

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071516\
 Data File : BF089040.D
 Acq On : 16 Jul 2016 4:34
 Operator : UM/SJ
 Sample : H4048-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-COMP

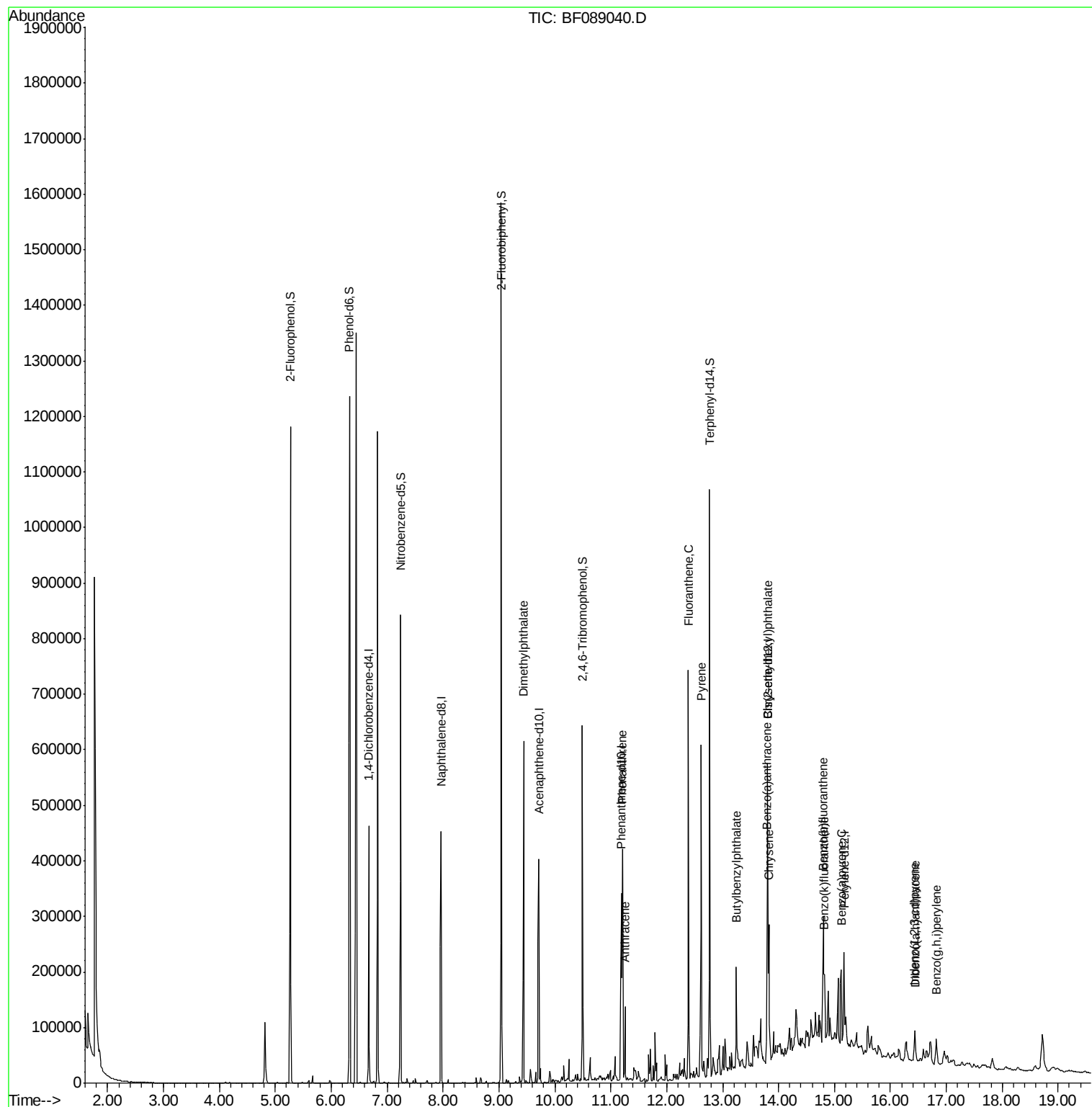
Quant Time: Jul 16 04:58:55 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

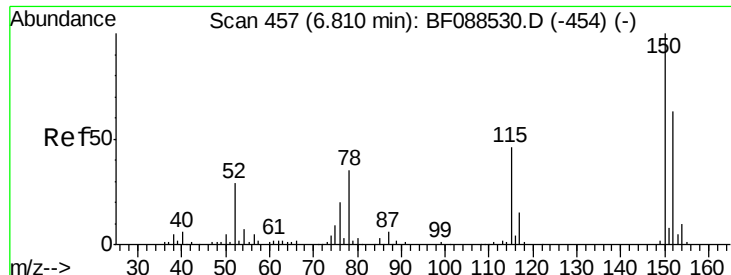
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	60182	20.00	ng	-0.03
21) Naphthalene-d8	7.96	136	241751	20.00	ng	-0.03
38) Acenaphthene-d10	9.71	164	96628	20.00	ng	-0.03
63) Phenanthrene-d10	11.19	188	150333	20.00	ng	-0.03
75) Chrysene-d12	13.81	240	111892	20.00	ng	-0.05
86) Perylene-d12	15.18	264	85105	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	313212	78.00	ng	-0.02
7) Phenol-d6	6.33	99	465886	89.79	ng	-0.02
23) Nitrobenzene-d5	7.24	82	300984	65.24	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	55161	61.47	ng	-0.05
44) 2-Fluorobiphenyl	9.04	172	432458	70.69	ng	-0.03
78) Terphenyl-d14	12.77	244	278014	55.34	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	9.44	163	247279	35.92	ng	99

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.67 min Scan# 445

Delta R.T. -0.03 min

Lab File: BF089040.D

Acq: 16 Jul 2016 4:34

Instrument :

BNA_F

ClientSampleId :

