

Data Path : Z:\HPCHEM1\BNA F\Data\BF102115\
 Data File : BF082441.D
 Acq On : 22 Oct 2015 10:02
 Operator : UM/IZ
 Sample : G4117-13
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COFF-01(0-2)

Quant Time: Oct 22 13:58:54 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

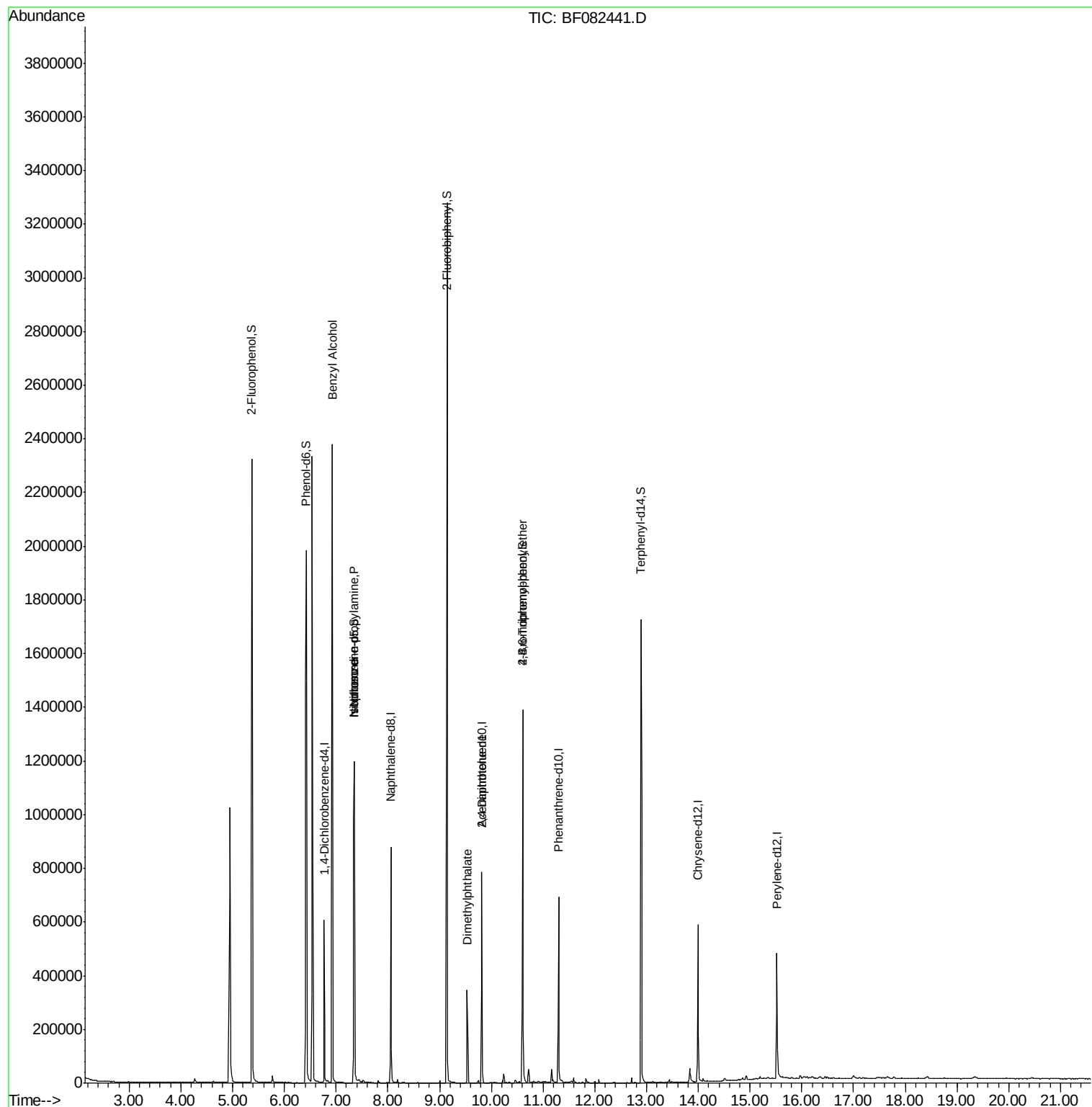
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	104848	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	395870	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	180531	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	288693	20.00	ng	0.00
75) Chrysene-d12	13.99	240	245028	20.00	ng	-0.02
86) Perylene-d12	15.52	264	227457	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	694271	133.64	ng	0.01
7) Phenol-d6	6.42	99	971264	143.67	ng	0.00
23) Nitrobenzene-d5	7.35	82	585251	99.28	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	143701	84.88	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1139398	104.67	ng	0.00
78) Terphenyl-d14	12.89	244	725320	78.44	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	6.93	79	9591	2.06	ng	# 48
19) n-Nitroso-di-n-propylamine	7.35	70	74909	15.78	ng	# 75
25) Isophorone	7.35	82	553655	46.54	ng	# 66
49) Dimethylphthalate	9.53	163	189935	14.94	ng	100
56) 2,4-Dinitrotoluene	9.82	165	23194	6.92	ng	# 21
66) 4-Bromophenyl-phenylether	10.61	248	11230	3.89	ng	# 1

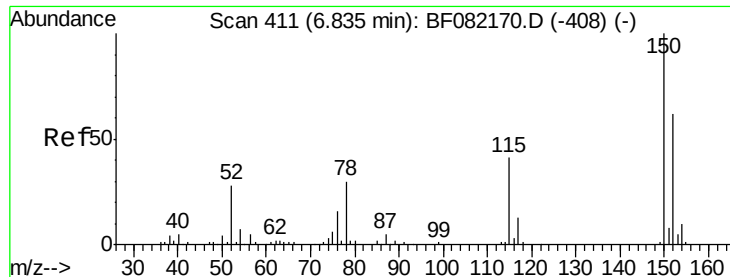
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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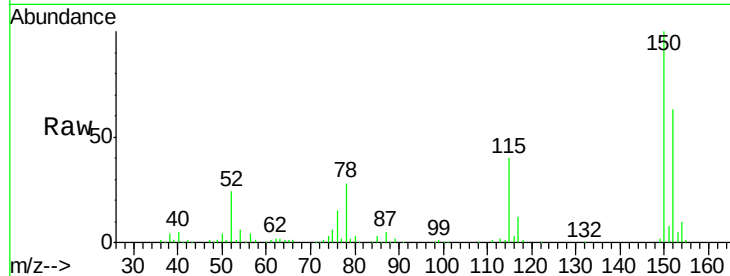


