

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
 Data File : BF082514.D
 Acq On : 24 Oct 2015 15:24
 Operator : UM/IZ
 Sample : G4117-15RE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COFF-02(0-2)

Quant Time: Oct 24 23:25:47 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 23 15:17:13 2015
 Response via : Initial Calibration

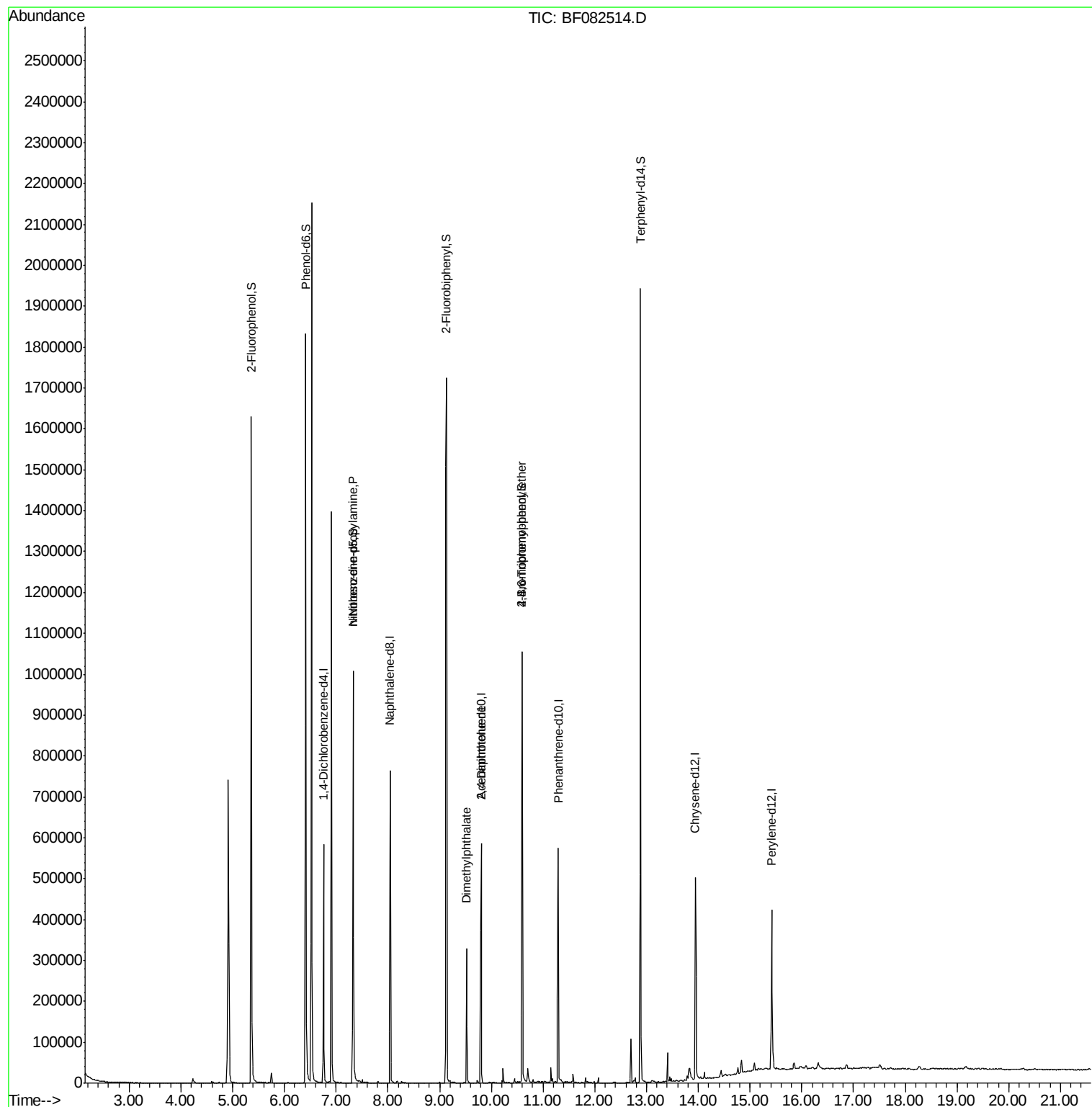
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	91097	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	346718	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	153900	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	251523	20.00	ng	0.00
75) Chrysene-d12	13.94	240	224140	20.00	ng	-0.09
86) Perylene-d12	15.42	264	183790	20.00	ng	-0.21
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	568658	125.98	ng	0.01
7) Phenol-d6	6.41	99	740463	126.06	ng	-0.01
23) Nitrobenzene-d5	7.33	82	390501	75.64	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	111122	76.99	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	847178	91.29	ng	0.00
78) Terphenyl-d14	12.88	244	610256	72.15	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.33	70	50568	12.26	ng	# 80
49) Dimethylphthalate	9.52	163	159578	14.72	ng	99
56) 2,4-Dinitrotoluene	9.81	165	19005	6.65	ng	# 21
66) 4-Bromophenyl-phenylether	10.59	248	8469	3.36	ng	# 1