SB-08-COMP

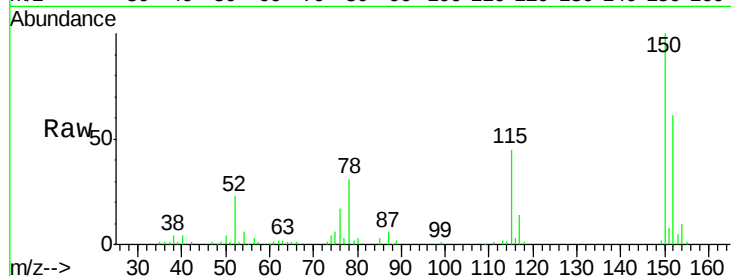
Tot Ion:152 Resp: 60182

Ion Ratio Lower Upper

152 100

150 163.2 123.8 185.6

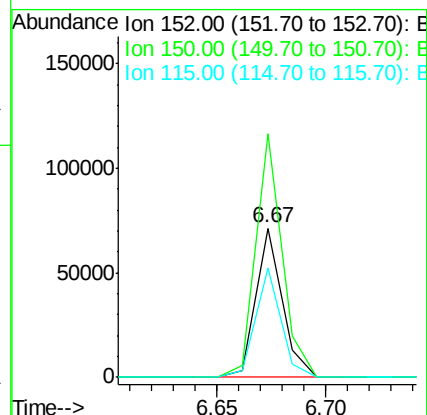
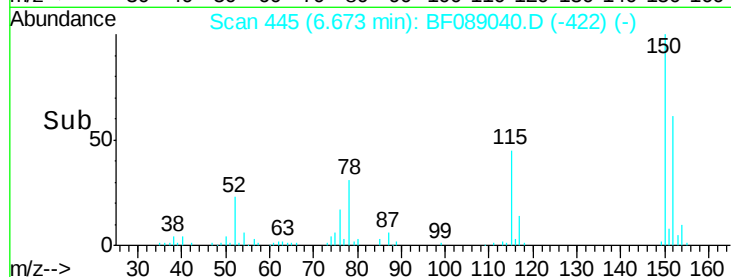
115 73.2 39.6 59.4#



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





#7

Phenol-d6

Concen: 89.79 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF089040.D

Acq: 16 Jul 2016 4:34

Instrument :

BNA_F

ClientSampleId :

SB-08-COMP

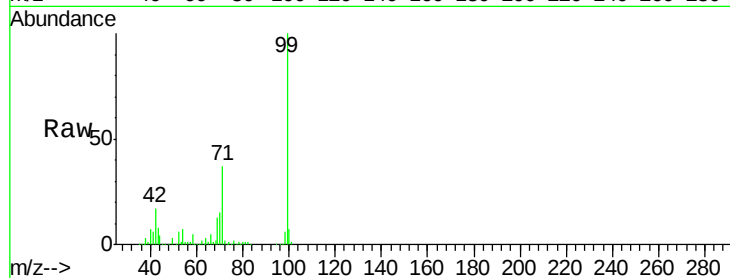
Tot Ion: 99 Resp: 465886

Ion Ratio Lower Upper

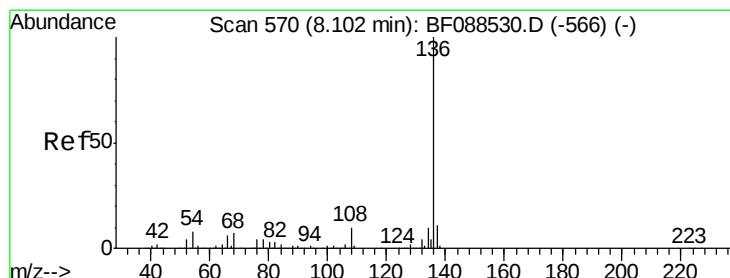
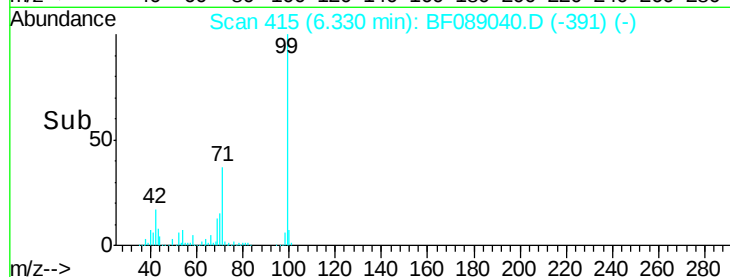
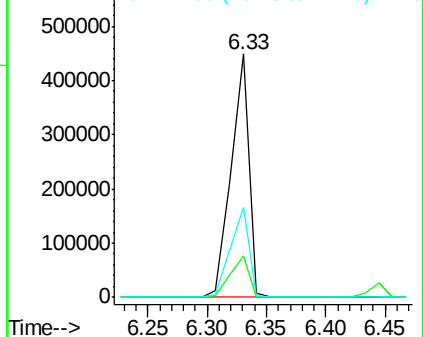
99 100

