

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
 Data File : BF085893.D
 Acq On : 30 Mar 2016 18:28
 Operator : UM/SJ
 Sample : H2026-02 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B7COMP

Quant Time: Mar 30 23:46:00 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

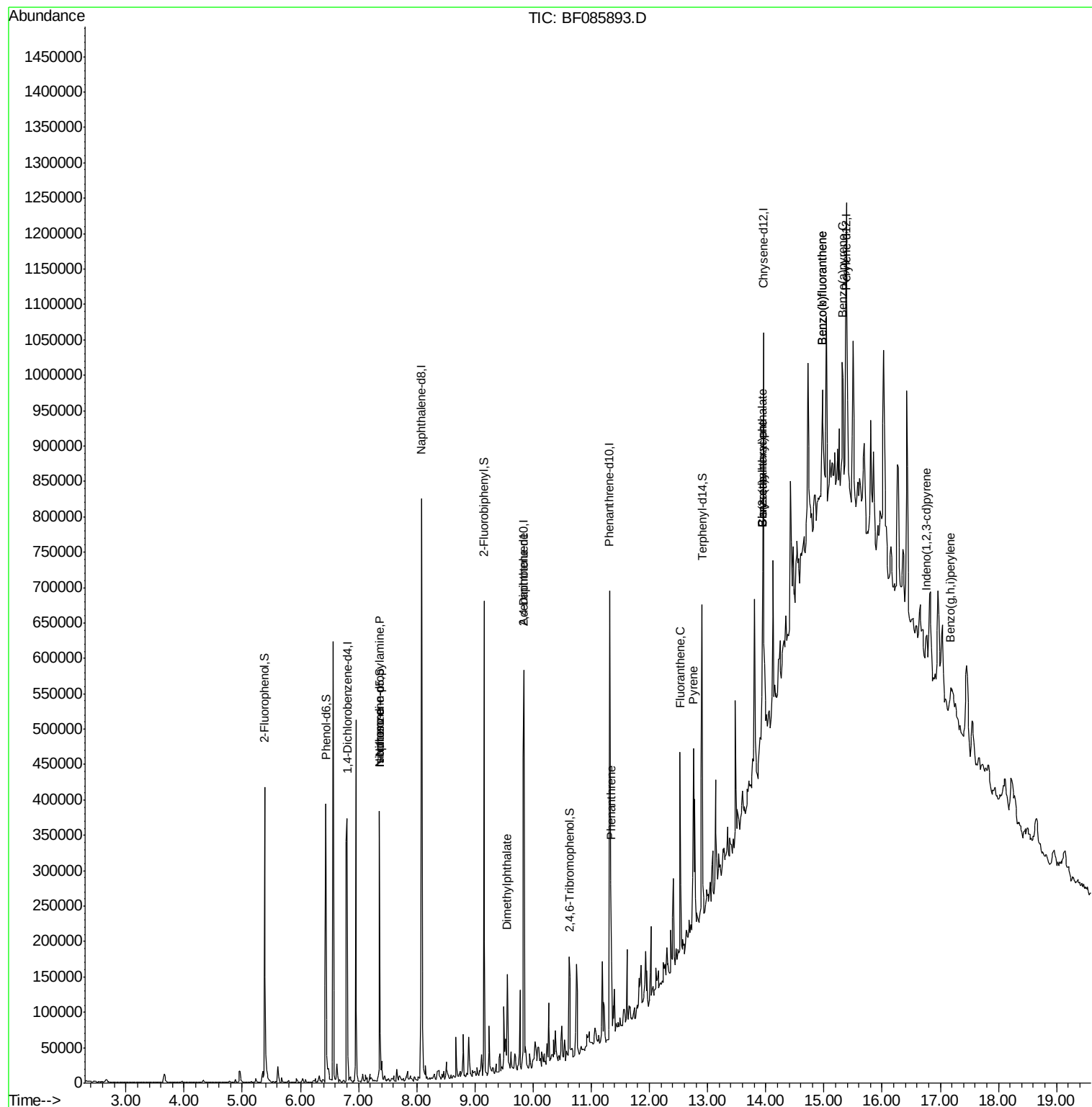
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	85076	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	352282	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	146619	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	235194	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	179479	20.00	ng	-0.01
86) Perylene-d12	15.39	264	183055	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	144763	28.34	ng	-0.01
7) Phenol-d6	6.44	99	191886	29.54	ng	-0.01
23) Nitrobenzene-d5	7.36	82	123041	19.67	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	18015	12.93	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	208879	23.80	ng	-0.01
78) Terphenyl-d14	12.90	244	142173	16.29	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	16993	4.37	ng	# 79
25) Isophorone	7.36	82	115912	9.62	ng	# 68
49) Dimethylphthalate	9.56	163	40350	3.63	ng	98
56) 2,4-Dinitrotoluene	9.84	165	19616	6.45	ng	# 37
70) Phenanthrene	11.34	178	93732	7.76	ng	98
74) Fluoranthene	12.53	202	121132	9.44	ng	97
77) Pyrene	12.76	202	107261	7.27	ng	98
80) Benzo(a)anthracene	13.95	228	64167	6.27	ng	96
82) Chrysene	13.95	228	64167	6.22	ng	96
83) Bis(2-ethylhexyl)phthalate	13.95	149	25047	3.39	ng	# 89
85) Indeno(1,2,3-cd)pyrene	16.77	276	26218	3.29	ng	# 91
87) Benzo(b)fluoranthene	14.97	252	88426	7.67	ng	# 82
88) Benzo(k)fluoranthene	14.97	252	88426	8.51	ng	# 80
89) Benzo(a)pyrene	15.32	252	46632	4.55	ng	# 72
91) Benzo(g,h,i)perylene	17.18	276	26001	2.70	ng	# 88

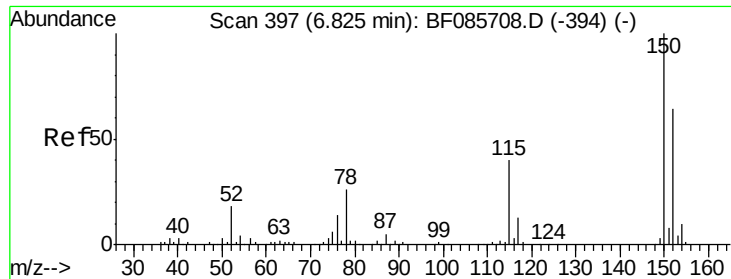
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF085893.D

Acq: 30 Mar 2016 18:28

Instrument :

BNA_F

ClientSampleId :

TEC-B7COMP

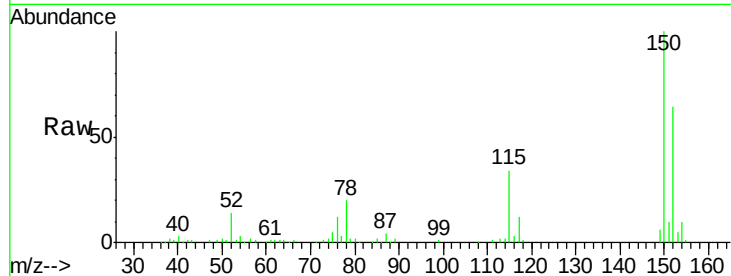
Tgt Ion:152 Resp: 85076

Ion Ratio Lower Upper

152 100

150 156.7 124.2 186.2

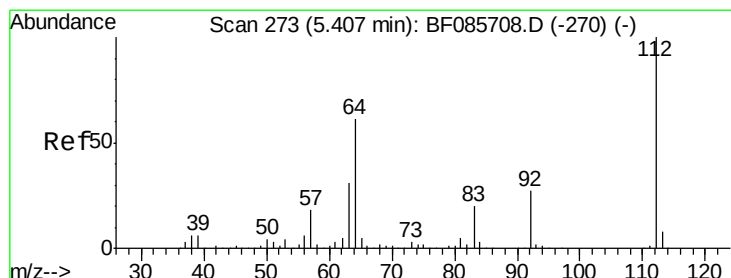
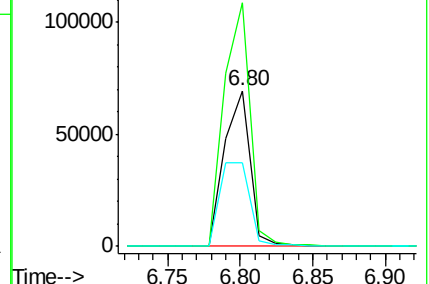
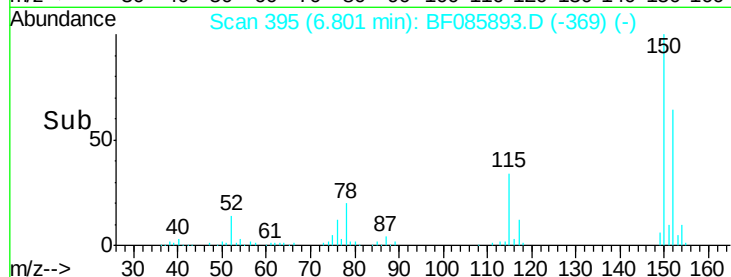
115 53.8 47.0 70.6



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: 28.34 ng

RT: 5.38 min Scan# 271

Delta R.T. -0.01 min

Lab File: BF085893.D

Acq: 30 Mar 2016 18:28

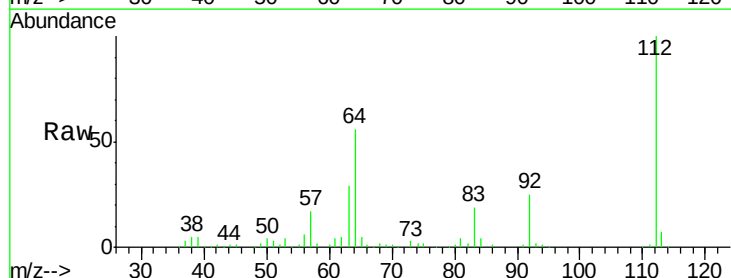
Tgt Ion:112 Resp: 144763

Ion Ratio Lower Upper

112 100

64 56.1 39.9 59.9

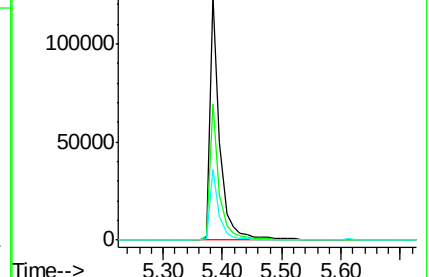
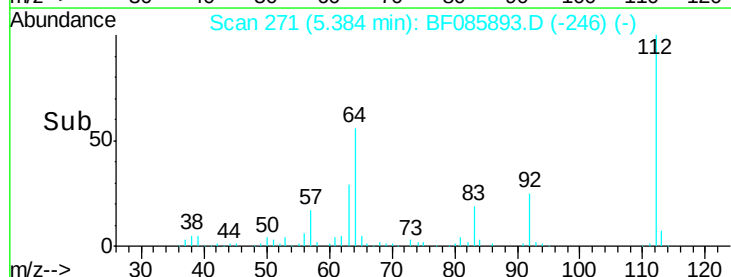
63 28.9 20.2 30.2

