

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102715\
 Data File : BF082557.D
 Acq On : 27 Oct 2015 20:15
 Operator : UM/IZ
 Sample : G4157-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WOOD-2

Quant Time: Oct 28 01:31:29 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 27 02:43:58 2015
 Response via : Initial Calibration

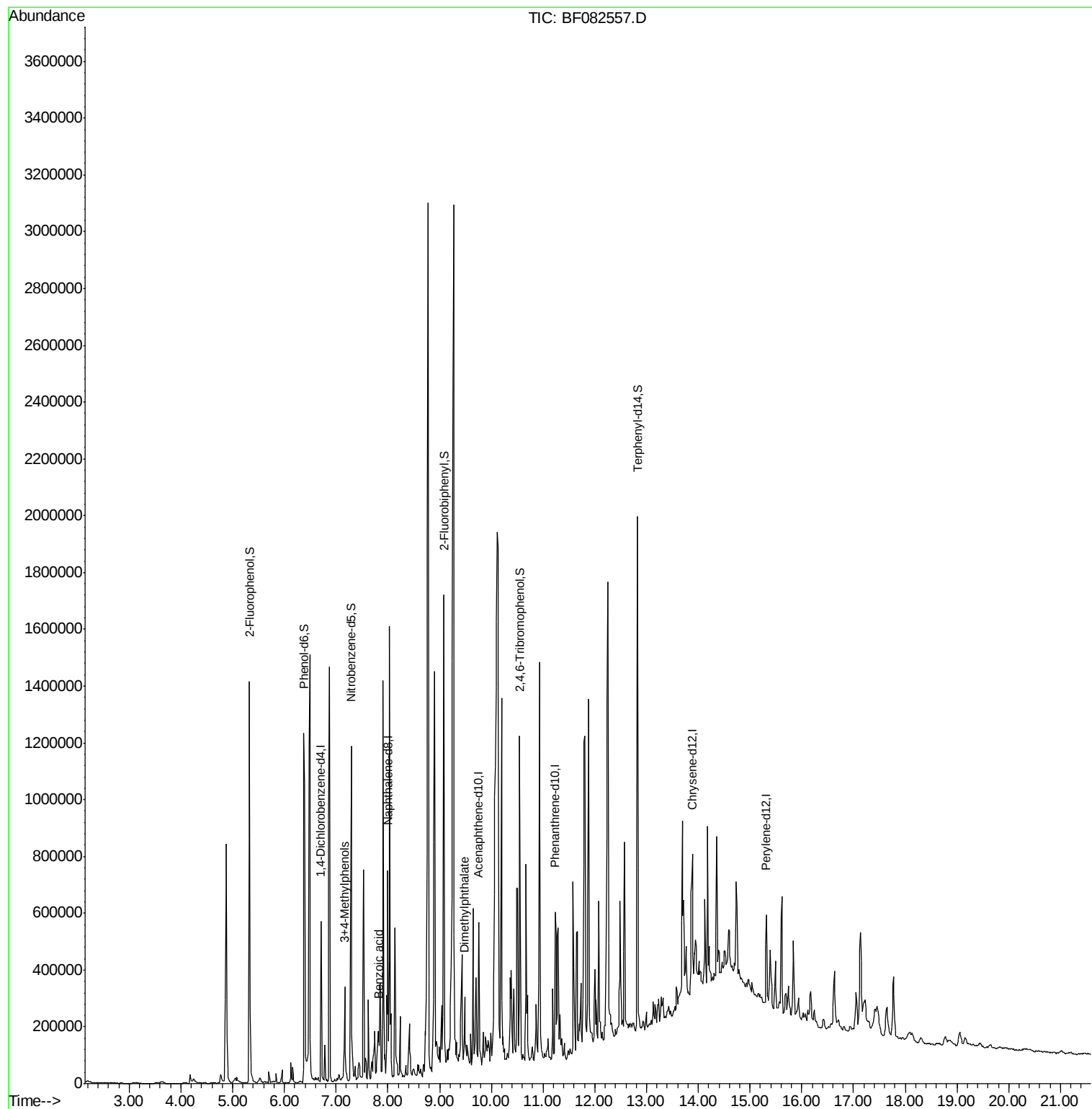
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	84196	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	333498	20.00	ng	-0.02
38) Acenaphthene-d10	9.75	164	147984	20.00	ng	-0.02
63) Phenanthrene-d10	11.23	188	249707	20.00	ng	-0.02
75) Chrysene-d12	13.89	240	166301	20.00	ng	-0.02
86) Perylene-d12	15.32	264	166974	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	536860	125.87	ng	0.01
7) Phenol-d6	6.38	99	658317	118.43	ng	0.00
23) Nitrobenzene-d5	7.29	82	463856	89.73	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	140007	126.34	ng	-0.02
44) 2-Fluorobiphenyl	9.09	172	851153	91.46	ng	-0.01
78) Terphenyl-d14	12.82	244	587995	101.86	ng	-0.02
Target Compounds						
20) 3+4-Methylphenols	7.17	107	90726	17.70	ng	86
32) Benzoic acid	7.83	122	13526	5.33	ng	91
49) Dimethylphthalate	9.49	163	74324	7.22	ng	99

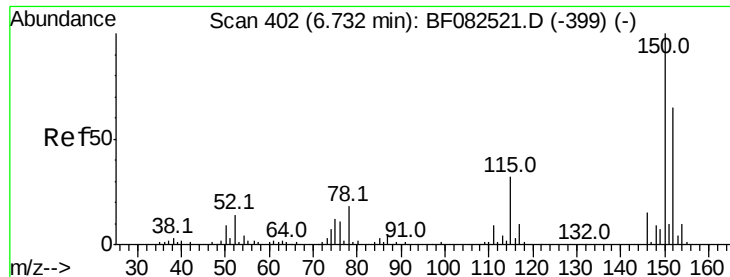
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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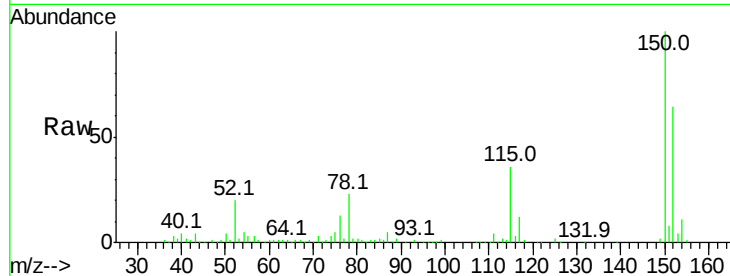


