

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
 Data File : BF081398.D
 Acq On : 4 Sep 2015 2:44
 Operator : UM/IZ
 Sample : G3505-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P005-BF004-01

Quant Time: Sep 04 03:38:27 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 04 02:03:29 2015
 Response via : Initial Calibration

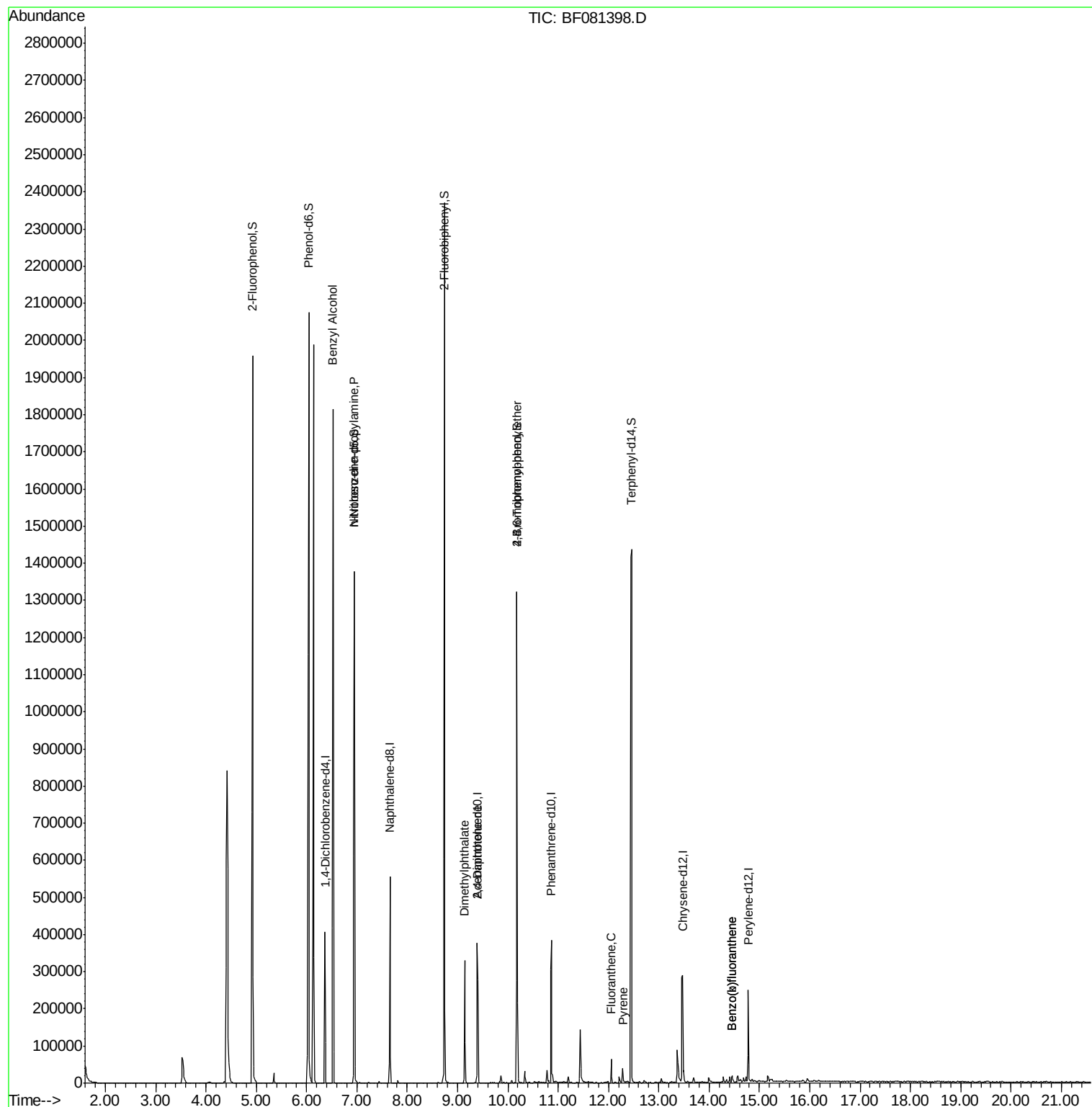
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.36	152	55637	20.00	ng	-0.01
21) Naphthalene-d8	7.66	136	224030	20.00	ng	-0.01
38) Acenaphthene-d10	9.39	164	100576	20.00	ng	-0.01
63) Phenanthrene-d10	10.87	188	198008	20.00	ng	0.00
75) Chrysene-d12	13.47	240	151248	20.00	ng	0.00
86) Perylene-d12	14.78	264	97910	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.92	112	526546	146.83	ng	0.01
7) Phenol-d6	6.04	99	784150	165.20	ng	0.00
23) Nitrobenzene-d5	6.95	82	480364	103.45	ng	0.00
41) 2,4,6-Tribromophenol	10.18	330	118554	132.38	ng	-0.01
44) 2-Fluorobiphenyl	8.74	172	716390	91.28	ng	-0.01
78) Terphenyl-d14	12.46	244	699708	107.69	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.52	79	7942	2.04	ng	# 31
19) n-Nitroso-di-n-propylamine	6.95	70	64697	20.03	ng	# 63
49) Dimethylphthalate	9.14	163	132368	16.94	ng	# 97
56) 2,4-Dinitrotoluene	9.39	165	12492	5.53	ng	# 31
66) 4-Bromophenyl-phenylether	10.18	248	8429	4.21	ng	# 1
74) Fluoranthene	12.06	202	29024	2.44	ng	92
77) Pyrene	12.29	202	22597	2.02	ng	96
87) Benzo(b)fluoranthene	14.46	252	14873	2.13	ng	# 88
88) Benzo(k)fluoranthene	14.46	252	14873	2.56	ng	# 89

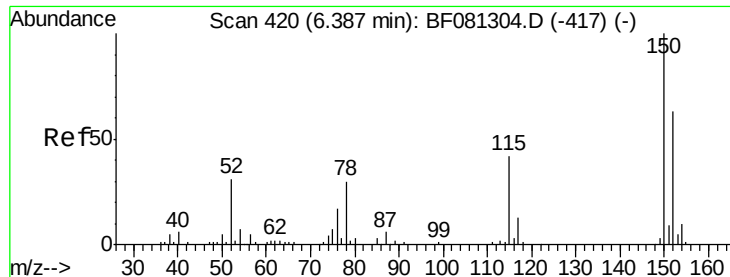
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081398.D
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF081398.D

Acq: 4 Sep 2015 2:44

Instrument :

BNA_F

ClientSampleId :

P005-BF004-01

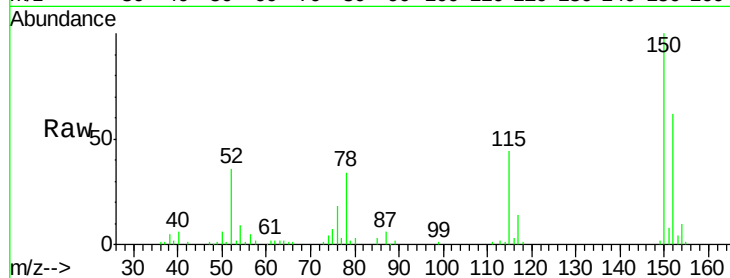
Tot Ion:152 Resp: 55637

Ion Ratio Lower Upper

152 100

150 161.2 124.7 187.1

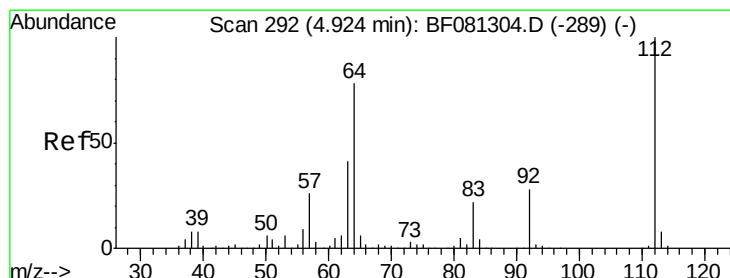
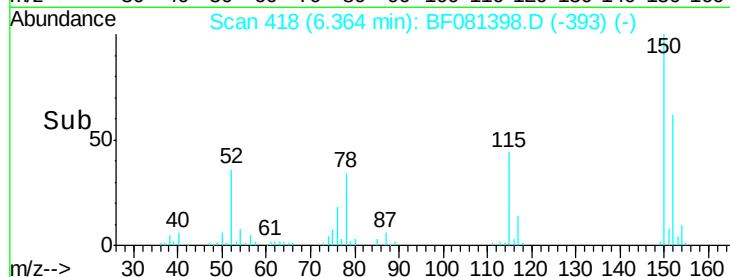
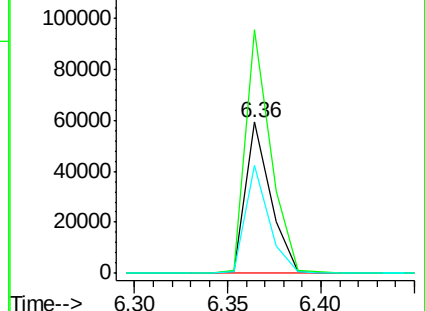
115 71.4 39.0 58.4#



