

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
 Data File : BF085840.D
 Acq On : 29 Mar 2016 9:24
 Operator : UM/SJ
 Sample : H1834-06
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 9

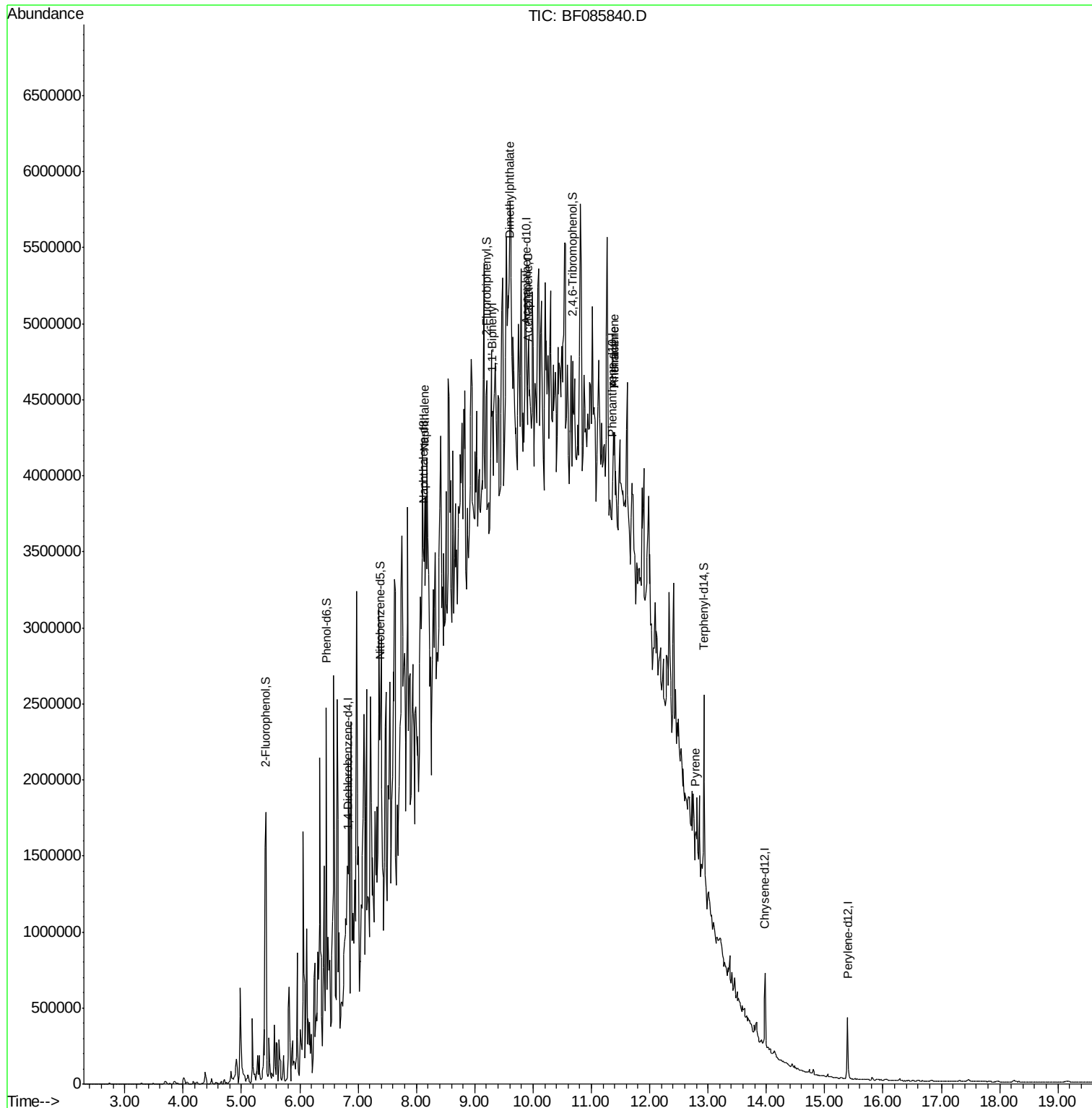
Quant Time: Mar 29 11:37:35 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 15:27:05 2016
 Response via : Initial Calibration

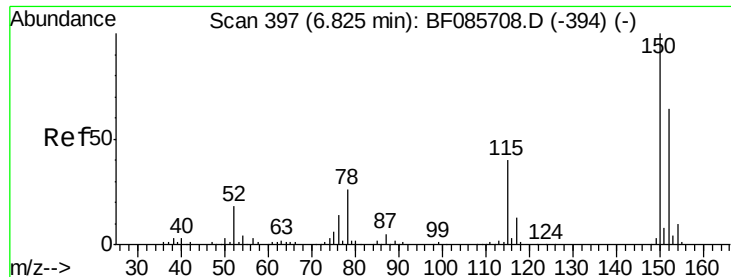
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	106439	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	299102	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	112571	20.00	ng	0.02
63) Phenanthrene-d10	11.36	188	208918	20.00	ng	0.01
75) Chrysene-d12	13.98	240	208827	20.00	ng	0.00
86) Perylene-d12	15.40	264	216117	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	770647	120.58	ng	0.01
7) Phenol-d6	6.46	99	959036	118.02	ng	0.00
23) Nitrobenzene-d5	7.38	82	523348	98.53	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	135402	126.60	ng	0.02
44) 2-Fluorobiphenyl	9.20	172	677669	100.58	ng	0.01
78) Terphenyl-d14	12.93	244	518323	51.05	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.14	128	547611	36.33	ng	# 88
45) 1,1'-Biphenyl	9.29	154	53521	5.63	ng	92
49) Dimethylphthalate	9.59	163	107520	12.59	ng	# 61
51) Acenaphthene	9.91	154	61202	8.80	ng	# 79
70) Phenanthrene	11.40	178	407469	37.98	ng	# 91
71) Anthracene	11.40	178	407469	36.18	ng	# 91
77) Pyrene	12.79	202	110667	6.45	ng	# 92

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

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ALS Vial  : 43    Sample Multiplier: 1
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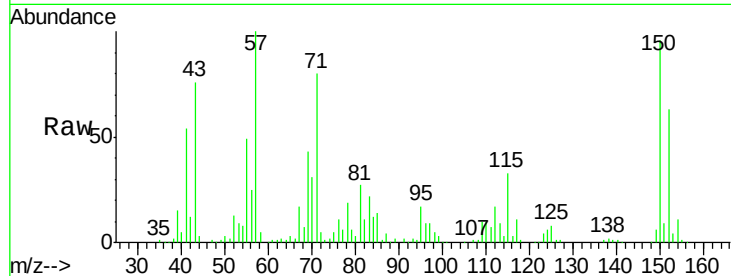


