

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090315\
 Data File : BF081412.D
 Acq On : 4 Sep 2015 9:57
 Operator : UM/IZ
 Sample : G3505-04
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P005-BF001-02

Quant Time: Sep 04 11:55:56 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 17:35:35 2015
 Response via : Initial Calibration

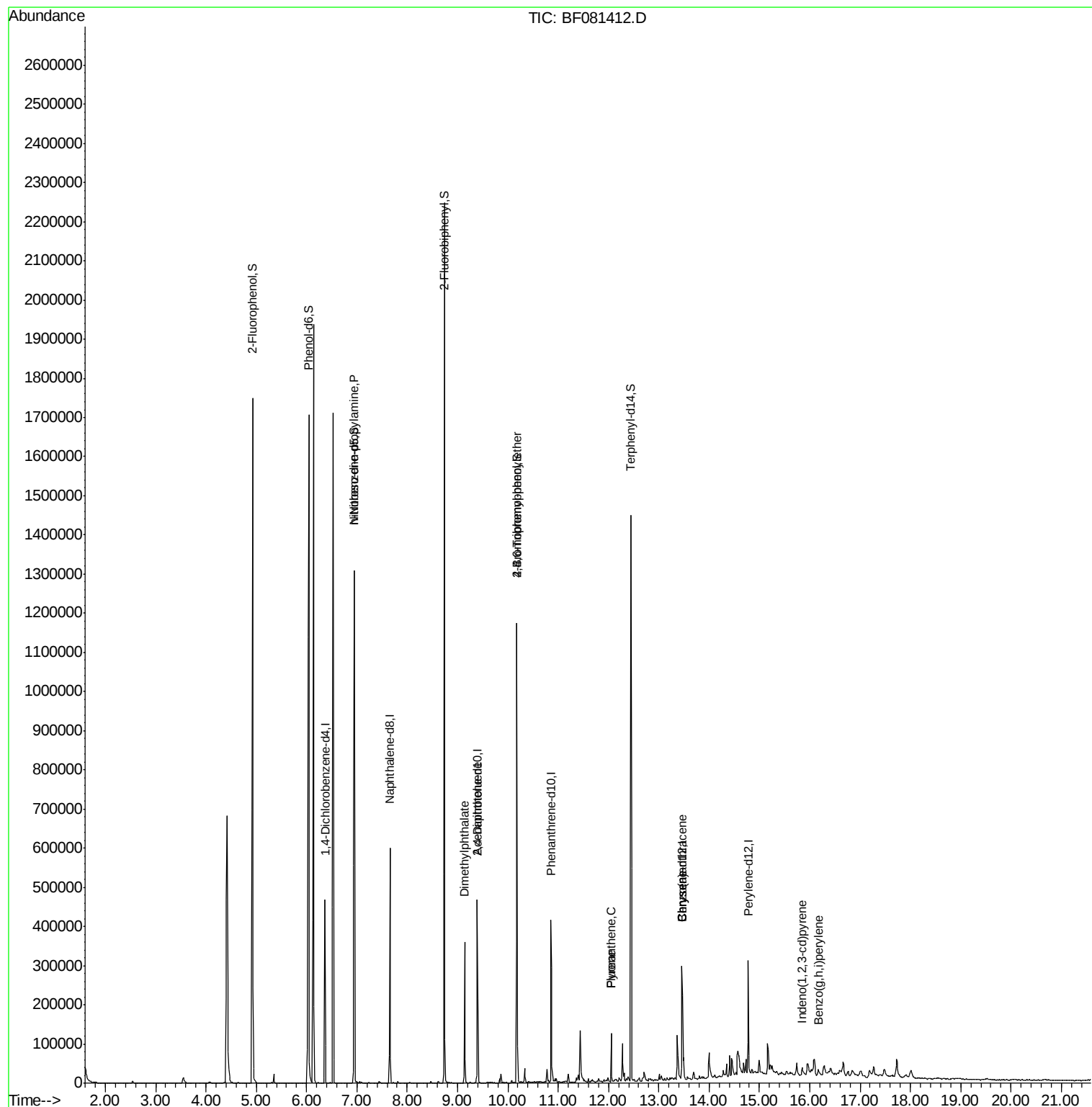
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.36	152	62602	20.00	ng	-0.02
21) Naphthalene-d8	7.66	136	239267	20.00	ng	-0.02
38) Acenaphthene-d10	9.39	164	100885	20.00	ng	-0.02
63) Phenanthrene-d10	10.86	188	198032	20.00	ng	-0.02
75) Chrysene-d12	13.46	240	122674	20.00	ng	-0.03
86) Perylene-d12	14.78	264	103492	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.92	112	475703	117.90	ng	0.00
7) Phenol-d6	6.04	99	706769	132.33	ng	-0.01
23) Nitrobenzene-d5	6.95	82	447594	90.25	ng	-0.02
41) 2,4,6-Tribromophenol	10.18	330	105568	117.52	ng	-0.02
44) 2-Fluorobiphenyl	8.74	172	654152	83.09	ng	-0.02
78) Terphenyl-d14	12.44	244	488580	92.71	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.95	70	60650	16.69	ng	# 61
49) Dimethylphthalate	9.14	163	128075	16.34	ng	# 97
56) 2,4-Dinitrotoluene	9.39	165	12945	5.71	ng	# 31
66) 4-Bromophenyl-phenylether	10.18	248	8685	4.34	ng	# 1
74) Fluoranthene	12.06	202	49243	4.13	ng	89
77) Pyrene	12.06	202	49243	5.42	ng	100
80) Benzo(a)anthracene	13.46	228	18414	2.36	ng	94
82) Chrysene	13.46	228	18414	2.63	ng	95
85) Indeno(1,2,3-cd)pyrene	15.85	276	10515	2.05	ng	# 89
91) Benzo(g,h,i)perylene	16.17	276	10214	2.21	ng	# 78

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

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ALS Vial : 34 Sample Multiplier: 1

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.02 min

Lab File: BF081412.D

Acq: 4 Sep 2015 9:57

Instrument :

BNA_F

ClientSampleId :

P005-BF001-02

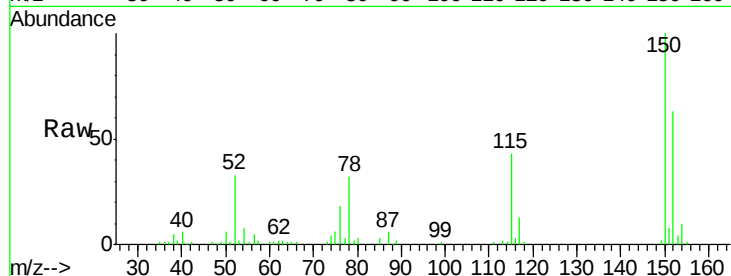
Tgt Ion:152 Resp: 62602

Ion Ratio Lower Upper

152 100

150 158.4 124.7 187.1

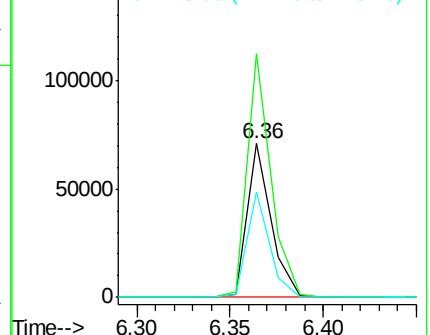
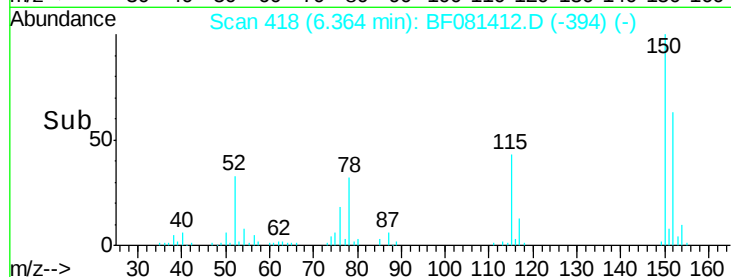
115 68.5 39.0 58.4#



