

Data Path : Z:\HPCHEM1\BNA F\Data\BF102115\
 Data File : BF082443.D
 Acq On : 22 Oct 2015 10:59
 Operator : UM/IZ
 Sample : G4117-17
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COFF-03(0-2)

Quant Time: Oct 22 14:05:39 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 13:20:24 2015
 Response via : Initial Calibration

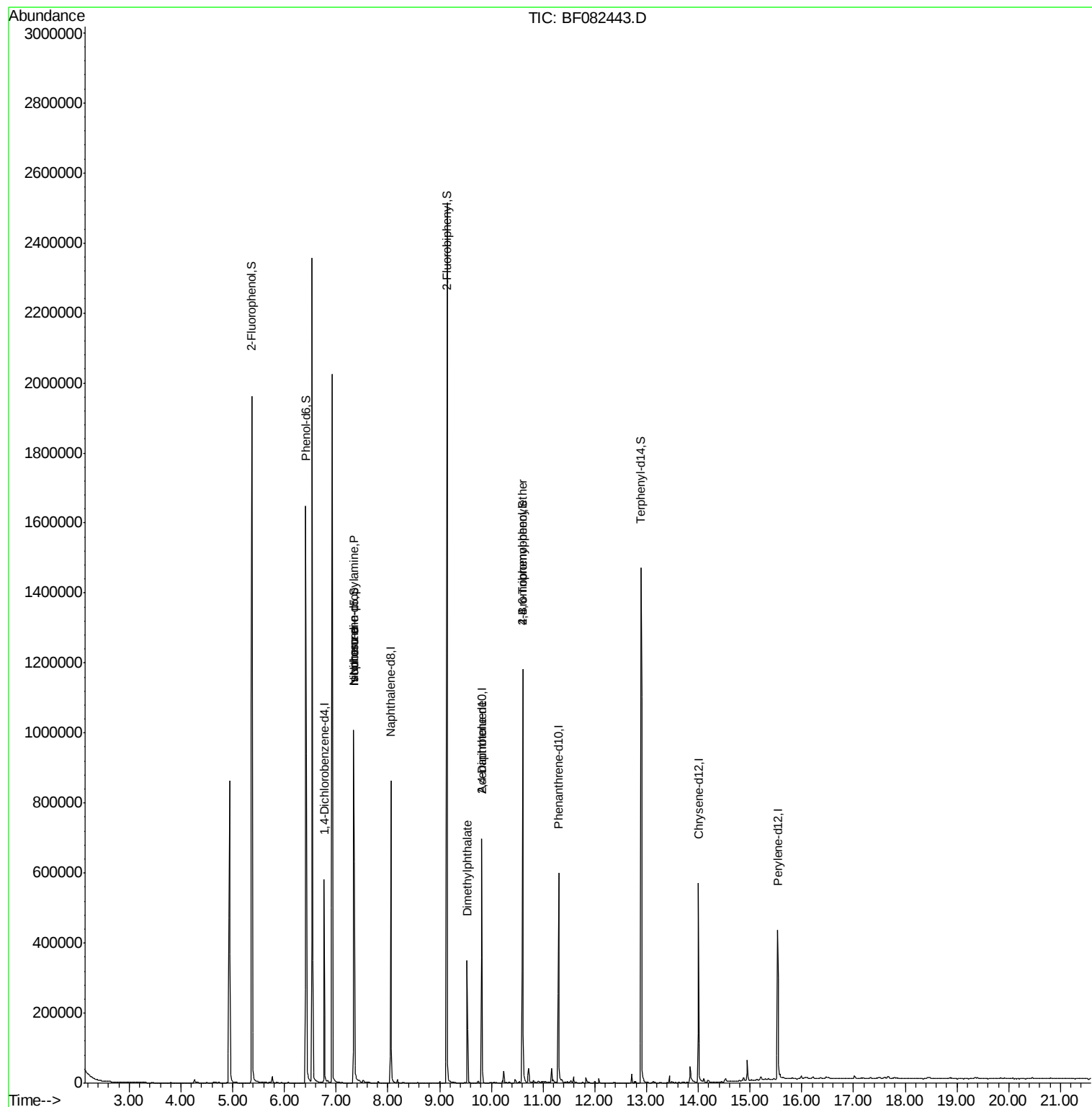
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	99863	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	383408	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	167919	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	275052	20.00	ng	0.00
75) Chrysene-d12	14.00	240	239621	20.00	ng	-0.01
86) Perylene-d12	15.53	264	227588	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	656664	132.71	ng	0.01
7) Phenol-d6	6.41	99	778696	120.93	ng	-0.01
23) Nitrobenzene-d5	7.34	82	457886	80.20	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	130107	82.62	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	963967	95.20	ng	0.00
78) Terphenyl-d14	12.89	244	675479	74.70	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.34	70	59556	13.17	ng	# 81
25) Isophorone	7.34	82	425063	36.89	ng	# 66
49) Dimethylphthalate	9.53	163	170238	14.40	ng	99
56) 2,4-Dinitrotoluene	9.82	165	21115	6.77	ng	# 21
66) 4-Bromophenyl-phenylether	10.61	248	10295	3.74	ng	# 1

