

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
 Data File : BF085877.D
 Acq On : 30 Mar 2016 10:29
 Operator : UM/SJ
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

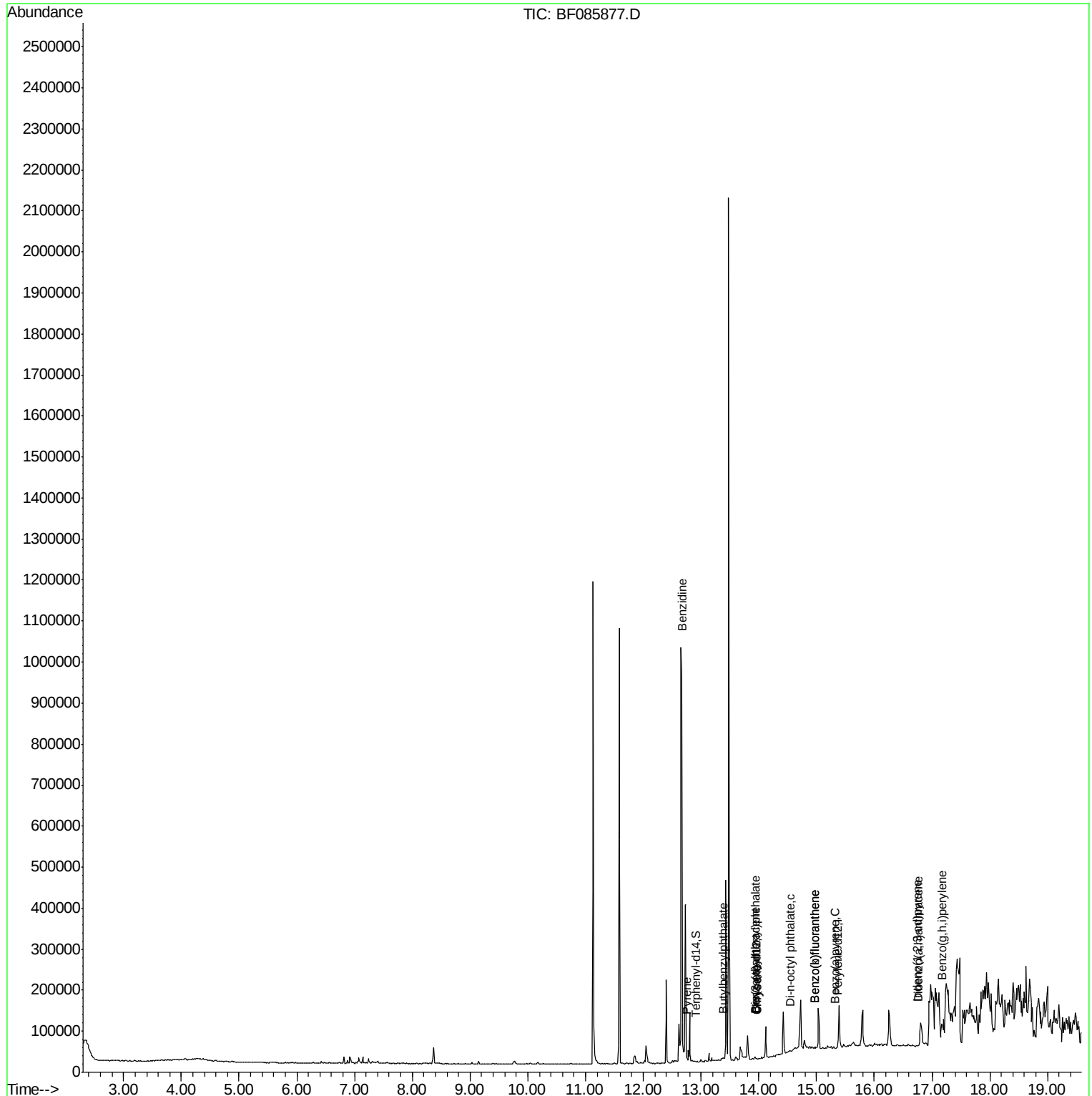
Quant Time: Mar 31 05:41:00 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 12:31:18 2016
 Response via : Initial Calibration

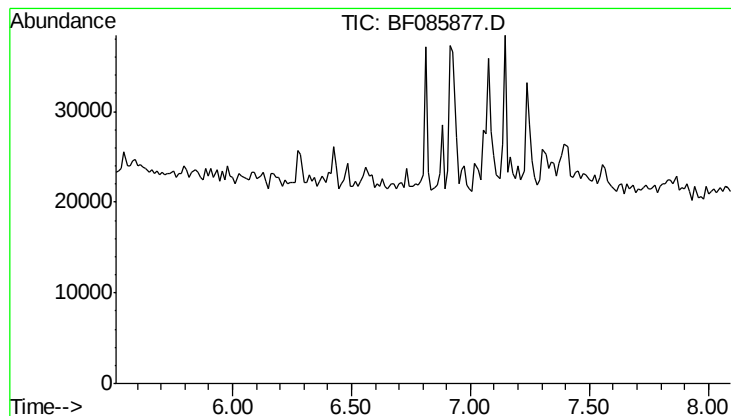
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-6.80
21) Naphthalene-d8	0.00	136	0	0.00	ng	-8.09
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-9.84
63) Phenanthrene-d10	0.00	188	0	0.00	ng	-11.33
75) Chrysene-d12	13.96	240	646	20.00	ng	-0.01
86) Perylene-d12	15.37	264	1555	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0	0.00	ng	
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
78) Terphenyl-d14	12.91	244	835	26.58	ng	0.00
Target Compounds						
76) Benzidine	12.67	184	630614	27718.56	ng	Qvalue 97
77) Pyrene	12.76	202	294	5.54	ng	# 57
79) Butylbenzylphthalate	13.39	149	302	13.58	ng	# 47
80) Benzo(a)anthracene	13.95	228	278	7.55	ng	# 51
82) Chrysene	13.98	228	628	16.93	ng	# 49
83) Bis(2-ethylhexyl)phthalate	13.93	149	2668	100.20	ng	# 74
84) Di-n-octyl phthalate	14.54	149	4594	116.03	ng	# 78
85) Indeno(1,2,3-cd)pyrene	16.75	276	431	15.04	ng	# 47
87) Benzo(b)fluoranthene	14.97	252	1884	19.23	ng	# 36
88) Benzo(k)fluoranthene	14.97	252	1884	21.33	ng	# 34
89) Benzo(a)pyrene	15.32	252	280	3.22	ng	# 1
