

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA F\Data\BF070116\
 Data File : BF088570.D
 Acq On : 1 Jul 2016 12:54
 Operator : UM/SJ
 Sample : H3808-06 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Quant Time: Jul 01 13:36:02 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

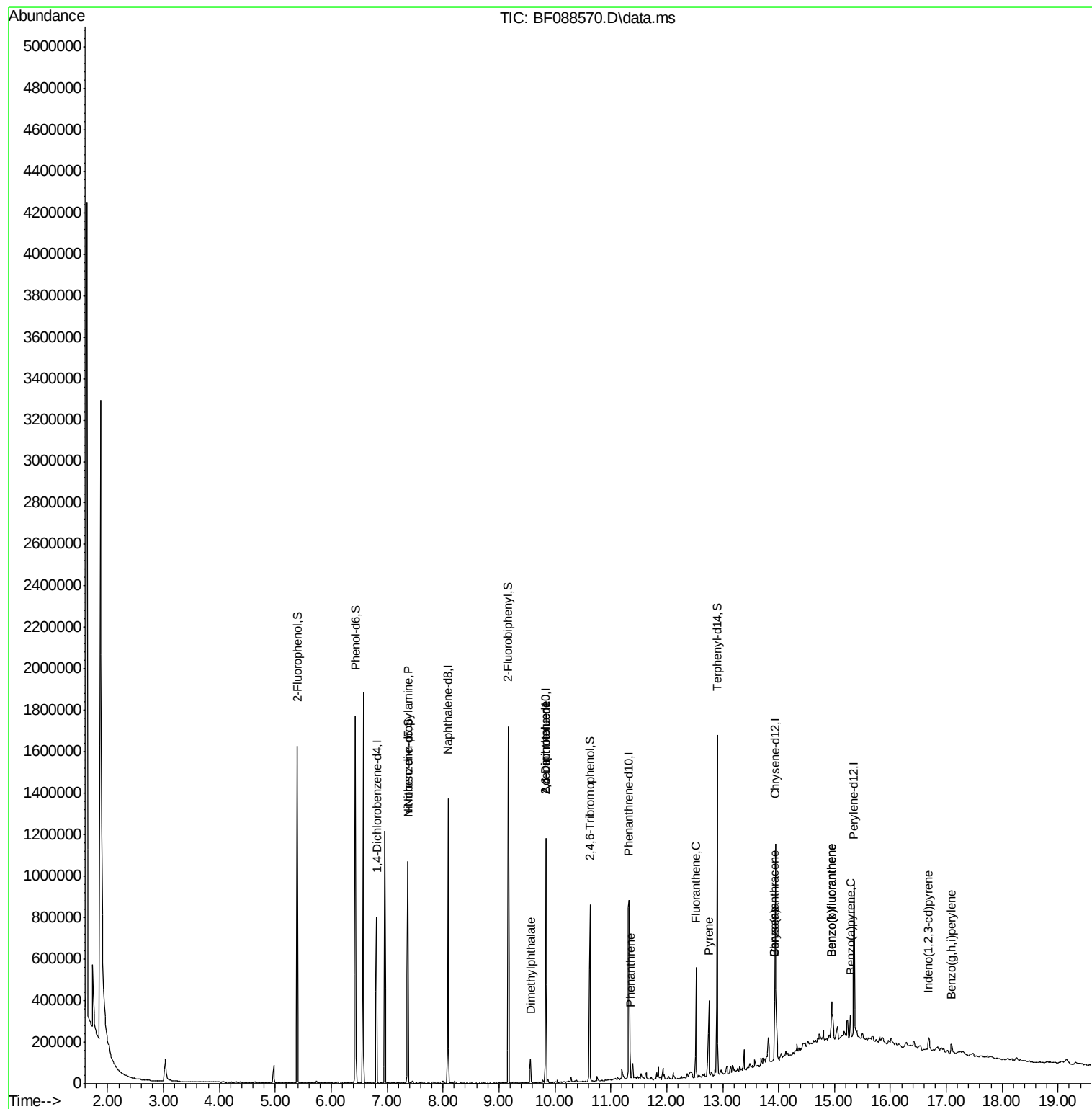
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	143373	20.00	ng	0.00
21) Naphthalene-d8	8.090	136	550015	20.00	ng	-0.01
38) Acenaphthene-d10	9.839	164	239514	20.00	ng	-0.01
63) Phenanthrene-d10	11.325	188	459559	20.00	ng	0.00
75) Chrysene-d12	13.942	240	306894	20.00	ng	-0.01
86) Perylene-d12	15.348	264	311443	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	435551	45.53	ng	-0.01
7) Phenol-d6	6.433	99	596724	48.27	ng	-0.01
23) Nitrobenzene-d5	7.370	82	400292	38.14	ng	-0.01
41) 2,4,6-Tribromophenol	10.628	330	118971	53.49	ng	-0.01
44) 2-Fluorobiphenyl	9.165	172	563832	37.18	ng	-0.01
78) Terphenyl-d14	12.902	244	451576	32.77	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.370	70	52584	6.33	ng	# 69
49) Dimethylphthalate	9.565	163	57968	3.40	ng	98
50) 2,6-Dinitrotoluene	9.839	165	30635	8.10	ng	# 40
56) 2,4-Dinitrotoluene	9.839	165	30636	6.20	ng	# 38
70) Phenanthrene	11.348	178	84253	3.35	ng	97
74) Fluoranthene	12.525	202	193182	7.59	ng	98
77) Pyrene	12.754	202	162161	6.23	ng	99
80) Benzo(a)anthracene	13.931	228	87699	4.44	ng	99
82) Chrysene	13.931	228	87699	4.49	ng	96
85) Indeno(1,2,3-cd)pyrene	16.686	276	37238	2.48	ng	# 100
87) Benzo(b)fluoranthene	14.948	252	119954	6.14	ng	# 90
88) Benzo(k)fluoranthene	14.948	252	119954	7.05	ng	# 95
89) Benzo(a)pyrene	15.291	252	63057	3.81	ng	96
91) Benzo(a,h,i)perylene	17.086	276	37240	2.61	ng	95