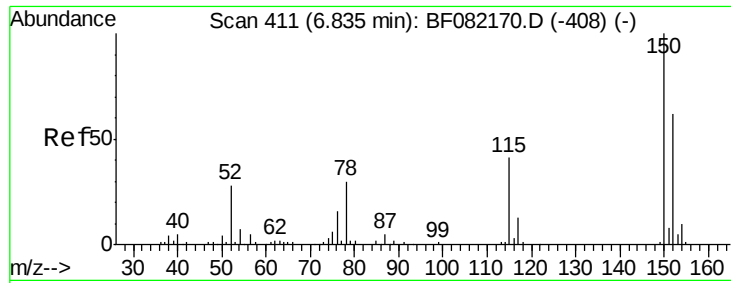
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\Data\BF102115\
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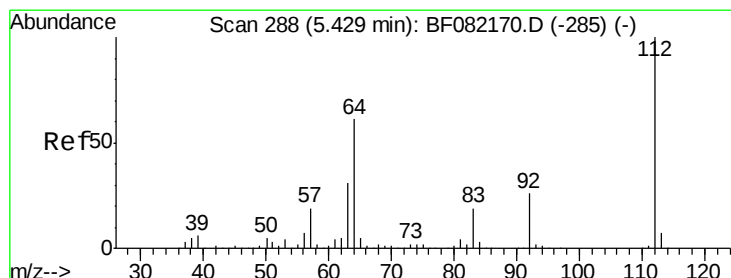
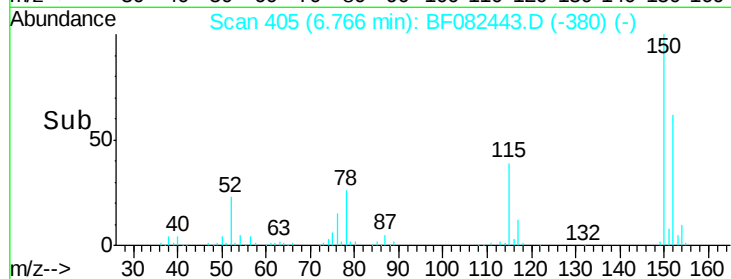
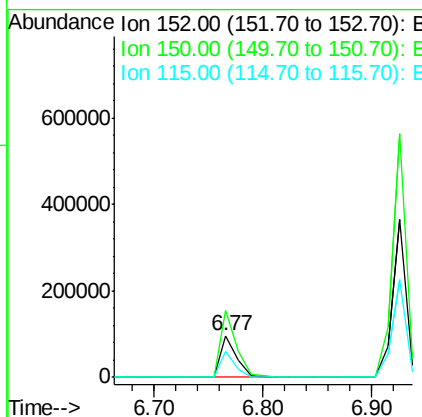
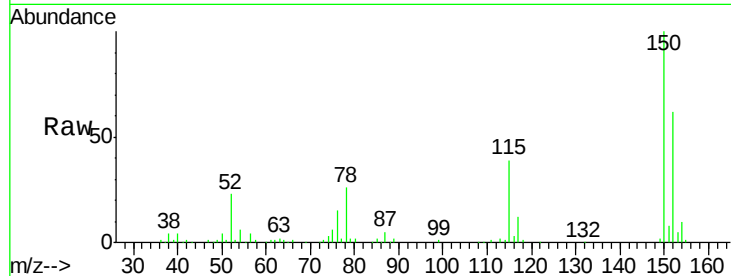


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF082443.D
Acq: 22 Oct 2015 10:59

Instrument :
BNA_F
ClientSampleId :
COFF-03(0-2)

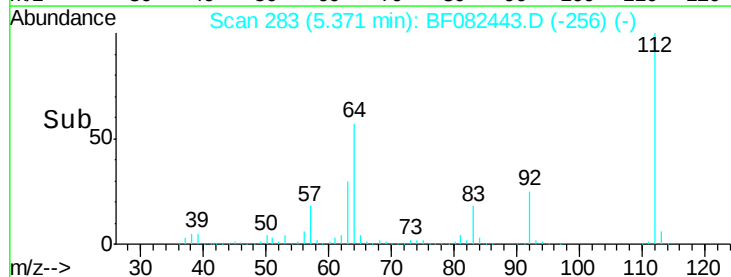
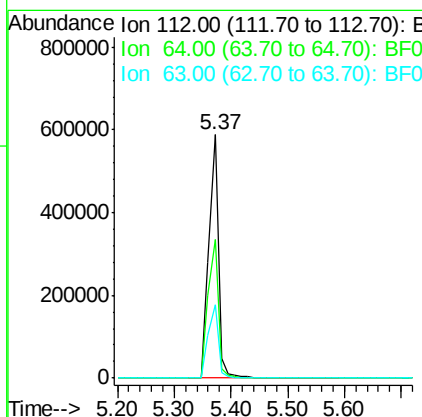
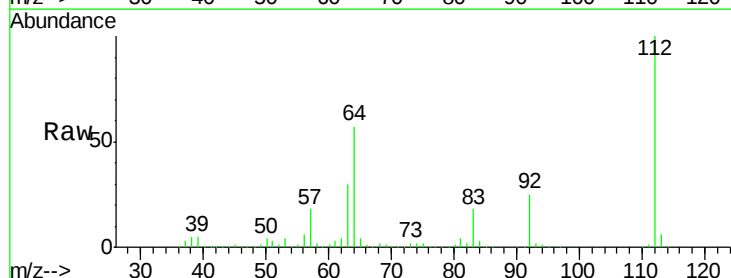
Tot Ion	152	Resp	99863
Ion Ratio	Lower	Upper	
152	100		
150	161.3	129.0	193.4
115	62.9	52.1	78.1

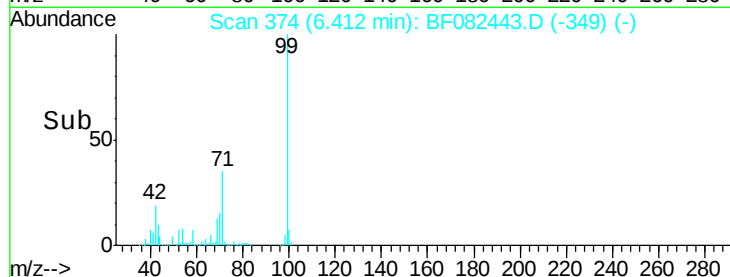
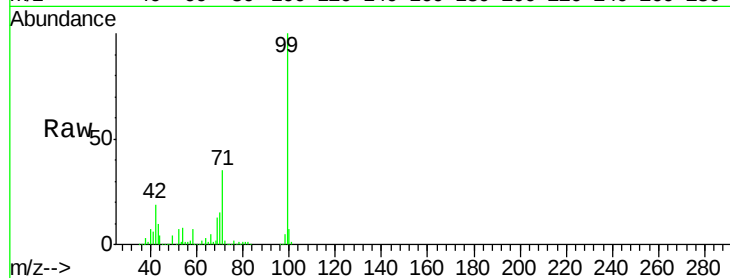


#5

2-Fluorophenol
Concen: 132.71 ng
RT: 5.37 min Scan# 283
Delta R.T. 0.01 min
Lab File: BF082443.D
Acq: 22 Oct 2015 10:59

Tgt Ion	112	Resp	656664
Ion Ratio	Lower	Upper	
112	100		
64	57.0	48.6	73.0
63	30.1	25.1	37.7





#7

Phenol-d6

Concen: 120.93 ng

RT: 6.41 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF082443.D

Acq: 22 Oct 2015 10:59

Instrument :

BNA_F

ClientSampleId :

COFF-03(0-2)