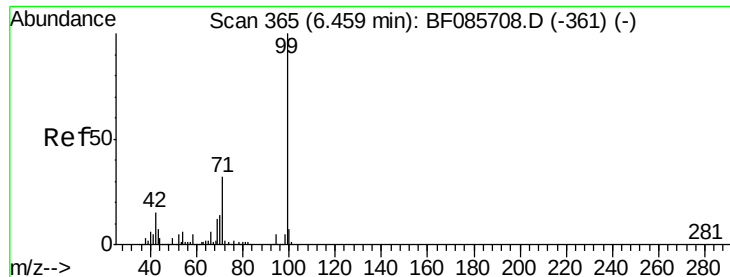


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 29.54 ng

RT: 6.44 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF085893.D

Acq: 30 Mar 2016 18:28

Instrument :

BNA_F

ClientSampleId :

TEC-B7COMP

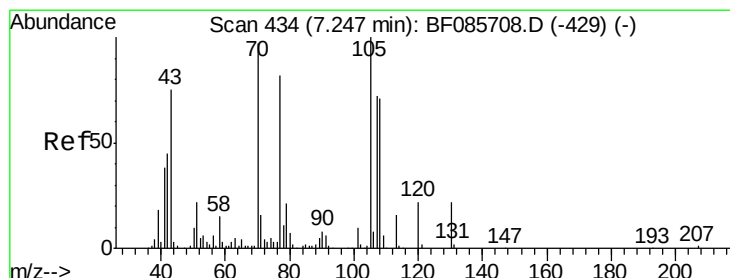
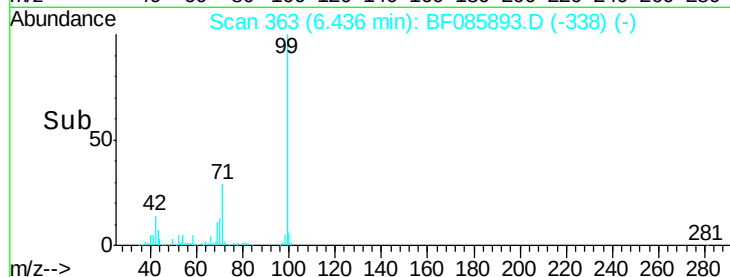
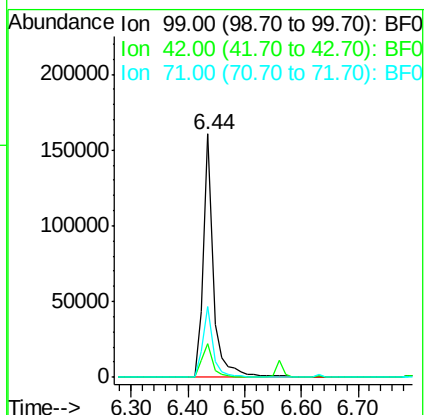
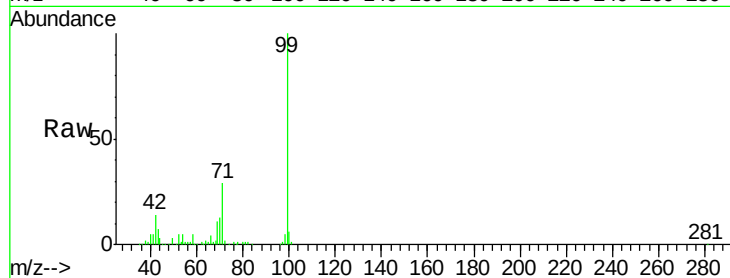
Tgt Ion: 99 Resp: 191886

Ion Ratio Lower Upper

99 100

42 13.6 11.1 16.7

71 28.9 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 4.37 ng

RT: 7.36 min Scan# 444

Delta R.T. 0.14 min

Lab File: BF085893.D

Acq: 30 Mar 2016 18:28

Tgt Ion: 70 Resp: 16993

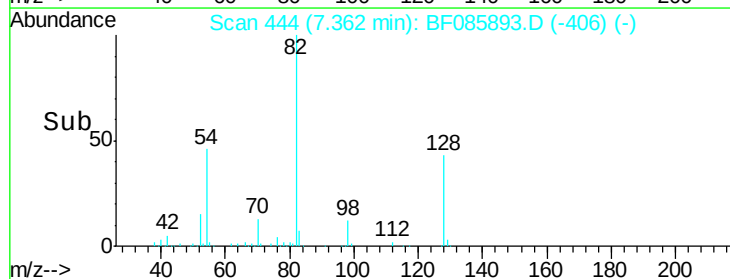
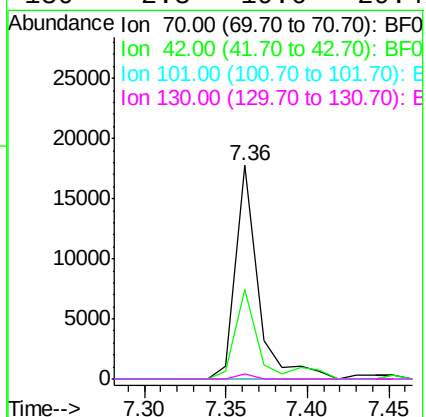
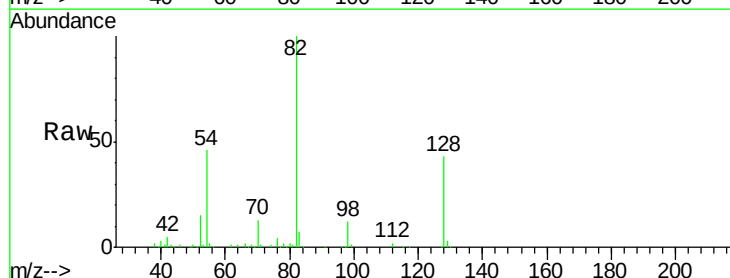
Ion Ratio Lower Upper

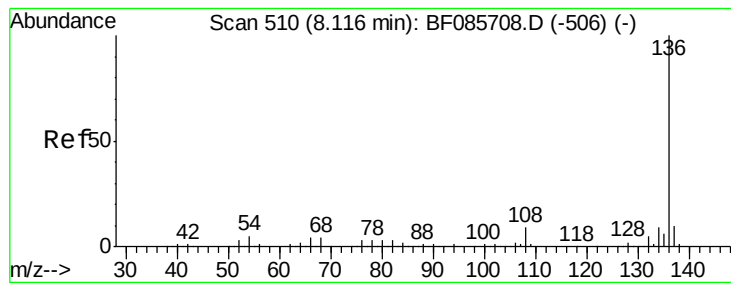
70 100

42 41.9 37.1 55.7

101 0.0 8.6 12.8#

130 2.3 19.6 29.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF085893.D

Acq: 30 Mar 2016 18:28

Instrument :

BNA_F

ClientSampleId :

TEC-B7COMP

Tgt Ion:136 Resp: 352282

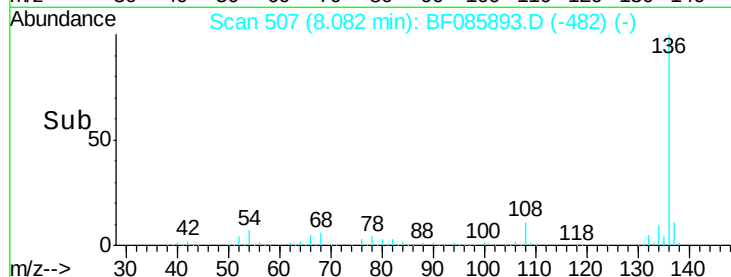
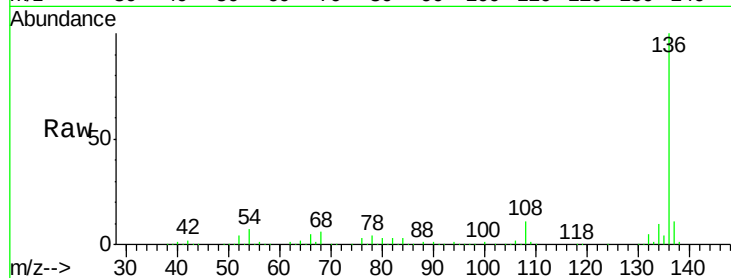
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 7.4 7.4 11.0

68 6.2 5.8 8.8

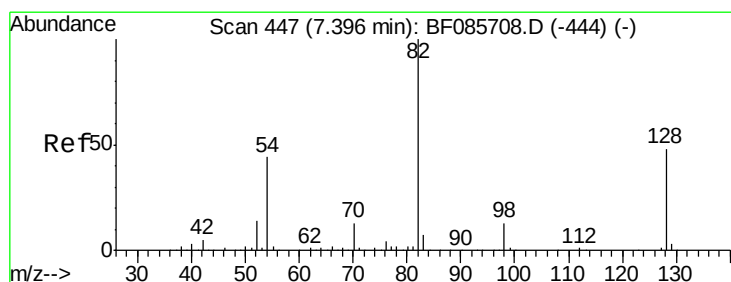
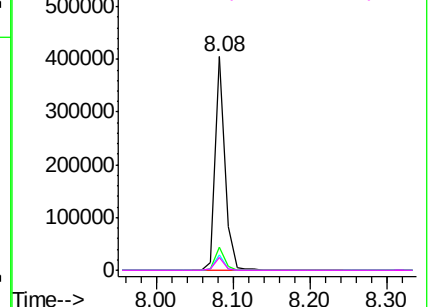