#1

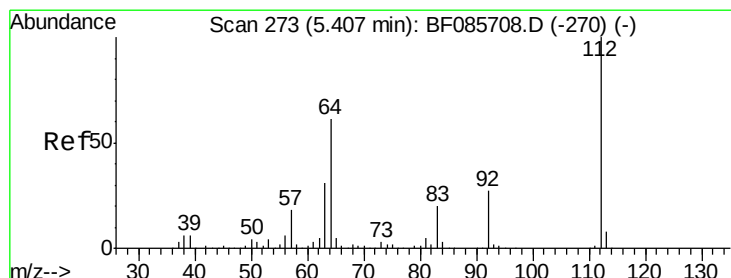
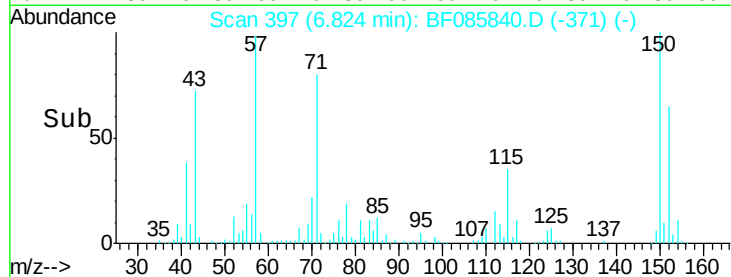
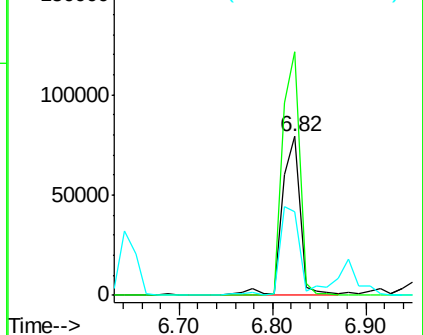
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 397
Delta R.T. -0.00 min
Lab File: BF085840.D
Acq: 29 Mar 2016 9:24

Instrument :
BNA_F
ClientSampleId :
9

Tgt Ion:152 Resp: 106439
Ion Ratio Lower Upper
152 100
150 153.1 124.2 186.2
115 52.9 47.0 70.6



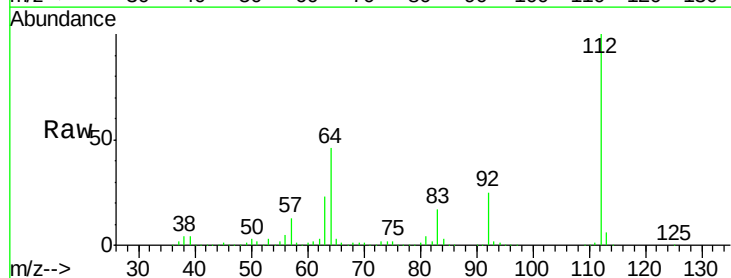
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



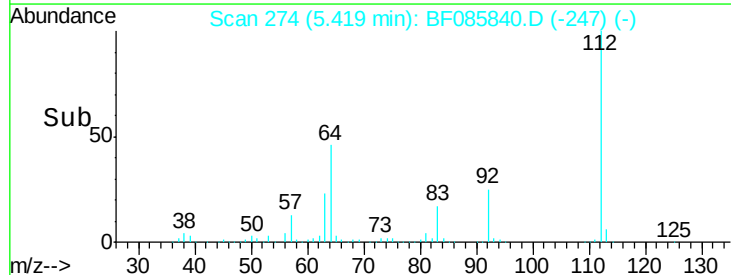
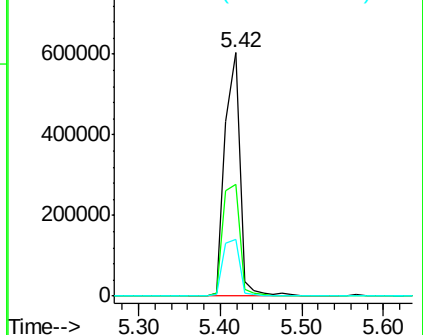
#5

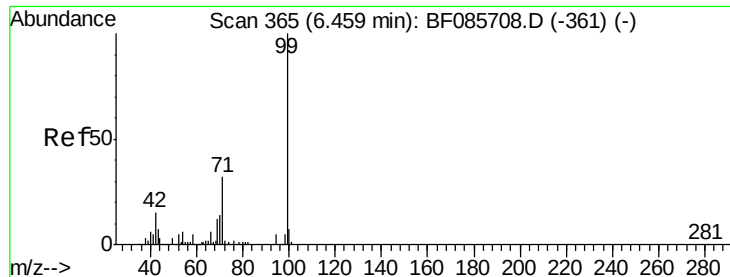
2-Fluorophenol
Concen: 120.58 ng
RT: 5.42 min Scan# 274
Delta R.T. 0.01 min
Lab File: BF085840.D
Acq: 29 Mar 2016 9:24

Tgt Ion:112 Resp: 770647
Ion Ratio Lower Upper
112 100
64 46.0 39.9 59.9
63 23.2 20.2 30.2



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: 118.02 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085840.D

Acq: 29 Mar 2016 9:24

Instrument :

BNA_F

ClientSampleId :

9

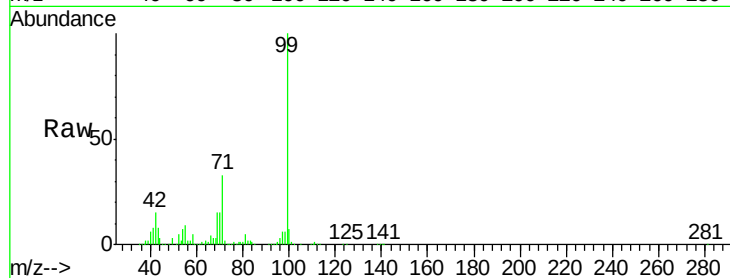
Tgt Ion: 99 Resp: 959036

Ion Ratio Lower Upper

99 100

42 14.7 11.1 16.7

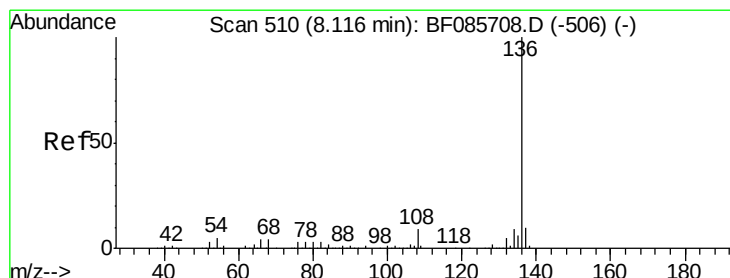
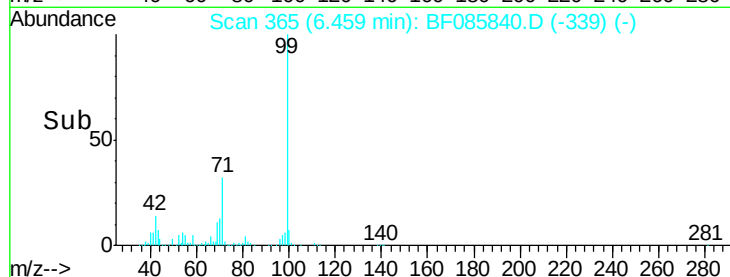
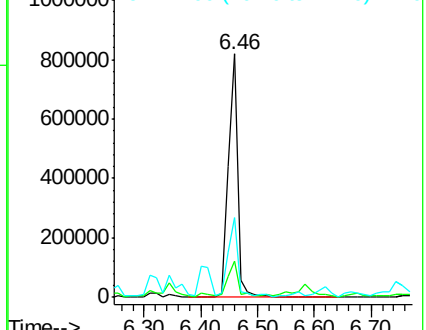
71 32.6 24.9 37.3



