

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
 Data File : BF082282.D
 Acq On : 14 Oct 2015 16:33
 Operator : UM/IZ
 Sample : G4015-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LF-3

Quant Time: Oct 15 01:47:00 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

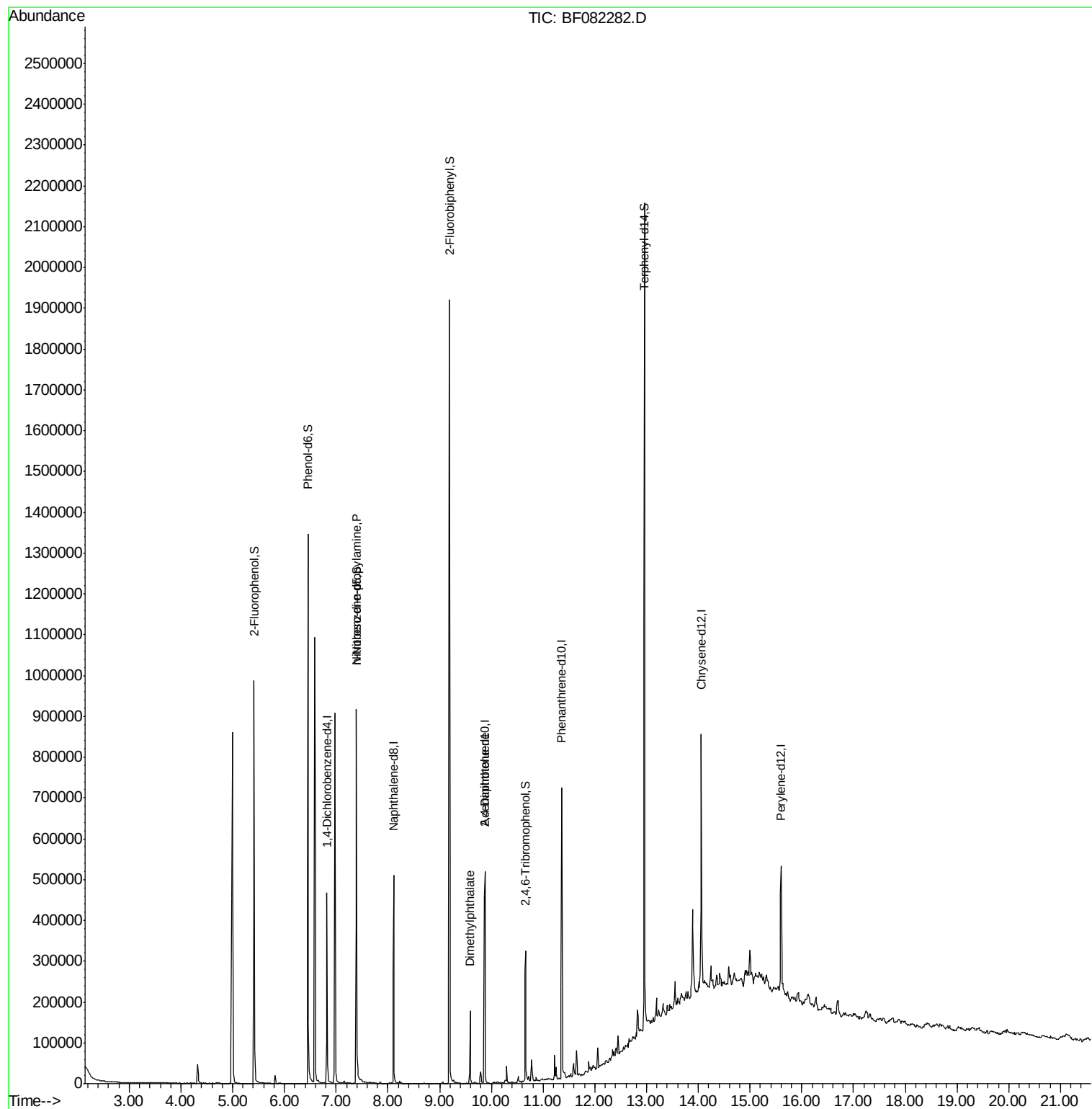
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	79378	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	306312	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	154998	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	314939	20.00	ng	0.00
75) Chrysene-d12	14.06	240	263704	20.00	ng	-0.07
86) Perylene-d12	15.60	264	185886	20.00	ng	-0.14
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	313463	79.70	ng	0.01
7) Phenol-d6	6.46	99	499917	97.67	ng	-0.01
23) Nitrobenzene-d5	7.39	82	362843	79.55	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	59804	41.14	ng	-0.01
44) 2-Fluorobiphenyl	9.19	172	678634	72.61	ng	-0.01
78) Terphenyl-d14	12.96	244	791079	79.49	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	46150	12.84	ng	# 78
49) Dimethylphthalate	9.59	163	74898	6.86	ng	98
56) 2,4-Dinitrotoluene	9.87	165	19776	6.87	ng	# 21

