

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
 Data File : BF081580.D
 Acq On : 10 Sep 2015 22:47
 Operator : UM/IZ
 Sample : G3590-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TYB6(1.5-2)

Quant Time: Sep 11 07:14:12 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 11 00:38:02 2015
 Response via : Initial Calibration

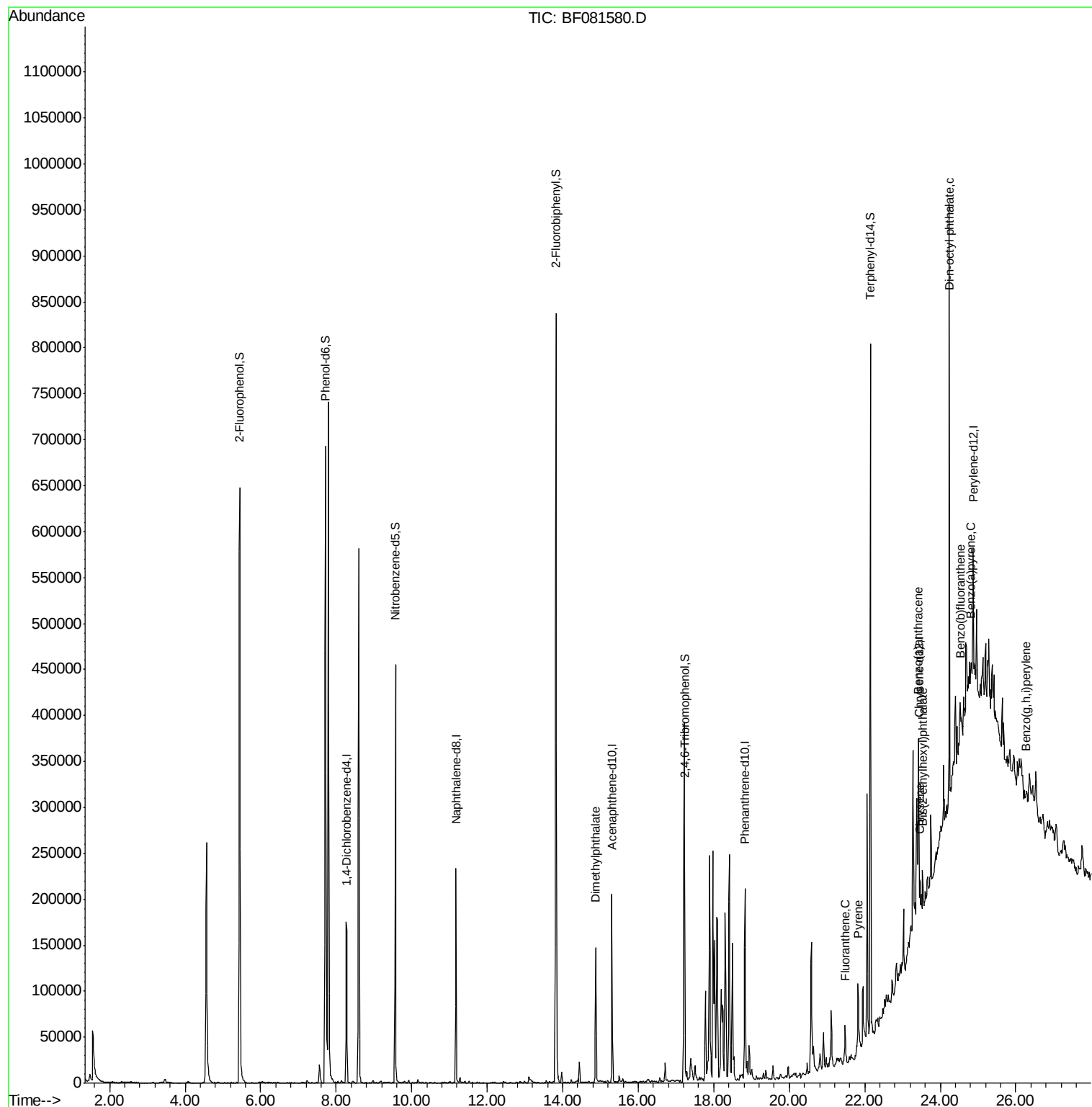
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	47167	20.00	ng	0.01
21) Naphthalene-d8	11.17	136	176860	20.00	ng	0.00
38) Acenaphthene-d10	15.30	164	77331	20.00	ng	0.00
63) Phenanthrene-d10	18.82	188	130953	20.00	ng	0.01
75) Chrysene-d12	23.43	240	84386	20.00	ng	0.01
86) Perylene-d12	24.87	264	55320	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	302833	99.61	ng	0.02
7) Phenol-d6	7.71	99	419156	104.16	ng	0.02
23) Nitrobenzene-d5	9.57	82	252007	68.75	ng	0.00
41) 2,4,6-Tribromophenol	17.22	330	64383	93.50	ng	0.01
44) 2-Fluorobiphenyl	13.82	172	437441	72.49	ng	0.00
78) Terphenyl-d14	22.15	244	274430	75.70	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.87	163	100539	16.73	ng	Qvalue # 97
74) Fluoranthene	21.48	202	22924	2.91	ng	88
77) Pyrene	21.82	202	23243	3.72	ng	96
80) Benzo(a)anthracene	23.42	228	12321	2.29	ng	# 91
82) Chrysene	23.45	228	12538m	2.60	ng	
83) Bis(2-ethylhexyl)phthalate	23.53	149	7851	2.19	ng	# 96
84) Di-n-octyl phthalate	24.23	149	76870	13.01	ng	# 34
87) Benzo(b)fluoranthene	24.53	252	12128m	3.07	ng	
89) Benzo(a)pyrene	24.81	252	7837	2.34	ng	# 48
91) Benzo(g,h,i)perylene	26.27	276	6065	2.46	ng	# 71

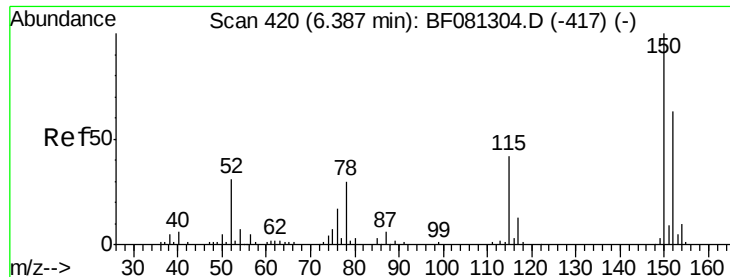
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
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TYB6(1.5-2)

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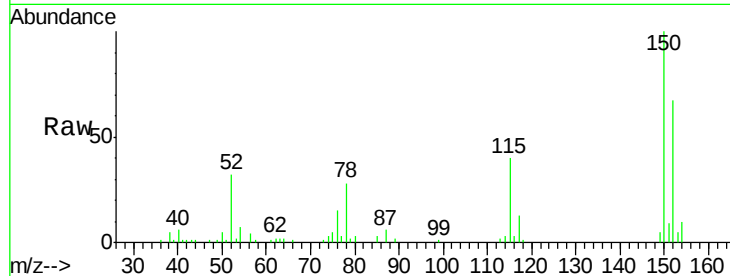


#1

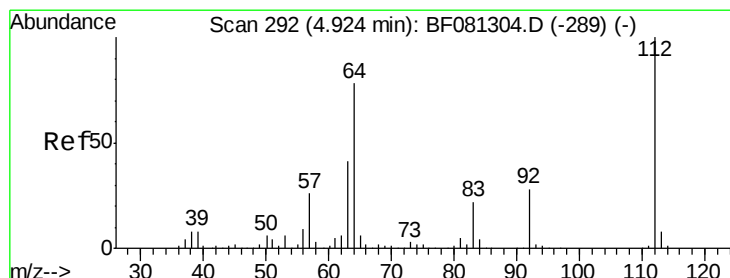
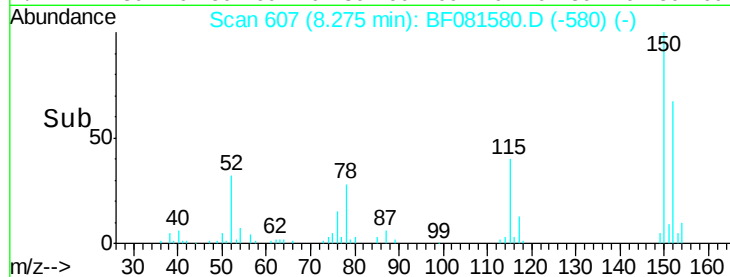
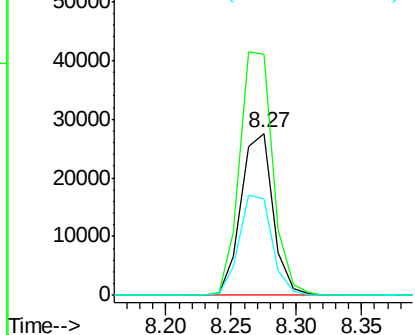
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 607
Delta R.T. 0.01 min
Lab File: BF081580.D
Acq: 10 Sep 2015 22:47