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: 8.12 min Scan# 510

Delta R.T. -0.00 min

Lab File: BF085840.D

Acq: 29 Mar 2016 9:24

Tgt Ion: 136 Resp: 299102

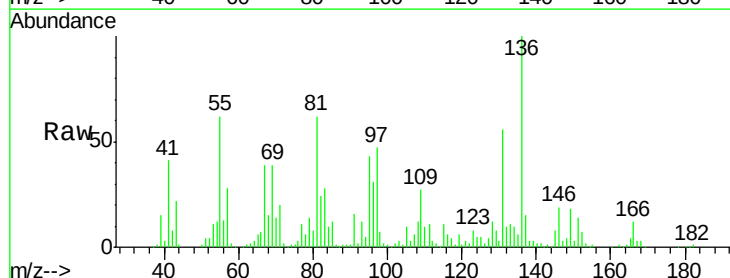
Ion Ratio Lower Upper

136 100

137 15.3 9.1 13.7#

54 11.9 7.4 11.0#

68 14.9 5.8 8.8#

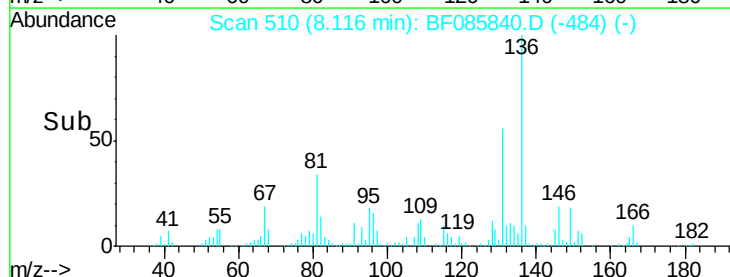
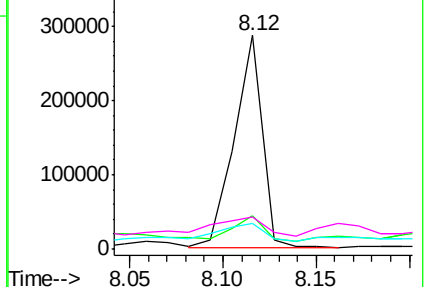


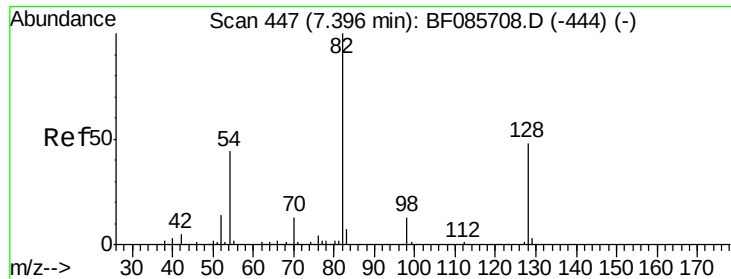
Abundance Ion 136.00 (135.70 to 136.70): E

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

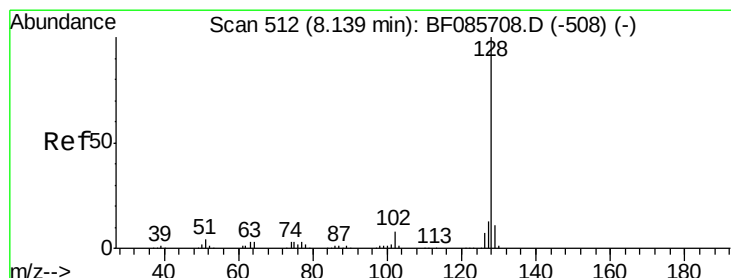
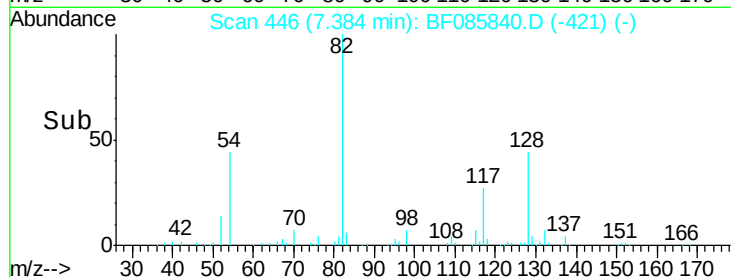
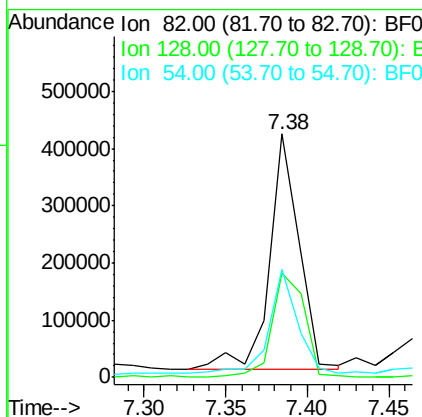
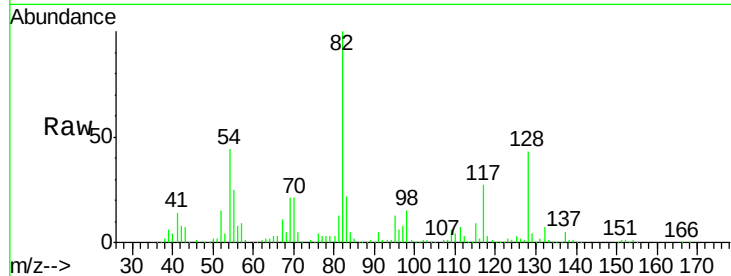




#23
Nitrobenzene-d5
Concen: 98.53 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF085840.D
Acq: 29 Mar 2016 9:24

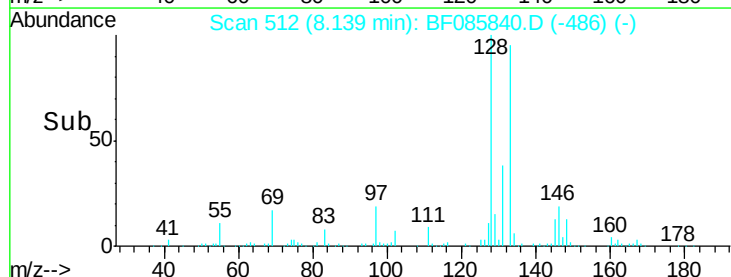
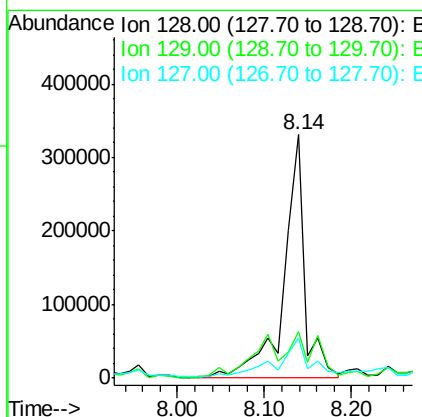
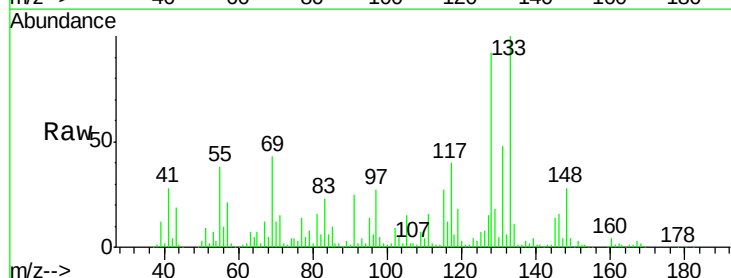
Instrument :
BNA_F
ClientSampled :
9

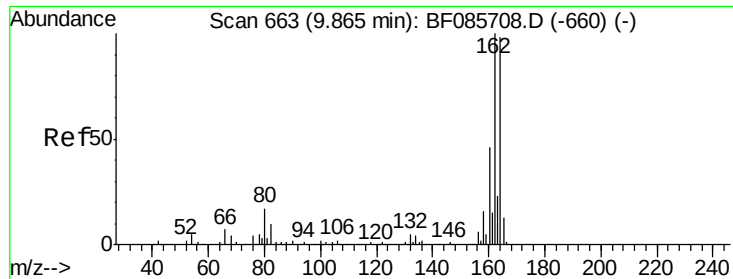
Tgt Ion: 82 Resp: 523348
Ion Ratio Lower Upper
82 100
128 42.5 41.8 62.8
54 44.5 33.4 50.0