Abundance Ion 136.00 (135.70 to 136.70): E

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: 19.67 ng

RT: 7.36 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF085893.D

Acq: 30 Mar 2016 18:28

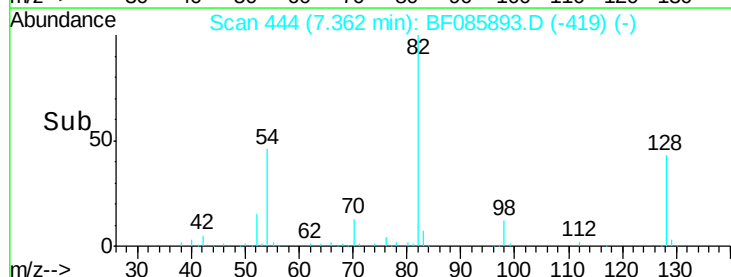
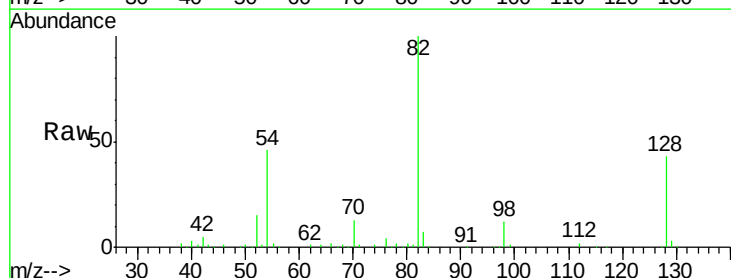
Tgt Ion: 82 Resp: 123041

Ion Ratio Lower Upper

82 100

128 43.4 41.8 62.8

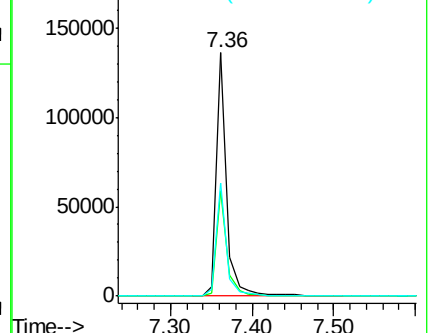
54 46.4 33.4 50.0

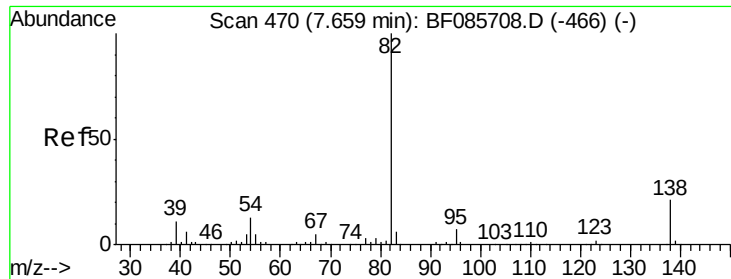


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 9.62 ng

RT: 7.36 min Scan# 444

Delta R.T. -0.27 min

Lab File: BF085893.D

Acq: 30 Mar 2016 18:28

Instrument :

BNA_F

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TEC-B7COMP

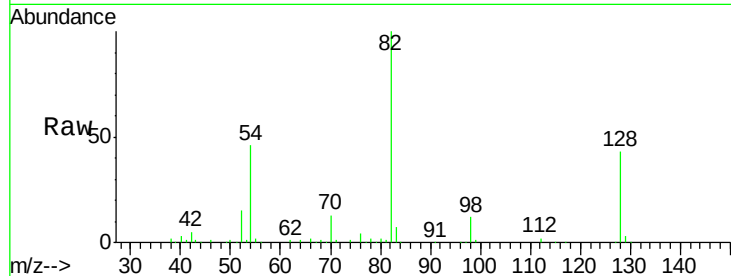
Tgt Ion: 82 Resp: 115912

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

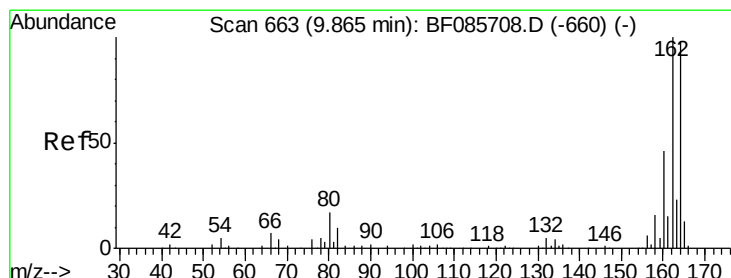
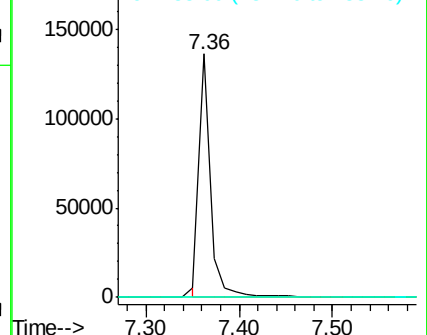
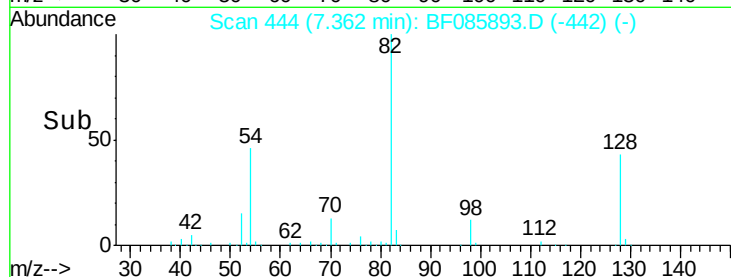
138 0.0 12.9 19.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 661

Delta R.T. -0.00 min

Lab File: BF085893.D

Acq: 30 Mar 2016 18:28

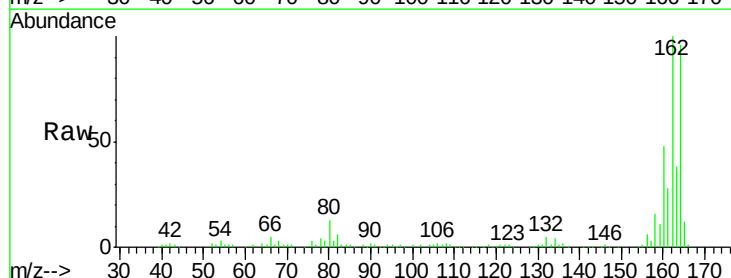
Tgt Ion: 164 Resp: 146619

Ion Ratio Lower Upper

164 100

162 103.7 82.1 123.1

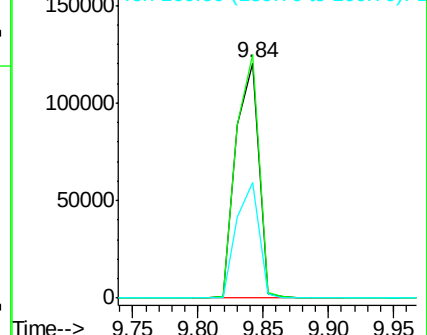
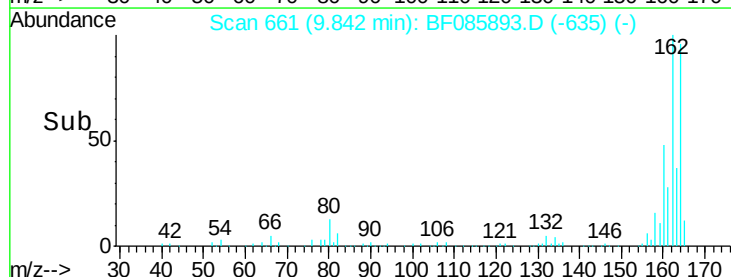
160 49.5 37.4 56.2

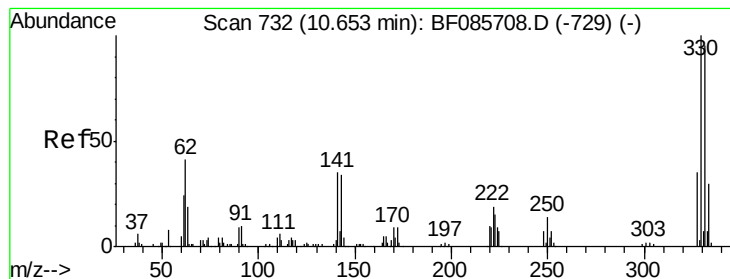


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

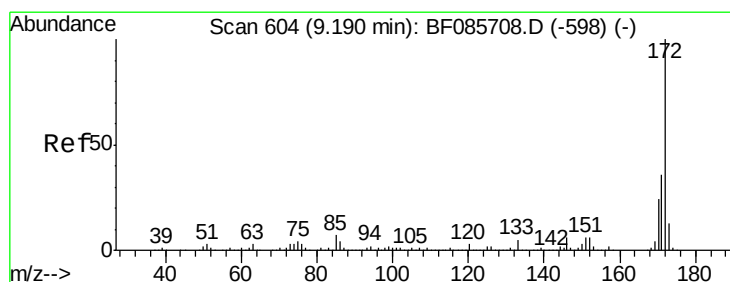
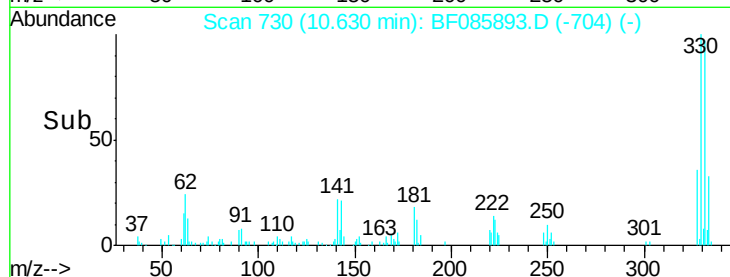
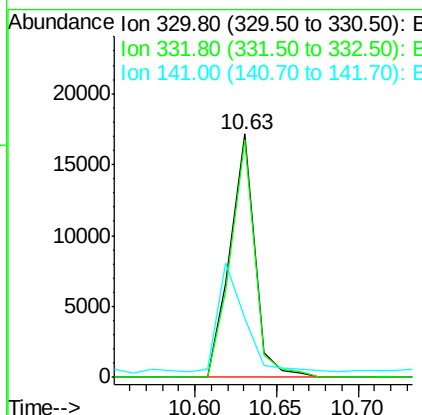
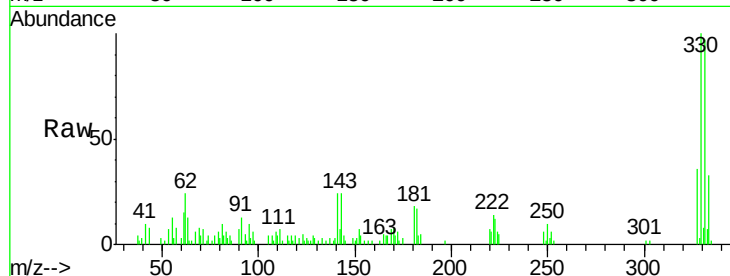