#1

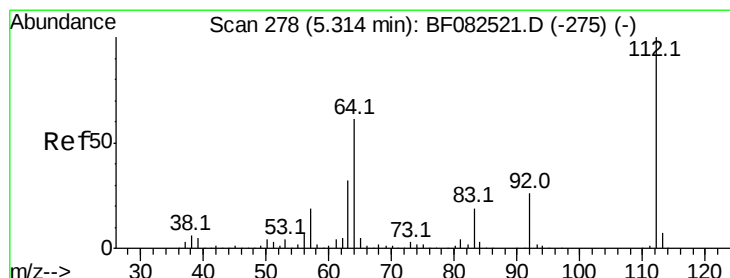
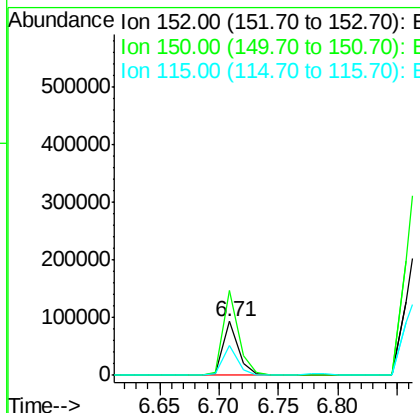
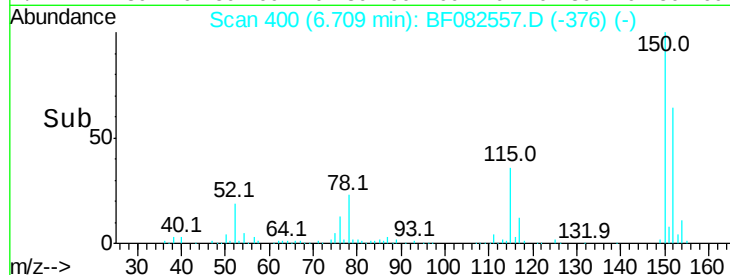
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 400
Delta R.T. -0.02 min
Lab File: BF082557.D
Acq: 27 Oct 2015 20:15

Instrument :
BNA_F
ClientSampleId :
WOOD-2

Tot Ion:152 Resp: 84196
Ion Ratio Lower Upper
152 100
150 157.0 123.4 185.0
115 56.3 39.0 58.4



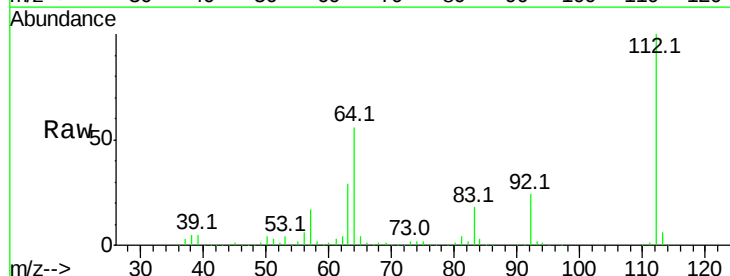
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



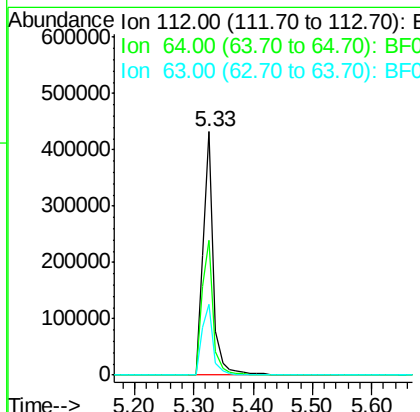
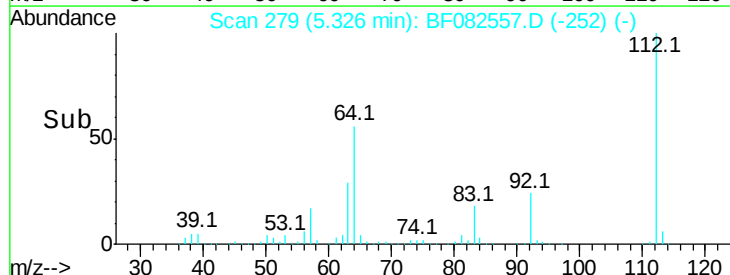
#5

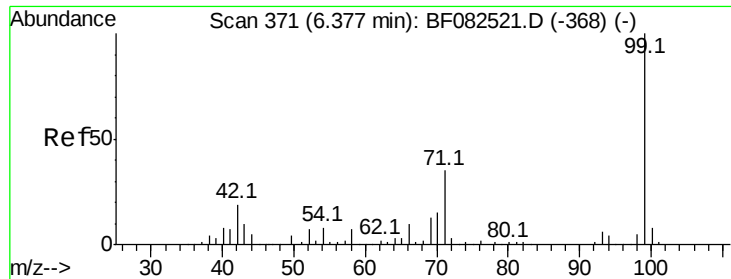
2-Fluorophenol
Concen: 125.87 ng
RT: 5.33 min Scan# 279
Delta R.T. 0.01 min
Lab File: BF082557.D
Acq: 27 Oct 2015 20:15

Tgt Ion:112 Resp: 536860
Ion Ratio Lower Upper
112 100
64 55.6 49.0 73.4
63 29.2 25.8 38.6