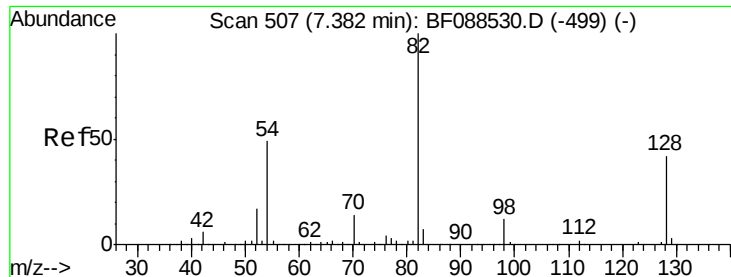
42 17.2 12.2 18.2

71 37.2 23.4 35.0#



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

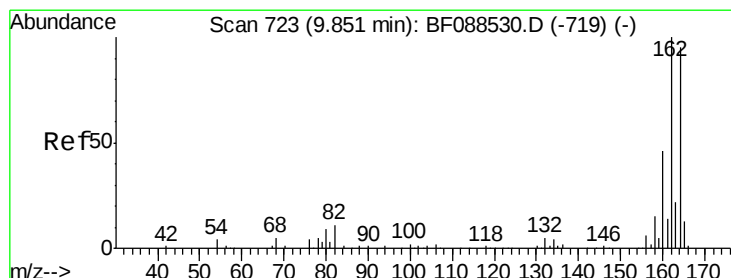
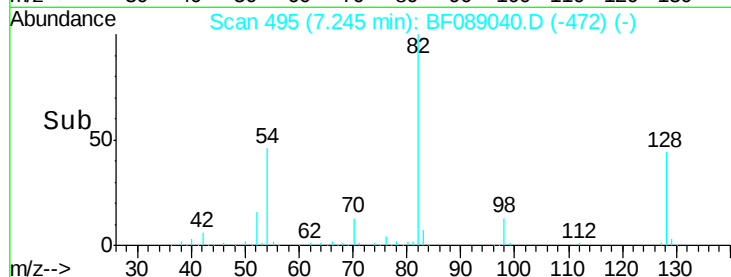
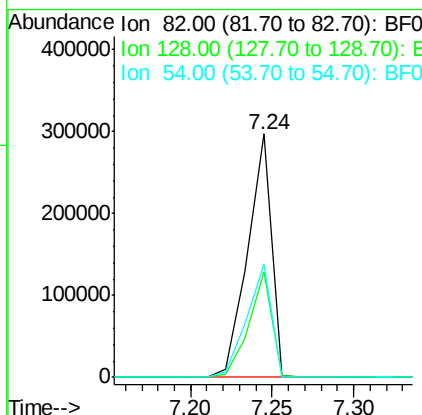
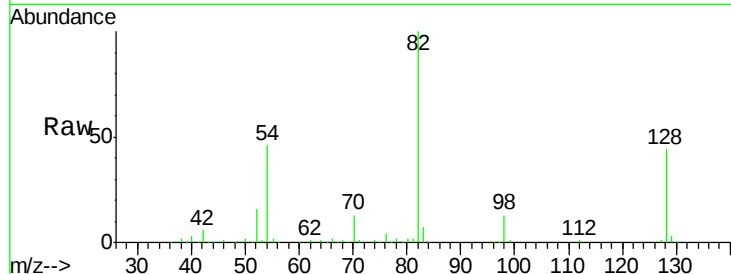




#23
 Nitrobenzene-d5
 Concen: 65.24 ng
 RT: 7.24 min Scan# 495
 Delta R.T. -0.03 min
 Lab File: BF089040.D
 Acq: 16 Jul 2016 4:34

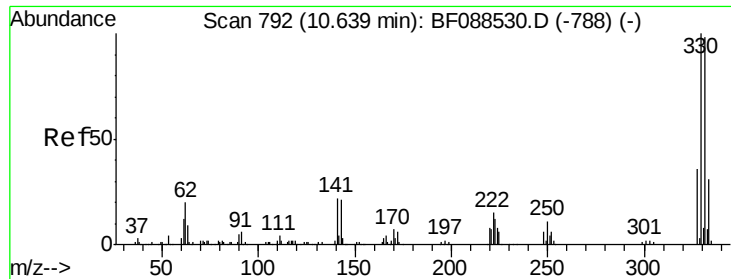
Instrument :
 BNA_F
 ClientSampleId :
 SB-08-COMP

Tot Ion	82	Resp	300984
Ion Ratio	Lower	Upper	
82	100		
128	43.5	35.9	53.9
54	46.4	40.9	61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.71 min Scan# 711
 Delta R.T. -0.03 min
 Lab File: BF089040.D
 Acq: 16 Jul 2016 4:34

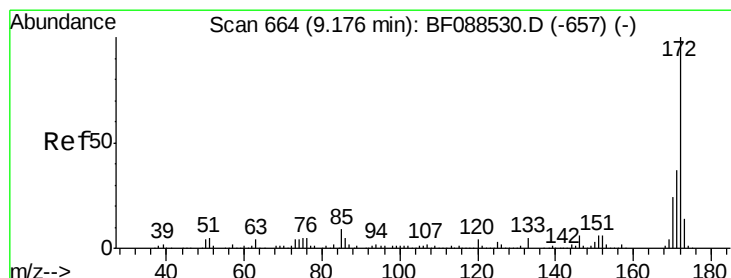
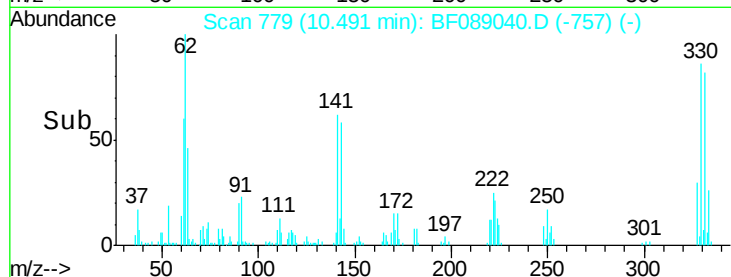
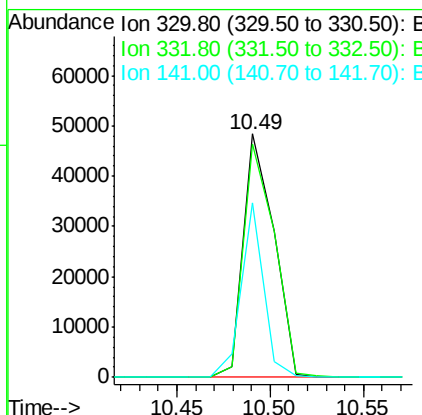
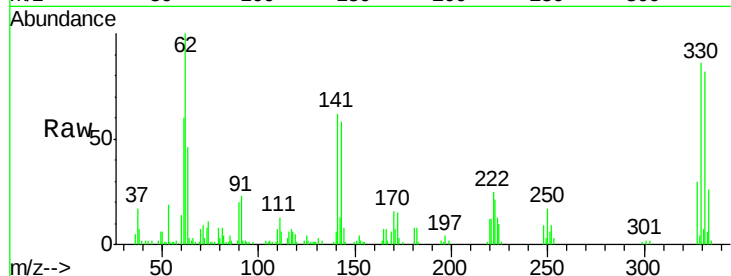
Tgt Ion	164	Resp	96628
Ion Ratio	Lower		



#41
 2,4,6-Tribromophenol
 Concen: 61.47 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.05 min
 Lab File: BF089040.D
 Acq: 16 Jul 2016 4:34