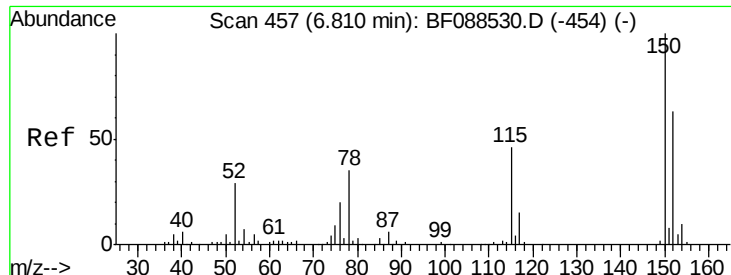
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA F\Data\BF070116\
Data File : BF088570.D
Acq On : 1 Jul 2016 12:54
Operator : UM/SJ
Sample : H3808-06 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

Quant Time: Jul 01 13:36:02 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 18:01:55 2016
Response via : Initial Calibration

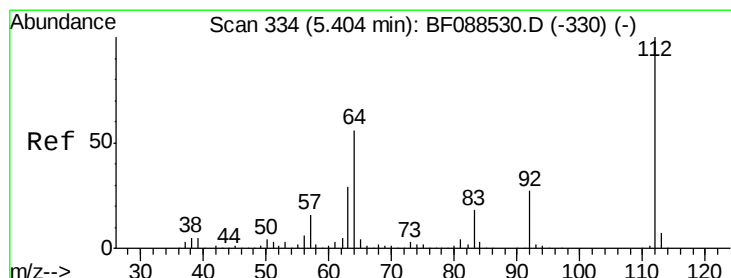
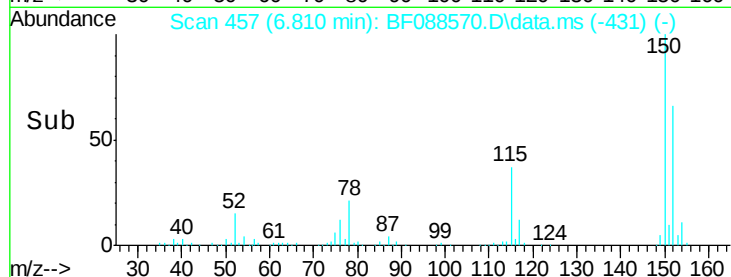
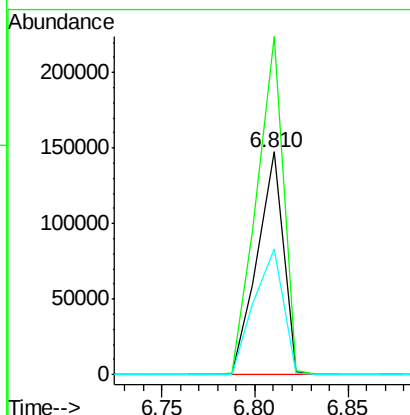
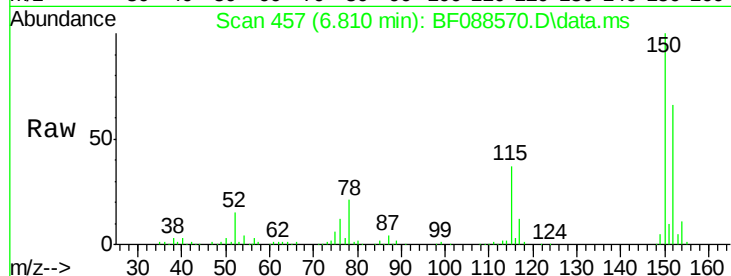




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.810 min Scan# 45
Delta R.T. -0.000 min
Lab File: BF088570.D
Acq: 1 Jul 2016 12:54

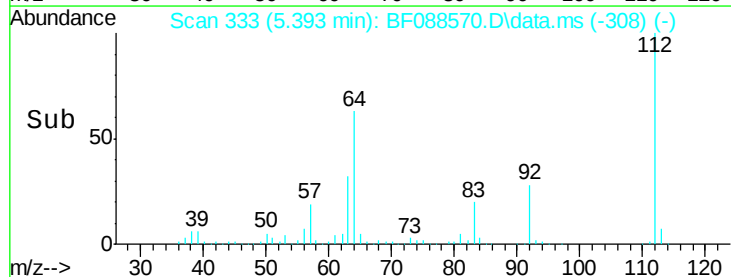
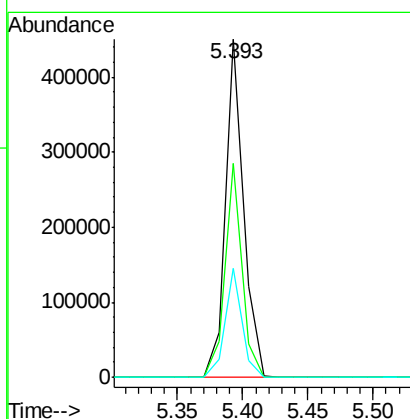
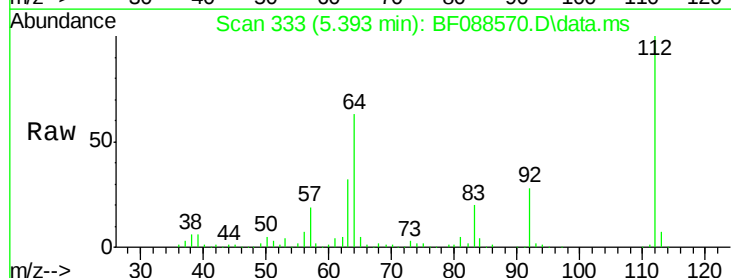
Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

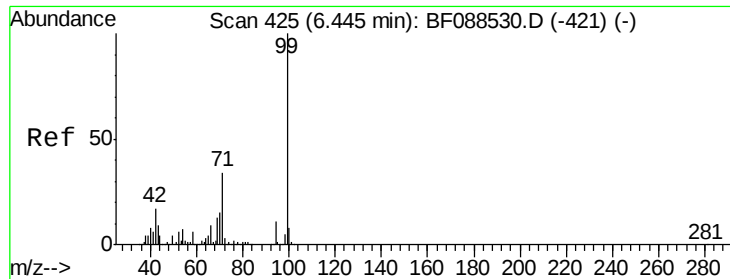
Tot Ion:152 Resp: 143373
Ion Ratio Lower Upper
152 100
150 151.8 123.8 185.6
115 56.7 39.6 59.4