90) Dibenzo(a,h)anthracene	16.77	278	206	2.55	ng	# 55
91) Benzo(g,h,i)perylene	17.17	276	1064	13.00	ng	# 20

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

```
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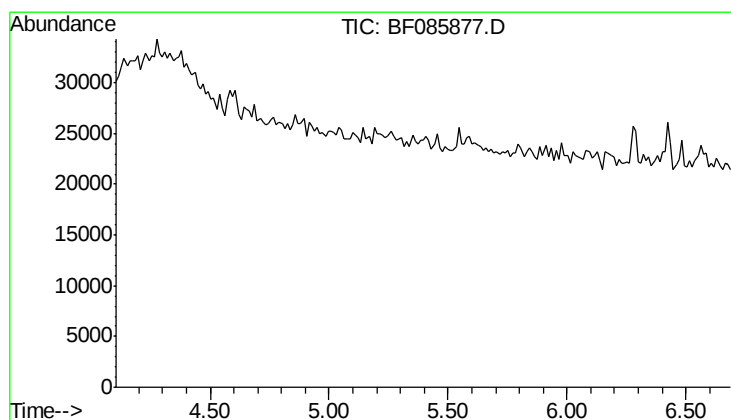
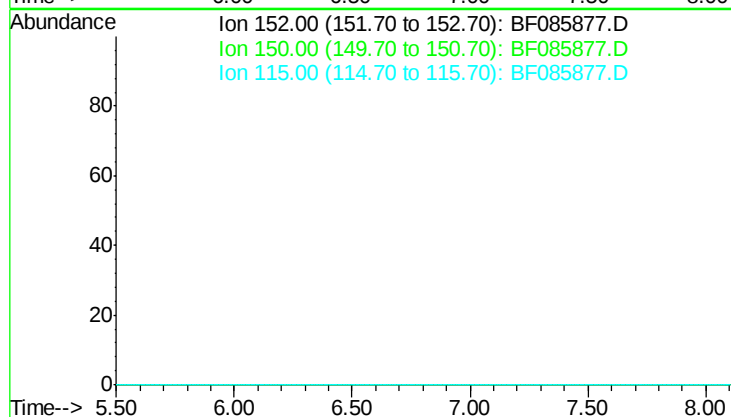




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.00 ng
 Expected RT: 6.80 min
 Lab File: BF085877.D
 Acq: 30 Mar 2016 10:29

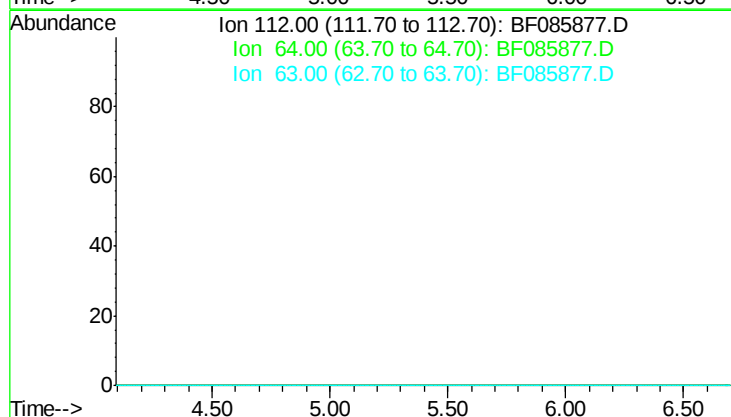
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

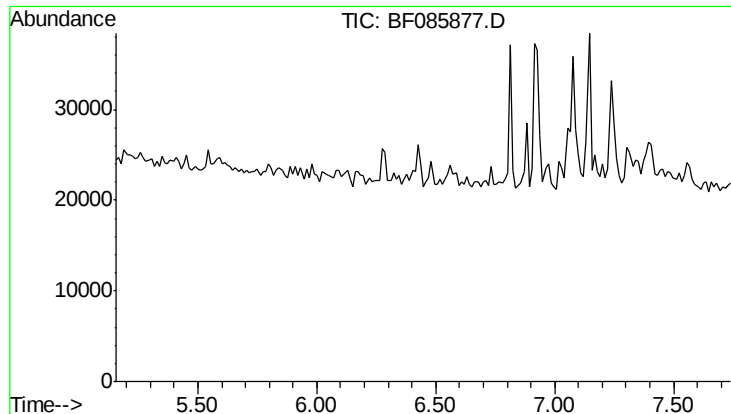
Tgt Ion: 152
 Sig Exp Ratio
 152 100
 150 155.2
 115 58.8



#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.40 min
 Lab File: BF085877.D
 Acq: 30 Mar 2016 10:29

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 49.9
 63 25.2





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 6.45 min

Lab File: BF085877.D

Acq: 30 Mar 2016 10:29

Instrument :

BNA_F

ClientSampleId :

DFTPP

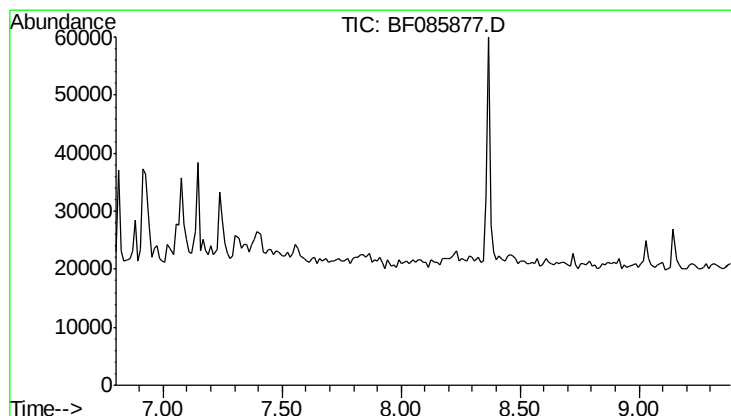
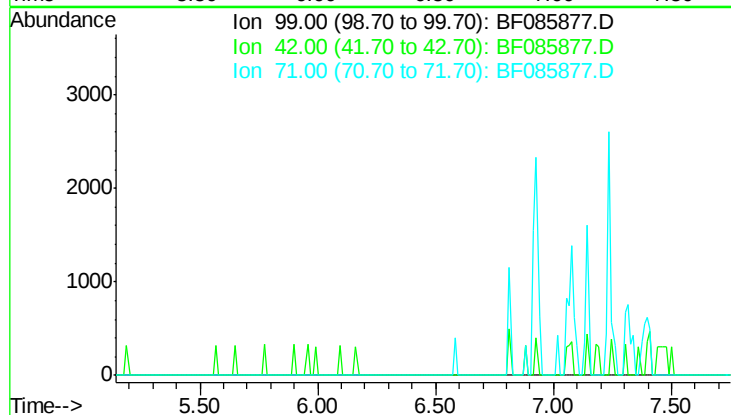
Tgt Ion: 99

Sig Exp Ratio

99 100

42 13.9

71 31.1



#21

Naphthalene-d8

Concen: 0.00 ng

Expected RT: 8.09 min

Lab File: BF085877.D

Acq: 30 Mar 2016 10:29

Tgt Ion: 136

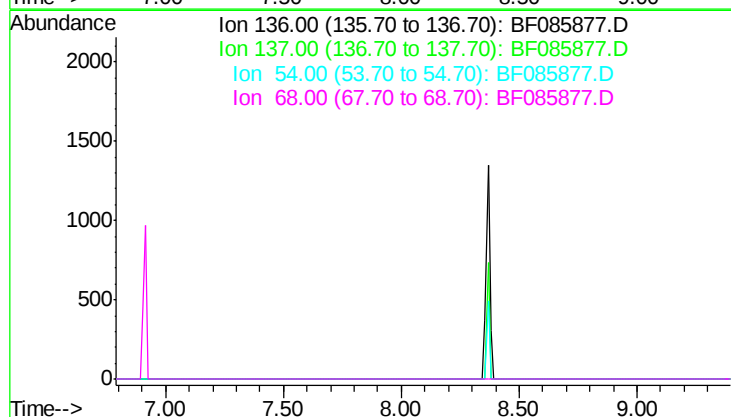
Sig Exp Ratio

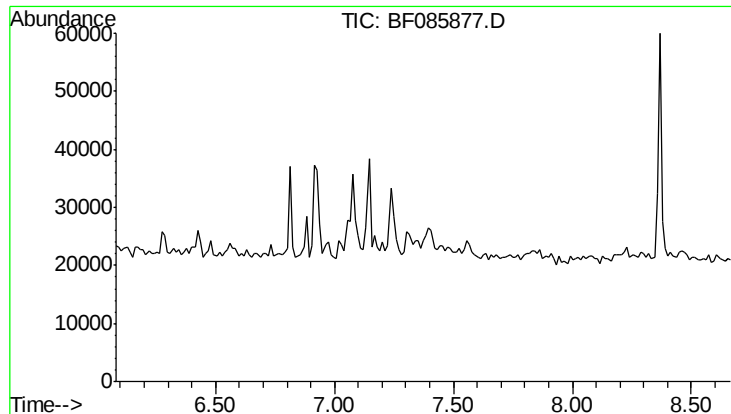
136 100

137 11.4

54 9.2

68 7.3

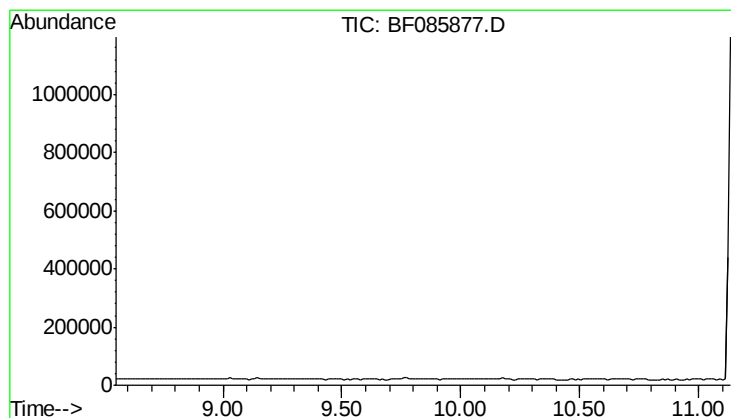
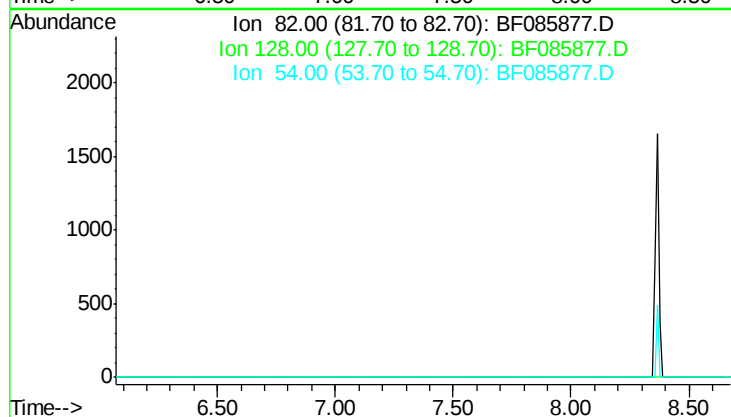




