

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
 Data File : BF082288.D
 Acq On : 14 Oct 2015 19:39
 Operator : UM/IZ
 Sample : G4015-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LF-7

Quant Time: Oct 15 01:49:17 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 15 01:42:16 2015
 Response via : Initial Calibration

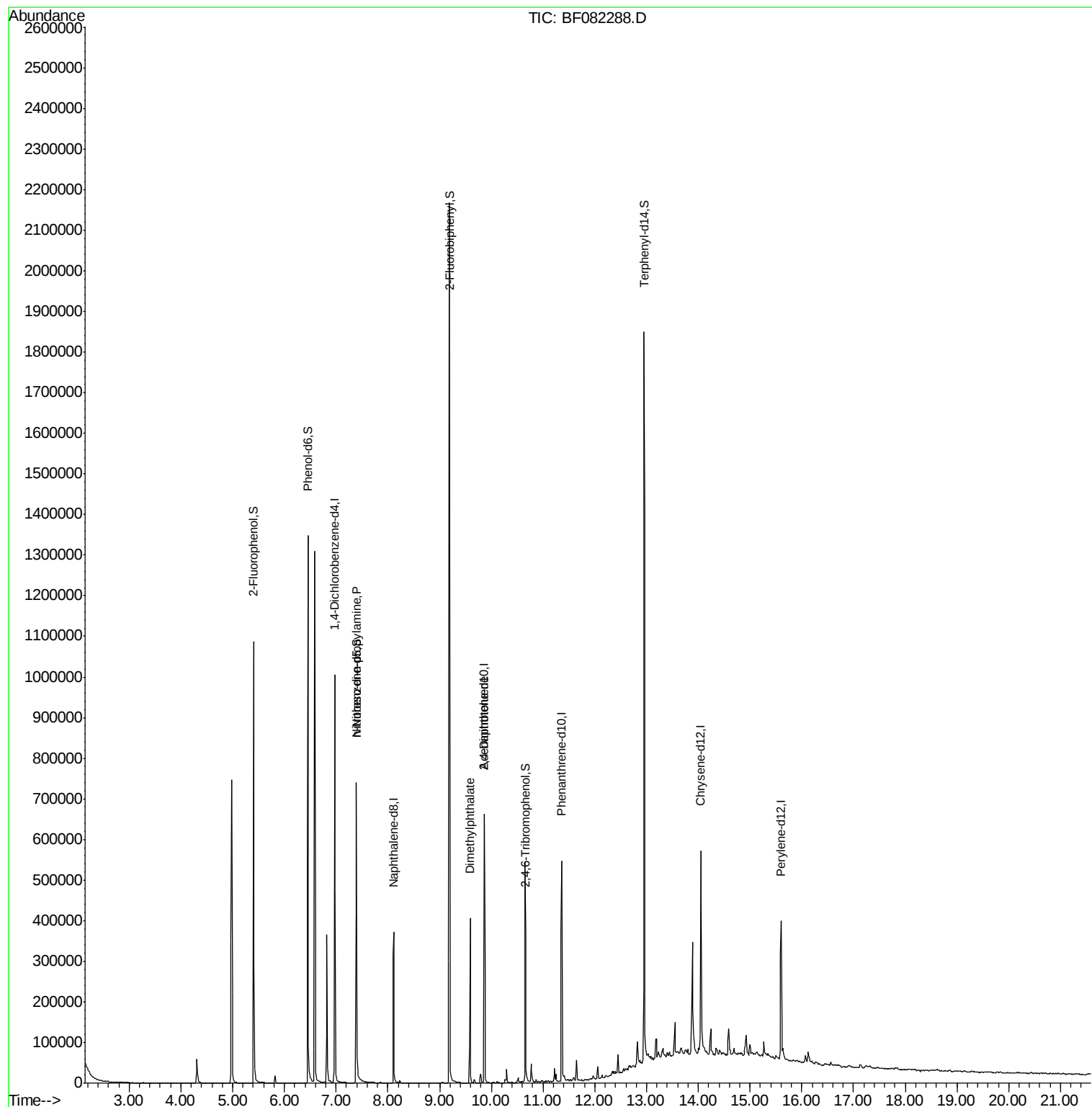
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	190603	20.00	ng	0.15
21) Naphthalene-d8	8.11	136	269117	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	148114	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	301871	20.00	ng	0.00
75) Chrysene-d12	14.05	240	276392	20.00	ng	-0.08
86) Perylene-d12	15.60	264	198011	20.00	ng	-0.14
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	311237	32.96	ng	0.00
7) Phenol-d6	6.46	99	533875	43.44	ng	-0.01
23) Nitrobenzene-d5	7.39	82	327812	81.80	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	92970	66.93	ng	-0.01
44) 2-Fluorobiphenyl	9.19	172	690353	77.30	ng	-0.01
78) Terphenyl-d14	12.95	244	848626	81.36	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	40180	4.66	ng	# 77
49) Dimethylphthalate	9.59	163	179778	17.24	ng	98
56) 2,4-Dinitrotoluene	9.86	165	18424	6.70	ng	# 21

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

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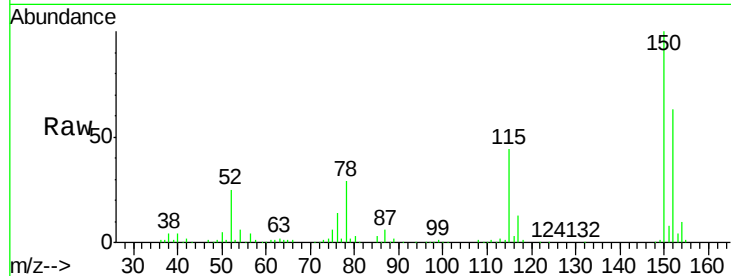