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: 146.83 ng

RT: 4.92 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF081398.D

Acq: 4 Sep 2015 2:44

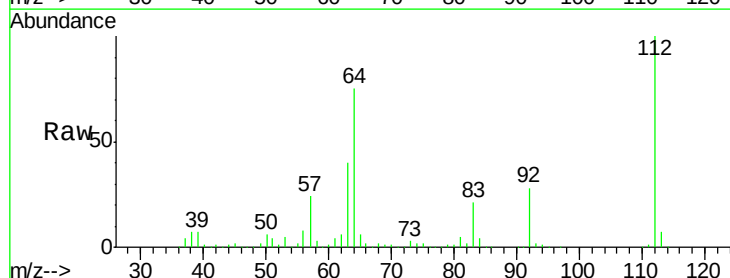
Tgt Ion:112 Resp: 526546

Ion Ratio Lower Upper

112 100

64 74.9 39.7 59.5#

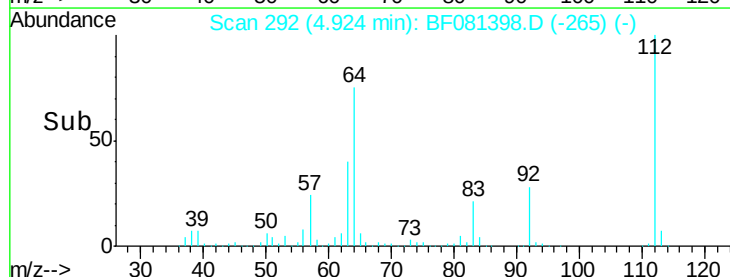
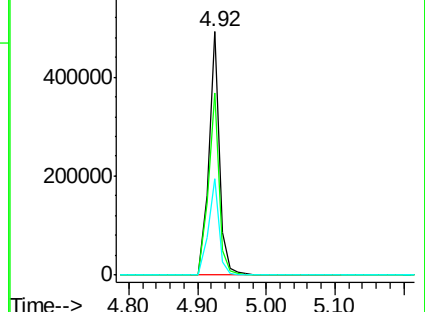
63 39.7 17.4 26.0#

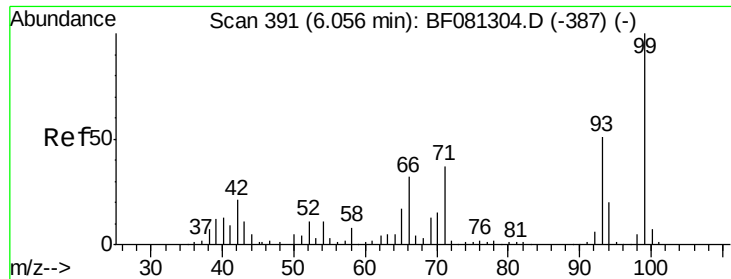


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 165.20 ng

RT: 6.04 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF081398.D

Acq: 4 Sep 2015 2:44

Instrument :

BNA_F

ClientSampleId :

P005-BF004-01

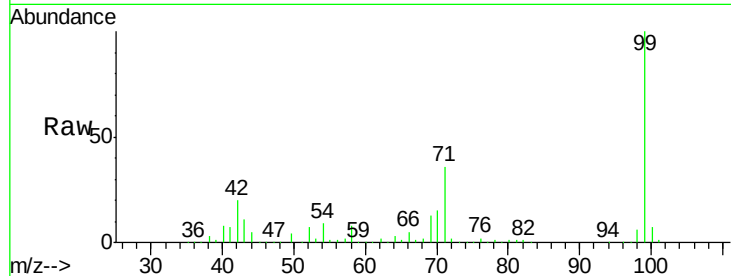
Tot Ion: 99 Resp: 784150

Ion Ratio Lower Upper

99 100

42 20.4 13.7 20.5

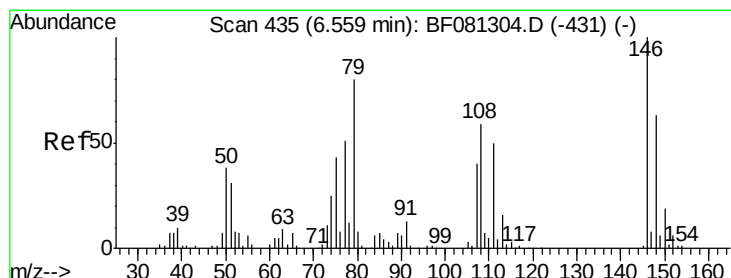
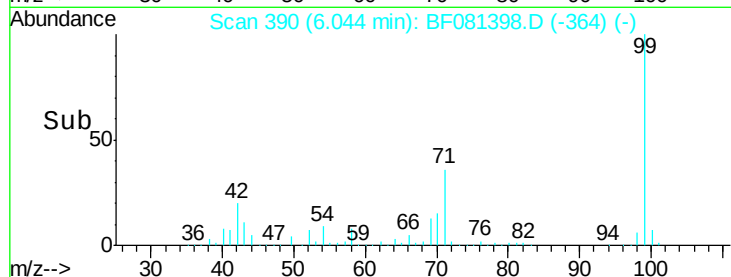
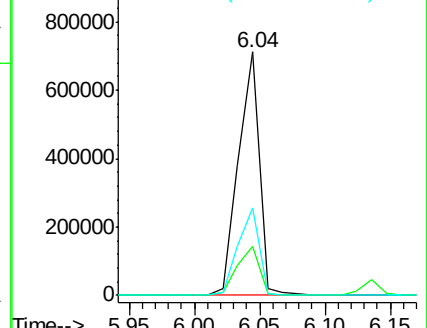
71 36.0 14.2 21.2#



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



#15

Benzyl Alcohol

Concen: 2.04 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF081398.D

Acq: 4 Sep 2015 2:44

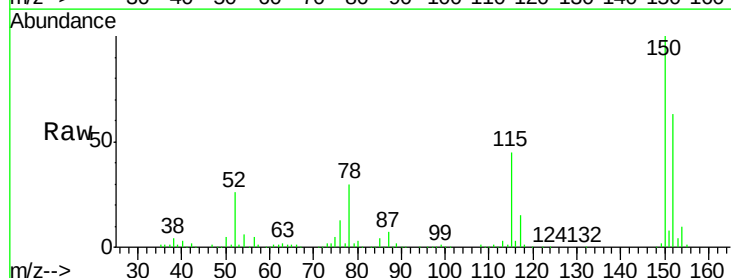
Tgt Ion: 79 Resp: 7942

Ion Ratio Lower Upper

79 100

108 27.6 88.6 132.8#

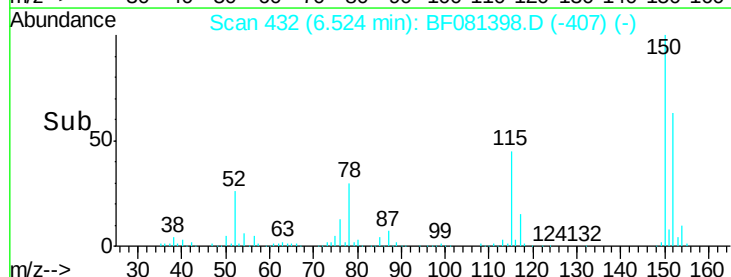
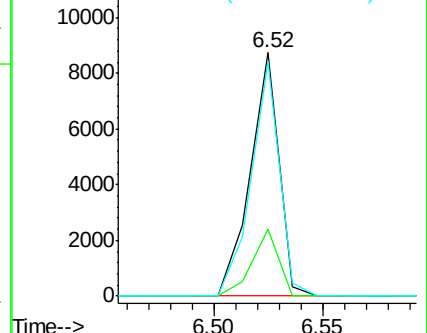
77 96.2 47.0 70.4#