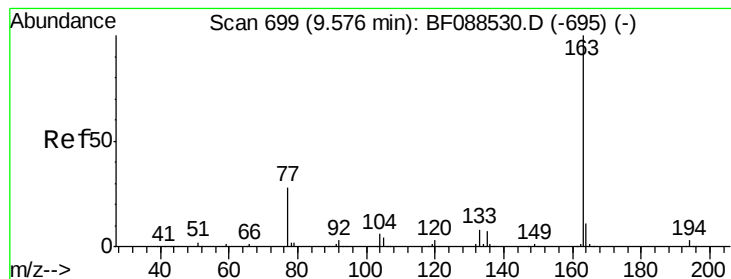
Instrument :
 BNA_F
 ClientSampleId :
 SB-08-COMP

Tot Ion:330 Resp: 55161
 Ion Ratio Lower Upper
 330 100
 332 97.7 0.0 0.0#
 141 53.4 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 70.69 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.03 min
 Lab File: BF089040.D
 Acq: 16 Jul 2016 4:34

Tgt Ion:172 Resp: 432458
 Ion Ratio Lower Upper
 172 100



#49

Dimethylphthalate

Concen: 35.92 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.05 min

Lab File: BF089040.D

Acq: 16 Jul 2016 4:34

Instrument :

BNA_F

ClientSampleId :

SB-08-COMP

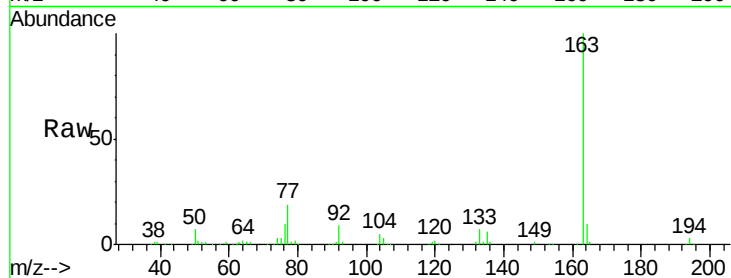
Tot Ion:163 Resp: 247279

Ion Ratio Lower Upper

163 100

194 3.4 2.8 4.2

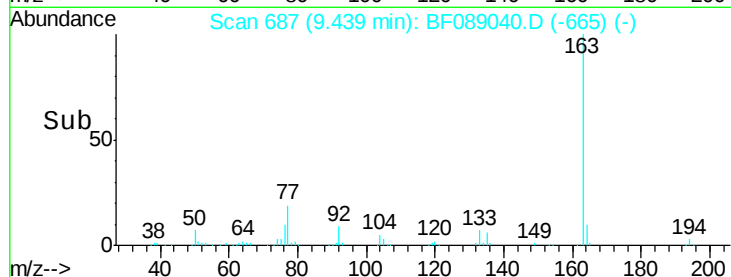
164 9.9 8.3 12.5

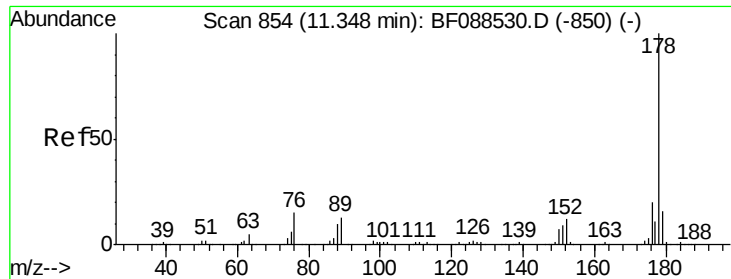


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

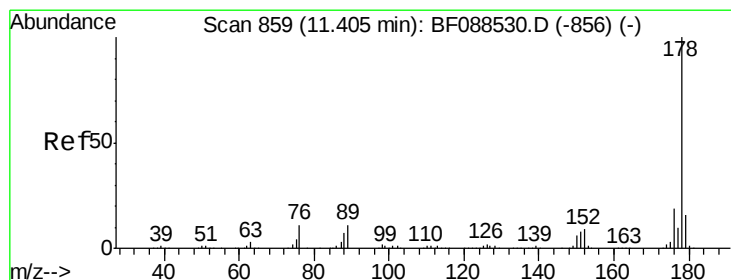
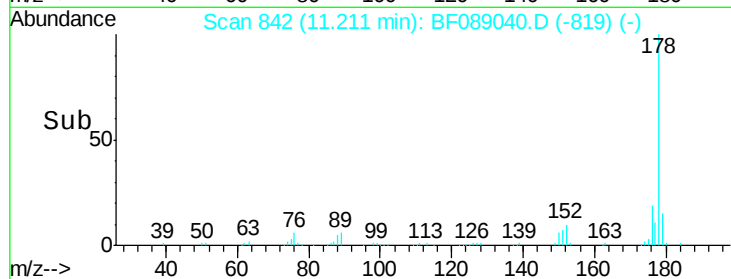
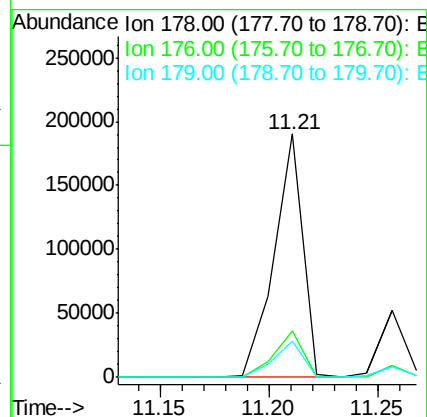
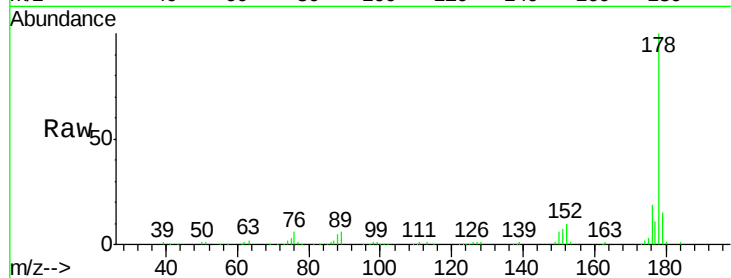