#1

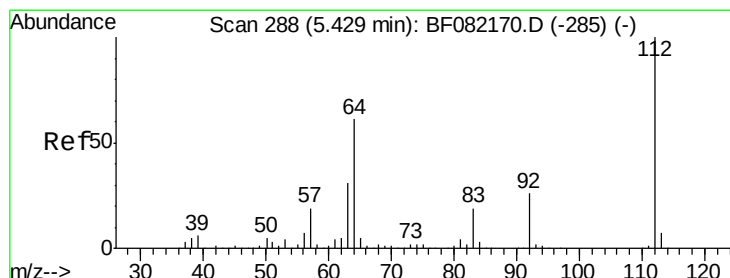
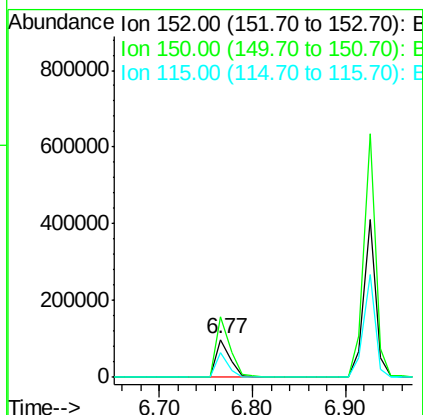
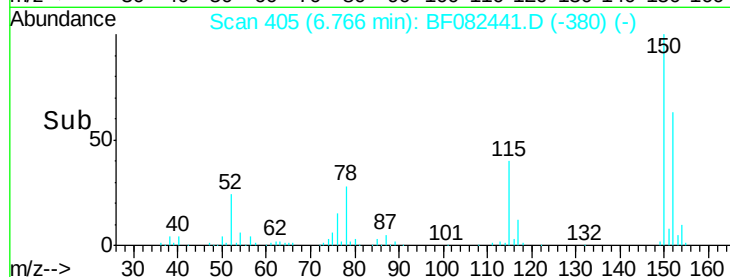
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF082441.D
Acq: 22 Oct 2015 10:02

Instrument :
BNA_F
ClientSampleId :
COFF-01(0-2)

Tot Ion:152 Resp: 104848
Ion Ratio Lower Upper
152 100
150 159.8 129.0 193.4
115 64.0 52.1 78.1



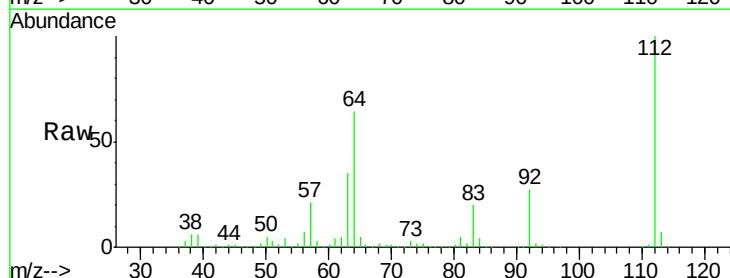
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



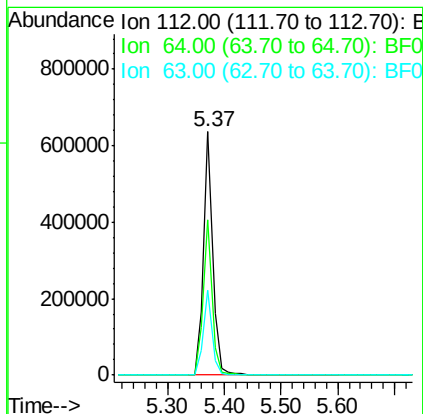
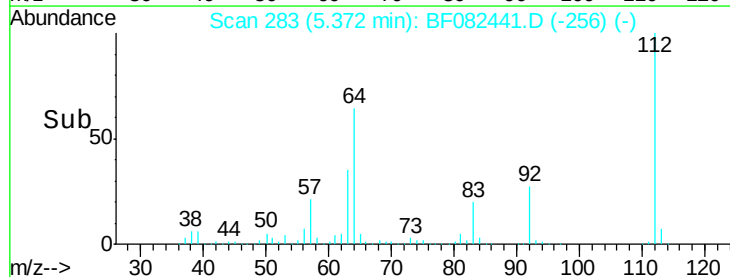
#5

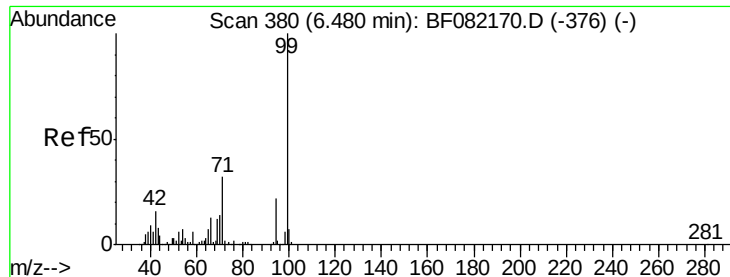
2-Fluorophenol
Concen: 133.64 ng
RT: 5.37 min Scan# 283
Delta R.T. 0.01 min
Lab File: BF082441.D
Acq: 22 Oct 2015 10:02

Tgt Ion:112 Resp: 694271
Ion Ratio Lower Upper
112 100
64 64.0 48.6 73.0
63 34.8 25.1 37.7



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: 143.67 ng

RT: 6.42 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF082441.D

Acq: 22 Oct 2015 10:02

Instrument :

BNA_F

ClientSampleId :

COFF-01(0-2)

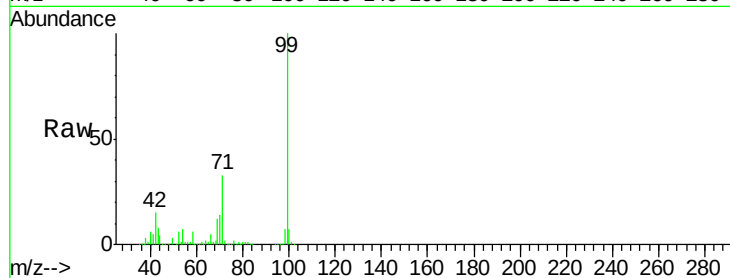
Tot Ion: 99 Resp: 971264

Ion Ratio Lower Upper

99 100

42 15.4 13.2 19.8

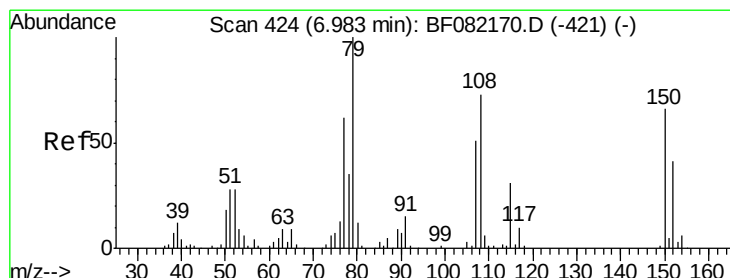
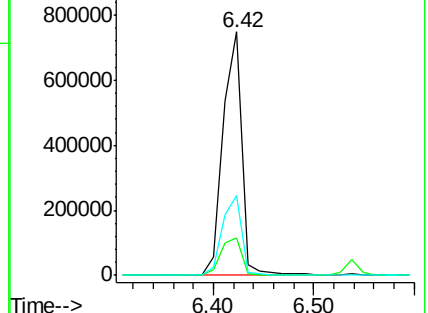
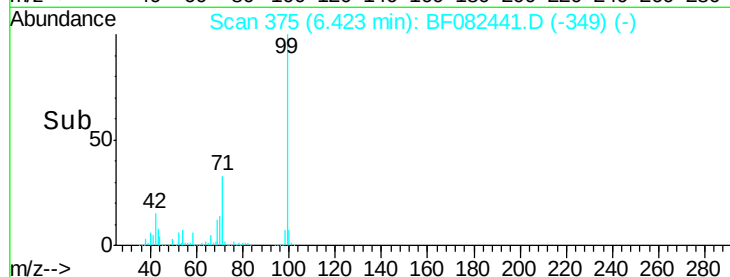
71 32.6 25.6 38.4



