

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081715\
 Data File : BF081013.D
 Acq On : 17 Aug 2015 20:19
 Operator : UM/IZ
 Sample : G3289-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COFF-3(0-2)-2

Quant Time: Aug 18 00:43:41 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

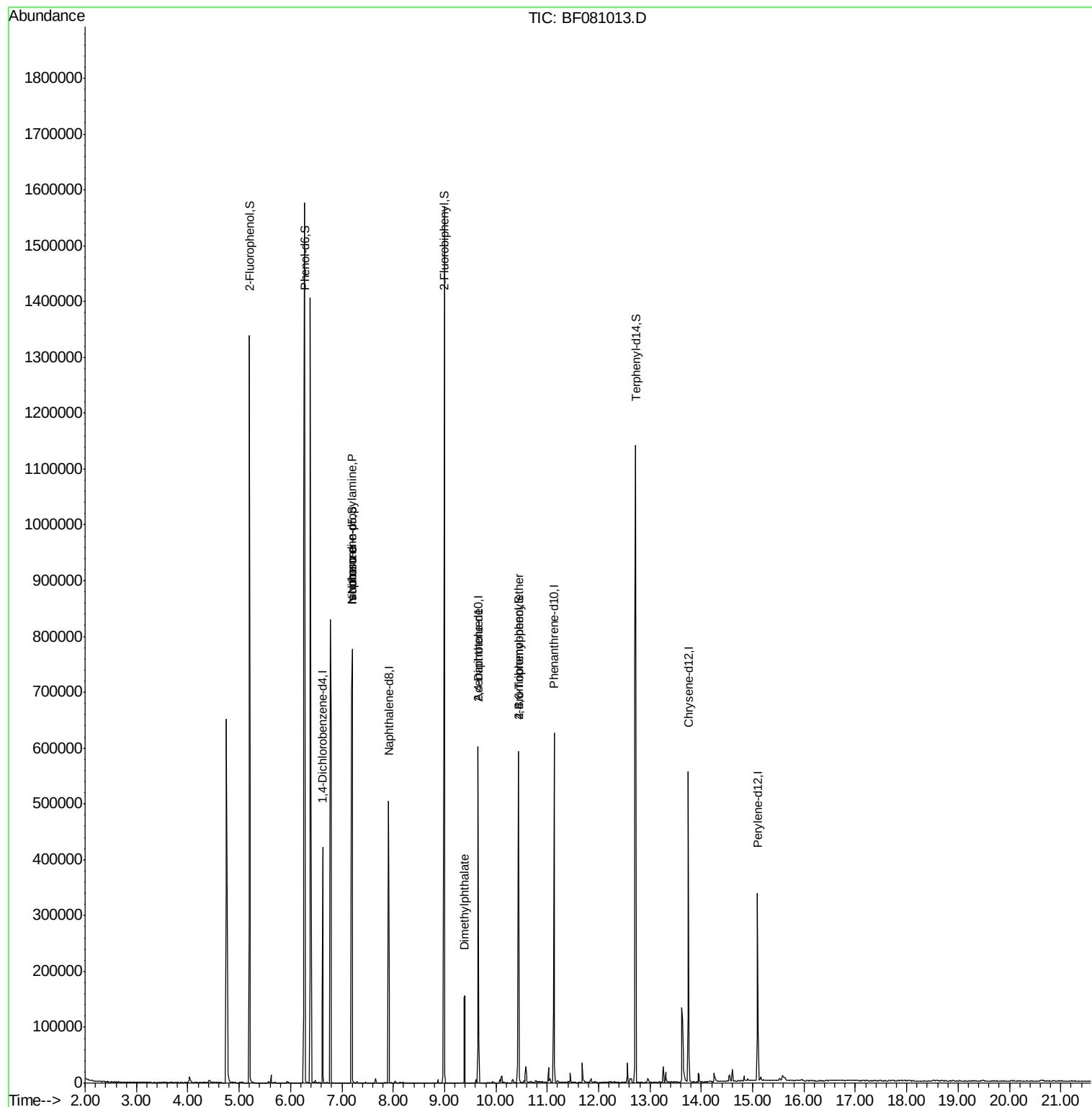
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	61141	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	218468	20.00	ng	0.00
38) Acenaphthene-d10	9.66	164	106924	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	212615	20.00	ng	0.00
75) Chrysene-d12	13.75	240	175066	20.00	ng	0.00
86) Perylene-d12	15.10	264	128526	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	382634	94.13	ng	0.01
7) Phenol-d6	6.27	99	623516	117.56	ng	0.01
23) Nitrobenzene-d5	7.20	82	356882	74.62	ng	0.01
41) 2,4,6-Tribromophenol	10.44	330	85505	92.25	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	493555	60.48	ng	0.00
78) Terphenyl-d14	12.72	244	433370	53.07	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.20	70	46792	12.74	ng	# 64
25) Isophorone	7.20	82	342219	38.37	ng	# 71
49) Dimethylphthalate	9.39	163	93261	10.59	ng	99
56) 2,4-Dinitrotoluene	9.66	165	13647	5.45	ng	# 16
66) 4-Bromophenyl-phenylether	10.44	248	6455	3.09	ng	# 1

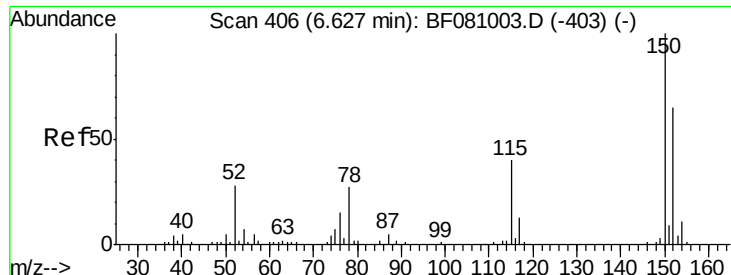
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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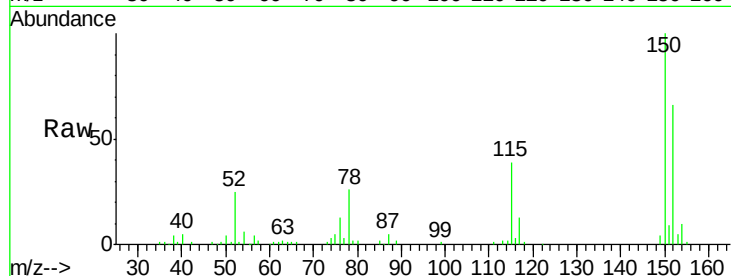