#5
2-Fluorophenol
Concen: 45.53 ng
RT: 5.393 min Scan# 333
Delta R.T. -0.011 min
Lab File: BF088570.D
Acq: 1 Jul 2016 12:54

Tgt Ion:112 Resp: 435551
Ion Ratio Lower Upper
112 100
64 63.3 42.2 63.2#
63 32.4 21.8 32.8





#7

Phenol-d6

Concen: 48.27 ng

RT: 6.433 min Scan# 42

Delta R.T. -0.011 min

Lab File: BF088570.D

Acq: 1 Jul 2016 12:54

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

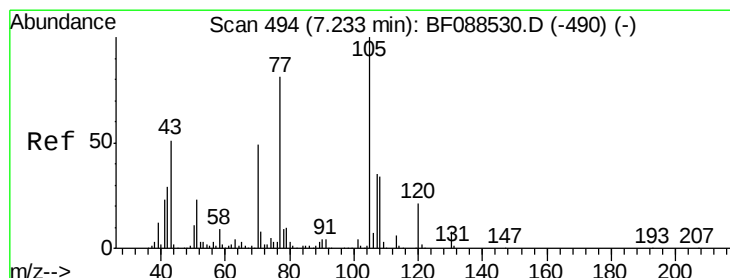
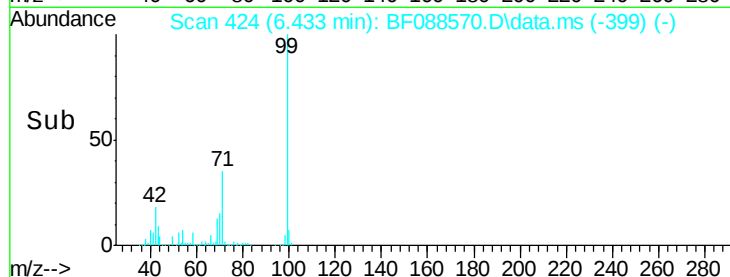
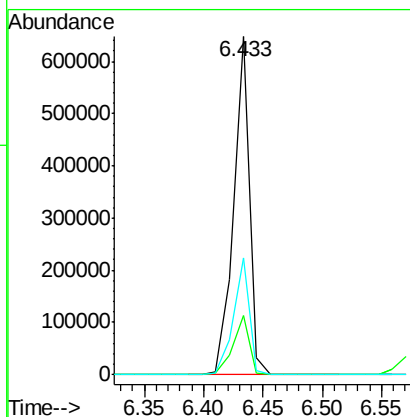
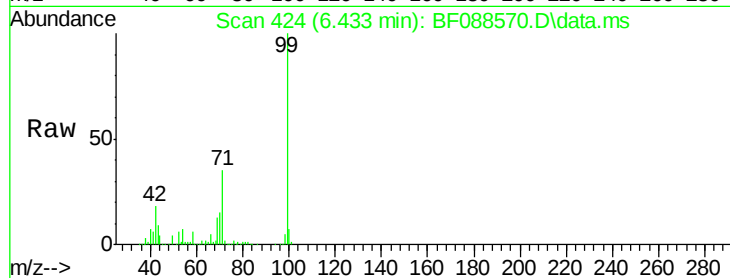
Tot Ion: 99 Resp: 596724

Ion Ratio Lower Upper

99 100

42 17.6 12.2 18.2

71 34.5 23.4 35.0



#19

n-Nitroso-di-n-propylamine

Concen: 6.33 ng

RT: 7.370 min Scan# 506

Delta R.T. 0.137 min

Lab File: BF088570.D

Acq: 1 Jul 2016 12:54

Tgt Ion: 70 Resp: 52584

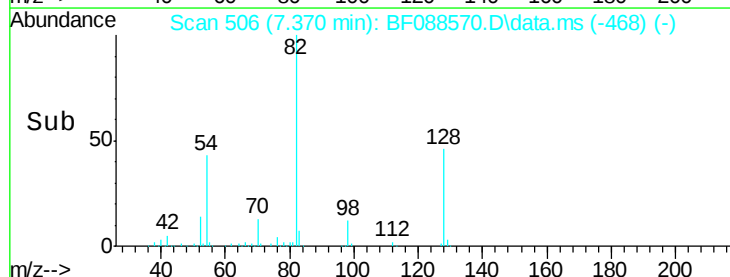
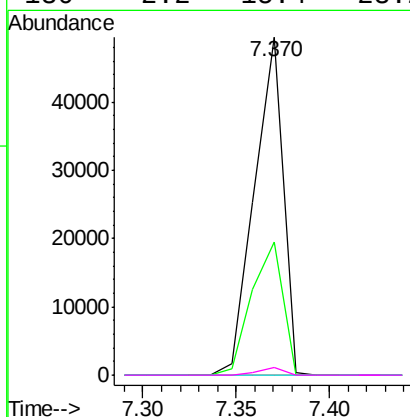
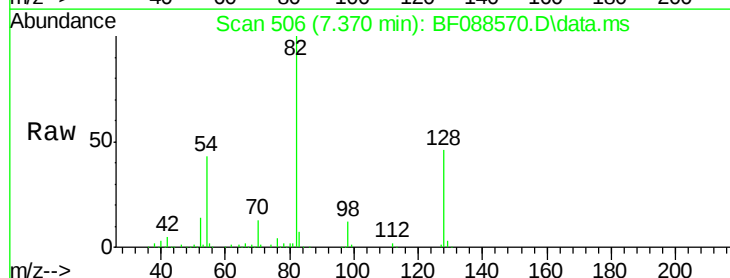
Ion Ratio Lower Upper