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: 118.43 ng

RT: 6.38 min Scan# 371

Delta R.T. 0.00 min

Lab File: BF082557.D

Acq: 27 Oct 2015 20:15

Instrument :

BNA_F

ClientSampled :

WOOD-2

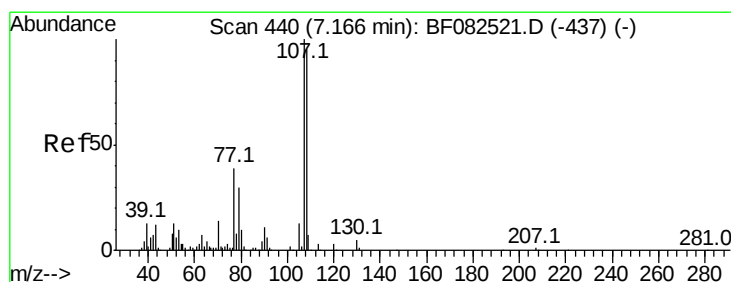
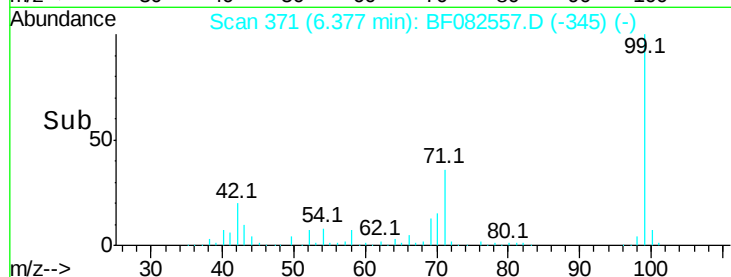
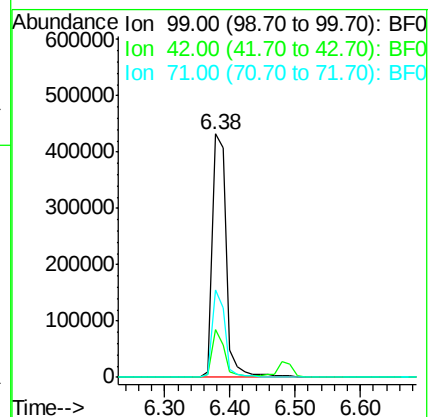
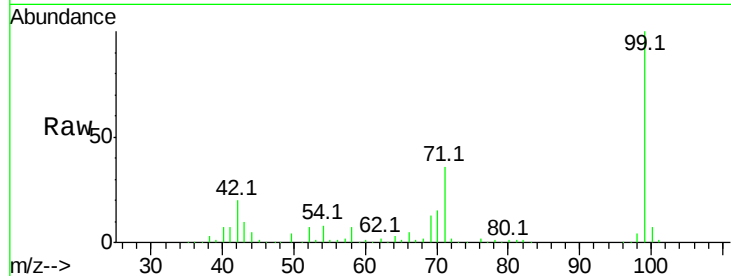
Tot Ion: 99 Resp: 658317

Ion Ratio Lower Upper

99 100

42 19.5 15.1 22.7

71 36.0 28.2 42.2



#20

3+4-Methylphenols

Concen: 17.70 ng

RT: 7.17 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF082557.D

Acq: 27 Oct 2015 20:15

Tgt Ion:107 Resp: 90726

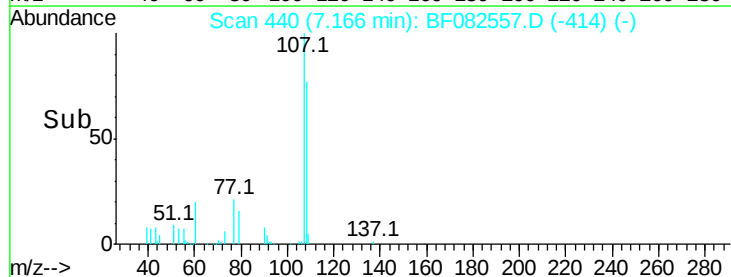
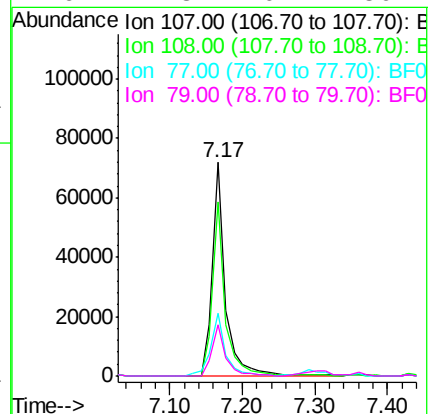
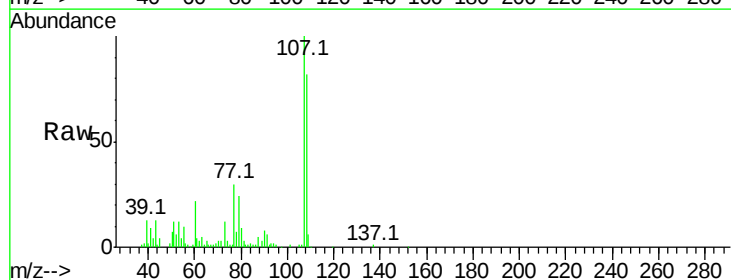
Ion Ratio Lower Upper