#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 Expected RT: 7.37 min
 Lab File: BF085877.D
 Acq: 30 Mar 2016 10:29

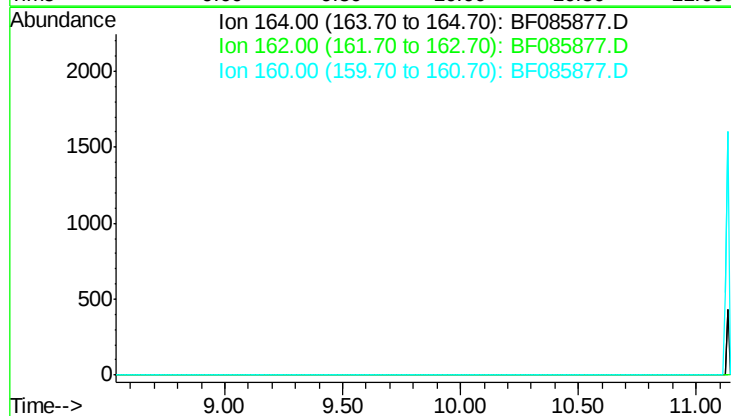
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

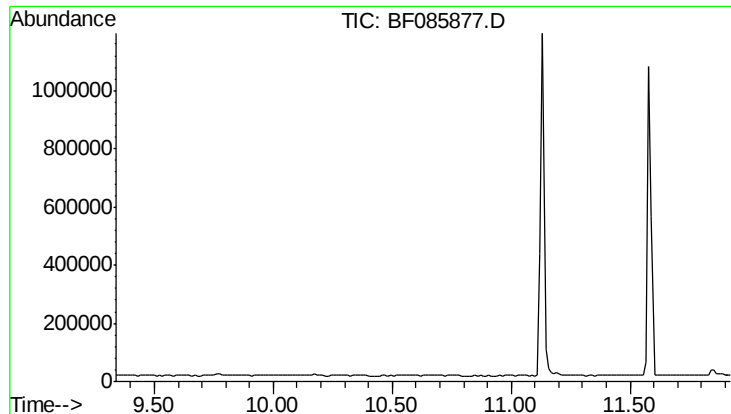
Tgt Ion	82
Sig	Exp Ratio
82	100
128	52.3
54	41.7



#38
 Acenaphthene-d10
 Concen: 0.00 ng
 Expected RT: 9.84 min
 Lab File: BF085877.D
 Acq: 30 Mar 2016 10:29

Tgt Ion	164
Sig	Exp Ratio
164	100
162	102.6
160	46.8



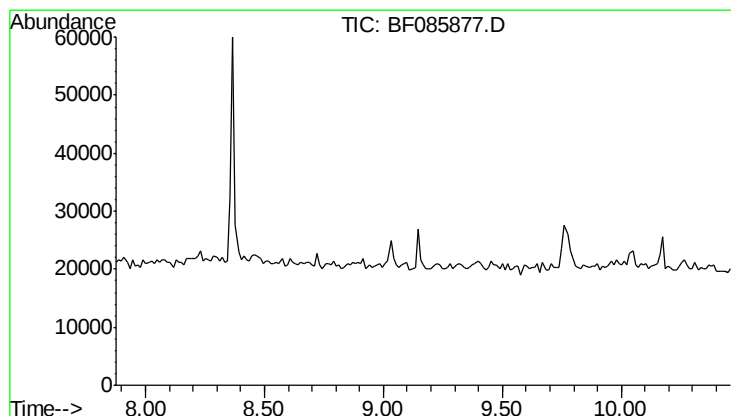
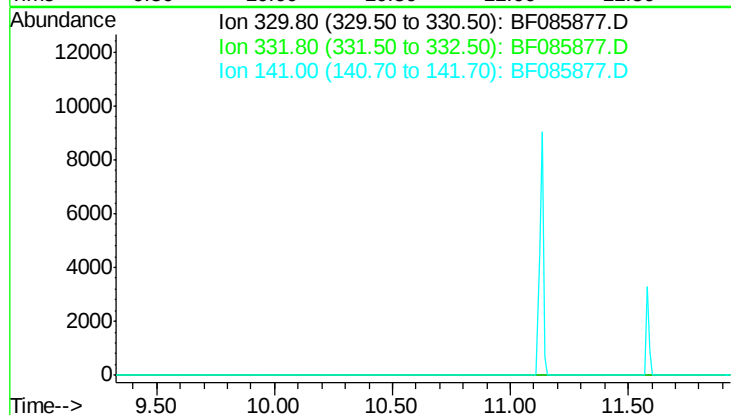


#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.63 min
 Lab File: BF085877.D
 Acq: 30 Mar 2016 10:29

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion: 330

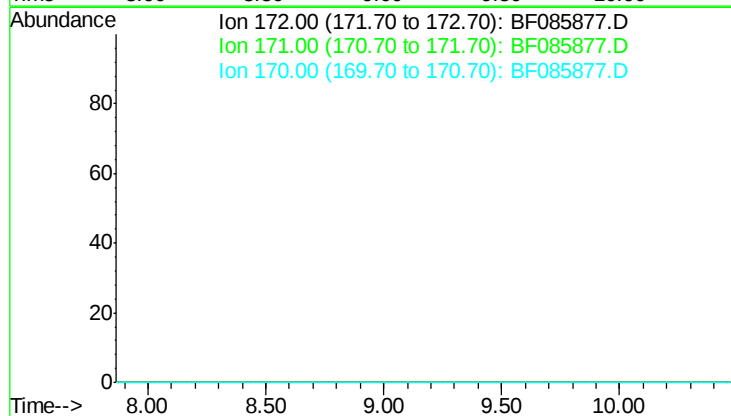
Sig	Exp Ratio
330	100
332	97.7
141	39.4

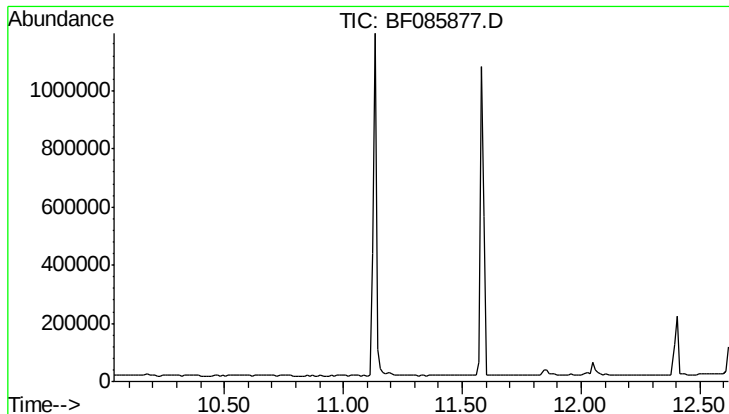


#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 Expected RT: 9.17 min
 Lab File: BF085877.D
 Acq: 30 Mar 2016 10:29

Tgt Ion: 172

Sig	Exp Ratio
172	100
171	36.8
170	24.7

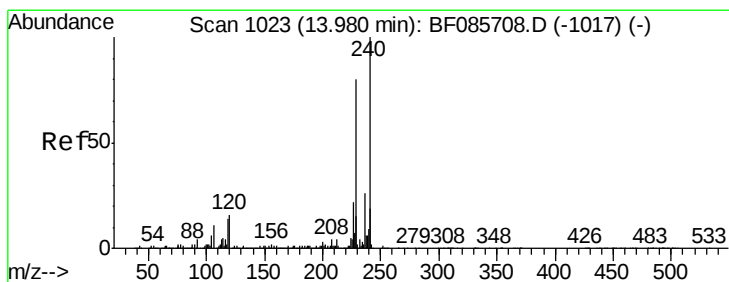
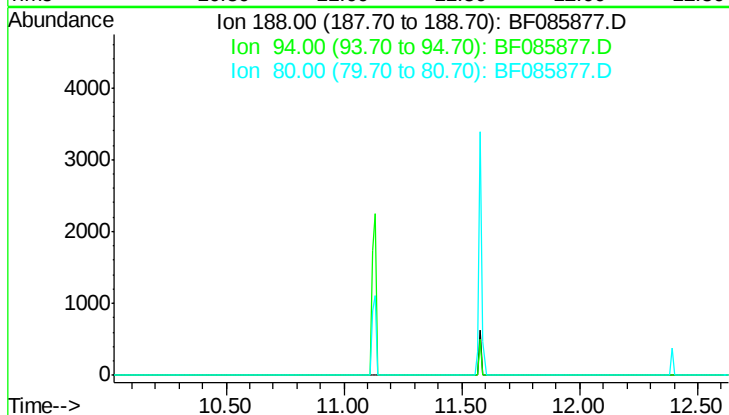




#63
 Phenanthrene-d10
 Concen: 0.00 ng
 Expected RT: 11.33 min
 Lab File: BF085877.D
 Acq: 30 Mar 2016 10:29

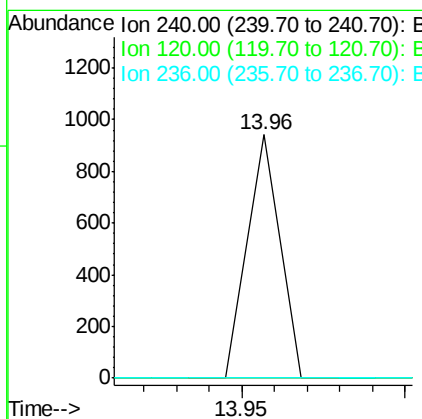
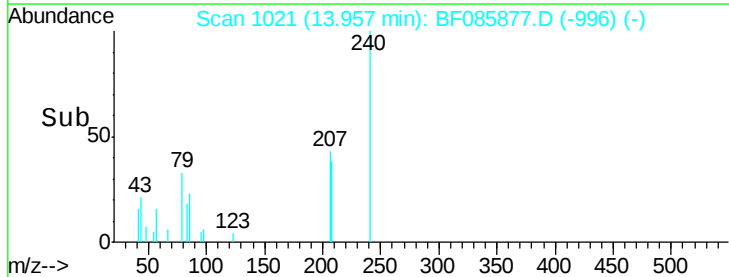
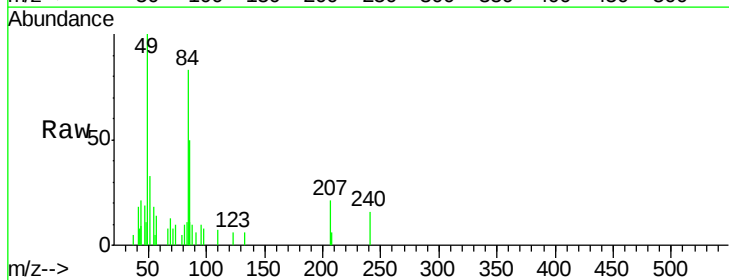
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