#31
Naphthalene
Concen: 36.33 ng
RT: 8.14 min Scan# 512
Delta R.T. -0.00 min
Lab File: BF085840.D
Acq: 29 Mar 2016 9:24

Tgt Ion: 128 Resp: 547611
Ion Ratio Lower Upper
128 100
129 19.3 9.4 14.0#
127 16.3 11.0 16.6

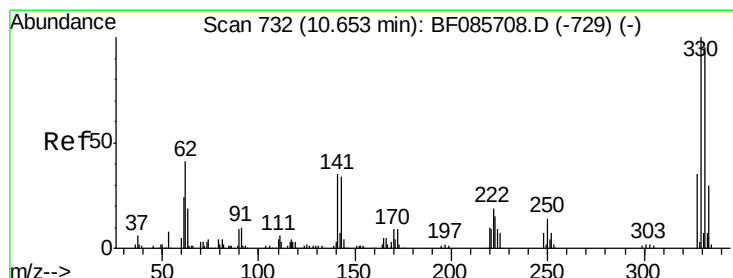
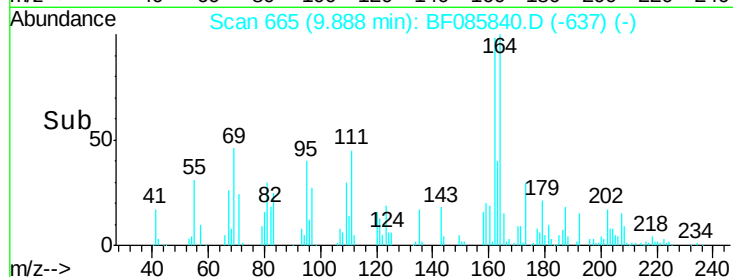
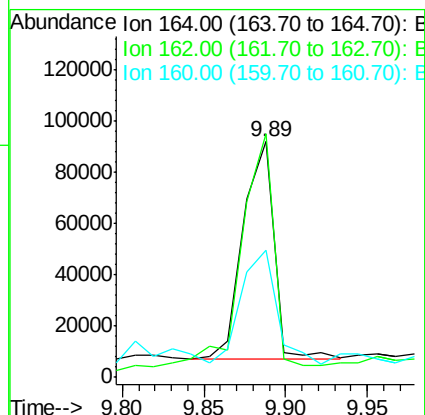
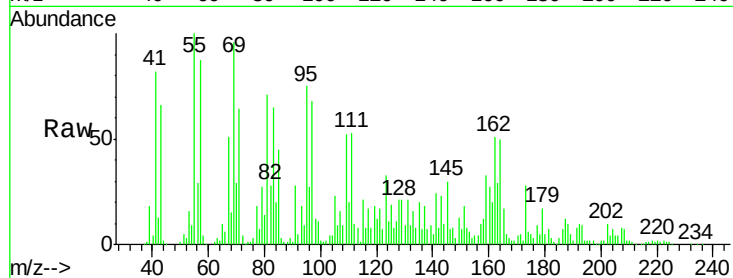




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 665
 Delta R.T. 0.02 min
 Lab File: BF085840.D
 Acq: 29 Mar 2016 9:24

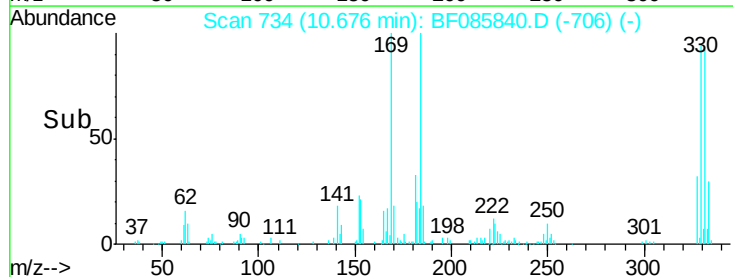
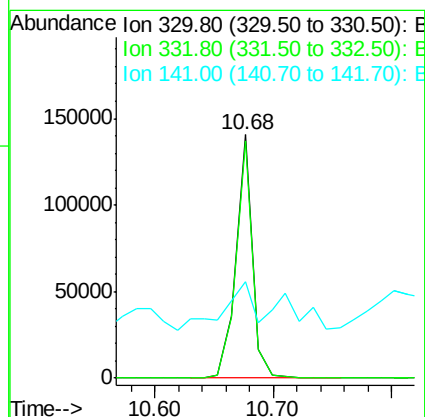
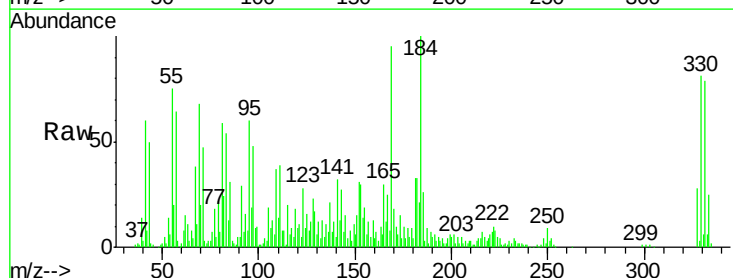
Instrument :
 BNA_F
 ClientSampleId :
 9

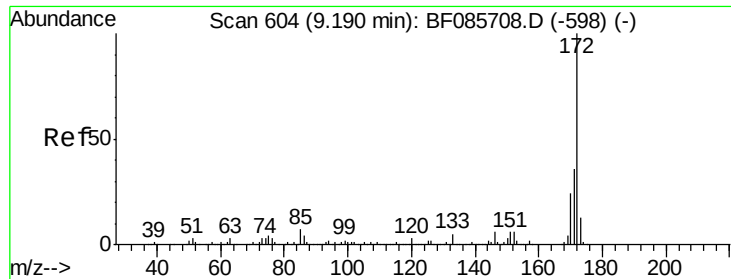
Tgt Ion:164 Resp: 112571
 Ion Ratio Lower Upper
 164 100
 162 103.3 82.1 123.1
 160 53.9 37.4 56.2



#41
 2,4,6-Tribromophenol
 Concen: 126.60 ng
 RT: 10.68 min Scan# 734
 Delta R.T. 0.02 min
 Lab File: BF085840.D
 Acq: 29 Mar 2016 9:24

Tgt Ion:330 Resp: 135402
 Ion Ratio Lower Upper
 330 100
 332 98.4 78.2 117.2
 141 40.0 31.5 47.3





#44

2-Fluorobiphenyl

Concen: 100.58 ng

RT: 9.20 min Scan# 605

Delta R.T. 0.01 min

Lab File: BF085840.D

Acq: 29 Mar 2016 9:24

Instrument :

BNA_F

ClientSampleId :