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: 117.90 ng

RT: 4.92 min Scan# 292

Delta R.T. 0.00 min

Lab File: BF081412.D

Acq: 4 Sep 2015 9:57

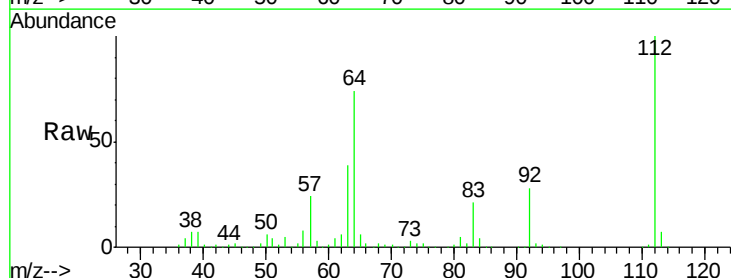
Tgt Ion:112 Resp: 475703

Ion Ratio Lower Upper

112 100

64 74.1 39.7 59.5#

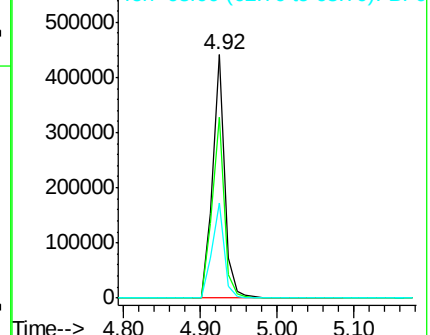
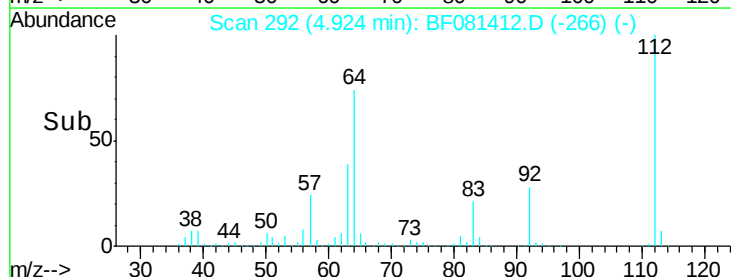
63 39.1 17.4 26.0#

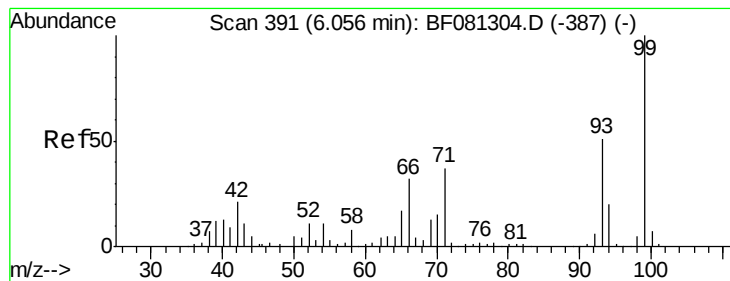


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 132.33 ng

RT: 6.04 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF081412.D

Acq: 4 Sep 2015 9:57

Instrument :

BNA_F

ClientSampleId :

P005-BF001-02

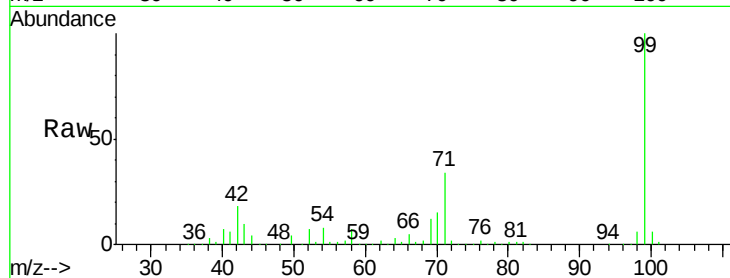
Tgt Ion: 99 Resp: 706769

Ion Ratio Lower Upper

99 100

42 18.4 13.7 20.5

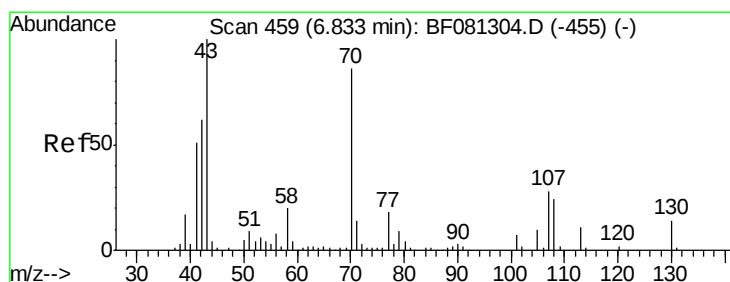
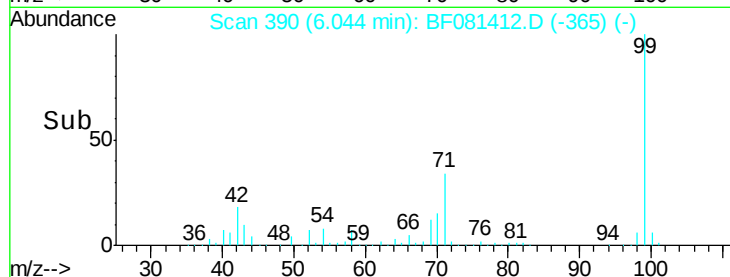
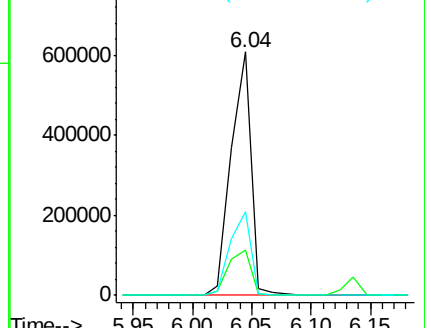
71 34.3 14.2 21.2#



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.69 ng

RT: 6.95 min Scan# 469

Delta R.T. 0.11 min

Lab File: BF081412.D

Acq: 4 Sep 2015 9:57

Tgt Ion: 70 Resp: 60650

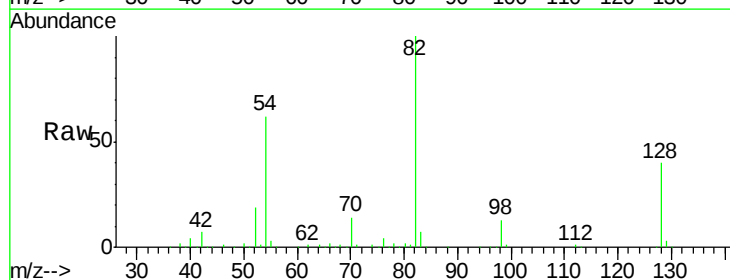
Ion Ratio Lower Upper

70 100

42 50.8 63.8 95.6#

101 0.0 9.2 13.8#

130 2.1 27.3 40.9#

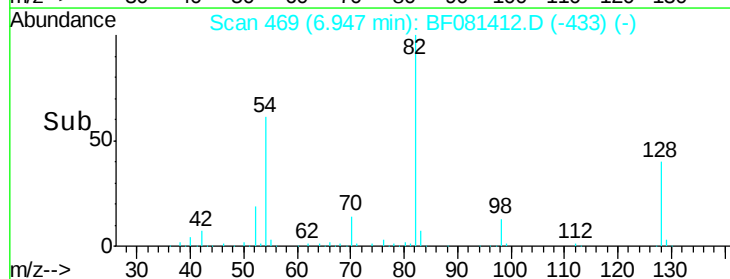
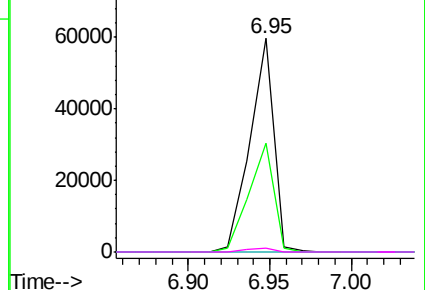