Instrument :
BNA_F
ClientSampleId :
TYB6(1.5-2)

Tgt Ion:152 Resp: 47167
Ion Ratio Lower Upper
152 100
150 148.3 124.7 187.1
115 59.5 39.0 58.4#



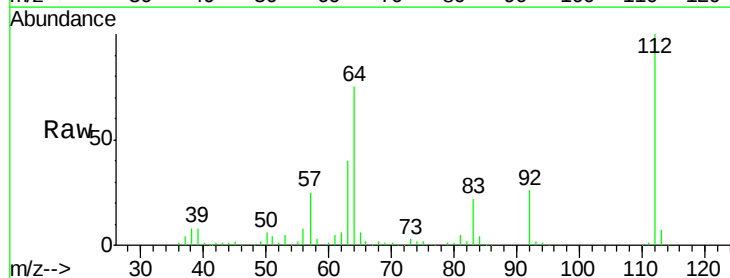
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



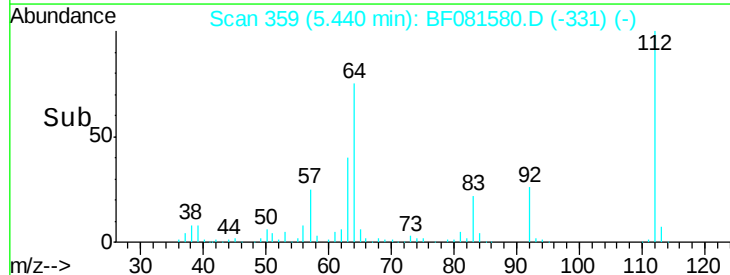
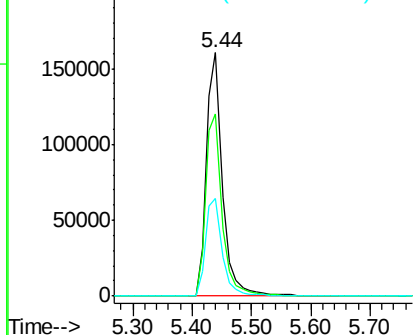
#5

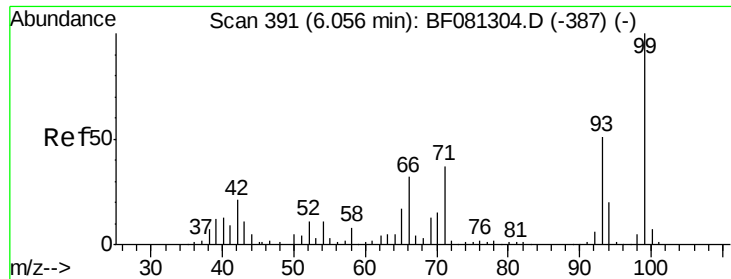
2-Fluorophenol
Concen: 99.61 ng
RT: 5.44 min Scan# 359
Delta R.T. 0.02 min
Lab File: BF081580.D
Acq: 10 Sep 2015 22:47

Tgt Ion:112 Resp: 302833
Ion Ratio Lower Upper
112 100
64 75.1 39.7 59.5#
63 39.9 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: 104.16 ng

RT: 7.71 min Scan# 558

Delta R.T. 0.02 min

Lab File: BF081580.D

Acq: 10 Sep 2015 22:47

Instrument :

BNA_F

ClientSampleId :

TYB6(1.5-2)

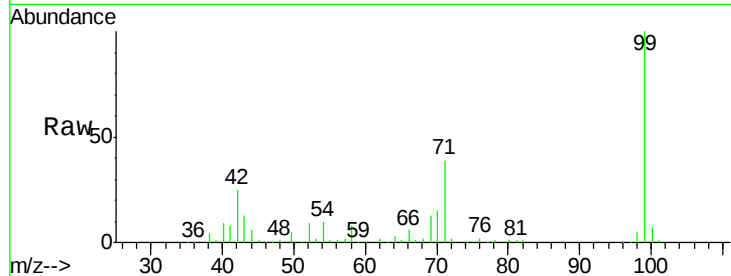
Tgt Ion: 99 Resp: 419156

Ion Ratio Lower Upper

99 100

42 24.8 13.7 20.5#

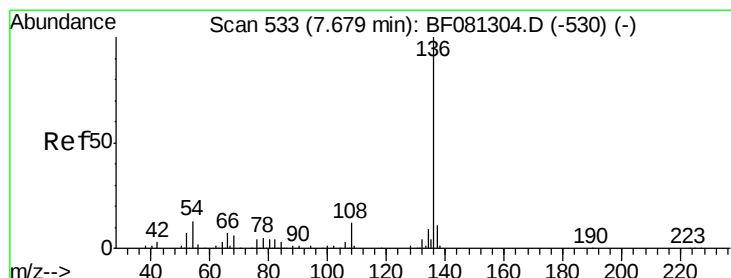
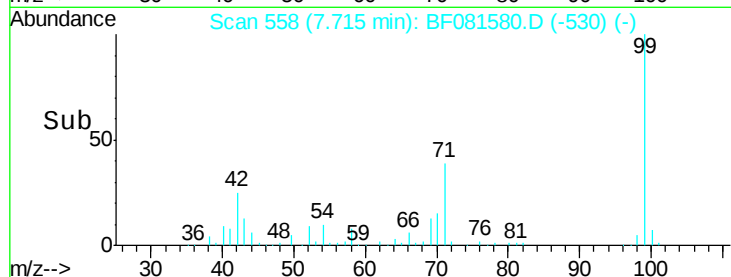
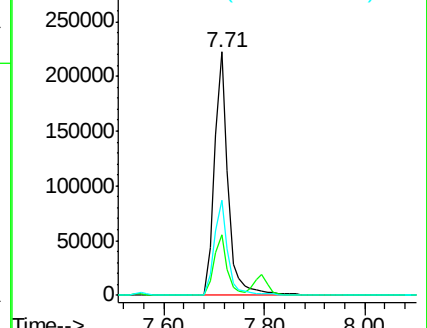
71 39.1 14.2 21.2#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.17 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF081580.D

Acq: 10 Sep 2015 22:47

Tgt Ion: 136 Resp: 176860

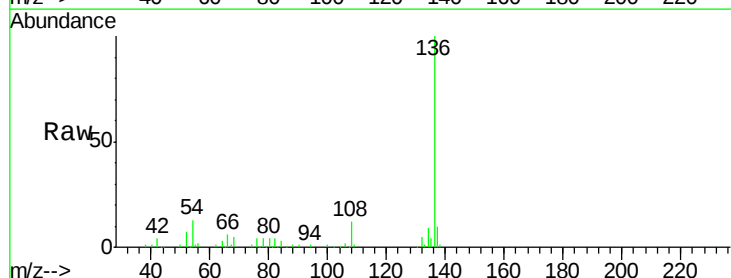
Ion Ratio Lower Upper

136 100

137 10.3 9.0 13.6

54 12.7 8.2 12.2#

68 5.3 5.8 8.6#

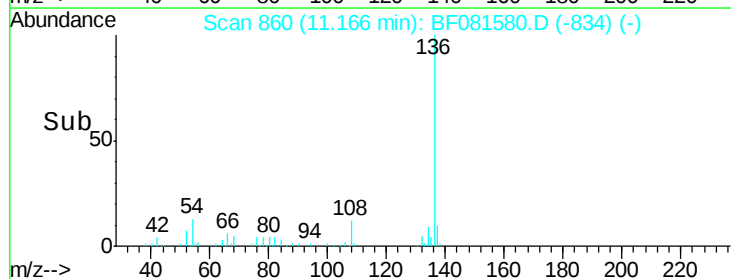
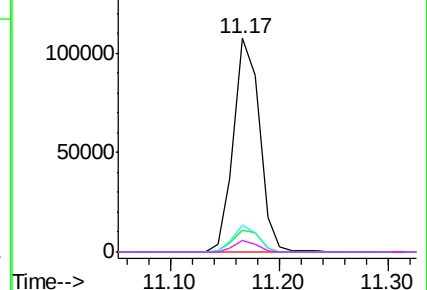