9

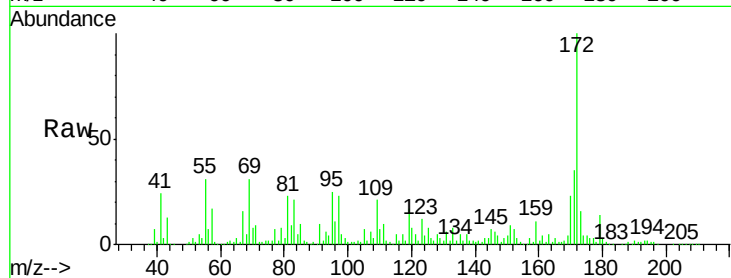
Tgt Ion:172 Resp: 677669

Ion Ratio Lower Upper

172 100

171 35.4 29.4 44.2

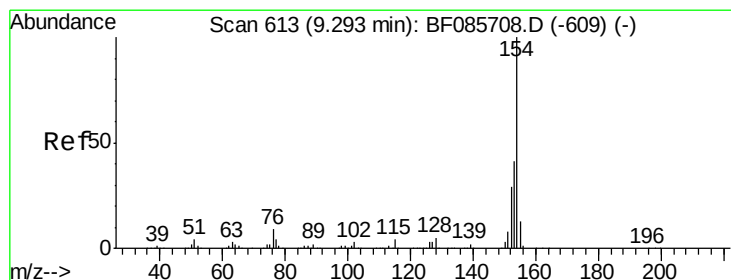
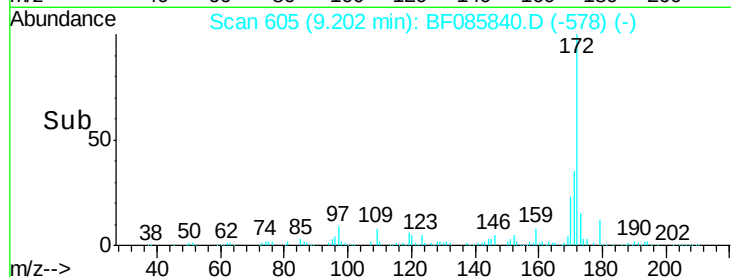
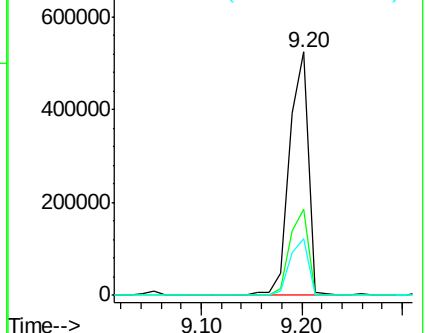
170 23.2 19.8 29.6



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



#45

1,1'-Biphenyl

Concen: 5.63 ng

RT: 9.29 min Scan# 613

Delta R.T. -0.00 min

Lab File: BF085840.D

Acq: 29 Mar 2016 9:24

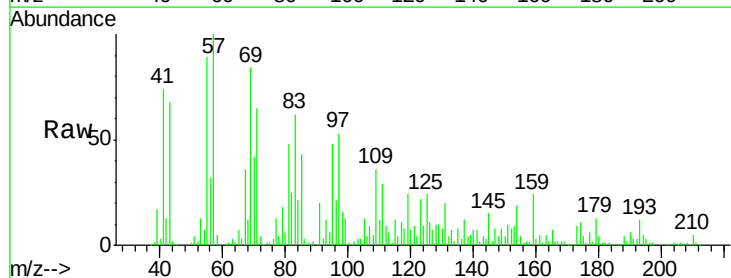
Tgt Ion:154 Resp: 53521

Ion Ratio Lower Upper

154 100

153 47.5 20.8 60.8

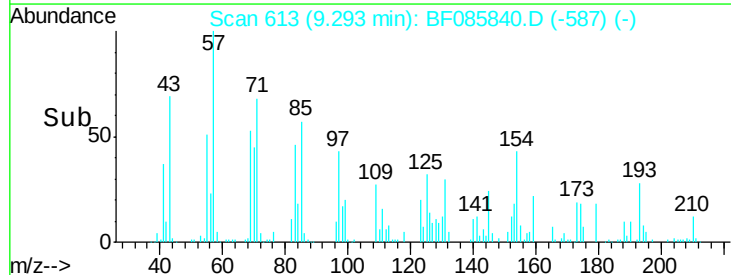
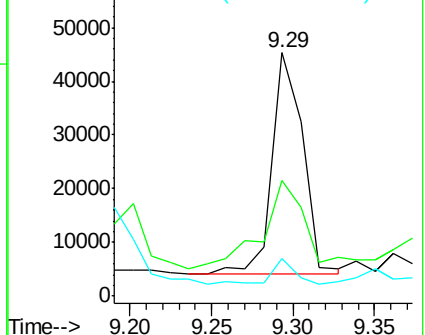
76 15.3 0.0 36.7

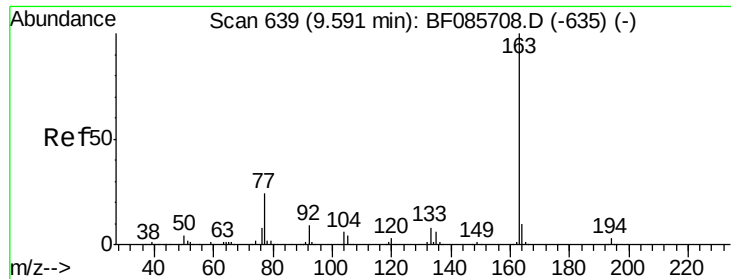


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

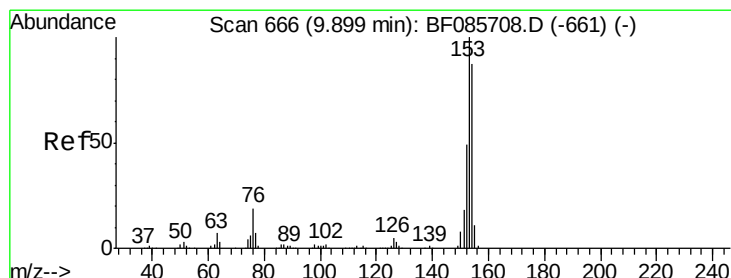
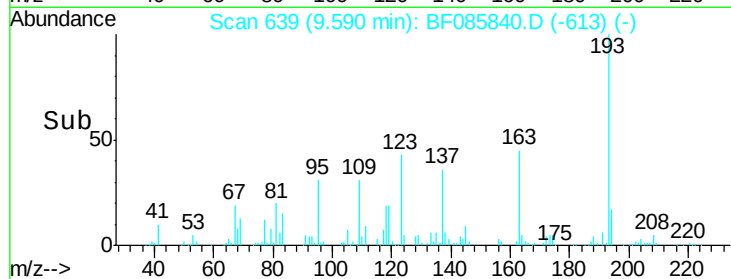
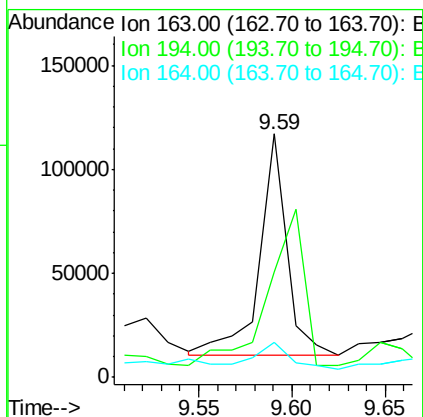
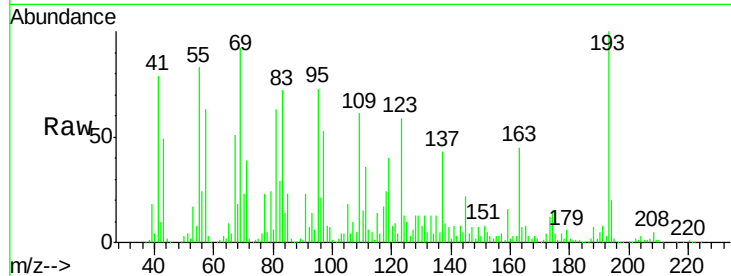




#49
Dimethylphthalate
Concen: 12.59 ng
RT: 9.59 min Scan# 639
Delta R.T. -0.00 min
Lab File: BF085840.D
Acq: 29 Mar 2016 9:24