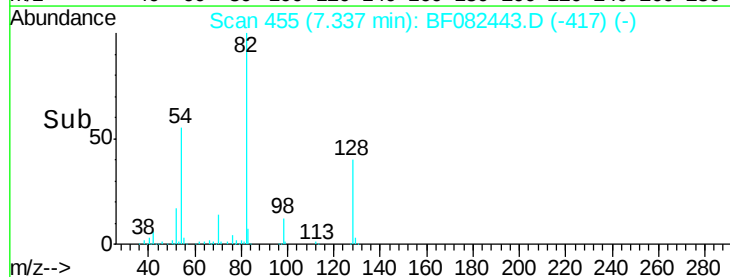
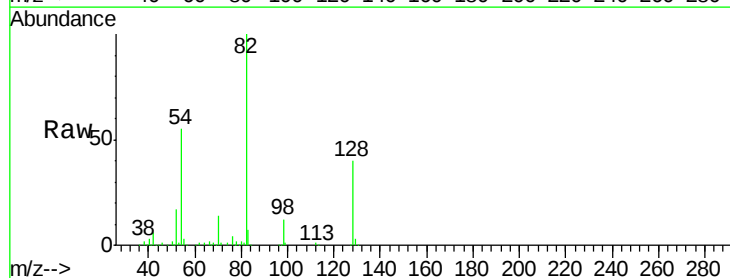
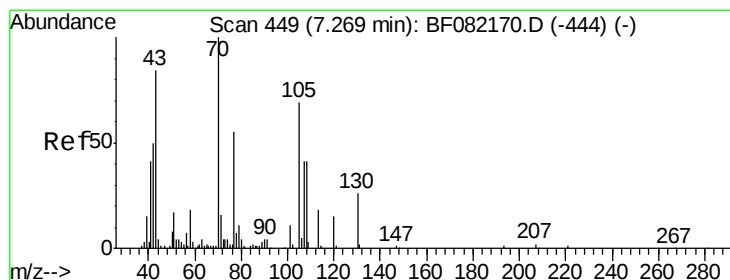
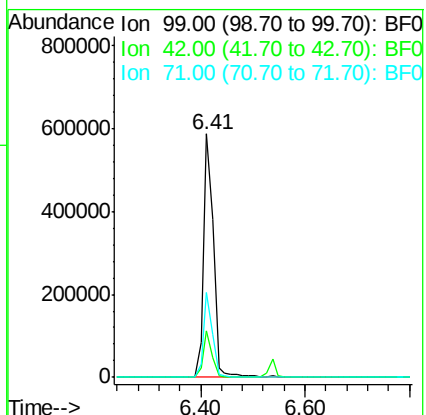
Tot Ion: 99 Resp: 778696

Ion Ratio Lower Upper

99 100

42 19.0 13.2 19.8

71 35.0 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 13.17 ng

RT: 7.34 min Scan# 455

Delta R.T. 0.14 min

Lab File: BF082443.D

Acq: 22 Oct 2015 10:59

Tgt Ion: 70 Resp: 59556

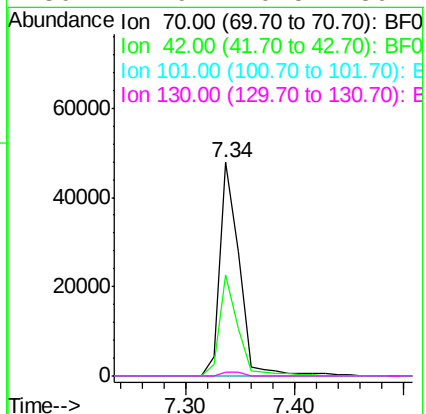
Ion Ratio Lower Upper

70 100

42 47.6 39.8 59.8

101 0.0 8.6 13.0#

130 1.9 20.5 30.7#

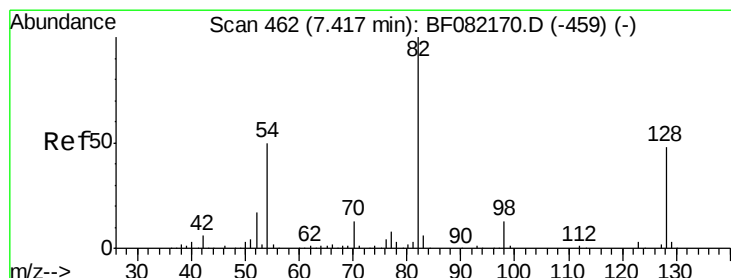
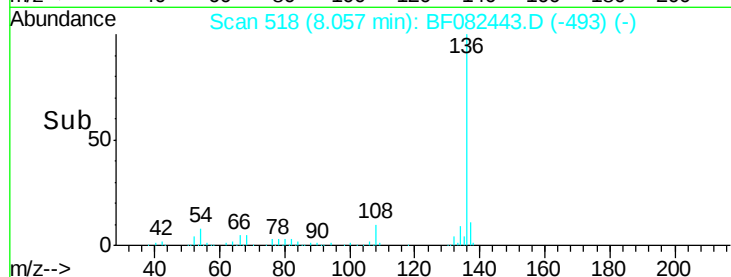
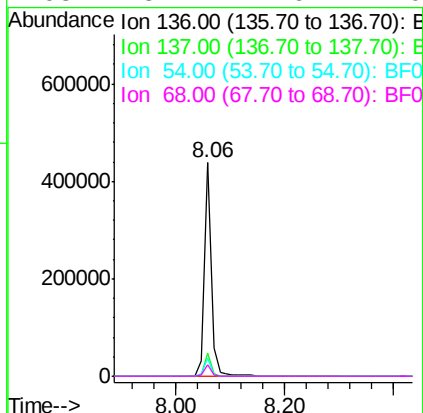
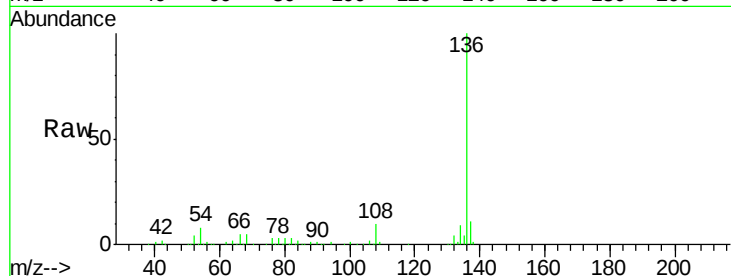