#1

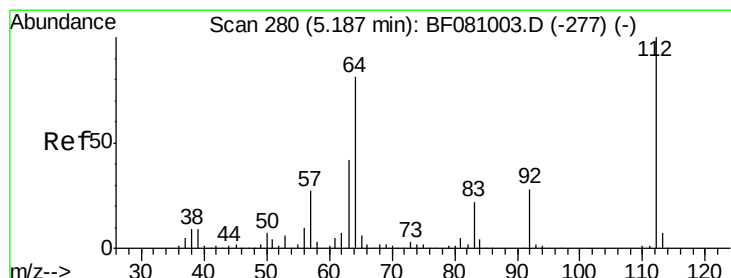
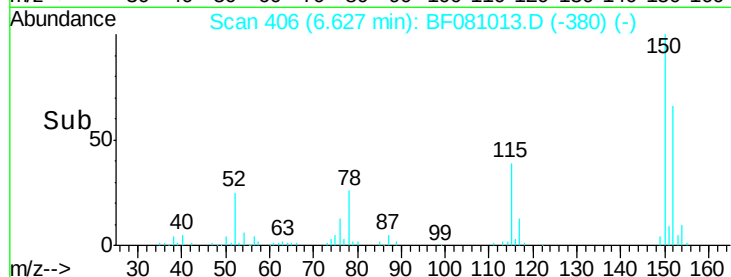
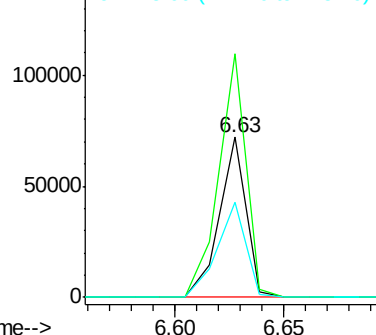
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.63 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF081013.D
Acq: 17 Aug 2015 20:19

Instrument :
BNA_F
ClientSampleId :
COFF-3(0-2)-2

Tot Ion:152 Resp: 61141
Ion Ratio Lower Upper
152 100
150 152.4 123.8 185.6
115 59.7 52.1 78.1



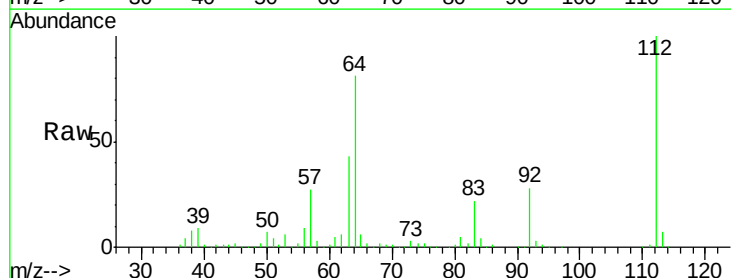
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



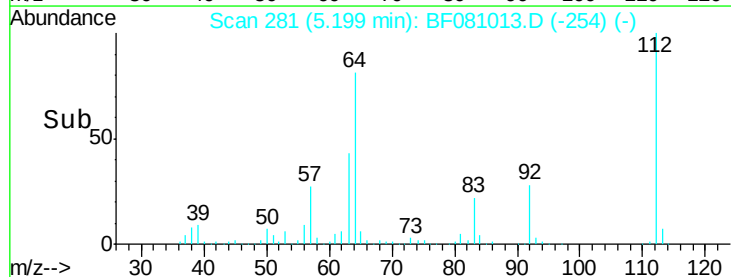
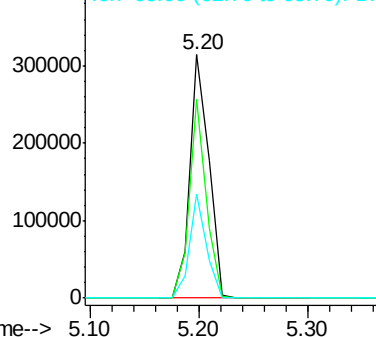
#5

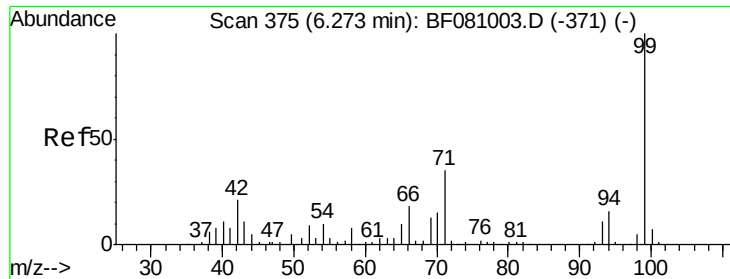
2-Fluorophenol
Concen: 94.13 ng
RT: 5.20 min Scan# 281
Delta R.T. 0.01 min
Lab File: BF081013.D
Acq: 17 Aug 2015 20:19

Tgt Ion:112 Resp: 382634
Ion Ratio Lower Upper
112 100
64 81.4 66.9 100.3
63 43.0 38.1 57.1



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: 117.56 ng

RT: 6.27 min Scan# 375

Delta R.T. 0.01 min

Lab File: BF081013.D

Acq: 17 Aug 2015 20:19

Instrument :

BNA_F

ClientSampleId :