#1

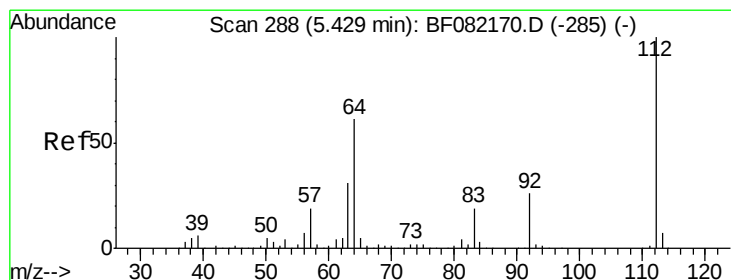
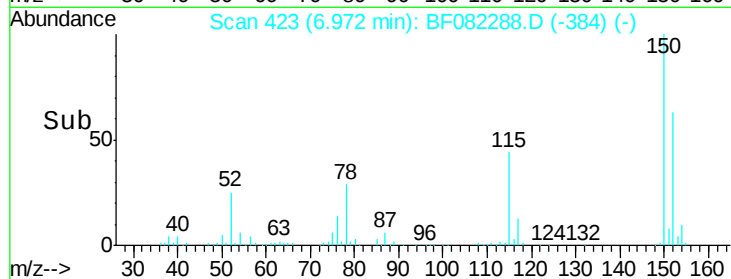
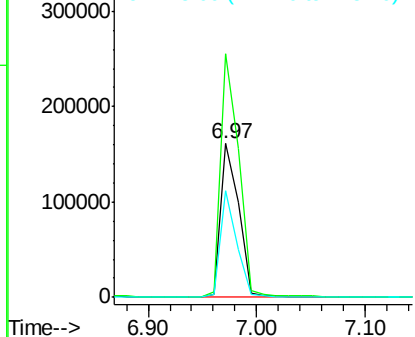
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 423
Delta R.T. 0.15 min
Lab File: BF082288.D
Acq: 14 Oct 2015 19:39

Instrument :
BNA_F
ClientSampleId :
LF-7

Tot Ion:152 Resp: 190603
Ion Ratio Lower Upper
152 100
150 158.3 129.0 193.4
115 69.3 52.1 78.1



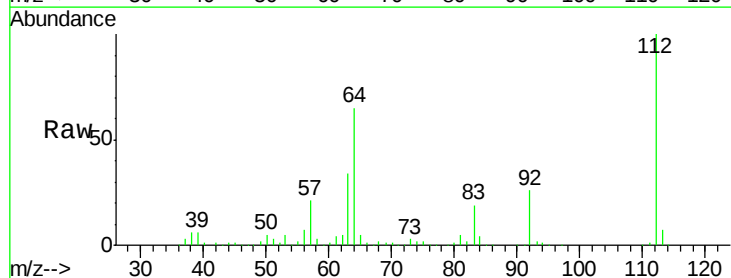
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



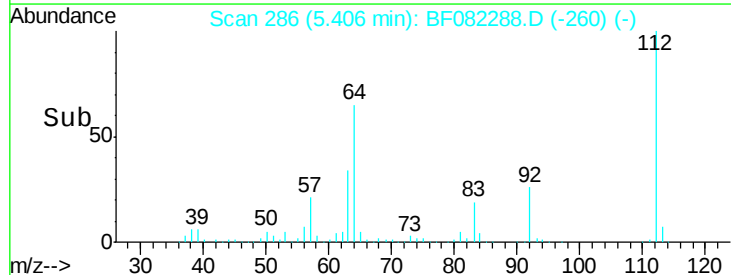
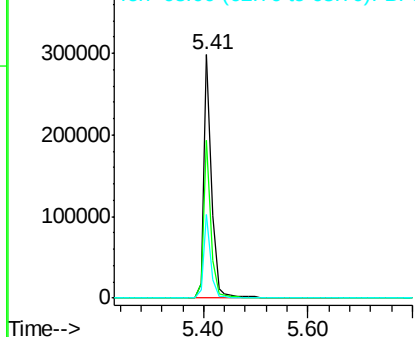
#5

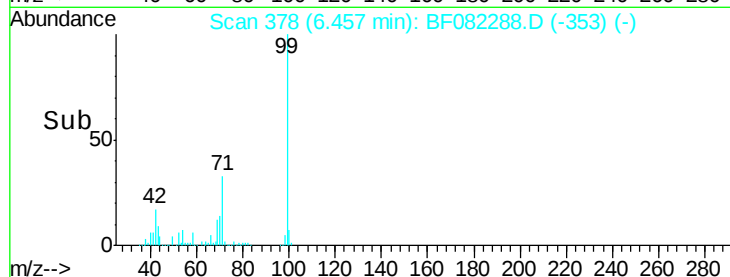
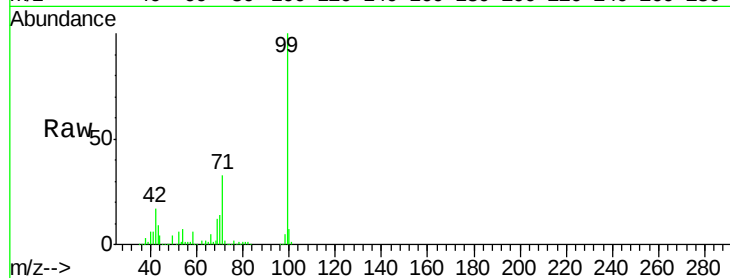
2-Fluorophenol
Concen: 32.96 ng
RT: 5.41 min Scan# 286
Delta R.T. 0.00 min
Lab File: BF082288.D
Acq: 14 Oct 2015 19:39