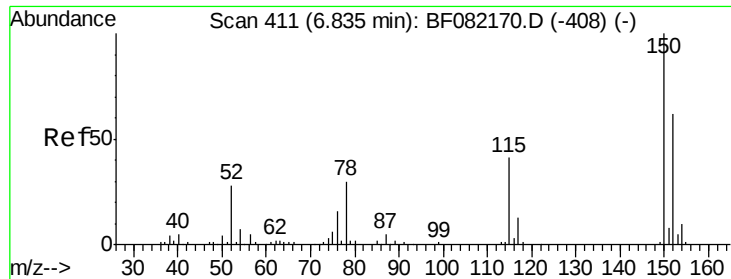
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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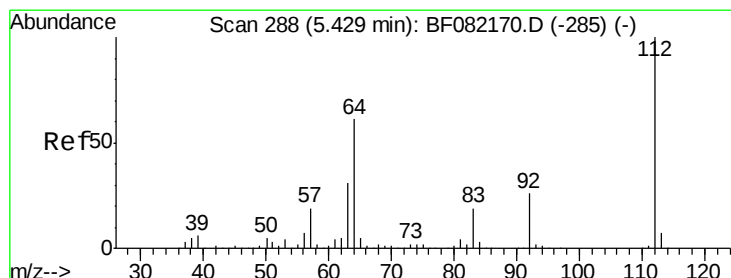
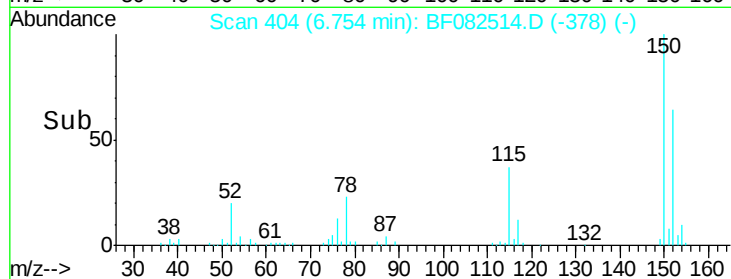
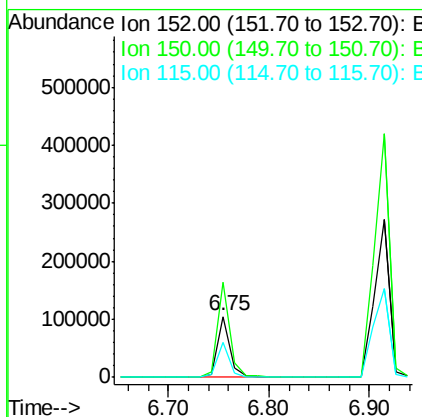
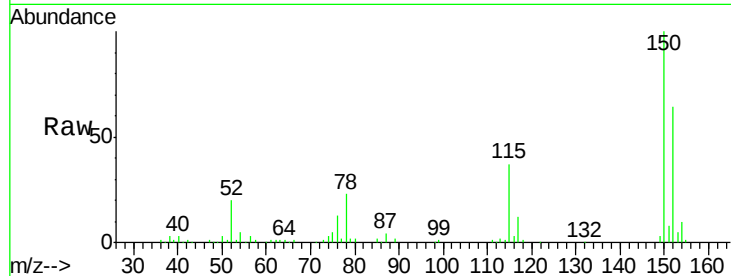


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF082514.D
Acq: 24 Oct 2015 15:24

Instrument :
BNA_F
ClientSampleId :
COFF-02(0-2)

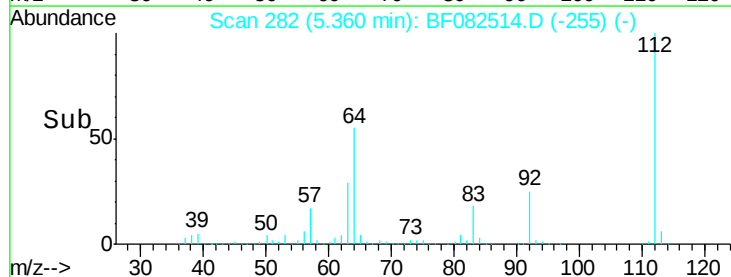
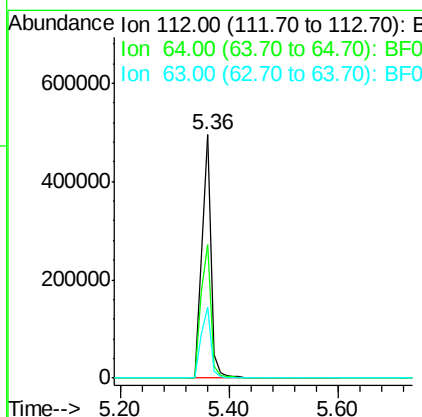
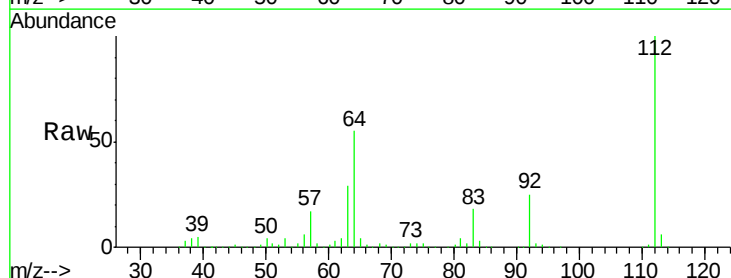
Tgt Ion:152 Resp: 91097
Ion Ratio Lower Upper
152 100
150 156.1 129.0 193.4
115 57.2 52.1 78.1



#5

2-Fluorophenol
Concen: 125.98 ng
RT: 5.36 min Scan# 282
Delta R.T. 0.01 min
Lab File: BF082514.D
Acq: 24 Oct 2015 15:24

Tgt Ion:112 Resp: 568658
Ion Ratio Lower Upper
112 100
64 55.1 48.6 73.0
63 29.3 25.1 37.7





#7

Phenol-d6

Concen: 126.06 ng

RT: 6.41 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF082514.D

Acq: 24 Oct 2015 15:24

Instrument :

BNA_F

ClientSampleId :

COFF-02(0-2)