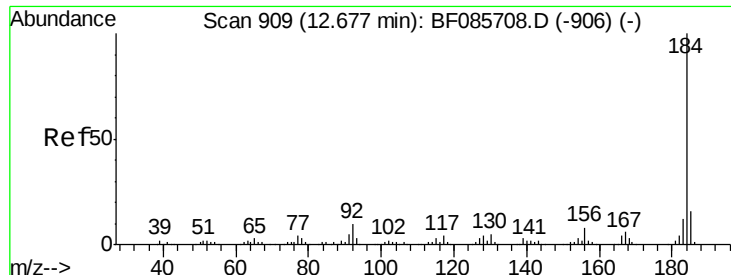
Tgt Ion: 188
 Sig Exp Ratio
 188 100
 94 6.7
 80 6.9



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.96 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF085877.D
 Acq: 30 Mar 2016 10:29

Tgt Ion: 240 Resp: 646
 Ion Ratio Lower Upper
 240 100
 120 0.0 13.8 20.8#
 236 0.0 20.6 30.8#

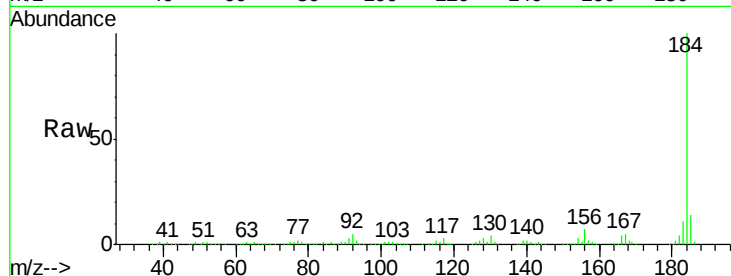




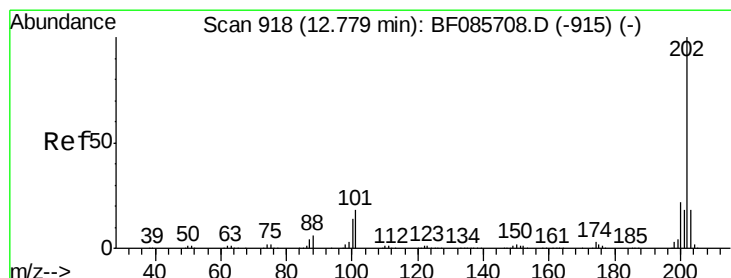
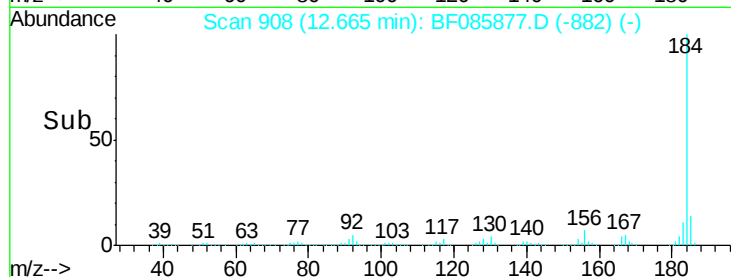
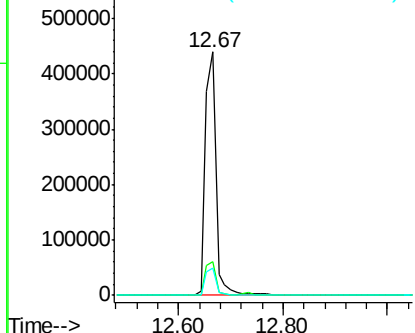
#76
Benzidine
Concen: 27718.56 ng
RT: 12.67 min Scan# 908
Delta R.T. 0.00 min
Lab File: BF085877.D
Acq: 30 Mar 2016 10:29

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:184 Resp: 630614
Ion Ratio Lower Upper
184 100
185 14.0 12.4 18.6
183 11.4 9.4 14.2

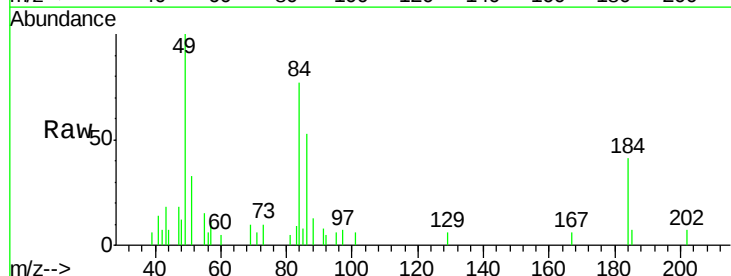


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

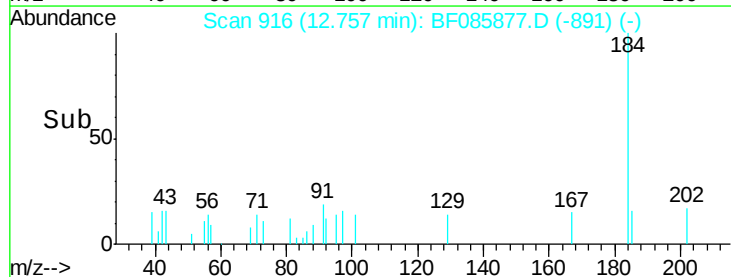
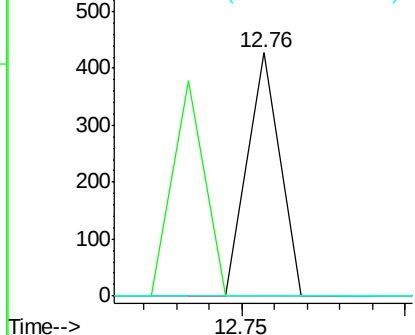


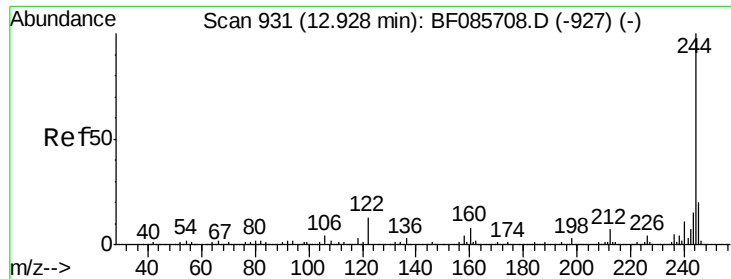
#77
Pyrene
Concen: 5.54 ng
RT: 12.76 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF085877.D
Acq: 30 Mar 2016 10:29

Tgt Ion:202 Resp: 294
Ion Ratio Lower Upper
202 100
200 0.0 17.6 26.4#
203 0.0 14.0 21.0#



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

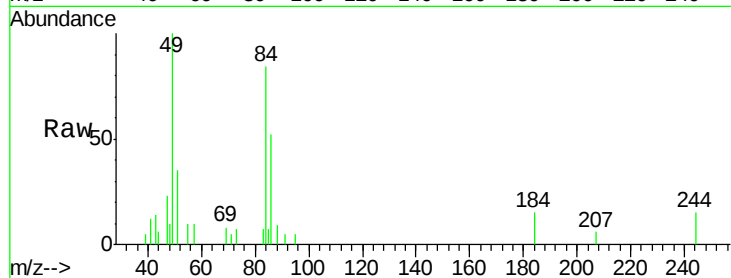




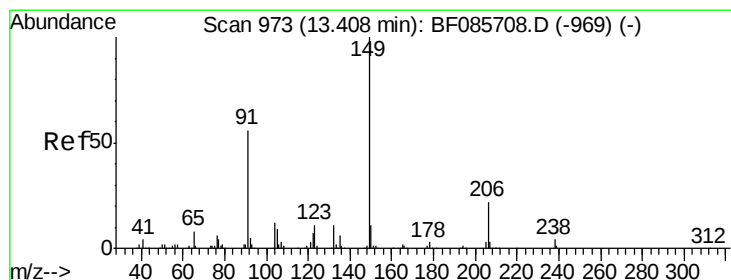
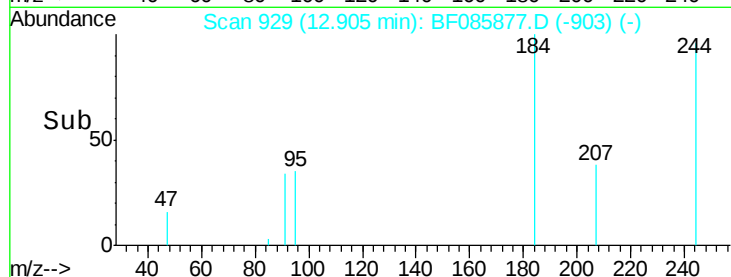
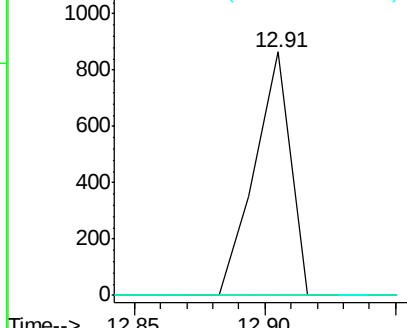
#78