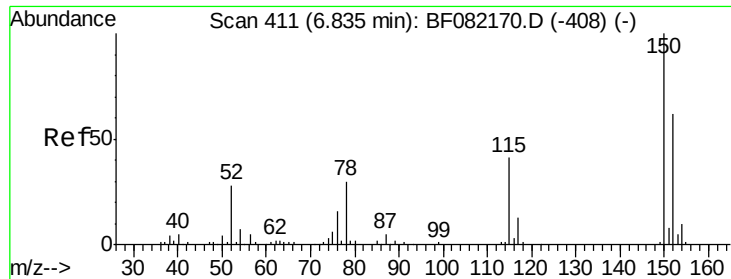
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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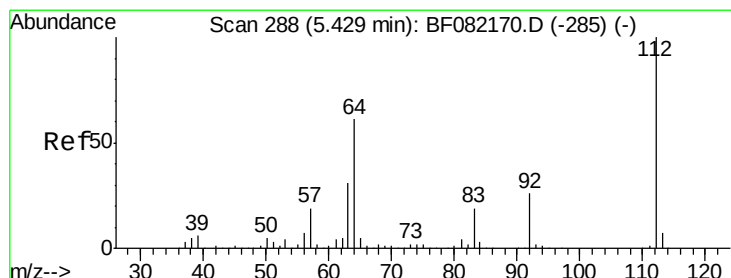
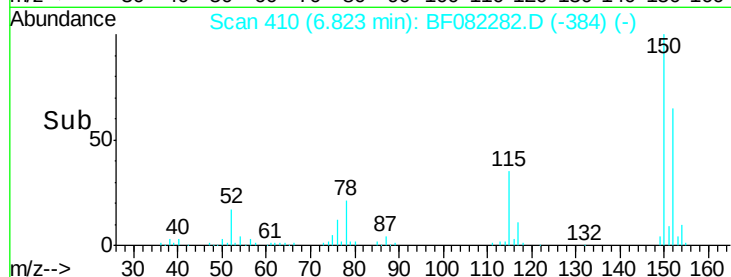
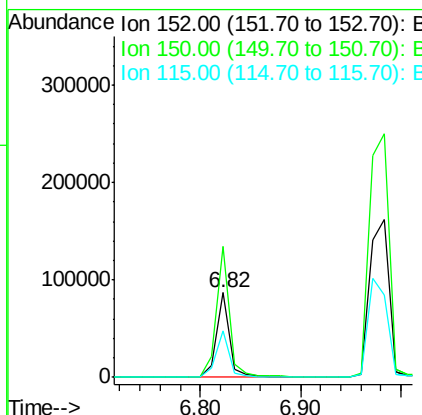
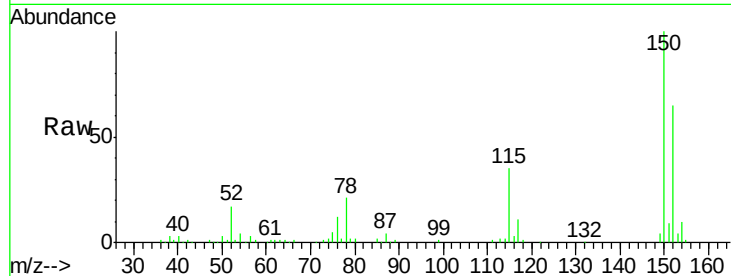


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF082282.D
Acq: 14 Oct 2015 16:33

Instrument :
BNA_F
ClientSampleId :
LF-3

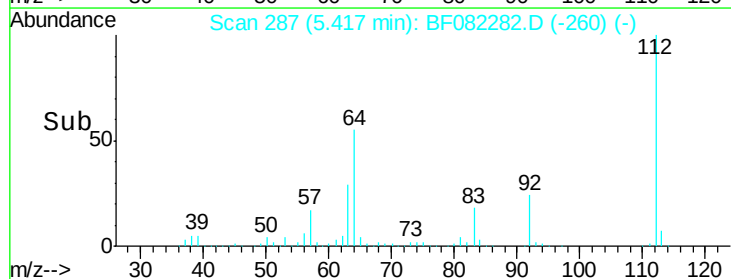
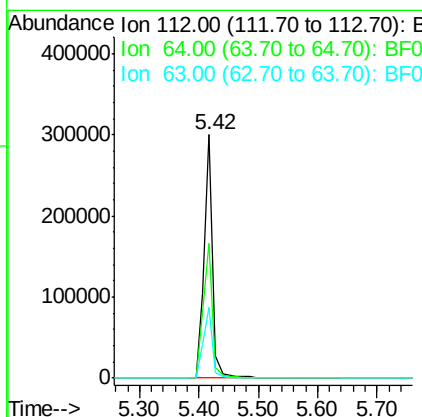
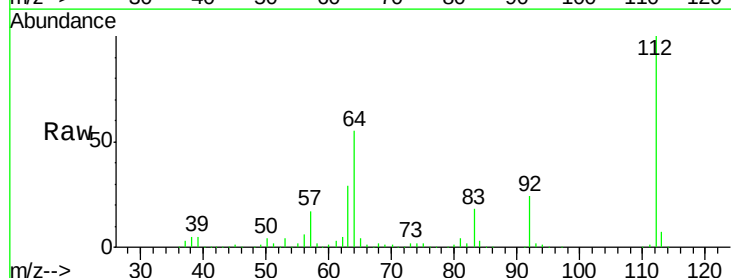
Tot Ion:152 Resp: 79378
Ion Ratio Lower Upper
152 100
150 154.8 129.0 193.4
115 54.1 52.1 78.1

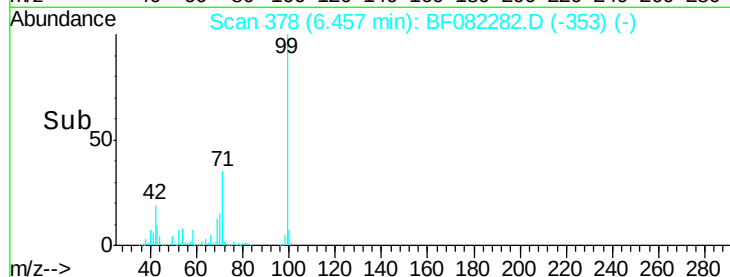
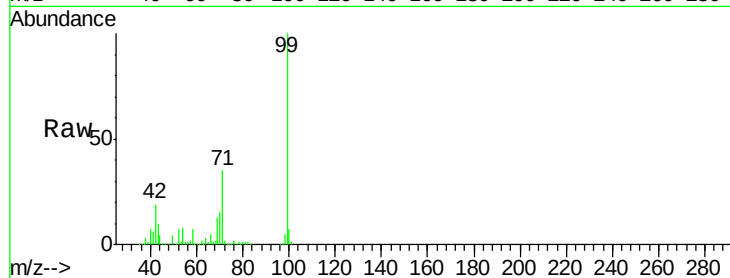
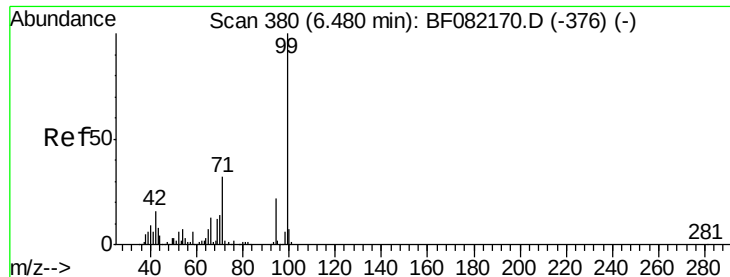