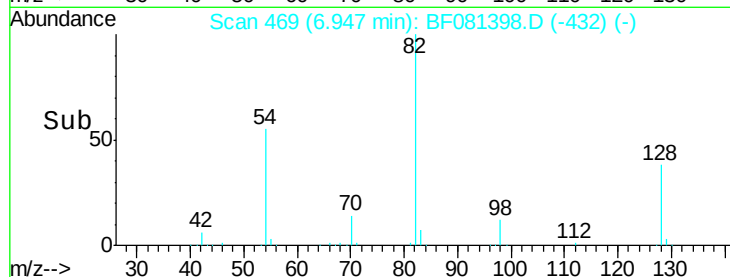
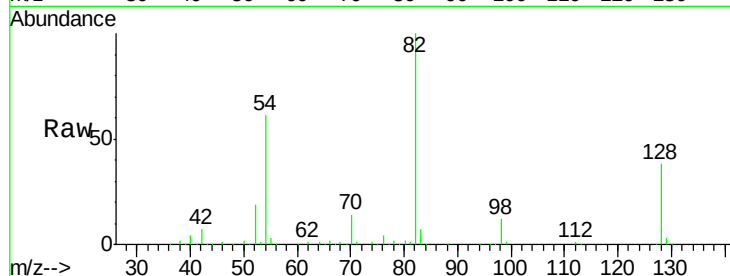
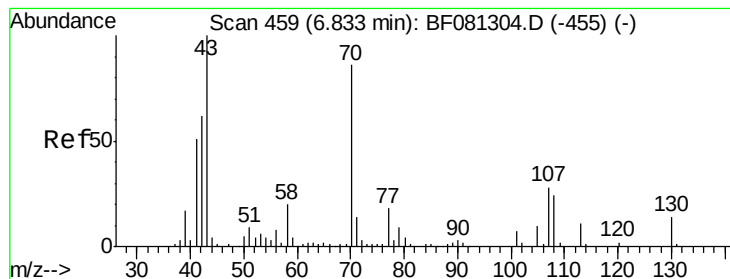


Abundance Ion 79.00 (78.70 to 79.70): BF0

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: 20.03 ng

RT: 6.95 min Scan# 469

Delta R.T. 0.13 min

Lab File: BF081398.D

Acq: 4 Sep 2015 2:44

Instrument :

BNA_F

ClientSampleId :

P005-BF004-01

Tot Ion: 70 Resp: 64697

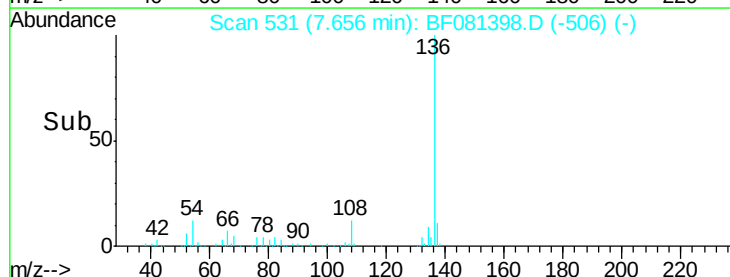
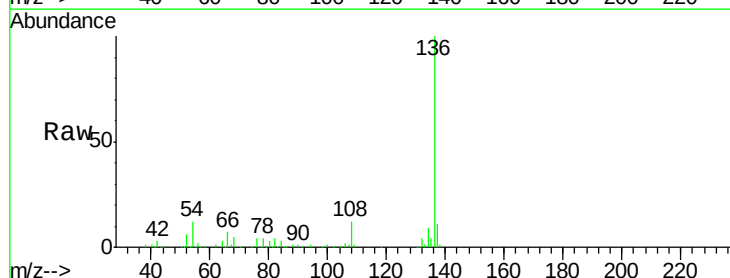
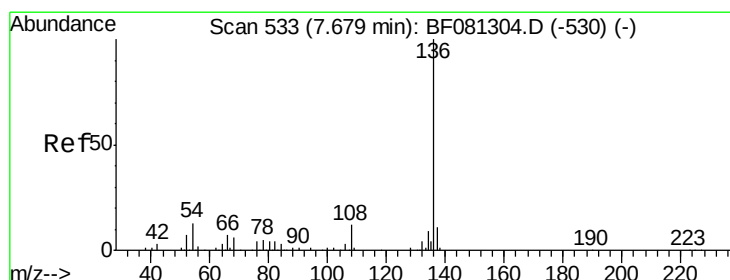
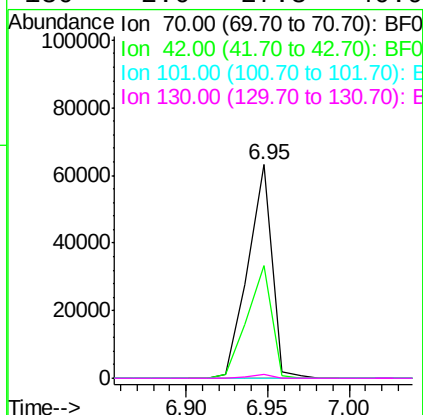
Ion Ratio Lower Upper

70 100

42 52.6 63.8 95.6#

101 0.0 9.2 13.8#

130 2.0 27.3 40.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.66 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF081398.D

