

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102715\
 Data File : BF082562.D
 Acq On : 27 Oct 2015 22:40
 Operator : UM/IZ
 Sample : G4157-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WOOD-1

Quant Time: Oct 28 02:48:11 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

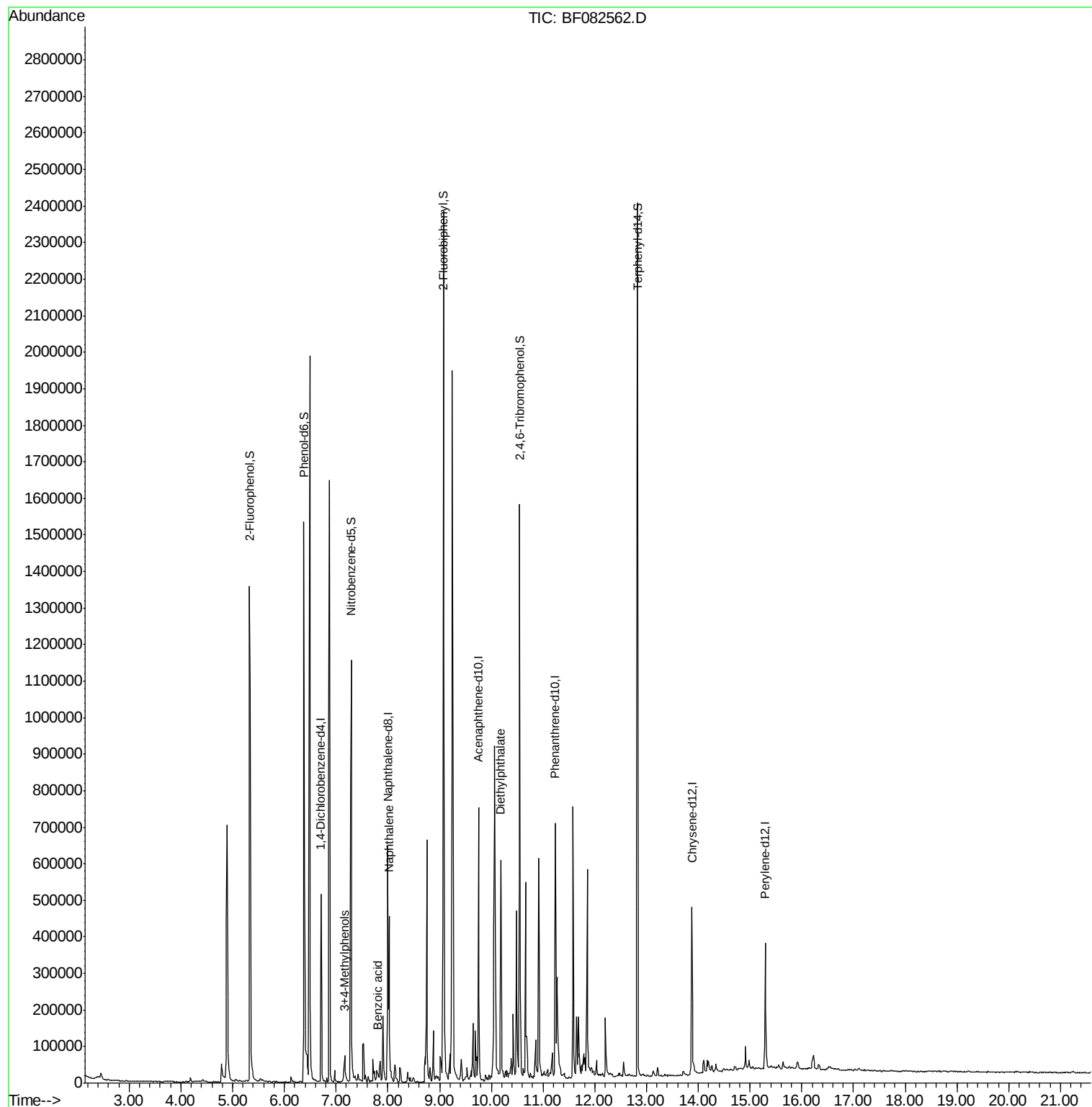
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	83516	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	334947	20.00	ng	-0.02
38) Acenaphthene-d10	9.75	164	158149	20.00	ng	-0.02
63) Phenanthrene-d10	11.23	188	280162	20.00	ng	-0.02
75) Chrysene-d12	13.88	240	184999	20.00	ng	-0.03
86) Perylene-d12	15.29	264	162915	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	573892	135.65	ng	0.01
7) Phenol-d6	6.38	99	637506	115.62	ng	0.00
23) Nitrobenzene-d5	7.29	82	519319	100.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	174225	147.12	ng	-0.02
44) 2-Fluorobiphenyl	9.07	172	971009	97.63	ng	-0.02
78) Terphenyl-d14	12.82	244	768295	119.65	ng	-0.02
Target Compounds						
20) 3+4-Methylphenols	7.17	107	32305	6.35	ng	88
31) Naphthalene	8.02	128	139263	9.10	ng	99
32) Benzoic acid	7.81	122	6577	2.58	ng	97
59) Diethylphthalate	10.18	149	60189	5.62	ng	98

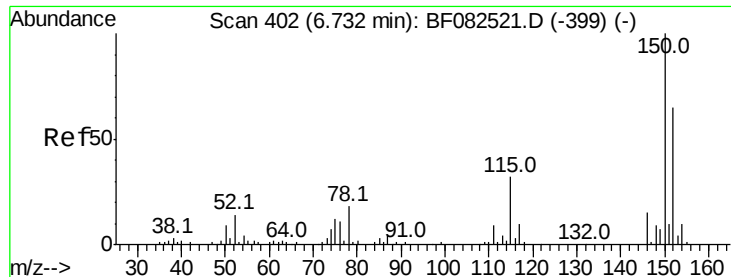
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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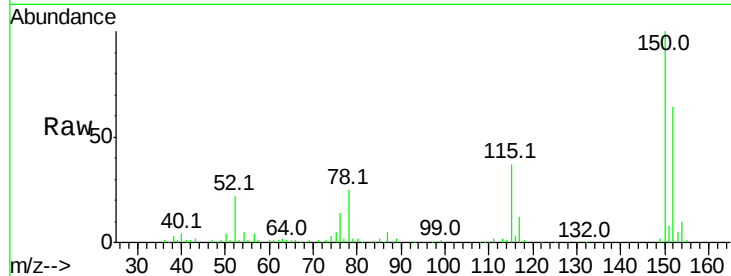