#5

2-Fluorophenol
Concen: 79.70 ng
RT: 5.42 min Scan# 287
Delta R.T. 0.01 min
Lab File: BF082282.D
Acq: 14 Oct 2015 16:33

Tgt Ion:112 Resp: 313463
Ion Ratio Lower Upper
112 100
64 55.2 48.6 73.0
63 29.1 25.1 37.7





#7

Phenol-d6

Concen: 97.67 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082282.D

Acq: 14 Oct 2015 16:33

Instrument :

BNA_F

ClientSampleId :

LF-3

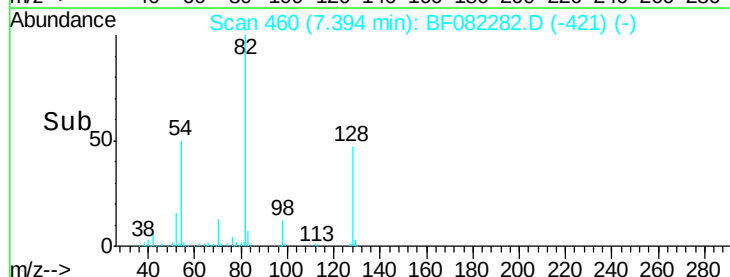
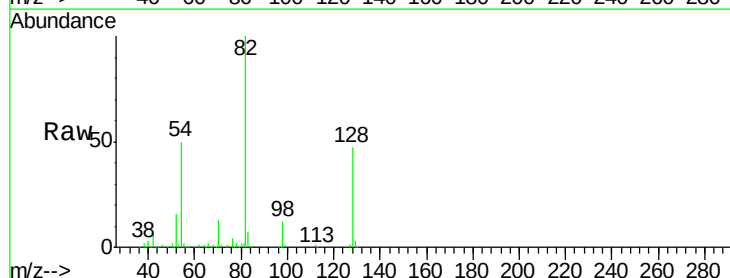
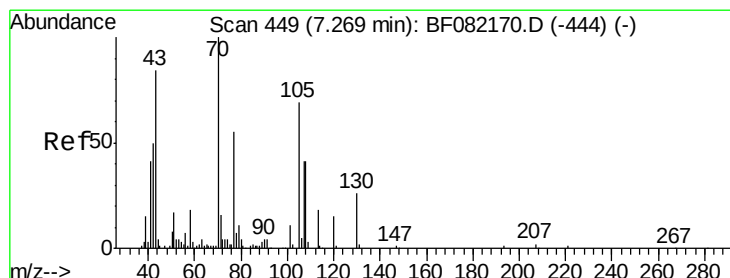
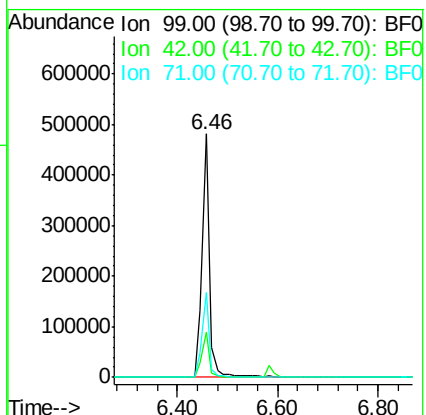
Tot Ion: 99 Resp: 499917