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF082443.D
Acq: 22 Oct 2015 10:59

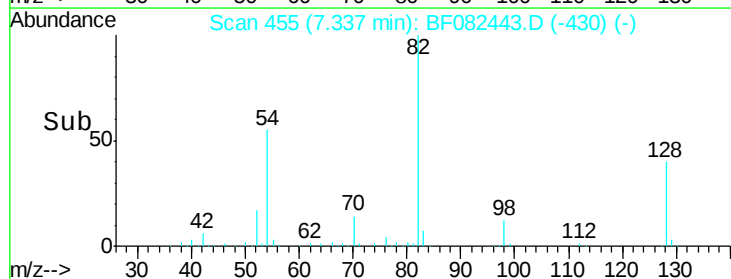
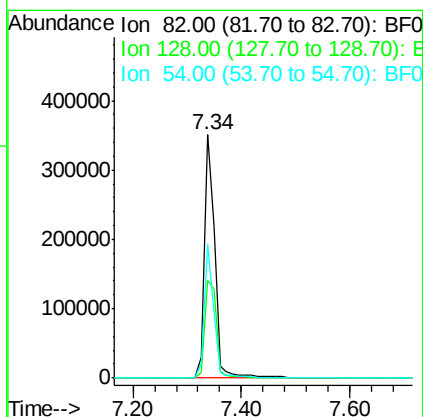
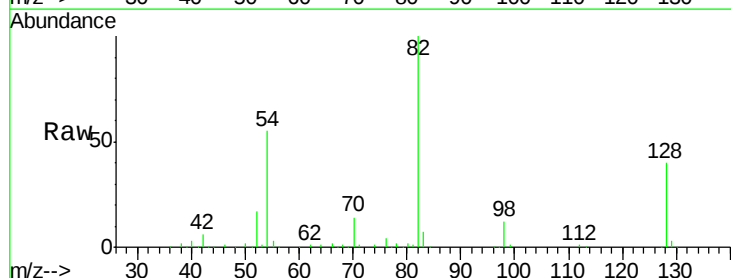
Instrument :
BNA_F
ClientSampleId :
COFF-03(0-2)

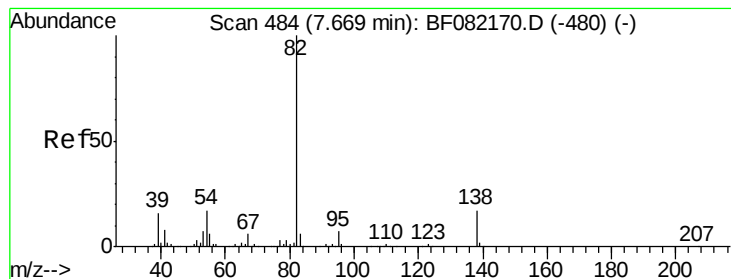
Tot Ion:136	Resp:	383408
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.0 13.6
54	8.1	7.5 11.3
68	5.4	4.6 7.0



#23
Nitrobenzene-d5
Concen: 80.20 ng
RT: 7.34 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF082443.D
Acq: 22 Oct 2015 10:59

Tgt Ion: 82	Resp:	457886
Ion Ratio	Lower	Upper
82	100	
128	40.3	38.7 58.1
54	54.6	40.1 60.1





#25

Isophorone

Concen: 36.89 ng

RT: 7.34 min Scan# 455

Delta R.T. -0.27 min

Lab File: BF082443.D

Acq: 22 Oct 2015 10:59

Instrument :

BNA_F

ClientSampleId :

COFF-03(0-2)

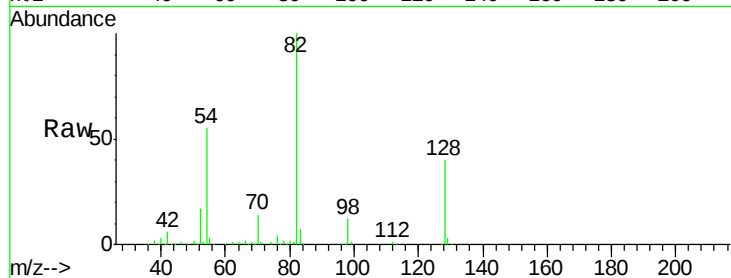
Tot Ion: 82 Resp: 425063

Ion Ratio Lower Upper

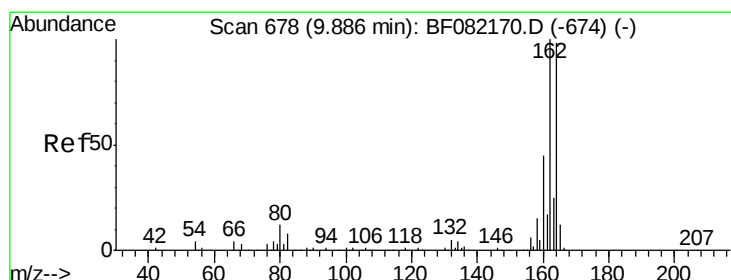
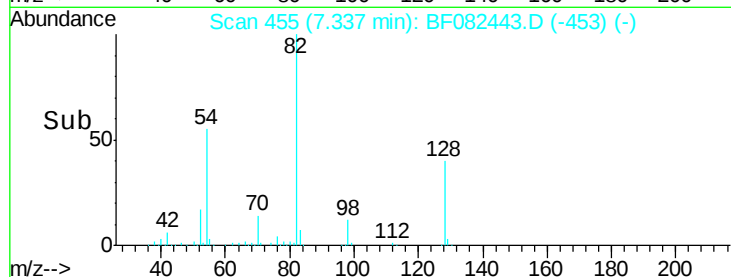
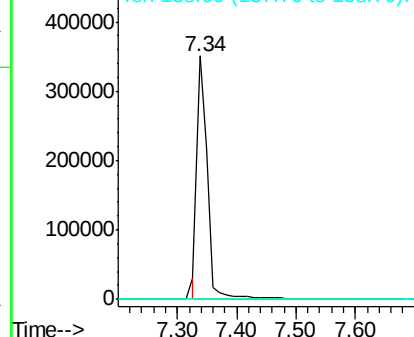
82 100