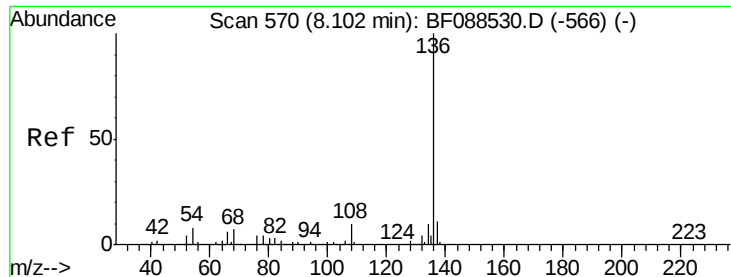
70 100

42 39.6 49.6 74.4#

101 0.0 7.1 10.7#

130 2.2 15.4 23.2#

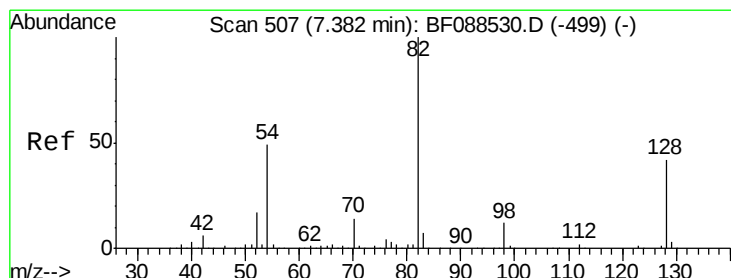
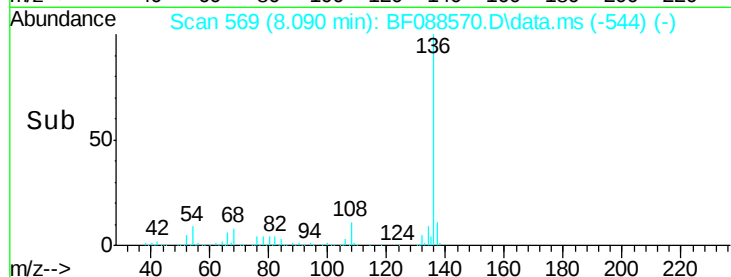
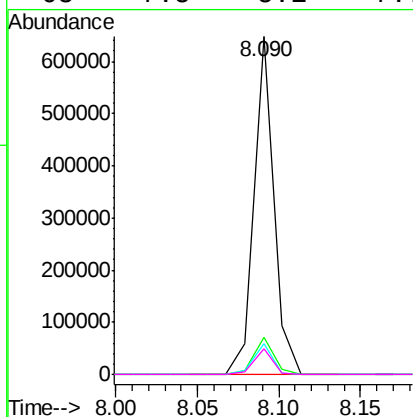
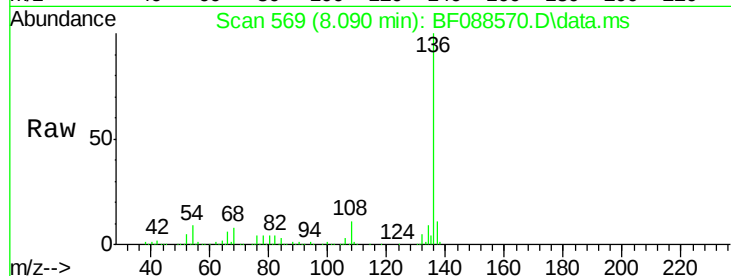




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.090 min Scan# 56
Delta R.T. -0.011 min
Lab File: BF088570.D
Acq: 1 Jul 2016 12:54

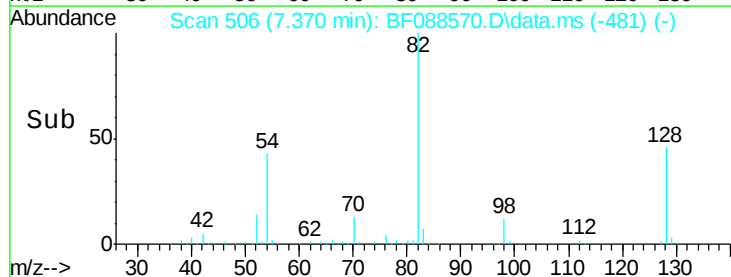
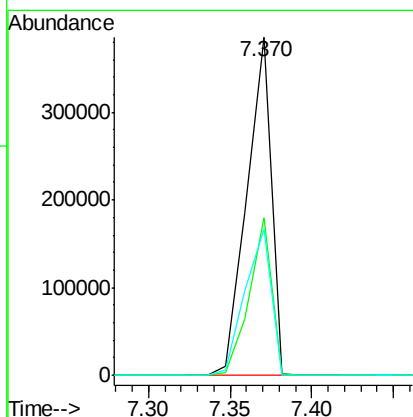
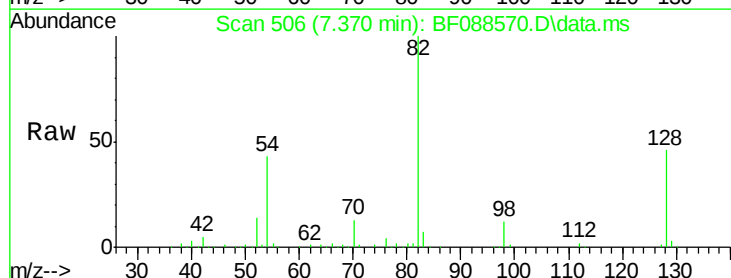
Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

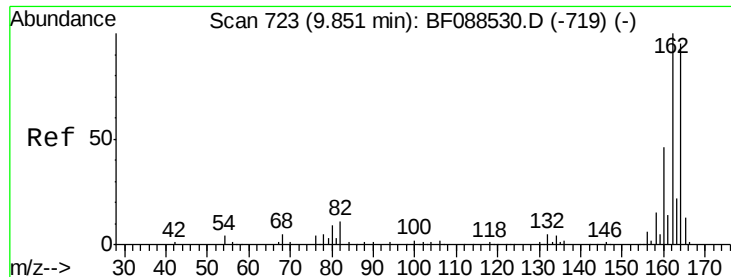
Tot Ion:136	Resp:	550015
Ion Ratio	Lower	Upper
136 100		
137 11.2	9.1	13.7
54 9.2	6.6	10.0
68 7.5	5.1	7.7