COFF-3(0-2)-2

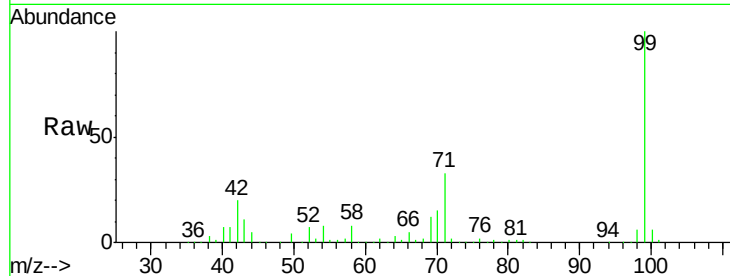
Tot Ion: 99 Resp: 623516

Ion Ratio Lower Upper

99 100

42 19.6 19.6 29.4

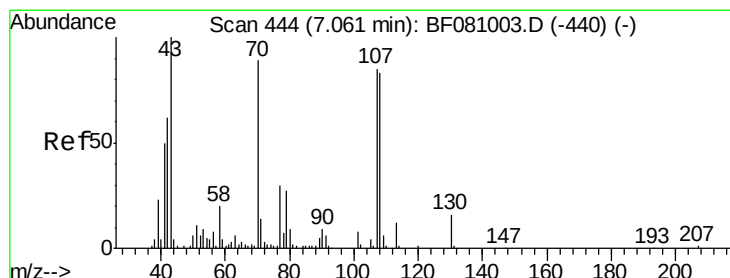
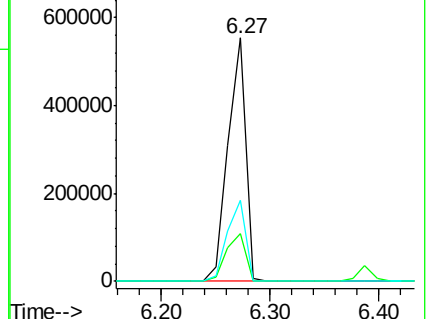
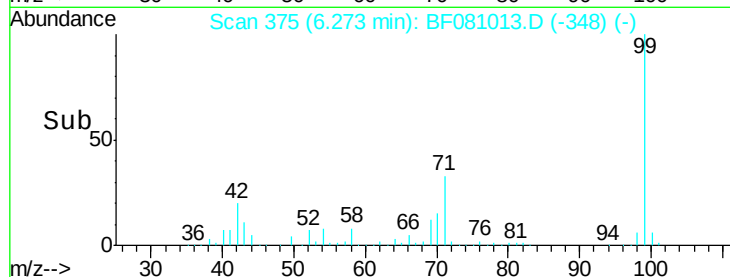
71 33.4 31.2 46.8



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: 12.74 ng

RT: 7.20 min Scan# 456

Delta R.T. 0.15 min

Lab File: BF081013.D

Acq: 17 Aug 2015 20:19

Tgt Ion: 70 Resp: 46792

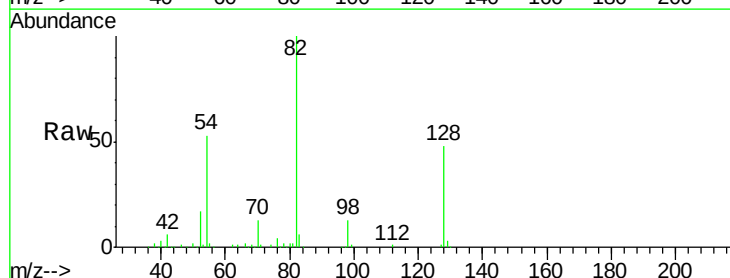
Ion Ratio Lower Upper

70 100

42 46.9 65.0 97.4#

101 0.0 7.4 11.2#

130 2.3 13.0 19.4#

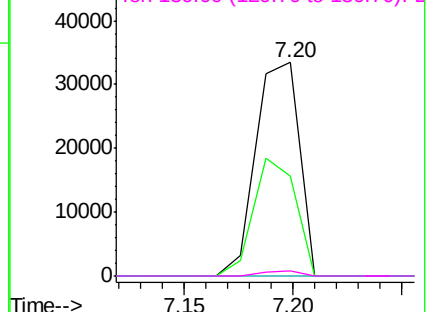
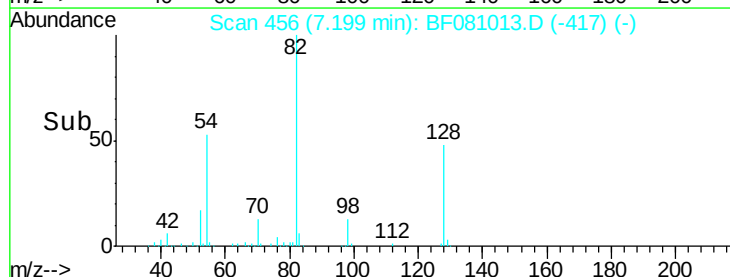


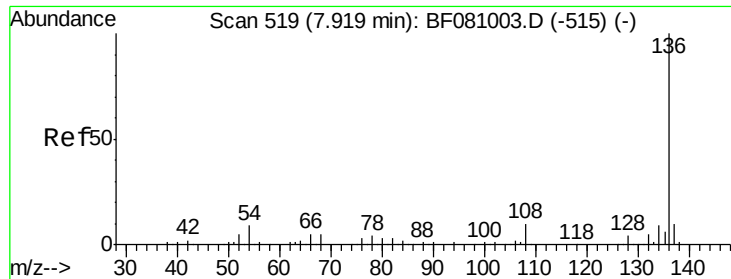
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

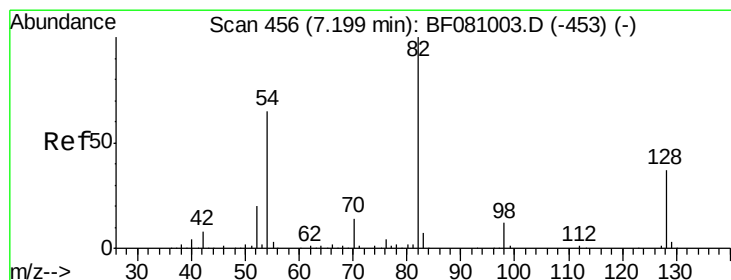
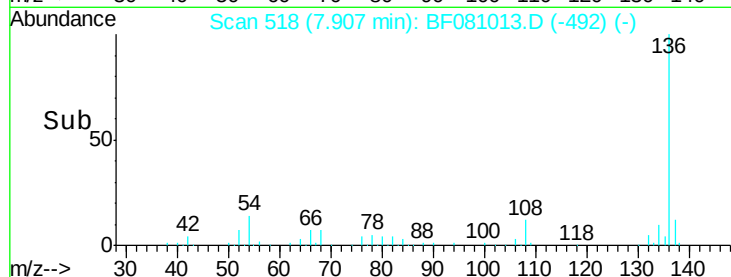
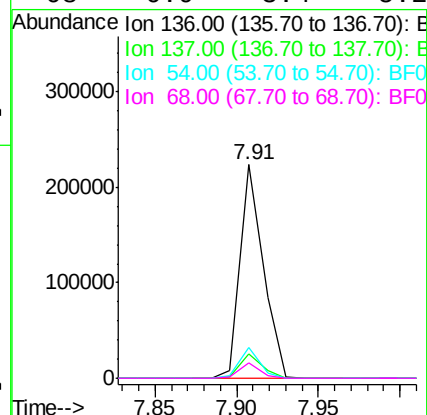
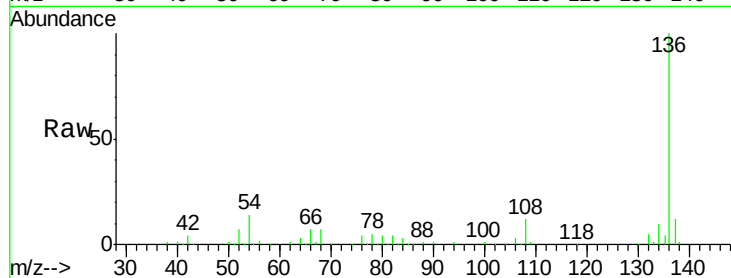