Ion Ratio Lower Upper

99 100

42 18.6 13.2 19.8

71 35.0 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 12.84 ng

RT: 7.39 min Scan# 460

Delta R.T. 0.15 min

Lab File: BF082282.D

Acq: 14 Oct 2015 16:33

Tgt Ion: 70 Resp: 46150

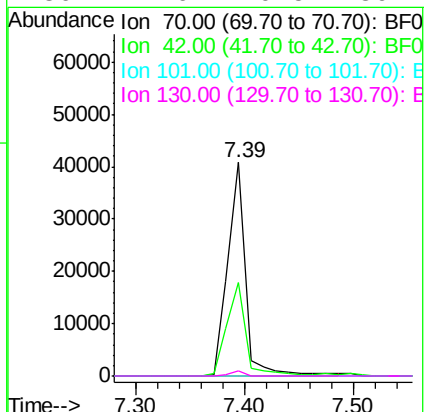
Ion Ratio Lower Upper

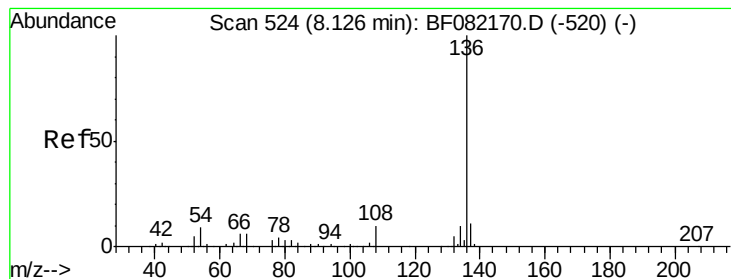
70 100

42 43.8 39.8 59.8

101 0.0 8.6 13.0#

130 2.6 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: BF082282.D

Acq: 14 Oct 2015 16:33

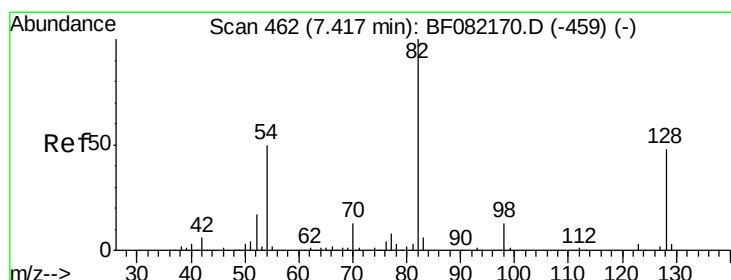
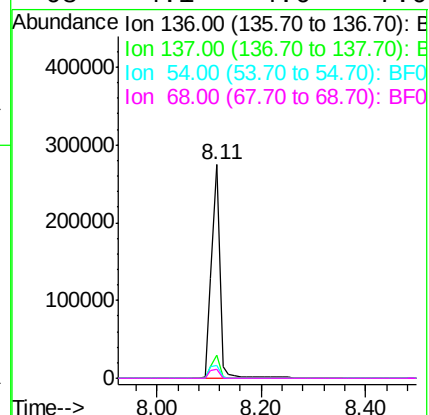
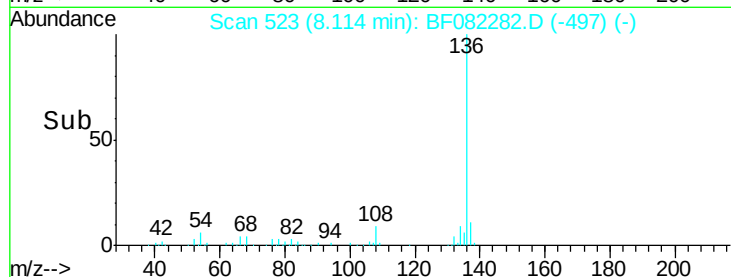
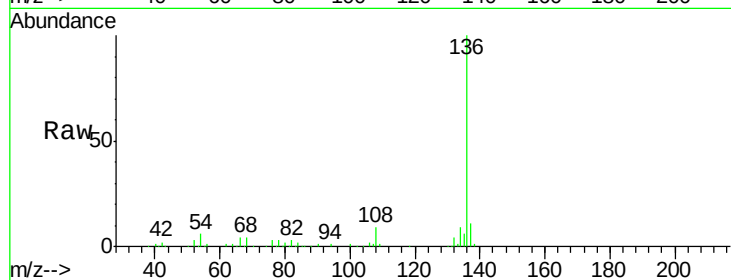
Instrument :

BNA_F

ClientSampleId :

LF-3

Tot Ion:136	Resp:	306312
Ion Ratio	Lower	Upper
136	100	
137	10.6	9.0 13.6
54	6.0	7.5 11.3#
68	4.1	4.6 7.0#



#23

Nitrobenzene-d5

Concen: 79.55 ng

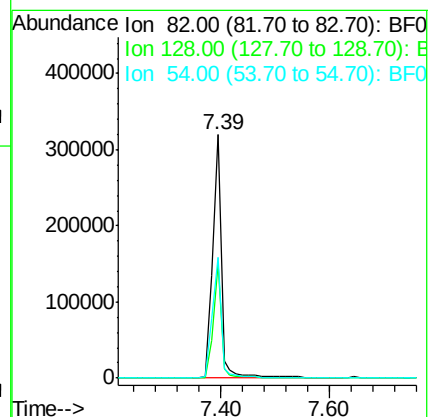
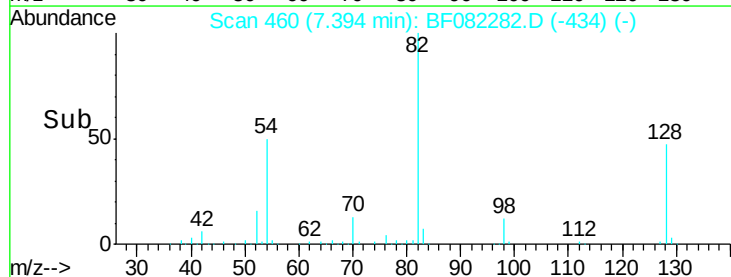
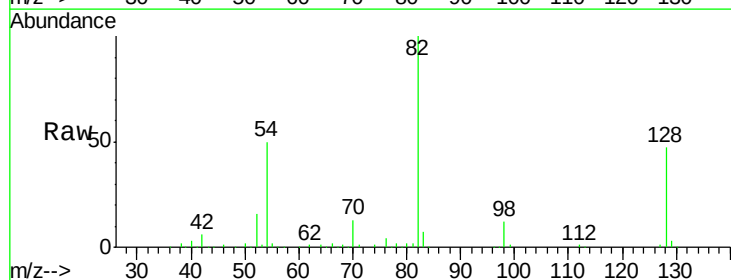
RT: 7.39 min Scan# 460

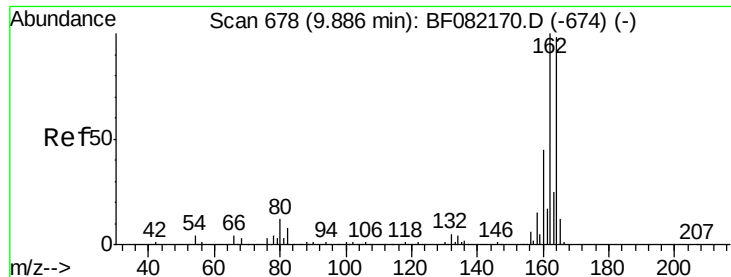
Delta R.T. -0.00 min

Lab File: BF082282.D

Acq: 14 Oct 2015 16:33

Tgt Ion: 82	Resp:	362843
Ion Ratio	Lower	Upper
82	100	
128	47.2	38.7 58.1
54	49.8	40.1 60.1





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF082282.D

Acq: 14 Oct 2015 16:33

Instrument :

BNA_F

ClientSampleId :