#41
 2,4,6-Tribromophenol
 Concen: 12.93 ng
 RT: 10.63 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: BF085893.D
 Acq: 30 Mar 2016 18:28

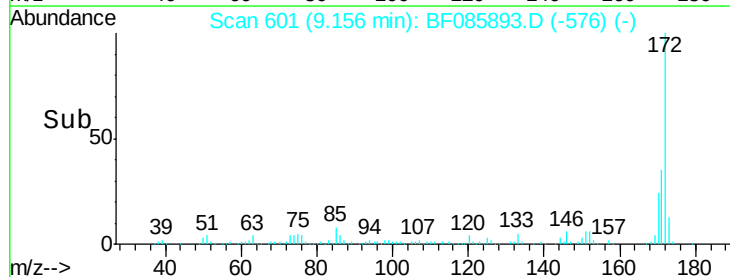
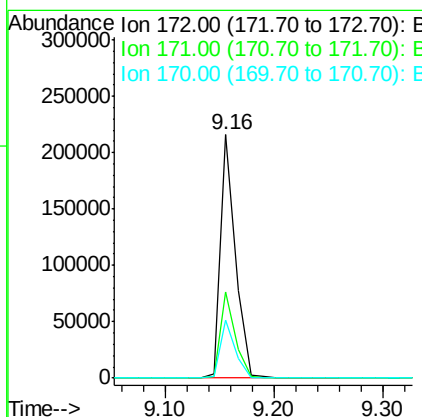
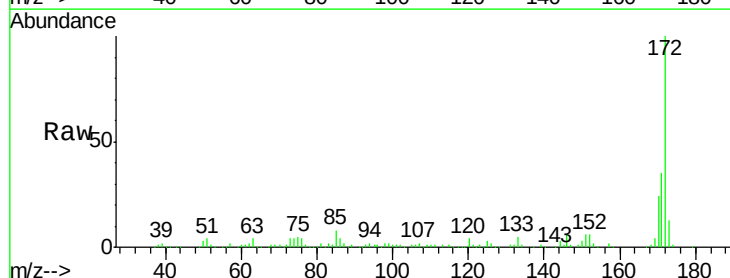
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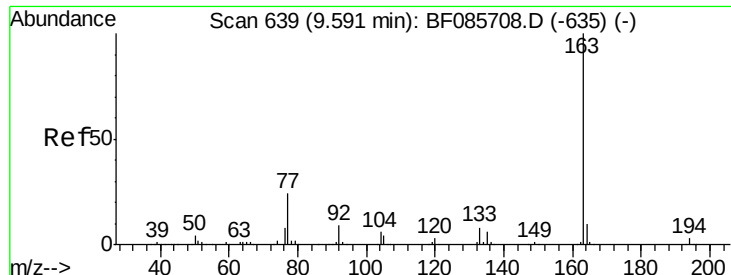
Tgt Ion:330 Resp: 18015
 Ion Ratio Lower Upper
 330 100
 332 96.1 78.2 117.2
 141 52.6 31.5 47.3#



#44
 2-Fluorobiphenyl
 Concen: 23.80 ng
 RT: 9.16 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: BF085893.D
 Acq: 30 Mar 2016 18:28

Tgt Ion:172 Resp: 208879
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.4 44.2
 170 23.9 19.8 29.6

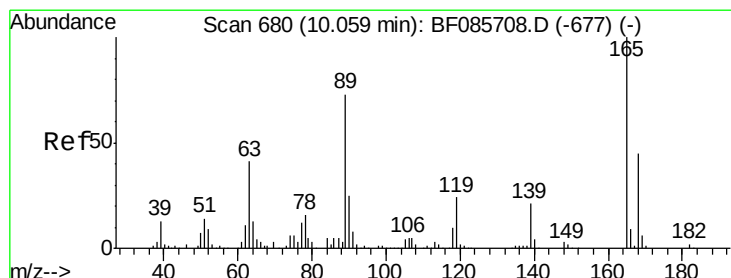
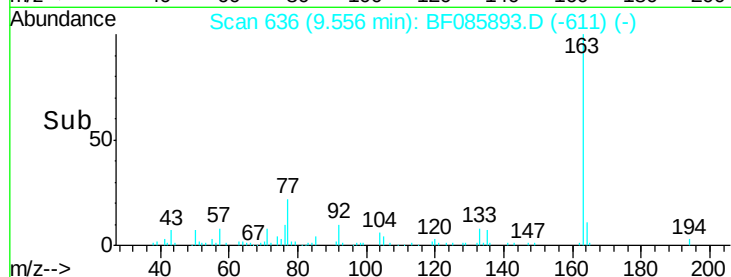
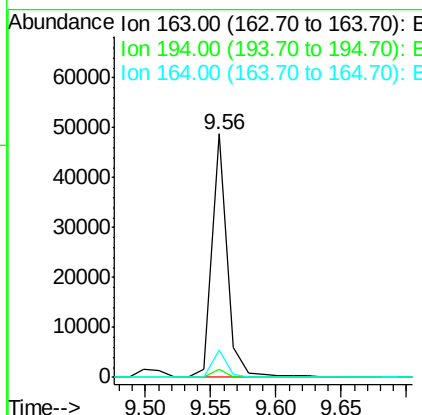
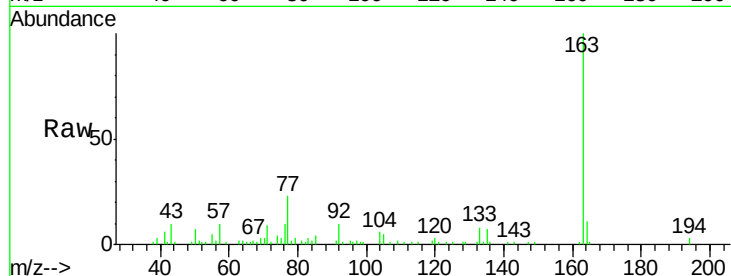




#49
Dimethylphthalate
Concen: 3.63 ng
RT: 9.56 min Scan# 636
Delta R.T. -0.01 min
Lab File: BF085893.D
Acq: 30 Mar 2016 18:28

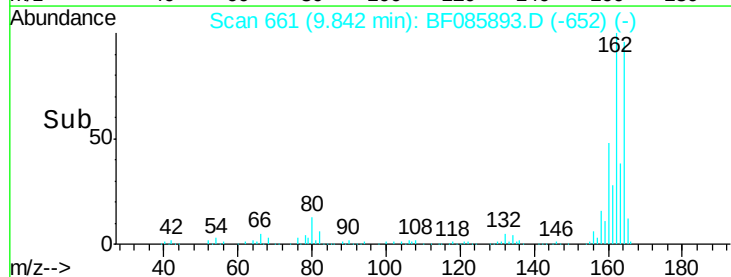
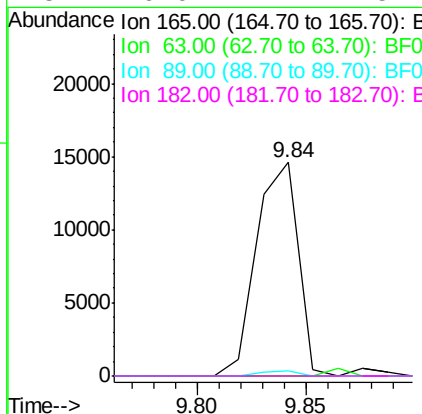
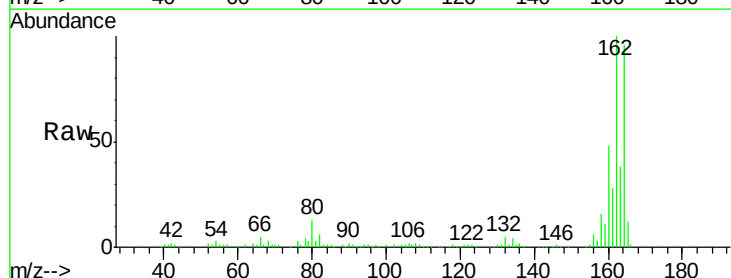
Instrument :
BNA_F
ClientSampleId :
TEC-B7COMP

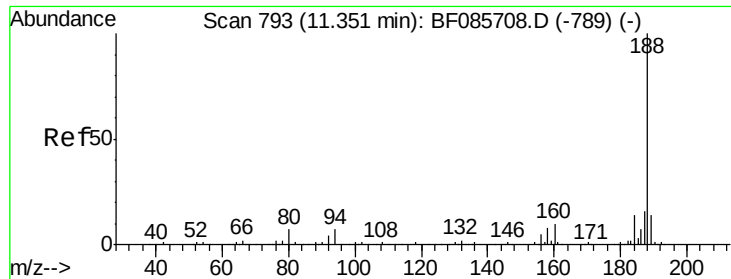
Tgt Ion:163 Resp: 40350
Ion Ratio Lower Upper
163 100
194 3.4 2.9 4.3
164 11.1 8.3 12.5



#56
2,4-Dinitrotoluene
Concen: 6.45 ng
RT: 9.84 min Scan# 661
Delta R.T. -0.19 min
Lab File: BF085893.D
Acq: 30 Mar 2016 18:28

Tgt Ion:165 Resp: 19616
Ion Ratio Lower Upper
165 100
63 0.0 24.9 37.3#
89 2.3 41.0 61.6#
182 0.0 2.1 3.1#