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.66 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF081412.D

Acq: 4 Sep 2015 9:57

Instrument :

BNA_F

ClientSampleId :

P005-BF001-02

Tgt Ion: 136 Resp: 239267

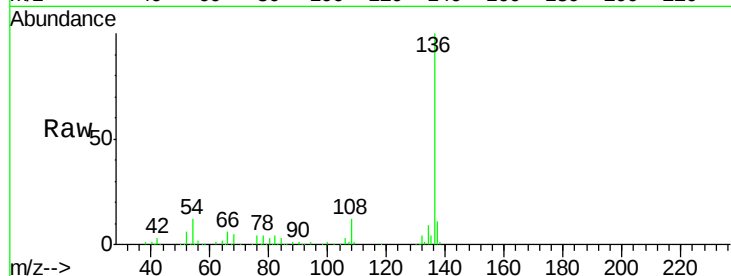
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 11.9 8.2 12.2

68 5.4 5.8 8.6#

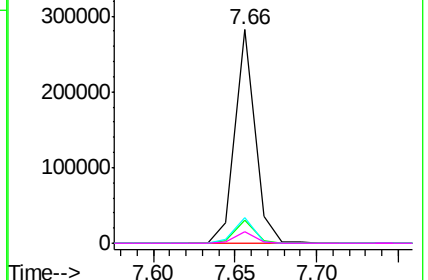
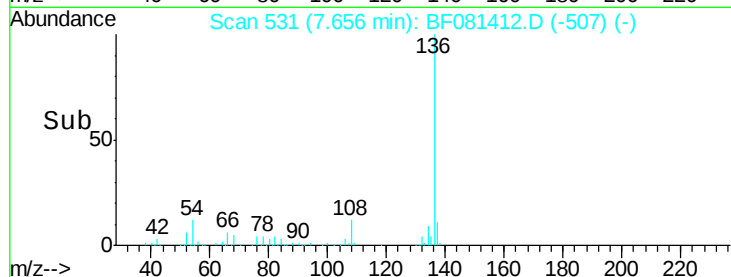


Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.25 ng

RT: 6.95 min Scan# 469

Delta R.T. -0.02 min

Lab File: BF081412.D

Acq: 4 Sep 2015 9:57

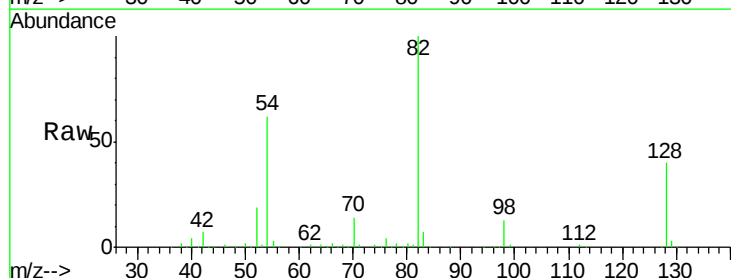
Tgt Ion: 82 Resp: 447594

Ion Ratio Lower Upper

82 100

128 39.6 51.0 76.6#

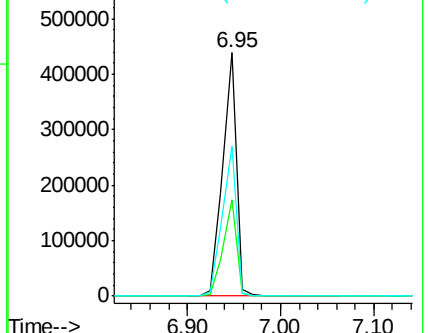
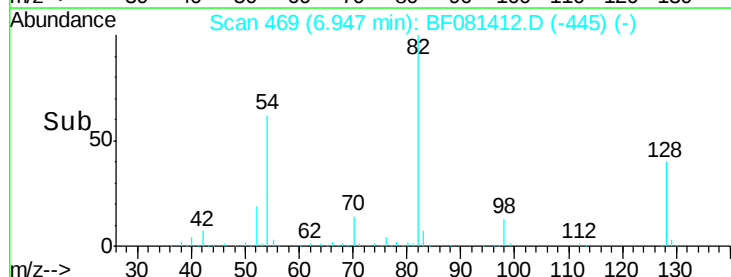
54 61.6 47.5 71.3

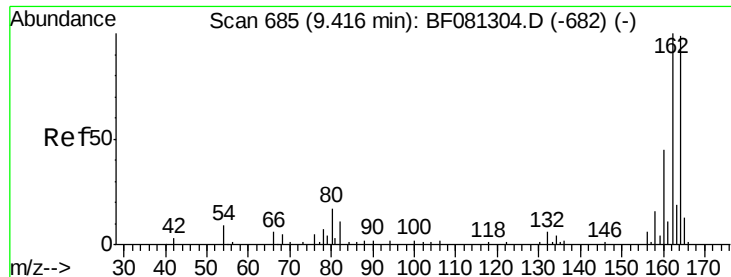


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

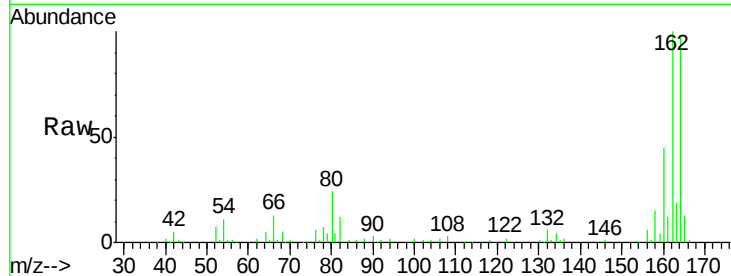




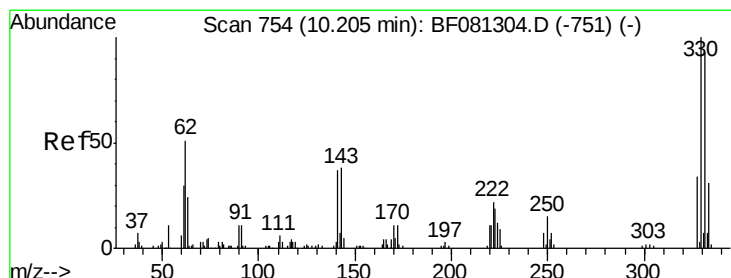
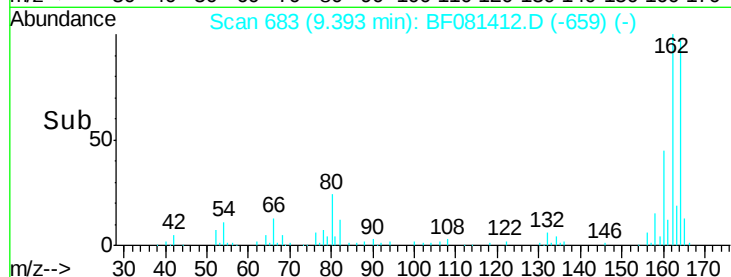
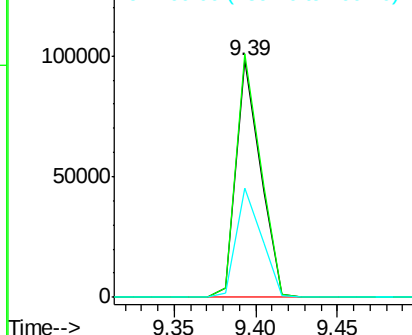
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.02 min
Lab File: BF081412.D
Acq: 4 Sep 2015 9:57

Instrument :
BNA_F
ClientSampleId :
P005-BF001-02

Tgt Ion:164 Resp: 100885
Ion Ratio Lower Upper
164 100
162 102.7 75.2 112.8
160 46.1 31.5 47.3