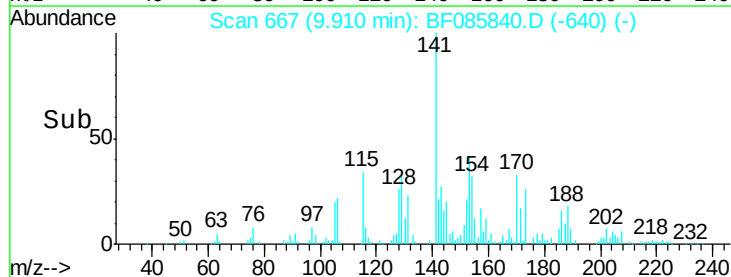
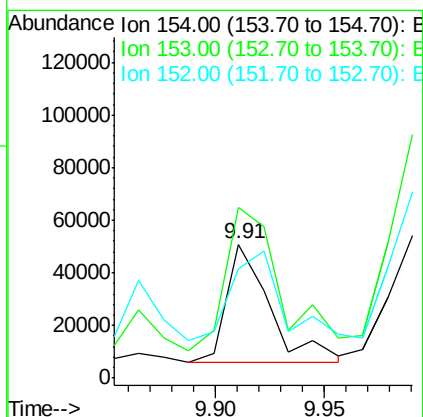
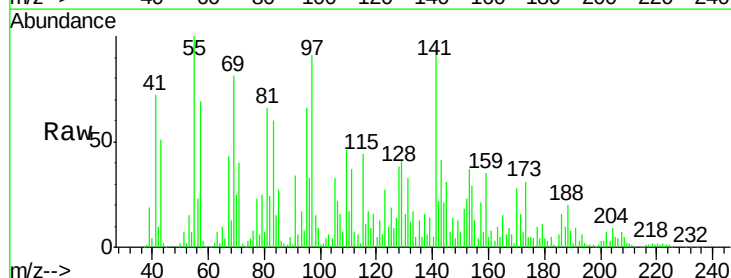
Instrument :
BNA_F
ClientSampleId :
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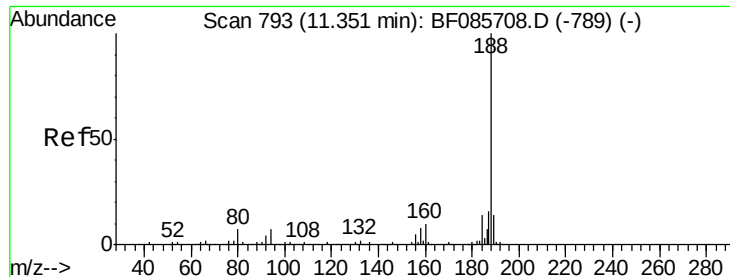
Tgt Ion:163 Resp: 107520
Ion Ratio Lower Upper
163 100
194 43.3 2.9 4.3#
164 14.4 8.3 12.5#



#51
Acenaphthene
Concen: 8.80 ng
RT: 9.91 min Scan# 667
Delta R.T. 0.01 min
Lab File: BF085840.D
Acq: 29 Mar 2016 9:24

Tgt Ion:154 Resp: 61202
Ion Ratio Lower Upper
154 100
153 127.4 90.1 135.1
152 81.2 44.2 66.2#

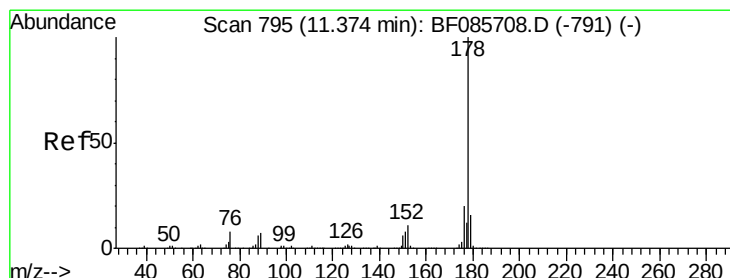
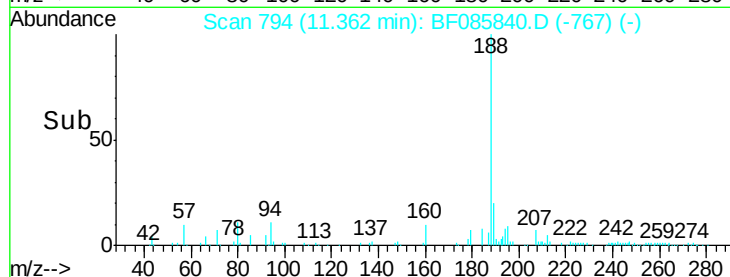
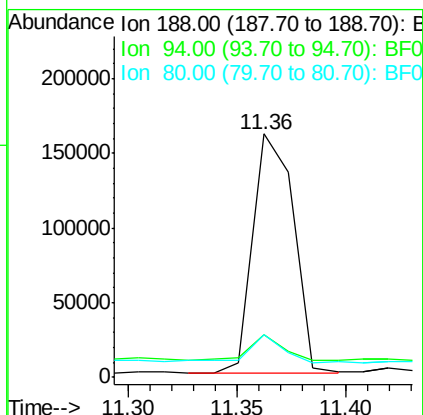
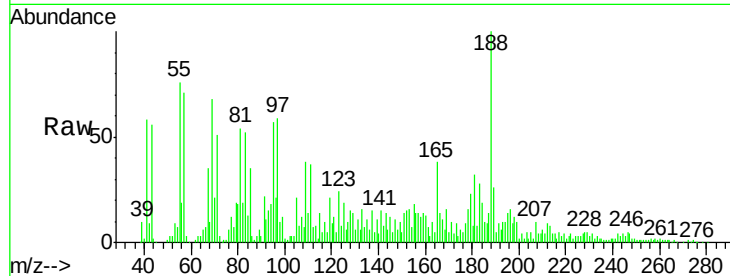




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 794
Delta R.T. 0.01 min
Lab File: BF085840.D
Acq: 29 Mar 2016 9:24

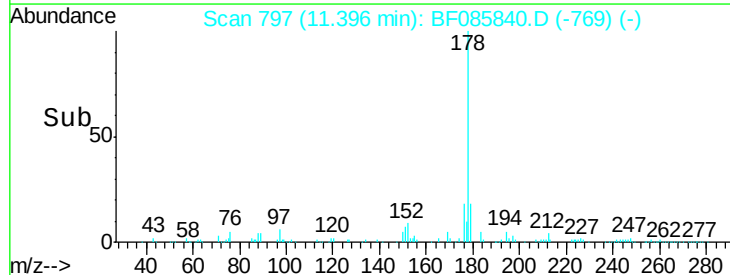
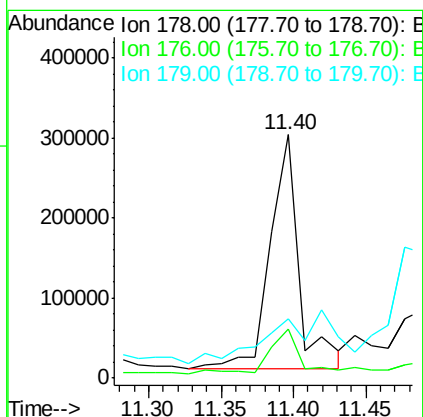
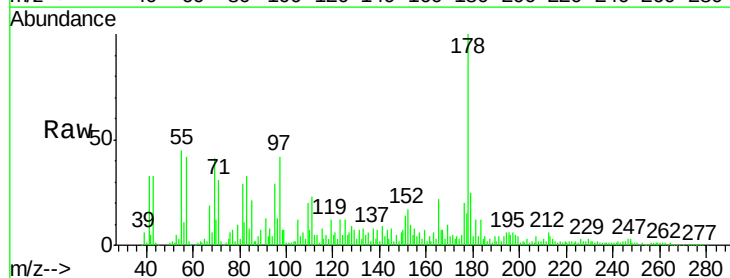
Instrument :
BNA_F
ClientSampleId :
9

