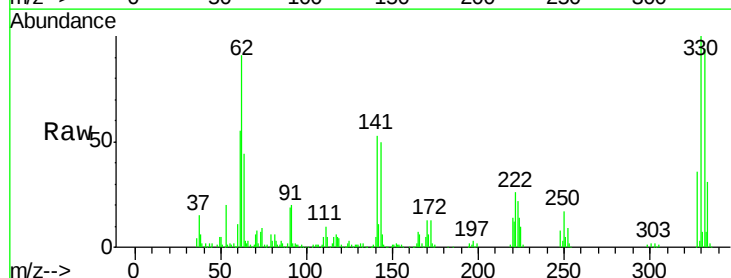
Instrument :
BNA_F
ClientSampleId :
TEC-14

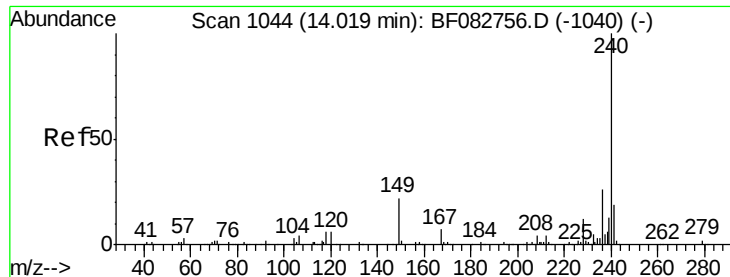
Tgt Ion:188 Resp: 729775
Ion Ratio Lower Upper
188 100
94 9.0 6.1 9.1
80 9.9 7.0 10.6



#66
4-Bromophenyl-phenylether
Concen: 2.34 ng
RT: 10.62 min Scan# 747
Delta R.T. -0.30 min
Lab File: BF082902.D
Acq: 13 Nov 2015 17:32

Tgt Ion:248 Resp: 20555
Ion Ratio Lower Upper
248 100
250 200.1 79.4 119.2#
141 635.2 36.3 54.5#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.07 min

Lab File: BF082902.D

Acq: 13 Nov 2015 17:32

Instrument :

BNA_F

ClientSampleId :

TEC-14

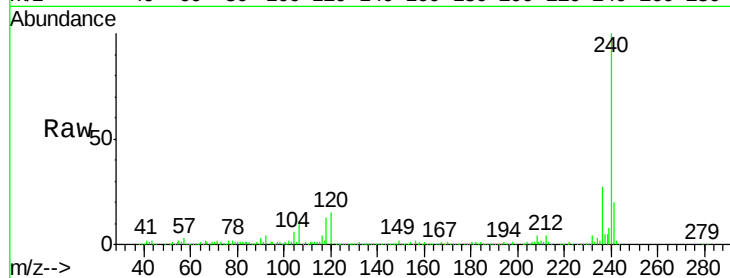
Tgt Ion:240 Resp: 587011

Ion Ratio Lower Upper

240 100

120 14.9 10.9 16.3

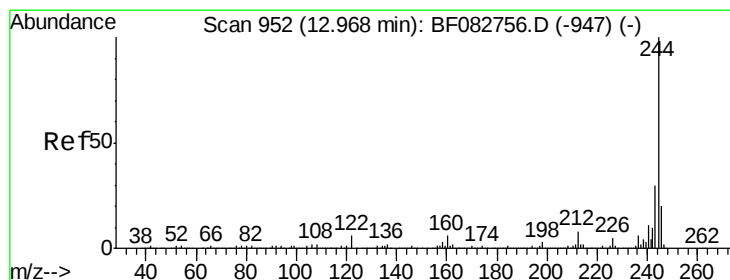
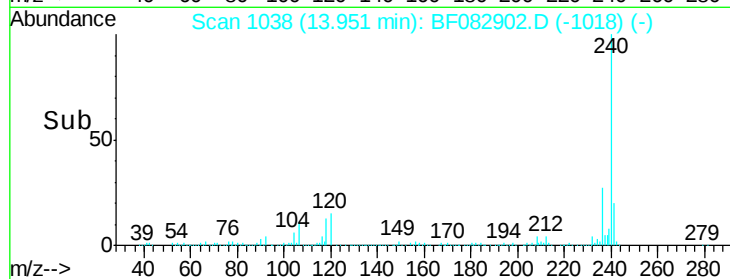
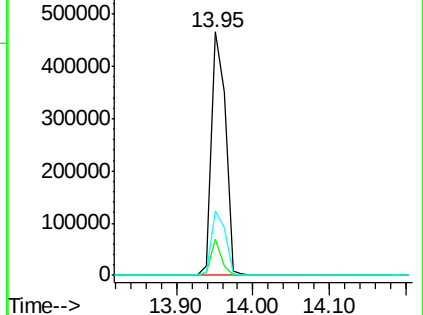
236 26.5 21.6 32.4