 Terphenyl-d14
 Concen: 26.58 ng
 RT: 12.91 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: BF085877.D
 Acq: 30 Mar 2016 10:29

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion:244 Resp: 835
 Ion Ratio Lower Upper
 244 100
 212 0.0 6.1 9.1#
 122 0.0 10.2 15.4#

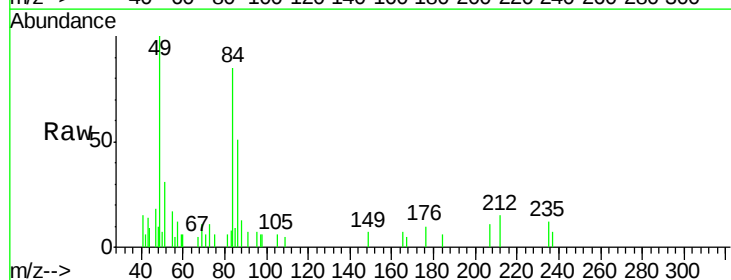


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

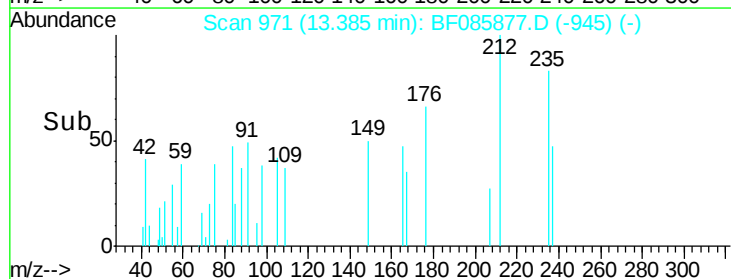
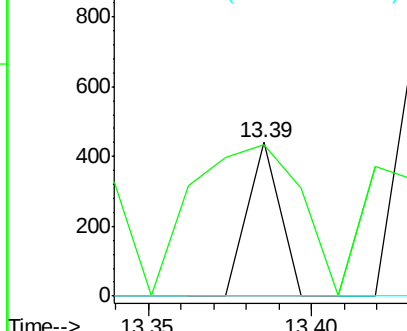


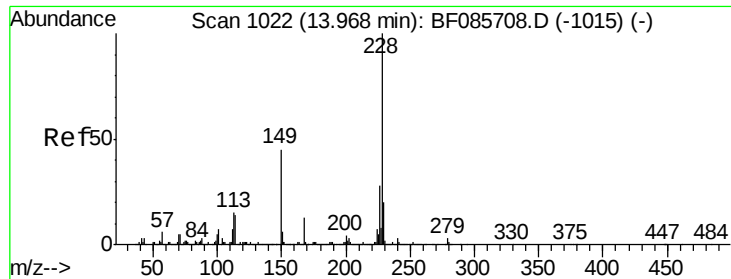
#79
 Butylbenzylphthalate
 Concen: 13.58 ng
 RT: 13.39 min Scan# 971
 Delta R.T. -0.00 min
 Lab File: BF085877.D
 Acq: 30 Mar 2016 10:29

Tgt Ion:149 Resp: 302
 Ion Ratio Lower Upper
 149 100
 91 98.4 45.8 68.8#
 206 0.0 17.8 26.8#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF0
 Ion 206.00 (205.70 to 206.70): E

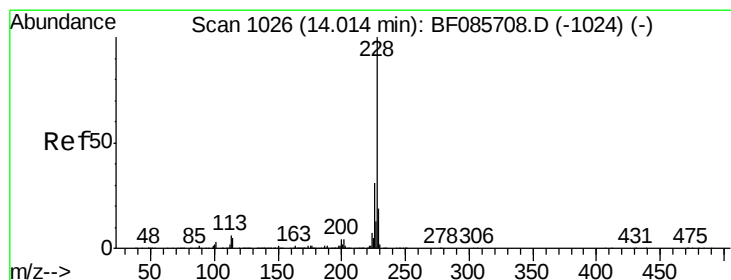
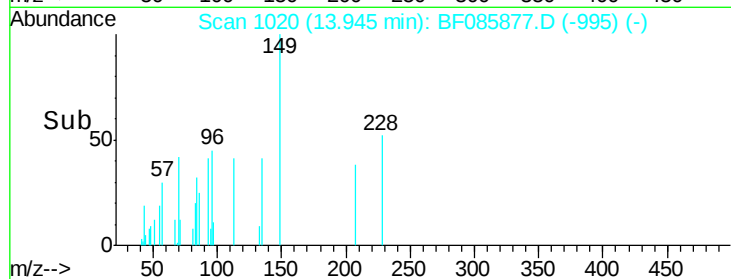
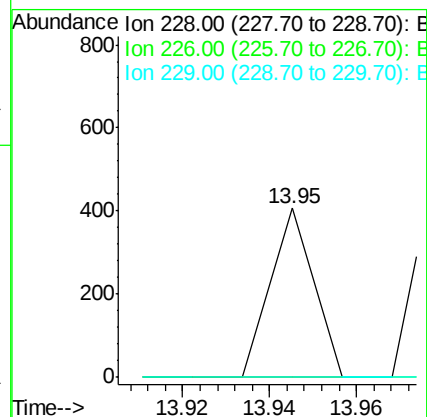
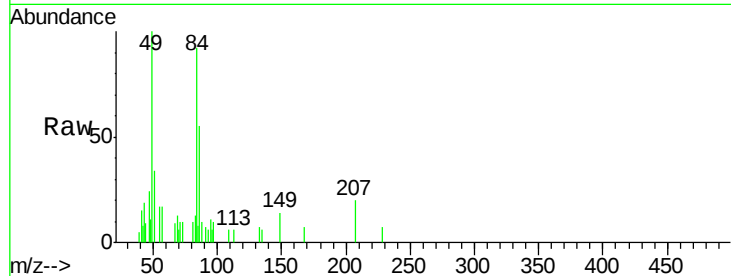




#80
Benzo(a)anthracene
Concen: 7.55 ng
RT: 13.95 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF085877.D
Acq: 30 Mar 2016 10:29

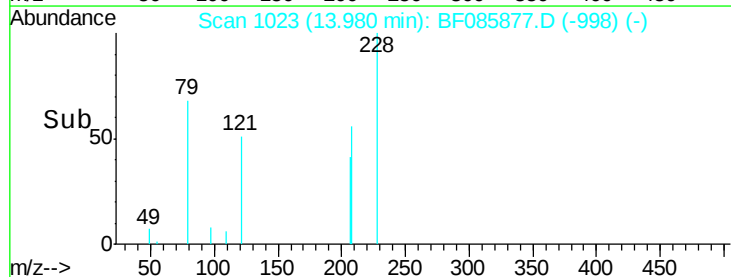
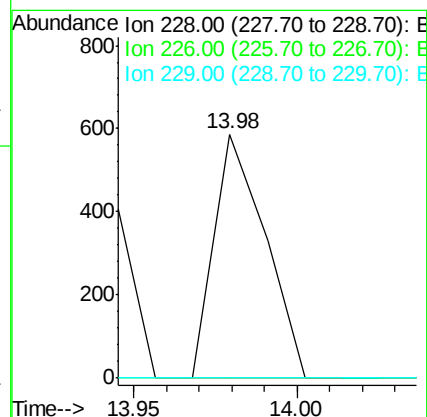
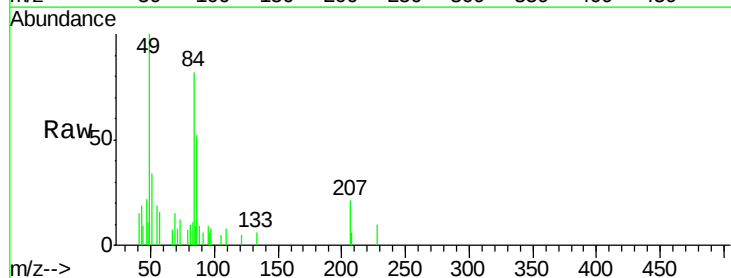
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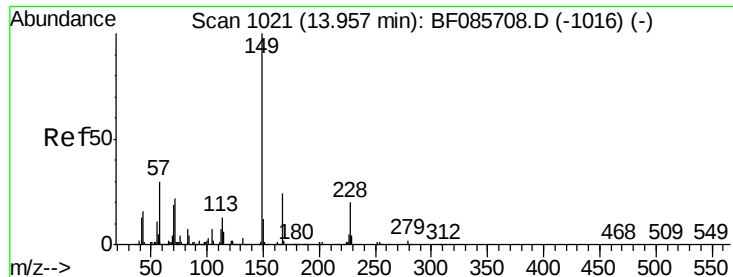
Tgt Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.1	33.1#
229	0.0	16.2	24.4#



#82