#1

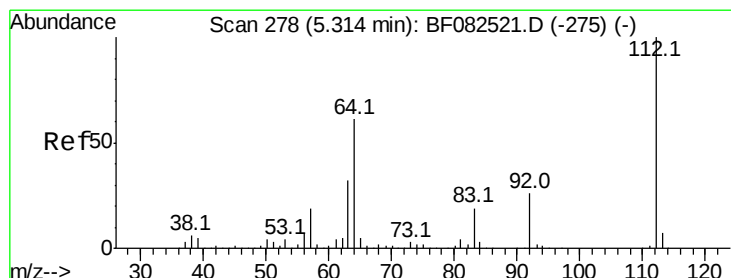
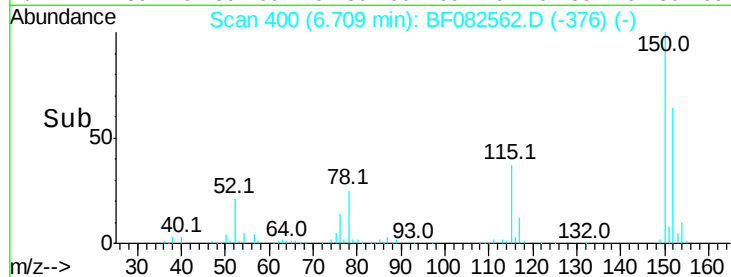
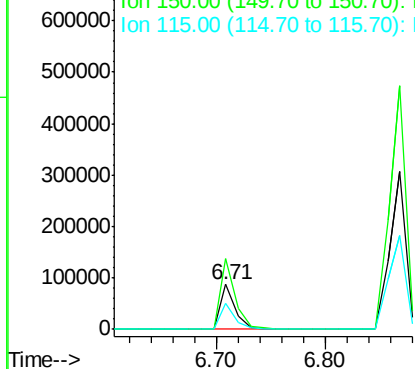
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 400
Delta R.T. -0.02 min
Lab File: BF082562.D
Acq: 27 Oct 2015 22:40

Instrument :
BNA_F
ClientSampleId :
WOOD-1

Tot Ion:152 Resp: 83516
Ion Ratio Lower Upper
152 100
150 156.4 123.4 185.0
115 58.4 39.0 58.4



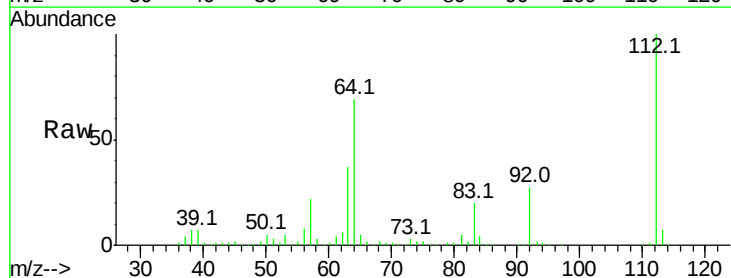
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



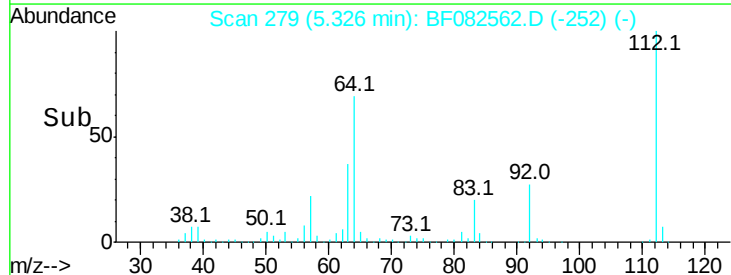
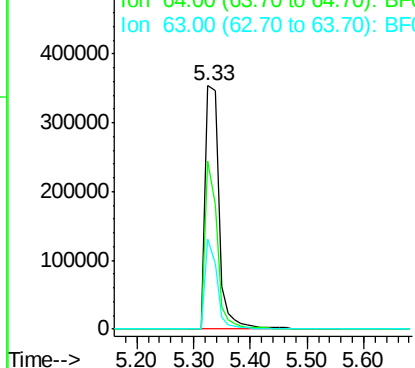
#5

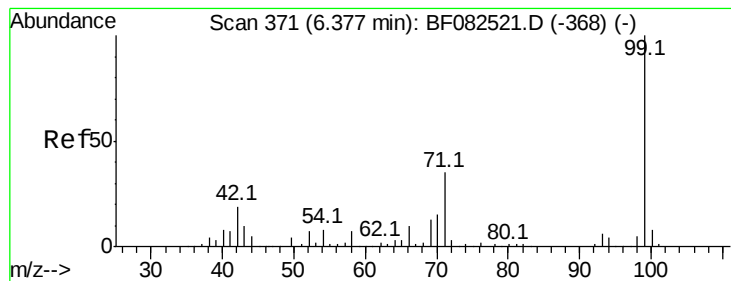
2-Fluorophenol
Concen: 135.65 ng
RT: 5.33 min Scan# 279
Delta R.T. 0.01 min
Lab File: BF082562.D
Acq: 27 Oct 2015 22:40

Tgt Ion:112 Resp: 573892
Ion Ratio Lower Upper
112 100
64 69.2 49.0 73.4
63 37.1 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: 115.62 ng

RT: 6.38 min Scan# 371

Delta R.T. 0.00 min

Lab File: BF082562.D

Acq: 27 Oct 2015 22:40

Instrument :

BNA_F

ClientSampleId :