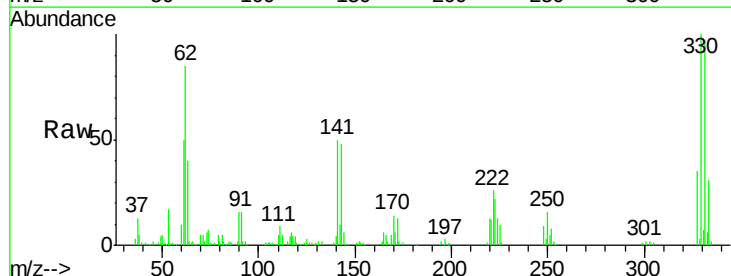


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

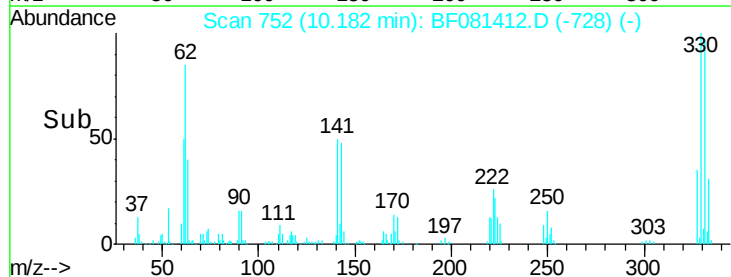
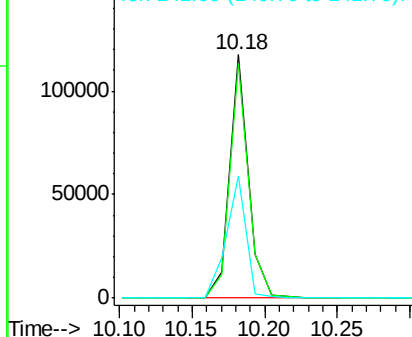


#41
2,4,6-Tribromophenol
Concen: 117.52 ng
RT: 10.18 min Scan# 752
Delta R.T. -0.02 min
Lab File: BF081412.D
Acq: 4 Sep 2015 9:57

Tgt Ion:330 Resp: 105568
Ion Ratio Lower Upper
330 100
332 96.5 76.6 114.8
141 52.7 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

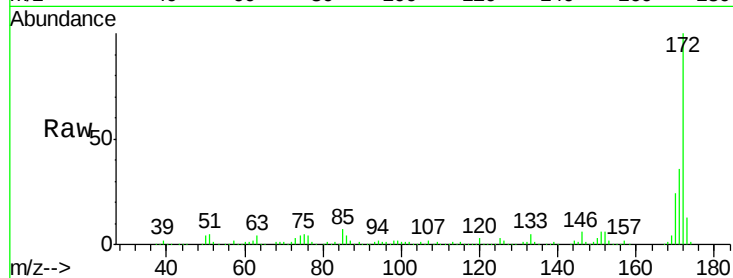




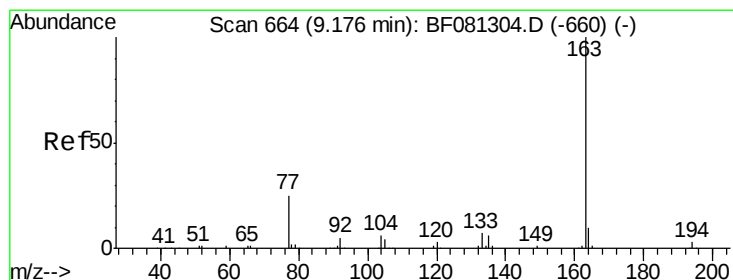
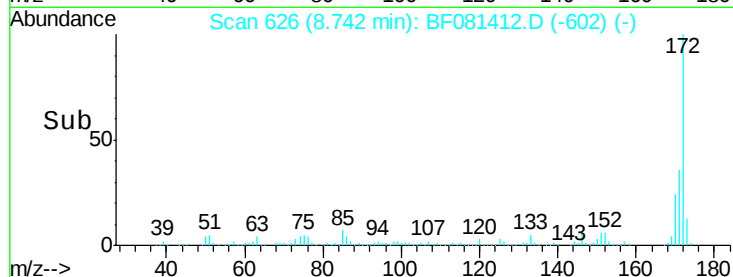
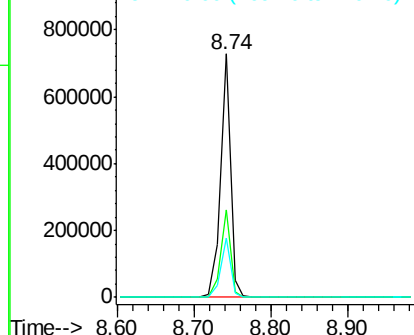
#44
 2-Fluorobiphenyl
 Concen: 83.09 ng
 RT: 8.74 min Scan# 626
 Delta R.T. -0.02 min
 Lab File: BF081412.D
 Acq: 4 Sep 2015 9:57

Instrument :
 BNA_F
 ClientSampleId :
 P005-BF001-02

Tgt Ion:172 Resp: 654152
 Ion Ratio Lower Upper
 172 100
 171 35.9 26.1 39.1
 170 24.5 17.4 26.2

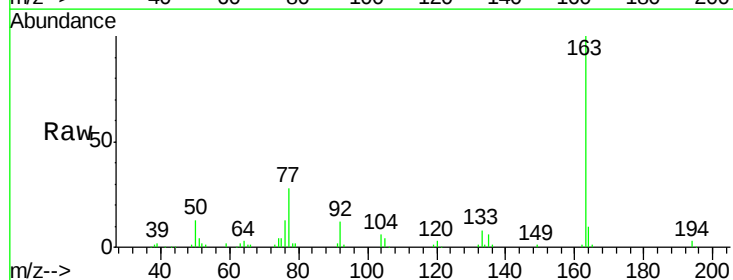


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

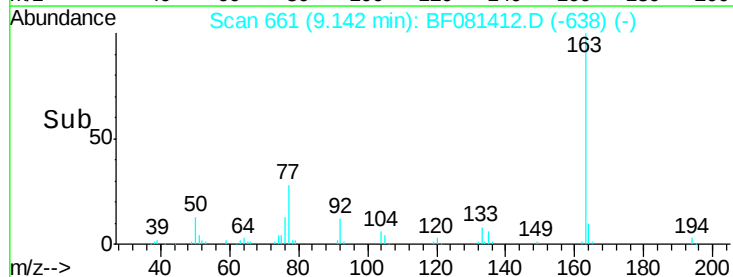
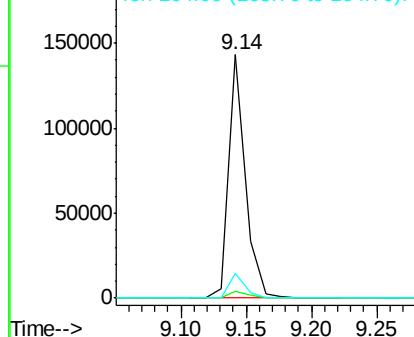


#49
 Dimethylphthalate
 Concen: 16.34 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.03 min
 Lab File: BF081412.D
 Acq: 4 Sep 2015 9:57

Tgt Ion:163 Resp: 128075
 Ion Ratio Lower Upper
 163 100
 194 3.0 4.4 6.6#
 164 10.0 8.3 12.5



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

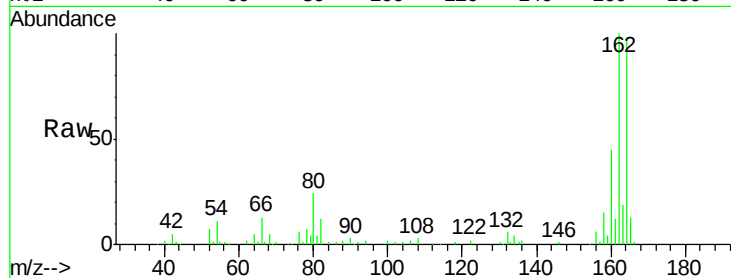




#56
 2,4-Dinitrotoluene
 Concen: 5.71 ng
 RT: 9.39 min Scan# 683
 Delta R.T. -0.24 min
 Lab File: BF081412.D
 Acq: 4 Sep 2015 9:57