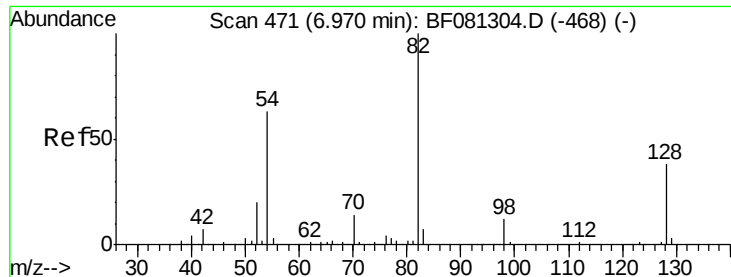
Abundance Ion 136.00 (135.70 to 136.70): E

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

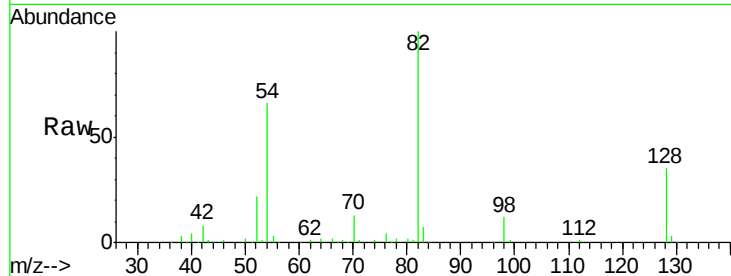




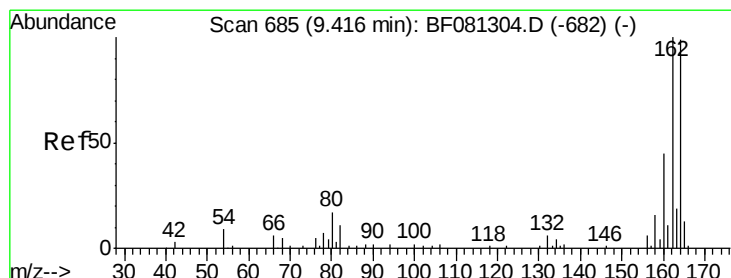
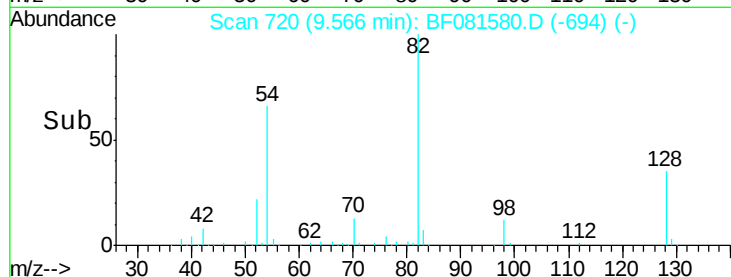
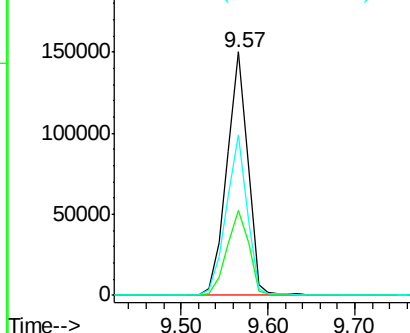
#23
 Nitrobenzene-d5
 Concen: 68.75 ng
 RT: 9.57 min Scan# 720
 Delta R.T. -0.00 min
 Lab File: BF081580.D
 Acq: 10 Sep 2015 22:47

Instrument :
 BNA_F
 ClientSampleId :
 TYB6(1.5-2)

Tgt Ion: 82 Resp: 252007
 Ion Ratio Lower Upper
 82 100
 128 34.7 51.0 76.6#
 54 65.8 47.5 71.3

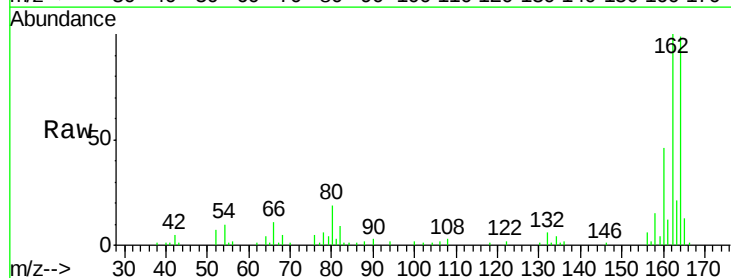


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

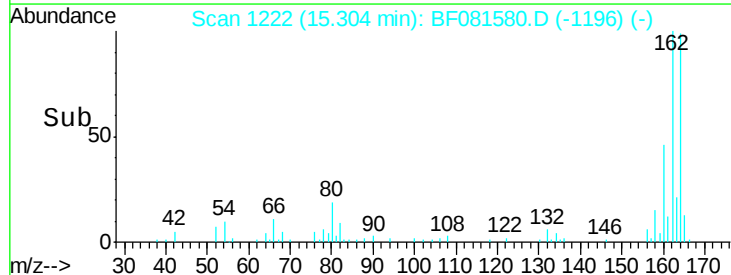
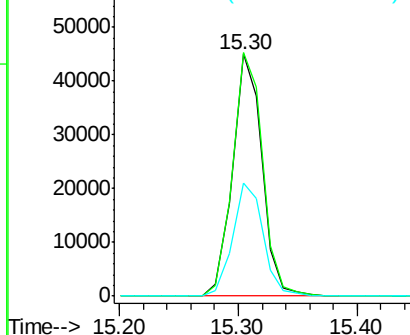


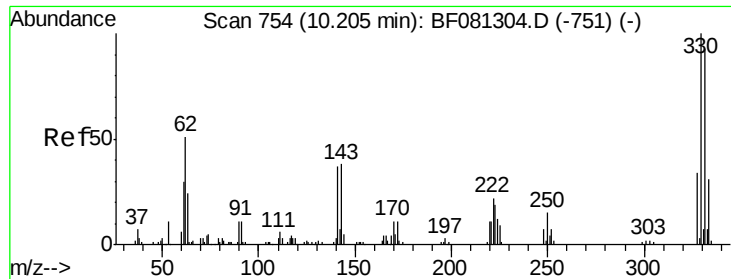
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1222
 Delta R.T. -0.00 min
 Lab File: BF081580.D
 Acq: 10 Sep 2015 22:47

Tgt Ion: 164 Resp: 77331
 Ion Ratio Lower Upper
 164 100
 162 100.5 75.2 112.8
 160 46.6 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

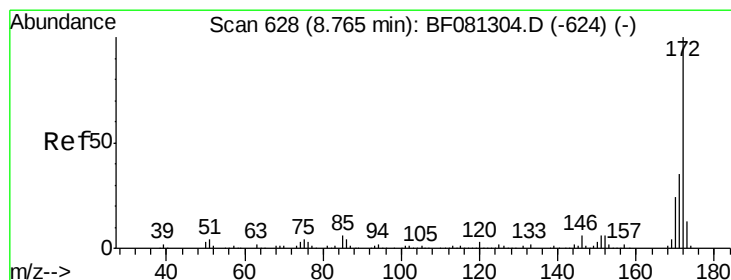
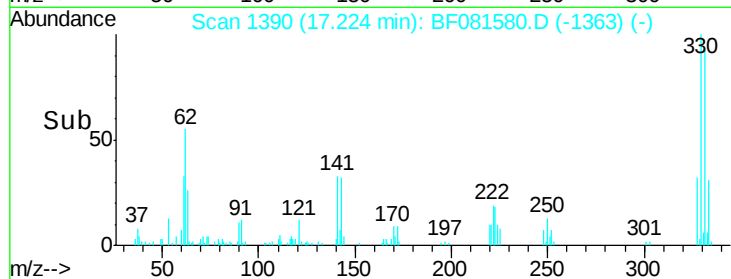
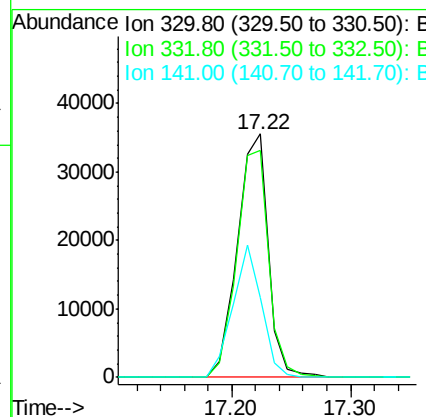
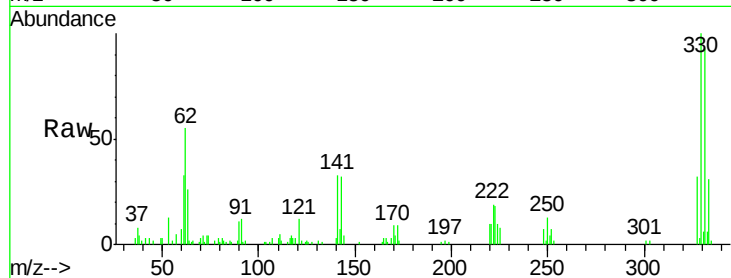