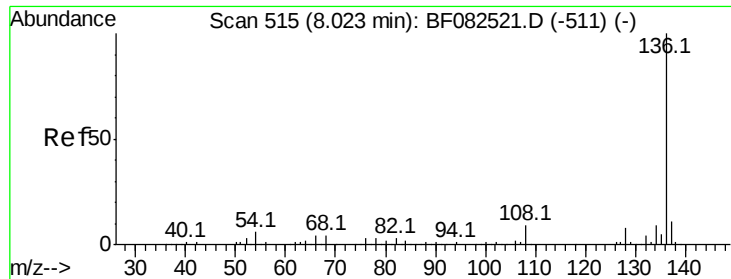
107 100

108 81.8 74.8 114.8

77 29.6 20.3 60.3

79 24.3 10.2 50.2

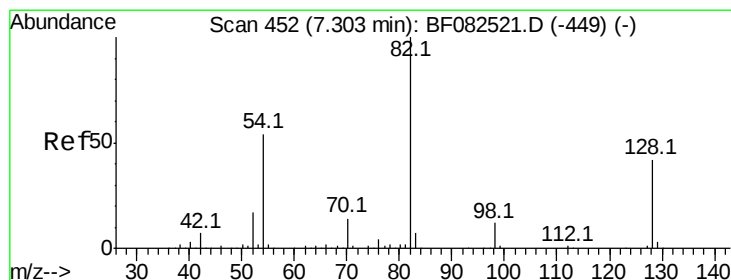
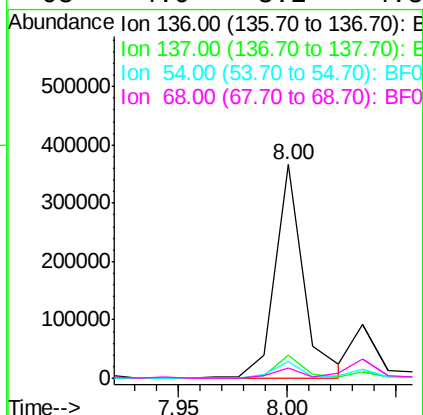
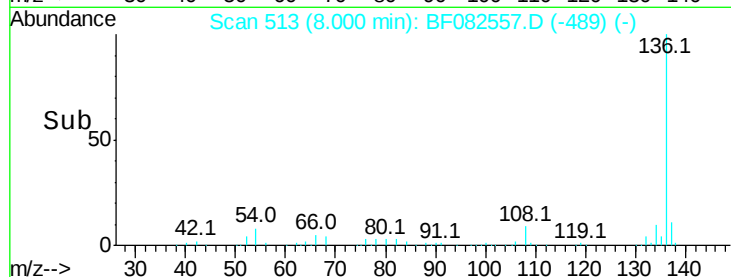
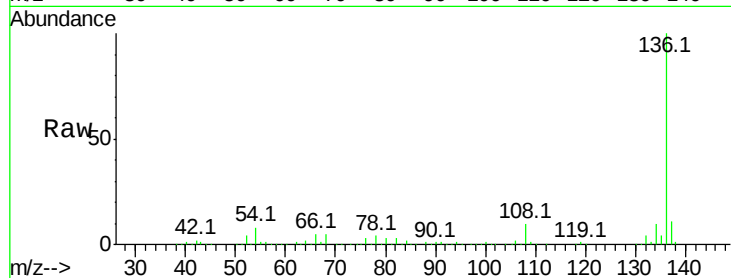




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF082557.D
Acq: 27 Oct 2015 20:15

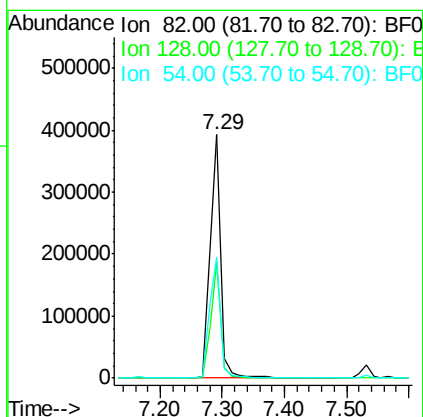
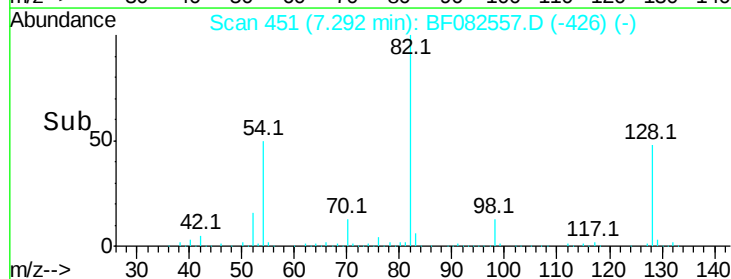
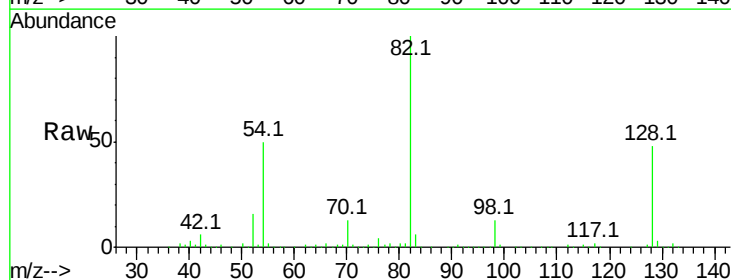
Instrument :
BNA_F
ClientSampleId :
WOOD-2

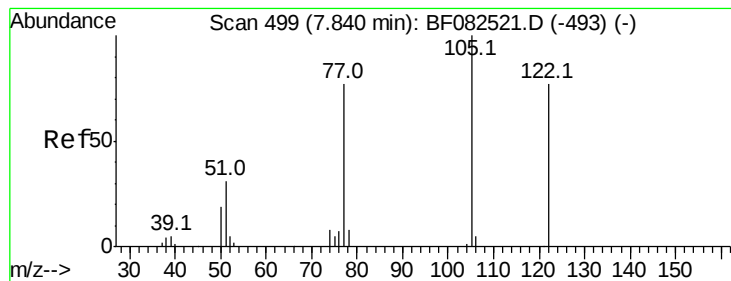
Tot Ion:	136	Resp:	333498
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	7.8	4.6	7.0#
68	4.9	3.2	4.8#



#23
Nitrobenzene-d5
Concen: 89.73 ng
RT: 7.29 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF082557.D
Acq: 27 Oct 2015 20:15

Tgt Ion:	82	Resp:	463856
Ion	Ratio	Lower	Upper
82	100		
128	47.7	33.4	50.0
54	49.6	43.5	65.3