Instrument :
 BNA_F
 ClientSampleId :
 P005-BF001-02

Tgt Ion:	165	Resp:	12945
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#

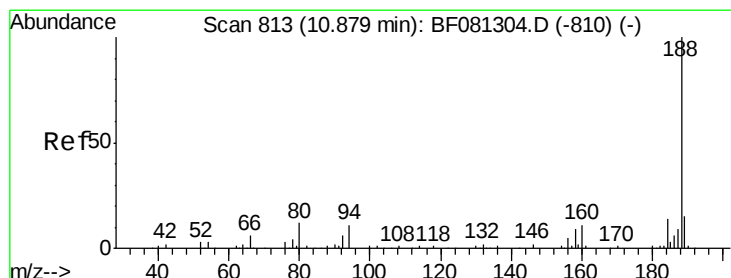
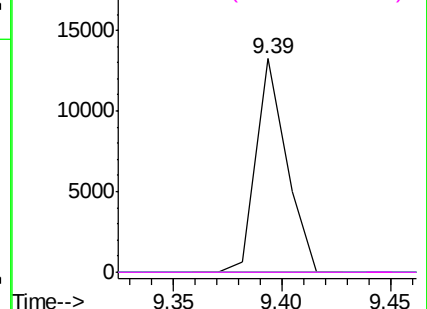
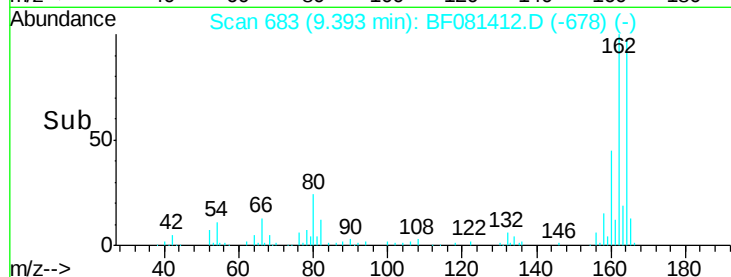


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

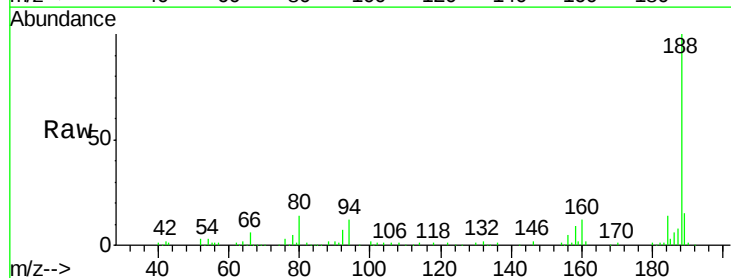
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.86 min Scan# 811
 Delta R.T. -0.02 min
 Lab File: BF081412.D
 Acq: 4 Sep 2015 9:57

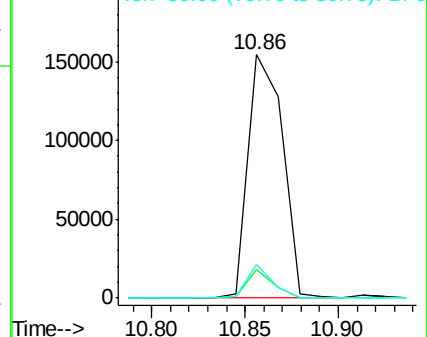
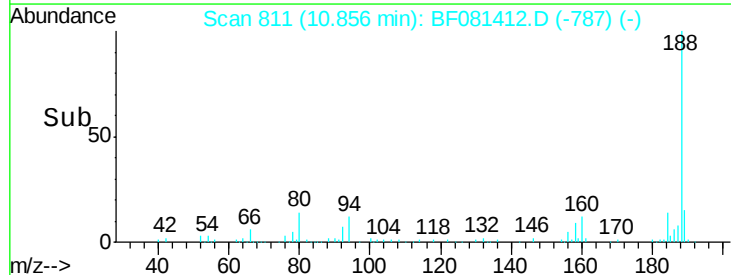
Tgt Ion:	188	Resp:	198032
Ion	Ratio	Lower	Upper
188	100		
94	12.0	11.1	16.7
80	13.8	11.0	16.4

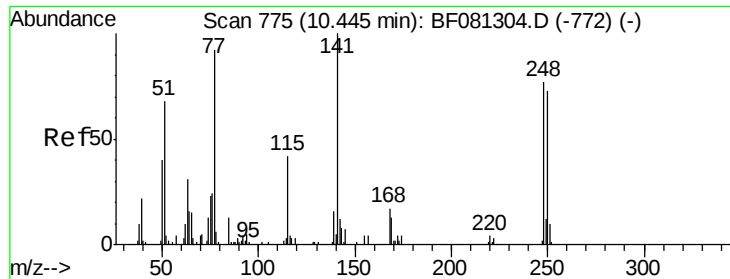


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

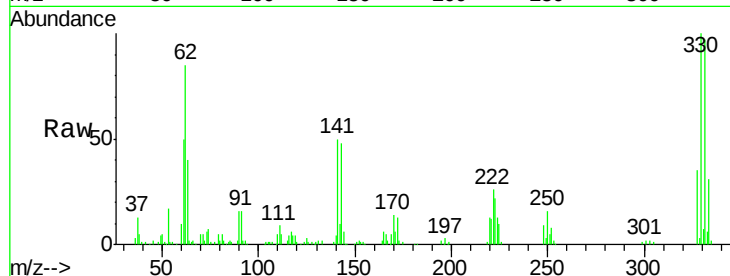




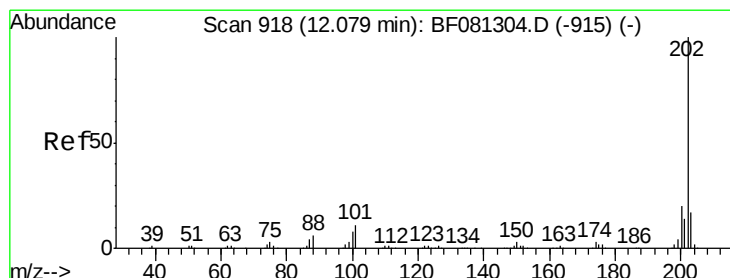
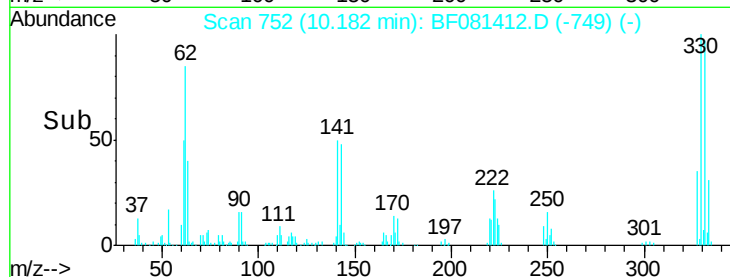
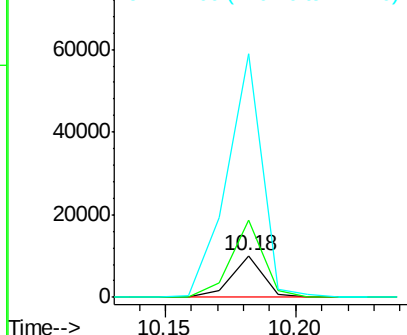
#66
4-Bromophenyl-phenylether
Concen: 4.34 ng
RT: 10.18 min Scan# 752
Delta R.T. -0.26 min
Lab File: BF081412.D
Acq: 4 Sep 2015 9:57

Instrument :
BNA_F
ClientSampleId :
P005-BF001-02

Tgt Ion:248 Resp: 8685
Ion Ratio Lower Upper
248 100
250 184.9 78.5 117.7#
141 582.3 59.0 88.6#