#41
 2,4,6-Tribromophenol
 Concen: 93.50 ng
 RT: 17.22 min Scan# 1390
 Delta R.T. 0.01 min
 Lab File: BF081580.D
 Acq: 10 Sep 2015 22:47

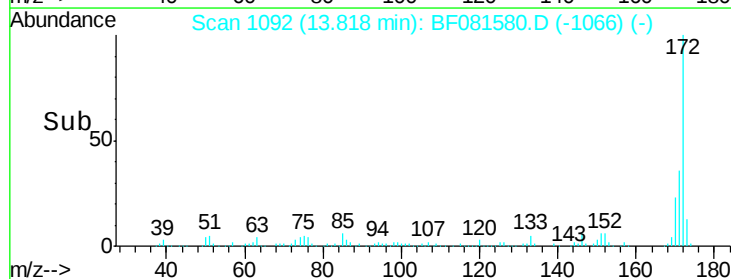
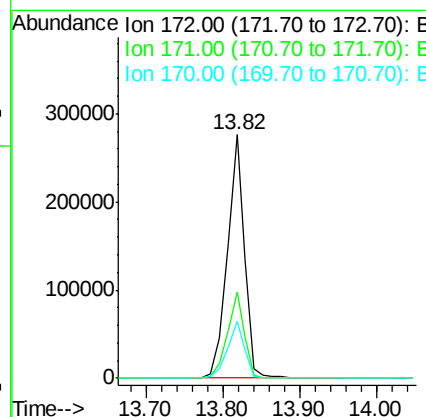
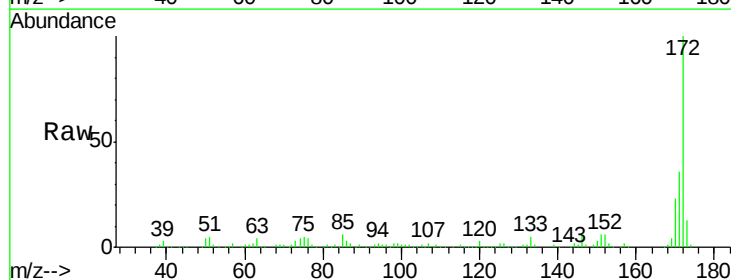
Instrument :
 BNA_F
 ClientSampleId :
 TYB6(1.5-2)

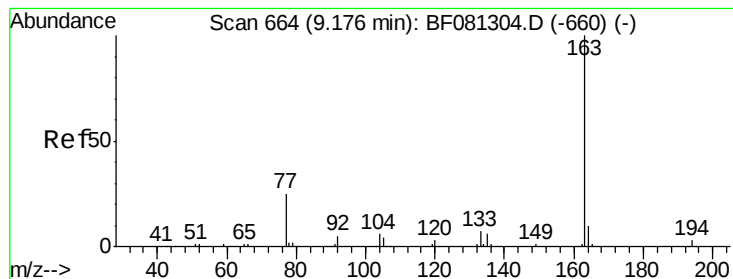
Tgt Ion:330 Resp: 64383
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 114.8
 141 50.3 29.7 44.5#



#44
 2-Fluorobiphenyl
 Concen: 72.49 ng
 RT: 13.82 min Scan# 1092
 Delta R.T. -0.00 min
 Lab File: BF081580.D
 Acq: 10 Sep 2015 22:47

Tgt Ion:172 Resp: 437441
 Ion Ratio Lower Upper
 172 100
 171 35.5 26.1 39.1
 170 23.2 17.4 26.2





#49

Dimethylphthalate

Concen: 16.73 ng

RT: 14.87 min Scan# 1184

Delta R.T. -0.03 min

Lab File: BF081580.D

Acq: 10 Sep 2015 22:47

Instrument :

BNA_F

ClientSampleId :

TYB6(1.5-2)

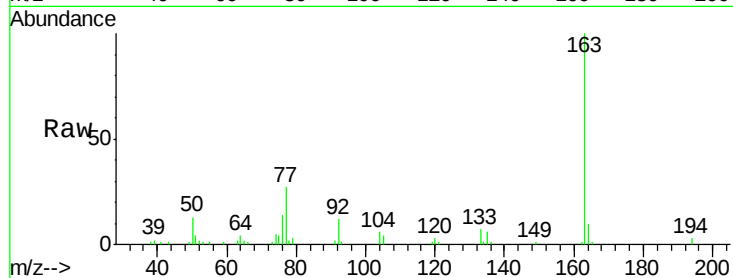
Tgt Ion:163 Resp: 100539

Ion Ratio Lower Upper

163 100

194 2.8 4.4 6.6#

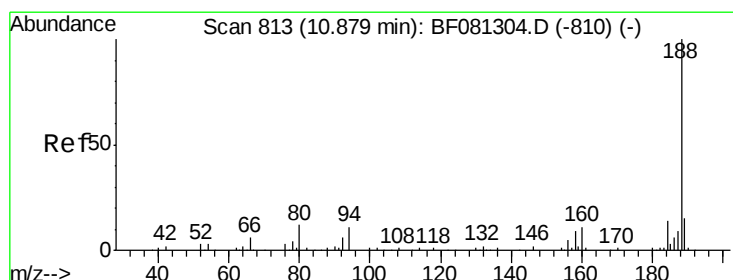
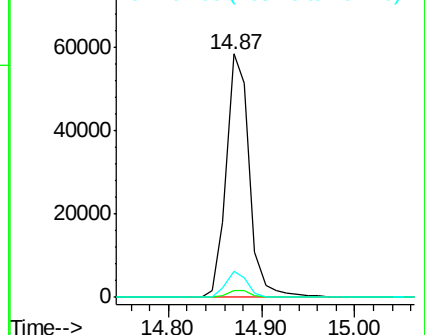
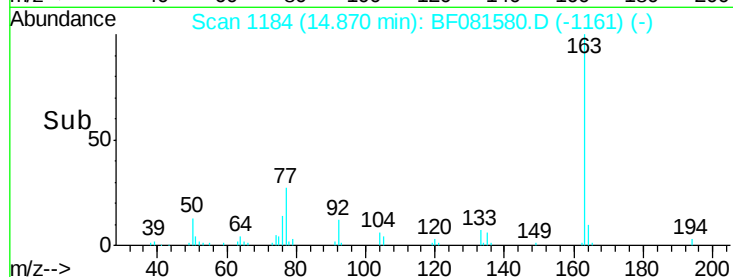
164 10.5 8.3 12.5



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 18.82 min Scan# 1530

Delta R.T. 0.01 min

Lab File: BF081580.D

Acq: 10 Sep 2015 22:47

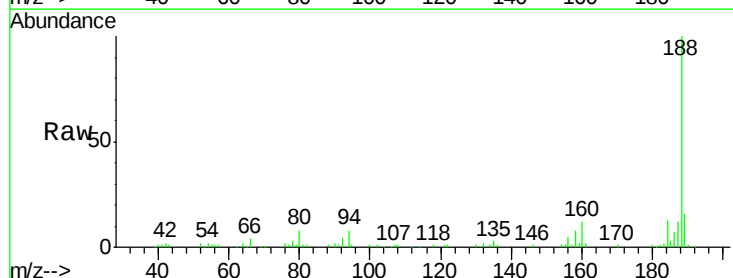
Tgt Ion:188 Resp: 130953

Ion Ratio Lower Upper

188 100

94 7.8 11.1 16.7#

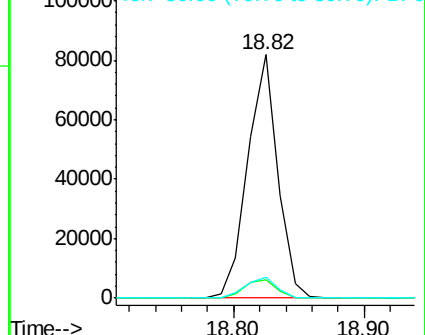
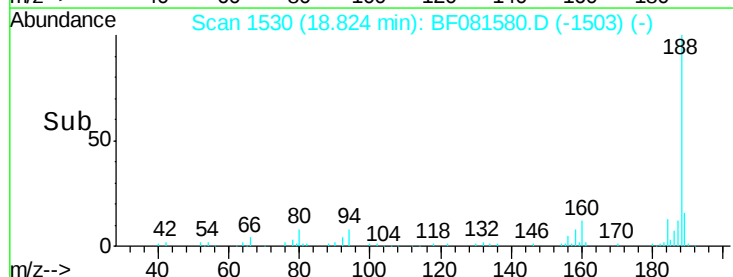
80 8.4 11.0 16.4#