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



#15

Benzyl Alcohol

Concen: 2.06 ng

RT: 6.93 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF082441.D

Acq: 22 Oct 2015 10:02

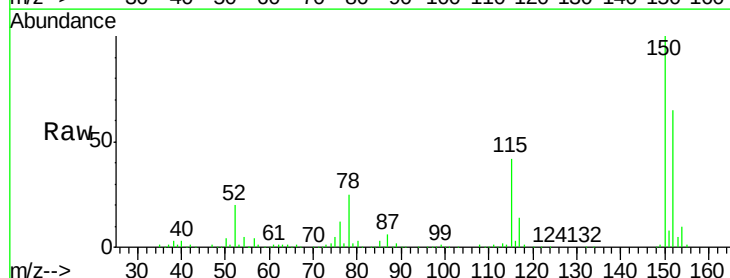
Tgt Ion: 79 Resp: 9591

Ion Ratio Lower Upper

79 100

108 32.8 58.4 87.6#

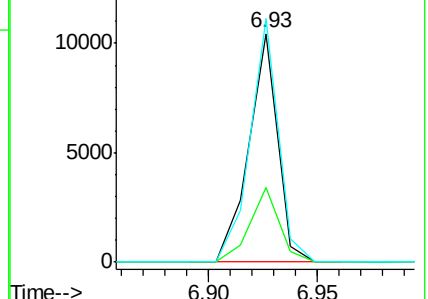
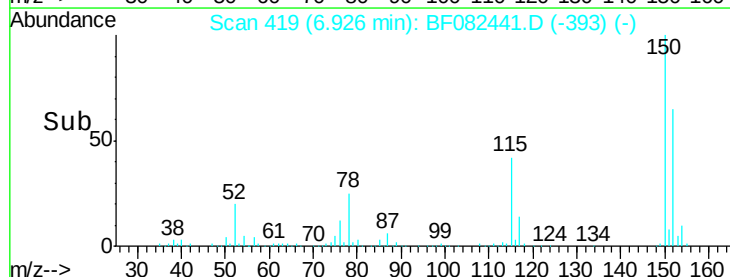
77 106.5 49.8 74.6#

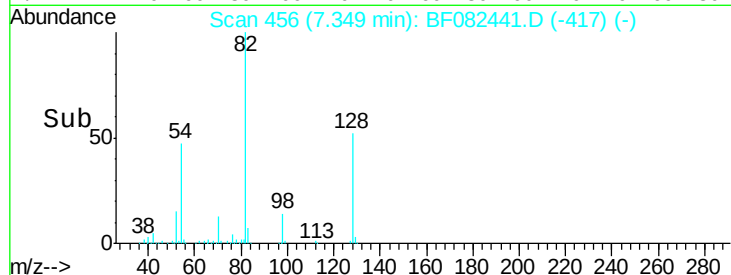
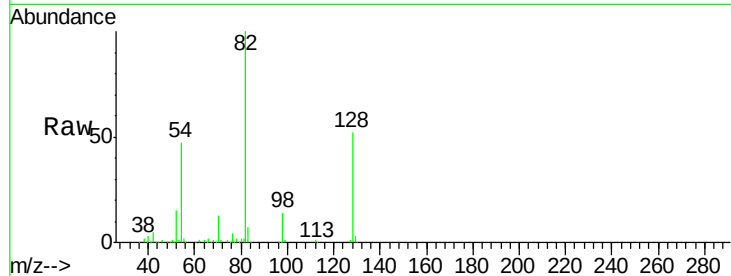
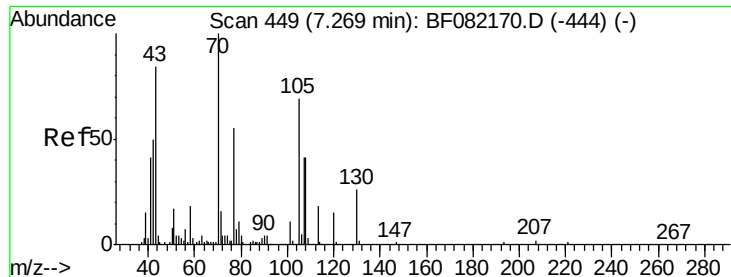


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

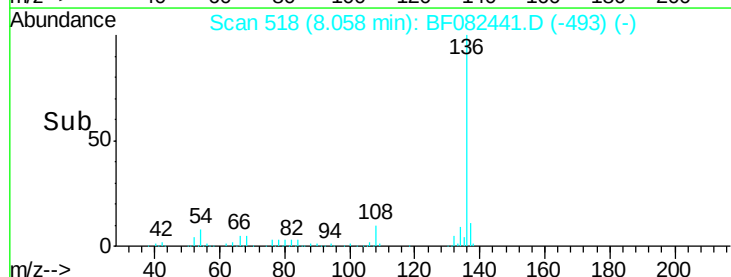
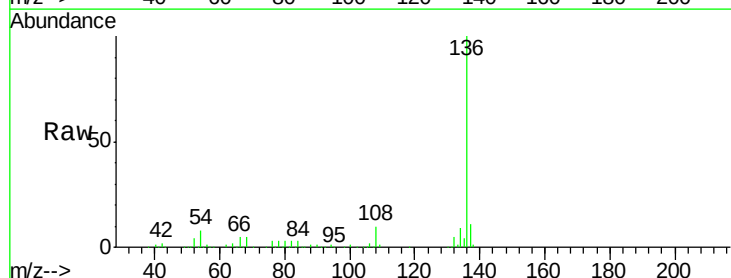
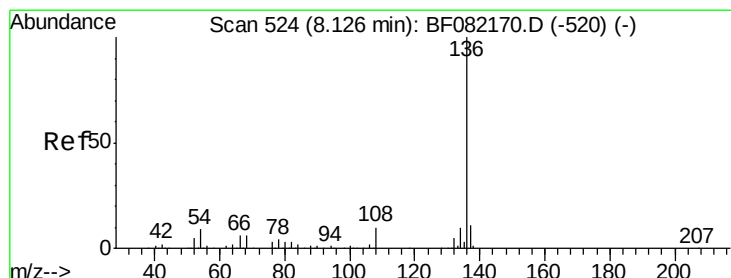
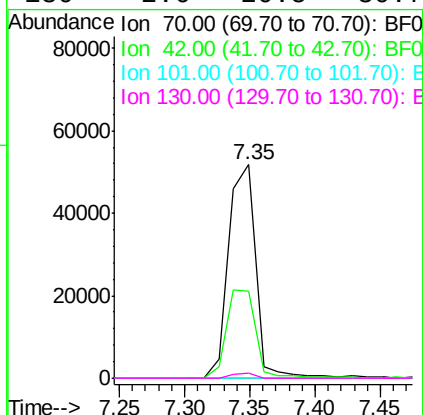