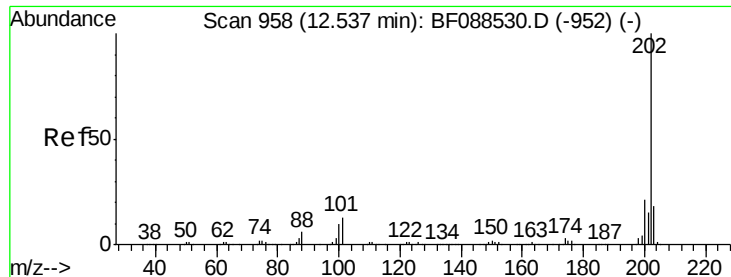
#70
Phenanthrene
Concen: 21.52 ng
RT: 11.21 min Scan# 842
Delta R.T. -0.03 min
Lab File: BF089040.D
Acq: 16 Jul 2016 4:34

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

Tot Ion:178 Resp: 176870
Ion Ratio Lower Upper
178 100
176 18.9 15.8 23.6
179 14.8 13.0 19.4



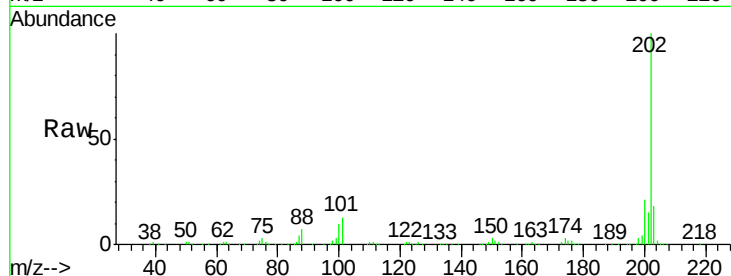
#71
Anthracene
Concen: 5.35 ng
RT: 11.26 min Scan# 846
Delta R.T. -0.05 min
Lab File: BF089040.D
Acq: 16 Jul 2016 4:34



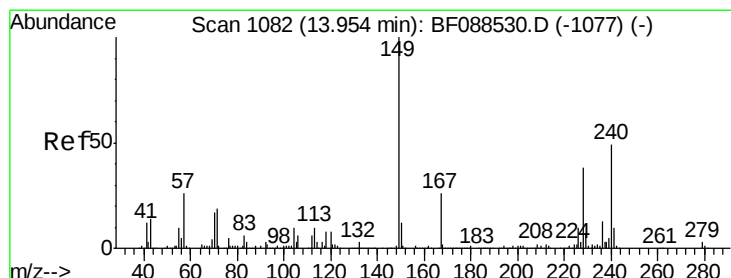
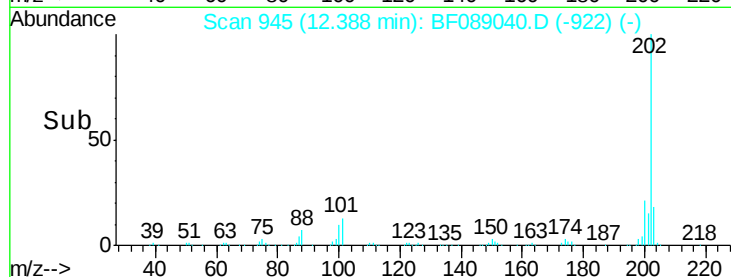
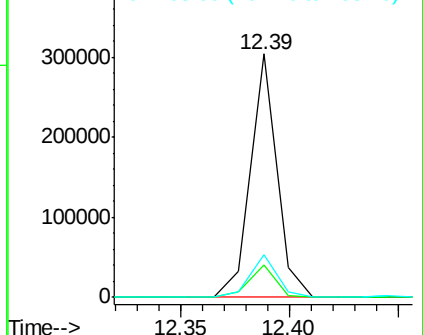
#74
Fluoranthene
Concen: 31.08 ng
RT: 12.39 min Scan# 945
Delta R.T. -0.03 min
Lab File: BF089040.D
Acq: 16 Jul 2016 4:34

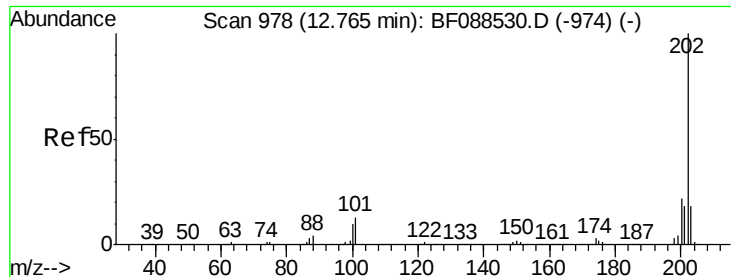
Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	33.1
203	17.6	0.0	38.1