Acq: 4 Sep 2015 2:44

Tgt Ion: 136 Resp: 224030

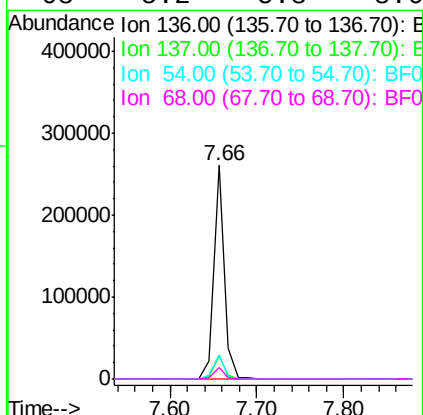
Ion Ratio Lower Upper

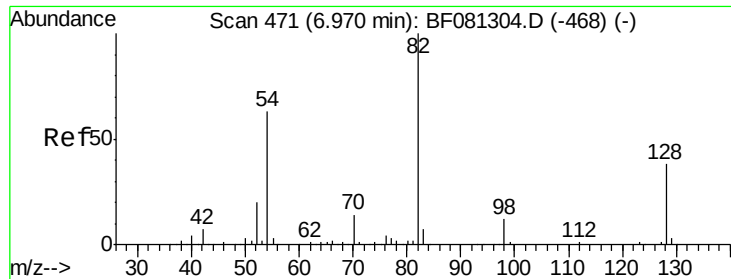
136 100

137 10.9 9.0 13.6

54 11.7 8.2 12.2

68 5.2 5.8 8.6#

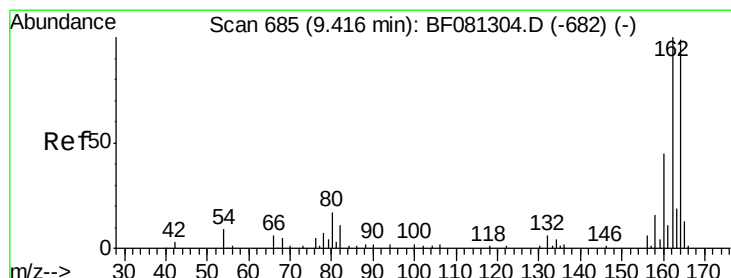
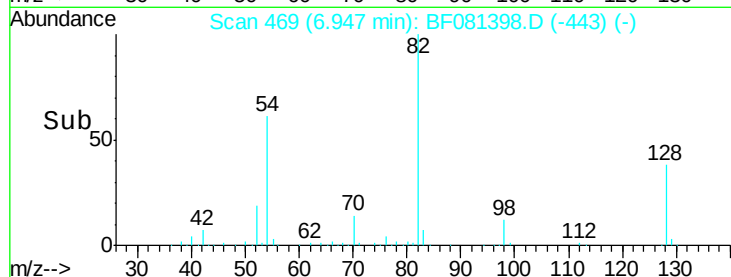
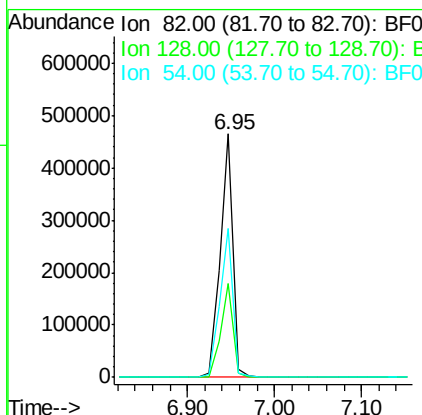
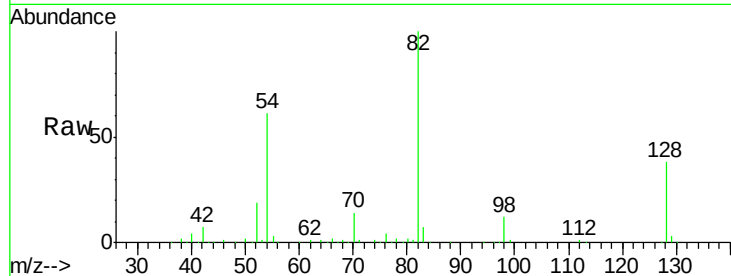




#23
 Nitrobenzene-d5
 Concen: 103.45 ng
 RT: 6.95 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF081398.D
 Acq: 4 Sep 2015 2:44

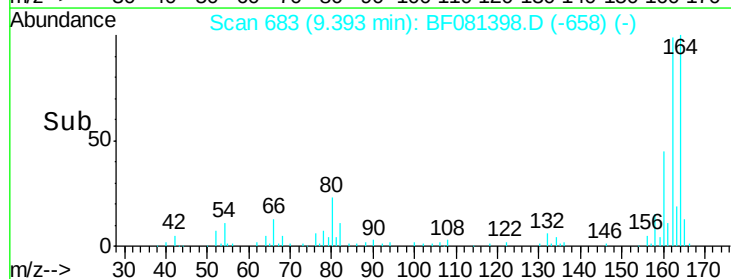
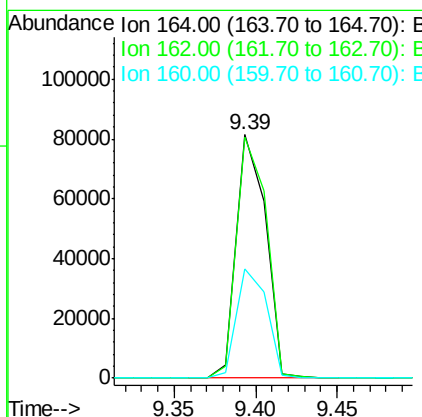
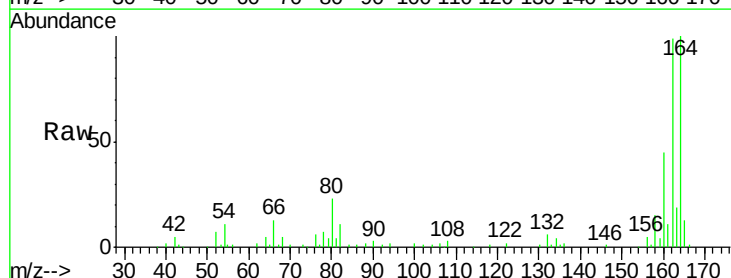
Instrument :
 BNA_F
 ClientSampleId :
 P005-BF004-01

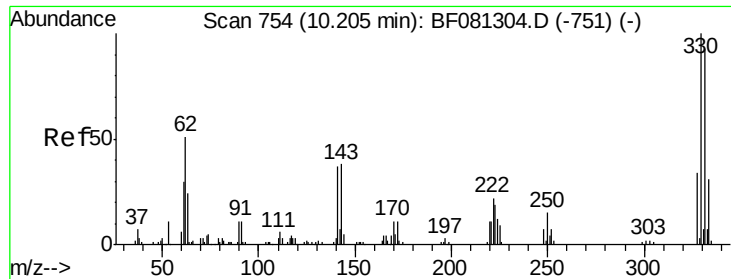
Tot Ion: 82 Resp: 480364
 Ion Ratio Lower Upper
 82 100
 128 38.3 51.0 76.6#
 54 61.0 47.5 71.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 683
 Delta R.T. -0.01 min
 Lab File: BF081398.D
 Acq: 4 Sep 2015 2:44

Tgt Ion:164 Resp: 100576
 Ion Ratio Lower Upper
 164 100
 162 98.9 75.2 112.8
 160 44.7 31.5 47.3

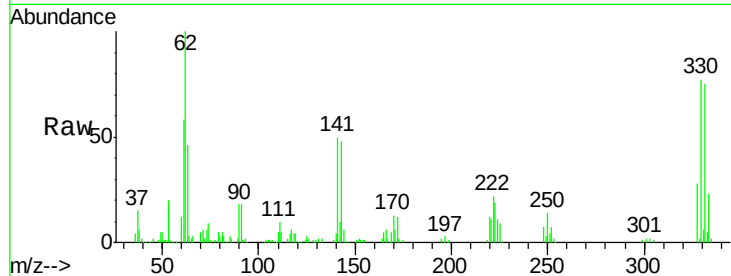




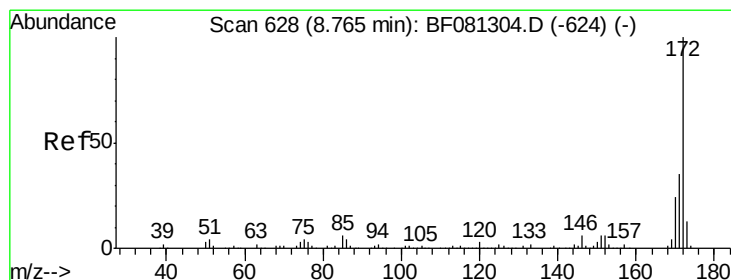
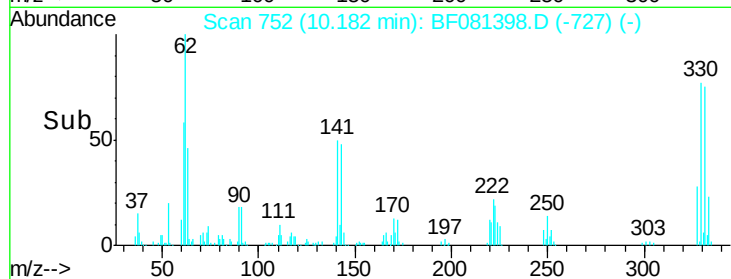
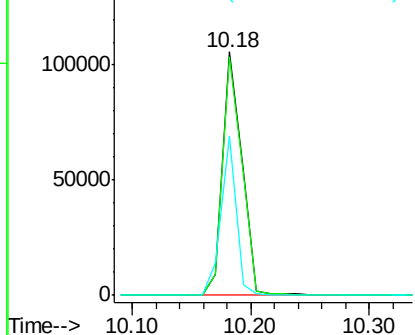
#41
 2,4,6-Tribromophenol
 Concen: 132.38 ng
 RT: 10.18 min Scan# 752
 Delta R.T. -0.01 min
 Lab File: BF081398.D
 Acq: 4 Sep 2015 2:44

Instrument :
 BNA_F
 ClientSampleId :
 P005-BF004-01

Tot Ion:330 Resp: 118554
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 114.8
 141 51.5 29.7 44.5#