Tgt Ion:112 Resp: 311237
Ion Ratio Lower Upper
112 100
64 64.9 48.6 73.0
63 34.5 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: 43.44 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082288.D

Acq: 14 Oct 2015 19:39

Instrument :

BNA_F

ClientSampleId :

LF-7

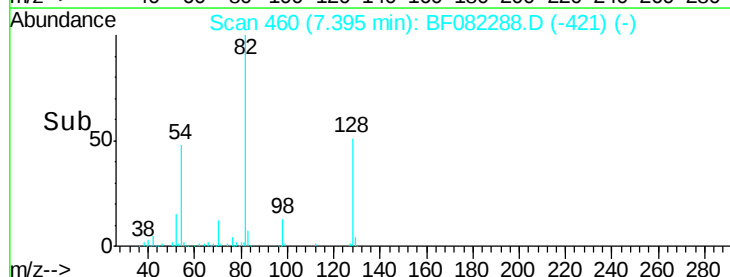
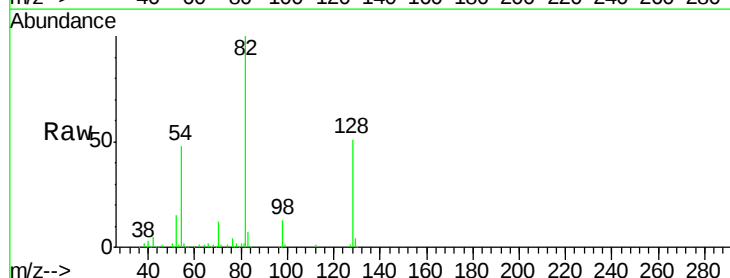
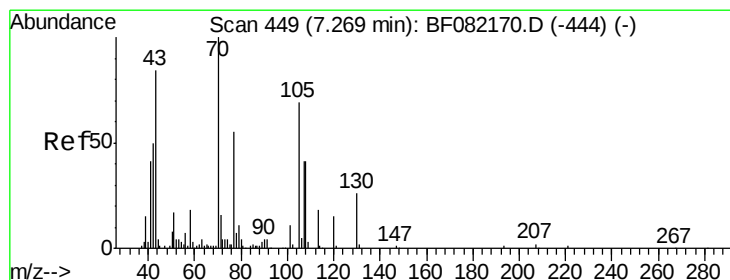
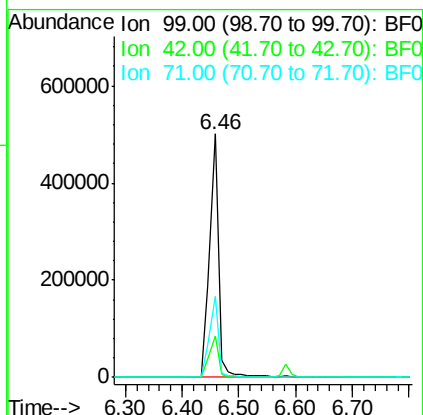
Tot Ion: 99 Resp: 533875