#32

Benzoic acid

Concen: 5.33 ng

RT: 7.83 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF082557.D

Acq: 27 Oct 2015 20:15

Instrument :

BNA_F

ClientSampleId :

WOOD-2

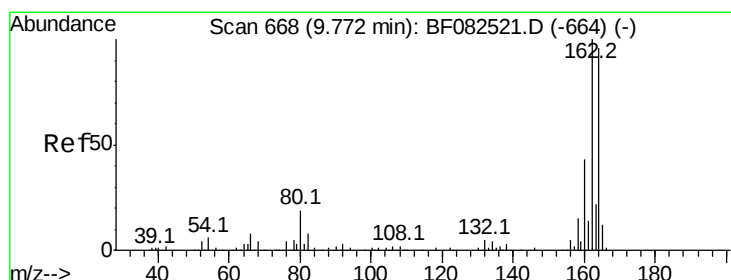
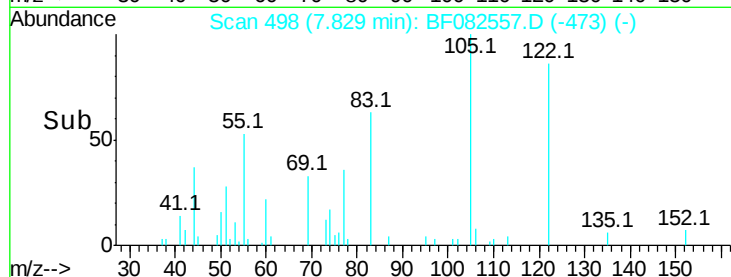
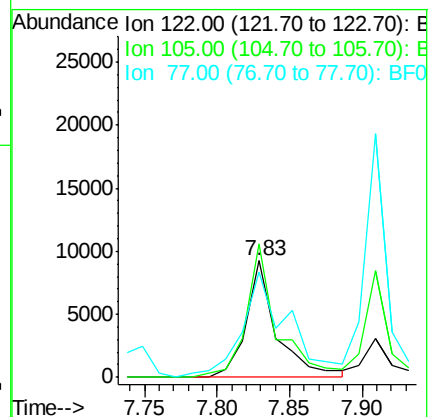
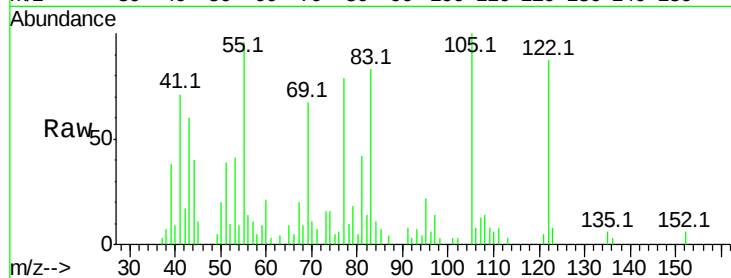
Tot Ion:122 Resp: 13526

Ion Ratio Lower Upper

122 100

105 115.0 106.4 146.4

77 90.9 79.1 119.1



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.75 min Scan# 666

Delta R.T. -0.02 min

Lab File: BF082557.D

Acq: 27 Oct 2015 20:15

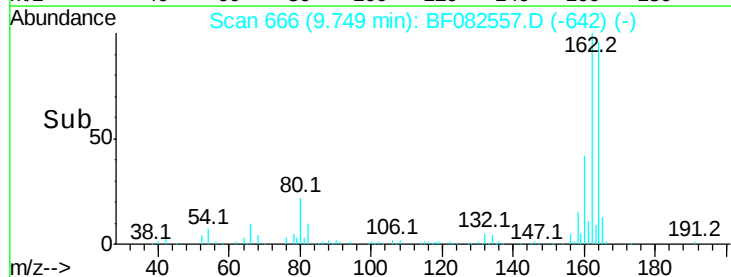
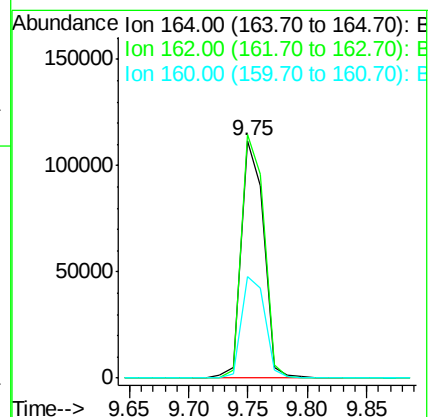
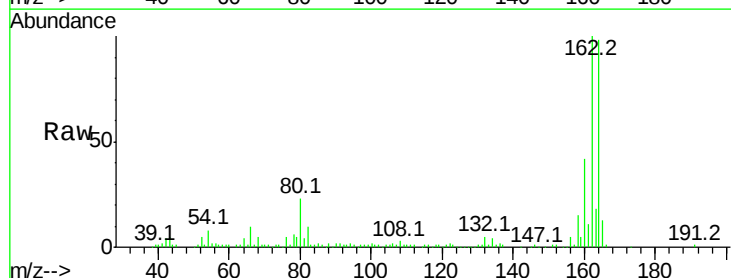
Tgt Ion:164 Resp: 147984