#19
n-Nitroso-di-n-propylamine
Concen: 15.78 ng
RT: 7.35 min Scan# 456
Delta R.T. 0.15 min
Lab File: BF082441.D
Acq: 22 Oct 2015 10:02

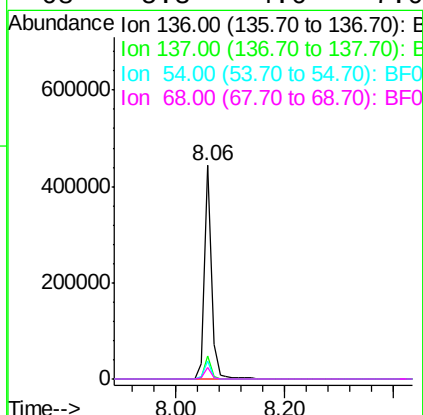
Instrument :
BNA_F
ClientSampleId :
COFF-01(0-2)

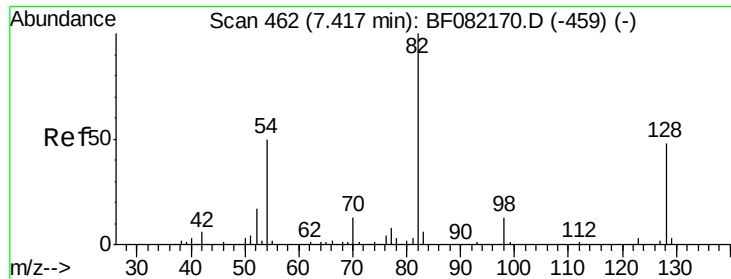
Tot Ion:	70	Resp:	74909
Ion	Ratio	Lower	Upper
70	100		
42	40.7	39.8	59.8
101	0.0	8.6	13.0#
130	2.6	20.5	30.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF082441.D
Acq: 22 Oct 2015 10:02

Tgt Ion:	136	Resp:	395870
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	8.3	7.5	11.3
68	5.3	4.6	7.0

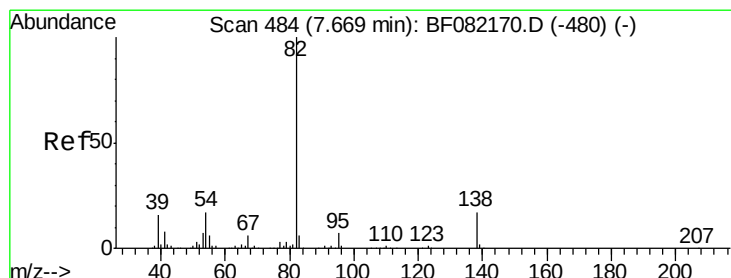
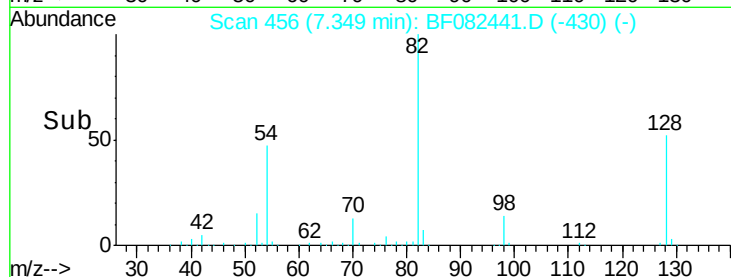
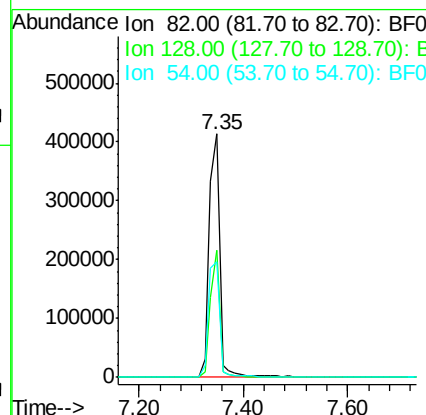
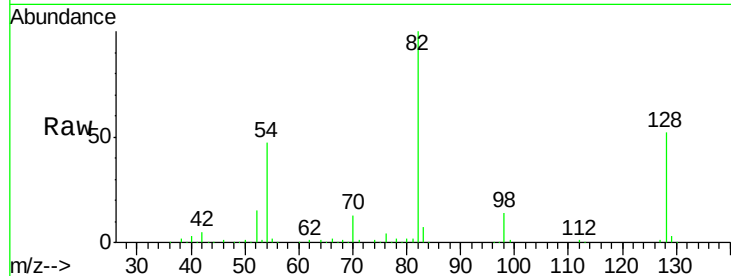




#23
 Nitrobenzene-d5
 Concen: 99.28 ng
 RT: 7.35 min Scan# 456
 Delta R.T. 0.00 min
 Lab File: BF082441.D
 Acq: 22 Oct 2015 10:02

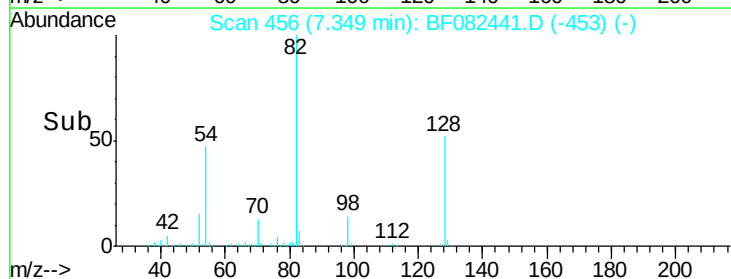
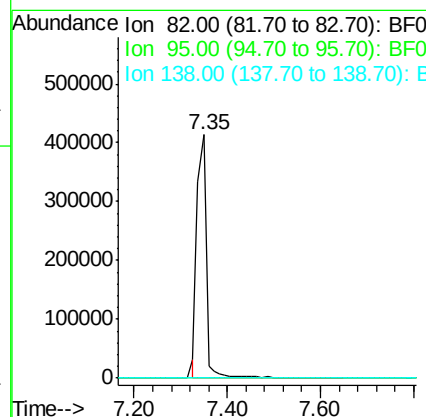
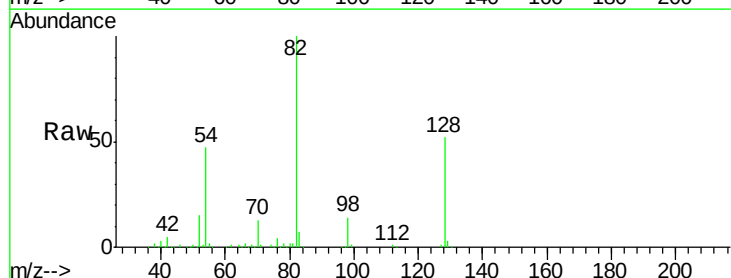
Instrument :
 BNA_F
 ClientSampleId :
 COFF-01(0-2)