LF-3

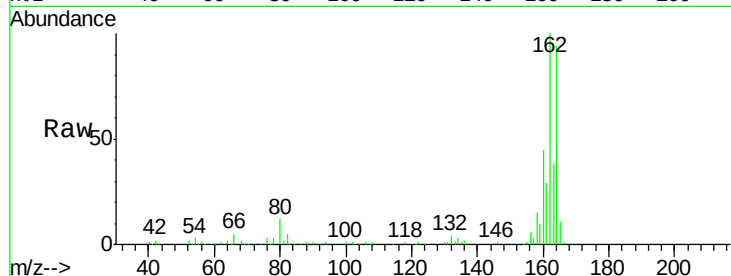
Tot Ion:164 Resp: 154998

Ion Ratio Lower Upper

164 100

162 106.4 81.6 122.4

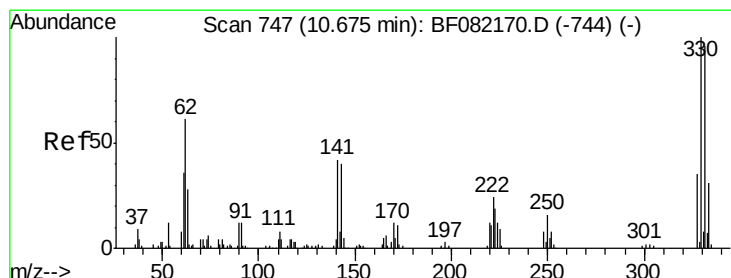
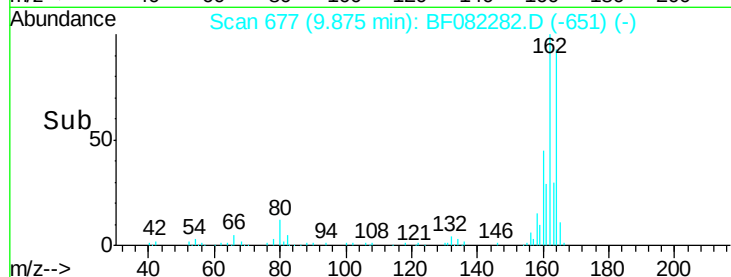
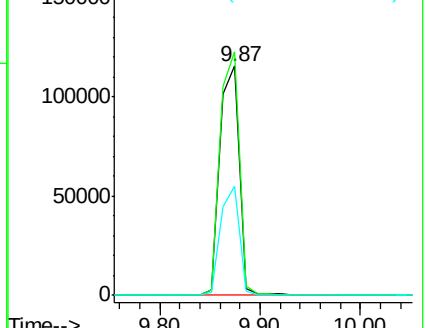
160 47.4 36.4 54.6



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: 41.14 ng

RT: 10.66 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF082282.D

Acq: 14 Oct 2015 16:33

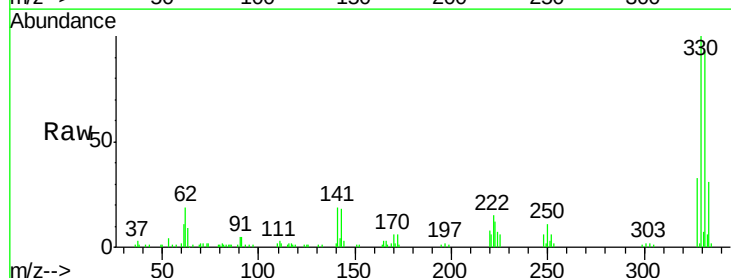
Tgt Ion:330 Resp: 59804

Ion Ratio Lower Upper

330 100

332 93.7 77.1 115.7

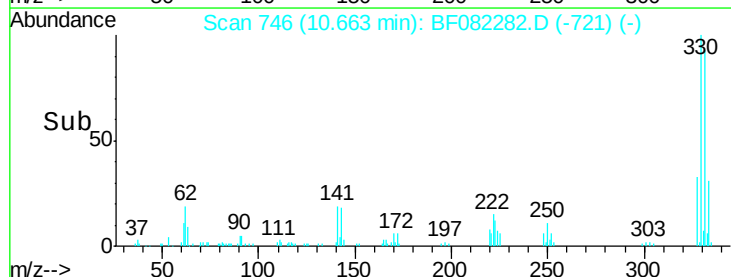
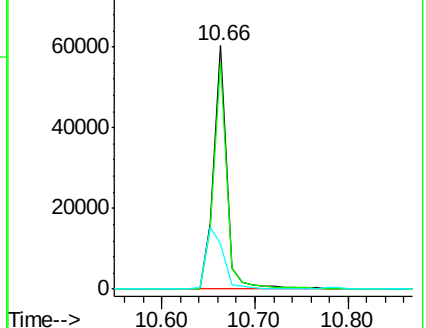
141 33.6 29.8 44.8