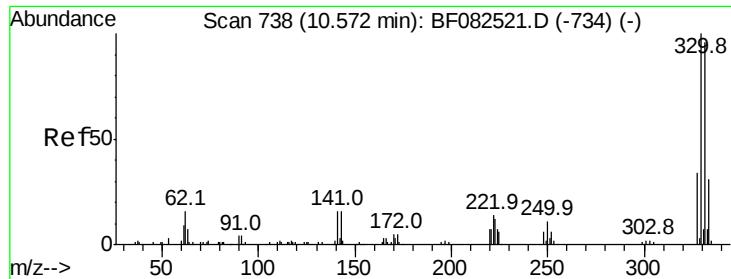
Ion Ratio Lower Upper

164 100

162 102.5 83.6 125.4

160 43.0 36.0 54.0

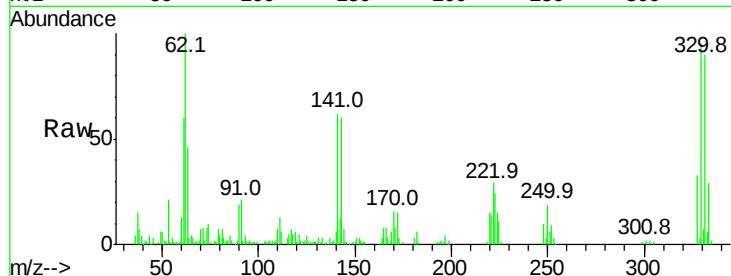




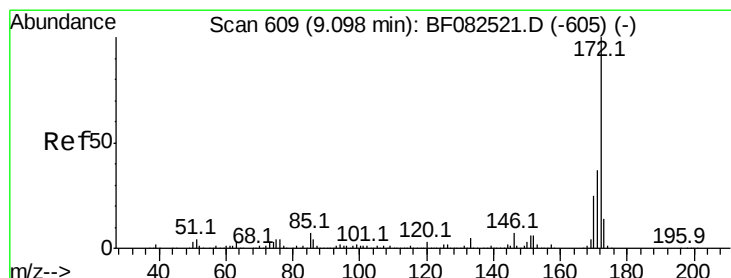
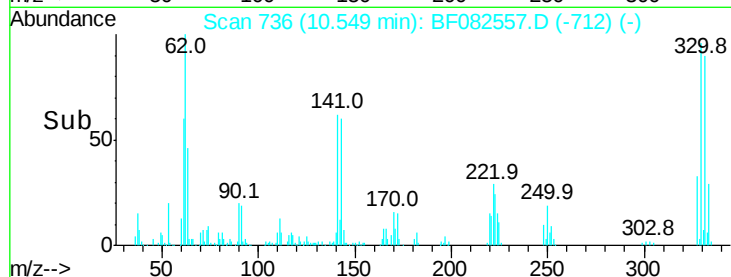
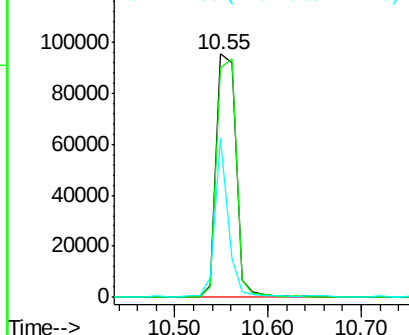
#41
 2,4,6-Tribromophenol
 Concen: 126.34 ng
 RT: 10.55 min Scan# 736
 Delta R.T. -0.02 min
 Lab File: BF082557.D
 Acq: 27 Oct 2015 20:15

Instrument :
 BNA_F
 ClientSampleId :
 WOOD-2

Tot Ion:330 Resp: 140007
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.4 116.0
 141 42.5 32.5 48.7

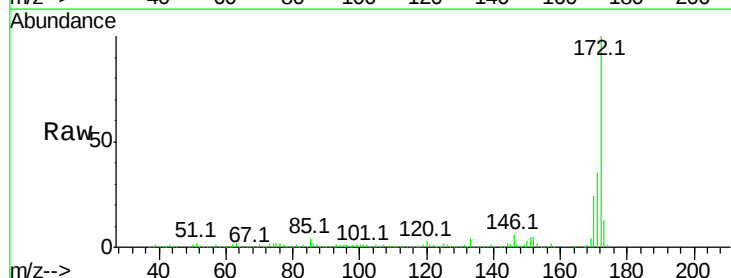


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

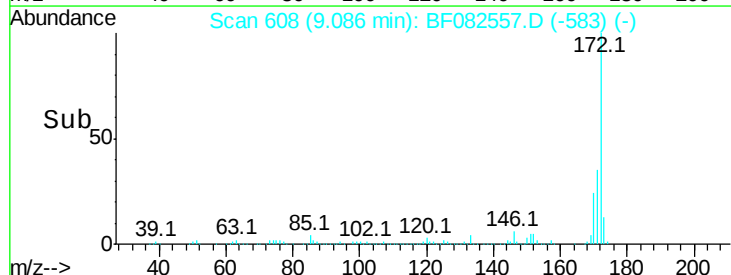
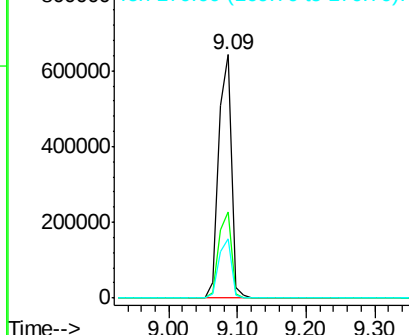


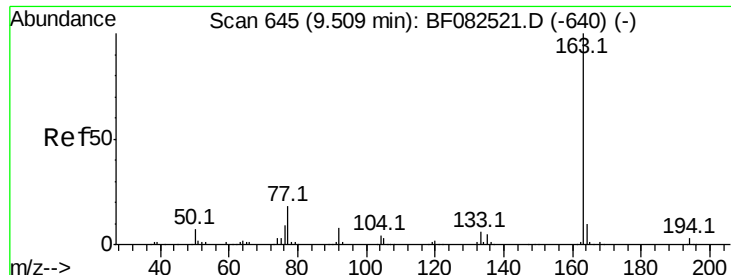
#44
 2-Fluorobiphenyl
 Concen: 91.46 ng
 RT: 9.09 min Scan# 608
 Delta R.T. -0.01 min
 Lab File: BF082557.D
 Acq: 27 Oct 2015 20:15

Tgt Ion:172 Resp: 851153
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.3 43.9
 170 24.3 19.8 29.6