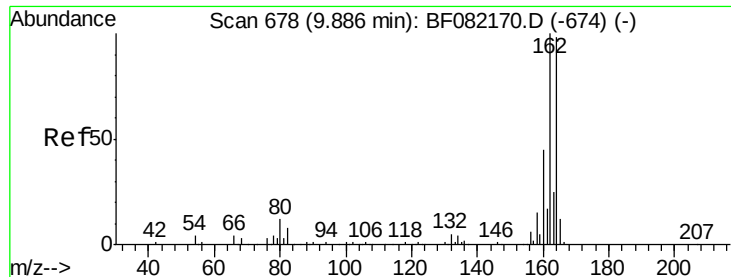
Tot Ion: 82 Resp: 585251
 Ion Ratio Lower Upper
 82 100
 128 52.4 38.7 58.1
 54 47.4 40.1 60.1



#25
 Isophorone
 Concen: 46.54 ng
 RT: 7.35 min Scan# 456
 Delta R.T. -0.26 min
 Lab File: BF082441.D
 Acq: 22 Oct 2015 10:02

Tgt Ion: 82 Resp: 553655
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 13.6 20.4#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 672

Delta R.T. 0.00 min

Lab File: BF082441.D

Acq: 22 Oct 2015 10:02

Instrument :

BNA_F

ClientSampleId :

COFF-01(0-2)

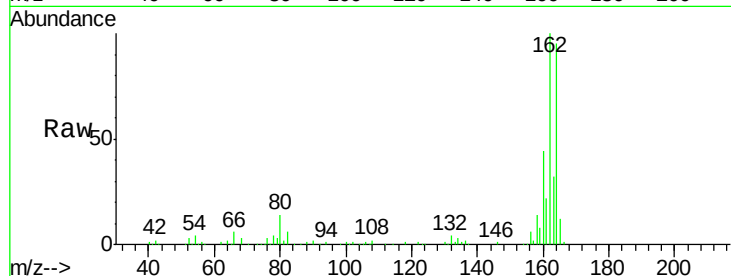
Tot Ion:164 Resp: 180531

Ion Ratio Lower Upper

164 100

162 105.6 81.6 122.4

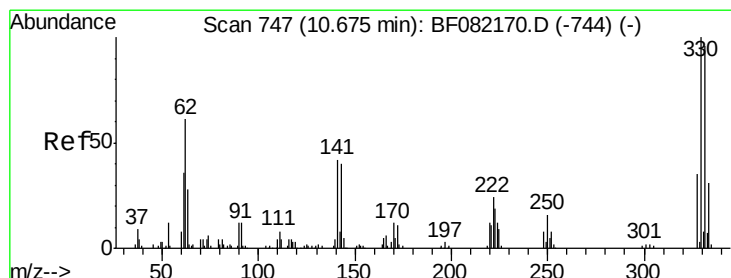
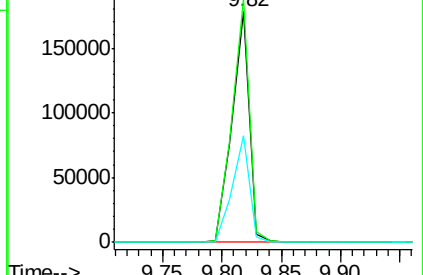
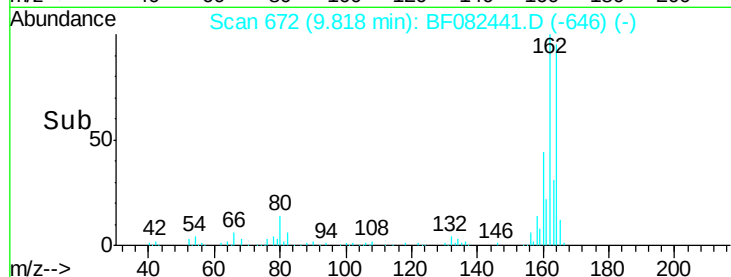
160 46.3 36.4 54.6



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: 84.88 ng

RT: 10.61 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF082441.D

Acq: 22 Oct 2015 10:02

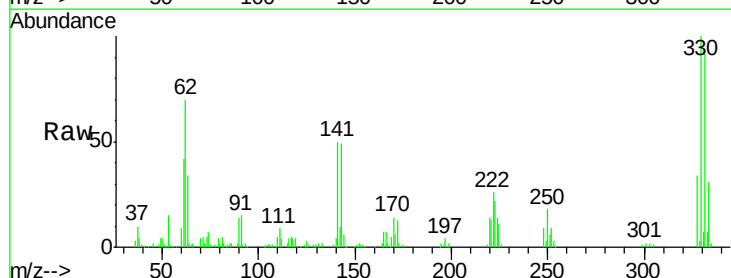
Tgt Ion:330 Resp: 143701

Ion Ratio Lower Upper

330 100

332 95.6 77.1 115.7

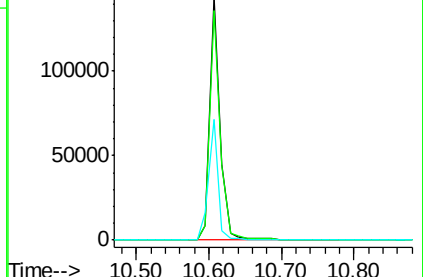
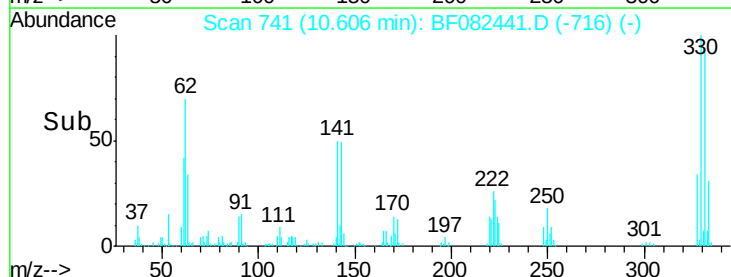
141 46.0 29.8 44.8#