Chrysene
Concen: 16.93 ng
RT: 13.98 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF085877.D
Acq: 30 Mar 2016 10:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	0.0	25.0	37.6#
229	0.0	15.7	23.5#





#83

Bis(2-ethylhexyl)phthalate

Concen: 100.20 ng

RT: 13.93 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF085877.D

Acq: 30 Mar 2016 10:29

Instrument :

BNA_F

ClientSampleId :

DFTPP

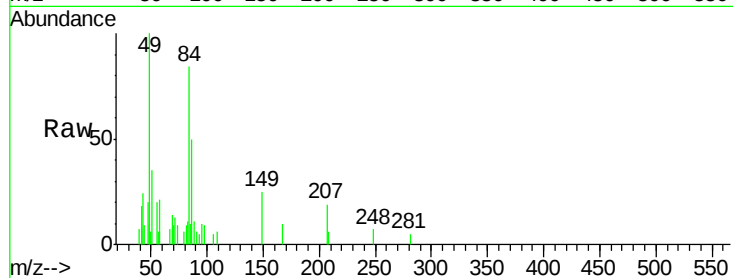
Tgt Ion:149 Resp: 2668

Ion Ratio Lower Upper

149 100

167 37.9 19.4 29.2#

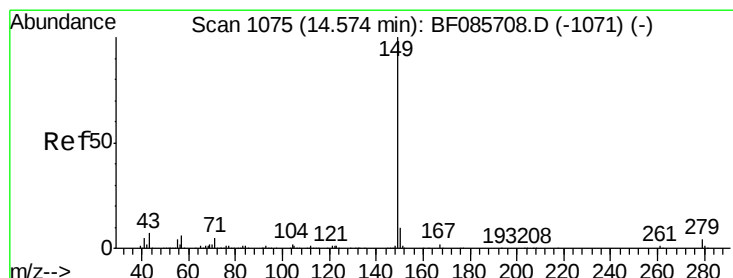
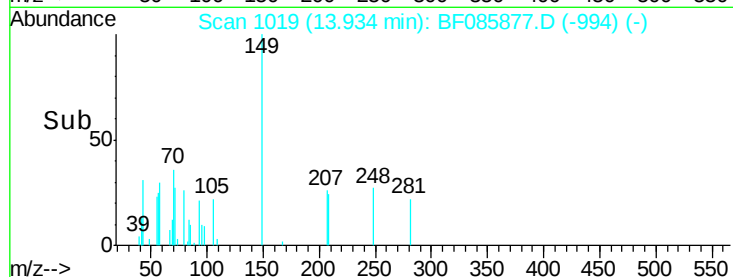
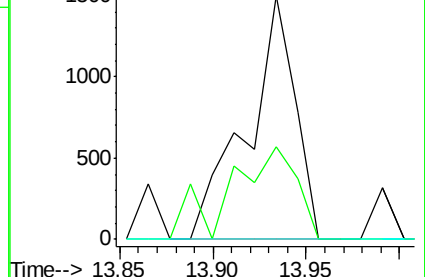
279 0.0 1.5 2.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 116.03 ng

RT: 14.54 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BF085877.D

Acq: 30 Mar 2016 10:29

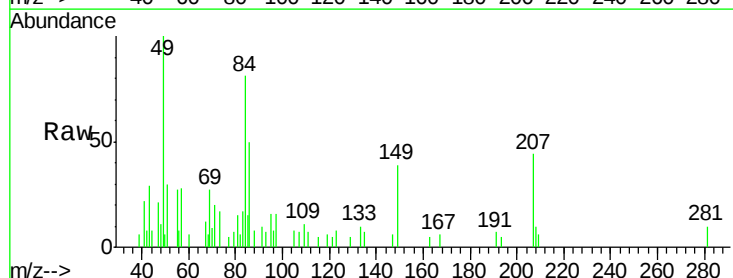
Tgt Ion:149 Resp: 4594

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

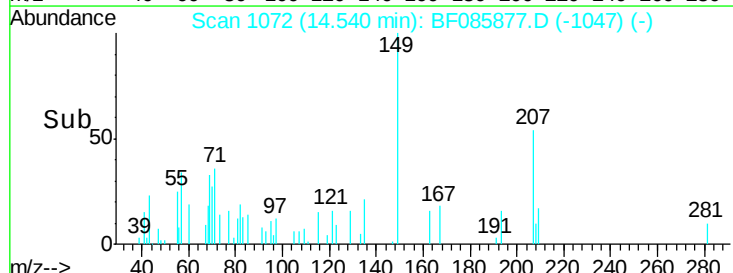
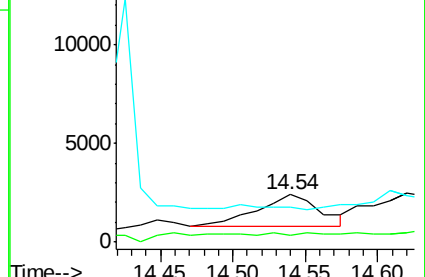
43 0.0 7.1 10.7#

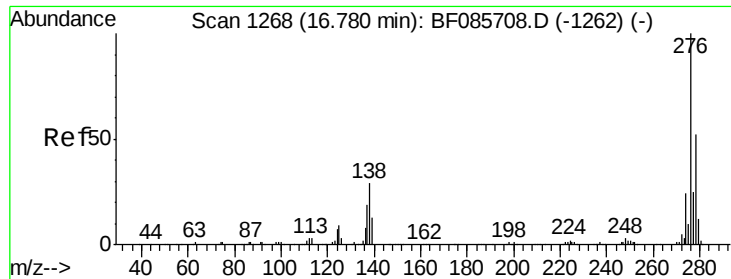


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

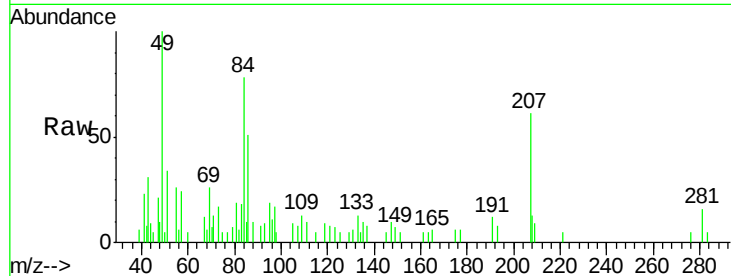




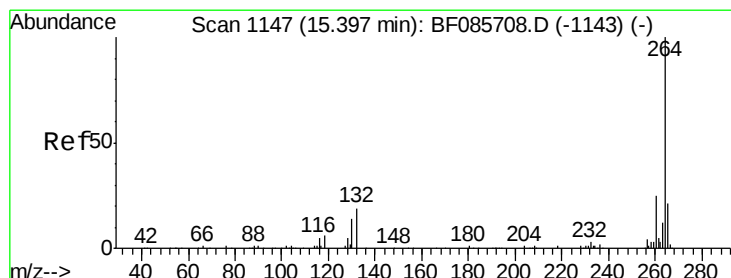
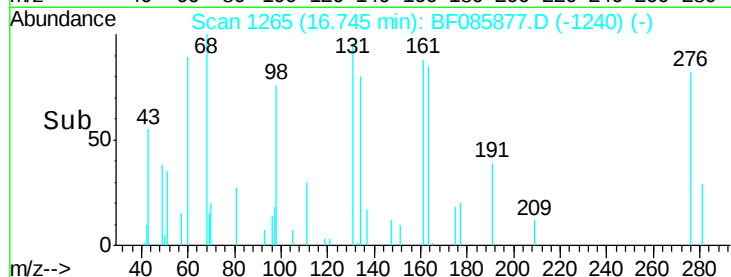
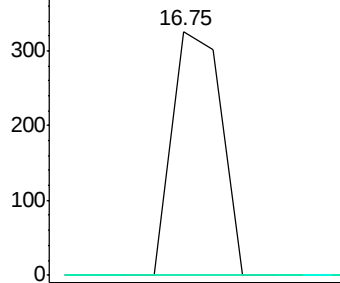
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 15.04 ng
 RT: 16.75 min Scan# 1265
 Delta R.T. -0.01 min