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.91 min Scan# 518
Delta R.T. 0.00 min
Lab File: BF081013.D
Acq: 17 Aug 2015 20:19

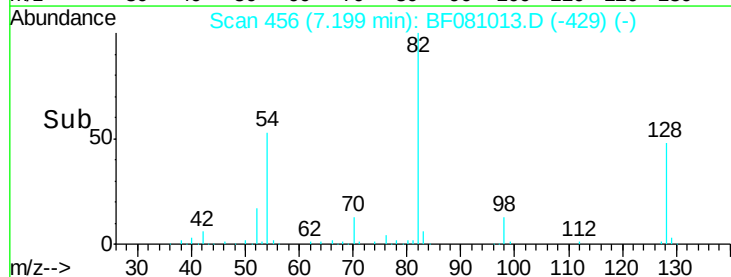
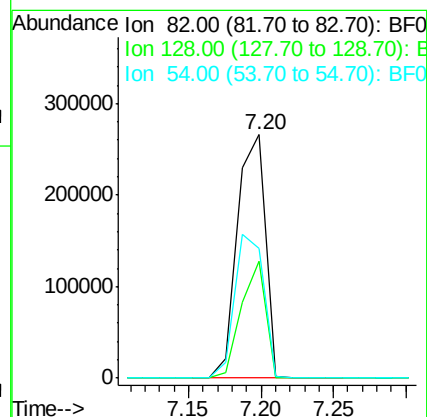
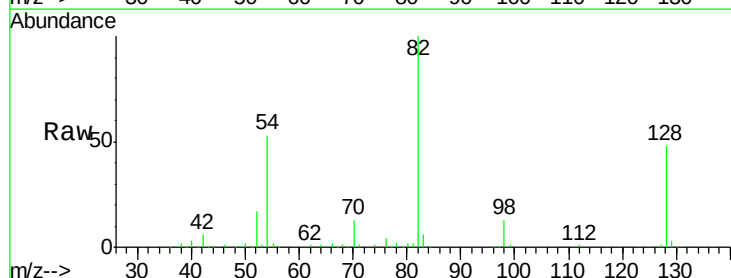
Instrument :
BNA_F
ClientSampleId :
COFF-3(0-2)-2

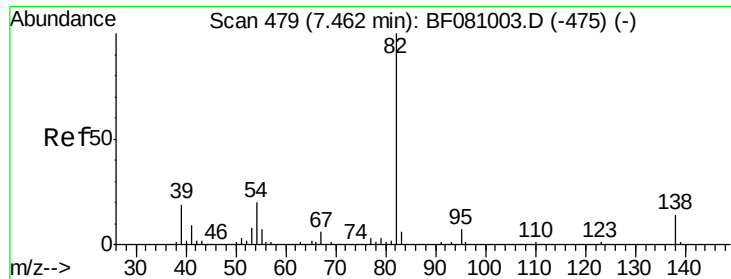
Tot Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.2	12.2
54	14.4	7.7	11.5#
68	6.9	3.4	5.2#



#23
Nitrobenzene-d5
Concen: 74.62 ng
RT: 7.20 min Scan# 456
Delta R.T. 0.01 min
Lab File: BF081013.D
Acq: 17 Aug 2015 20:19

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.9	28.6	42.8#
54	53.0	55.1	82.7#





#25

Isophorone

Concen: 38.37 ng

RT: 7.20 min Scan# 456

Delta R.T. -0.25 min

Lab File: BF081013.D

Acq: 17 Aug 2015 20:19

Instrument :

BNA_F

ClientSampleId :

COFF-3(0-2)-2

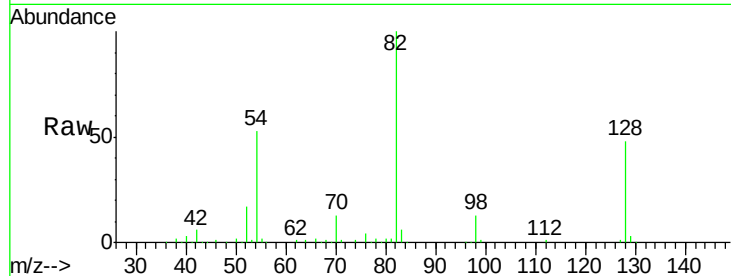
Tot Ion: 82 Resp: 342219

Ion Ratio Lower Upper

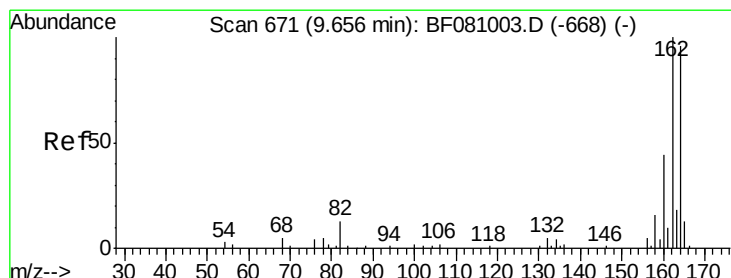
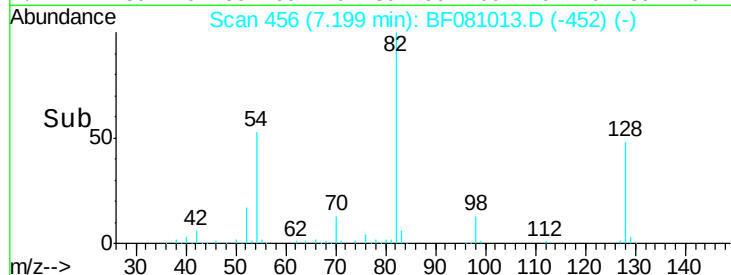
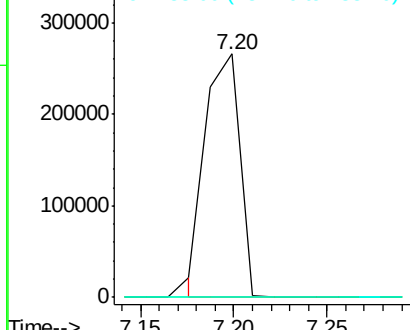
82 100

95 0.0 6.2 9.2#

138 0.0 10.5 15.7#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.66 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF081013.D