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

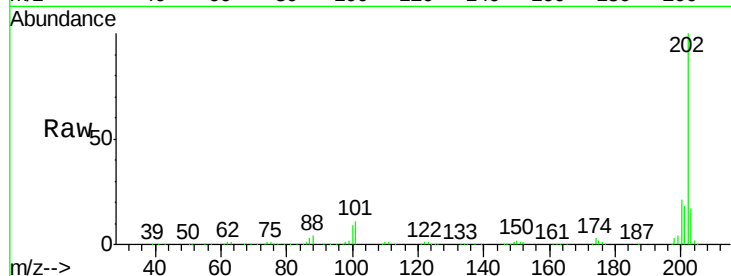




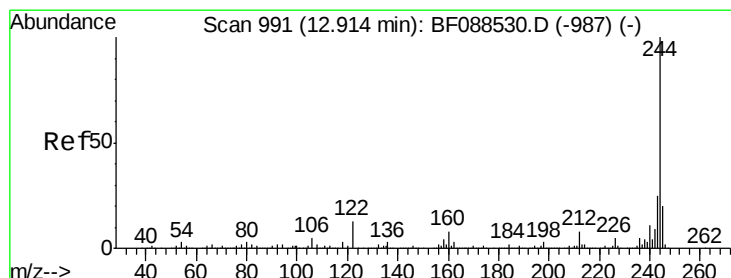
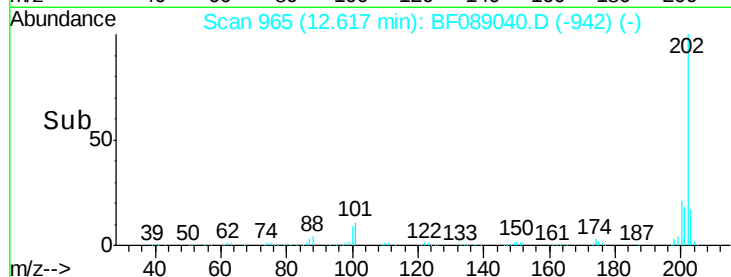
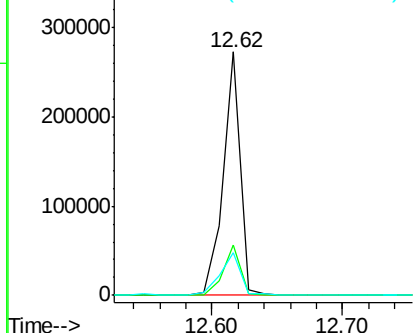
#77
Pvrene
Concen: 26.31 ng
RT: 12.62 min Scan# 965
Delta R.T. -0.03 min
Lab File: BF089040.D
Acq: 16 Jul 2016 4:34

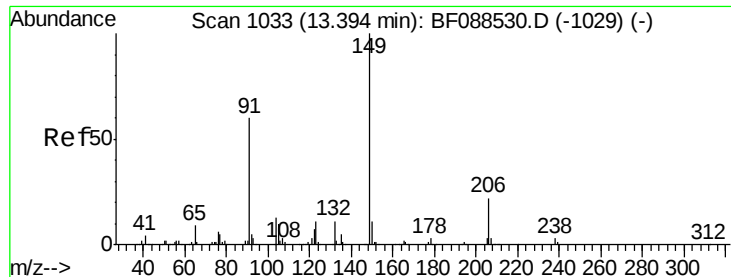
Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.2
203	17.3	14.5	21.7



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





#79

Butylbenzylphthalate

Concen: 8.33 ng

RT: 13.25 min Scan# 1020

Delta R.T. -0.03 min

Lab File: BF089040.D

Acq: 16 Jul 2016 4:34

Instrument :

BNA_F

ClientSampleId :

SB-08-COMP

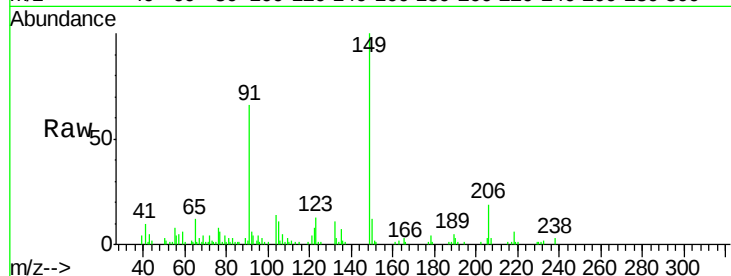
Tot Ion:149 Resp: 35241

Ion Ratio Lower Upper

149 100

91 66.0 48.0 72.0

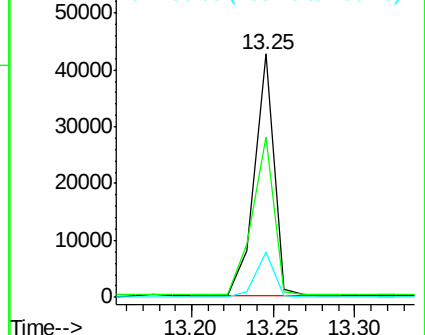
206 18.7 16.0 24.0

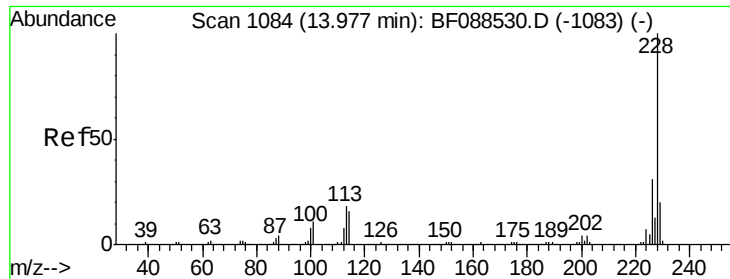


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

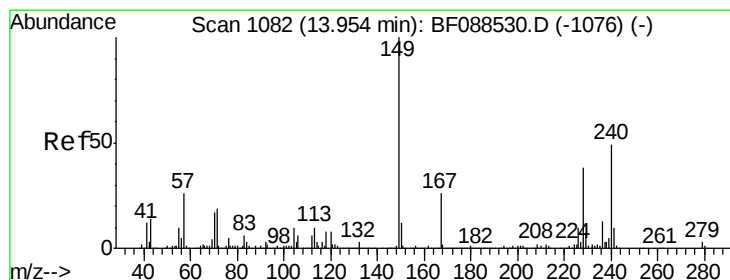
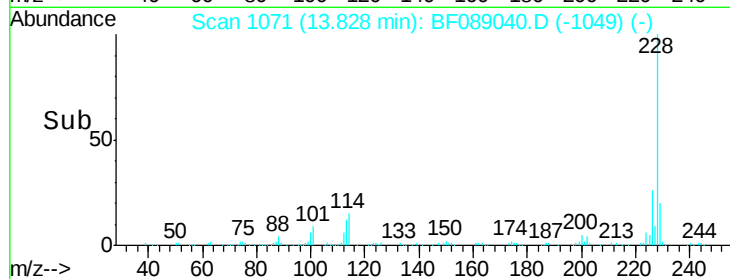
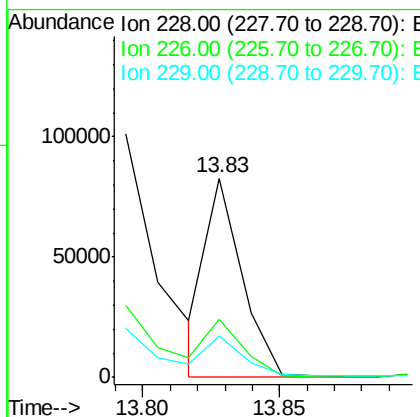
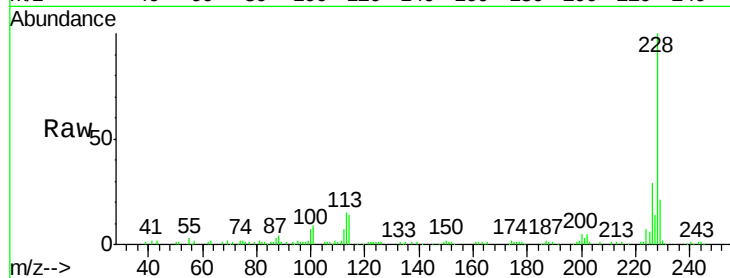