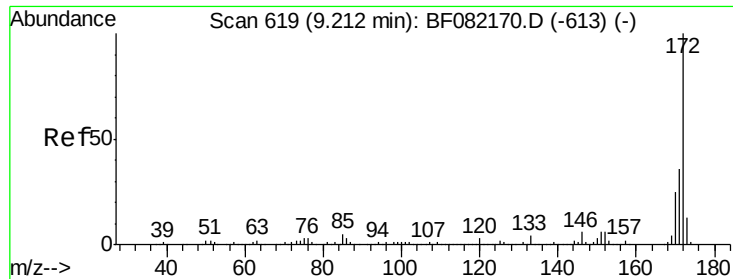


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

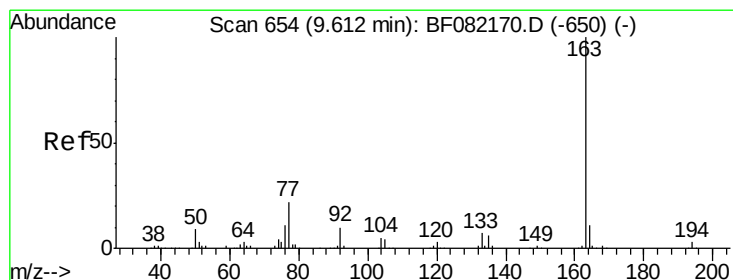
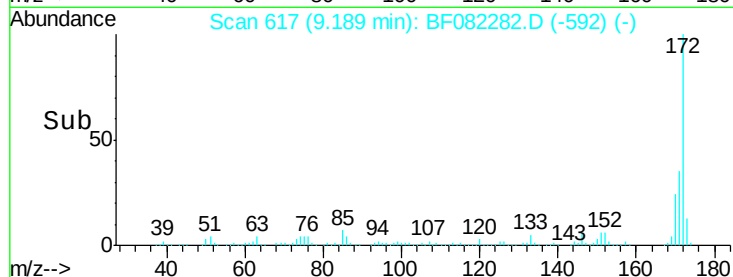
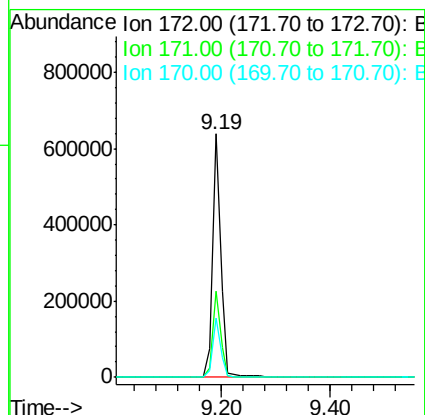
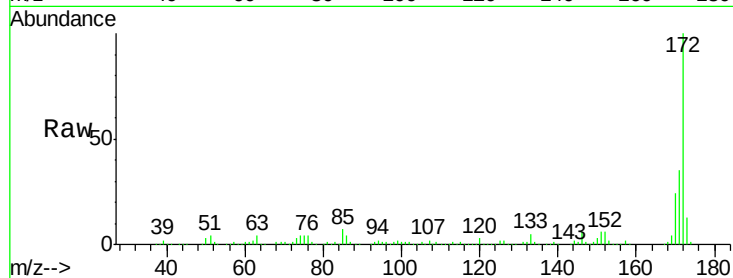




#44
2-Fluorobiphenyl
Concen: 72.61 ng
RT: 9.19 min Scan# 617
Delta R.T. -0.01 min
Lab File: BF082282.D
Acq: 14 Oct 2015 16:33

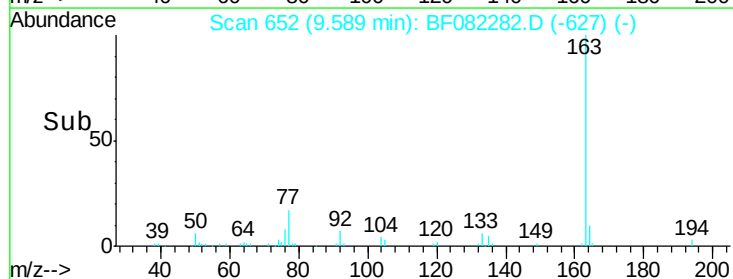
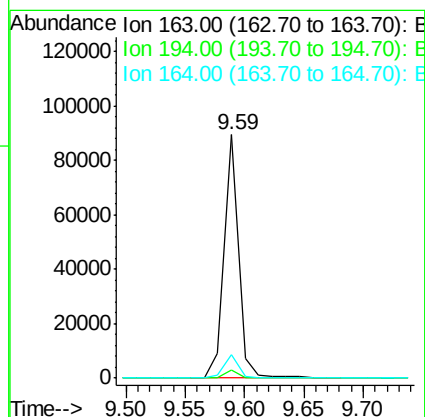
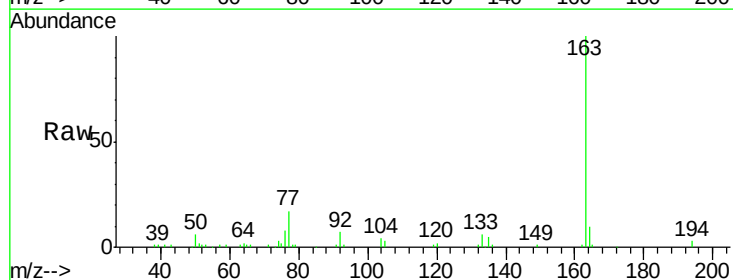
Instrument :
BNA_F
ClientSampleId :
LF-3

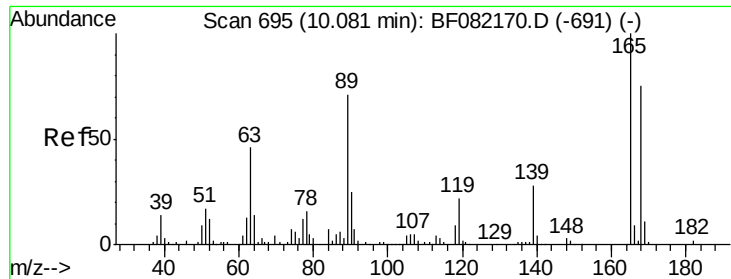
Tot Ion:172 Resp: 678634
Ion Ratio Lower Upper
172 100
171 35.4 28.6 42.8
170 24.2 19.7 29.5



#49
Dimethylphthalate
Concen: 6.86 ng
RT: 9.59 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF082282.D
Acq: 14 Oct 2015 16:33

Tgt Ion:163 Resp: 74898
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 9.7 8.5 12.7