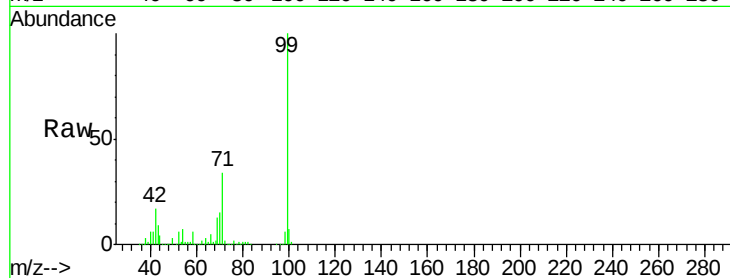
Tgt Ion: 99 Resp: 740463

Ion Ratio Lower Upper

99 100

42 16.8 13.2 19.8

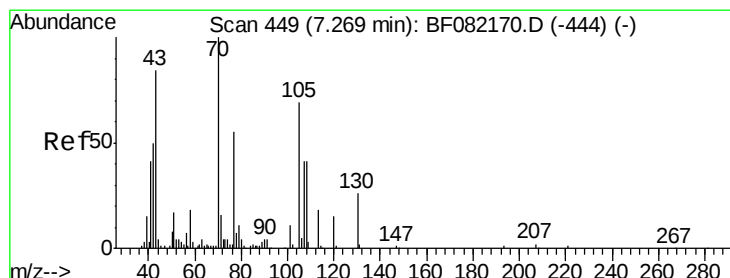
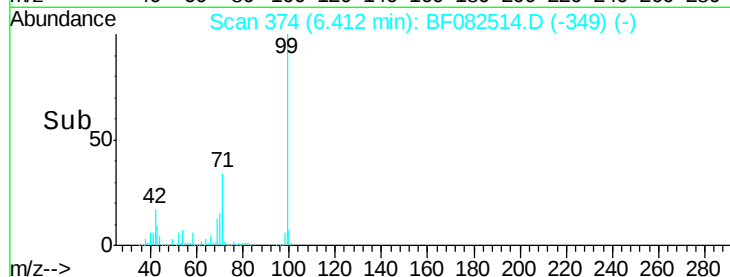
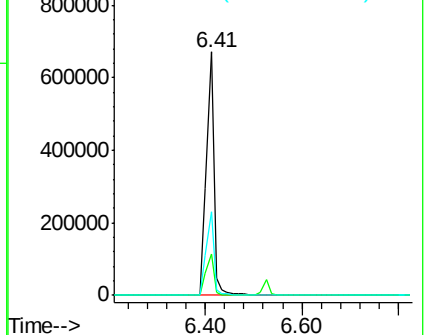
71 34.3 25.6 38.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.26 ng

RT: 7.33 min Scan# 454

Delta R.T. 0.13 min

Lab File: BF082514.D

Acq: 24 Oct 2015 15:24

Tgt Ion: 70 Resp: 50568

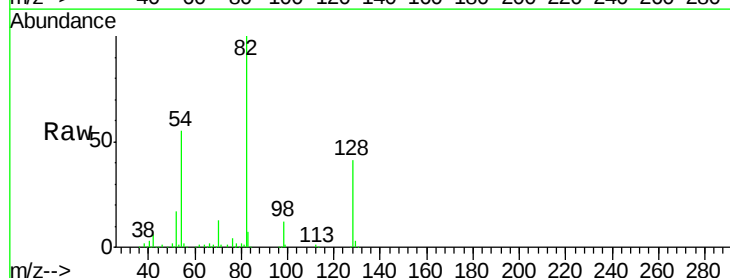
Ion Ratio Lower Upper

70 100

42 47.1 39.8 59.8

101 0.0 8.6 13.0#

130 2.2 20.5 30.7#

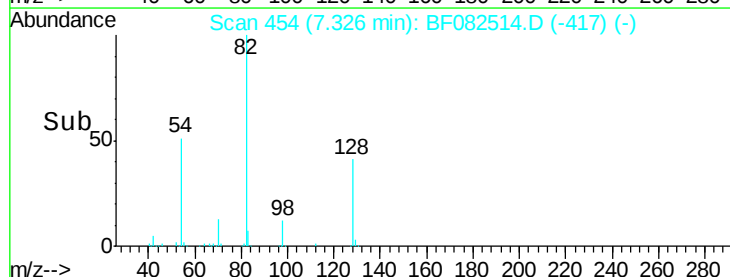
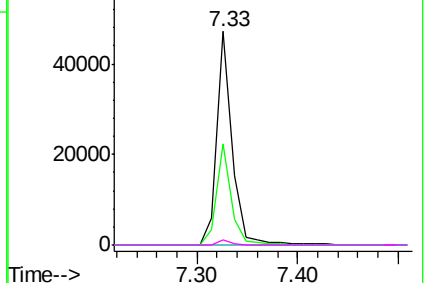


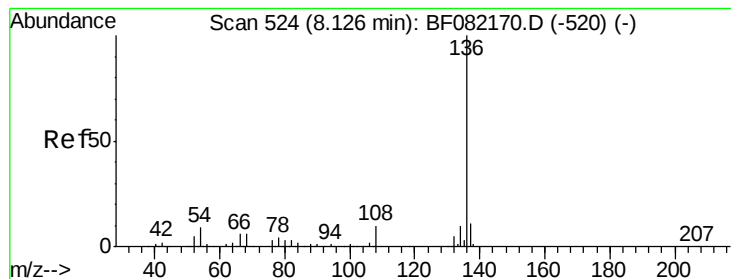
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF082514.D

Acq: 24 Oct 2015 15:24

Instrument :

BNA_F

ClientSampleId :

COFF-02(0-2)

Tgt Ion:136 Resp: 346718

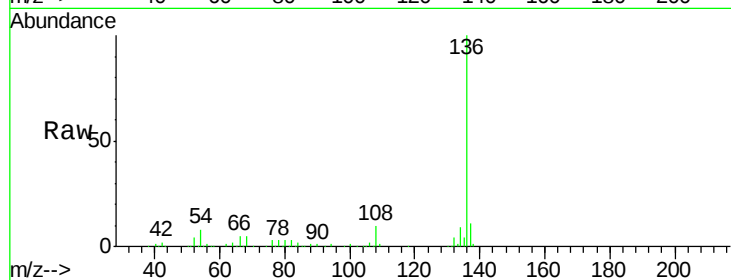
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 7.5 7.5 11.3#