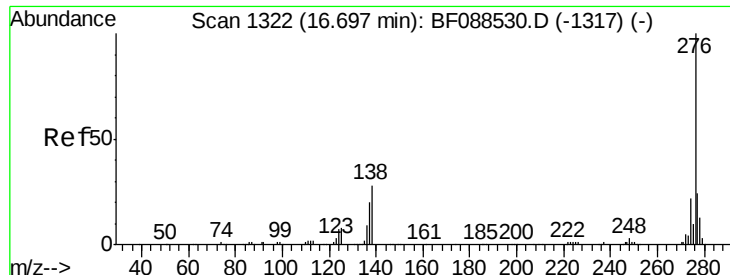
#82
 Chrvsene
 Concen: 10.79 ng/ml
 RT: 13.83 min Scan# 1071
 Delta R.T. -0.05 min
 Lab File: BF089040.D
 Acq: 16 Jul 2016 4:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-COMP

Tot Ion: 228 Resp: 76923
 Ion Ratio Lower Upper
 228 100
 226 28.8 25.4 38.2
 229 20.6 16.3 24.5



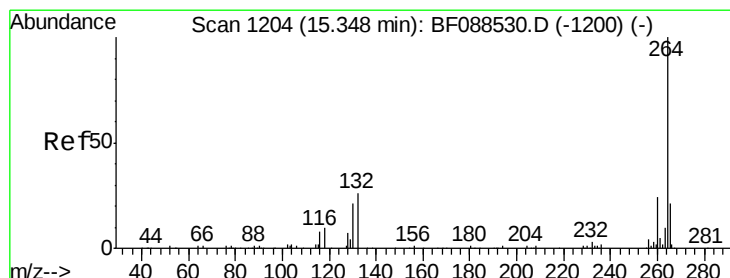
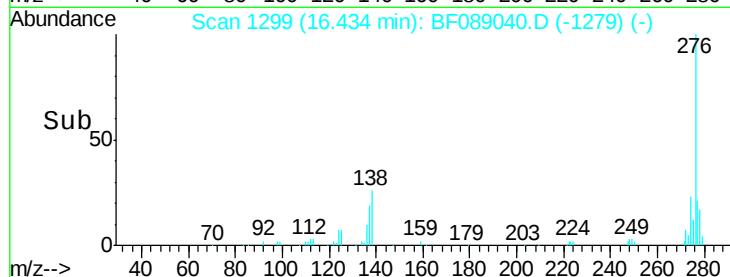
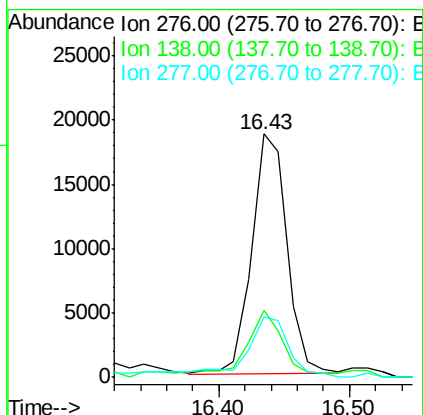
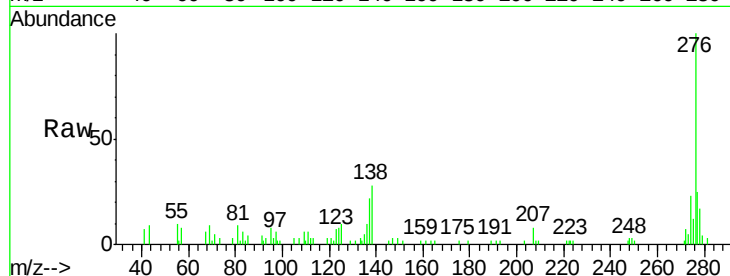
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.05 ng



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 6.37 ng
 RT: 16.43 min Scan# 1299
 Delta R.T. -0.07 min
 Lab File: BF089040.D
 Acq: 16 Jul 2016 4:34

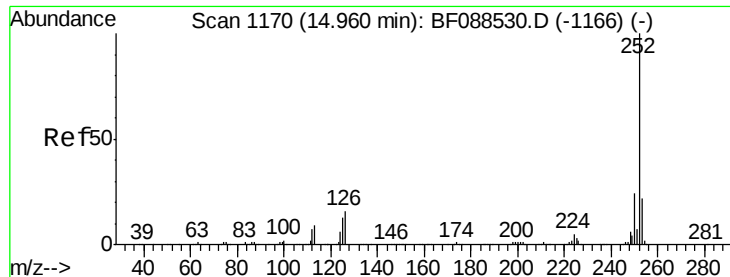
Instrument :
 BNA_F
 ClientSampleId :
 SB-08-COMP

Tot Ion:276 Resp: 34945
 Ion Ratio Lower Upper
 276 100
 138 30.6 0.0 0.0#
 277 33.2 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.18 min Scan# 1189
 Delta R.T. -0.03 min
 Lab File: BF089040.D
 Acq: 16 Jul 2016 4:34

Tgt Ion:264 Resp: 85105
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 22.0 16.9



#87

Benzo(b)fluoranthene

Concen: 19.38 ng m

RT: 14.80 min Scan# 1156

Delta R.T. -0.03 min

Lab File: BF089040.D

Acq: 16 Jul 2016 4:34

Instrument :

BNA_F

ClientSampleId :