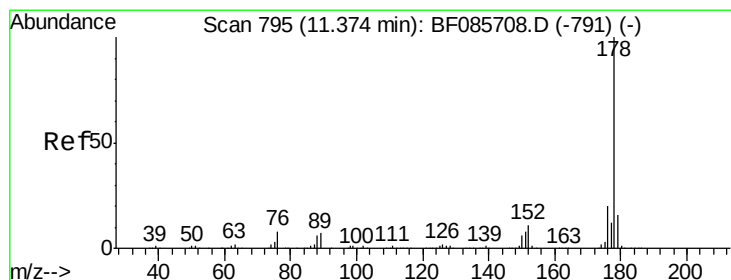
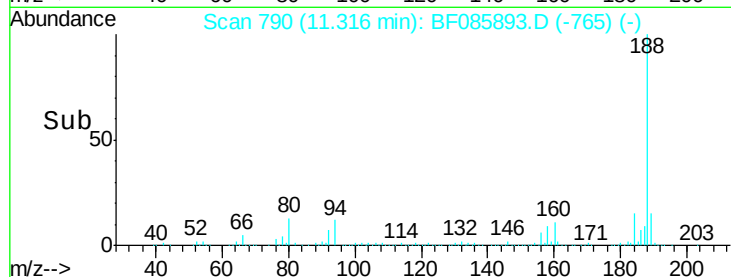
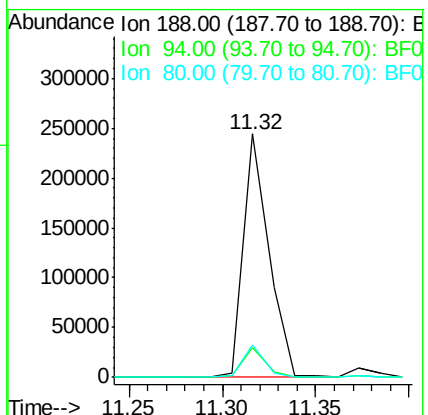
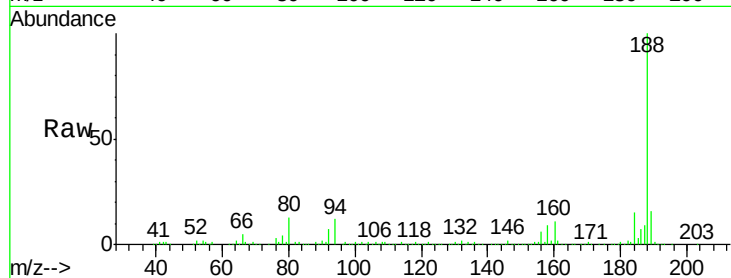




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF085893.D
Acq: 30 Mar 2016 18:28

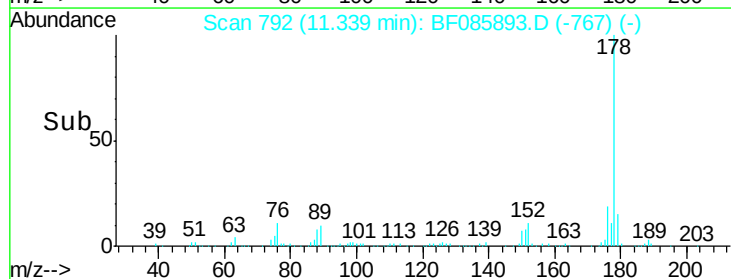
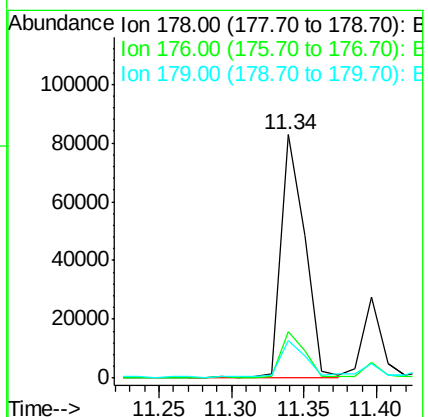
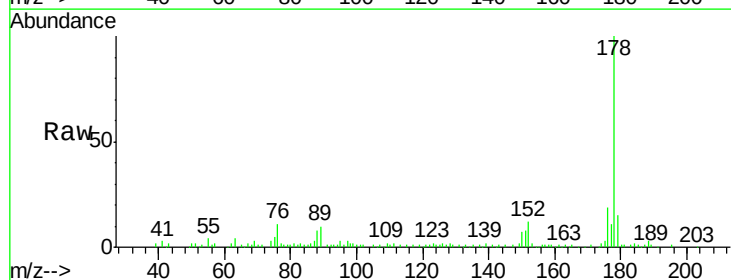
Instrument :
BNA_F
ClientSampleId :
TEC-B7COMP

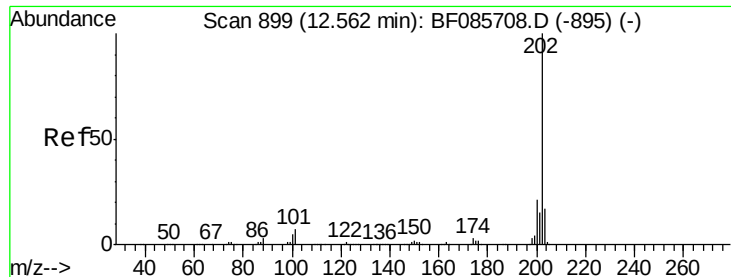
Tgt Ion:188 Resp: 235194
Ion Ratio Lower Upper
188 100
94 12.3 5.4 8.0#
80 13.3 5.5 8.3#



#70
Phenanthrene
Concen: 7.76 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF085893.D
Acq: 30 Mar 2016 18:28

Tgt Ion:178 Resp: 93732
Ion Ratio Lower Upper
178 100
176 19.0 16.3 24.5
179 15.5 12.6 18.8





#74

Fluoranthene

Concen: 9.44 ng

RT: 12.53 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF085893.D

Acq: 30 Mar 2016 18:28

Instrument :

BNA_F

ClientSampleId :

TEC-B7COMP

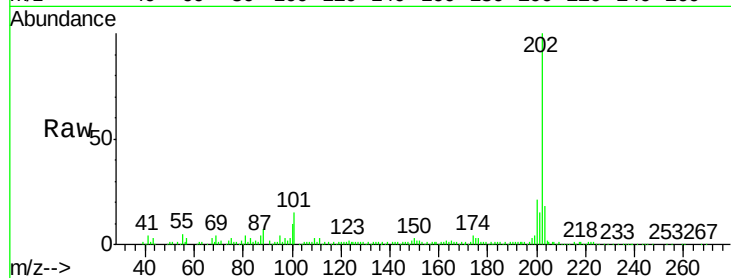
Tgt Ion:202 Resp: 121132

Ion Ratio Lower Upper

202 100

101 14.7 0.0 36.6

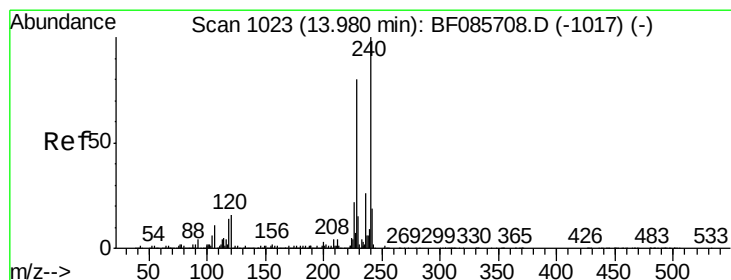
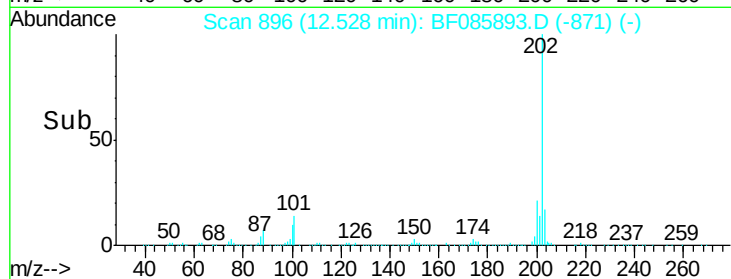
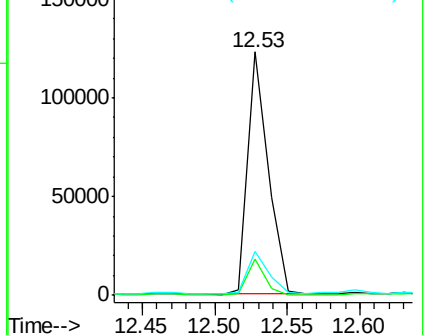
203 17.8 0.0 38.1



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF085893.D

Acq: 30 Mar 2016 18:28

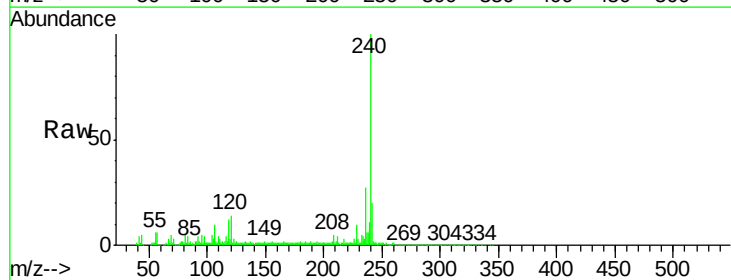
Tgt Ion:240 Resp: 179479

Ion Ratio Lower Upper

240 100

120 13.6 13.8 20.8#

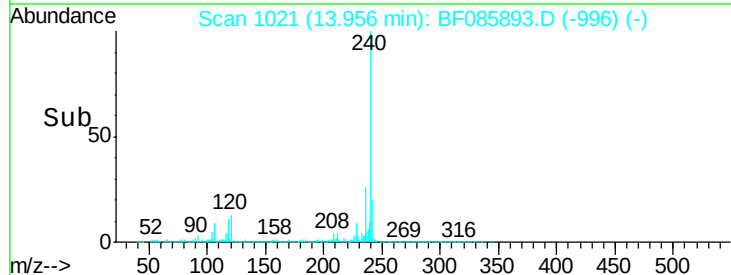
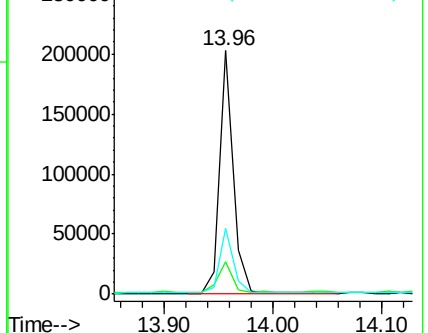
236 26.8 20.6 30.8