WOOD-1

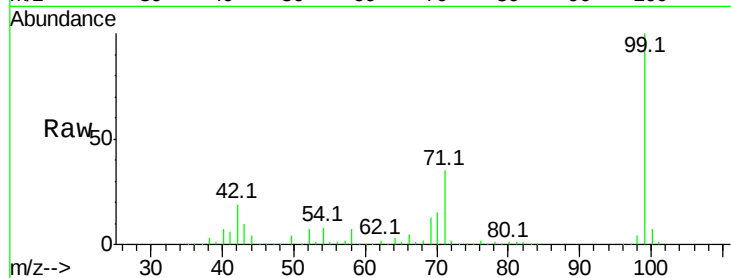
Tot Ion: 99 Resp: 637506

Ion Ratio Lower Upper

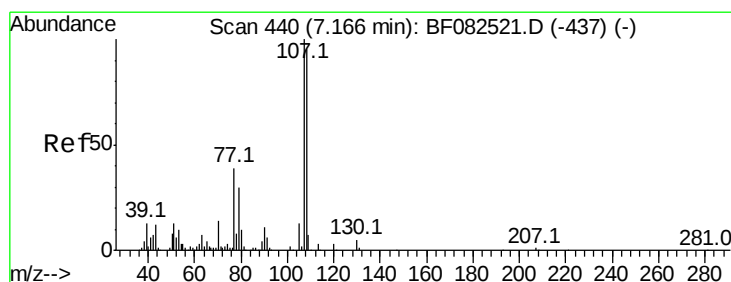
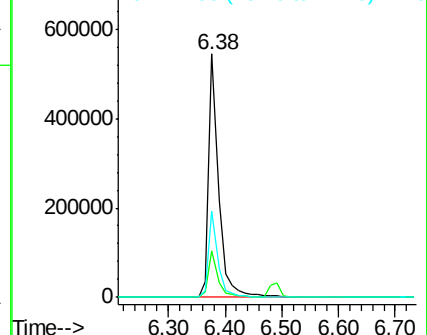
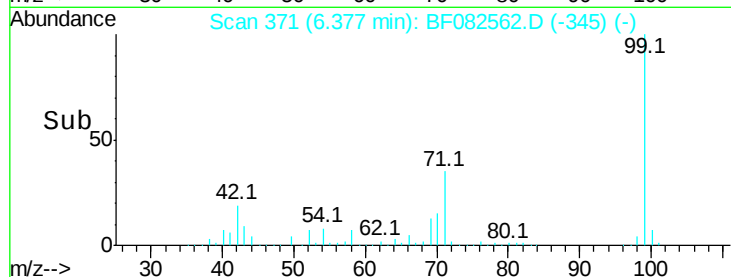
99 100

42 18.9 15.1 22.7

71 35.5 28.2 42.2



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



#20

3+4-Methylphenols

Concen: 6.35 ng

RT: 7.17 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF082562.D

Acq: 27 Oct 2015 22:40

Tgt Ion:107 Resp: 32305

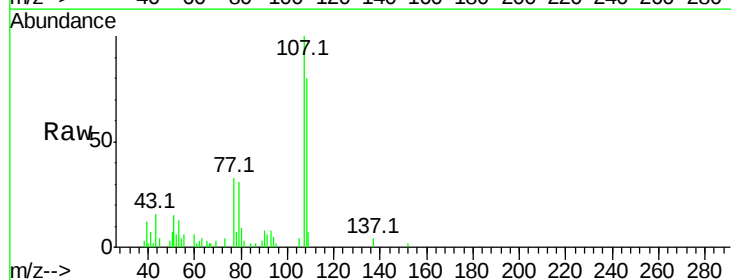
Ion Ratio Lower Upper

107 100

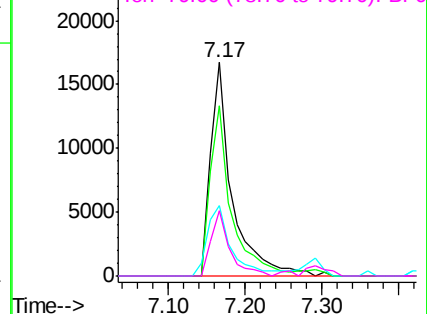
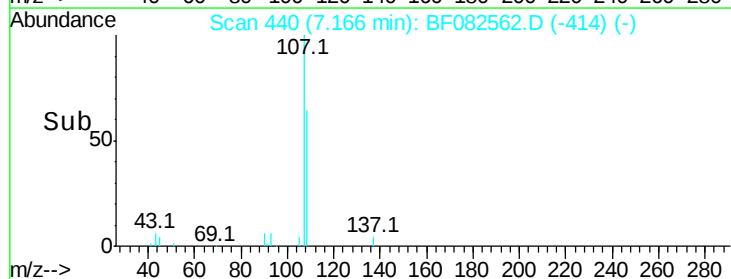
108 79.5 74.8 114.8