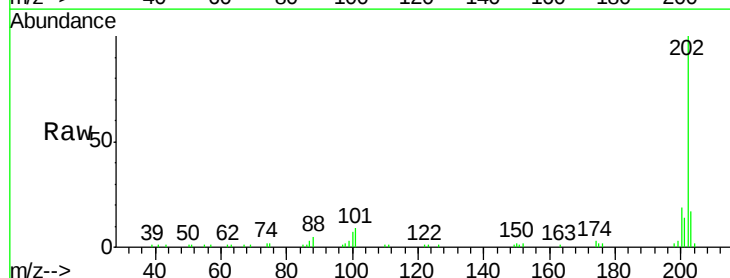


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

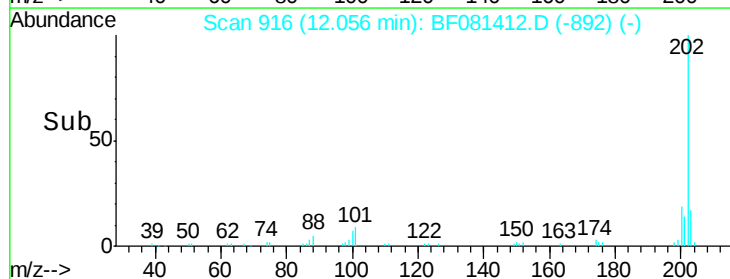
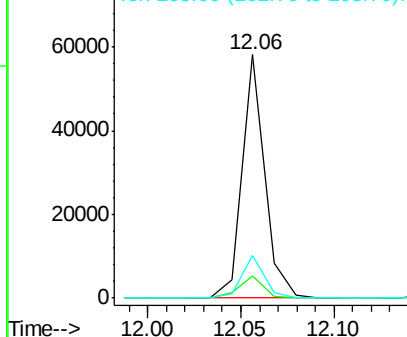


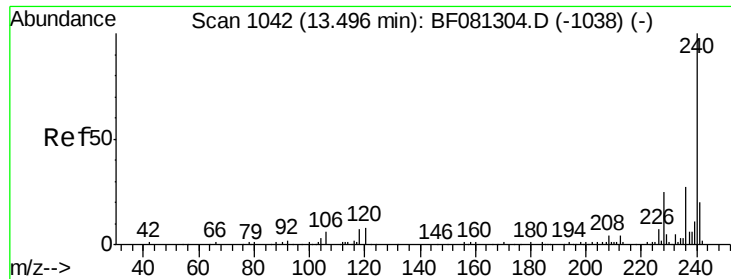
#74
Fluoranthene
Concen: 4.13 ng
RT: 12.06 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF081412.D
Acq: 4 Sep 2015 9:57

Tgt Ion:202 Resp: 49243
Ion Ratio Lower Upper
202 100
101 9.3 0.0 38.3
203 17.4 0.0 37.3



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

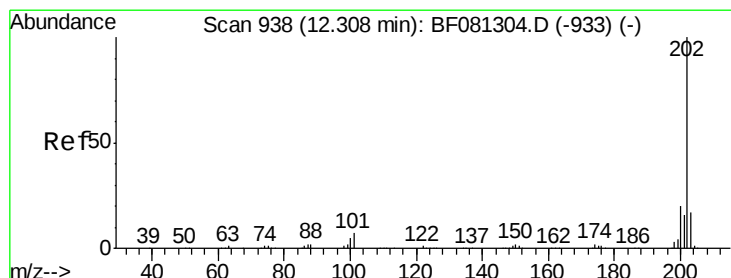
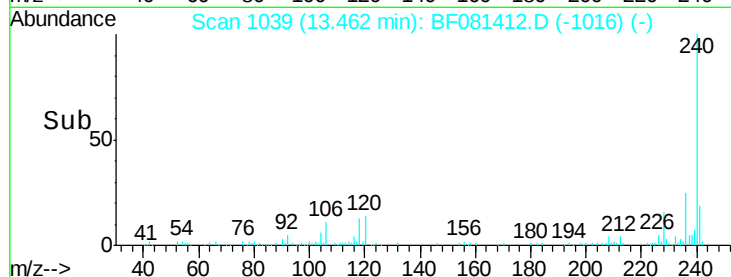
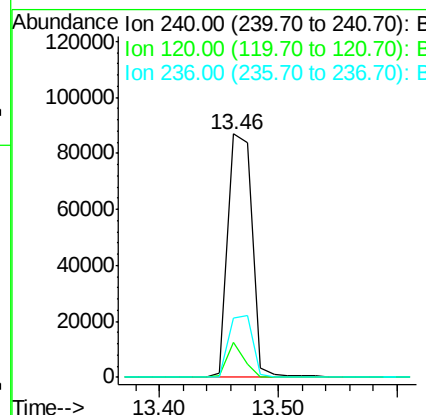
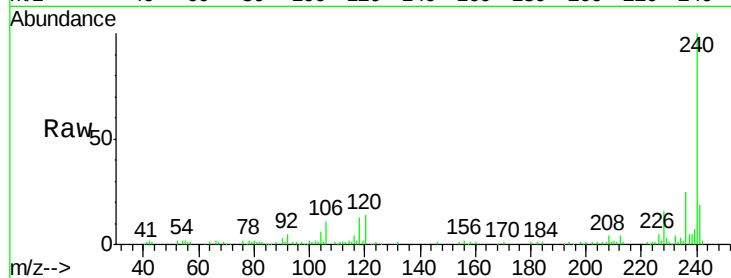




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.46 min Scan# 1039
 Delta R.T. -0.03 min
 Lab File: BF081412.D
 Acq: 4 Sep 2015 9:57

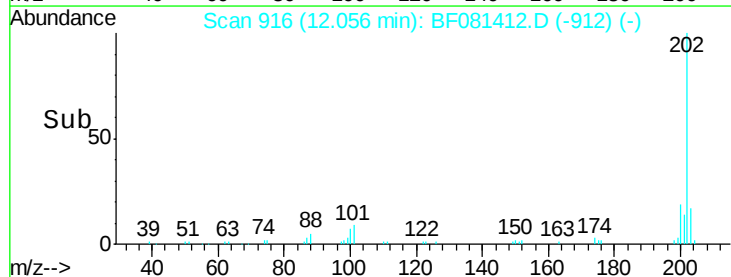
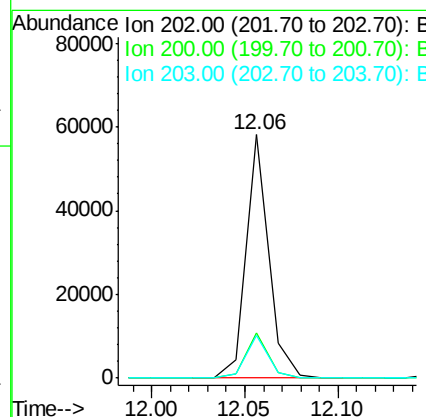
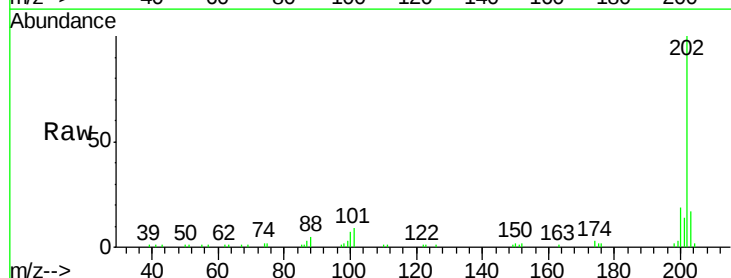
Instrument :
 BNA_F
 ClientSampleId :
 P005-BF001-02

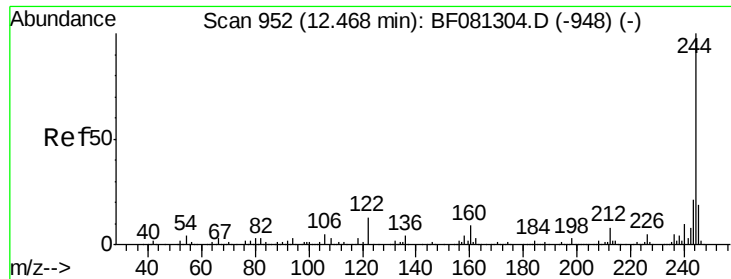
Tgt Ion: 240 Resp: 122674
 Ion Ratio Lower Upper
 240 100
 120 14.2 16.2 24.2#
 236 24.6 18.4 27.6