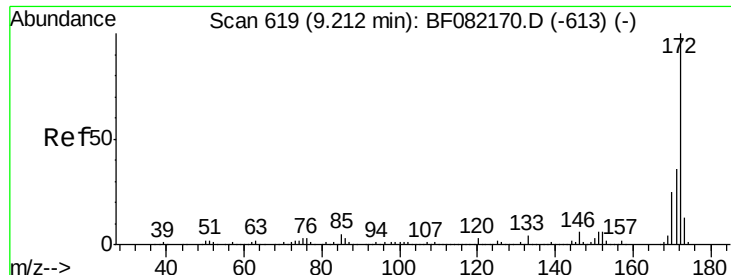


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

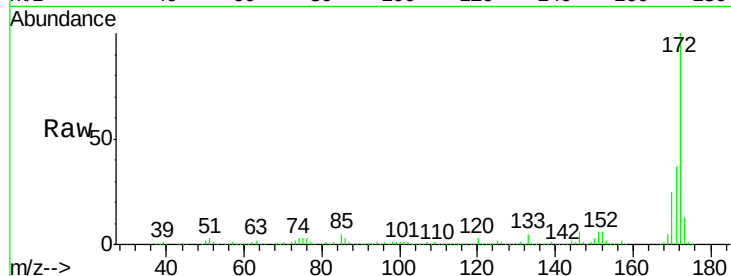




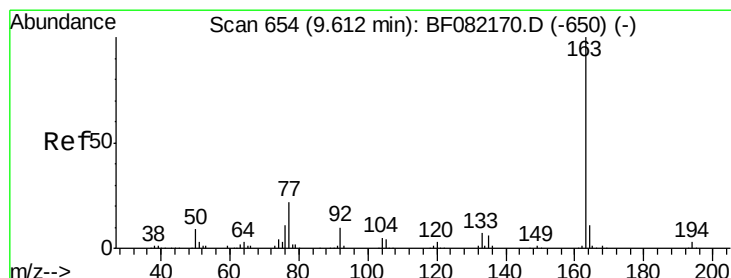
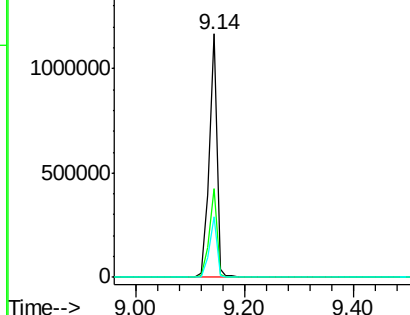
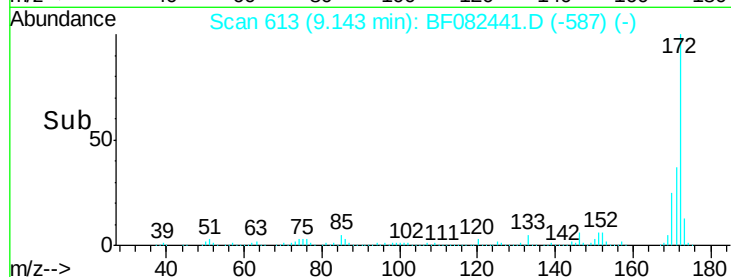
#44
2-Fluorobiphenyl
Concen: 104.67 ng
RT: 9.14 min Scan# 613
Delta R.T. 0.00 min
Lab File: BF082441.D
Acq: 22 Oct 2015 10:02

Instrument :
BNA_F
ClientSampleId :
COFF-01(0-2)

Tot Ion:172 Resp: 1139398
Ion Ratio Lower Upper
172 100
171 36.5 28.6 42.8
170 24.7 19.7 29.5

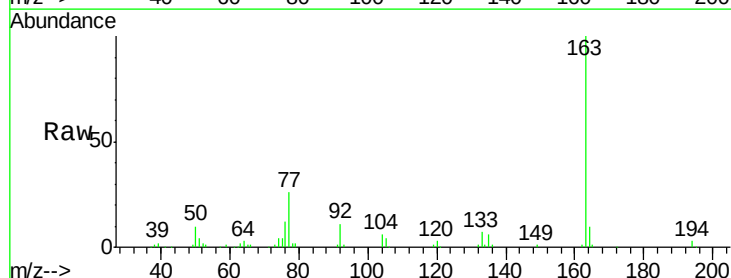


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

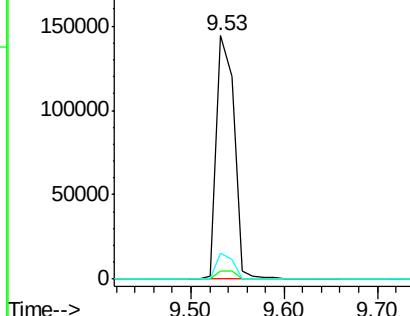
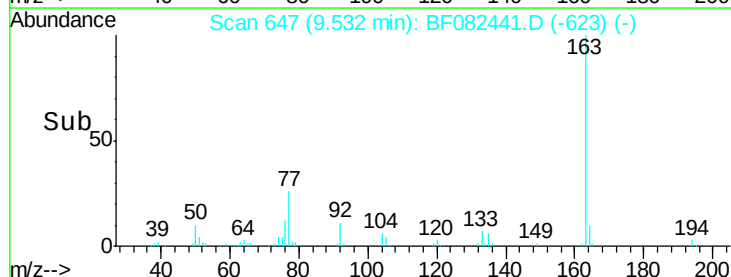


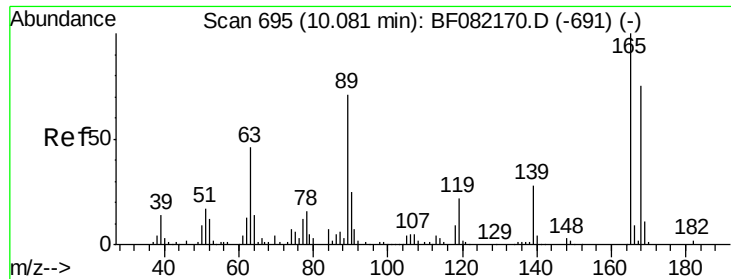
#49
Dimethylphthalate
Concen: 14.94 ng
RT: 9.53 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF082441.D
Acq: 22 Oct 2015 10:02

Tgt Ion:163 Resp: 189935
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.5 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

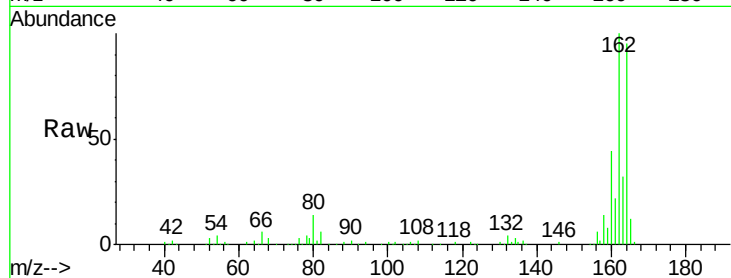




#56
 2,4-Dinitrotoluene
 Concen: 6.92 ng
 RT: 9.82 min Scan# 672
 Delta R.T. -0.21 min
 Lab File: BF082441.D
 Acq: 22 Oct 2015 10:02