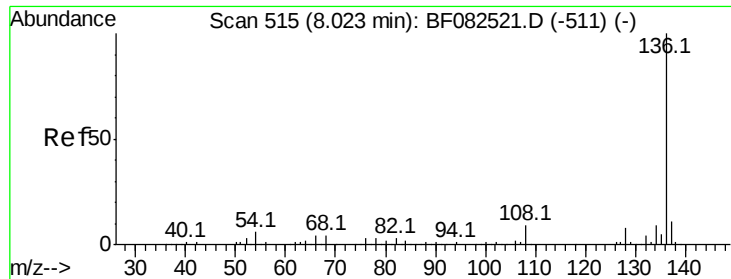
77 32.8 20.3 60.3

79 30.7 10.2 50.2



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

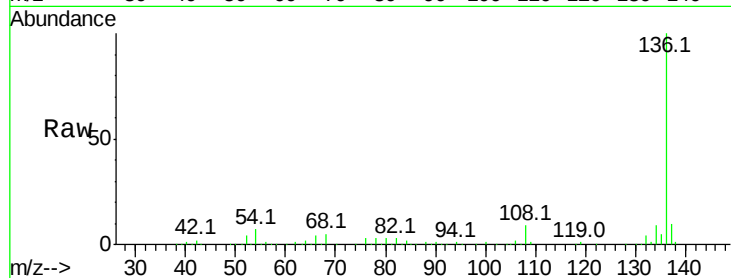




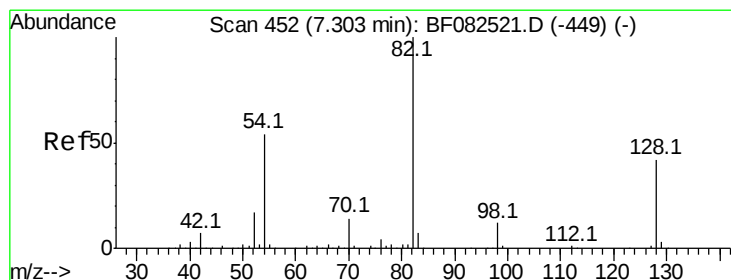
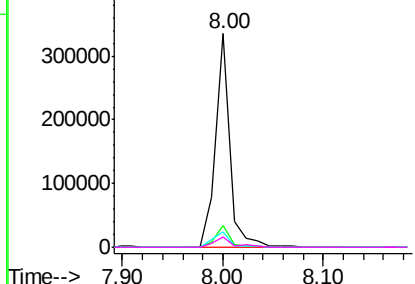
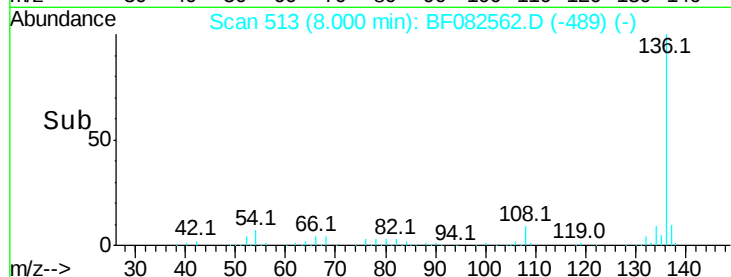
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF082562.D
Acq: 27 Oct 2015 22:40

Instrument :
BNA_F
ClientSampleId :
WOOD-1

Tot Ion:	136	Resp:	334947
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	13.0
54	7.0	4.6	7.0#
68	4.5	3.2	4.8

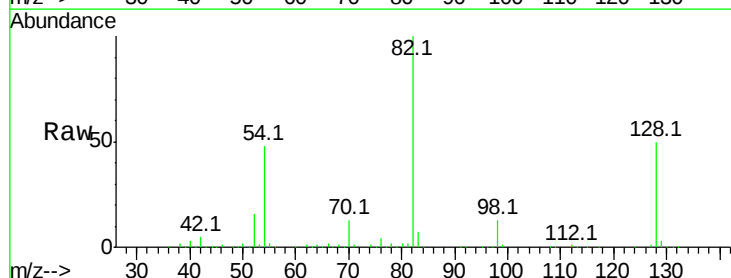


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

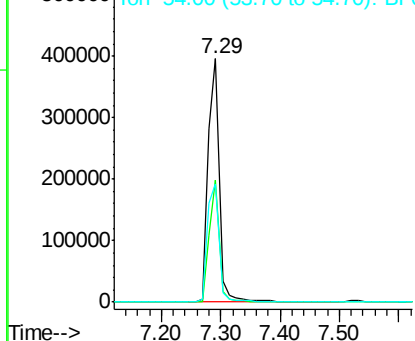
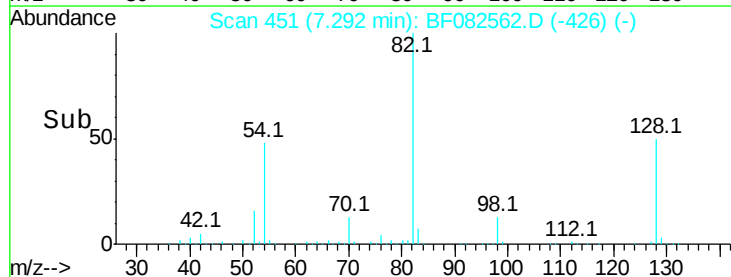


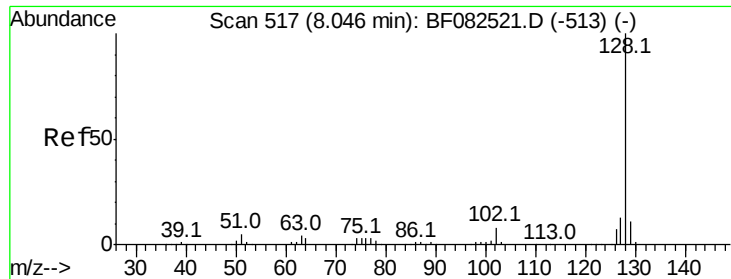
#23
Nitrobenzene-d5
Concen: 100.02 ng
RT: 7.29 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF082562.D
Acq: 27 Oct 2015 22:40

Tgt Ion:	82	Resp:	519319
Ion	Ratio	Lower	Upper
82	100		
128	50.3	33.4	50.0#
54	48.4	43.5	65.3