#23
Nitrobenzene-d5
Concen: 38.14 ng
RT: 7.370 min Scan# 506
Delta R.T. -0.011 min
Lab File: BF088570.D
Acq: 1 Jul 2016 12:54

Tgt Ion: 82	Resp:	400292
Ion Ratio	Lower	Upper
82 100		
128 46.5	35.9	53.9
54 43.1	40.9	61.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.839 min Scan# 72

Delta R.T. -0.011 min

Lab File: BF088570.D

Acq: 1 Jul 2016 12:54

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

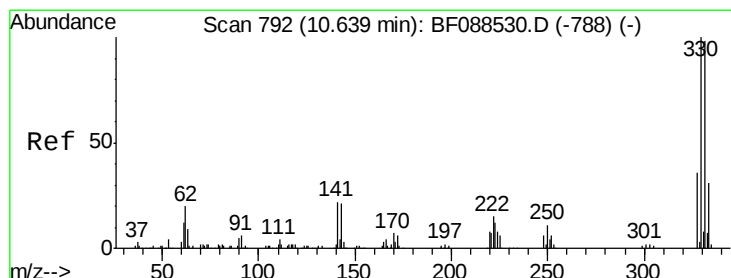
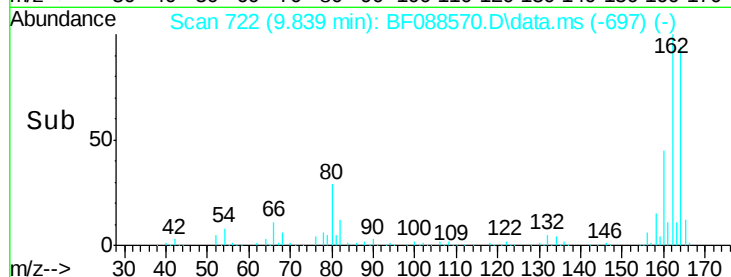
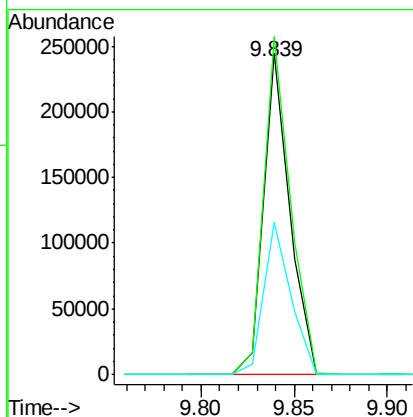
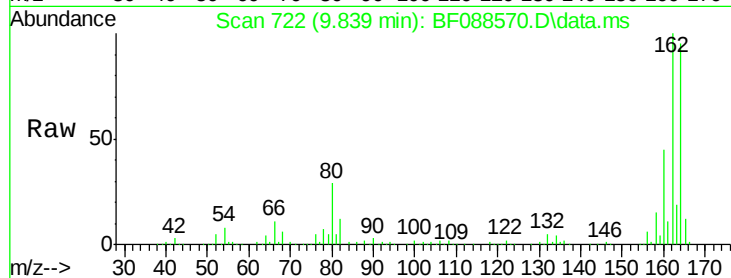
Tot Ion:164 Resp: 239514

Ion Ratio Lower Upper

164 100

162 105.1 85.4 128.2

160 47.4 39.5 59.3



#41

2,4,6-Tribromophenol

Concen: 53.49 ng

RT: 10.628 min Scan# 791

Delta R.T. -0.011 min

Lab File: BF088570.D

Acq: 1 Jul 2016 12:54

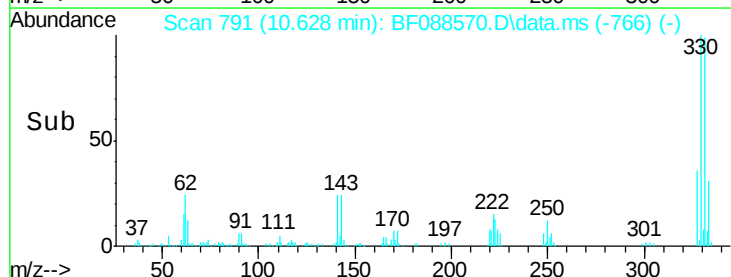
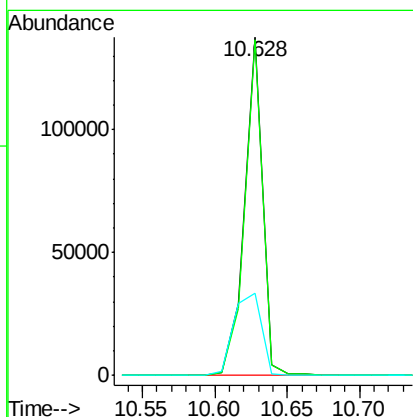
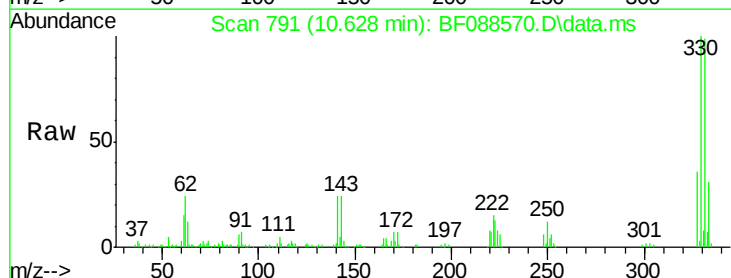
Tgt Ion:330 Resp: 118971