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

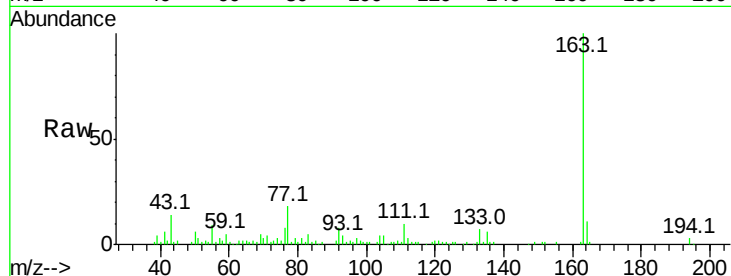




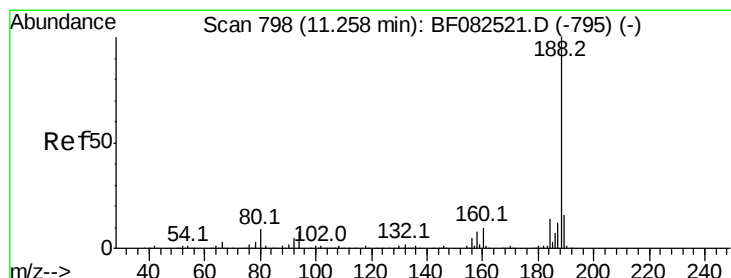
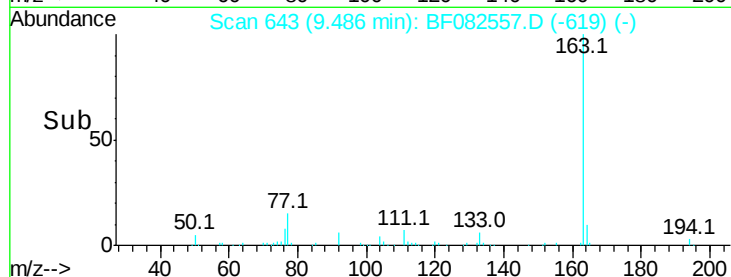
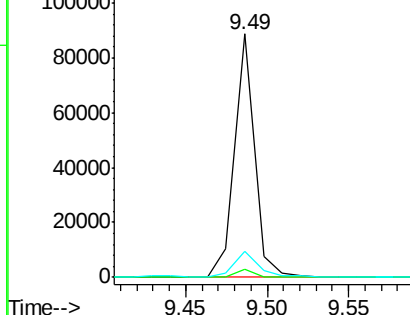
#49
Dimethylphthalate
Concen: 7.22 ng
RT: 9.49 min Scan# 643
Delta R.T. -0.02 min
Lab File: BF082557.D
Acq: 27 Oct 2015 20:15

Instrument :
BNA_F
ClientSampleId :
WOOD-2

Tot Ion:163 Resp: 74324
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 10.5 8.2 12.4

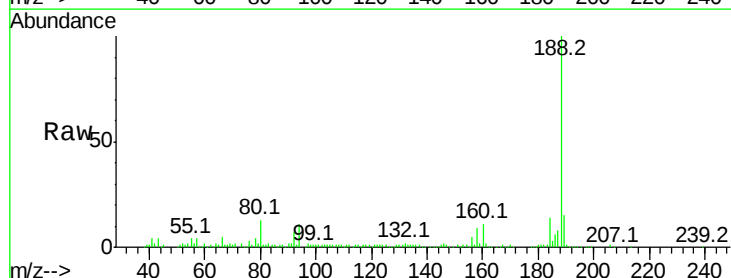


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

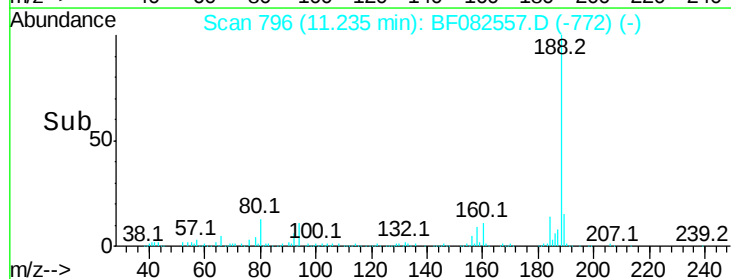
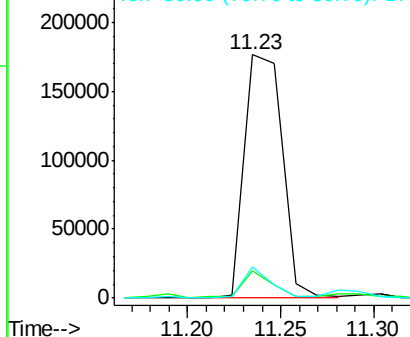


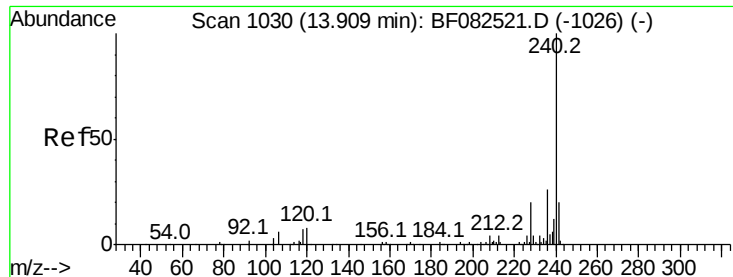
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF082557.D
Acq: 27 Oct 2015 20:15

Tgt Ion:188 Resp: 249707
Ion Ratio Lower Upper
188 100
94 11.4 6.4 9.6#
80 13.0 7.0 10.6#



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: 13.89 min Scan# 1028

Delta R.T. -0.02 min

Lab File: BF082557.D

Acq: 27 Oct 2015 20:15

Instrument :

BNA_F

ClientSampleId :