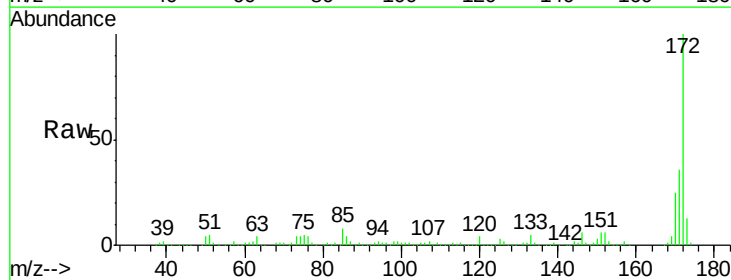


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

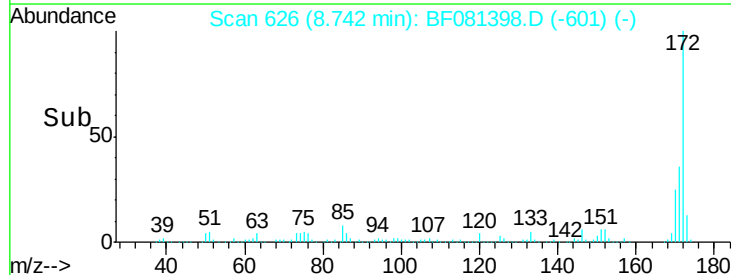
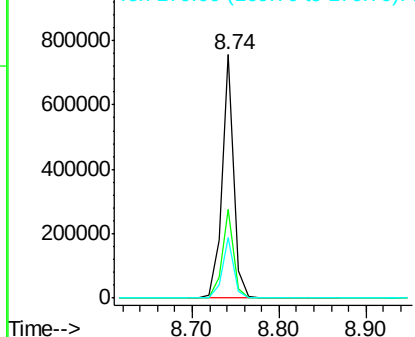


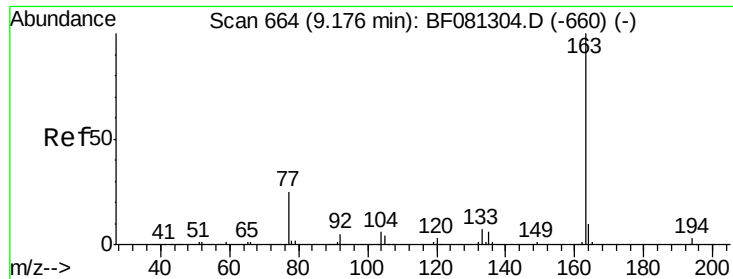
#44
 2-Fluorobiphenyl
 Concen: 91.28 ng
 RT: 8.74 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF081398.D
 Acq: 4 Sep 2015 2:44

Tgt Ion:172 Resp: 716390
 Ion Ratio Lower Upper
 172 100
 171 36.2 26.1 39.1
 170 24.7 17.4 26.2



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

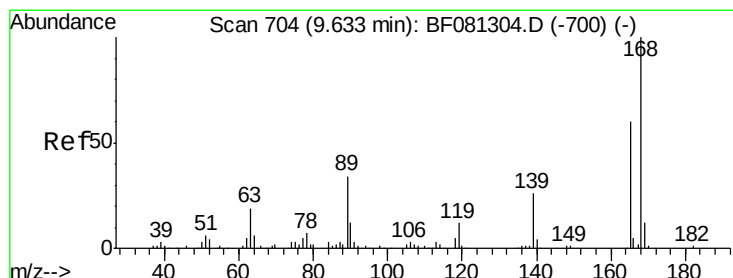
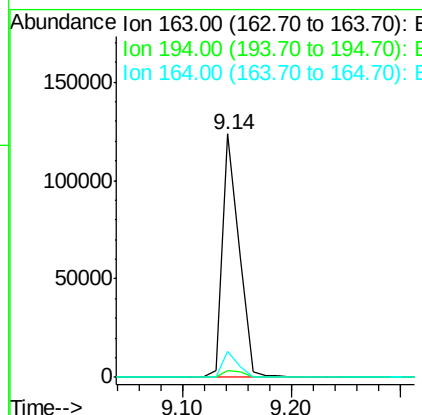
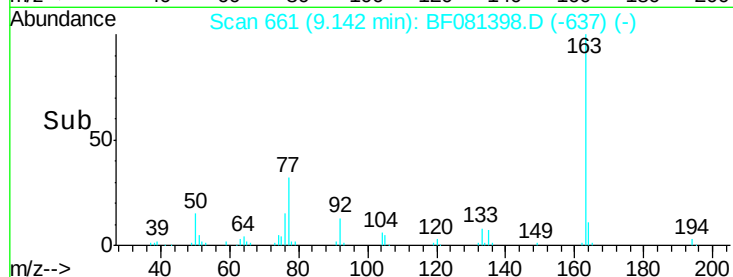
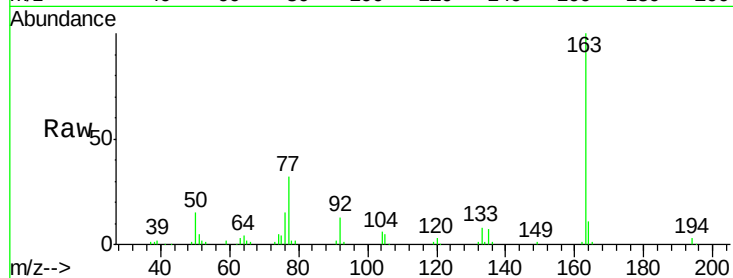




#49
Dimethylphthalate
Concen: 16.94 ng
RT: 9.14 min Scan# 661
Delta R.T. -0.02 min
Lab File: BF081398.D
Acq: 4 Sep 2015 2:44

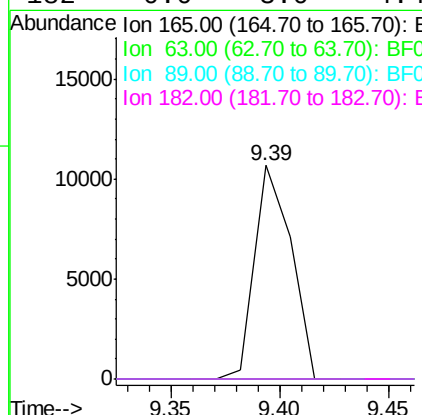
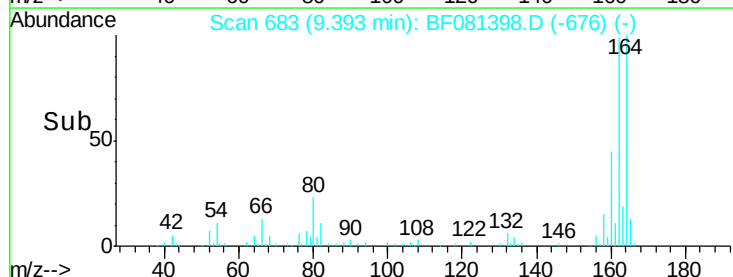
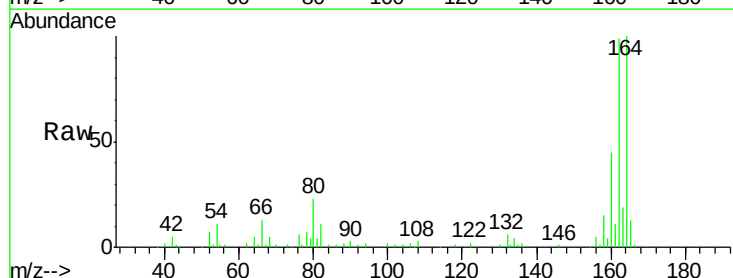
Instrument :
BNA_F
ClientSampleId :
P005-BF004-01

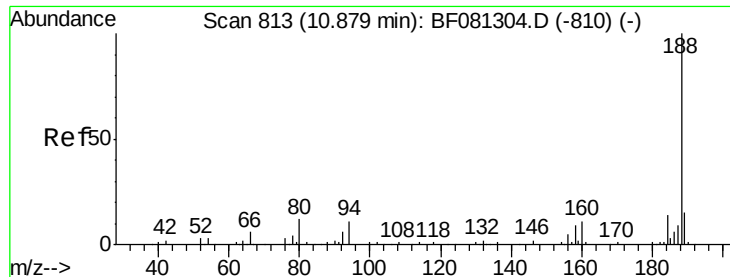
Tot Ion:163 Resp: 132368
Ion Ratio Lower Upper
163 100
194 2.9 4.4 6.6#
164 10.7 8.3 12.5