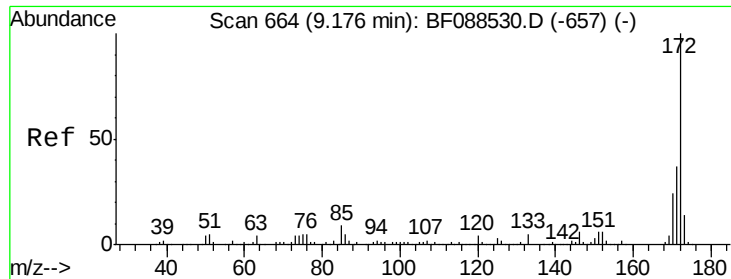
Ion Ratio Lower Upper

330 100

332 98.4 0.0 0.0#

141 37.5 0.0 0.0#

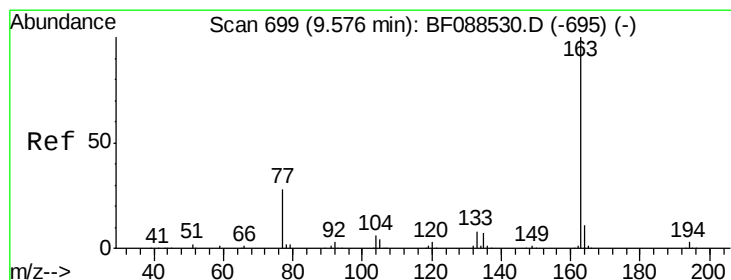
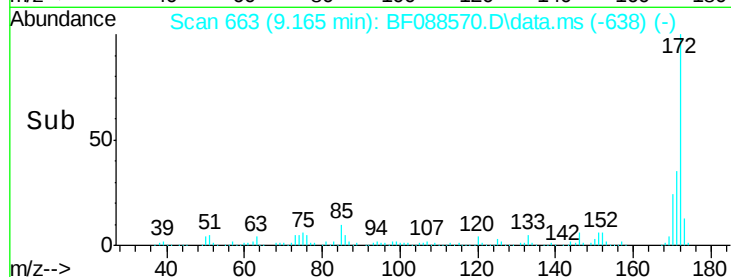
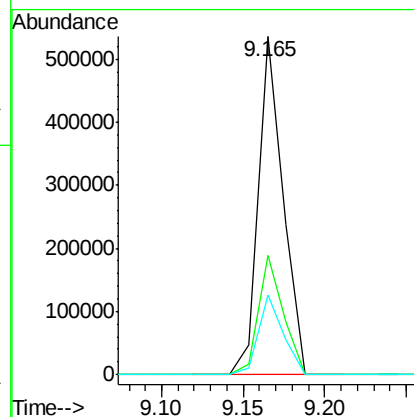
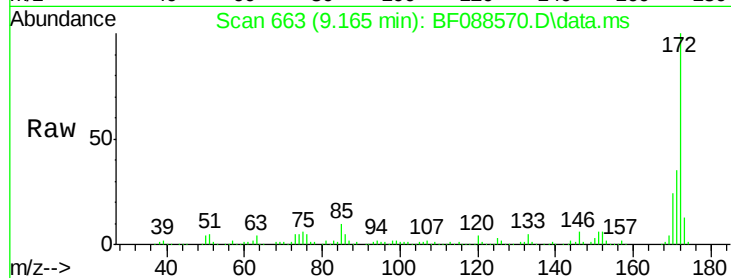




#44
2-Fluorobiphenyl
Concen: 37.18 ng
RT: 9.165 min Scan# 66
Delta R.T. -0.011 min
Lab File: BF088570.D
Acq: 1 Jul 2016 12:54

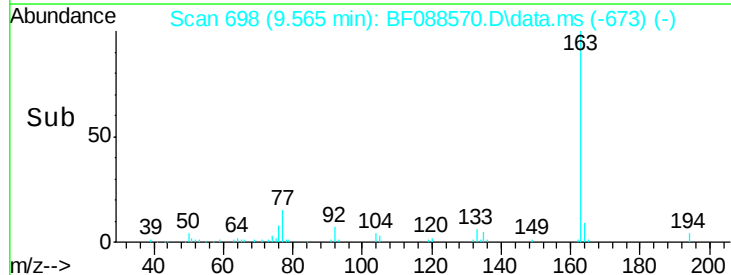
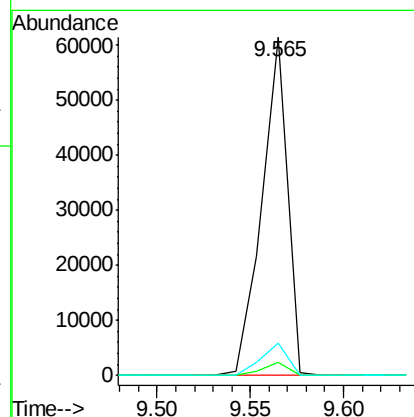
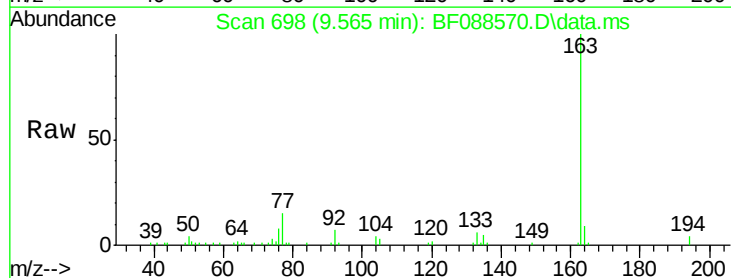
Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

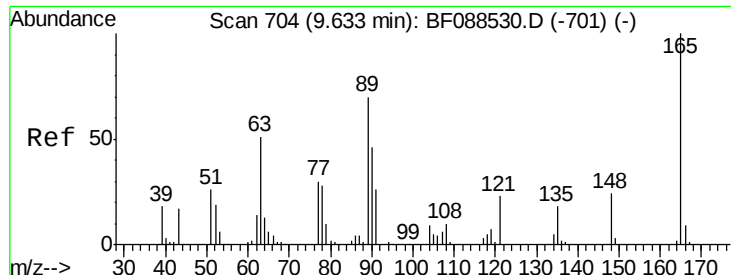
Tot Ion:172 Resp: 563832
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 23.6 19.2 28.8



#49
Dimethylphthalate
Concen: 3.40 ng
RT: 9.565 min Scan# 698
Delta R.T. -0.011 min
Lab File: BF088570.D
Acq: 1 Jul 2016 12:54

Tgt Ion:163 Resp: 57968
Ion Ratio Lower Upper
163 100
194 4.0 2.8 4.2
164 9.5 8.3 12.5