95 0.0 5.6 8.4#

138 0.0 13.6 20.4#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 672

Delta R.T. -0.00 min

Lab File: BF082443.D

Acq: 22 Oct 2015 10:59

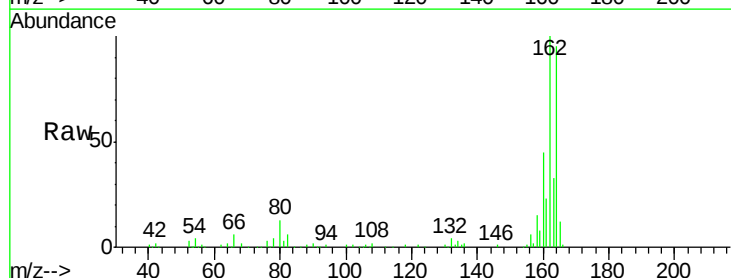
Tgt Ion: 164 Resp: 167919

Ion Ratio Lower Upper

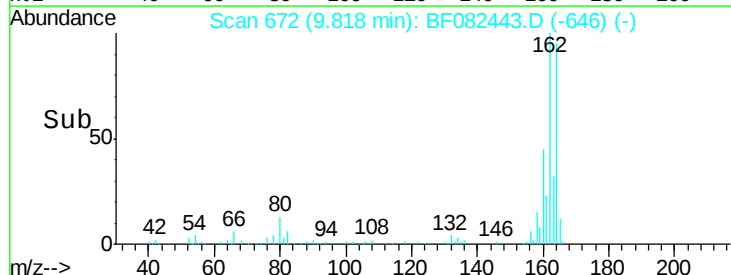
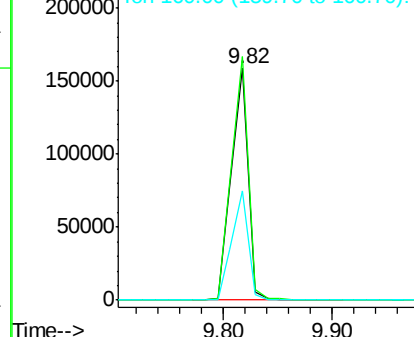
164 100

162 105.0 81.6 122.4

160 47.2 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

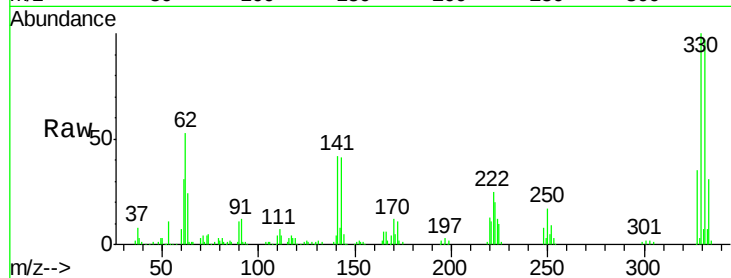




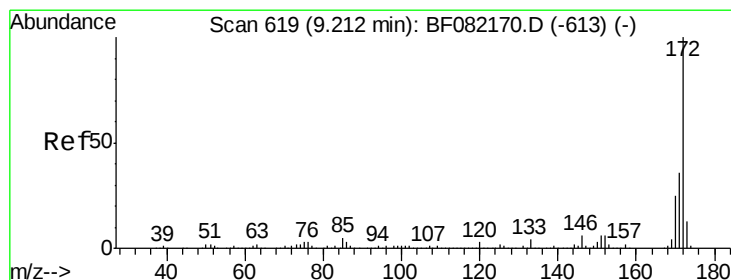
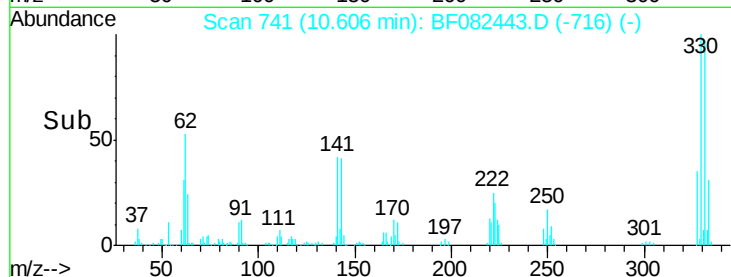
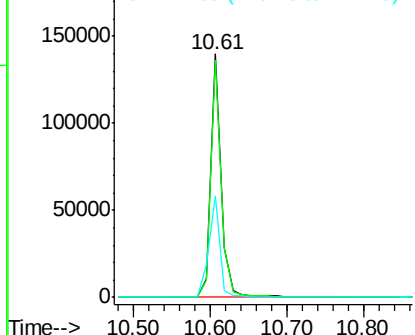
#41
 2,4,6-Tribromophenol
 Concen: 82.62 ng
 RT: 10.61 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF082443.D
 Acq: 22 Oct 2015 10:59

Instrument :
 BNA_F
 ClientSampleId :
 COFF-03(0-2)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.1	115.7
141	44.4	29.8	44.8

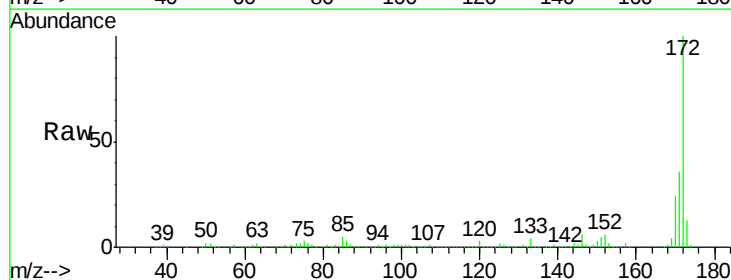


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

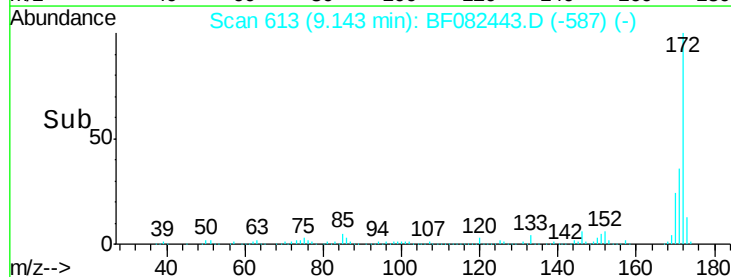
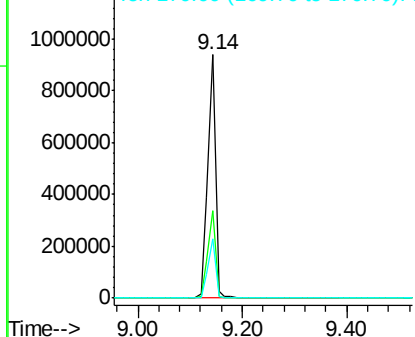