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

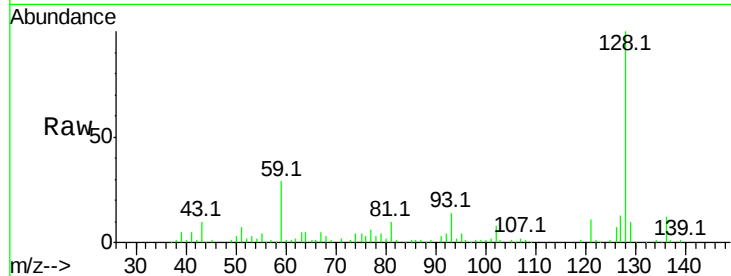




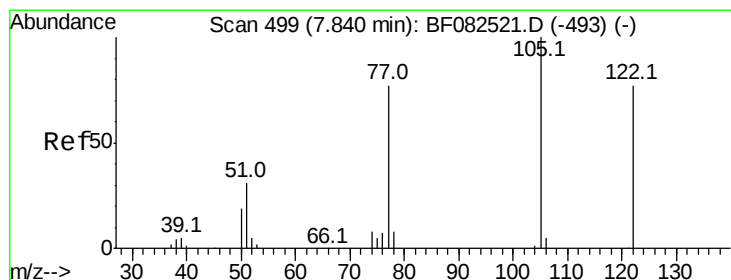
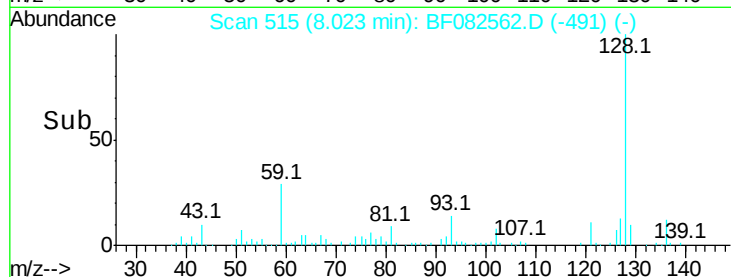
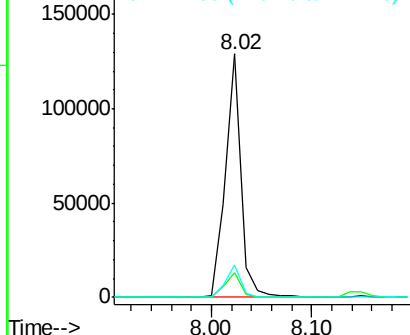
#31
Naphthalene
Concen: 9.10 ng
RT: 8.02 min Scan# 515
Delta R.T. -0.02 min
Lab File: BF082562.D
Acq: 27 Oct 2015 22:40

Instrument :
BNA_F
ClientSampleId :
WOOD-1

Tot Ion:128 Resp: 139263
Ion Ratio Lower Upper
128 100
129 10.3 8.6 12.8
127 13.1 10.7 16.1

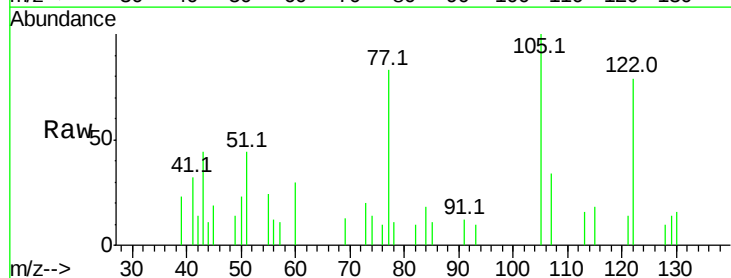


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

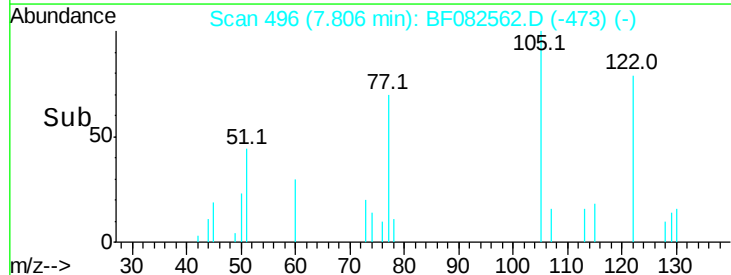
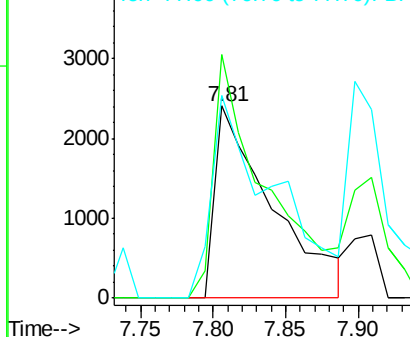


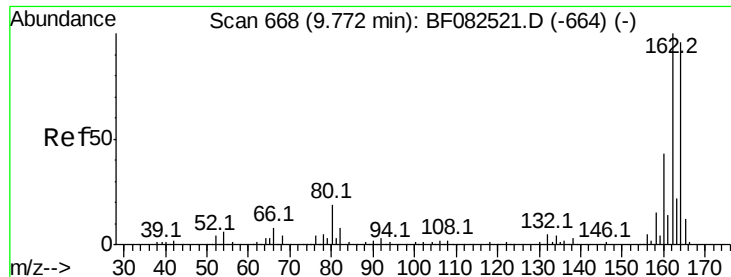
#32
Benzoic acid
Concen: 2.58 ng
RT: 7.81 min Scan# 496
Delta R.T. -0.03 min
Lab File: BF082562.D
Acq: 27 Oct 2015 22:40

Tgt Ion:122 Resp: 6577
Ion Ratio Lower Upper
122 100
105 126.6 106.4 146.4
77 105.2 79.1 119.1



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

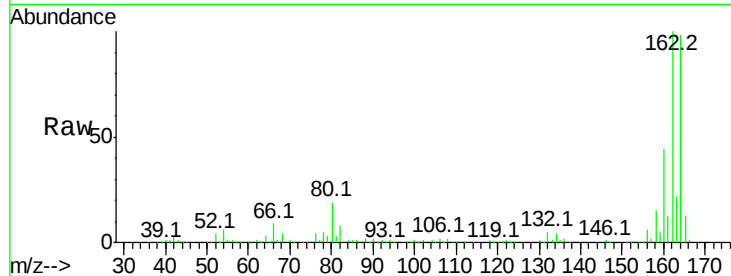




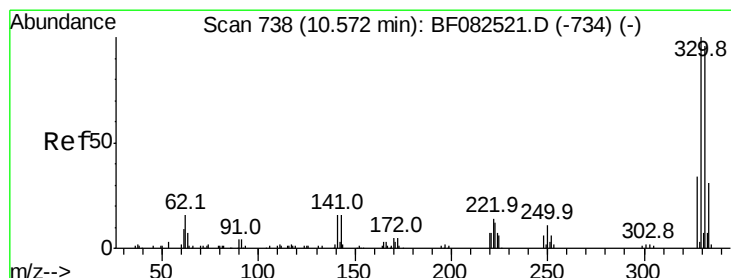
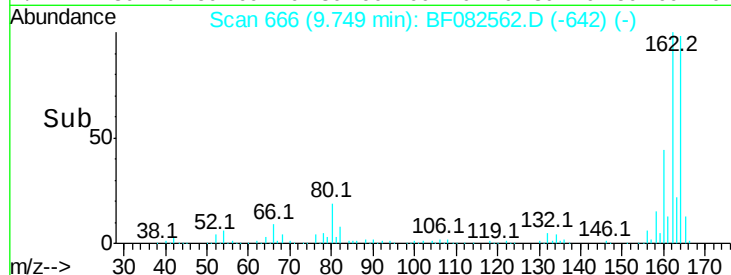
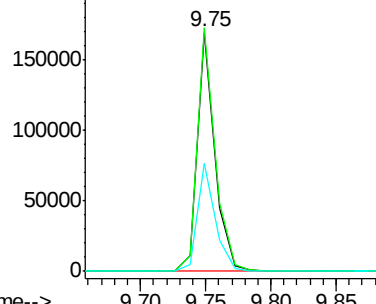
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 666
Delta R.T. -0.02 min
Lab File: BF082562.D
Acq: 27 Oct 2015 22:40