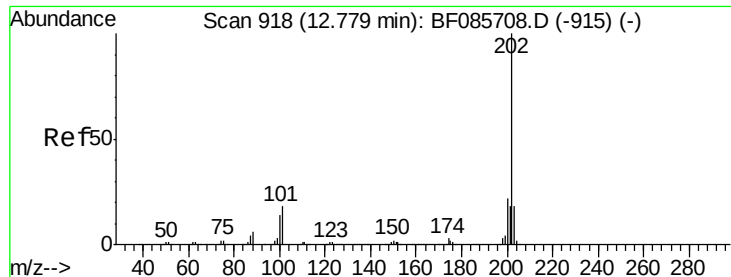


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 7.27 ng

RT: 12.76 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF085893.D

Acq: 30 Mar 2016 18:28

Instrument :

BNA_F

ClientSampleId :

TEC-B7COMP

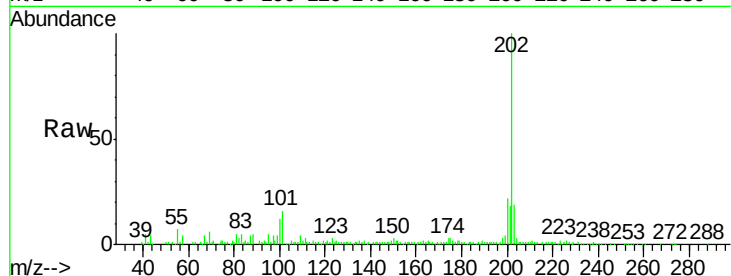
Tgt Ion:202 Resp: 107261

Ion Ratio Lower Upper

202 100

200 21.5 17.6 26.4

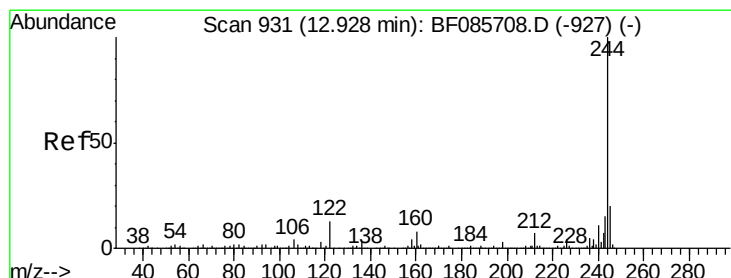
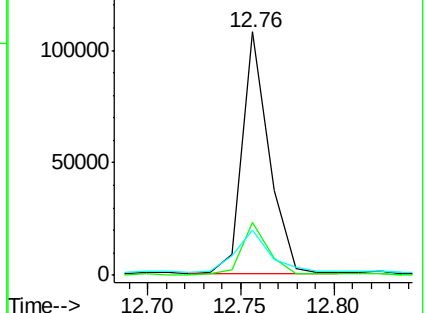
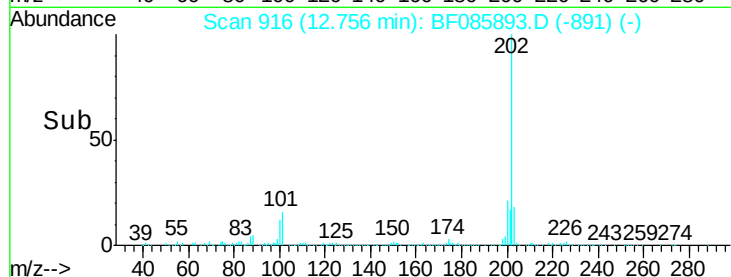
203 18.8 14.0 21.0



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: 16.29 ng

RT: 12.90 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF085893.D

Acq: 30 Mar 2016 18:28

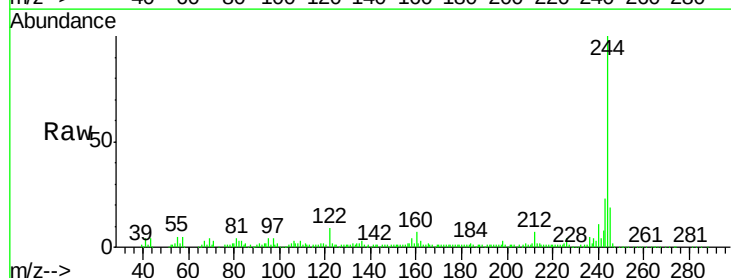
Tgt Ion:244 Resp: 142173

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

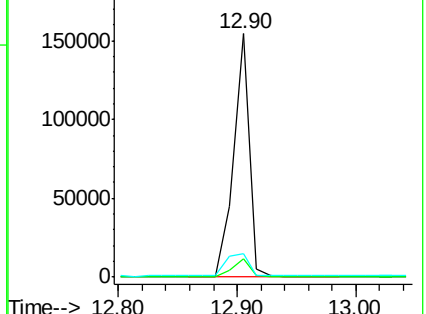
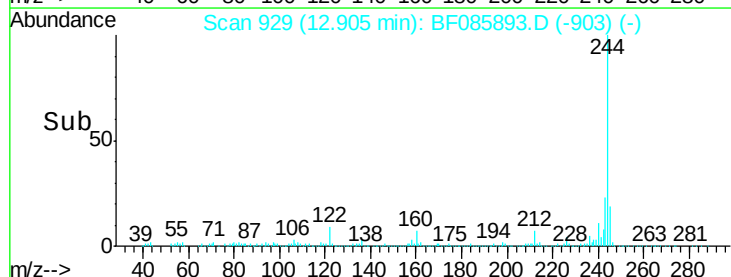
122 9.4 10.2 15.4#

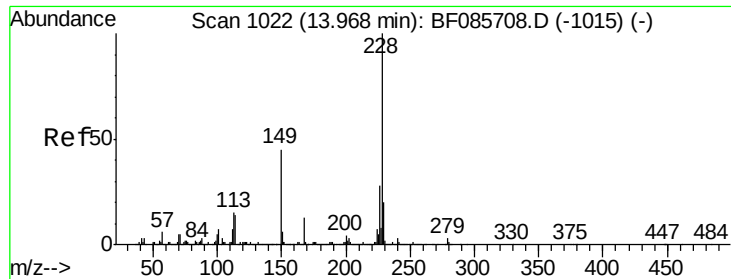


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 6.27 ng

RT: 13.95 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF085893.D

Acq: 30 Mar 2016 18:28

Instrument :

BNA_F

ClientSampleId :

TEC-B7COMP

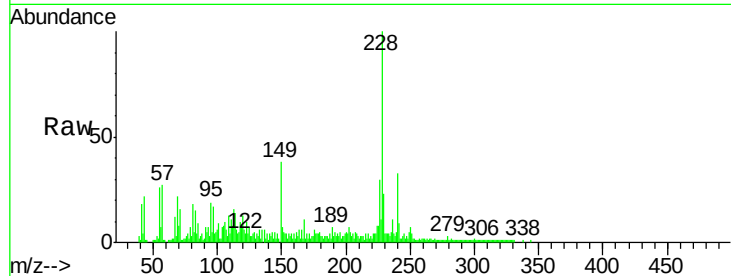
Tgt Ion:228 Resp: 64167

Ion Ratio Lower Upper

228 100

226 29.7 22.1 33.1

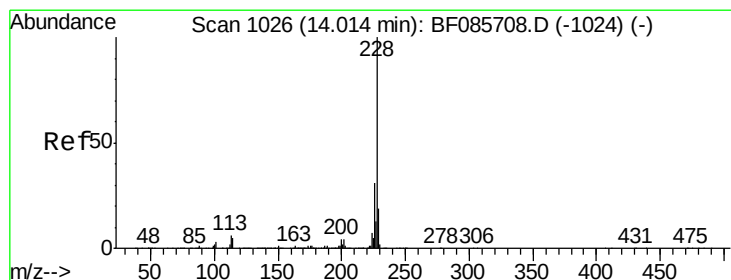
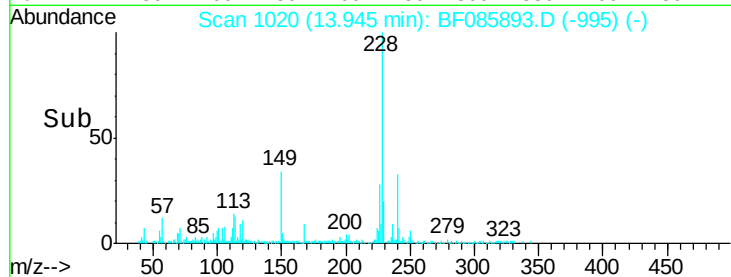
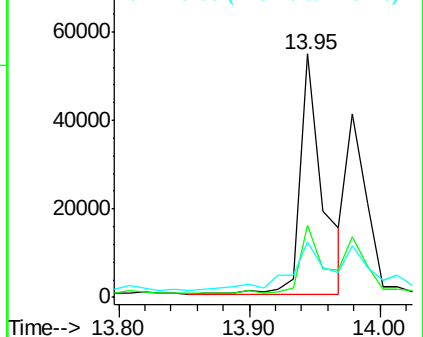
229 22.7 16.2 24.4