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: 85.59 ng

RT: 12.91 min Scan# 947

Delta R.T. -0.06 min

Lab File: BF082902.D

Acq: 13 Nov 2015 17:32

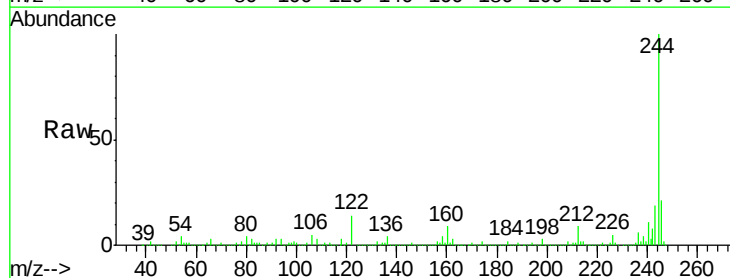
Tgt Ion:244 Resp: 2118284

Ion Ratio Lower Upper

244 100

212 8.6 7.6 11.4

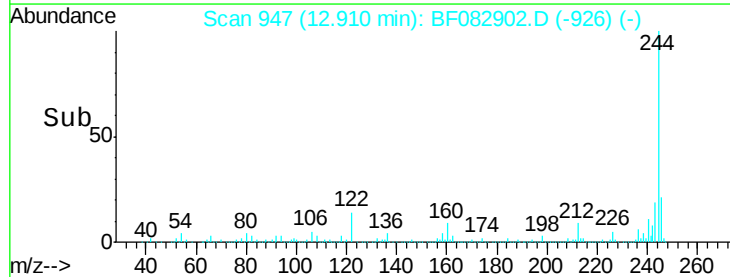
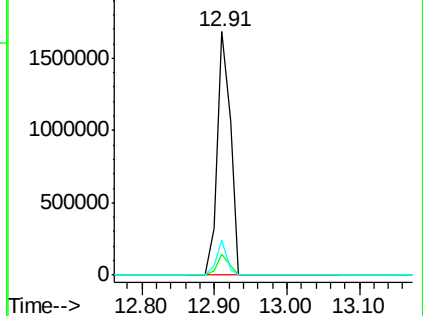
122 14.3 11.3 16.9

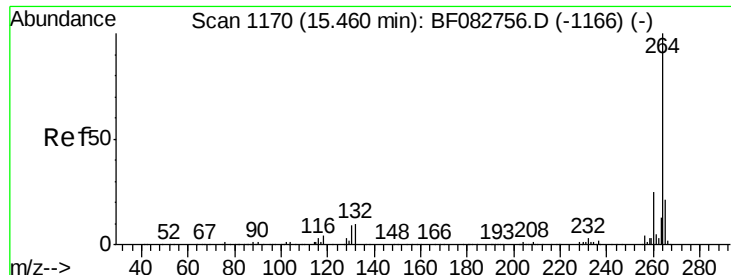


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

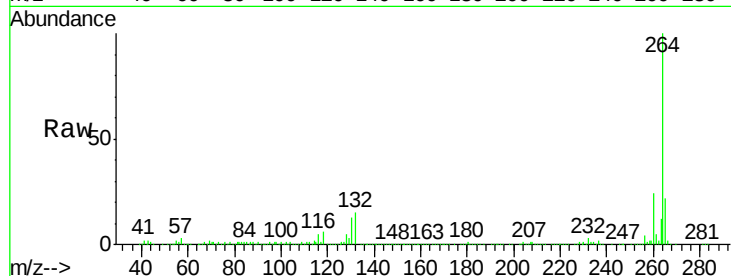




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.09 min
Lab File: BF082902.D
Acq: 13 Nov 2015 17:32

Instrument :
BNA_F
ClientSampleId :
TEC-14

Tgt Ion: 264 Resp: 479596
Ion Ratio Lower Upper
264 100
260 24.4 19.8 29.6
265 22.3 17.4 26.0



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