Instrument :
BNA_F
ClientSampleId :
WOOD-1

Tot Ion:164 Resp: 158149
Ion Ratio Lower Upper
164 100
162 102.0 83.6 125.4
160 45.0 36.0 54.0

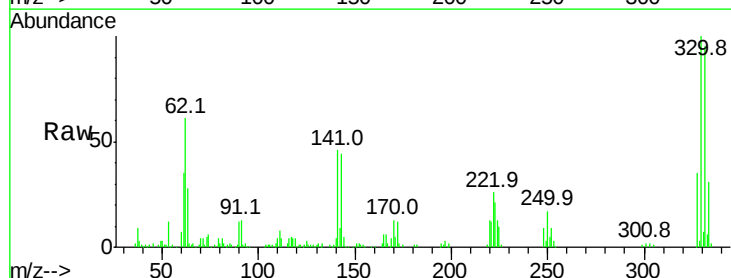


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

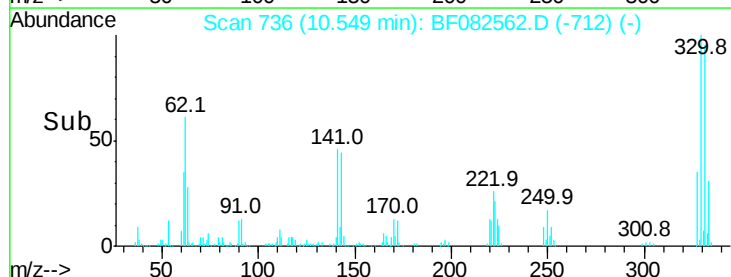
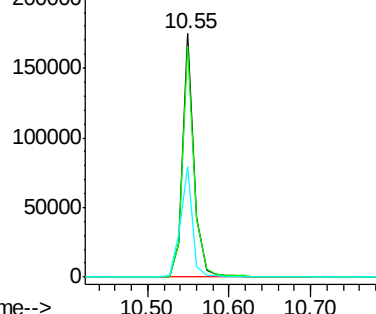


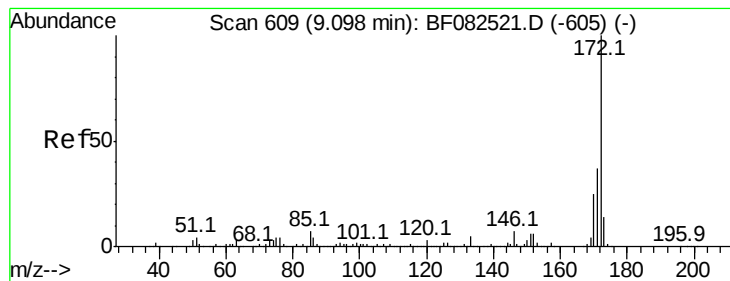
#41
2,4,6-Tribromophenol
Concen: 147.12 ng
RT: 10.55 min Scan# 736
Delta R.T. -0.02 min
Lab File: BF082562.D
Acq: 27 Oct 2015 22:40

Tgt Ion:330 Resp: 174225
Ion Ratio Lower Upper
330 100
332 96.3 77.4 116.0
141 48.6 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

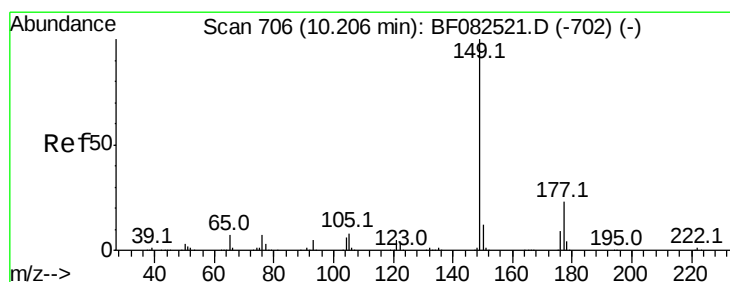
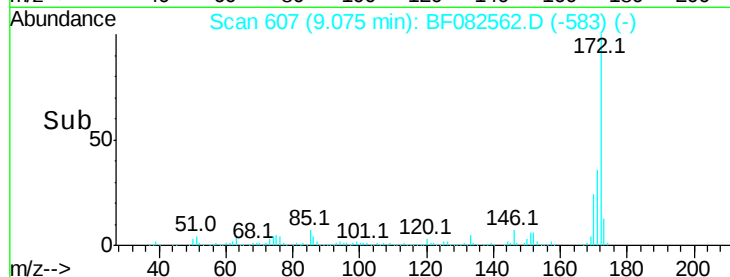
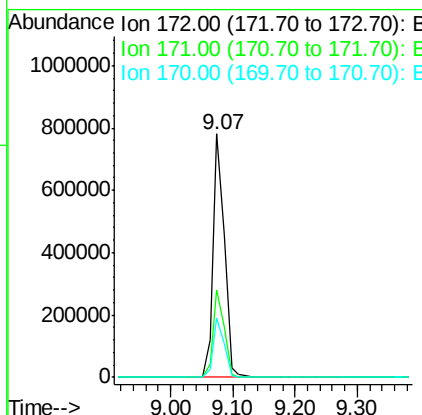
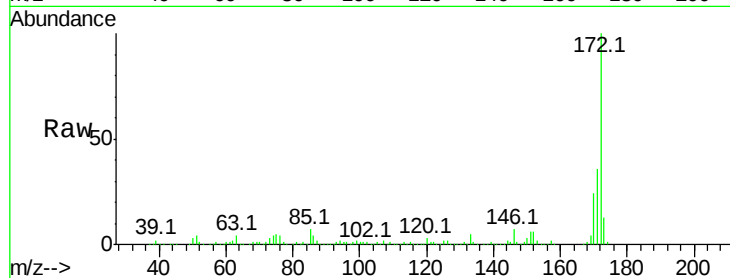