Instrument :
 BNA_F
 ClientSampleId :
 COFF-01(0-2)

Tot 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#

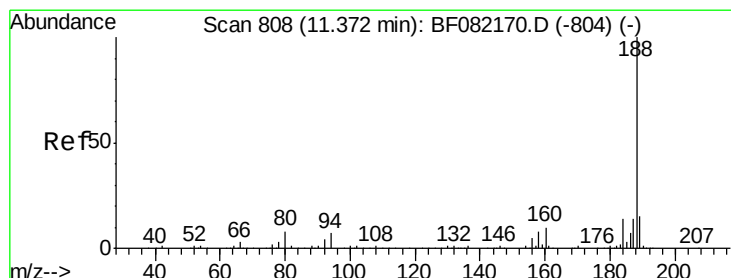
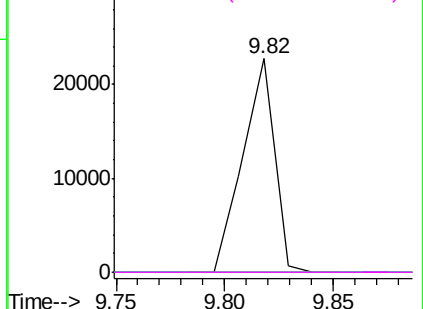
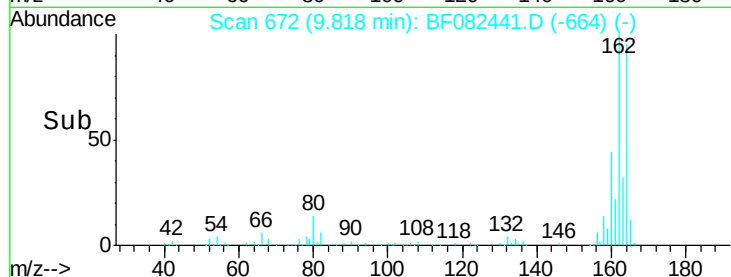


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

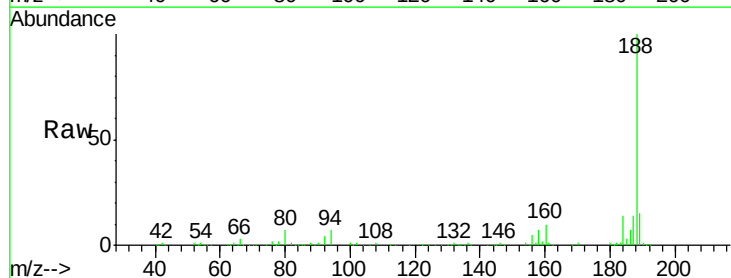
Ion 89.00 (88.70 to 89.70): BF0

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: BF082441.D
 Acq: 22 Oct 2015 10:02

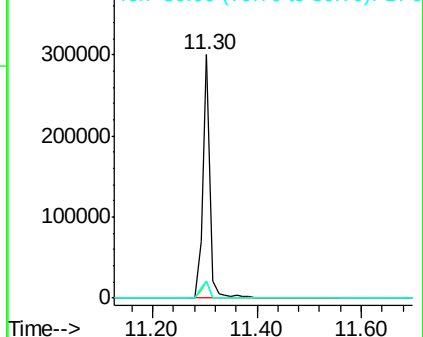
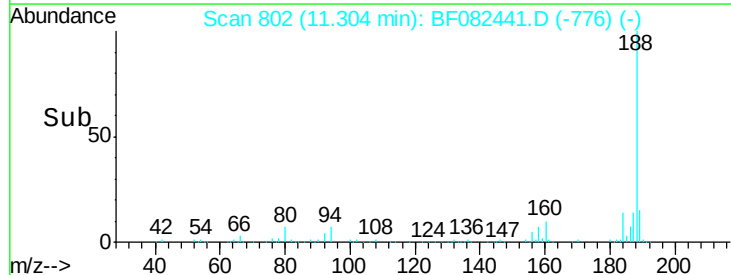
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.8	8.6
80	7.3	6.4	9.6

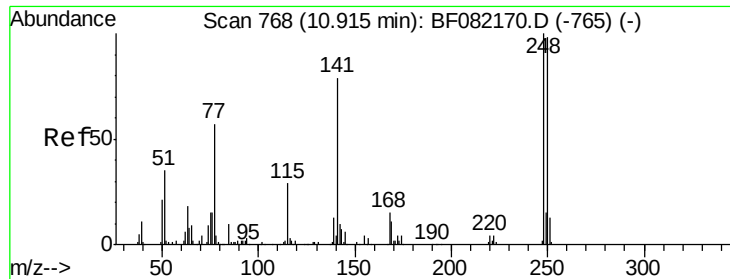


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 3.89 ng

RT: 10.61 min Scan# 741

Delta R.T. -0.25 min

Lab File: BF082441.D

Acq: 22 Oct 2015 10:02

Instrument :

BNA_F

ClientSampleId :

COFF-01(0-2)

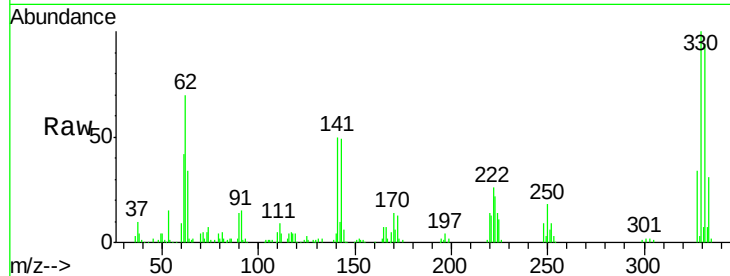
Tot Ion:248 Resp: 11230

Ion Ratio Lower Upper

248 100

250 200.4 78.6 117.8#

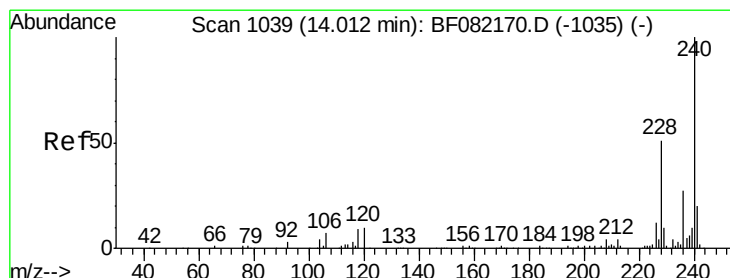
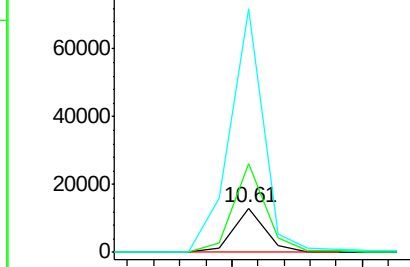
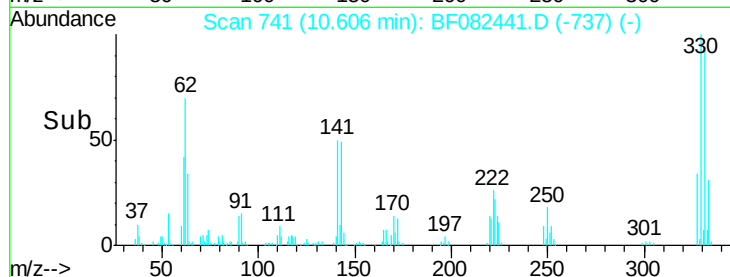
141 549.0 63.3 94.9#