Ion Ratio Lower Upper

99 100

42 16.8 13.2 19.8

71 33.5 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 4.66 ng

RT: 7.39 min Scan# 460

Delta R.T. 0.15 min

Lab File: BF082288.D

Acq: 14 Oct 2015 19:39

Tgt Ion: 70 Resp: 40180

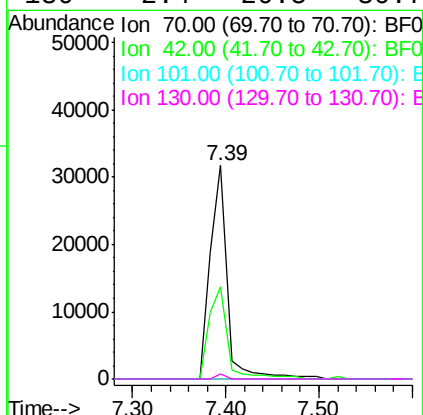
Ion Ratio Lower Upper

70 100

42 43.0 39.8 59.8

101 0.0 8.6 13.0#

130 2.4 20.5 30.7#

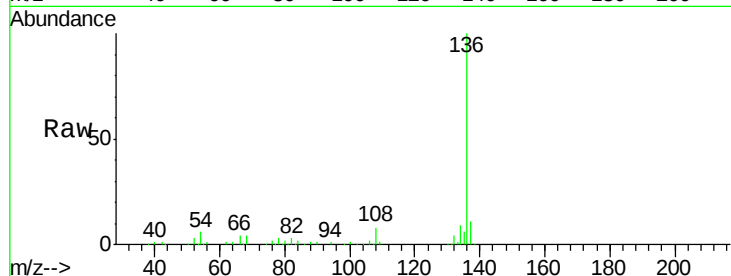




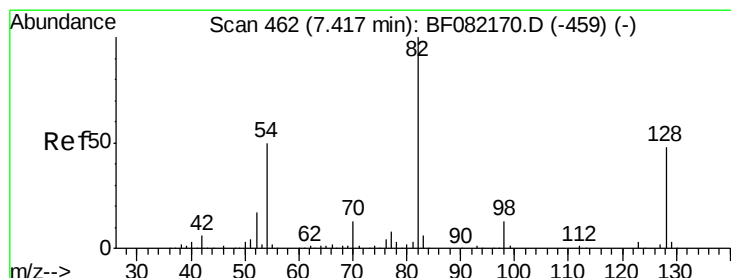
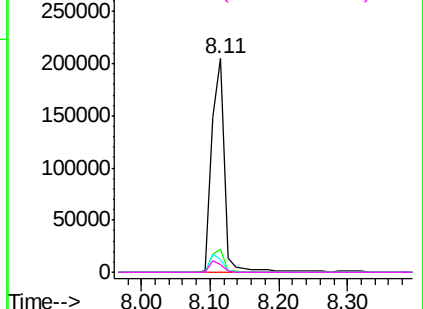
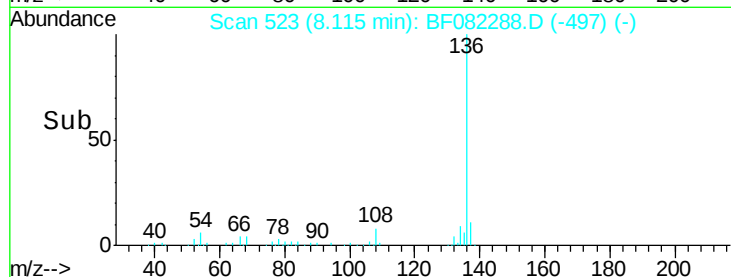
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF082288.D
Acq: 14 Oct 2015 19:39

Instrument :
BNA_F
ClientSampleId :
LF-7

Tot Ion:136	Resp:	269117
Ion Ratio	Lower	Upper
136	100	
137	10.6	9.0 13.6
54	5.9	7.5 11.3#
68	3.8	4.6 7.0#

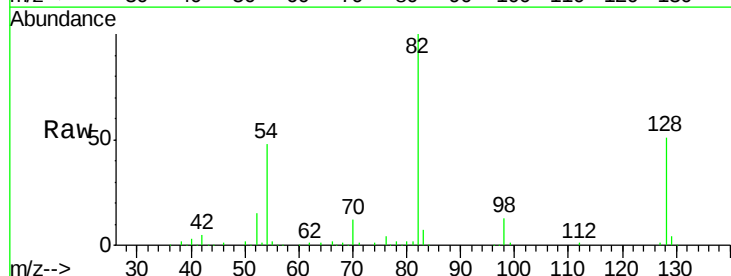


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

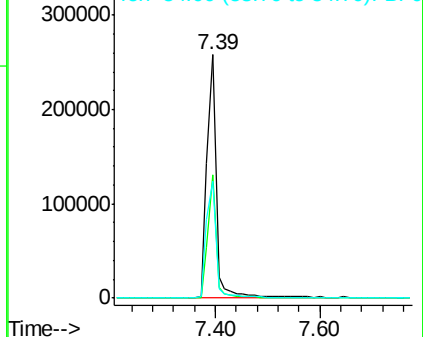
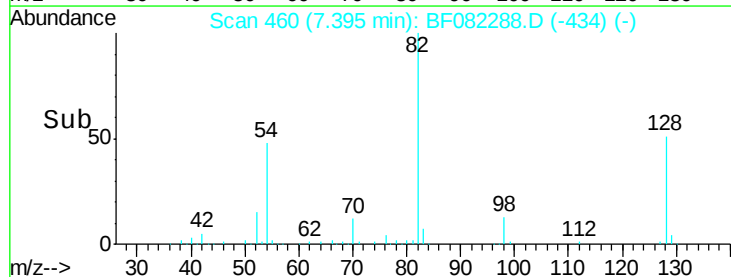


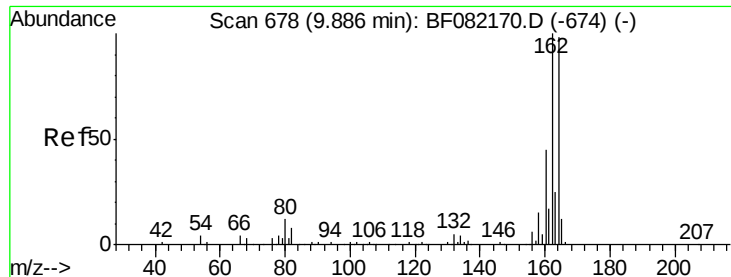
#23
Nitrobenzene-d5
Concen: 81.80 ng
RT: 7.39 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF082288.D
Acq: 14 Oct 2015 19:39

Tgt Ion: 82	Resp:	327812
Ion Ratio	Lower	Upper
82	100	
128	50.5	38.7 58.1
54	47.8	40.1 60.1



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF082288.D

Acq: 14 Oct 2015 19:39

Instrument :

BNA_F

ClientSampleId :