68 4.5 4.6 7.0#

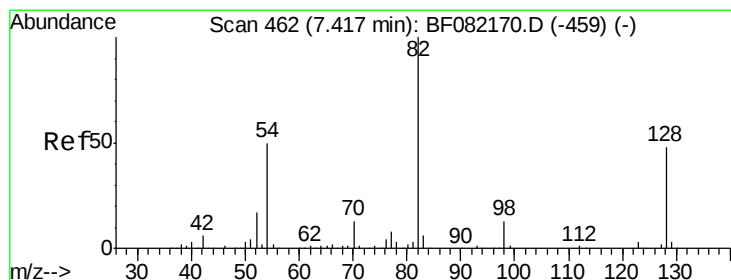
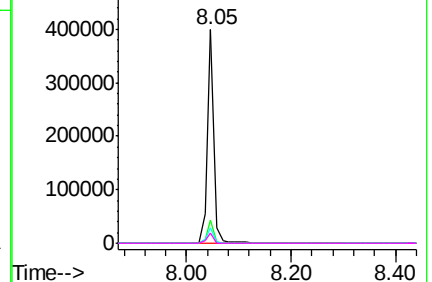
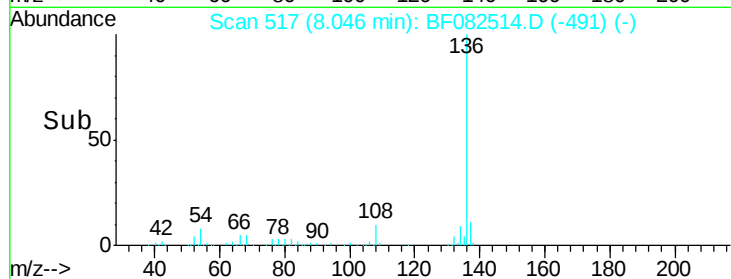


Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.64 ng

RT: 7.33 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF082514.D

Acq: 24 Oct 2015 15:24

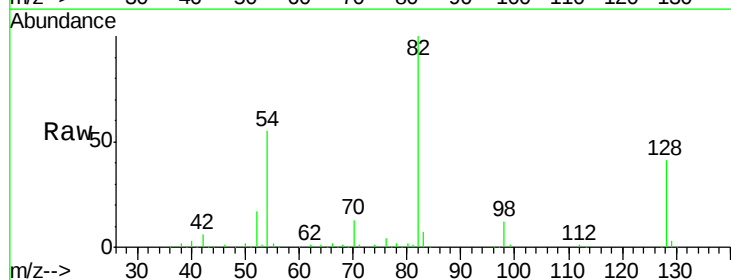
Tgt Ion: 82 Resp: 390501

Ion Ratio Lower Upper

82 100

128 41.0 38.7 58.1

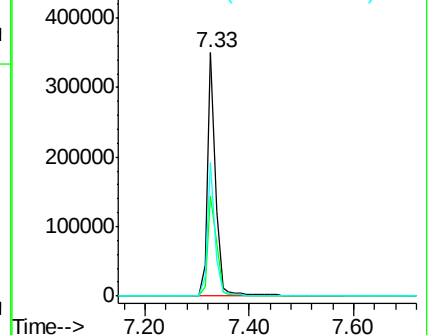
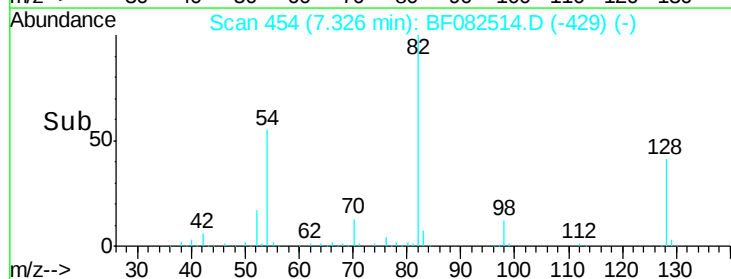
54 54.6 40.1 60.1

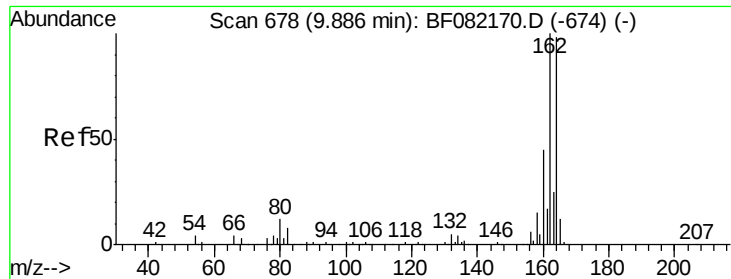


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

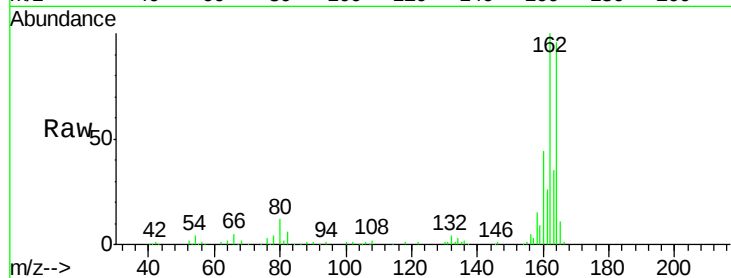




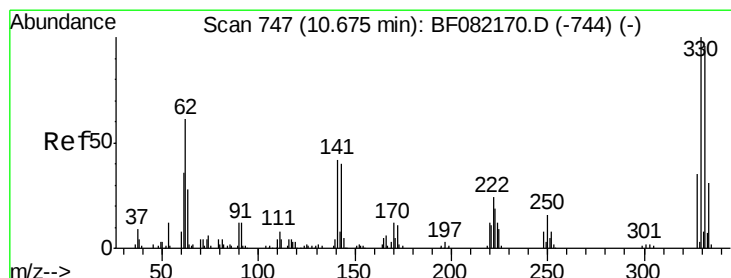
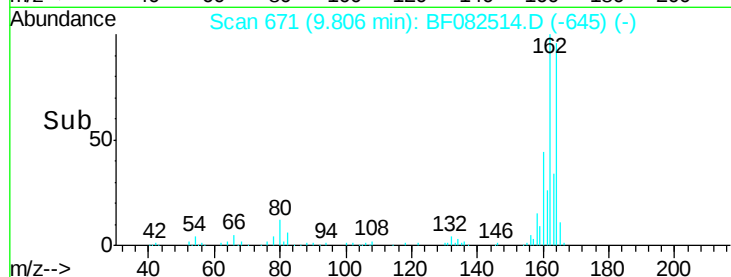
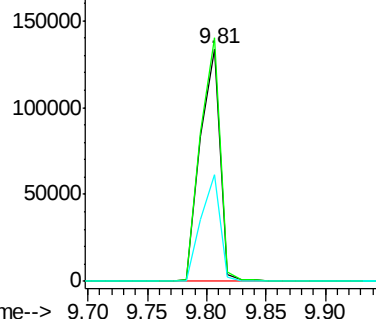
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 671
 Delta R.T. 0.00 min
 Lab File: BF082514.D
 Acq: 24 Oct 2015 15:24