Acq: 17 Aug 2015 20:19

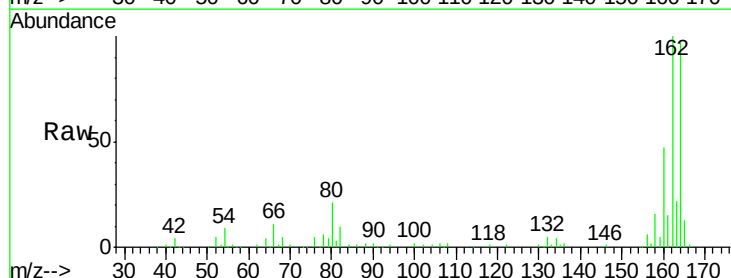
Tgt Ion:164 Resp: 106924

Ion Ratio Lower Upper

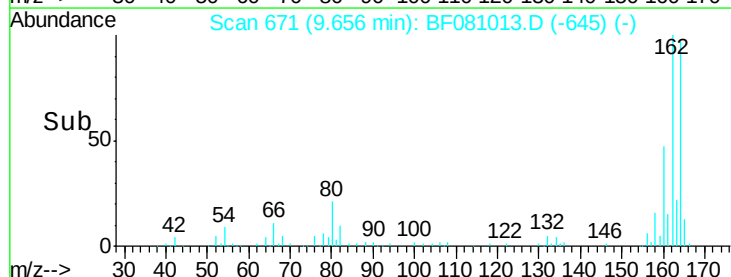
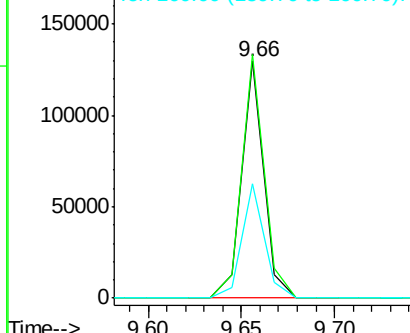
164 100

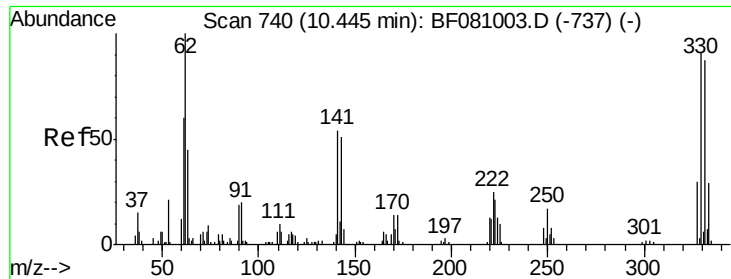
162 102.7 83.8 125.8

160 48.0 39.8 59.8



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

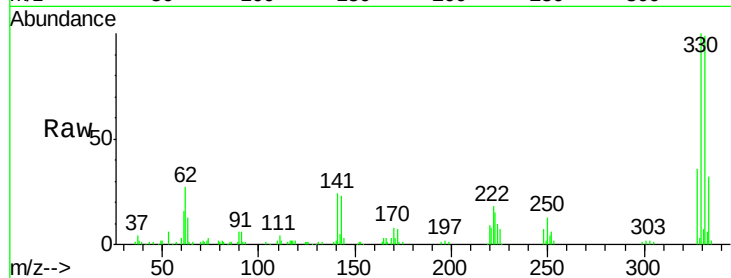




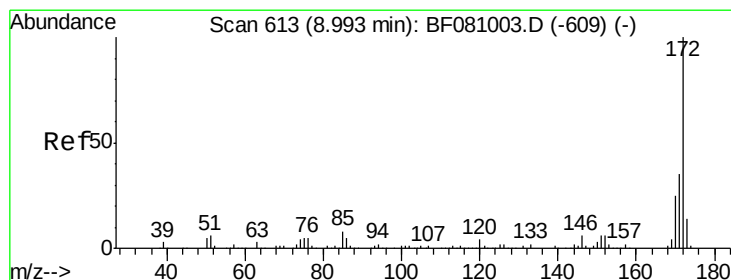
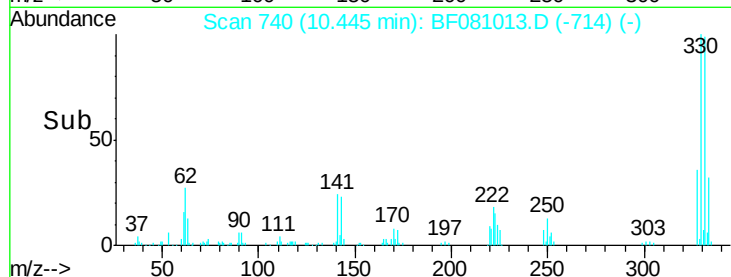
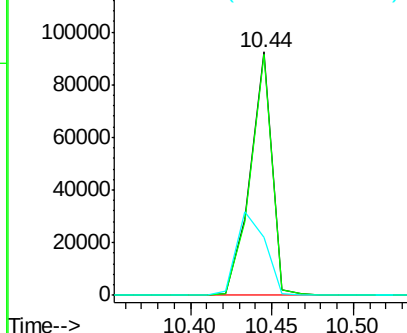
#41
 2,4,6-Tribromophenol
 Concen: 92.25 ng
 RT: 10.44 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF081013.D
 Acq: 17 Aug 2015 20:19

Instrument :
 BNA_F
 ClientSampleId :
 COFF-3(0-2)-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.3	115.9
141	45.0	44.9	67.3

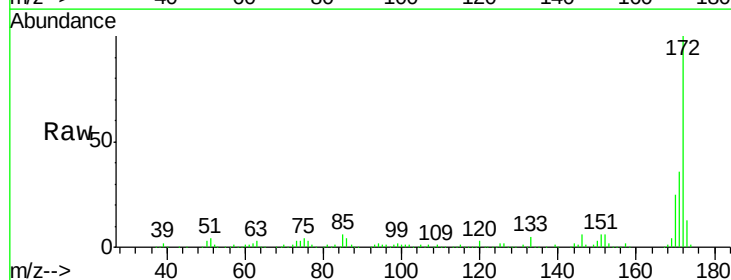


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

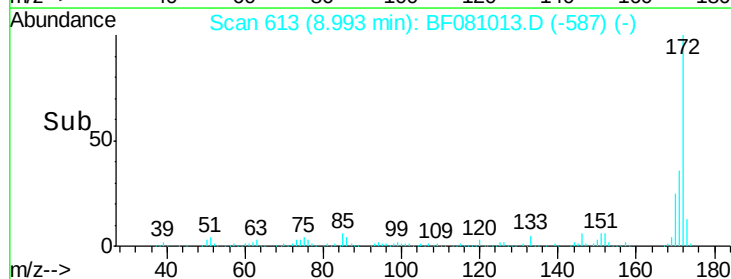
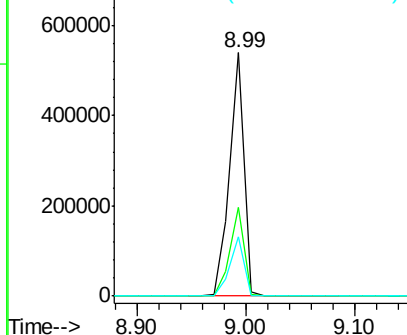