LF-7

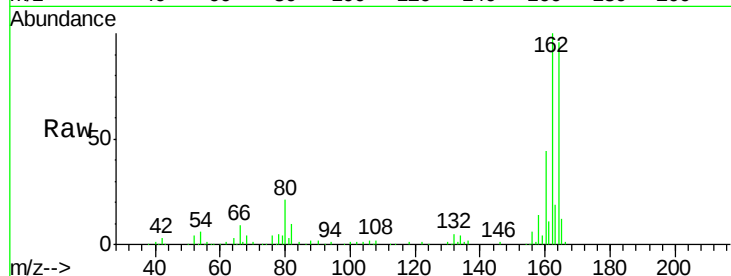
Tot Ion:164 Resp: 148114

Ion Ratio Lower Upper

164 100

162 104.7 81.6 122.4

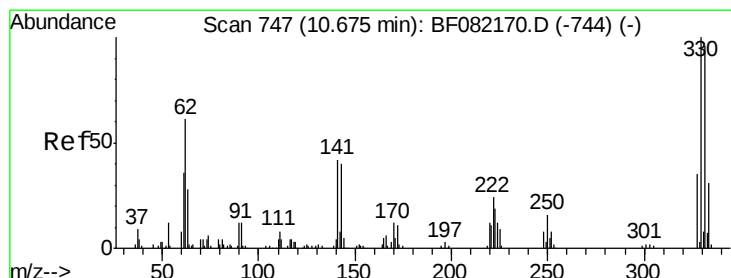
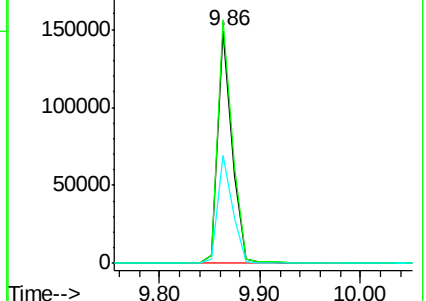
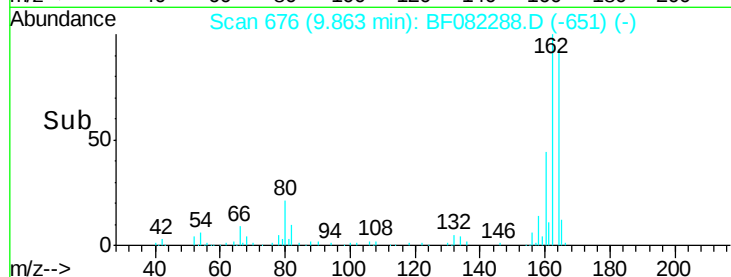
160 46.2 36.4 54.6



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: 66.93 ng

RT: 10.66 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF082288.D

Acq: 14 Oct 2015 19:39

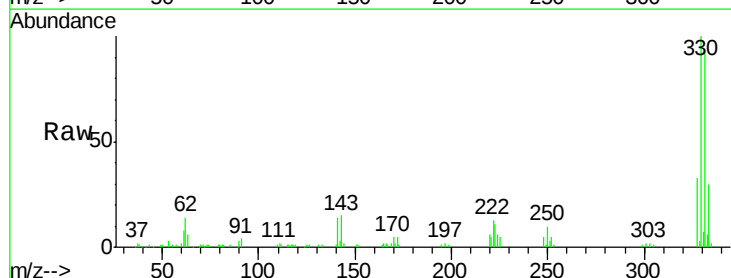
Tgt Ion:330 Resp: 92970

Ion Ratio Lower Upper

330 100

332 96.3 77.1 115.7

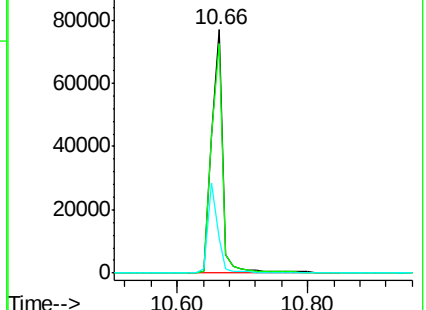
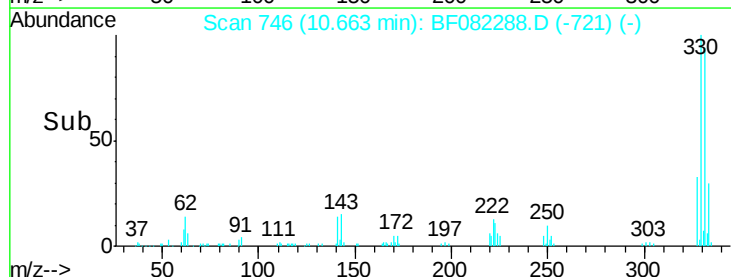
141 32.5 29.8 44.8

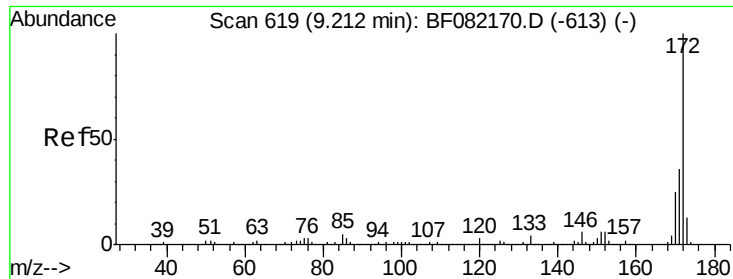


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



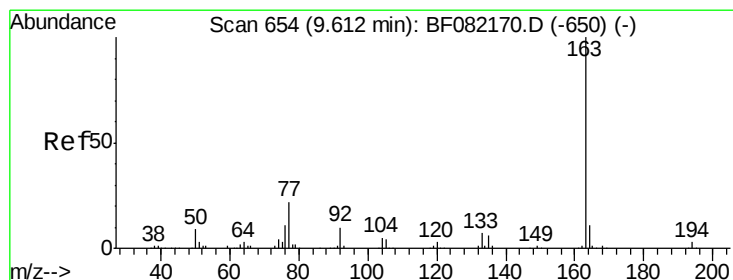
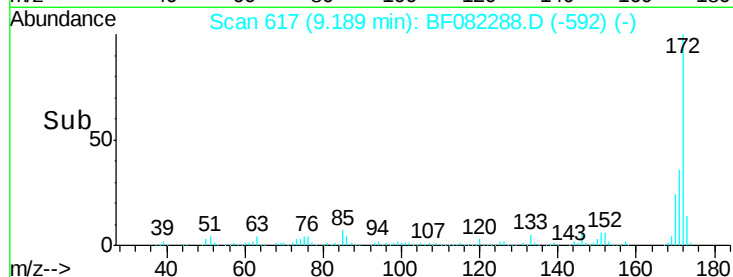
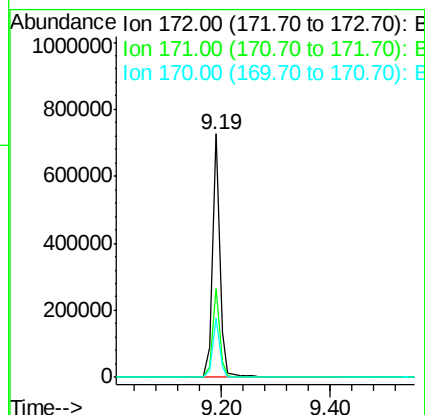
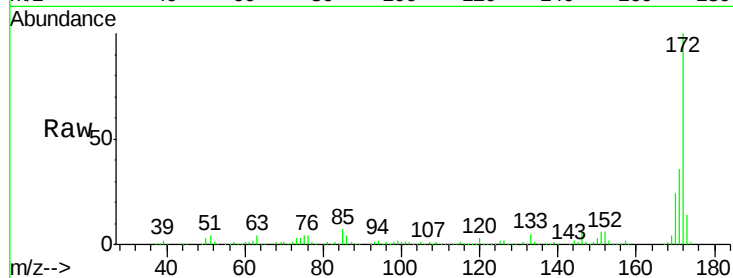