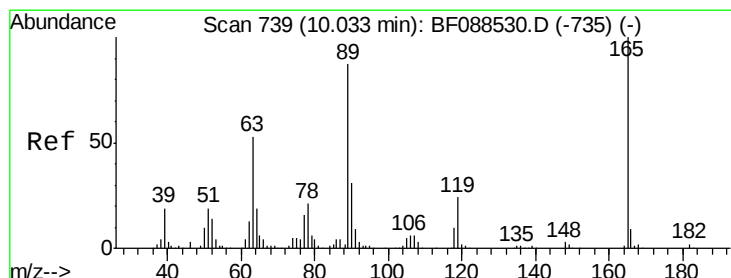
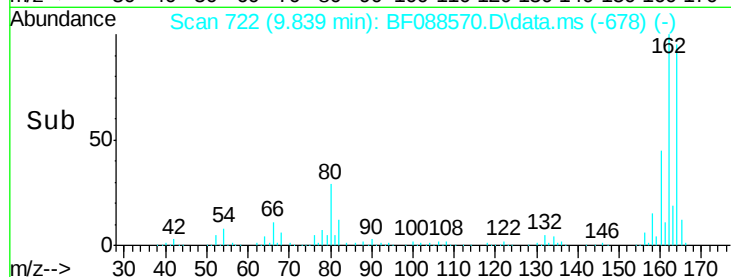
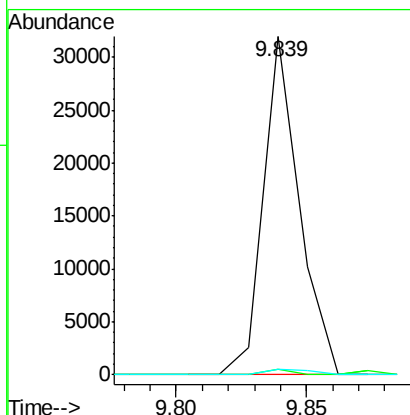
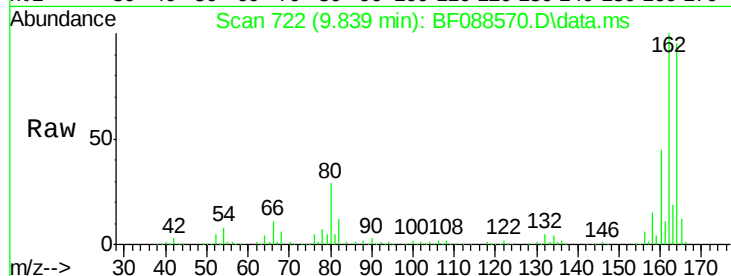




#50
 2,6-Dinitrotoluene
 Concen: 8.10 ng
 RT: 9.839 min Scan# 72
 Delta R.T. 0.206 min
 Lab File: BF088570.D
 Acq: 1 Jul 2016 12:54

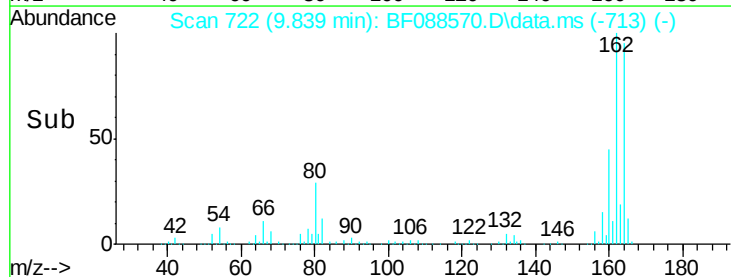
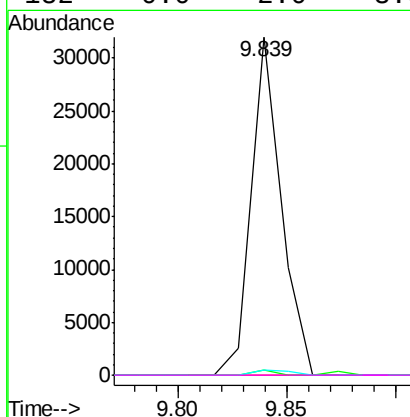
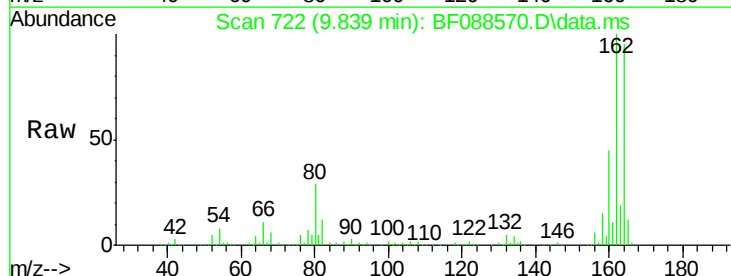
Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

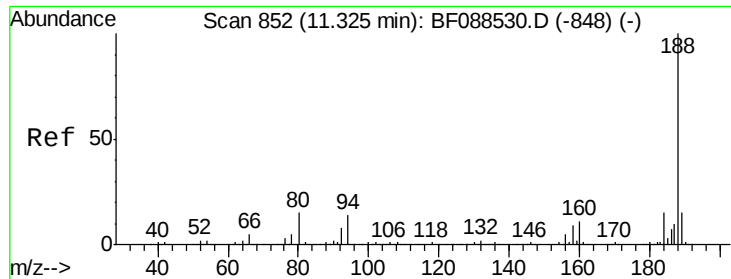
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	28.1	42.1#
89	1.6	32.2	48.2#



#56
 2,4-Dinitrotoluene
 Concen: 6.20 ng
 RT: 9.839 min Scan# 722
 Delta R.T. -0.194 min
 Lab File: BF088570.D
 Acq: 1 Jul 2016 12:54

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	22.0	33.0#
89	1.6	41.1	61.7#
182	0.0	2.0	3.0#