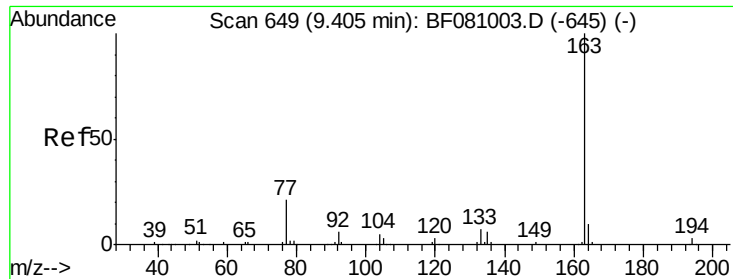
#44
 2-Fluorobiphenyl
 Concen: 60.48 ng
 RT: 8.99 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF081013.D
 Acq: 17 Aug 2015 20:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.9	43.3
170	24.5	19.4	29.2



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

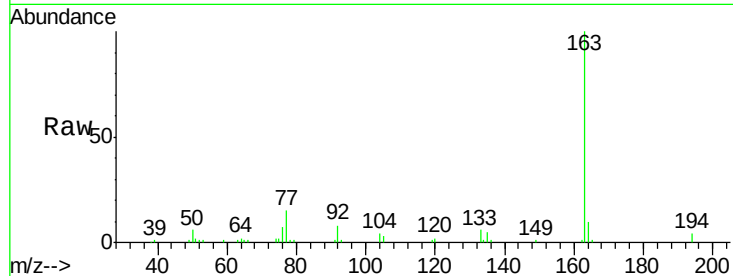




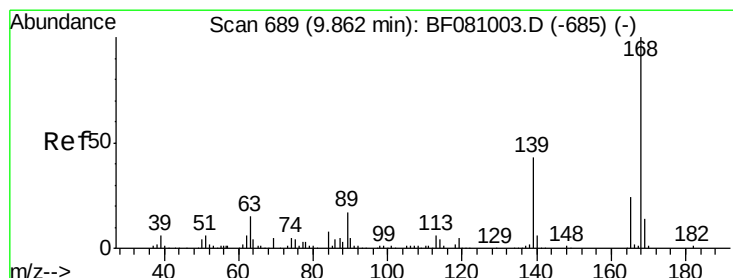
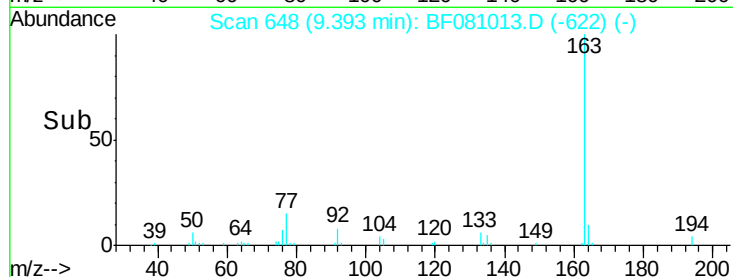
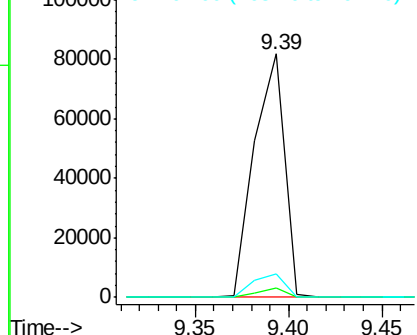
#49
Dimethylphthalate
Concen: 10.59 ng
RT: 9.39 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF081013.D
Acq: 17 Aug 2015 20:19

Instrument :
BNA_F
ClientSampled :
COFF-3(0-2)-2

Tot Ion:163 Resp: 93261
Ion Ratio Lower Upper
163 100
194 3.6 2.5 3.7
164 9.9 8.1 12.1

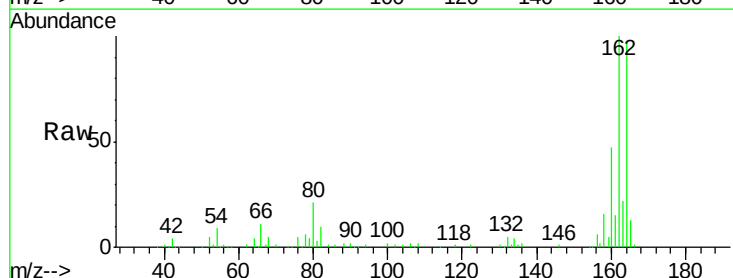


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

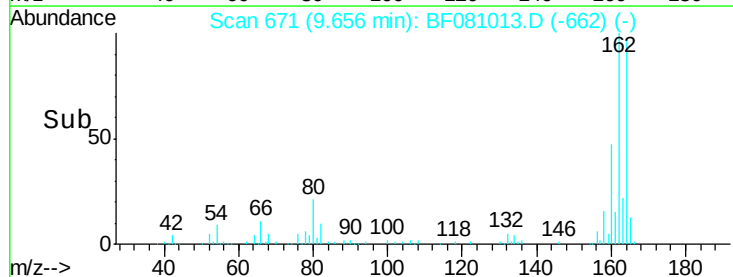
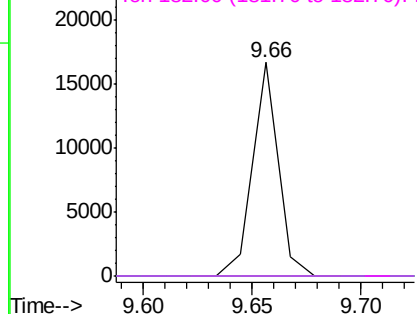


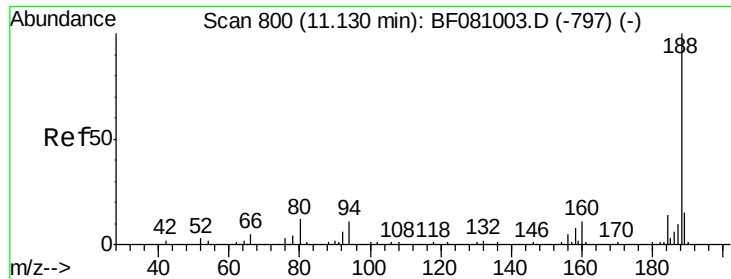
#56
2,4-Dinitrotoluene
Concen: 5.45 ng
RT: 9.66 min Scan# 671
Delta R.T. -0.19 min
Lab File: BF081013.D
Acq: 17 Aug 2015 20:19