 Lab File: BF085877.D
 Acq: 30 Mar 2016 10:29

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion: 276 Resp: 431
 Ion Ratio Lower Upper
 276 100
 138 0.0 24.2 36.4#
 277 0.0 20.0 30.0#

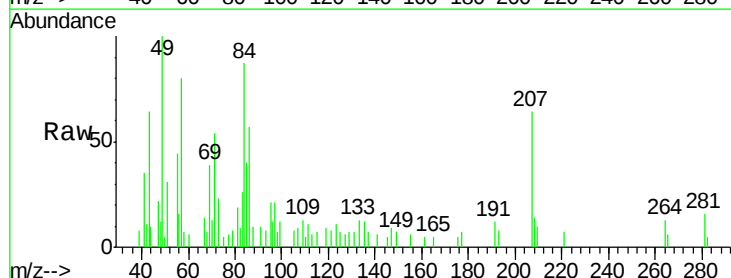


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

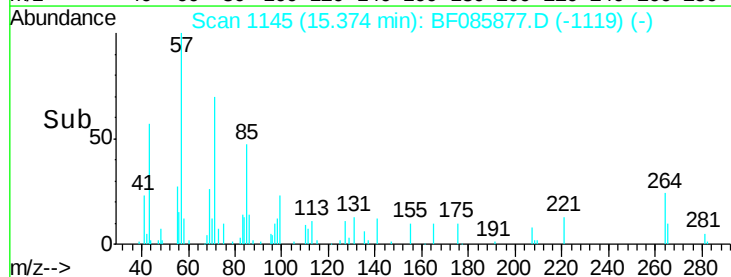
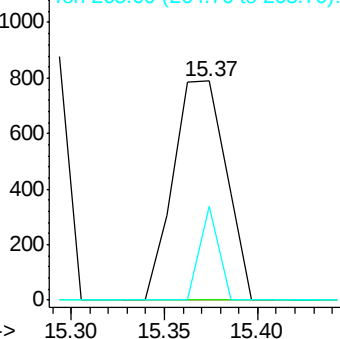


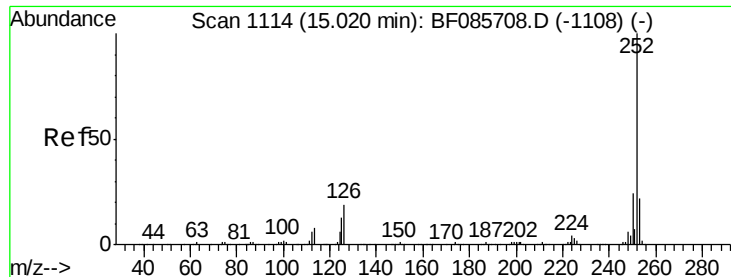
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1145
 Delta R.T. -0.00 min
 Lab File: BF085877.D
 Acq: 30 Mar 2016 10:29

Tgt Ion: 264 Resp: 1555
 Ion Ratio Lower Upper
 264 100
 260 0.0 19.4 29.2#
 265 43.0 17.2 25.8#



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

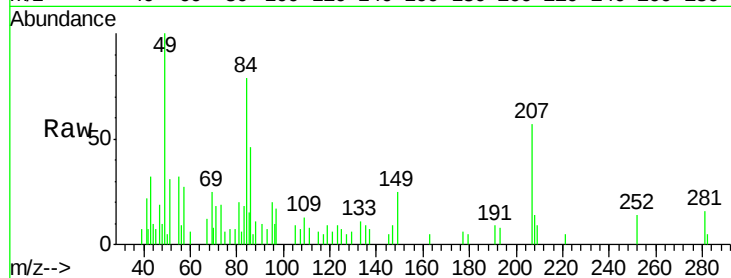




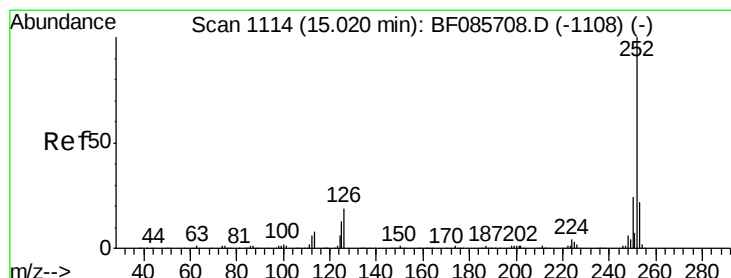
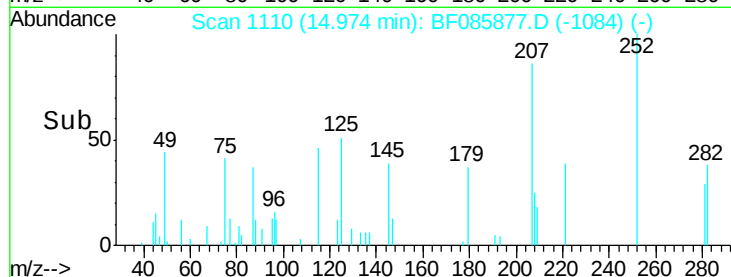
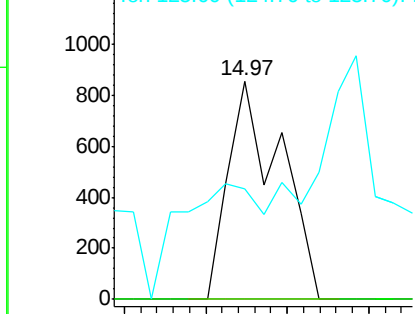
#87
Benzo(b)fluoranthene
Concen: 19.23 ng
RT: 14.97 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BF085877.D
Acq: 30 Mar 2016 10:29

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:252 Resp: 1884
Ion Ratio Lower Upper
252 100
253 0.0 17.6 26.4#
125 50.7 10.3 15.5#

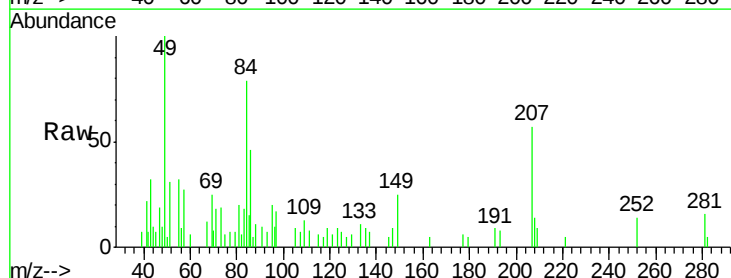


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

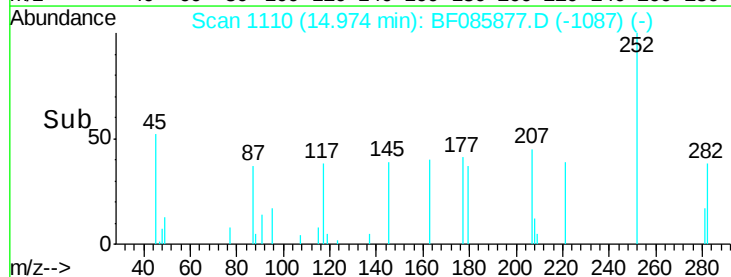
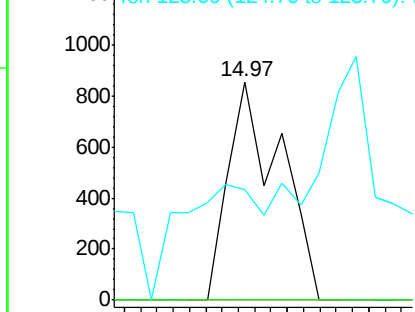


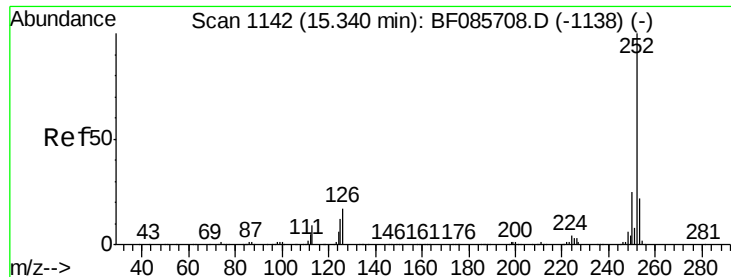
#88
Benzo(k)fluoranthene
Concen: 21.33 ng
RT: 14.97 min Scan# 1110