#44
 2-Fluorobiphenyl
 Concen: 77.30 ng
 RT: 9.19 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF082288.D
 Acq: 14 Oct 2015 19:39

Instrument :
 BNA_F
 ClientSampleId :
 LF-7

Tot Ion:172 Resp: 690353

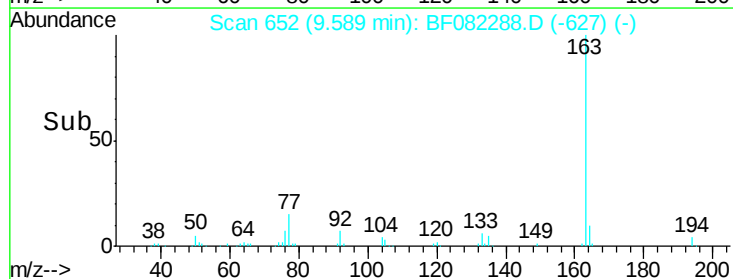
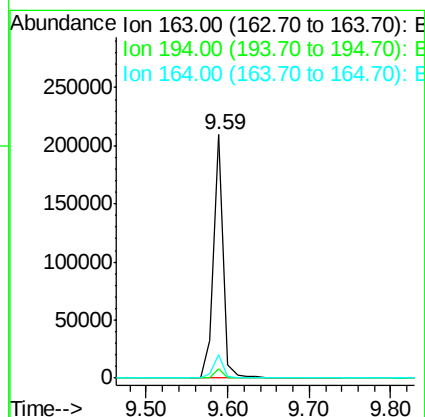
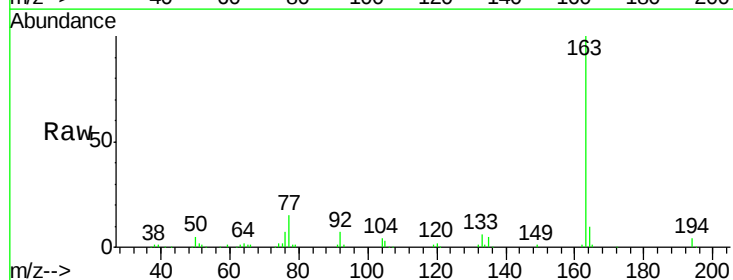
Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	42.8
170	24.3	19.7	29.5

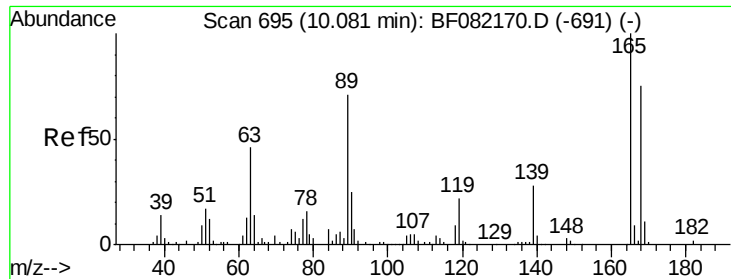


#49
 Dimethylphthalate
 Concen: 17.24 ng
 RT: 9.59 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF082288.D
 Acq: 14 Oct 2015 19:39