Instrument :
 BNA_F
 ClientSampleId :
 COFF-02(0-2)

Tgt Ion:164 Resp: 153900
 Ion Ratio Lower Upper
 164 100
 162 104.6 81.6 122.4
 160 45.8 36.4 54.6

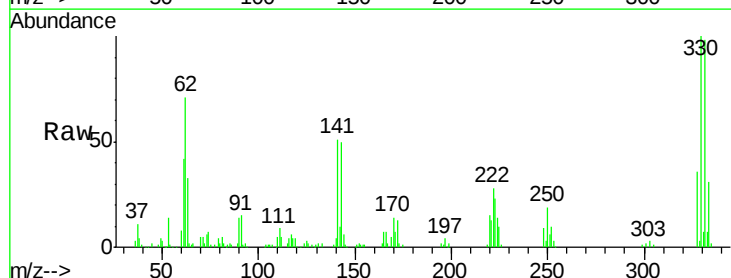


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

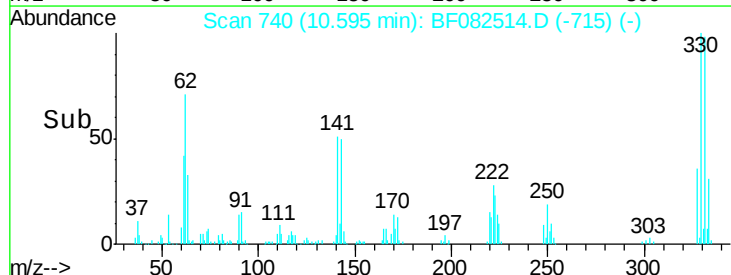
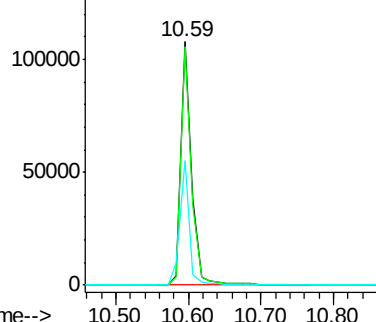


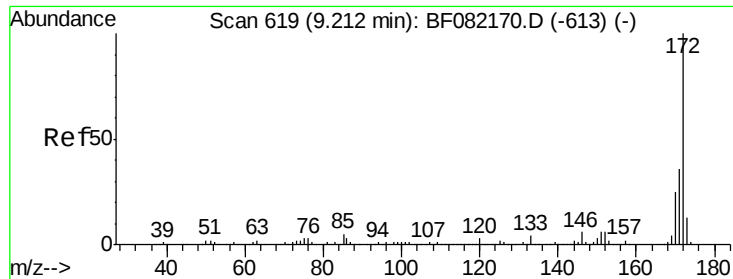
#41
 2,4,6-Tribromophenol
 Concen: 76.99 ng
 RT: 10.59 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF082514.D
 Acq: 24 Oct 2015 15:24

Tgt Ion:330 Resp: 111122
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.1 115.7
 141 45.0 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

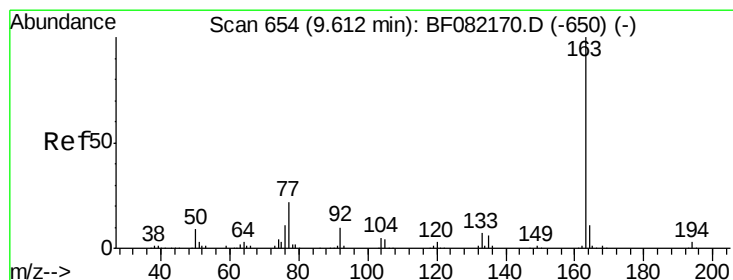
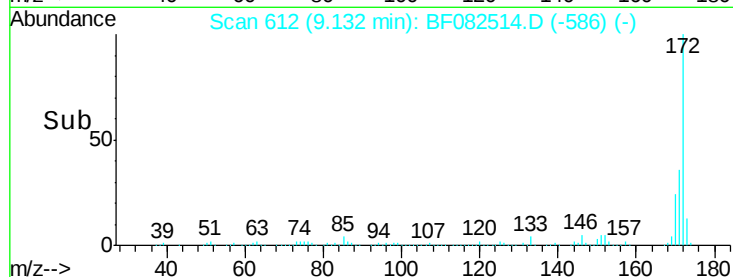
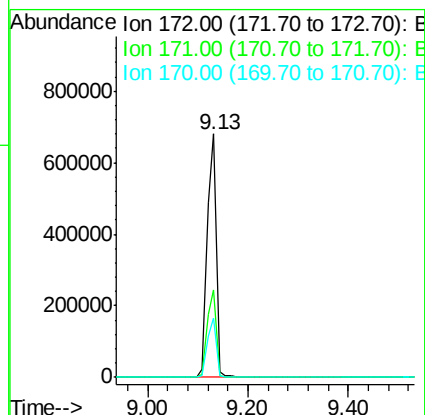
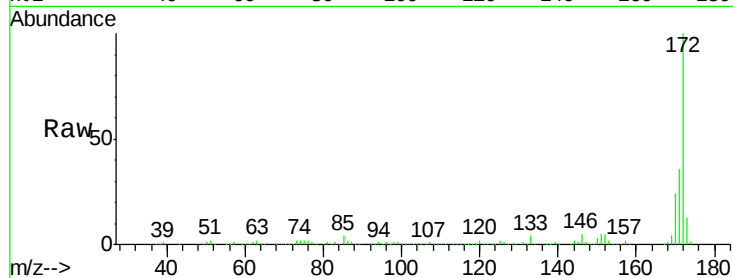