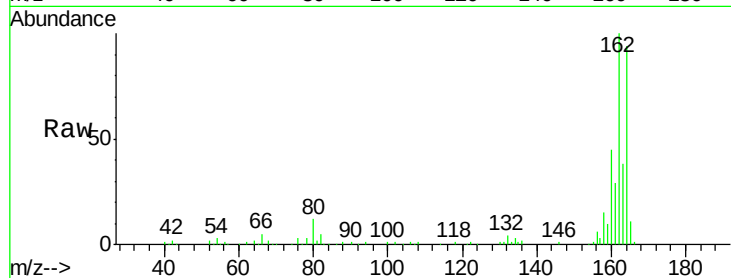




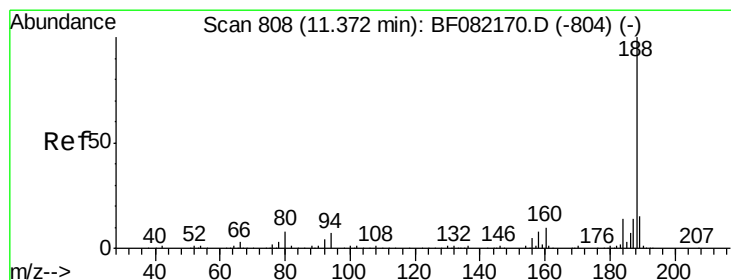
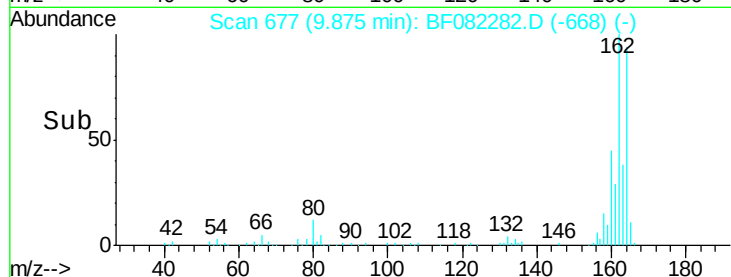
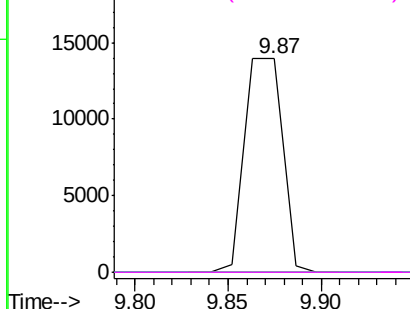
#56
 2,4-Dinitrotoluene
 Concen: 6.87 ng
 RT: 9.87 min Scan# 677
 Delta R.T. -0.19 min
 Lab File: BF082282.D
 Acq: 14 Oct 2015 16:33

Instrument :
 BNA_F
 ClientSampleId :
 LF-3

Tot Ion:165 Resp: 19776
 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#

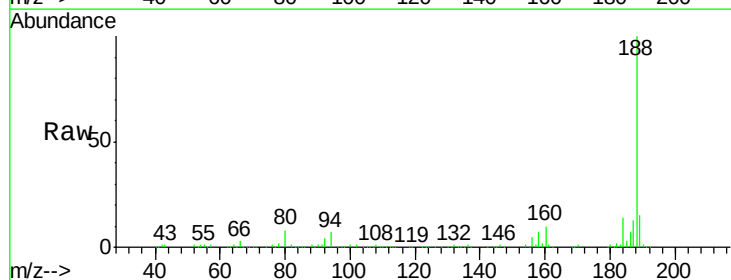


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

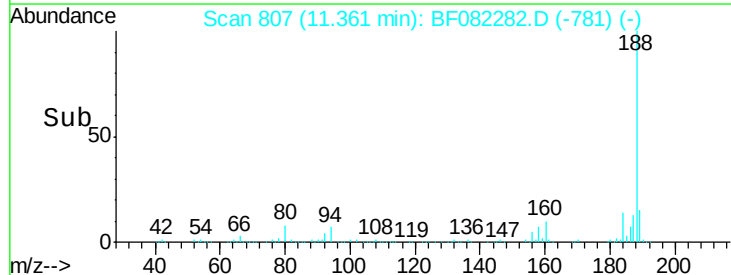
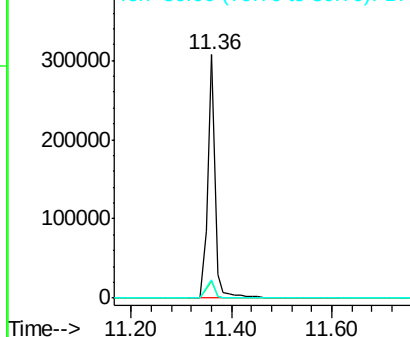


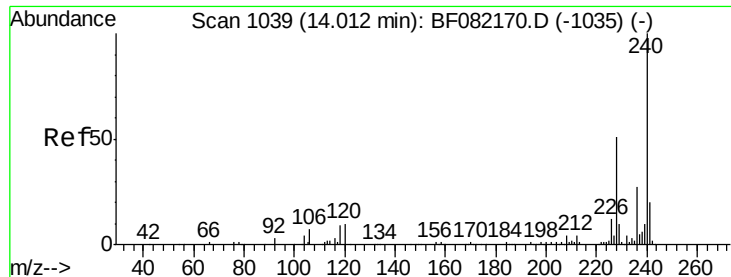
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF082282.D
 Acq: 14 Oct 2015 16:33

Tgt Ion:188 Resp: 314939
 Ion Ratio Lower Upper
 188 100
 94 6.9 5.8 8.6
 80 7.5 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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 1043

Delta R.T. -0.07 min

Lab File: BF082282.D

Acq: 14 Oct 2015 16:33

Instrument :

BNA_F

ClientSampleId :