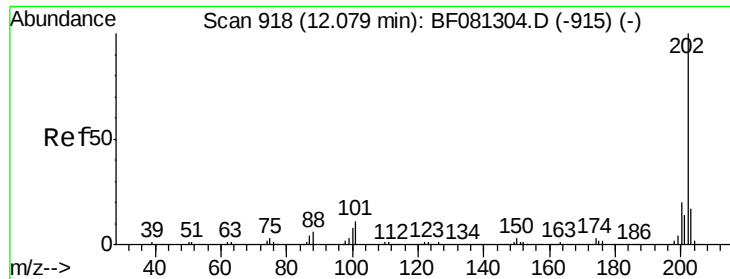


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

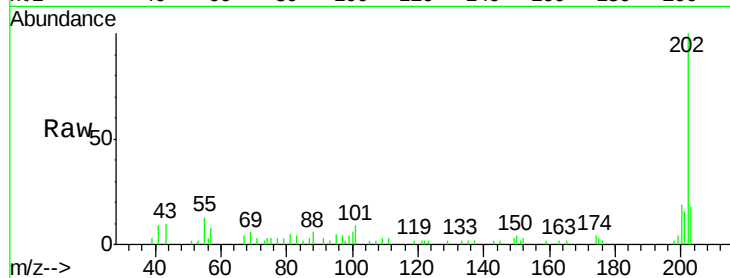




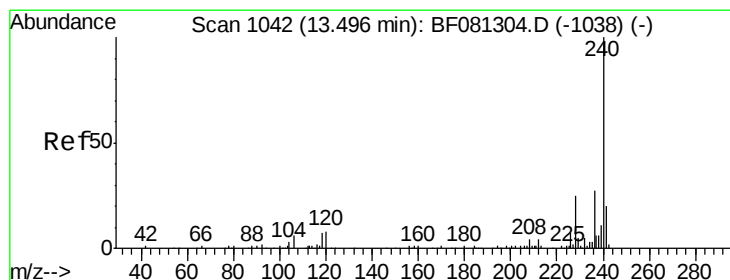
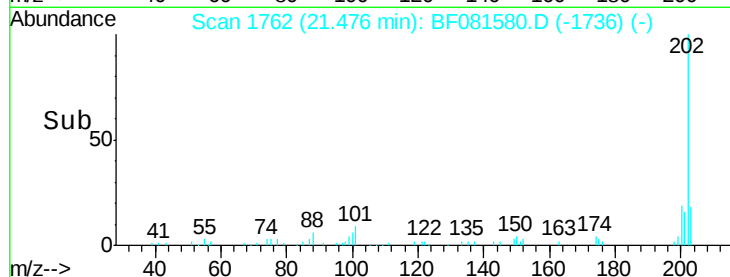
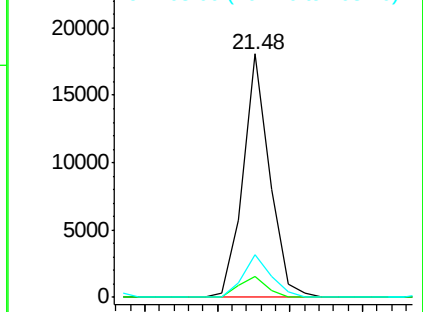
#74
 Fluoranthene
 Concen: 2.91 ng
 RT: 21.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: BF081580.D
 Acq: 10 Sep 2015 22:47

Instrument :
 BNA_F
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 TYB6(1.5-2)

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	22924		
101	8.7	0.0	38.3	
203	17.7	0.0	37.3	

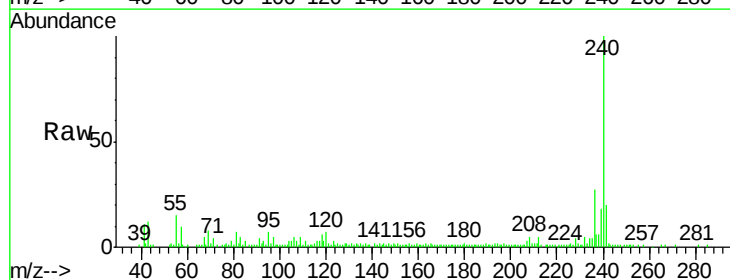


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

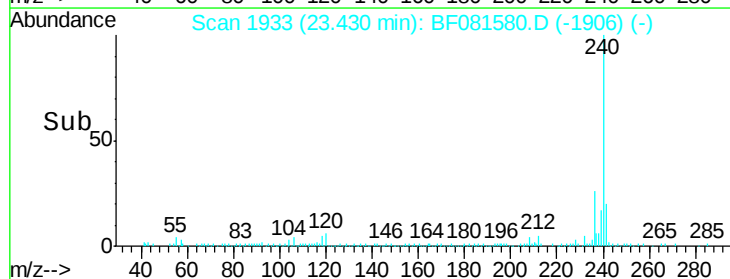
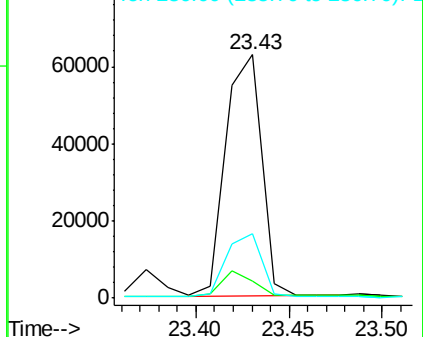


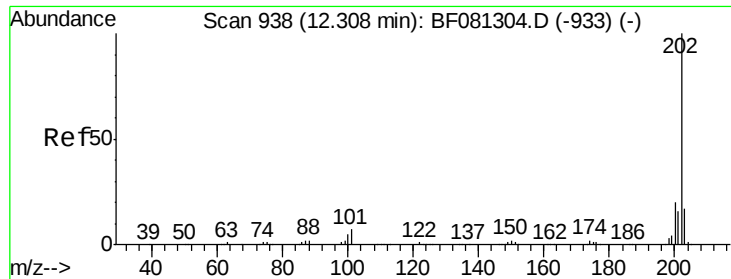
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 23.43 min Scan# 1933
 Delta R.T. 0.01 min
 Lab File: BF081580.D
 Acq: 10 Sep 2015 22:47

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	84386		
120	6.8	16.2	24.2#	
236	26.7	18.4	27.6	



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

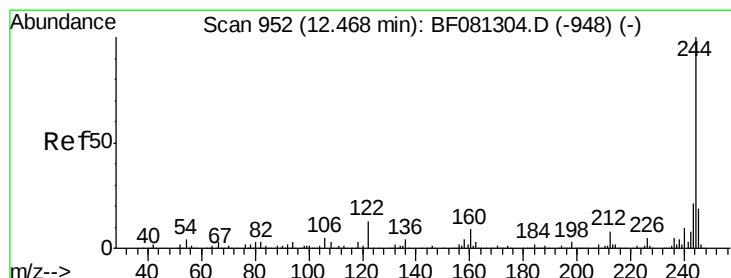
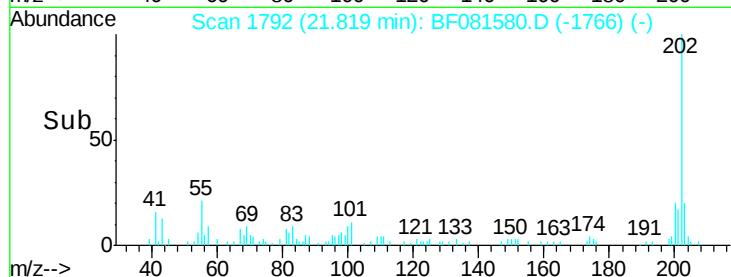
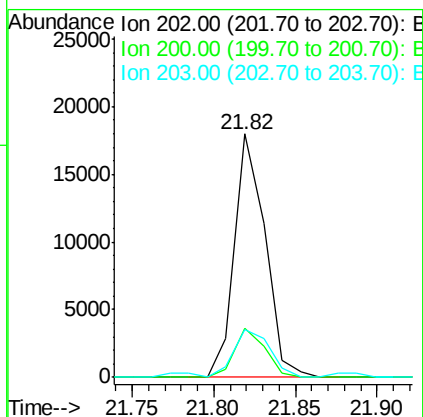
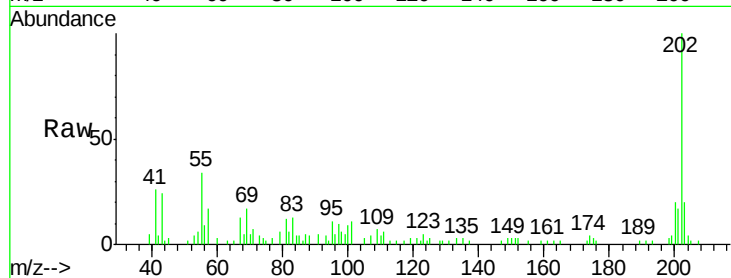