#44
 2-Fluorobiphenyl
 Concen: 95.20 ng
 RT: 9.14 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF082443.D
 Acq: 22 Oct 2015 10:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	42.8
170	24.3	19.7	29.5



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

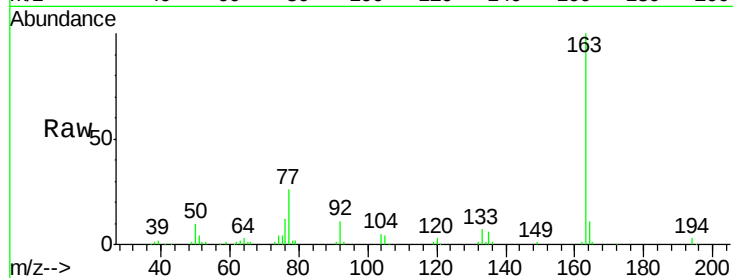




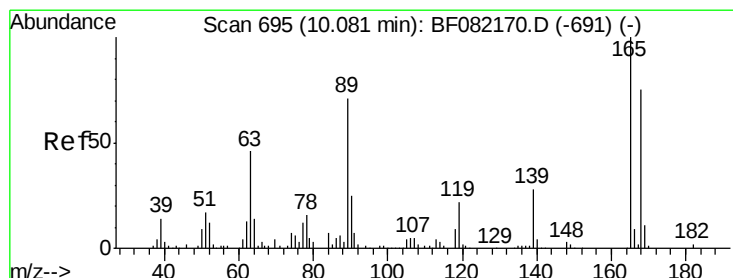
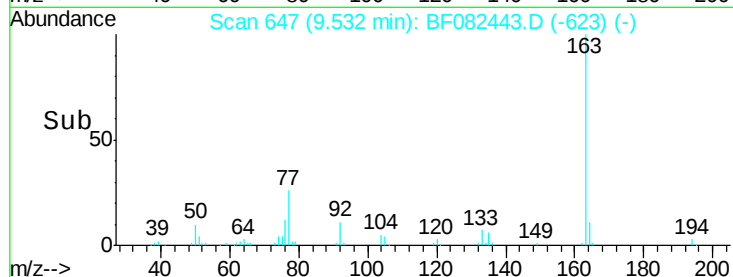
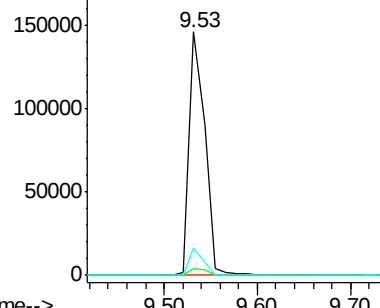
#49
Dimethylphthalate
Concen: 14.40 ng
RT: 9.53 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF082443.D
Acq: 22 Oct 2015 10:59

Instrument :
BNA_F
ClientSampleId :
COFF-03(0-2)

Tot Ion:163 Resp: 170238
Ion Ratio Lower Upper
163 100
194 2.9 2.6 4.0
164 11.0 8.5 12.7

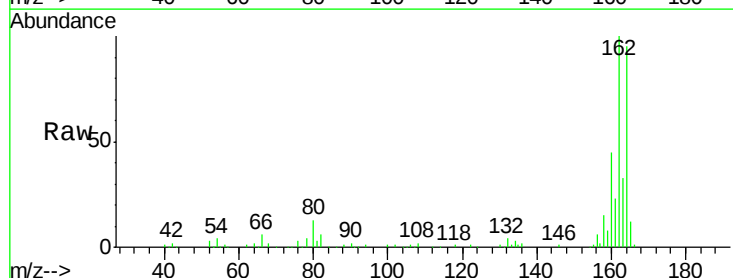


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

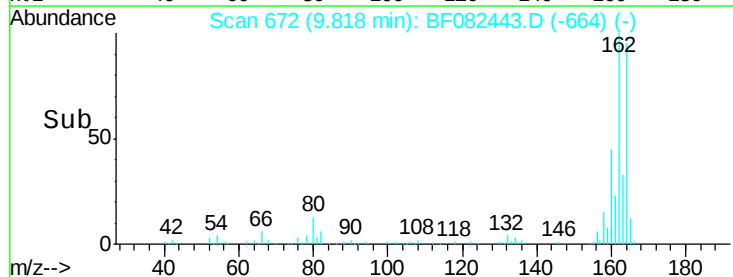
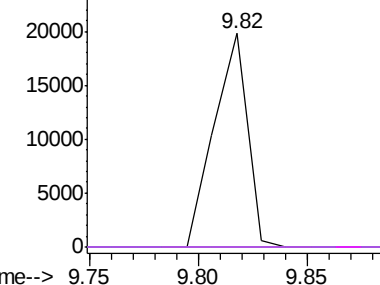


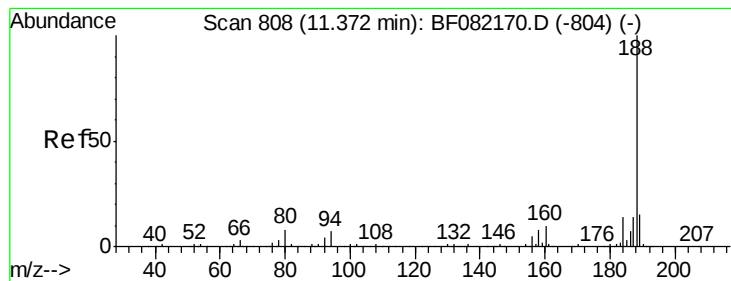
#56
2,4-Dinitrotoluene
Concen: 6.77 ng
RT: 9.82 min Scan# 672
Delta R.T. -0.21 min
Lab File: BF082443.D
Acq: 22 Oct 2015 10:59

Tgt Ion:165 Resp: 21115
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: 11.30 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF082443.D

Acq: 22 Oct 2015 10:59

Instrument :

BNA_F

ClientSampleId :

COFF-03(0-2)