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



#82

Chrysene

Concen: 6.22 ng

RT: 13.95 min Scan# 1020

Delta R.T. -0.05 min

Lab File: BF085893.D

Acq: 30 Mar 2016 18:28

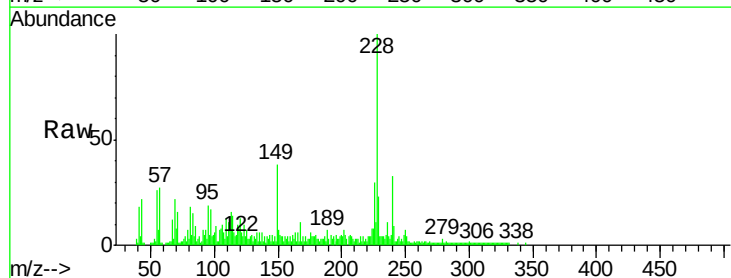
Tgt Ion:228 Resp: 64167

Ion Ratio Lower Upper

228 100

226 29.7 25.0 37.6

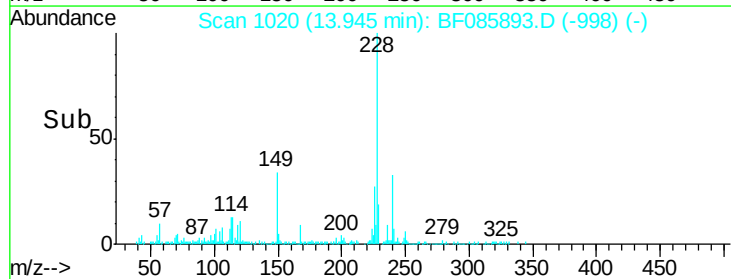
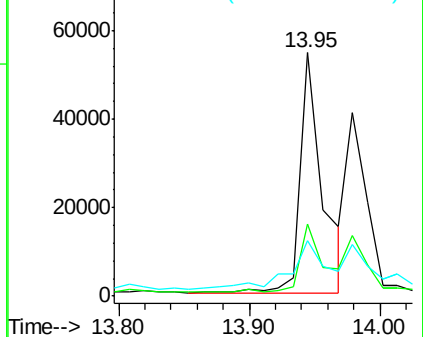
229 22.7 15.7 23.5

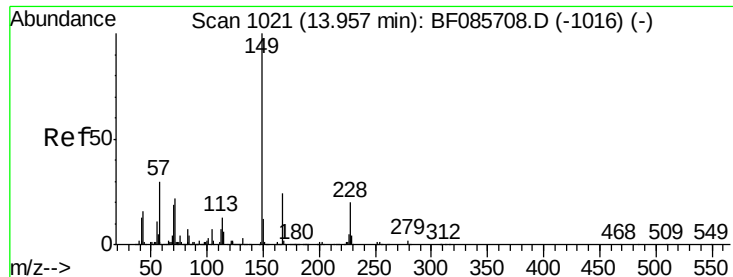


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

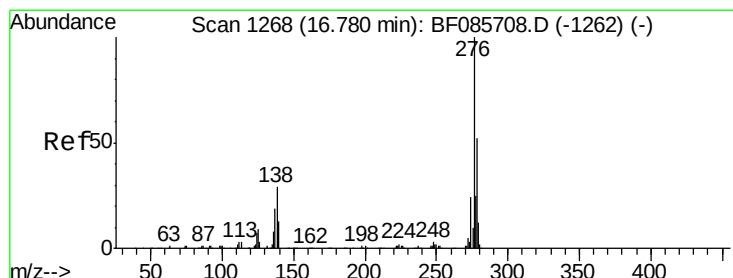
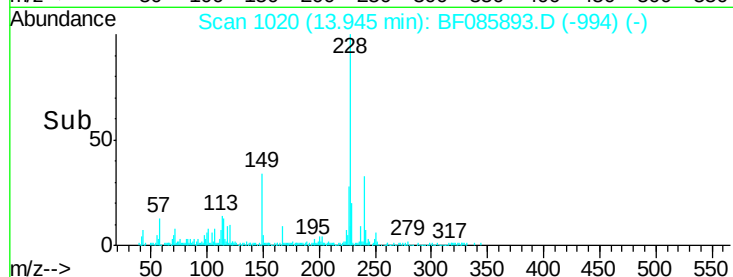
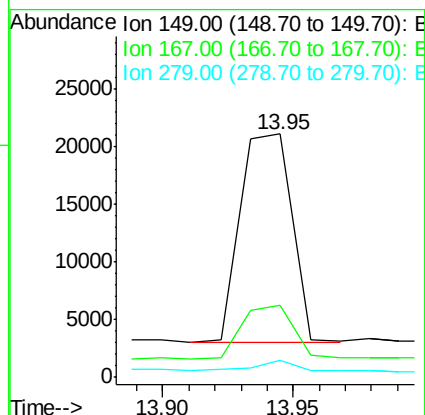
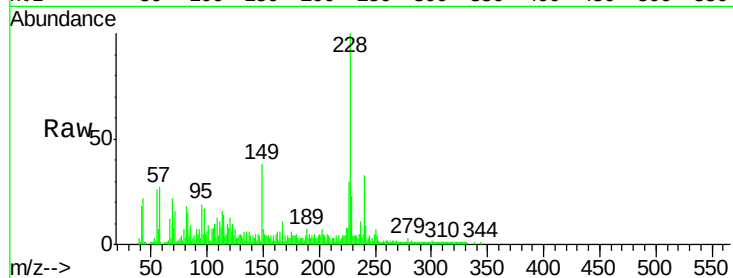




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.39 ng
 RT: 13.95 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BF085893.D
 Acq: 30 Mar 2016 18:28

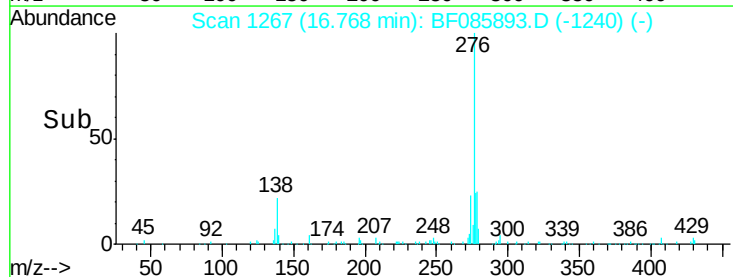
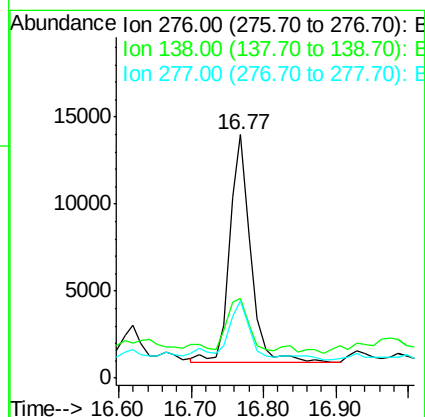
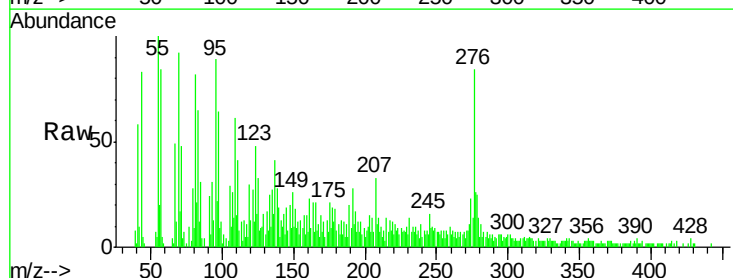
Instrument :
 BNA_F
 ClientSampleId :
 TEC-B7COMP

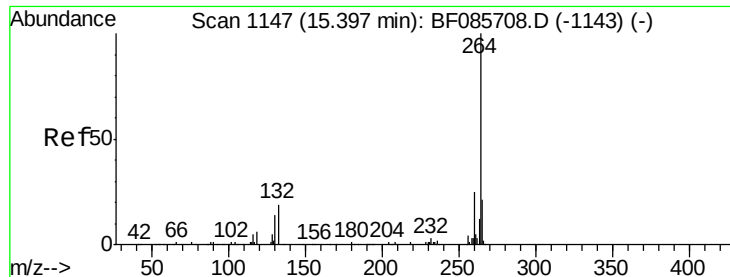
Tgt Ion:149 Resp: 25047
 Ion Ratio Lower Upper
 149 100
 167 29.6 19.4 29.2#
 279 7.2 1.5 2.3#



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.29 ng
 RT: 16.77 min Scan# 1267
 Delta R.T. 0.01 min
 Lab File: BF085893.D
 Acq: 30 Mar 2016 18:28

Tgt Ion:276 Resp: 26218
 Ion Ratio Lower Upper
 276 100
 138 23.7 24.2 36.4#
 277 22.1 20.0 30.0



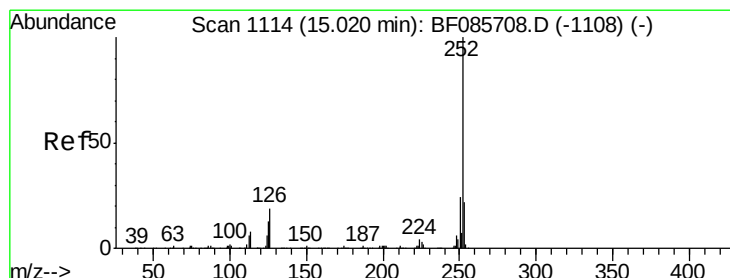
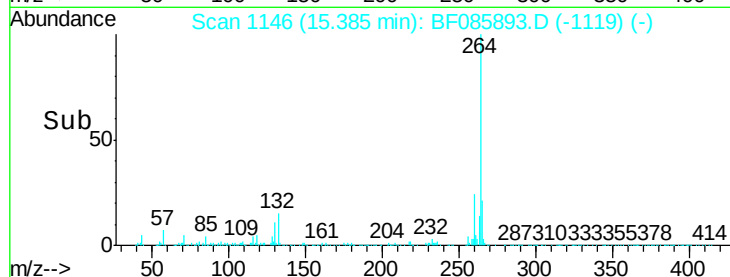
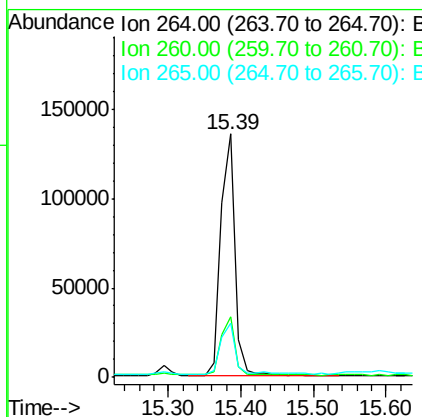
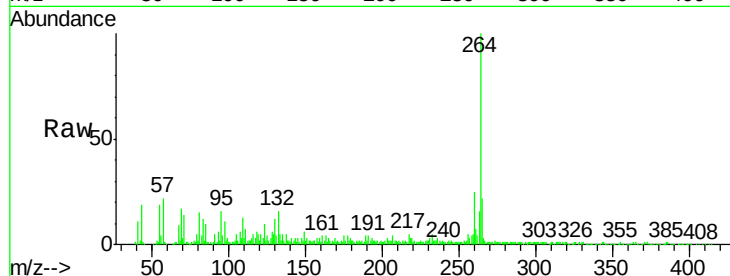