Delta R.T. -0.03 min
Lab File: BF085877.D
Acq: 30 Mar 2016 10:29

Tgt Ion:252 Resp: 1884
Ion Ratio Lower Upper
252 100
253 0.0 17.8 26.6#
125 50.7 7.7 11.5#



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





#89

Benzo(a)pyrene

Concen: 3.22 ng

RT: 15.32 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BF085877.D

Acq: 30 Mar 2016 10:29

Instrument :

BNA_F

ClientSampleId :

DFTPP

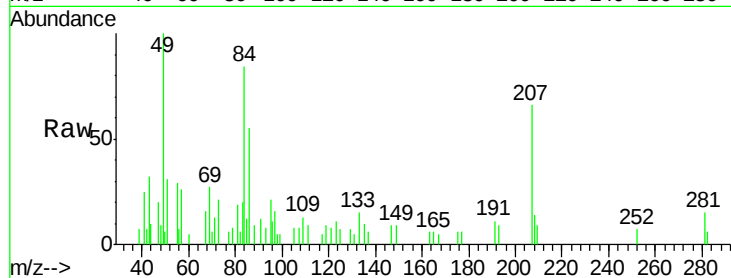
Tgt Ion:252 Resp: 280

Ion Ratio Lower Upper

252 100

253 0.0 17.4 26.0#

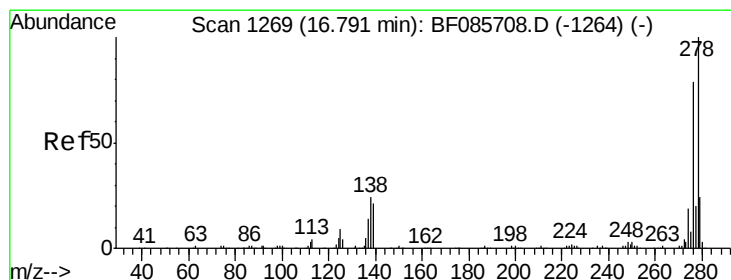
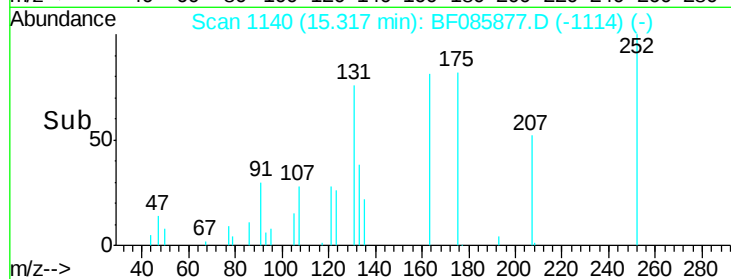
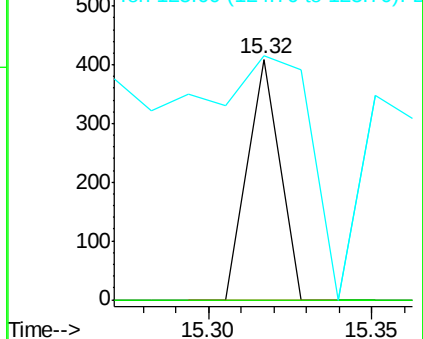
125 101.5 10.3 15.5#



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



#90

Dibenzo(a,h)anthracene

Concen: 2.55 ng

RT: 16.77 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BF085877.D

Acq: 30 Mar 2016 10:29

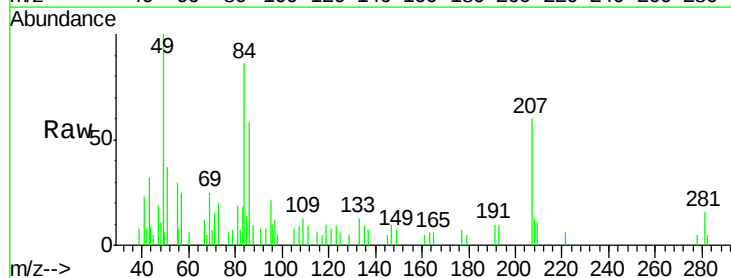
Tgt Ion:278 Resp: 206

Ion Ratio Lower Upper

278 100

139 0.0 14.4 21.6#

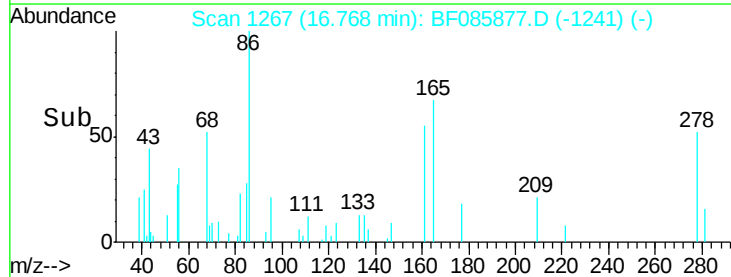
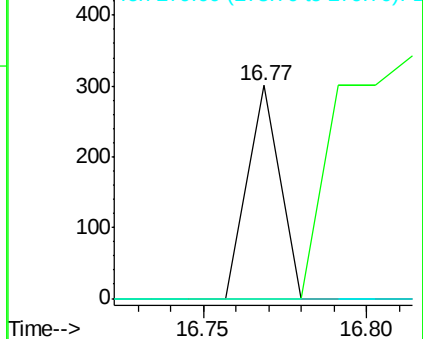
279 0.0 19.1 28.7#

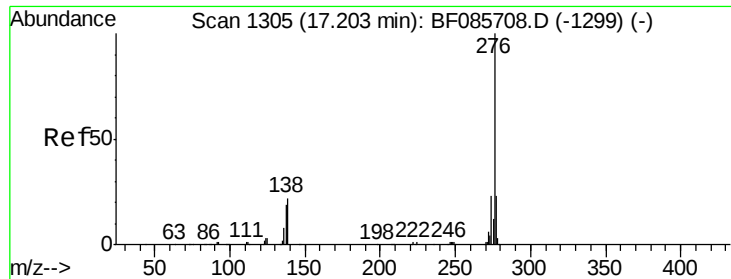


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 13.00 ng

RT: 17.17 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BF085877.D

Acq: 30 Mar 2016 10:29

Instrument :

BNA_F

ClientSampleId :

DFTPP

Tgt Ion: 276 Resp: 1064

Ion Ratio Lower Upper

276 100

277 62.8 18.8 28.2#

138 70.7 22.6 34.0#