Tgt Ion:165 Resp: 13647
Ion Ratio Lower Upper
165 100
63 0.0 52.2 78.4#
89 0.0 60.1 90.1#
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

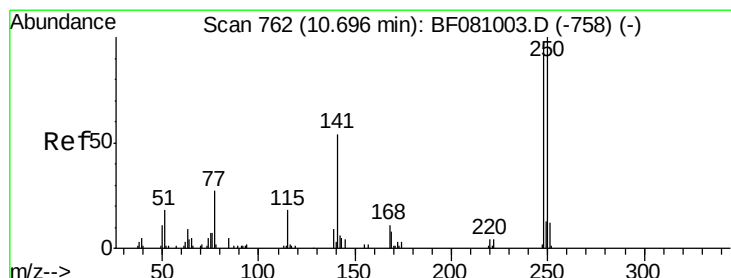
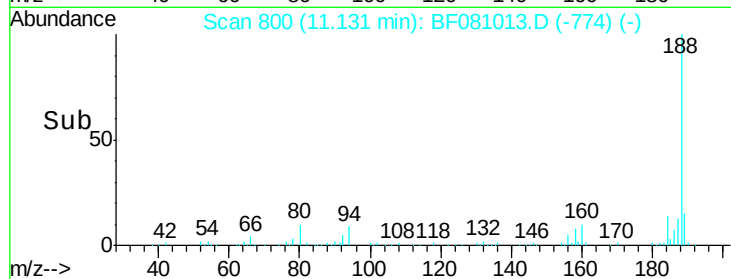
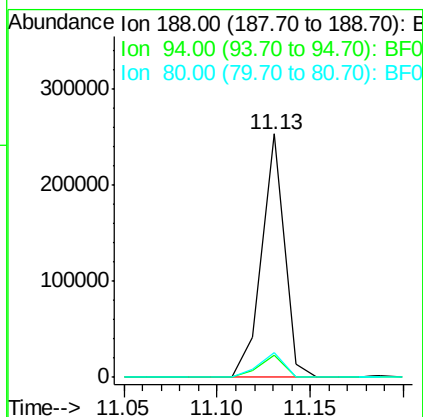
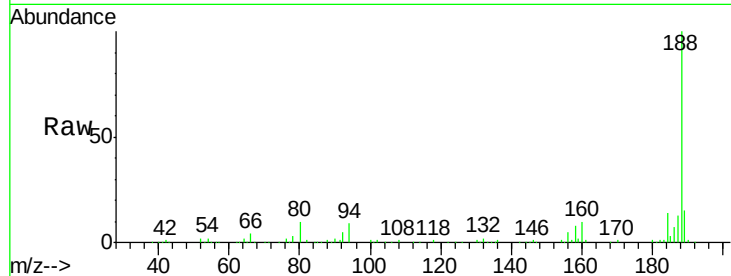




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF081013.D
 Acq: 17 Aug 2015 20:19

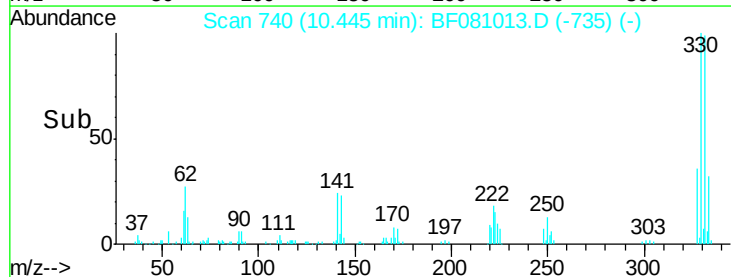
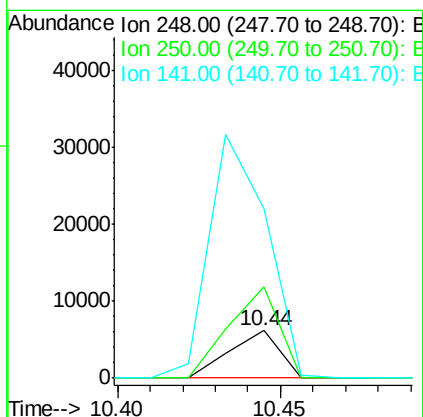
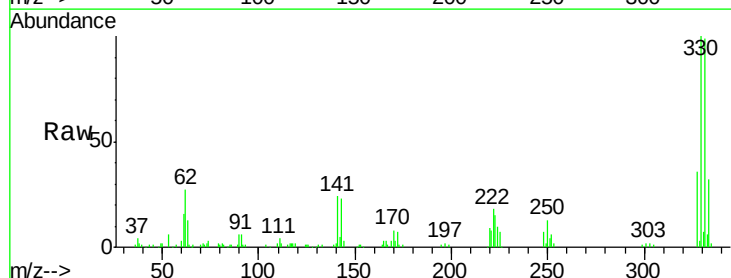
Instrument :
 BNA_F
 ClientSampleId :
 COFF-3(0-2)-2

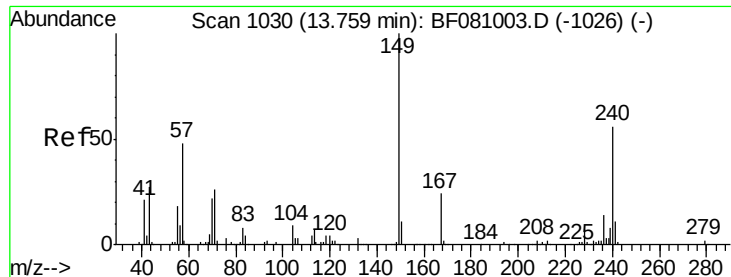
Tot Ion:188	Resp:	212615
Ion Ratio	Lower	Upper
188	100	
94	9.0	8.2 12.2
80	10.2	9.5 14.3



#66
 4-Bromophenyl-phenylether
 Concen: 3.09 ng
 RT: 10.44 min Scan# 740
 Delta R.T. -0.24 min
 Lab File: BF081013.D
 Acq: 17 Aug 2015 20:19

Tgt Ion:248	Resp:	6455
Ion Ratio	Lower	Upper
248	100	
250	193.4	77.8 116.6#
141	357.5	39.8 59.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF081013.D

Acq: 17 Aug 2015 20:19

Instrument :

BNA_F

ClientSampleId :