#77
 Pyrene
 Concen: 5.42 ng
 RT: 12.06 min Scan# 916
 Delta R.T. -0.25 min
 Lab File: BF081412.D
 Acq: 4 Sep 2015 9:57

Tgt Ion: 202 Resp: 49243
 Ion Ratio Lower Upper
 202 100
 200 18.7 15.0 22.4
 203 17.4 14.1 21.1

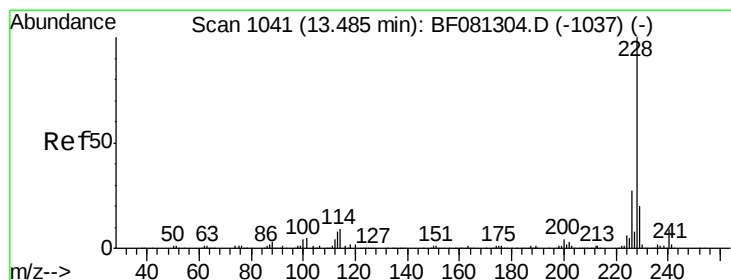
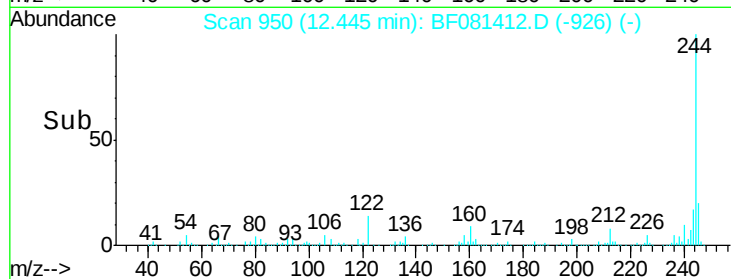
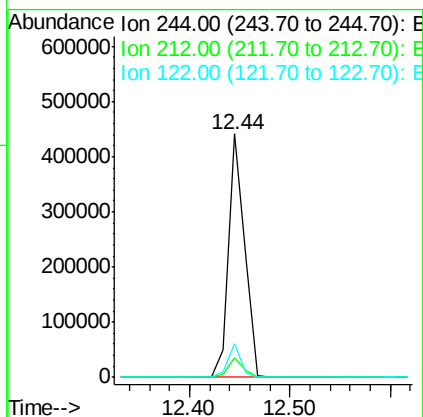
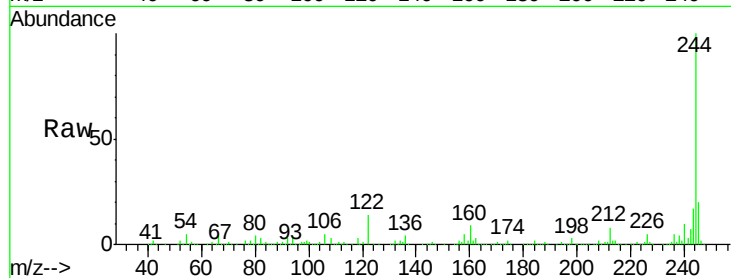




#78
 Terphenyl-d14
 Concen: 92.71 ng
 RT: 12.44 min Scan# 950
 Delta R.T. -0.02 min
 Lab File: BF081412.D
 Acq: 4 Sep 2015 9:57

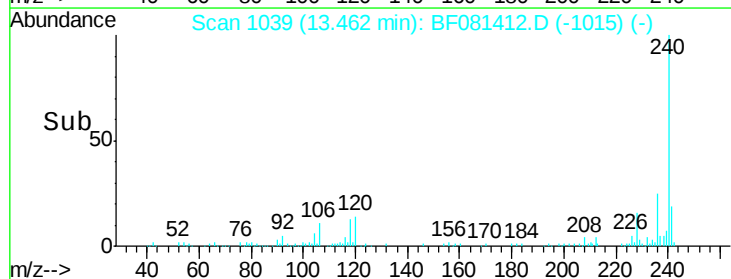
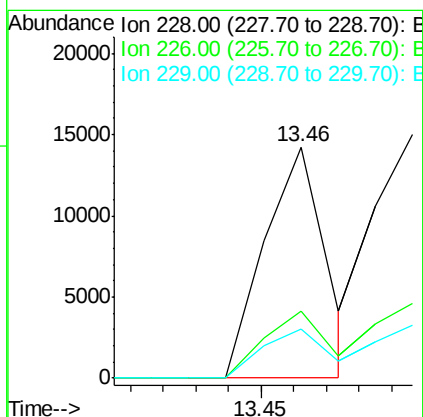
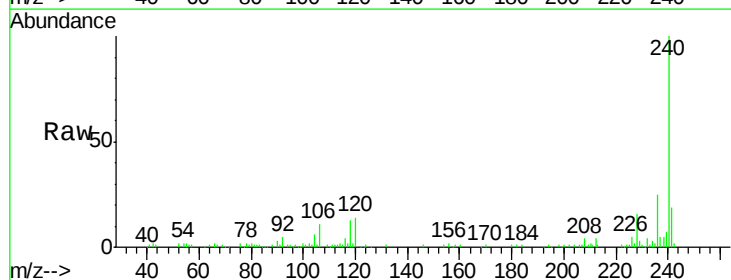
Instrument :
 BNA_F
 ClientSampleId :
 P005-BF001-02

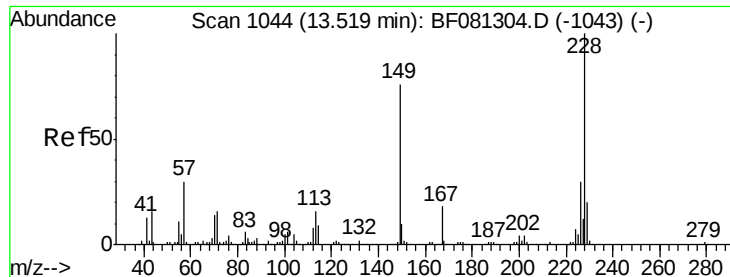
Tgt Ion: 244 Resp: 488580
 Ion Ratio Lower Upper
 244 100
 212 8.0 4.3 6.5#
 122 14.1 17.4 26.2#



#80
 Benzo(a)anthracene
 Concen: 2.36 ng
 RT: 13.46 min Scan# 1039
 Delta R.T. -0.02 min
 Lab File: BF081412.D
 Acq: 4 Sep 2015 9:57

Tgt Ion: 228 Resp: 18414
 Ion Ratio Lower Upper
 228 100
 226 28.9 20.0 30.0
 229 21.1 15.4 23.2





#82

Chrysene

Concen: 2.63 ng

RT: 13.46 min Scan# 1039

Delta R.T. -0.06 min

Lab File: BF081412.D

Acq: 4 Sep 2015 9:57

Instrument :

BNA_F

ClientSampleId :