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1146
Delta R.T. 0.01 min
Lab File: BF085893.D
Acq: 30 Mar 2016 18:28

Instrument :
BNA_F
ClientSampleId :
TEC-B7COMP

Tgt Ion: 264 Resp: 183055

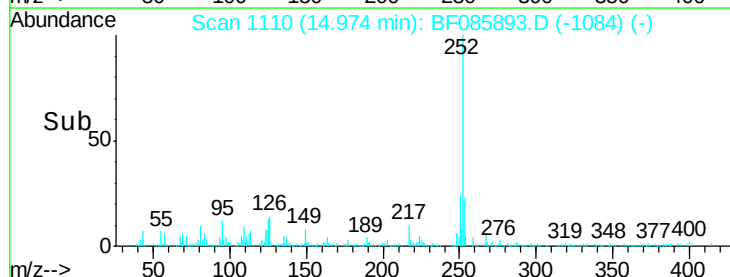
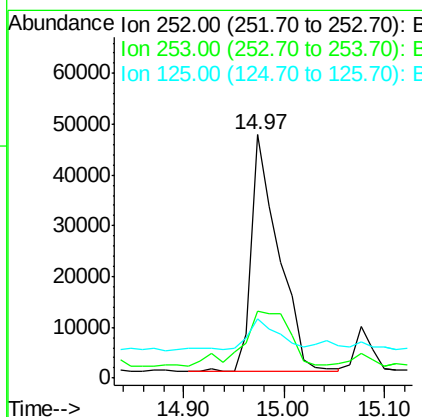
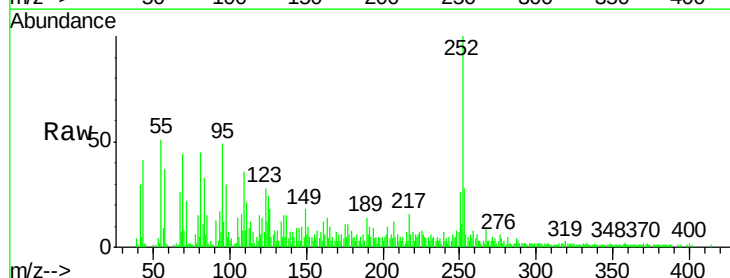
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	22.2	17.2	25.8

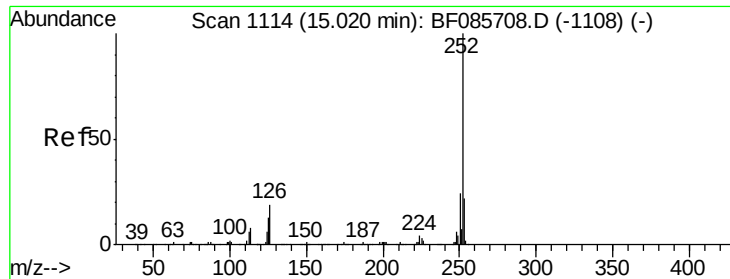


#87
Benzo(b)fluoranthene
Concen: 7.67 ng
RT: 14.97 min Scan# 1110
Delta R.T. -0.00 min
Lab File: BF085893.D
Acq: 30 Mar 2016 18:28

Tgt Ion: 252 Resp: 88426

Ion	Ratio	Lower	Upper
252	100		
253	27.7	17.6	26.4#
125	24.4	10.3	15.5#

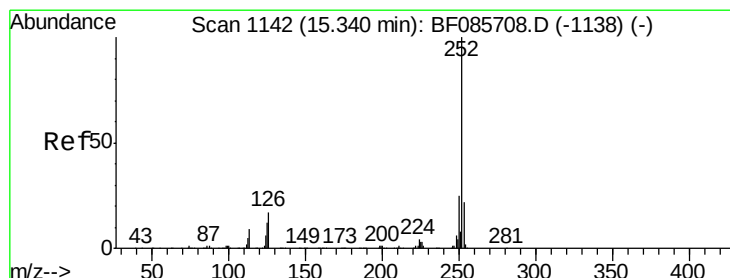
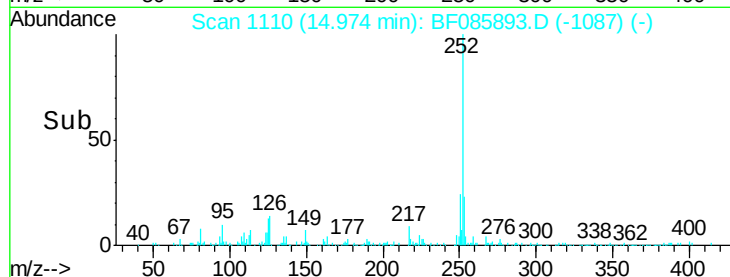
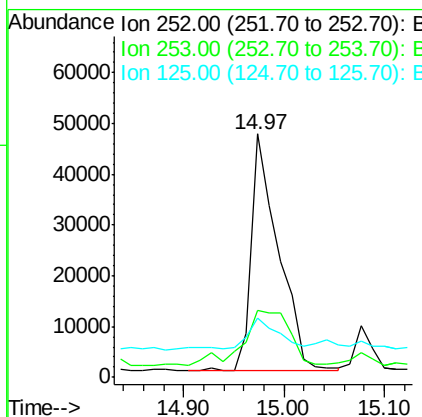
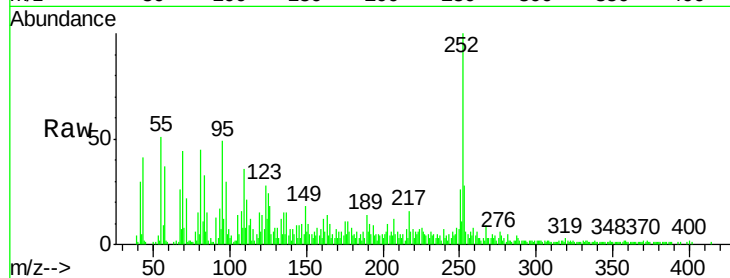




#88
Benzo(k)fluoranthene
Concen: 8.51 ng
RT: 14.97 min Scan# 1110
Delta R.T. -0.03 min
Lab File: BF085893.D
Acq: 30 Mar 2016 18:28

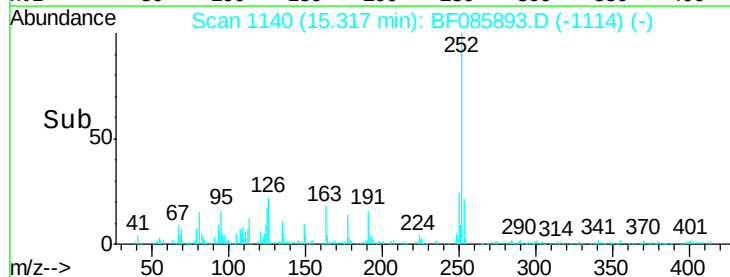
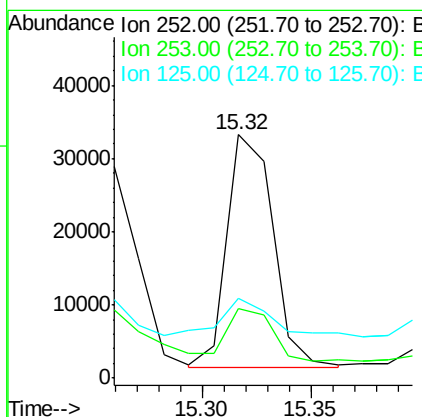
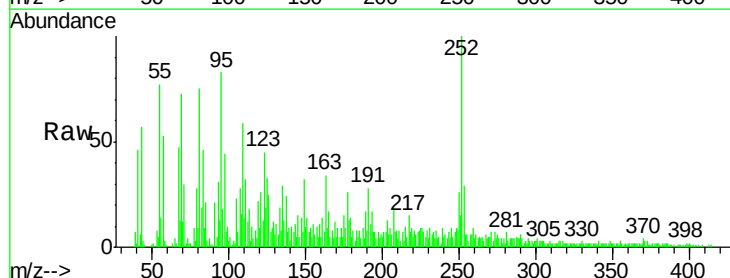
Instrument :
BNA_F
ClientSampleId :
TEC-B7COMP

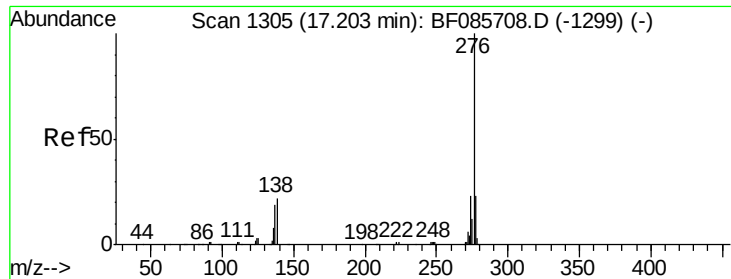
Tgt Ion:252 Resp: 88426
Ion Ratio Lower Upper
252 100
253 27.7 17.8 26.6#
125 24.4 7.7 11.5#



#89
Benzo(a)pyrene
Concen: 4.55 ng
RT: 15.32 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BF085893.D
Acq: 30 Mar 2016 18:28

Tgt Ion:252 Resp: 46632
Ion Ratio Lower Upper
252 100
253 28.7 17.4 26.0#
125 33.0 10.3 15.5#





#91
 Benzo(g,h,i)perylene
 Concen: 2.70 ng
 RT: 17.18 min Scan# 1303
 Delta R.T. 0.01 min
 Lab File: BF085893.D
 Acq: 30 Mar 2016 18:28

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B7COMP

Tgt Ion: 276 Resp: 26001
 Ion Ratio Lower Upper
 276 100
 277 31.5 18.8 28.2#
 138 32.7 22.6 34.0