#56
2,4-Dinitrotoluene
Concen: 5.53 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.22 min
Lab File: BF081398.D
Acq: 4 Sep 2015 2:44

Tgt Ion:165 Resp: 12492
Ion Ratio Lower Upper
165 100
63 0.0 29.8 44.6#
89 0.0 44.5 66.7#
182 0.0 3.0 4.4#

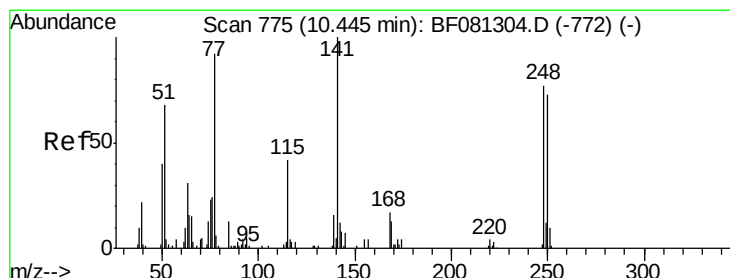
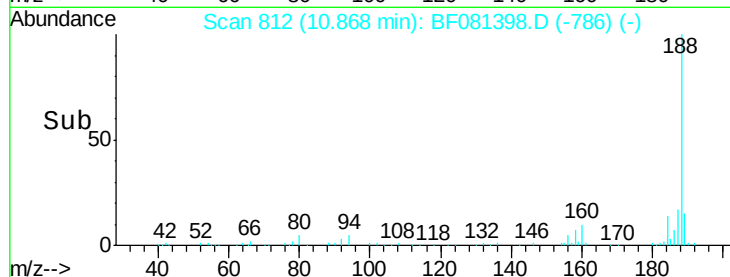
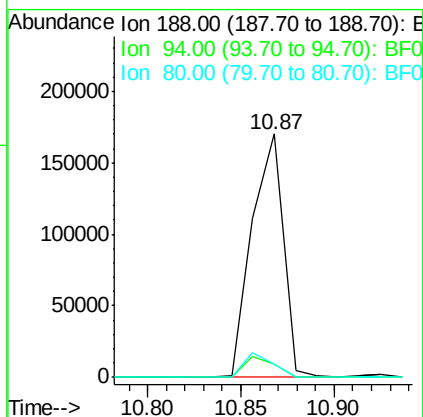
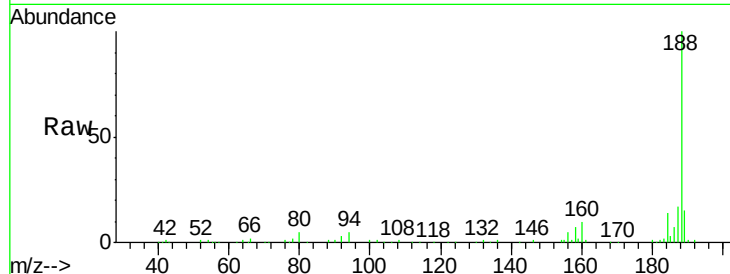




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.87 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF081398.D
Acq: 4 Sep 2015 2:44

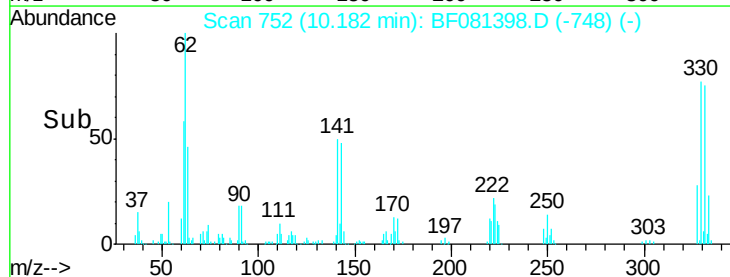
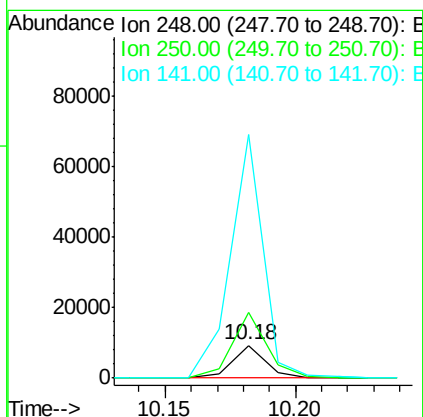
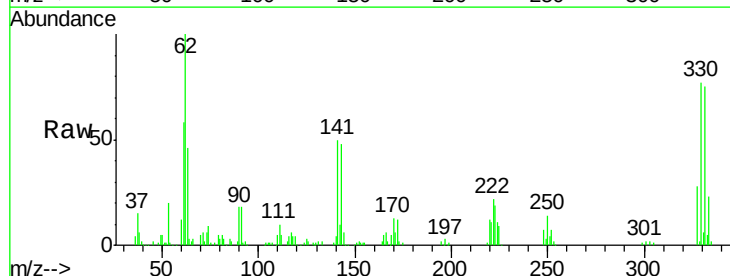
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P005-BF004-01

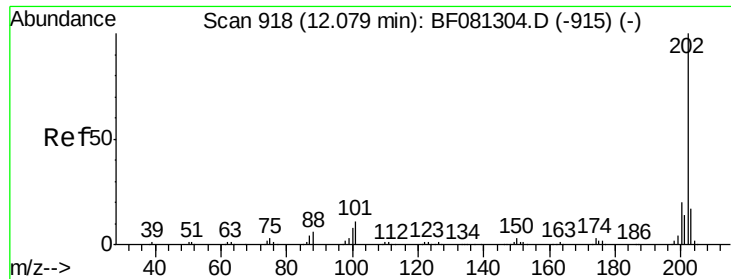
Tot Ion:188 Resp: 198008
Ion Ratio Lower Upper
188 100
94 5.4 11.1 16.7#
80 5.3 11.0 16.4#



#66
4-Bromophenyl-phenylether
Concen: 4.21 ng
RT: 10.18 min Scan# 752
Delta R.T. -0.25 min
Lab File: BF081398.D
Acq: 4 Sep 2015 2:44

Tgt Ion:248 Resp: 8429
Ion Ratio Lower Upper
248 100
250 202.1 78.5 117.7#
141 750.3 59.0 88.6#

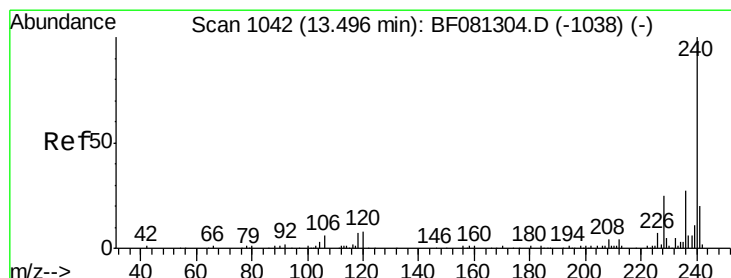
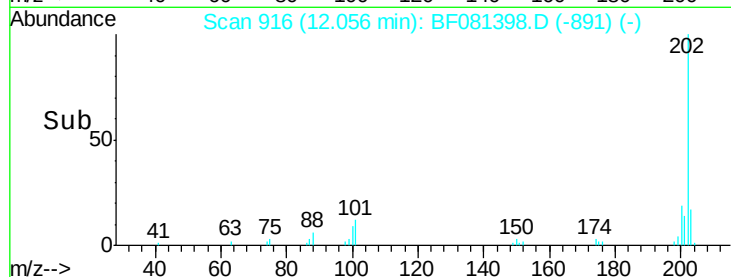
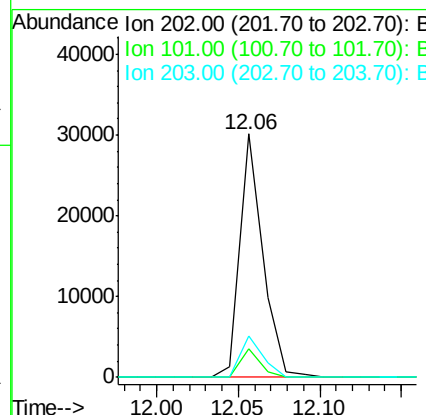
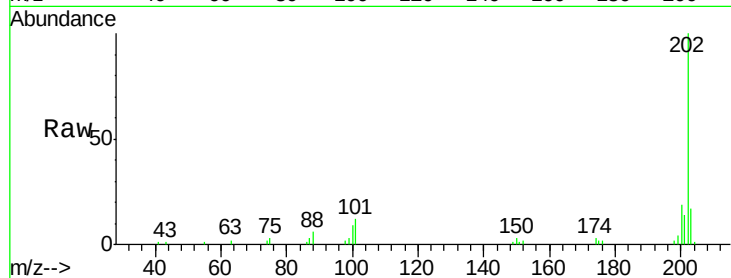