#77
 Pyrene
 Concen: 3.72 ng
 RT: 21.82 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: BF081580.D
 Acq: 10 Sep 2015 22:47

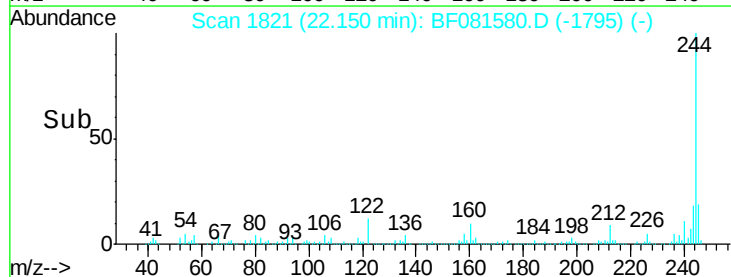
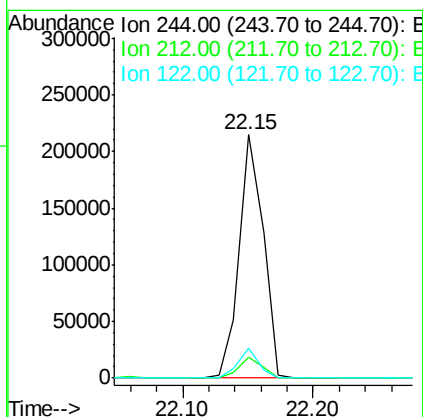
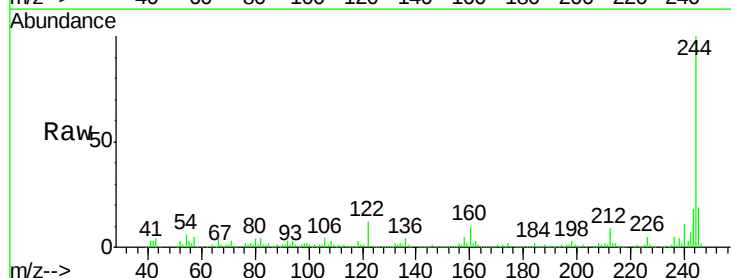
Instrument :
 BNA_F
 ClientSampleId :
 TYB6(1.5-2)

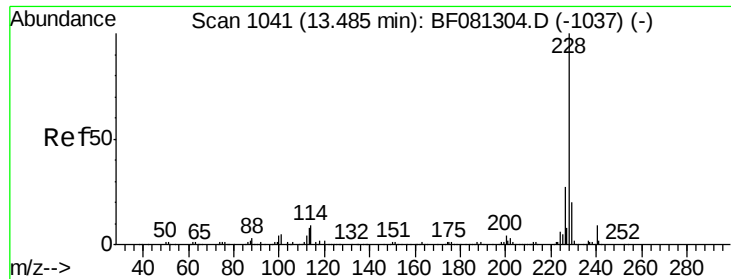
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.4	15.0	22.4
203	19.9	14.1	21.1



#78
 Terphenyl-d14
 Concen: 75.70 ng
 RT: 22.15 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: BF081580.D
 Acq: 10 Sep 2015 22:47

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.7	4.3	6.5#
122	12.0	17.4	26.2#





#80

Benzo(a)anthracene

Concen: 2.29 ng

RT: 23.42 min Scan# 1932

Delta R.T. 0.01 min

Lab File: BF081580.D

Acq: 10 Sep 2015 22:47

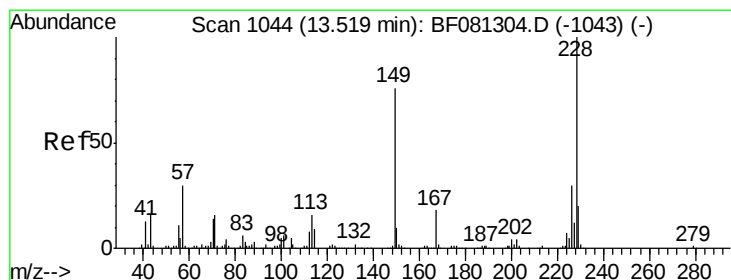
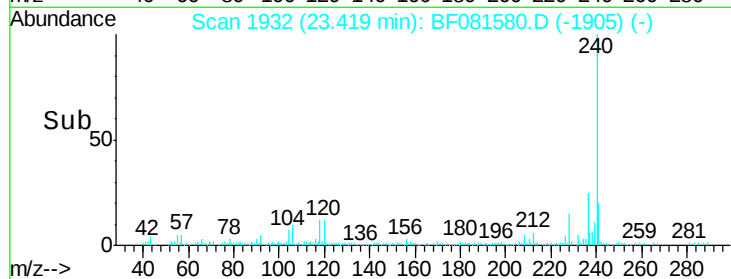
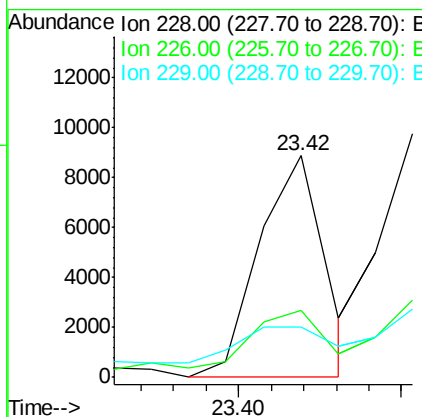
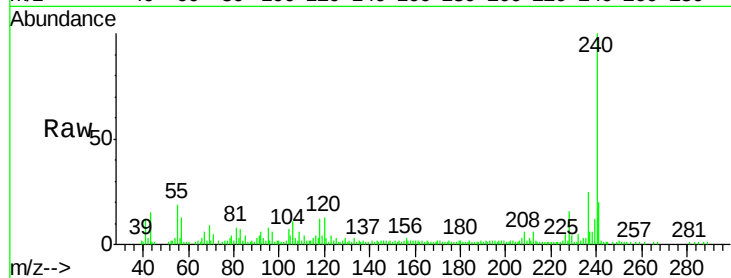
Instrument :

BNA_F

ClientSampleId :

TYB6(1.5-2)

Tgt Ion:	228	Resp:	12321
Ion	Ratio	Lower	Upper
228	100		
226	30.4	20.0	30.0#
229	22.7	15.4	23.2



#82

Chrysene

Concen: 2.60 ng m

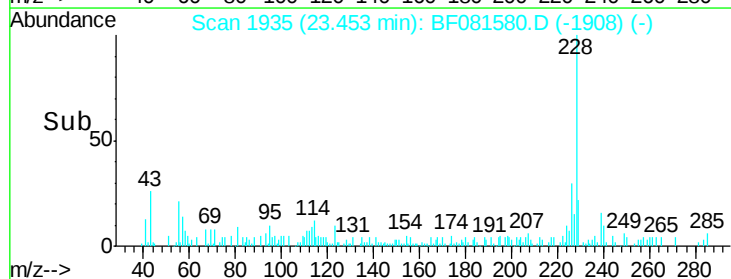
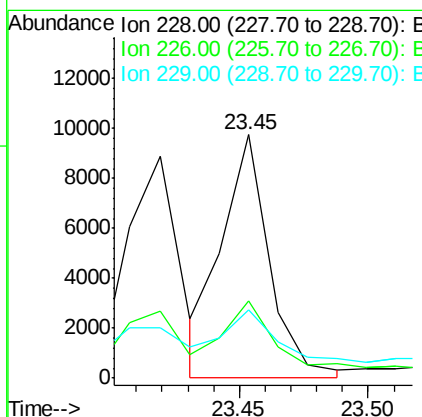
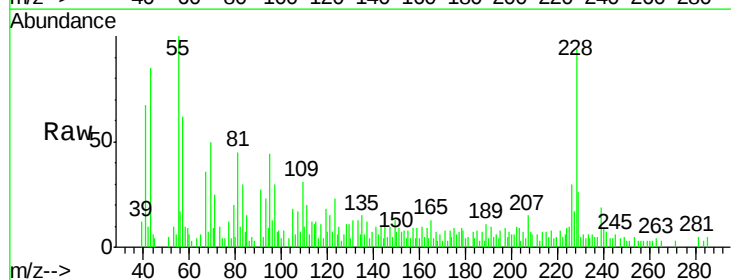
RT: 23.45 min Scan# 1935