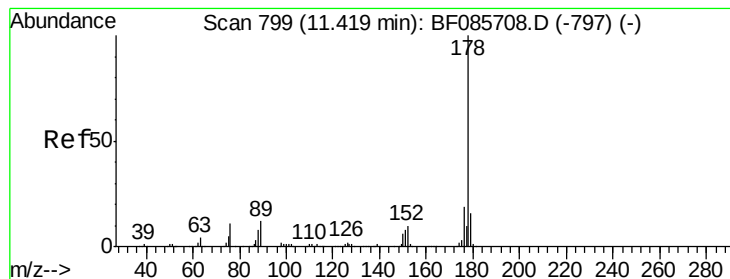
Tgt Ion:188 Resp: 208918
Ion Ratio Lower Upper
188 100
94 17.6 5.4 8.0#
80 17.5 5.5 8.3#



#70
Phenanthrene
Concen: 37.98 ng
RT: 11.40 min Scan# 797
Delta R.T. 0.02 min
Lab File: BF085840.D
Acq: 29 Mar 2016 9:24

Tgt Ion:178 Resp: 407469
Ion Ratio Lower Upper
178 100
176 20.2 16.3 24.5
179 24.5 12.6 18.8#





#71

Anthracene

Concen: 36.18 ng

RT: 11.40 min Scan# 797

Delta R.T. -0.02 min

Lab File: BF085840.D

Acq: 29 Mar 2016 9:24

Instrument :

BNA_F

ClientSampleId :

9

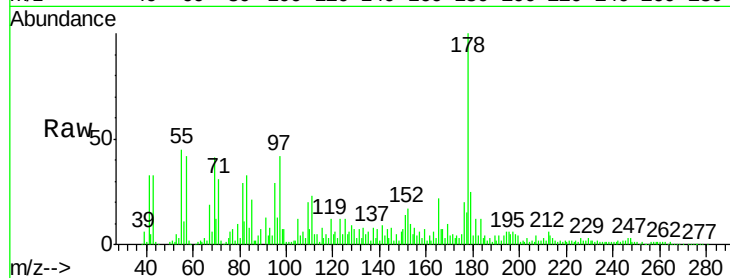
Tgt Ion:178 Resp: 407469

Ion Ratio Lower Upper

178 100

176 20.2 15.9 23.9

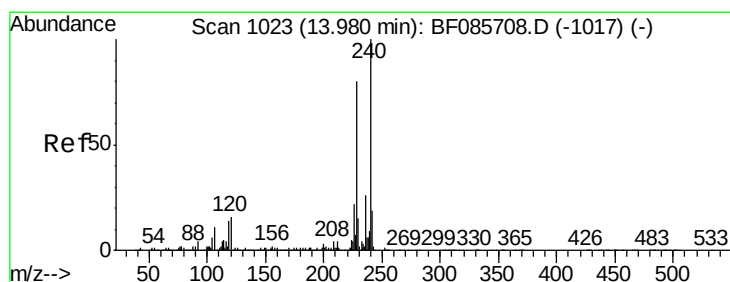
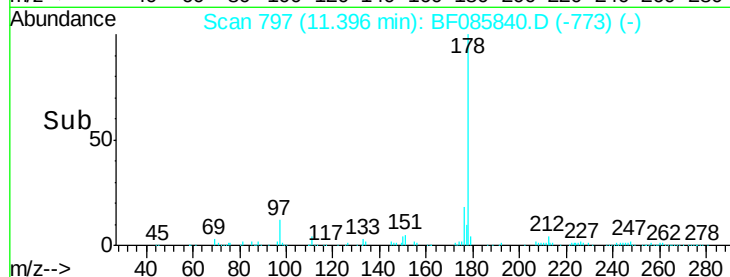
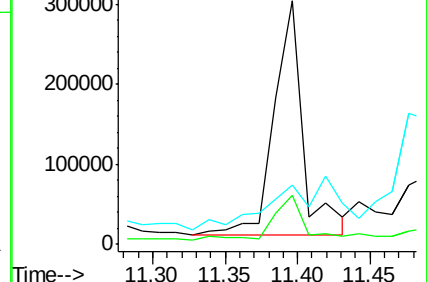
179 24.5 13.0 19.4#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF085840.D

Acq: 29 Mar 2016 9:24

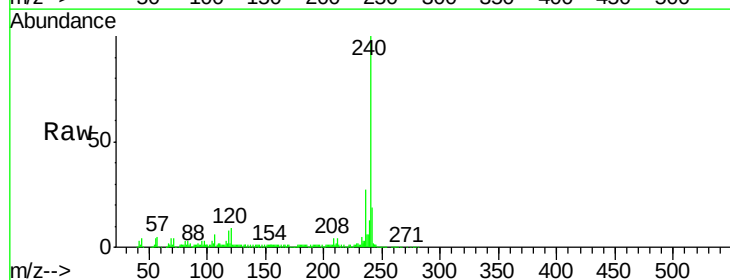
Tgt Ion:240 Resp: 208827

Ion Ratio Lower Upper

240 100

120 9.3 13.8 20.8#

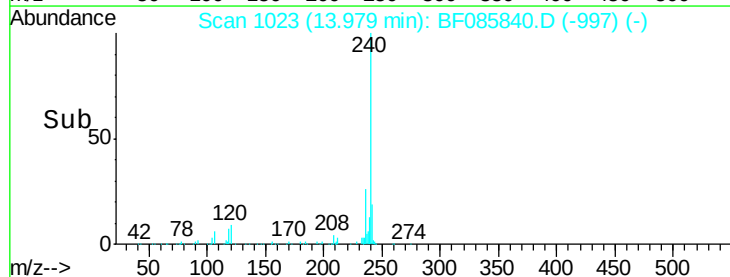
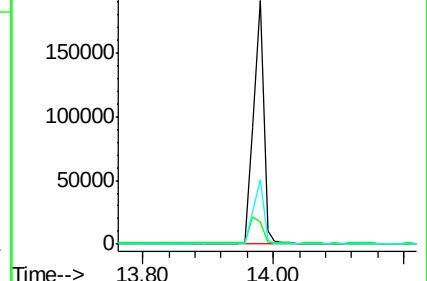
236 26.6 20.6 30.8