#74
 Fluoranthene
 Concen: 2.44 ng
 RT: 12.06 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: BF081398.D
 Acq: 4 Sep 2015 2:44

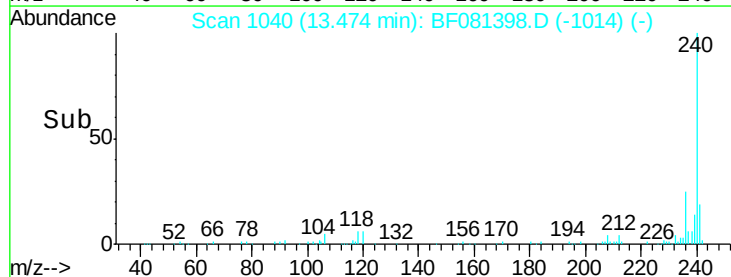
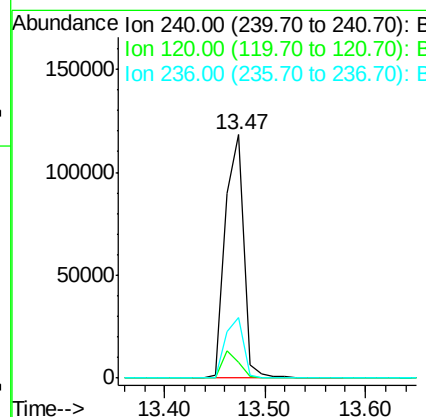
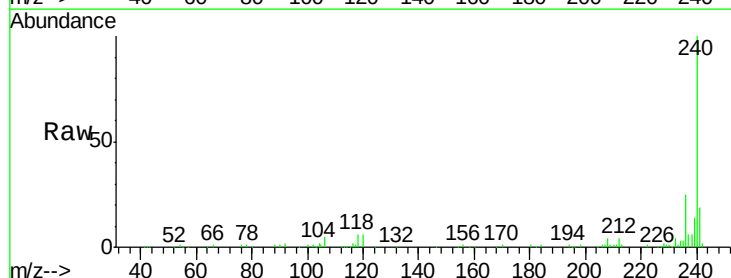
Instrument :
 BNA_F
 ClientSampleId :
 P005-BF004-01

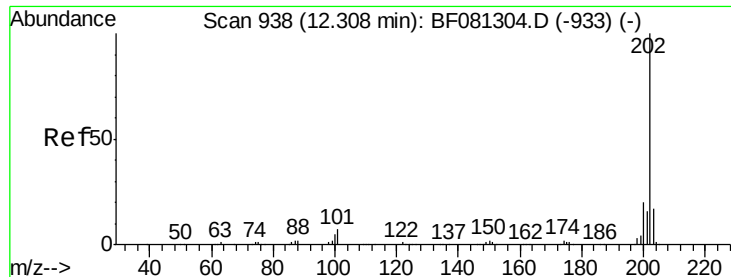
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	38.3
203	17.3	0.0	37.3



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.47 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF081398.D
 Acq: 4 Sep 2015 2:44

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.3	16.2	24.2#
236	24.9	18.4	27.6





#77

Pvrene

Concen: 2.02 ng

RT: 12.29 min Scan# 936

Delta R.T. 0.00 min

Lab File: BF081398.D

Acq: 4 Sep 2015 2:44

Instrument :

BNA_F

ClientSampleId :

P005-BF004-01

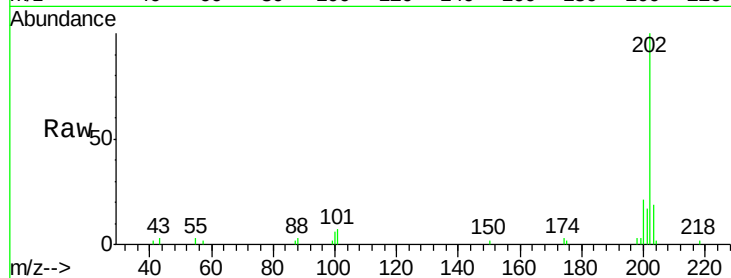
Tot Ion:202 Resp: 22597

Ion Ratio Lower Upper

202 100

200 21.3 15.0 22.4

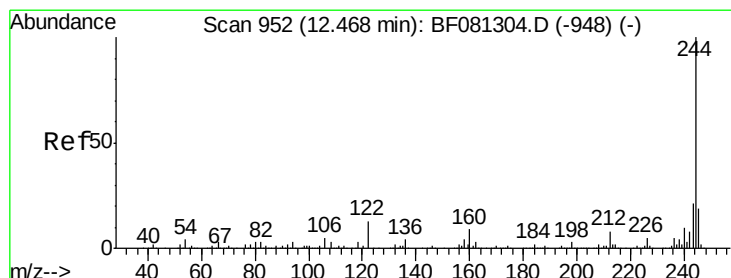
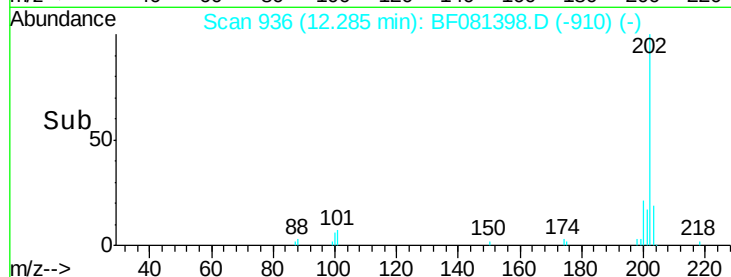
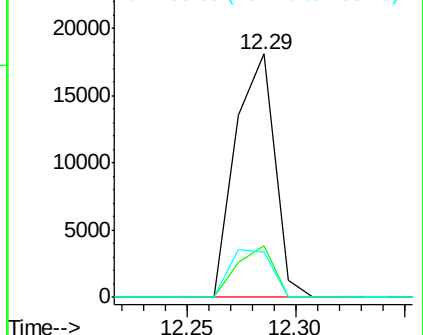
203 18.5 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 107.69 ng

RT: 12.46 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF081398.D

Acq: 4 Sep 2015 2:44

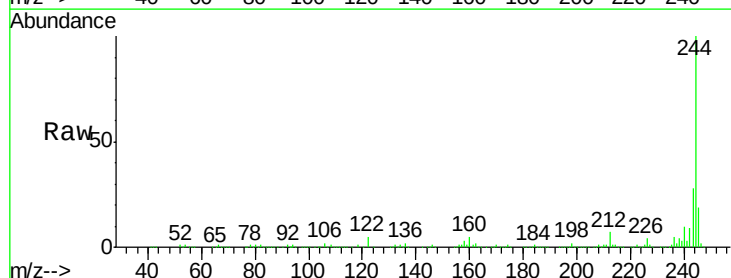
Tgt Ion:244 Resp: 699708

Ion Ratio Lower Upper

244 100

212 6.9 4.3 6.5#

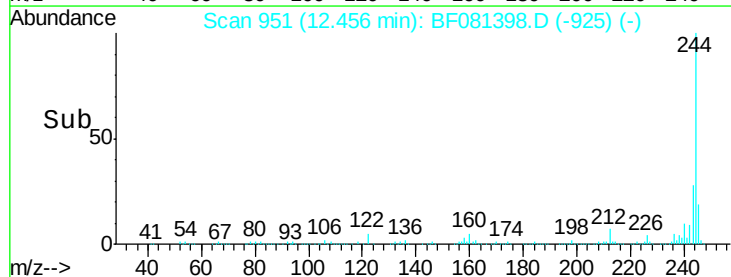
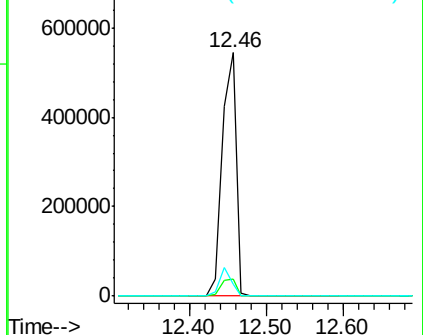
122 5.1 17.4 26.2#