COFF-3(0-2)-2

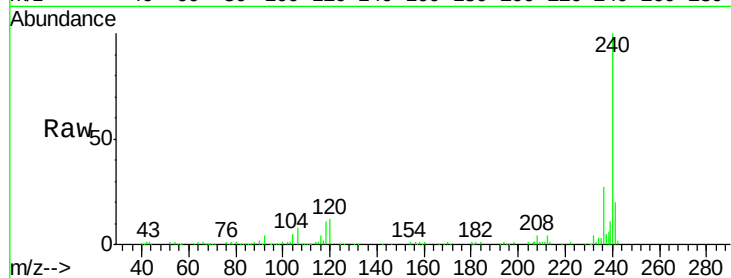
Tot Ion:240 Resp: 175066

Ion Ratio Lower Upper

240 100

120 11.8 5.6 8.4#

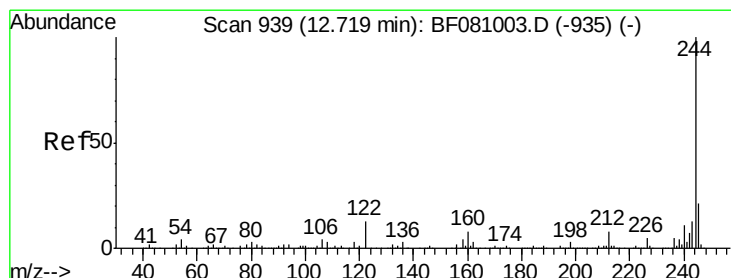
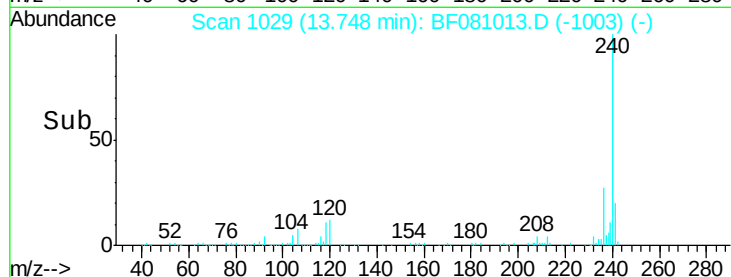
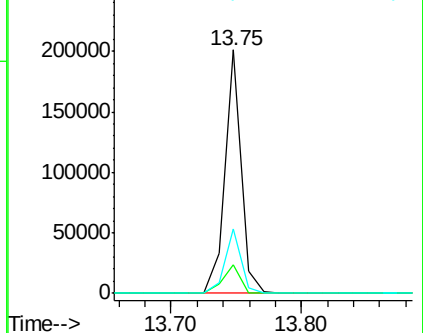
236 26.7 20.6 30.8



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: 53.07 ng

RT: 12.72 min Scan# 939

Delta R.T. 0.01 min

Lab File: BF081013.D

Acq: 17 Aug 2015 20:19

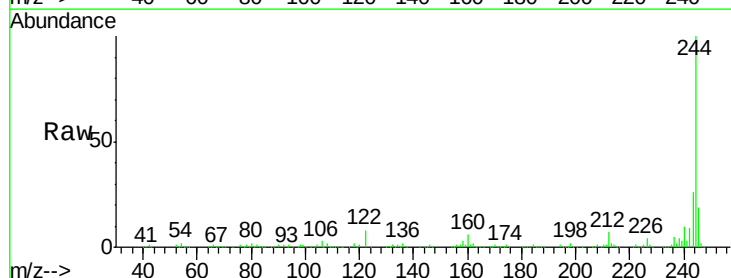
Tgt Ion:244 Resp: 433370

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

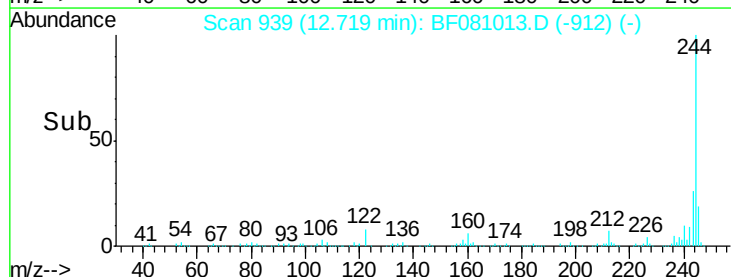
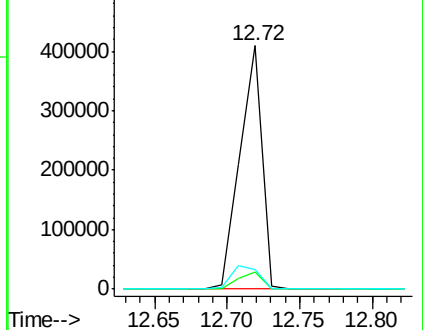
122 7.8 8.2 12.4#

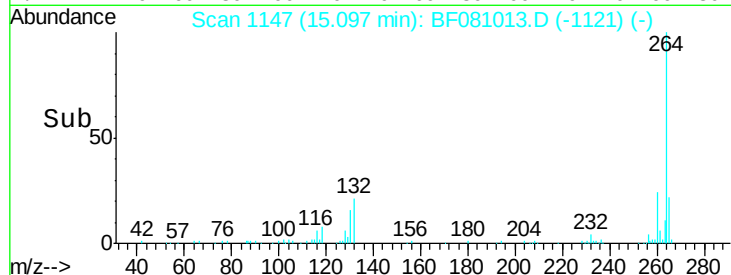
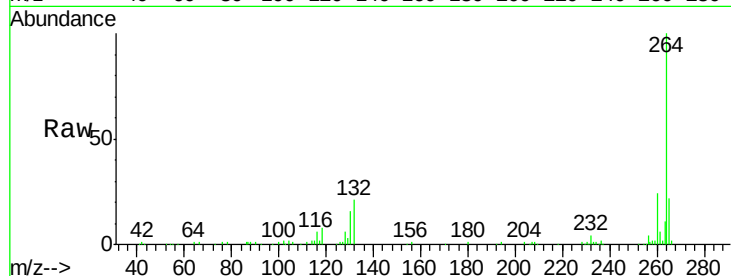
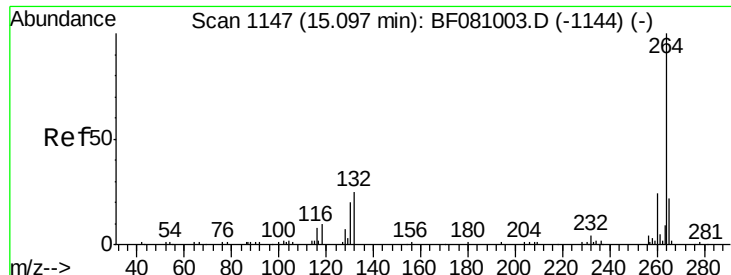


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.10 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BF081013.D
Acq: 17 Aug 2015 20:19

Instrument :
BNA_F
ClientSampleId :
COFF-3(0-2)-2

Tot Ion:	264	Resp:	128526
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.6	29.4
265	21.5	17.5	26.3