SB-08-COMP

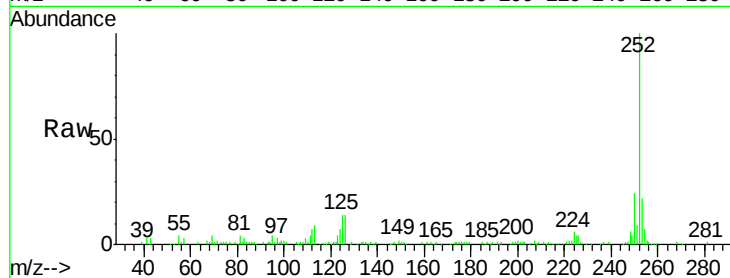
Tot Ion:252 Resp: 103460

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

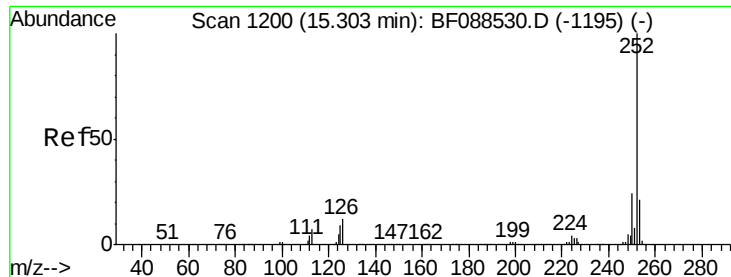
125 13.6 7.1 10.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

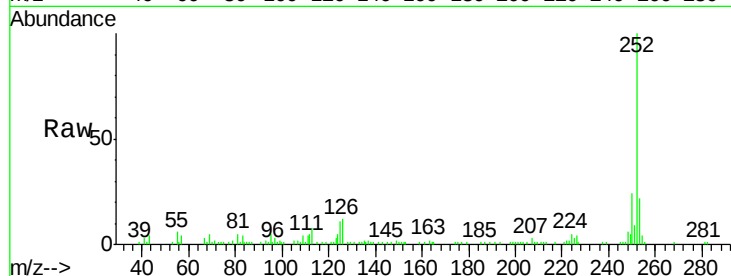
Ion 12



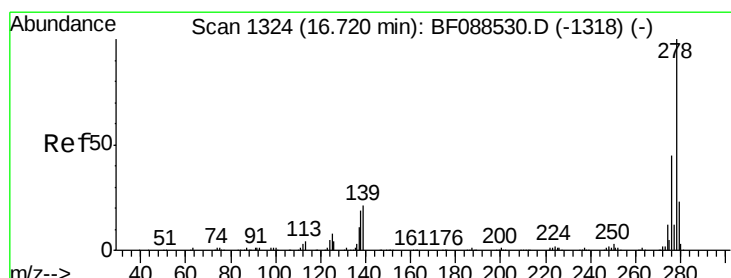
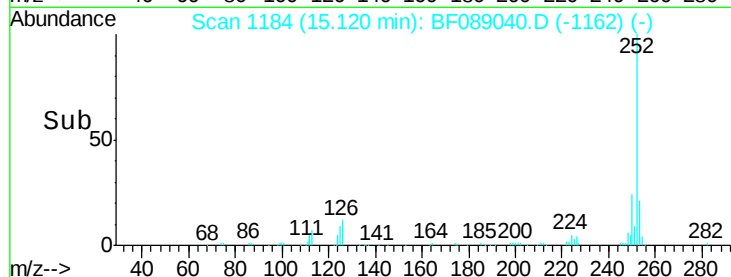
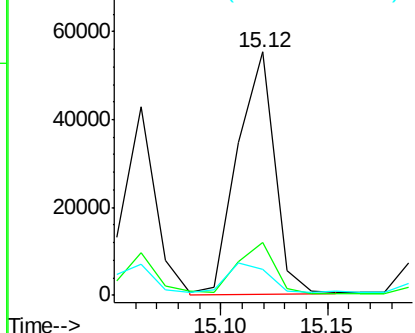
#89
Benzo(a)pyrene
Concen: 14.89 ng m
RT: 15.12 min Scan# 1184
Delta R.T. -0.05 min
Lab File: BF089040.D
Acq: 16 Jul 2016 4:34

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

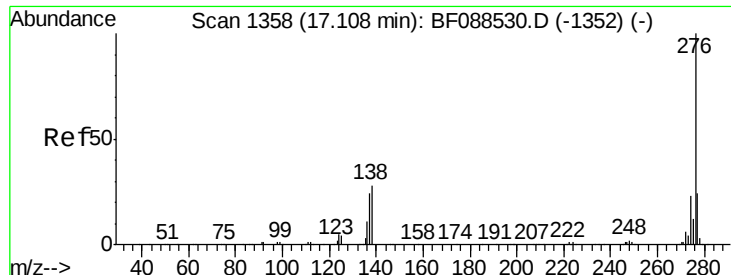
Tot Ion:252 Resp: 67288
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 10.8 12.5 18.7#



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: 3.54 ng
RT: 16.45 min Scan# 1300
Delta R.T. -0.07 min
Lab File: BF089040.D
Acq: 16 Jul



#91

Benzo(a,h,i)perylene

Concen: 8.56 ng

RT: 16.82 min Scan# 1333

Delta R.T. -0.07 min

Lab File: BF089040.D

Acq: 16 Jul 2016 4:34

Instrument :

BNA_F

ClientSampleId :

SB-08-COMP

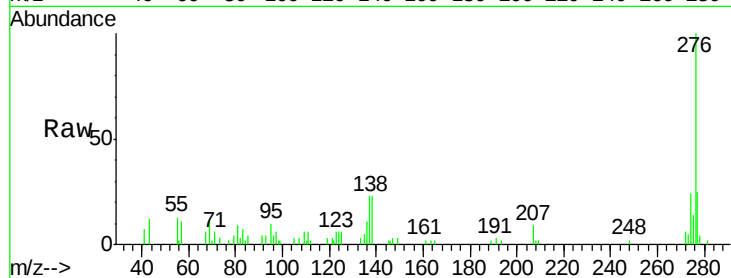
Tot Ion: 276 Resp: 33443

Ion Ratio Lower Upper

276 100

277 25.1 18.9 28.3

138 23.3 21.4 32.2



Abundance Ion 276.00 (275.70 to 276.70): E