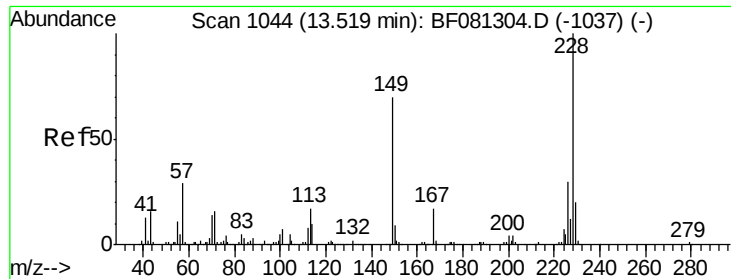
Delta R.T. 0.01 min

Lab File: BF081580.D

Acq: 10 Sep 2015 22:47

Tgt Ion:	228	Resp:	12538
Ion	Ratio	Lower	Upper
228	100		
226	31.6	21.0	31.4#
229	27.8	15.6	23.4#

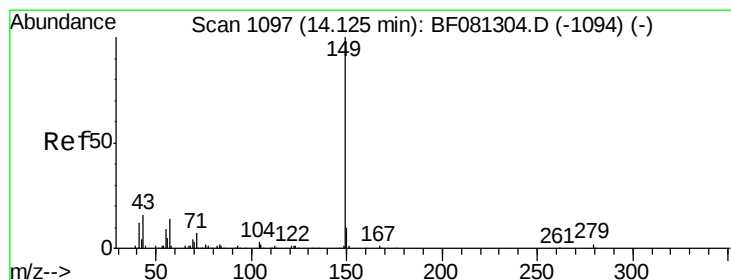
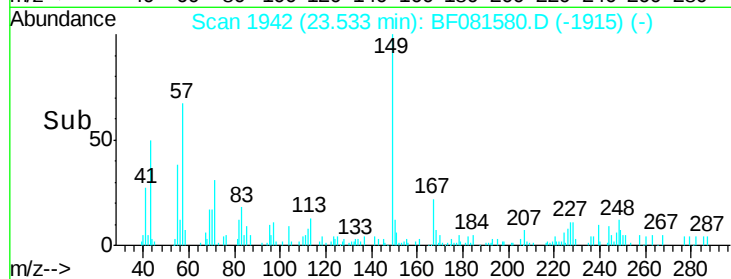
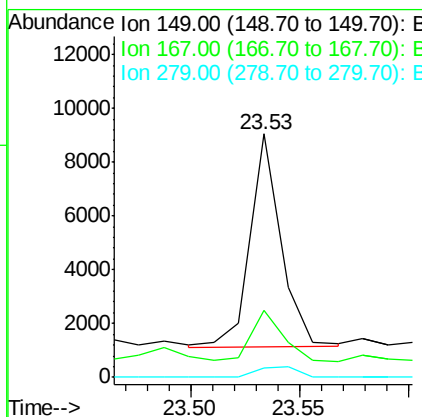
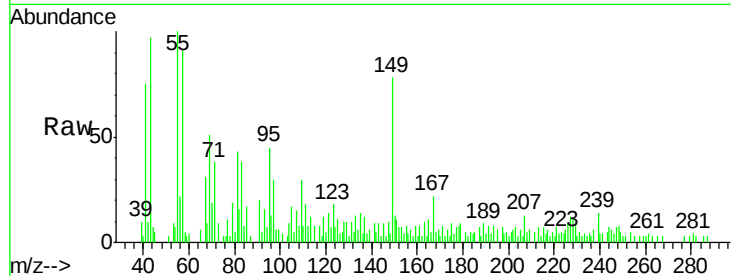




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.19 ng
 RT: 23.53 min Scan# 1942
 Delta R.T. 0.01 min
 Lab File: BF081580.D
 Acq: 10 Sep 2015 22:47

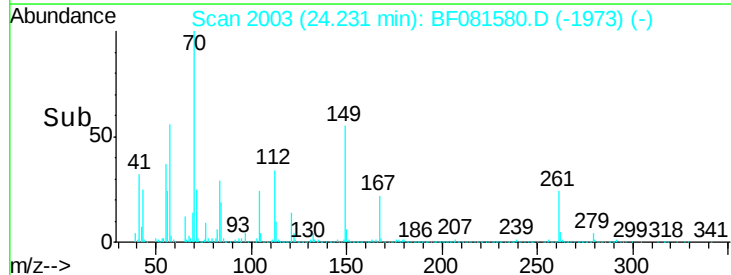
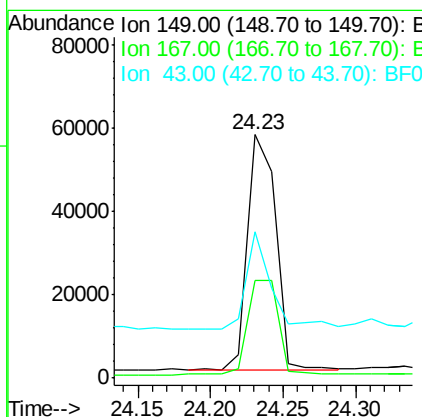
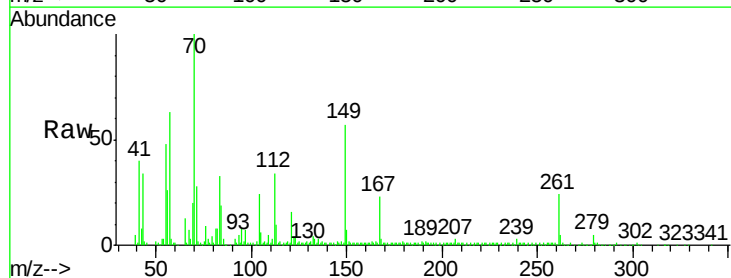
Instrument :
 BNA_F
 ClientSampleId :
 TYB6(1.5-2)

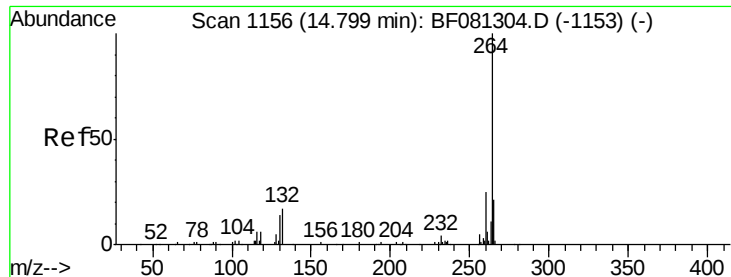
Tgt Ion:149 Resp: 7851
 Ion Ratio Lower Upper
 149 100
 167 27.7 24.2 36.2
 279 3.7 3.8 5.6#



#84
 Di-n-octyl phthalate
 Concen: 13.01 ng
 RT: 24.23 min Scan# 2003
 Delta R.T. 0.05 min
 Lab File: BF081580.D
 Acq: 10 Sep 2015 22:47

Tgt Ion:149 Resp: 76870
 Ion Ratio Lower Upper
 149 100
 167 43.3 1.0 1.6#
 43 37.0 10.2 15.2#

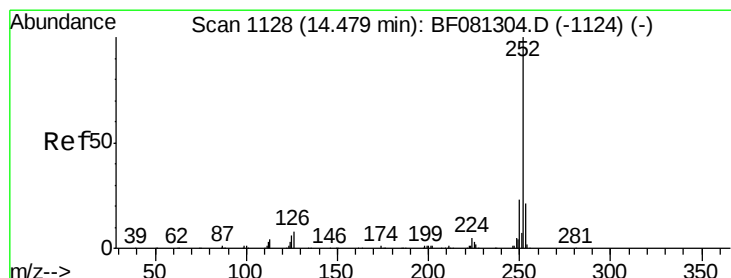
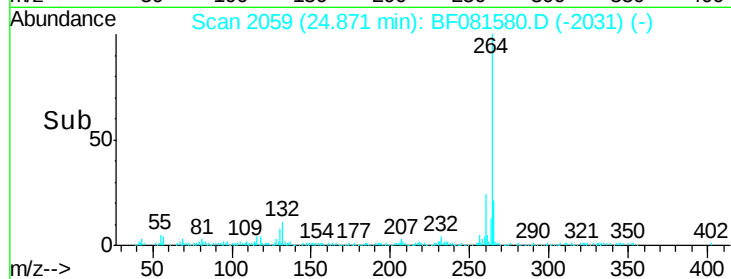
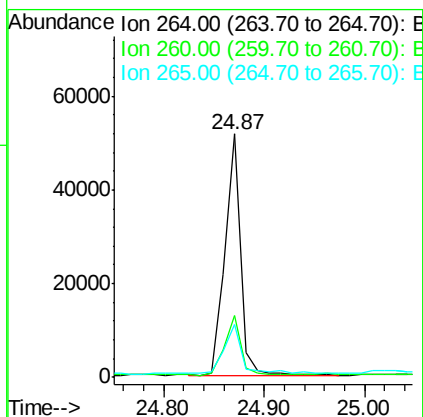
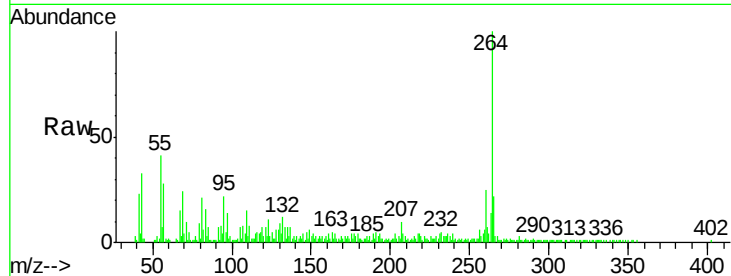