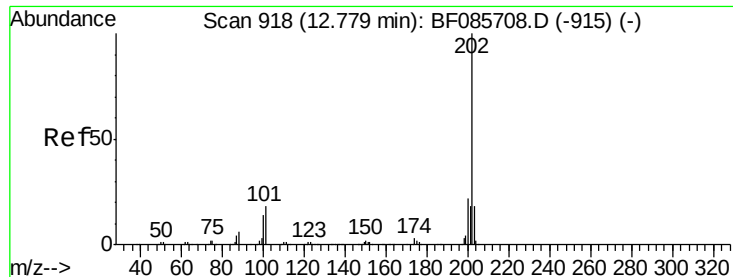


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

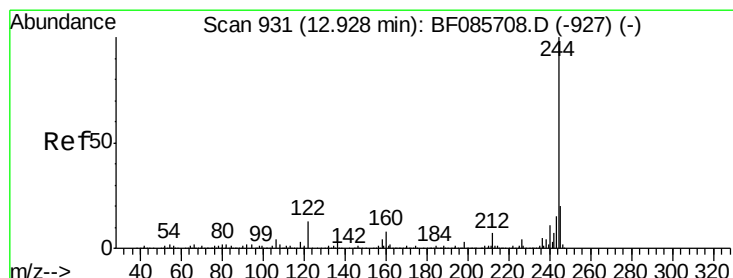
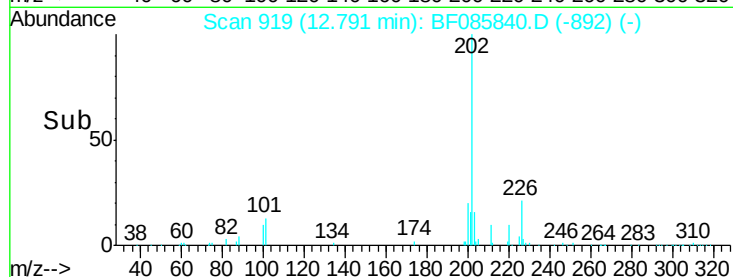
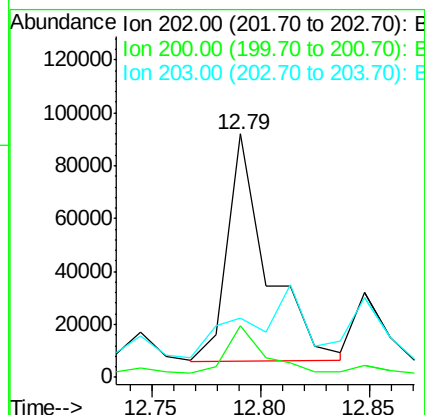
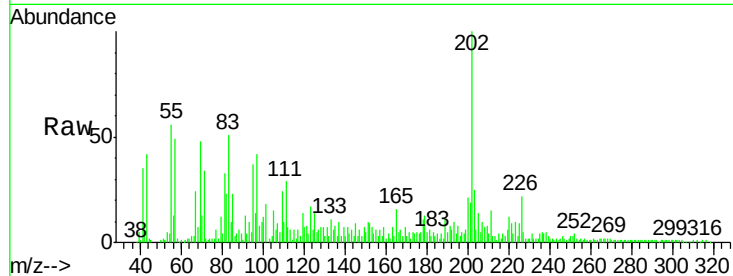




#77
 Pyrene
 Concen: 6.45 ng
 RT: 12.79 min Scan# 919
 Delta R.T. 0.01 min
 Lab File: BF085840.D
 Acq: 29 Mar 2016 9:24

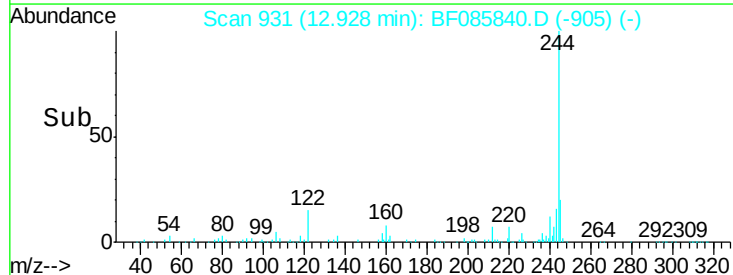
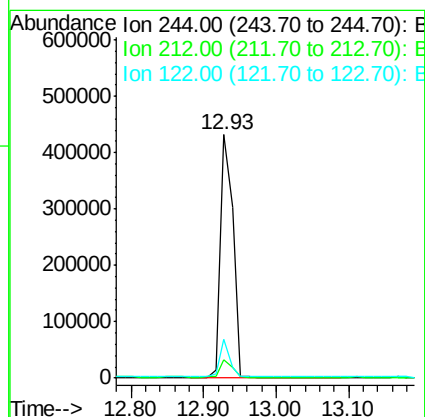
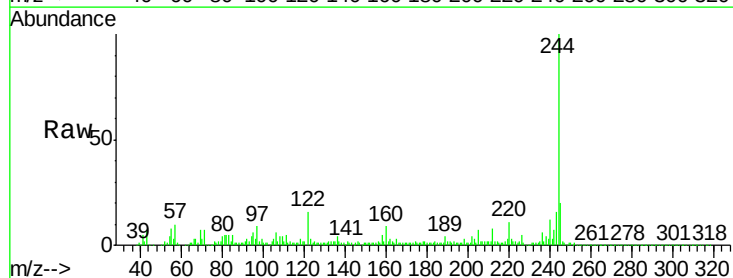
Instrument :
 BNA_F
 ClientSampleId :
 9

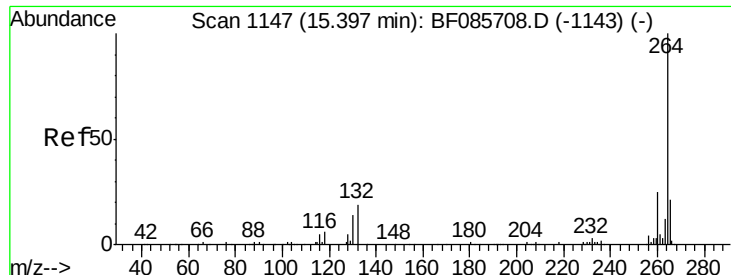
Tgt Ion: 202 Resp: 110667
 Ion Ratio Lower Upper
 202 100
 200 21.2 17.6 26.4
 203 24.6 14.0 21.0#



#78
 Terphenyl-d14
 Concen: 51.05 ng
 RT: 12.93 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BF085840.D
 Acq: 29 Mar 2016 9:24

Tgt Ion: 244 Resp: 518323
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.1 9.1
 122 16.0 10.2 15.4#

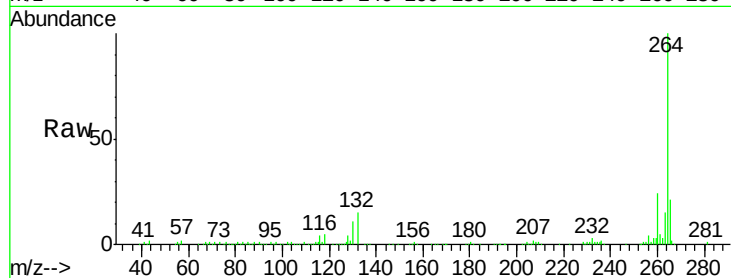




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF085840.D
Acq: 29 Mar 2016 9:24

Instrument :
BNA_F
ClientSampleId :
9

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	20.6	17.2	25.8

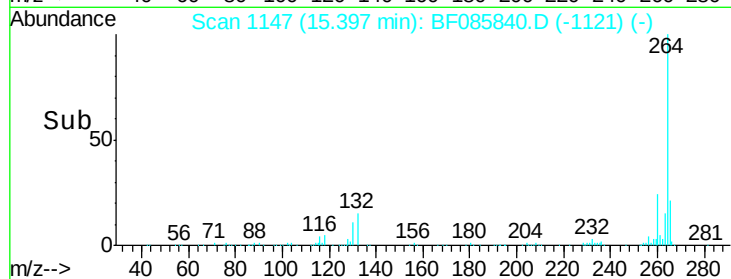
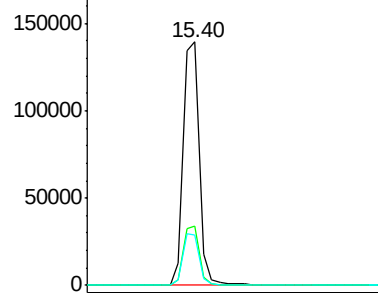


Abundance

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



Time-->