#44
 2-Fluorobiphenyl
 Concen: 91.29 ng
 RT: 9.13 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF082514.D
 Acq: 24 Oct 2015 15:24

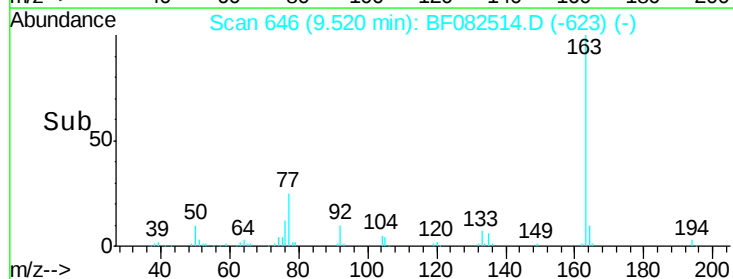
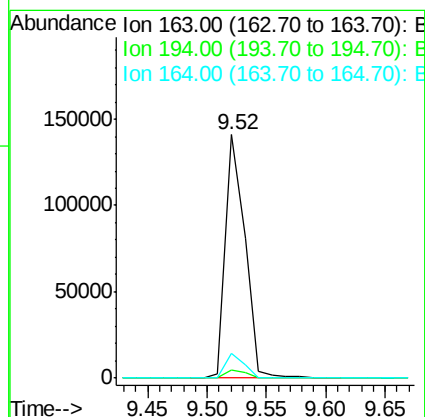
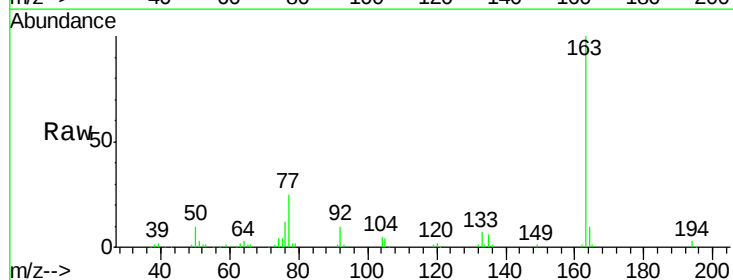
Instrument :
 BNA_F
 ClientSampleId :
 COFF-02(0-2)

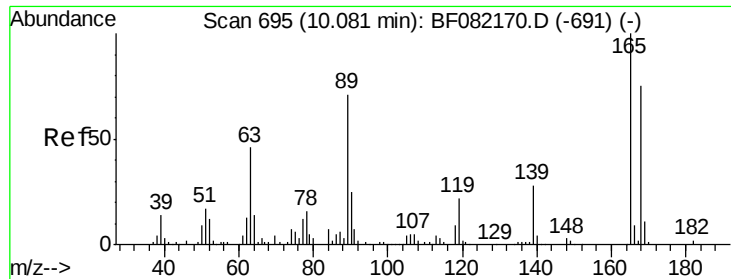
Tgt Ion:172 Resp: 847178
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 42.8
 170 24.3 19.7 29.5



#49
 Dimethylphthalate
 Concen: 14.72 ng
 RT: 9.52 min Scan# 646
 Delta R.T. -0.03 min
 Lab File: BF082514.D
 Acq: 24 Oct 2015 15:24

Tgt Ion:163 Resp: 159578
 Ion Ratio Lower Upper
 163 100
 194 3.1 2.6 4.0
 164 10.3 8.5 12.7

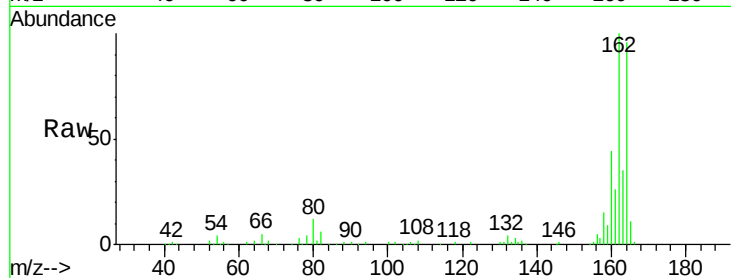




#56
 2,4-Dinitrotoluene
 Concen: 6.65 ng
 RT: 9.81 min Scan# 671
 Delta R.T. -0.22 min
 Lab File: BF082514.D
 Acq: 24 Oct 2015 15:24

Instrument :
 BNA_F
 ClientSampleId :
 COFF-02(0-2)

Tgt Ion:	165	Resp:	19005
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#

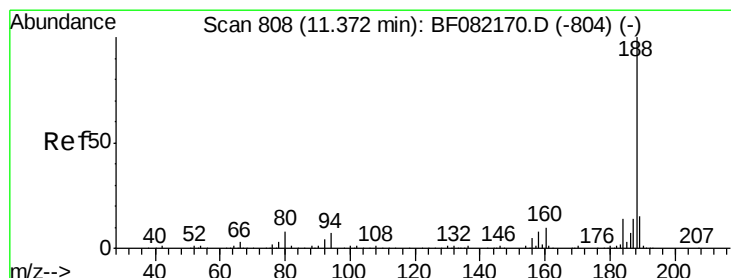
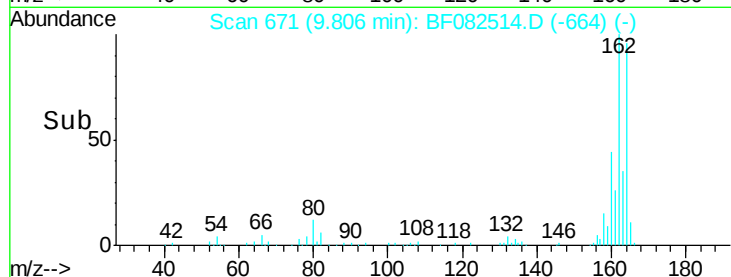
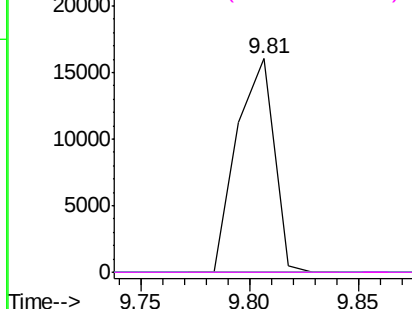