#44
2-Fluorobiphenyl
Concen: 97.63 ng
RT: 9.07 min Scan# 607
Delta R.T. -0.02 min
Lab File: BF082562.D
Acq: 27 Oct 2015 22:40

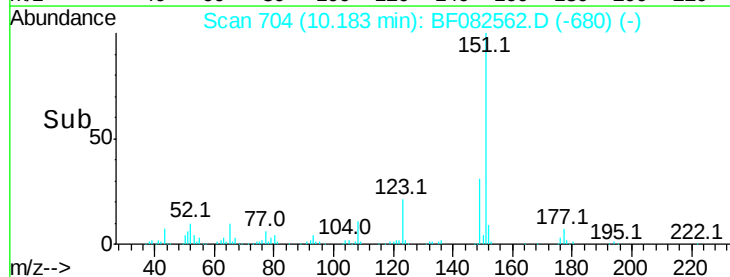
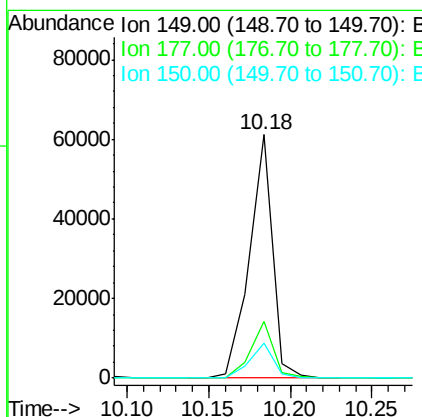
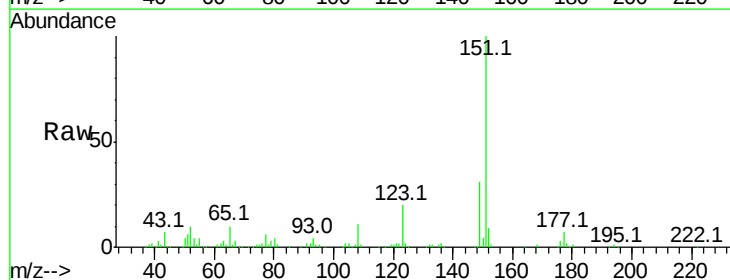
Instrument :
BNA_F
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WOOD-1

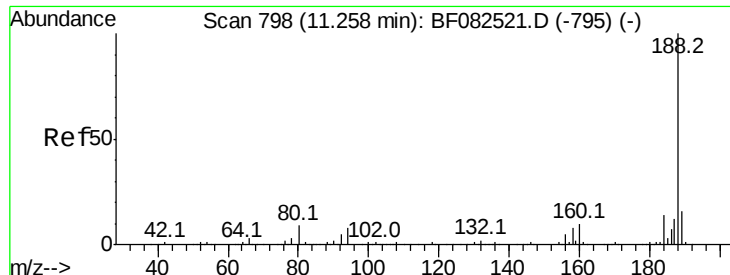
Tot Ion:172 Resp: 971009
Ion Ratio Lower Upper
172 100
171 36.0 29.3 43.9
170 24.2 19.8 29.6



#59
Diethylphthalate
Concen: 5.62 ng
RT: 10.18 min Scan# 704
Delta R.T. -0.02 min
Lab File: BF082562.D
Acq: 27 Oct 2015 22:40

Tgt Ion:149 Resp: 60189
Ion Ratio Lower Upper
149 100
177 23.5 18.6 28.0
150 14.2 9.9 14.9

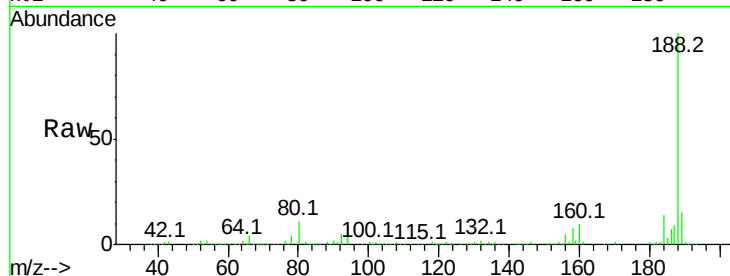




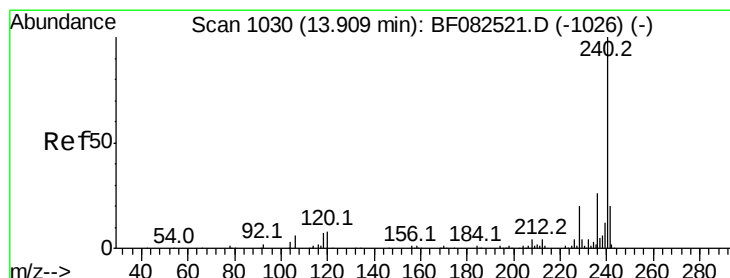
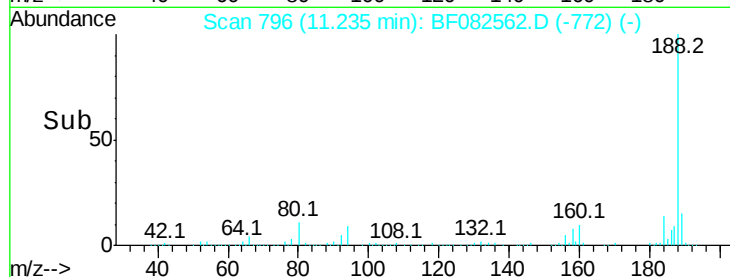
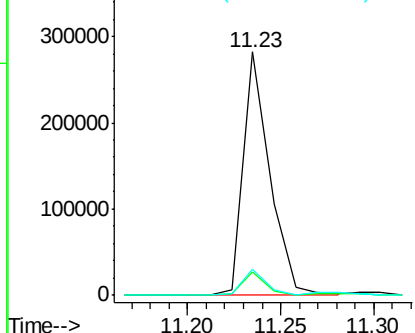
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF082562.D
Acq: 27 Oct 2015 22:40