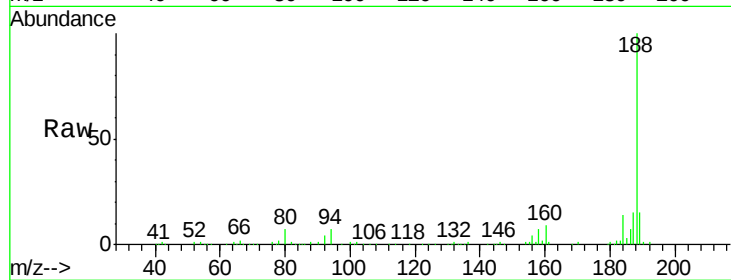
Tot Ion:188 Resp: 275052

Ion Ratio Lower Upper

188 100

94 6.7 5.8 8.6

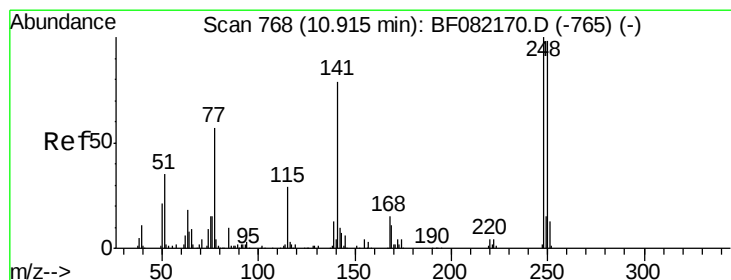
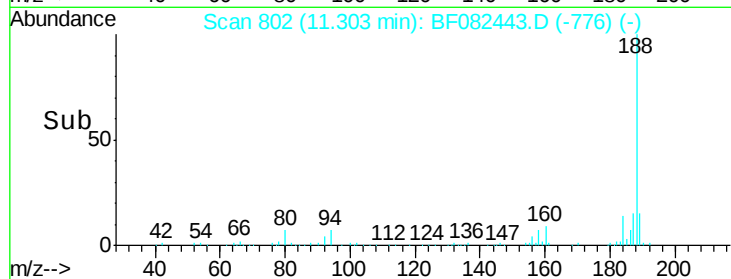
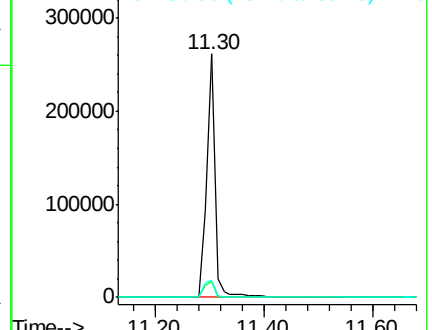
80 7.1 6.4 9.6



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: 3.74 ng

RT: 10.61 min Scan# 741

Delta R.T. -0.25 min

Lab File: BF082443.D

Acq: 22 Oct 2015 10:59

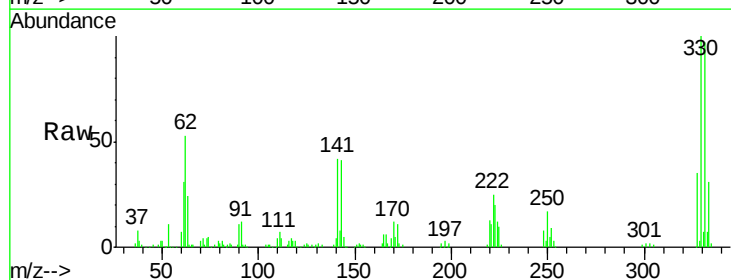
Tgt Ion:248 Resp: 10295

Ion Ratio Lower Upper

248 100

250 200.4 78.6 117.8#

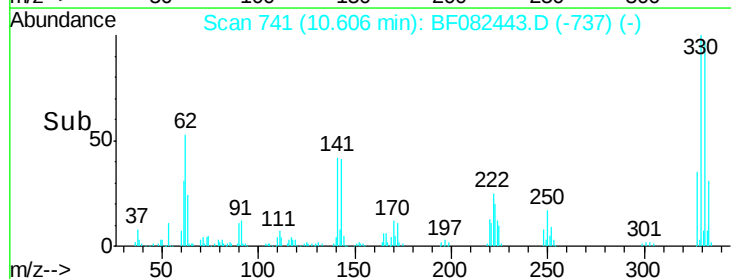
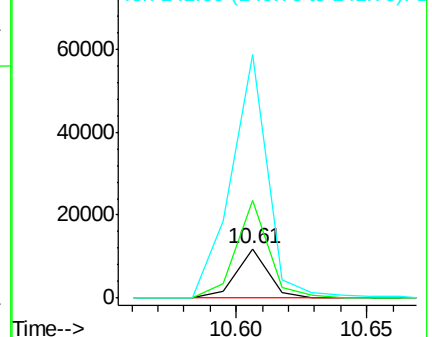
141 496.5 63.3 94.9#