Tgt Ion:163 Resp: 179778

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	9.8	8.5	12.7

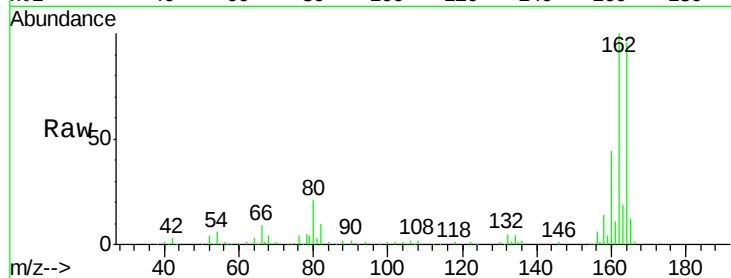




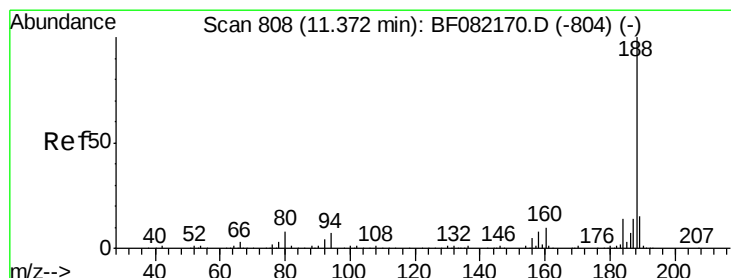
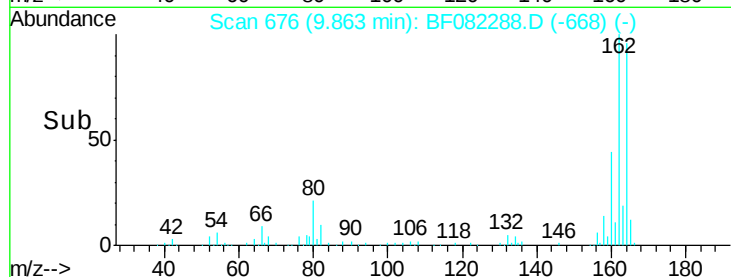
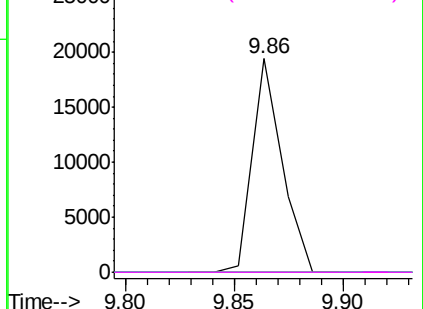
#56
2,4-Dinitrotoluene
Concen: 6.70 ng
RT: 9.86 min Scan# 676
Delta R.T. -0.21 min
Lab File: BF082288.D
Acq: 14 Oct 2015 19:39

Instrument :
BNA_F
ClientSampleId :
LF-7

Tot Ion:165	Resp:	18424
Ion Ratio	Lower	Upper
165	100	
63	0.0	38.6 58.0#
89	0.0	57.0 85.6#
182	0.0	1.8 2.6#

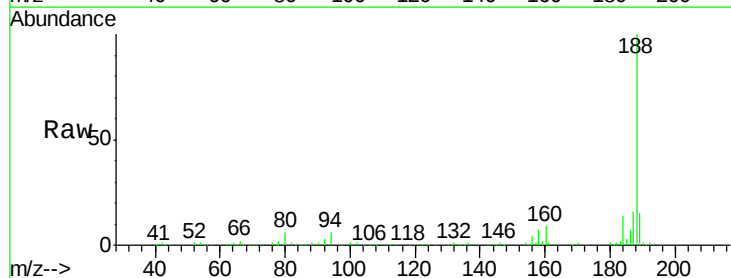


Abundance Ion 165.00 (164.70 to 165.70): E

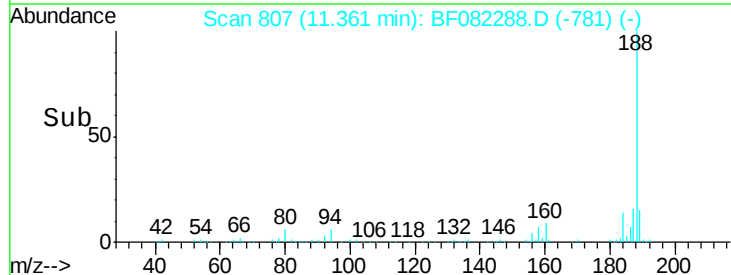
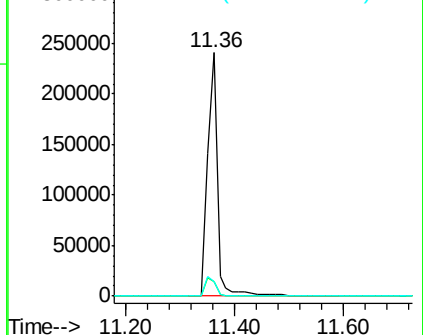


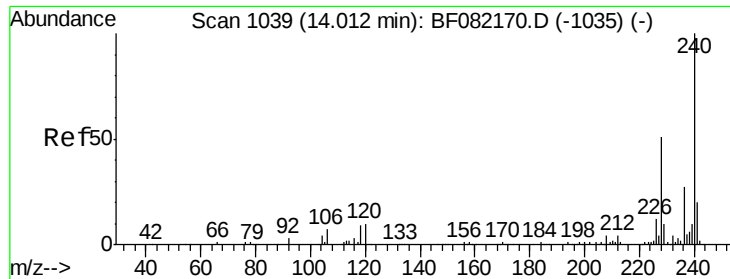
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF082288.D
Acq: 14 Oct 2015 19:39

Tgt Ion:188	Resp:	301871
Ion Ratio	Lower	Upper
188	100	
94	5.8	5.8 8.6
80	6.0	6.4 9.6#



Abundance Ion 188.00 (187.70 to 188.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1042

Delta R.T. -0.08 min

Lab File: BF082288.D

Acq: 14 Oct 2015 19:39

Instrument :

BNA_F

ClientSampleId :