LF-3

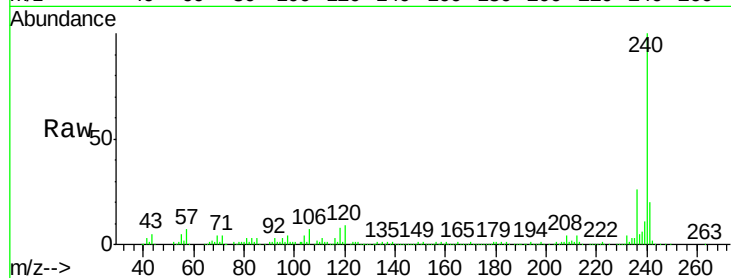
Tot Ion:240 Resp: 263704

Ion Ratio Lower Upper

240 100

120 9.3 8.1 12.1

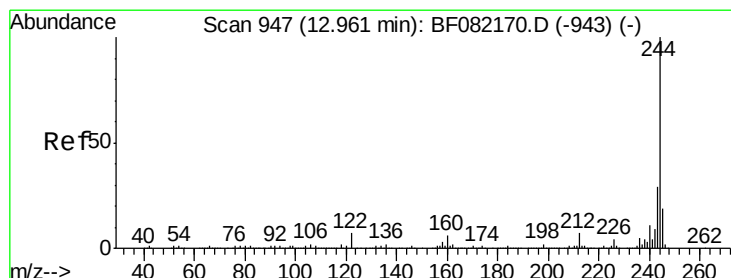
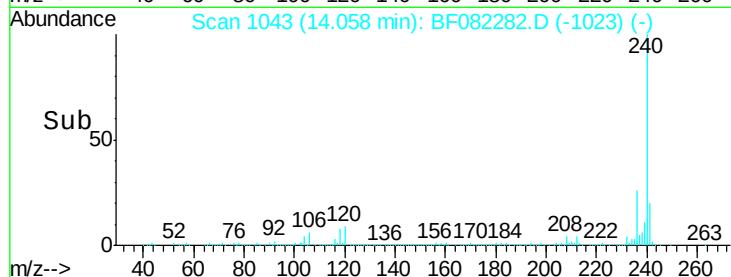
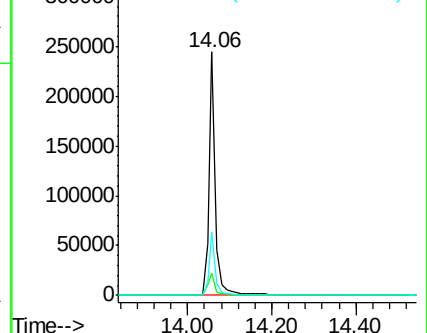
236 25.7 21.3 31.9



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: 79.49 ng

RT: 12.96 min Scan# 947

Delta R.T. -0.02 min

Lab File: BF082282.D

Acq: 14 Oct 2015 16:33

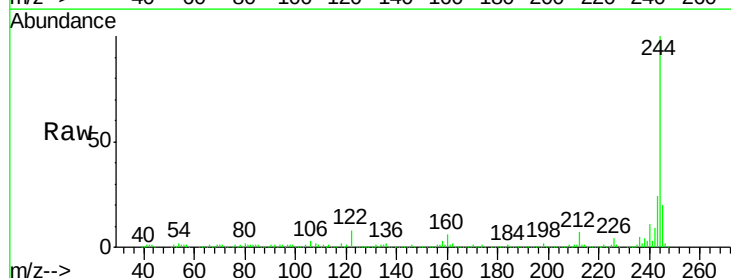
Tgt Ion:244 Resp: 791079

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

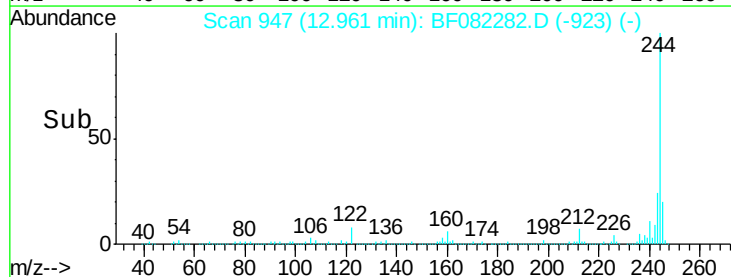
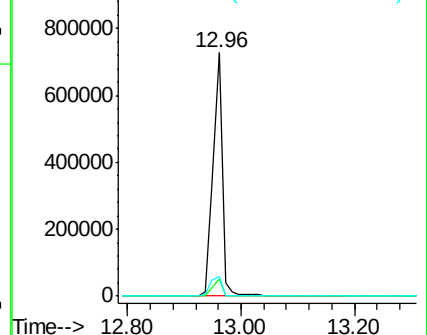
122 8.1 5.9 8.9

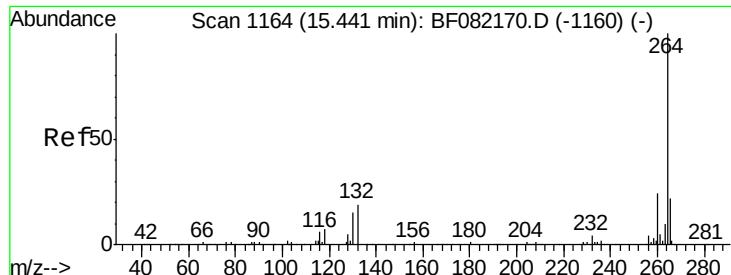


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

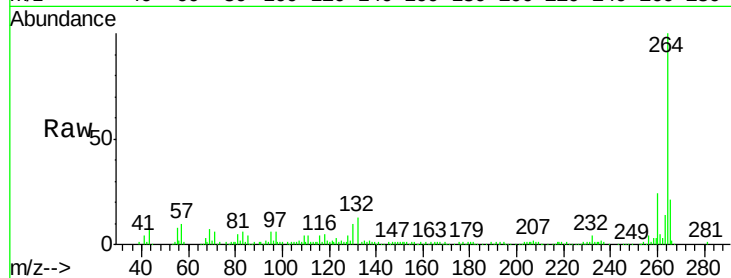




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.60 min Scan# 1178
 Delta R.T. -0.14 min
 Lab File: BF082282.D
 Acq: 14 Oct 2015 16:33

Instrument :
 BNA_F
 ClientSampleId :
 LF-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.6
265	21.3	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