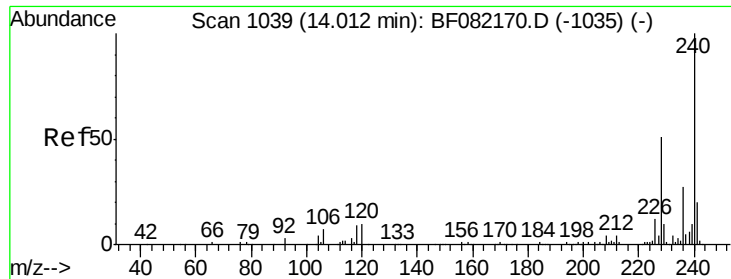


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

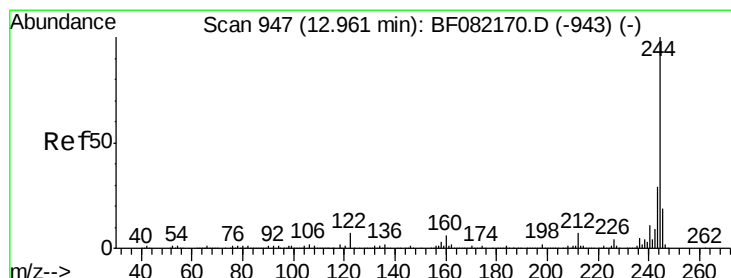
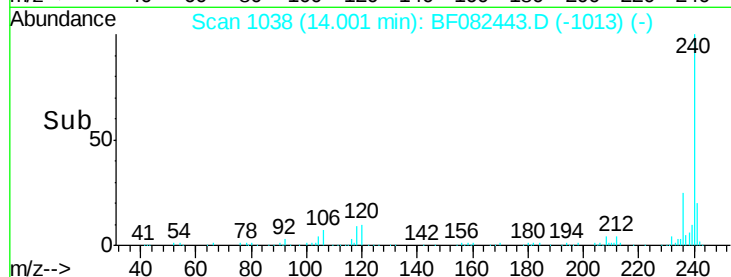
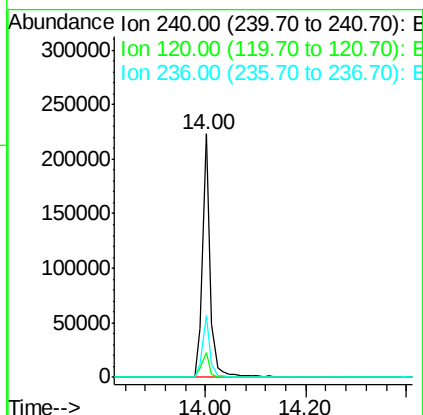
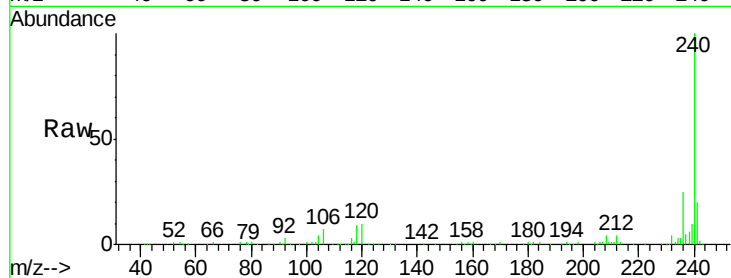




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF082443.D
Acq: 22 Oct 2015 10:59

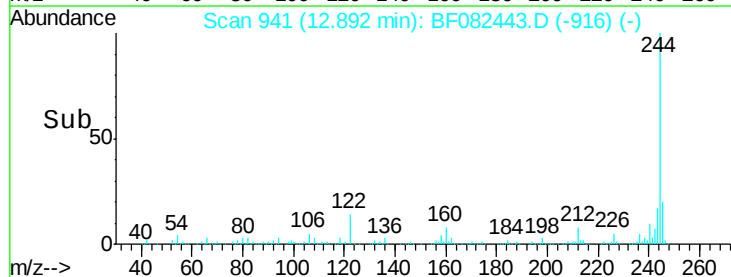
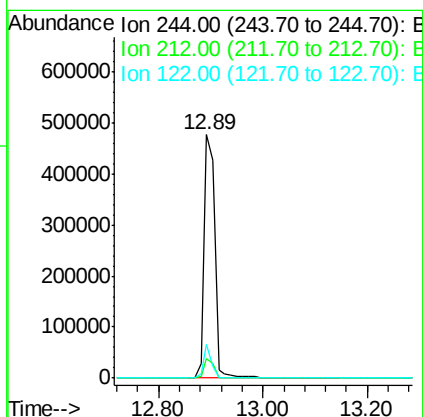
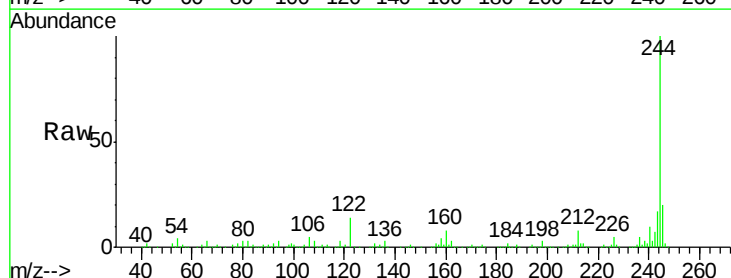
Instrument :
BNA_F
ClientSampleId :
COFF-03(0-2)

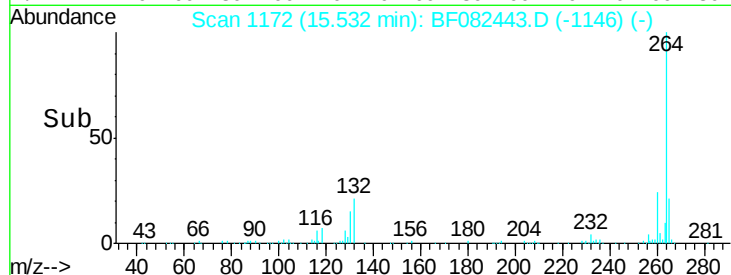
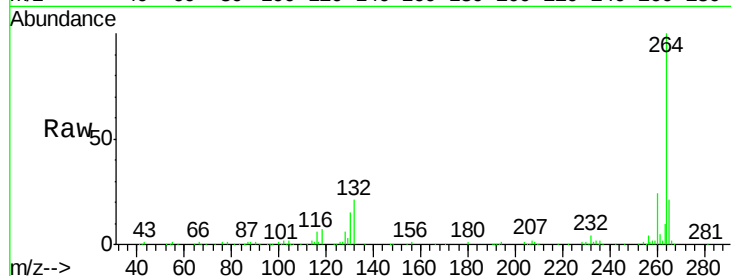
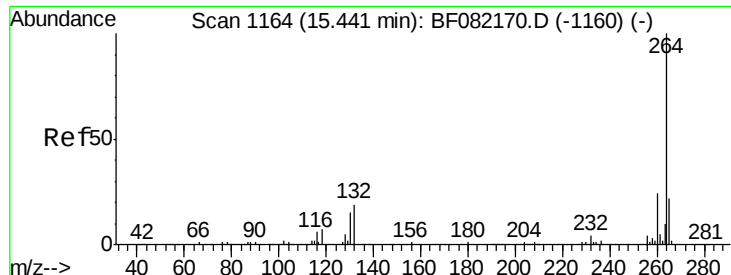
Tot Ion:240 Resp: 239621
Ion Ratio Lower Upper
240 100
120 10.2 8.1 12.1
236 25.3 21.3 31.9



#78
Terphenyl-d14
Concen: 74.70 ng
RT: 12.89 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF082443.D
Acq: 22 Oct 2015 10:59

Tgt Ion:244 Resp: 675479
Ion Ratio Lower Upper
244 100
212 7.9 5.8 8.6
122 14.0 5.9 8.9#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.53 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF082443.D
 Acq: 22 Oct 2015 10:59

Instrument :
 BNA_F
 ClientSampleId :
 COFF-03(0-2)

Tot Ion:	264	Resp:	227588
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.6
265	21.0	17.3	25.9