WOOD-2

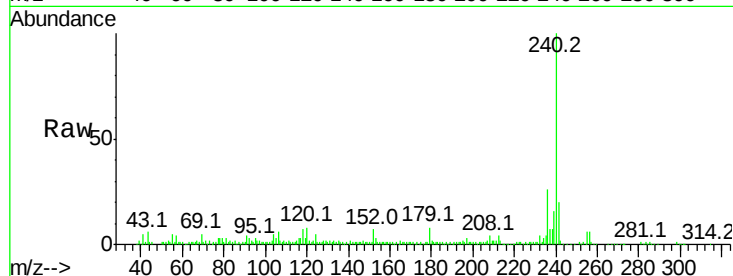
Tot Ion:240 Resp: 166301

Ion Ratio Lower Upper

240 100

120 8.2 6.5 9.7

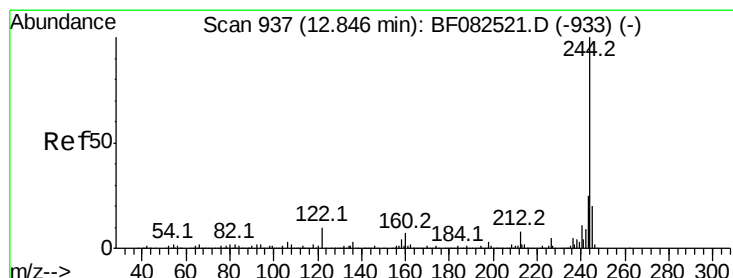
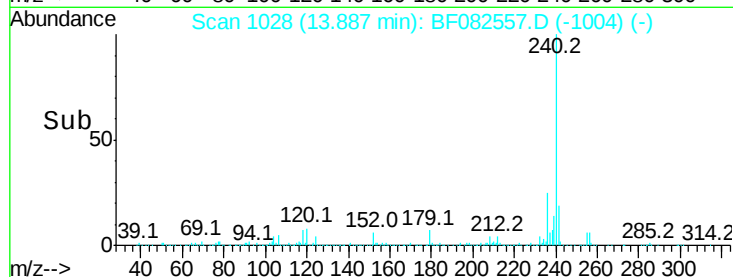
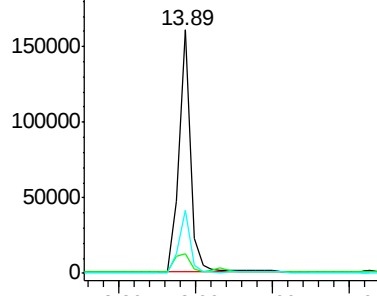
236 25.8 20.5 30.7



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: 101.86 ng

RT: 12.82 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF082557.D

Acq: 27 Oct 2015 20:15

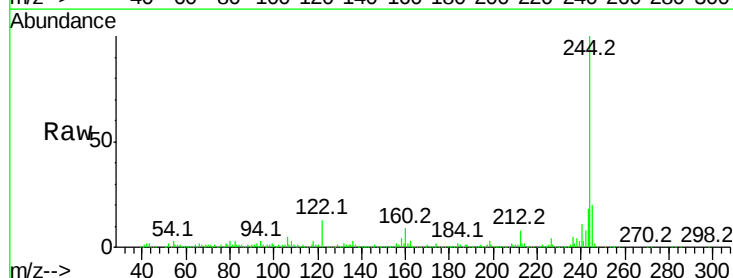
Tgt Ion:244 Resp: 587995

Ion Ratio Lower Upper

244 100

212 8.2 6.4 9.6

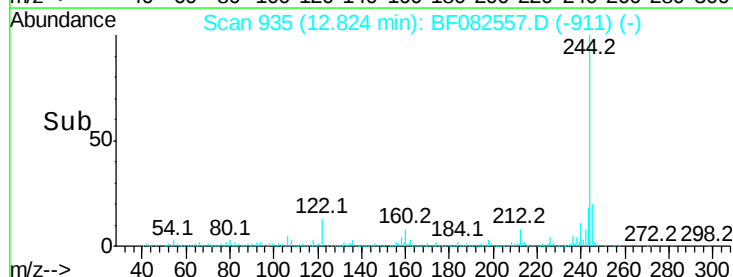
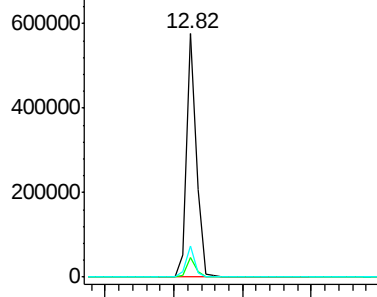
122 12.9 8.1 12.1#

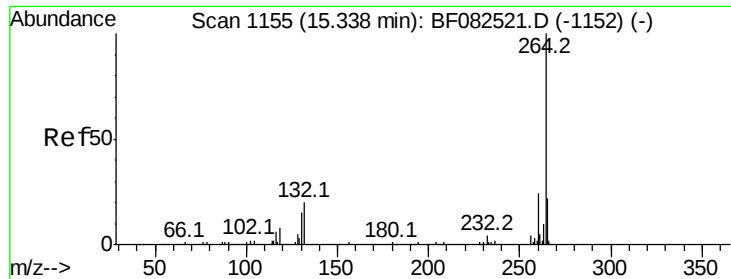


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

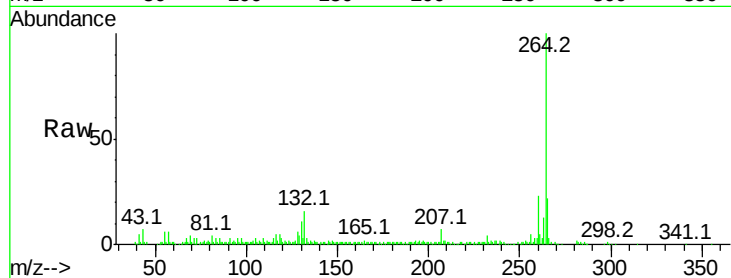




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 1153
Delta R.T. -0.02 min
Lab File: BF082557.D
Acq: 27 Oct 2015 20:15

Instrument :
BNA_F
ClientSampleId :
WOOD-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.6
265	21.9	17.8	26.6



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