#86
Perylene-d12
Concen: 20.00 ng
RT: 24.87 min Scan# 2059
Delta R.T. 0.02 min
Lab File: BF081580.D
Acq: 10 Sep 2015 22:47

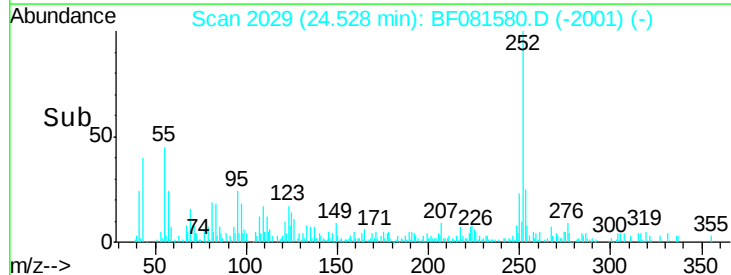
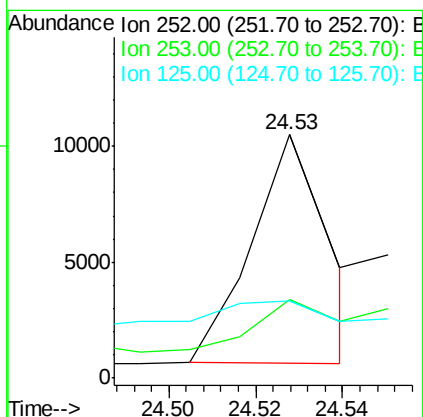
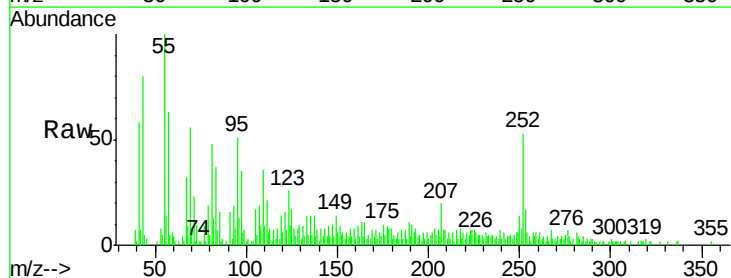
Instrument :
BNA_F
ClientSampleId :
TYB6(1.5-2)

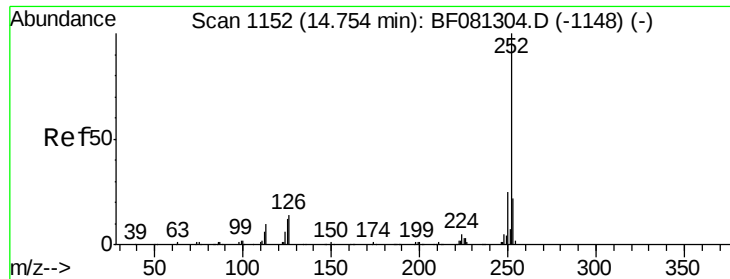
Tgt Ion:264 Resp: 55320
Ion Ratio Lower Upper
264 100
260 25.2 16.7 25.1#
265 21.5 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 3.07 ng m
RT: 24.53 min Scan# 2029
Delta R.T. 0.02 min
Lab File: BF081580.D
Acq: 10 Sep 2015 22:47

Tgt Ion:252 Resp: 12128
Ion Ratio Lower Upper
252 100
253 32.2 17.5 26.3#
125 31.6 17.1 25.7#





#89

Benzo(a)pyrene

Concen: 2.34 ng

RT: 24.81 min Scan# 2054

Delta R.T. 0.01 min

Lab File: BF081580.D

Acq: 10 Sep 2015 22:47

Instrument :

BNA_F

ClientSampleId :

TYB6(1.5-2)

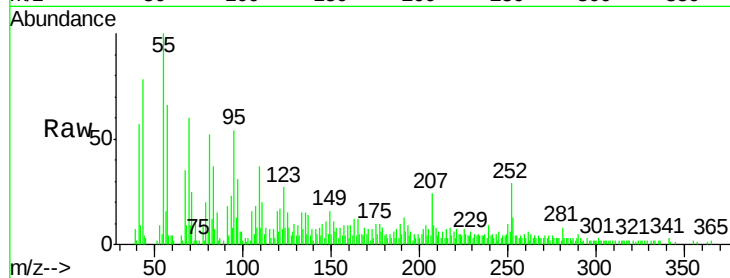
Tgt Ion:252 Resp: 7837

Ion Ratio Lower Upper

252 100

253 43.3 17.2 25.8#

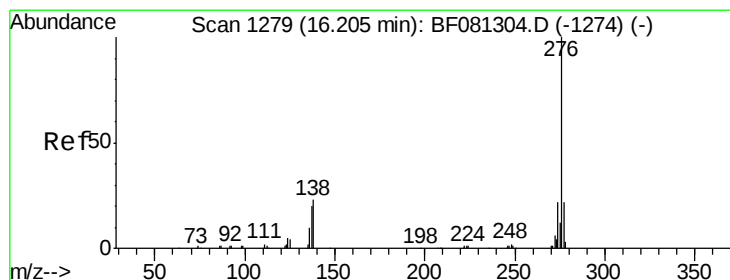
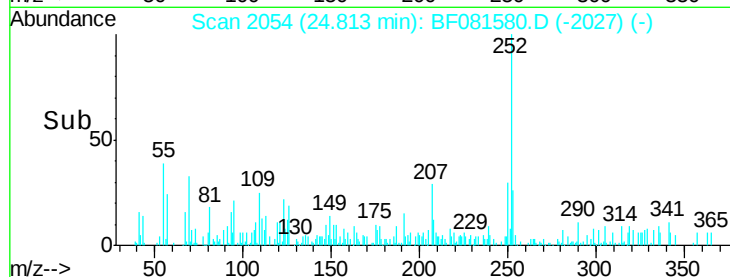
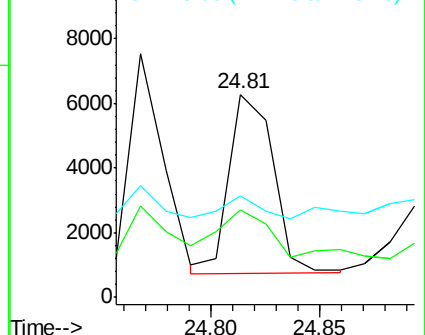
125 50.0 18.0 27.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(g,h,i)perylene

Concen: 2.46 ng

RT: 26.27 min Scan# 2181

Delta R.T. 0.05 min

Lab File: BF081580.D

Acq: 10 Sep 2015 22:47

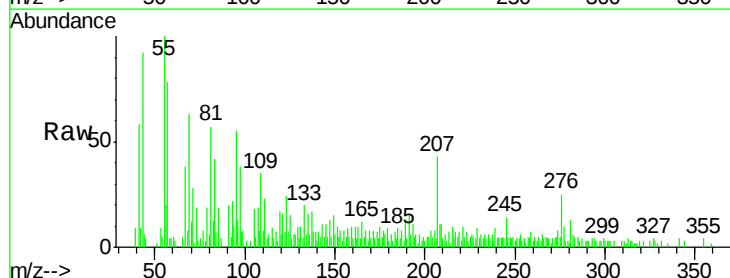
Tgt Ion:276 Resp: 6065

Ion Ratio Lower Upper

276 100

277 41.6 17.8 26.6#

138 28.7 34.6 51.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