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

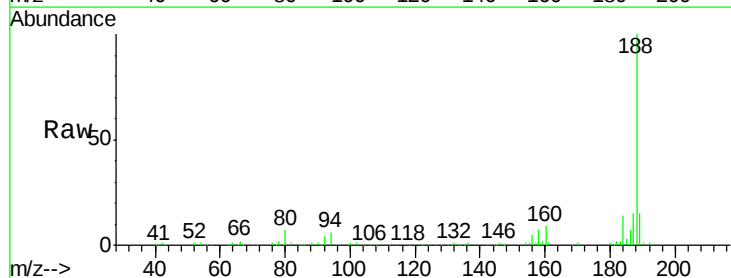
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BF082514.D
 Acq: 24 Oct 2015 15:24

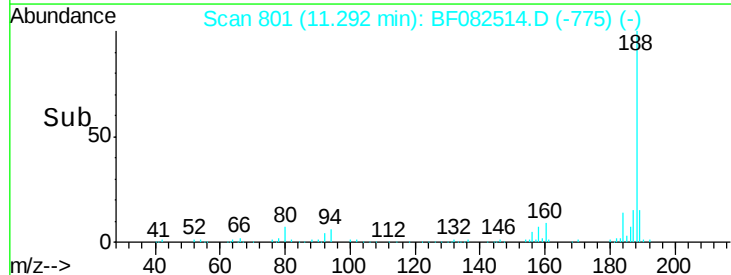
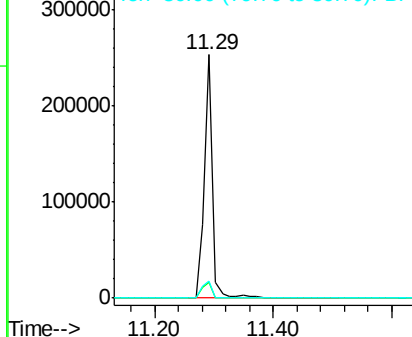
Tgt Ion:	188	Resp:	251523
Ion Ratio	Lower	Upper	
188	100		
94	6.4	5.8	8.6
80	6.8	6.4	9.6

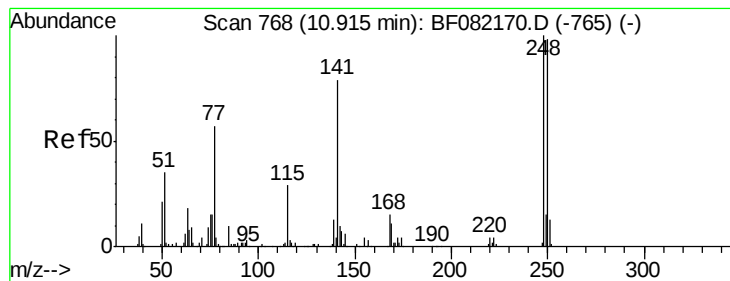


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 3.36 ng

RT: 10.59 min Scan# 740

Delta R.T. -0.25 min

Lab File: BF082514.D

Acq: 24 Oct 2015 15:24

Instrument :

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COFF-02(0-2)

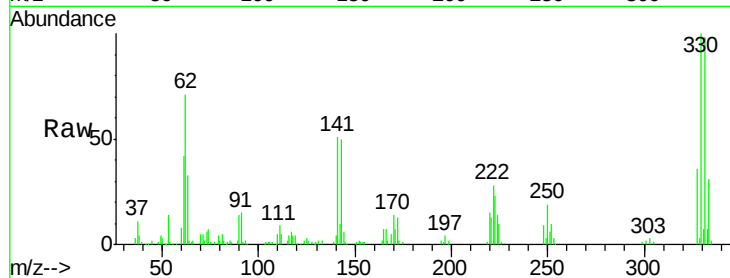
Tgt Ion:248 Resp: 8469

Ion Ratio Lower Upper

248 100

250 206.9 78.6 117.8#

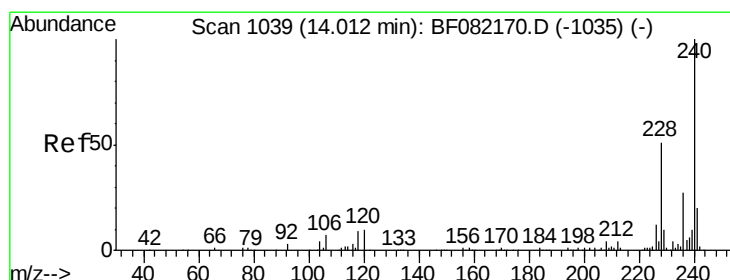
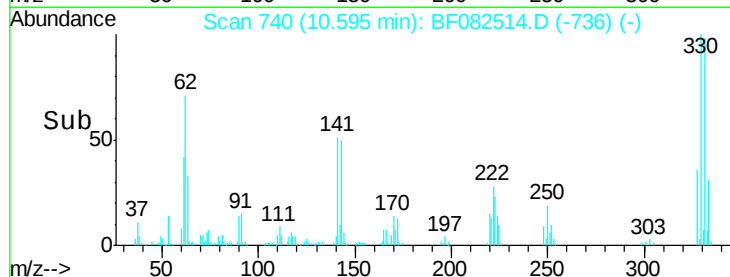
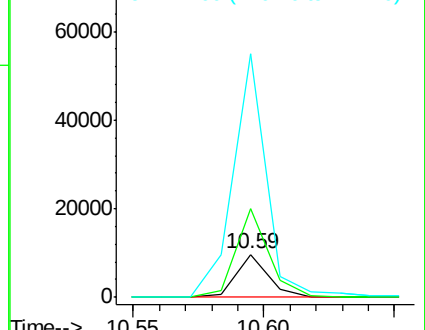
141 565.0 63.3 94.9#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1033