LF-7

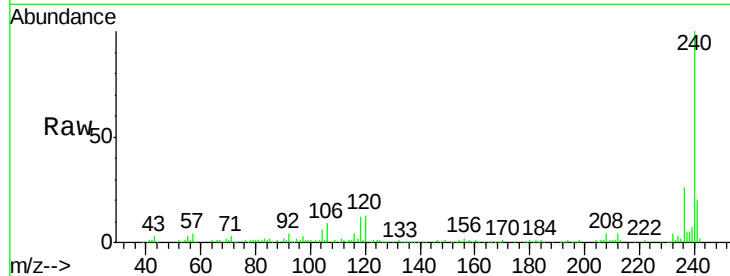
Tot Ion:240 Resp: 276392

Ion Ratio Lower Upper

240 100

120 13.0 8.1 12.1#

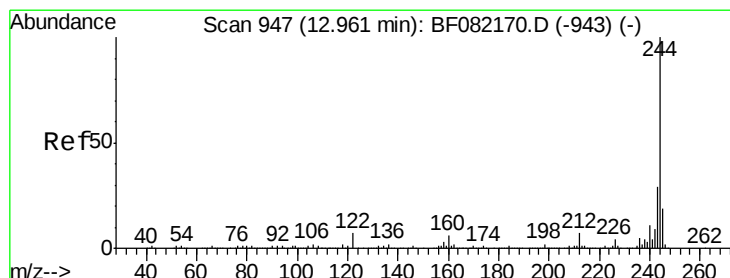
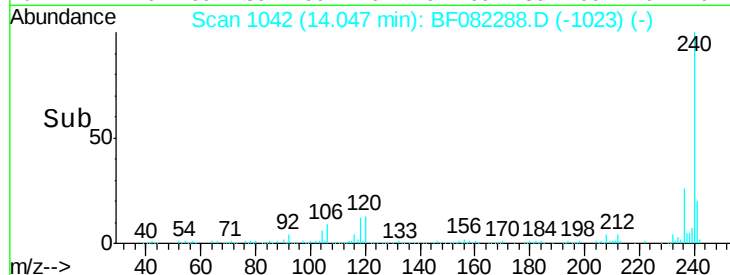
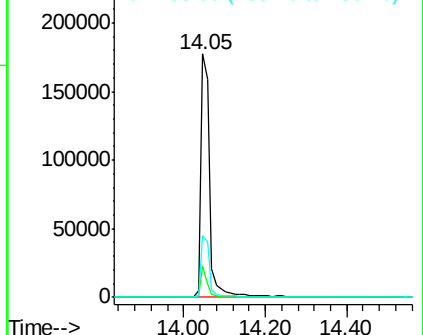
236 25.6 21.3 31.9



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: 81.36 ng

RT: 12.95 min Scan# 946

Delta R.T. -0.03 min

Lab File: BF082288.D

Acq: 14 Oct 2015 19:39

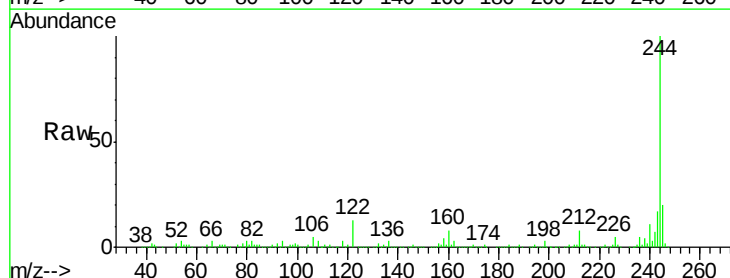
Tgt Ion:244 Resp: 848626

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.6

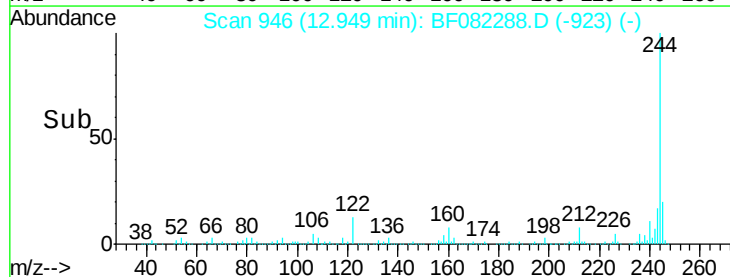
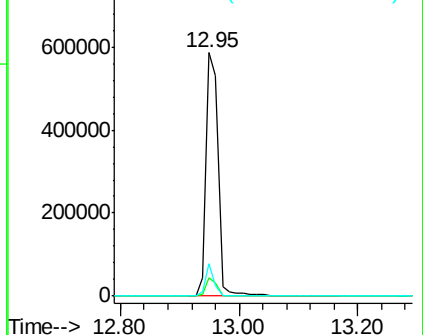
122 13.2 5.9 8.9#

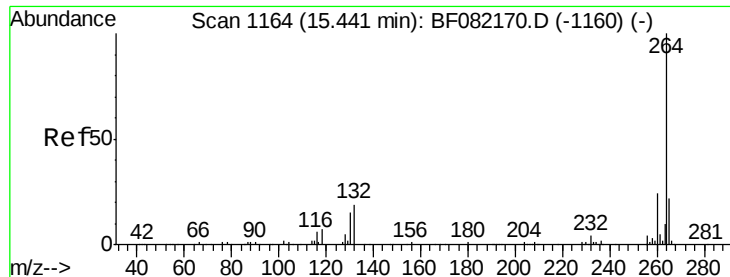


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

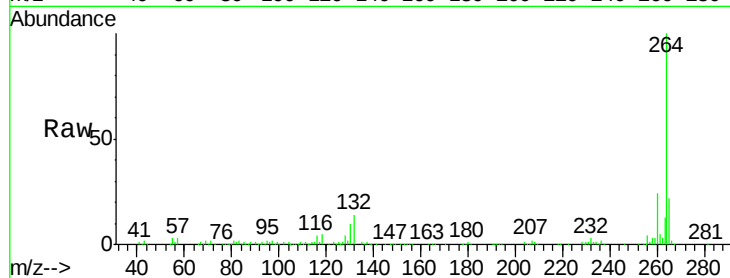




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.60 min Scan# 1178
 Delta R.T. -0.14 min
 Lab File: BF082288.D
 Acq: 14 Oct 2015 19:39

Instrument :
 BNA_F
 ClientSampleId :
 LF-7

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	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