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: 13.99 min Scan# 1037

Delta R.T. -0.02 min

Lab File: BF082441.D

Acq: 22 Oct 2015 10:02

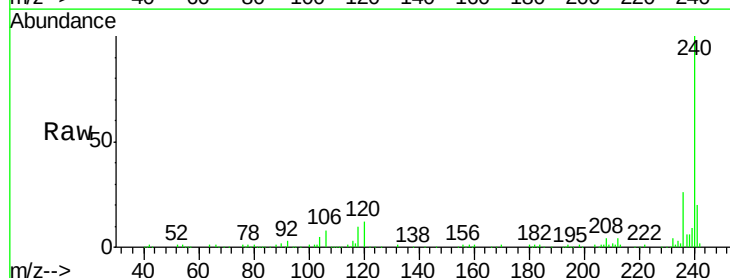
Tgt Ion:240 Resp: 245028

Ion Ratio Lower Upper

240 100

120 11.8 8.1 12.1

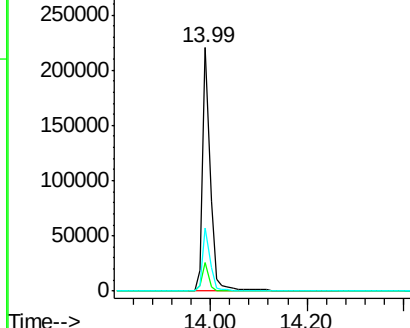
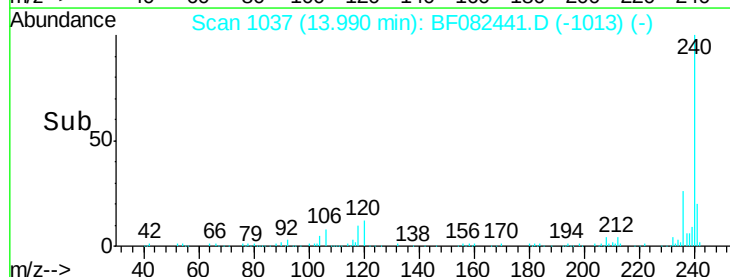
236 25.9 21.3 31.9

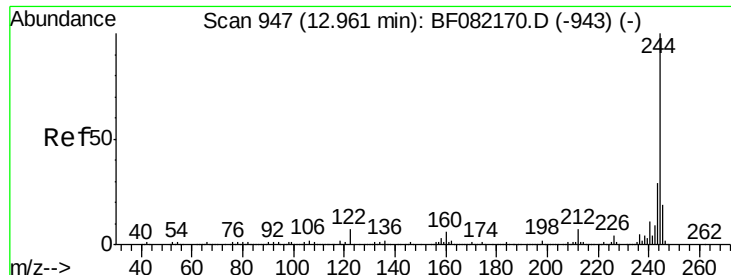


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

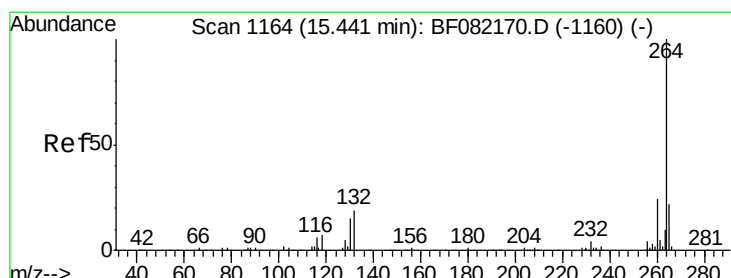
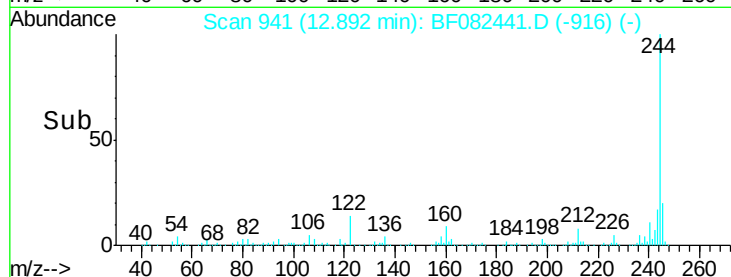
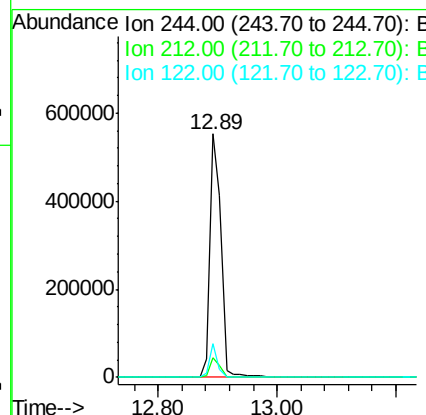
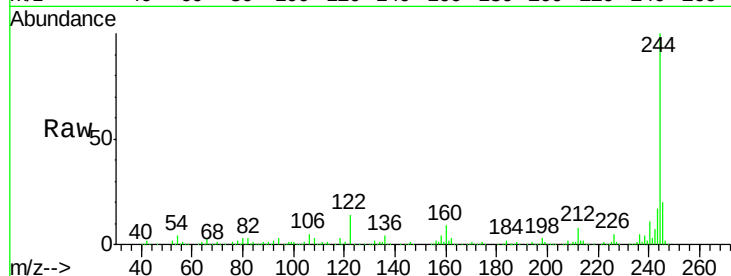




#78
 Terphenyl-d14
 Concen: 78.44 ng
 RT: 12.89 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BF082441.D
 Acq: 22 Oct 2015 10:02

Instrument :
 BNA_F
 ClientSampleId :
 COFF-01(0-2)

Tot Ion:244 Resp: 725320
 Ion Ratio Lower Upper
 244 100
 212 8.3 5.8 8.6
 122 14.0 5.9 8.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.52 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BF082441.D
 Acq: 22 Oct 2015 10:02

Tgt Ion:264 Resp: 227457
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.6
 265 21.5 17.3 25.9