Delta R.T. -0.09 min

Lab File: BF082514.D

Acq: 24 Oct 2015 15:24

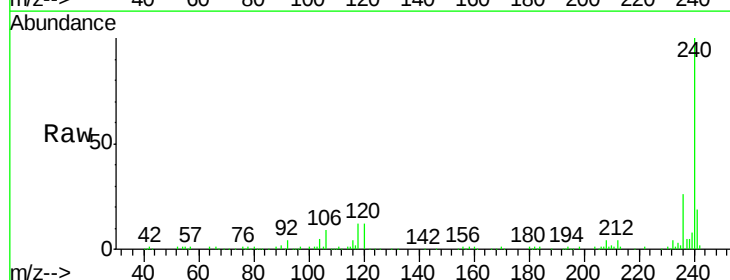
Tgt Ion:240 Resp: 224140

Ion Ratio Lower Upper

240 100

120 12.4 8.1 12.1#

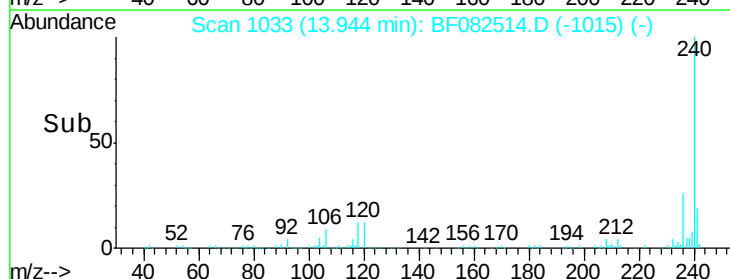
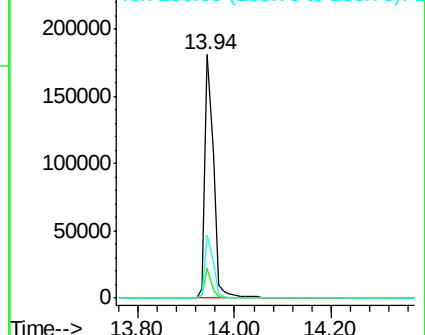
236 25.9 21.3 31.9

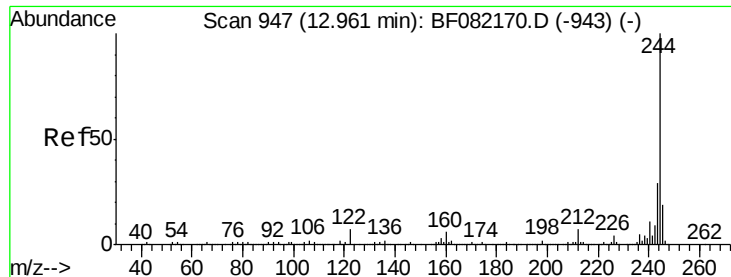


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

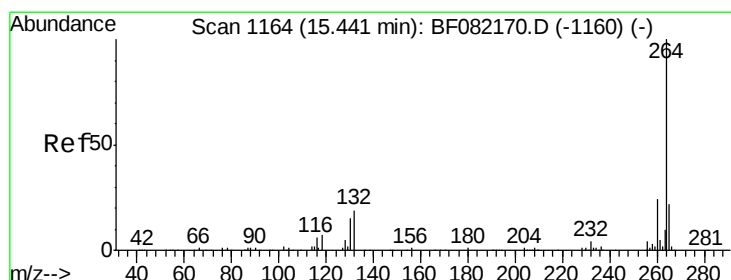
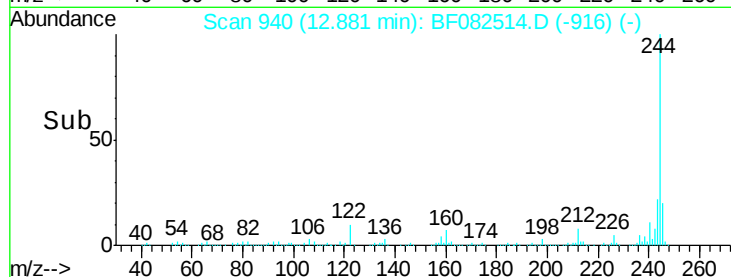
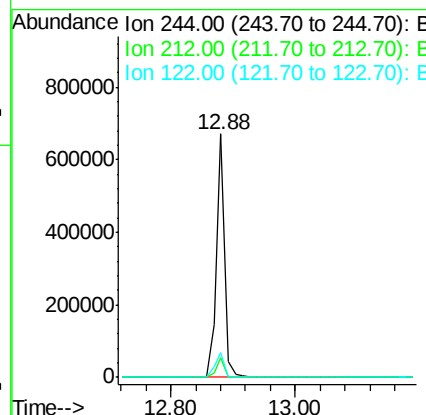
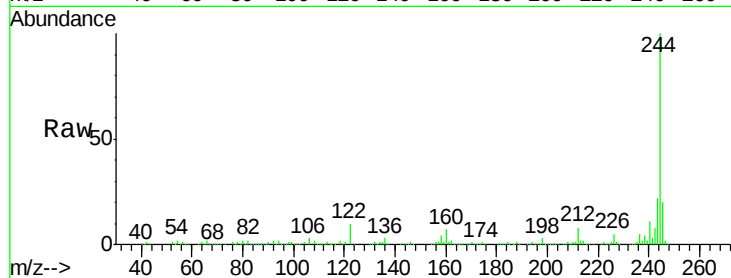




#78
 Terphenyl-d14
 Concen: 72.15 ng
 RT: 12.88 min Scan# 940
 Delta R.T. -0.02 min
 Lab File: BF082514.D
 Acq: 24 Oct 2015 15:24

Instrument :
 BNA_F
 ClientSampleId :
 COFF-02(0-2)

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.6
122	9.9	5.9	8.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.42 min Scan# 1162
 Delta R.T. -0.21 min
 Lab File: BF082514.D
 Acq: 24 Oct 2015 15:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.6
265	21.4	17.3	25.9