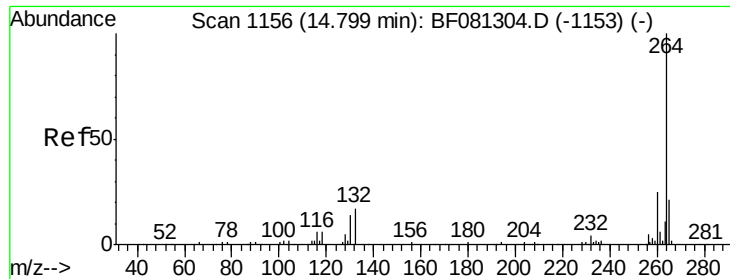


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

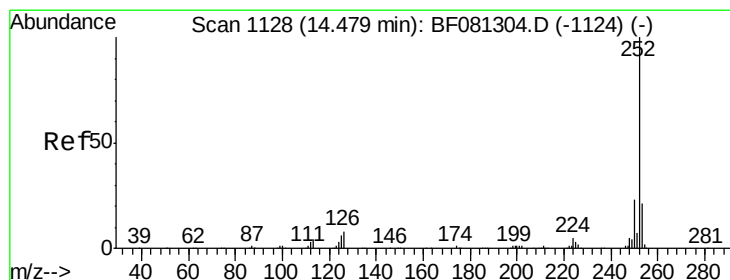
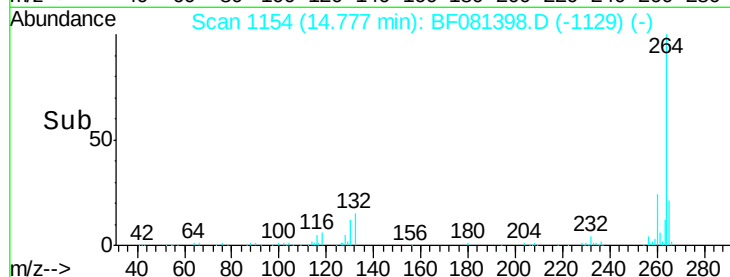
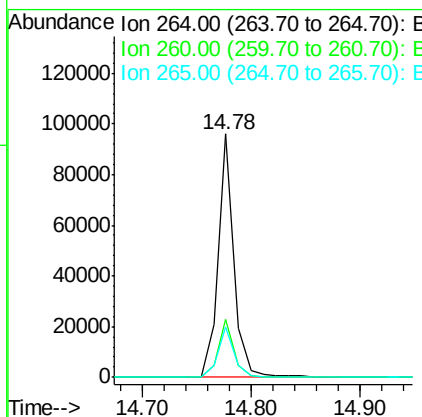
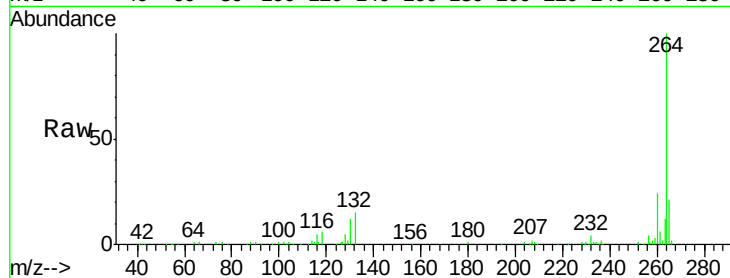




#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.78 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BF081398.D
Acq: 4 Sep 2015 2:44

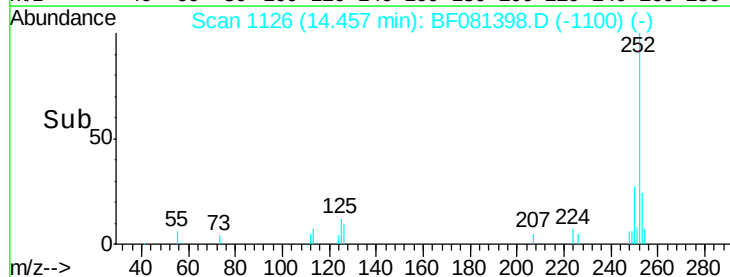
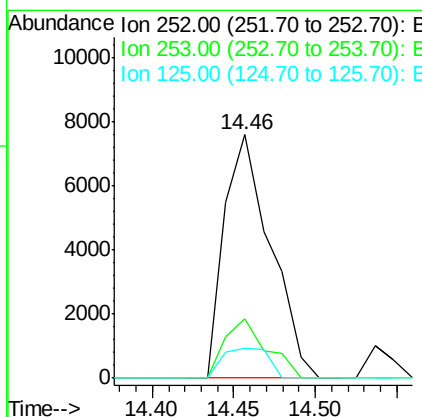
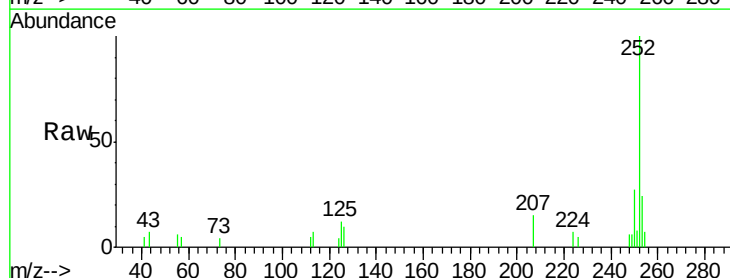
Instrument :
BNA_F
ClientSampleId :
P005-BF004-01

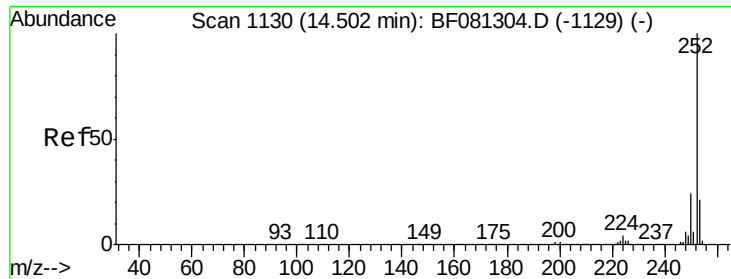
Tot Ion:264 Resp: 97910
Ion Ratio Lower Upper
264 100
260 23.7 16.7 25.1
265 20.8 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 2.13 ng
RT: 14.46 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF081398.D
Acq: 4 Sep 2015 2:44

Tgt Ion:252 Resp: 14873
Ion Ratio Lower Upper
252 100
253 24.1 17.5 26.3
125 12.2 17.1 25.7#





#88

Benzo(k)fluoranthene

Concen: 2.56 ng

RT: 14.46 min Scan# 1126

Delta R.T. -0.02 min

Lab File: BF081398.D

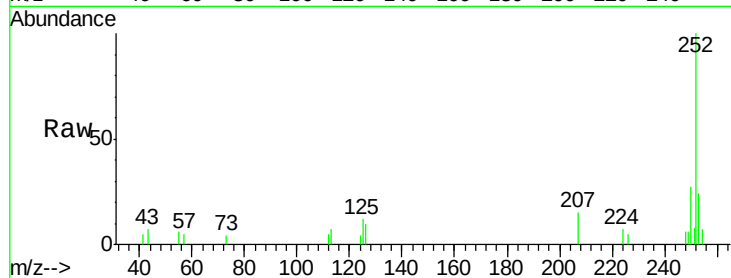
Acq: 4 Sep 2015 2:44

Instrument :

BNA_F

ClientSampleId :

P005-BF004-01



Tot Ion:	252	Resp:	14873
Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.0	25.4
125	12.2	16.0	24.0