Instrument :
BNA_F
ClientSampleId :
WOOD-1

Tot Ion:188 Resp: 280162
Ion Ratio Lower Upper
188 100
94 9.5 6.4 9.6
80 10.5 7.0 10.6

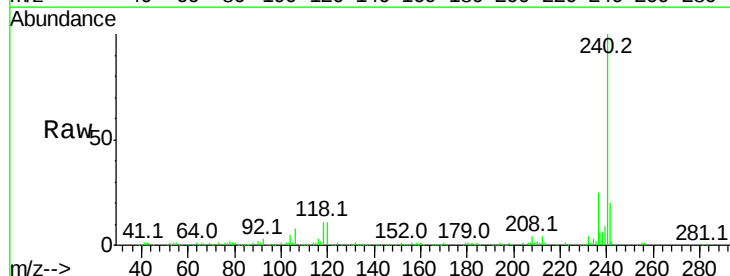


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

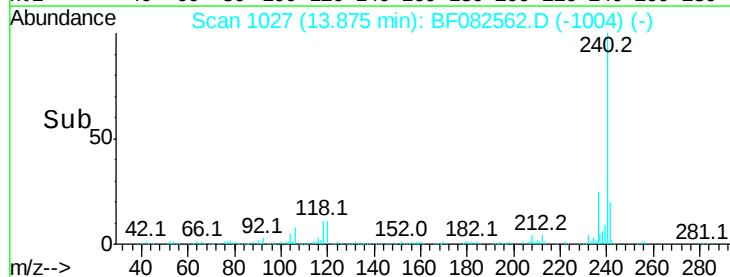
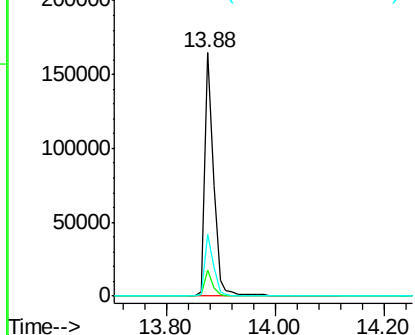


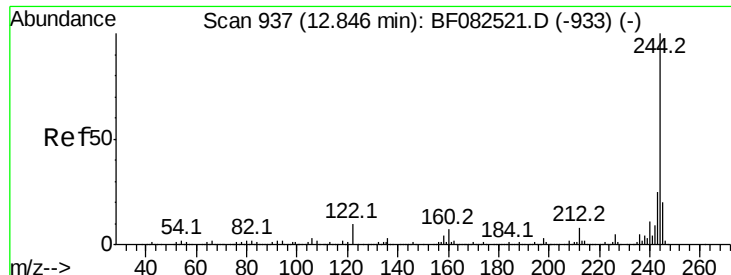
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1027
Delta R.T. -0.03 min
Lab File: BF082562.D
Acq: 27 Oct 2015 22:40

Tgt Ion:240 Resp: 184999
Ion Ratio Lower Upper
240 100
120 10.9 6.5 9.7#
236 25.2 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

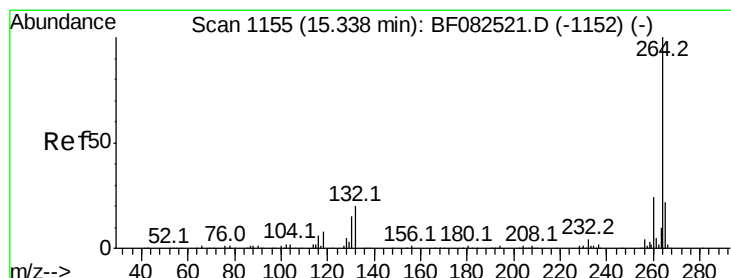
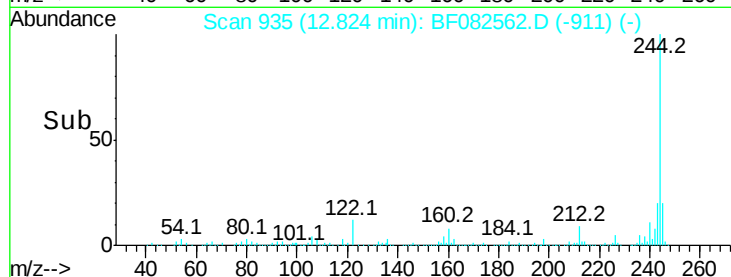
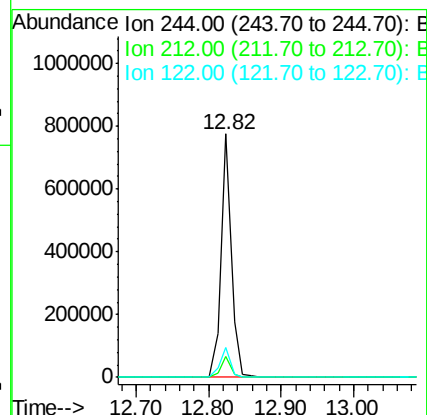
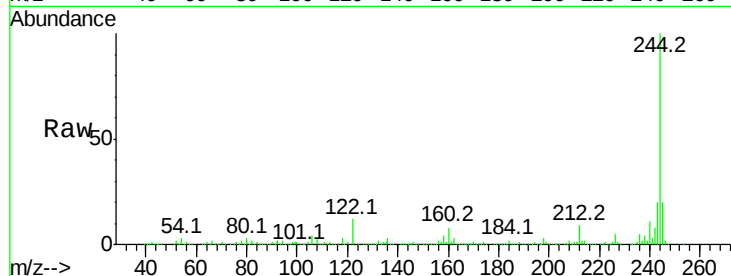




#78
 Terphenyl-d14
 Concen: 119.65 ng
 RT: 12.82 min Scan# 935
 Delta R.T. -0.02 min
 Lab File: BF082562.D
 Acq: 27 Oct 2015 22:40

Instrument :
 BNA_F
 ClientSampleId :
 WOOD-1

Tot Ion:244 Resp: 768295
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.4 9.6
 122 12.1 8.1 12.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1151
 Delta R.T. -0.05 min
 Lab File: BF082562.D
 Acq: 27 Oct 2015 22:40

Tgt Ion:264 Resp: 162915
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.6
 265 21.7 17.8 26.6