P005-BF001-02

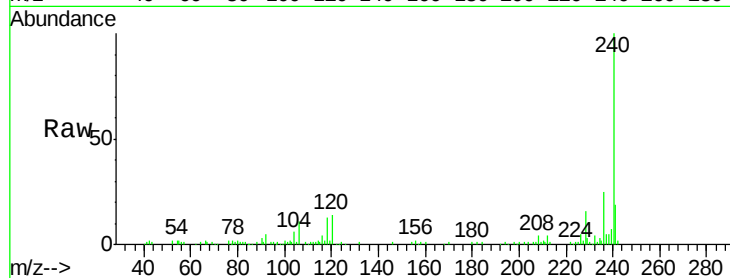
Tgt Ion:228 Resp: 18414

Ion Ratio Lower Upper

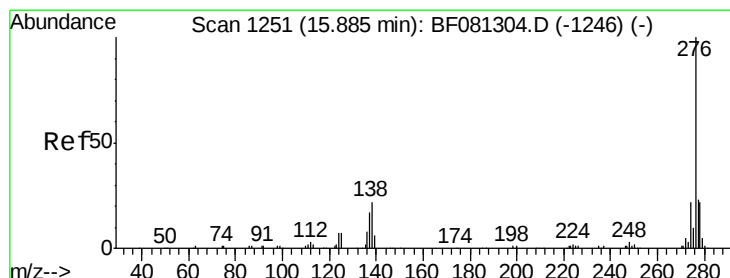
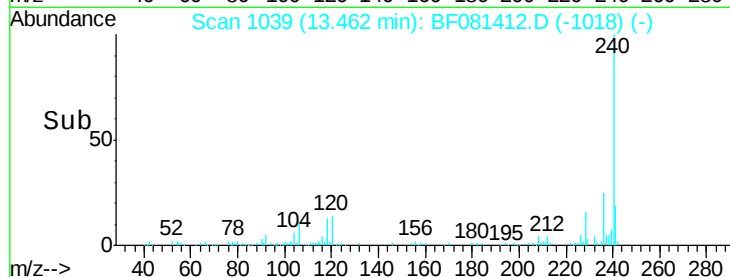
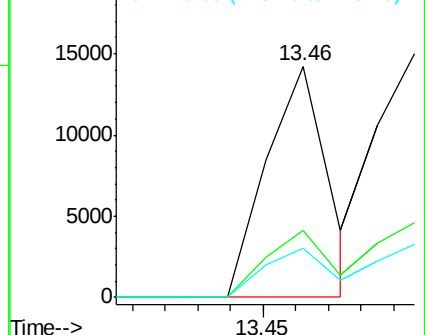
228 100

226 28.9 21.0 31.4

229 21.1 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 2.05 ng

RT: 15.85 min Scan# 1248

Delta R.T. -0.03 min

Lab File: BF081412.D

Acq: 4 Sep 2015 9:57

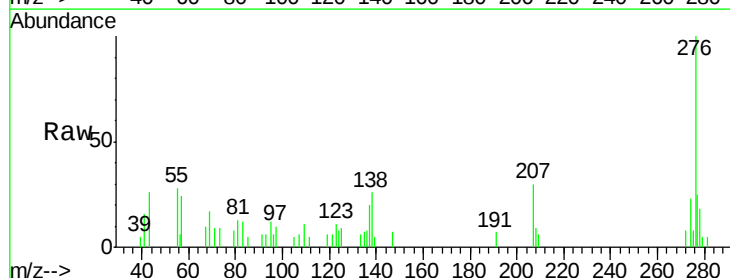
Tgt Ion:276 Resp: 10515

Ion Ratio Lower Upper

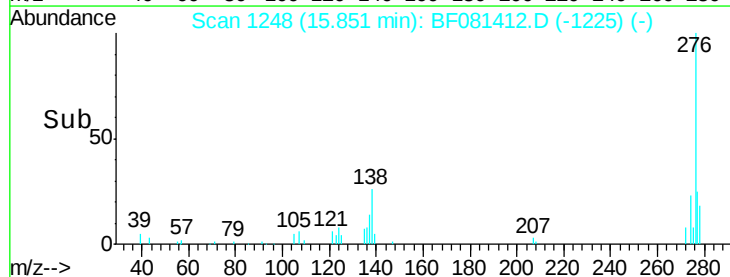
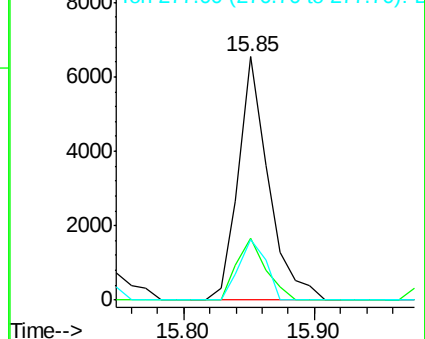
276 100

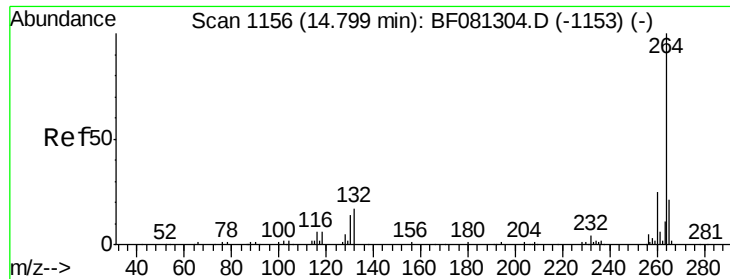
138 24.6 25.7 38.5#

277 22.2 15.6 23.4



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



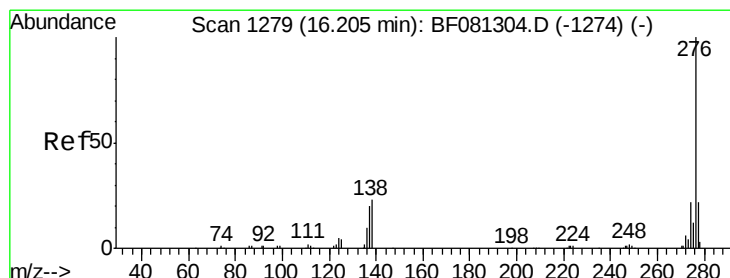
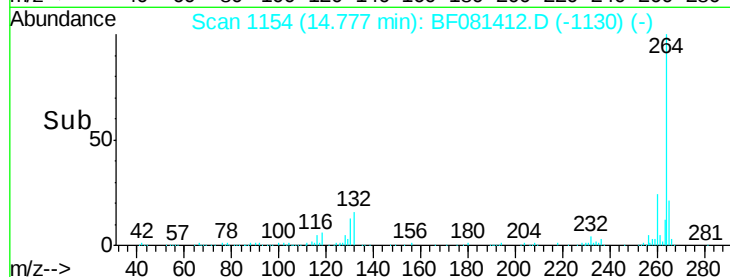
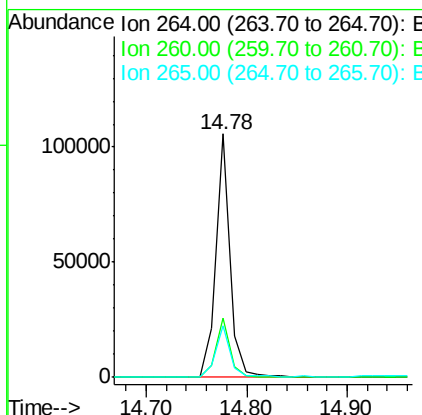
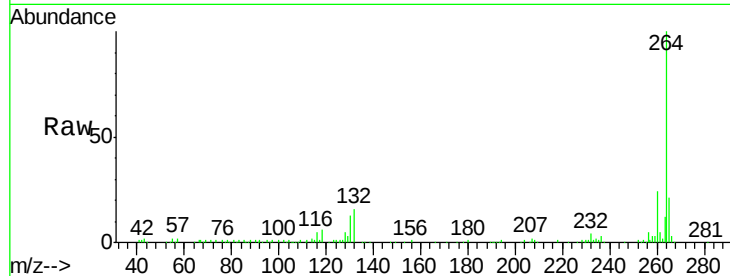


#86
Perylene-d12
Concen: 20.00 ng
RT: 14.78 min Scan# 1154
Delta R.T. -0.02 min
Lab File: BF081412.D
Acq: 4 Sep 2015 9:57

Instrument :
BNA_F
ClientSampleId :
P005-BF001-02

Tgt Ion: 264 Resp: 103492

Ion	Ratio	Lower	Upper
264	100		
260	24.5	16.7	25.1
265	21.2	17.2	25.8



#91
Benzo(g,h,i)perylene
Concen: 2.21 ng
RT: 16.17 min Scan# 1276
Delta R.T. -0.03 min
Lab File: BF081412.D
Acq: 4 Sep 2015 9:57

Tgt Ion: 276 Resp: 10214

Ion	Ratio	Lower	Upper
276	100		
277	24.3	17.8	26.6
138	23.6	34.6	51.8#