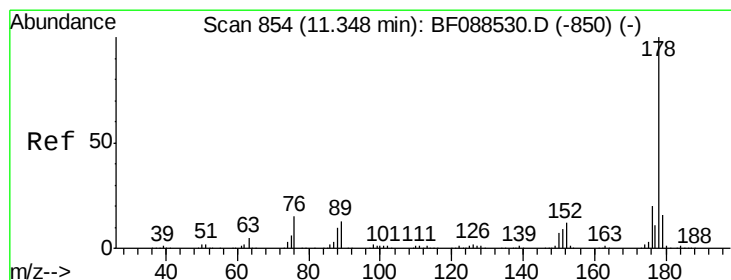
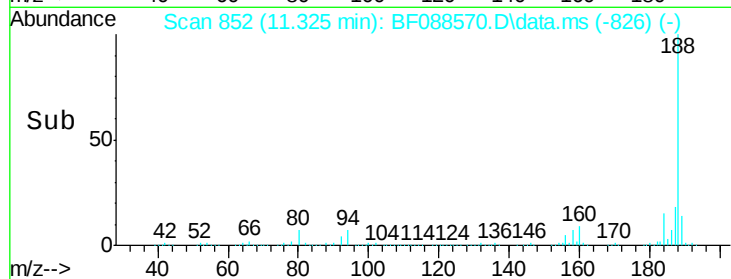
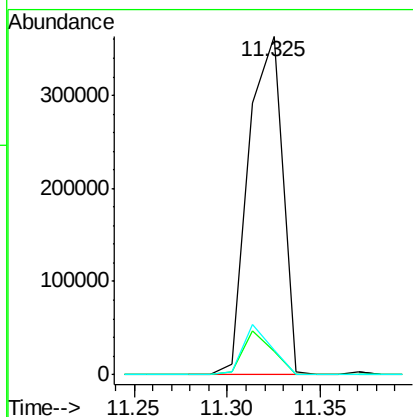
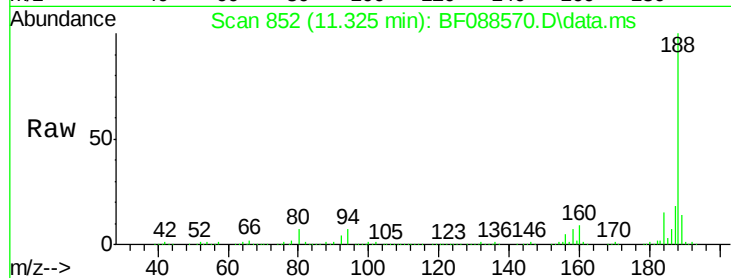




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.325 min Scan# 85
Delta R.T. -0.000 min
Lab File: BF088570.D
Acq: 1 Jul 2016 12:54

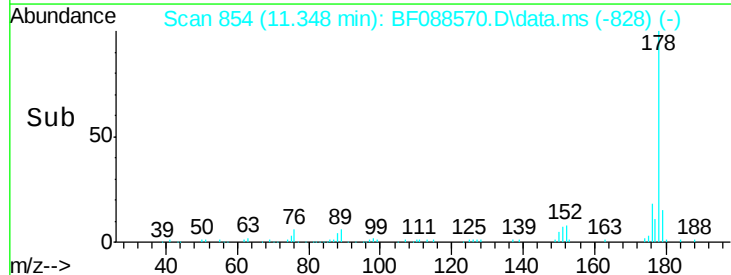
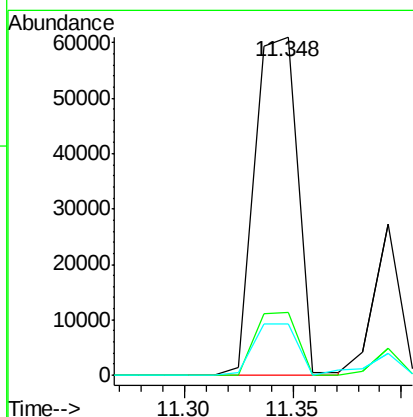
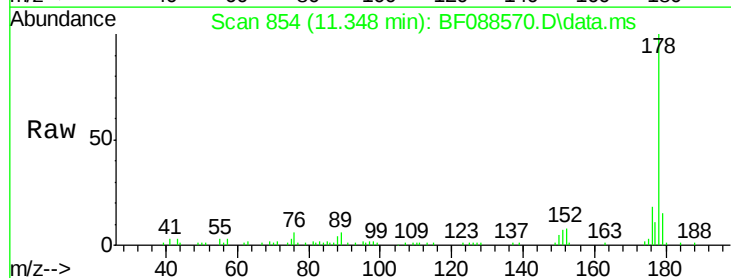
Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

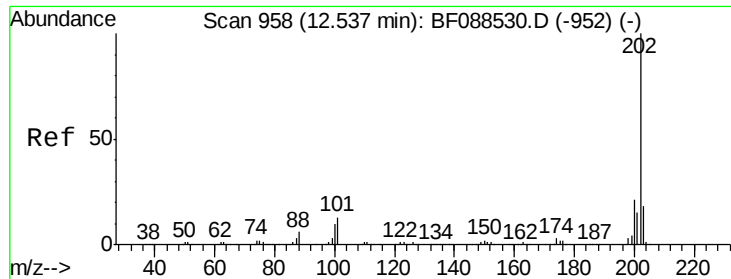
Tot Ion:188 Resp: 459559
Ion Ratio Lower Upper
188 100
94 7.0 9.0 13.6#
80 7.1 10.0 15.0#



#70
Phenanthrene
Concen: 3.35 ng
RT: 11.348 min Scan# 854
Delta R.T. 0.000 min
Lab File: BF088570.D
Acq: 1 Jul 2016 12:54

Tgt Ion:178 Resp: 84253
Ion Ratio Lower Upper
178 100
176 18.5 15.8 23.6
179 15.1 13.0 19.4

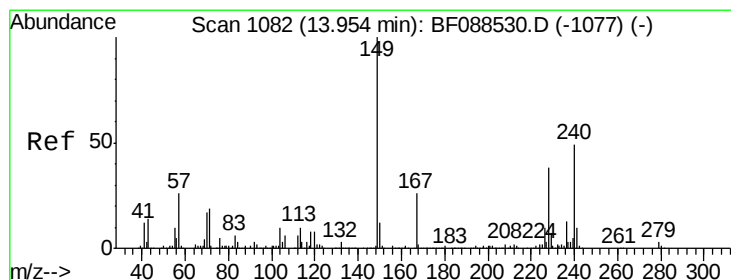
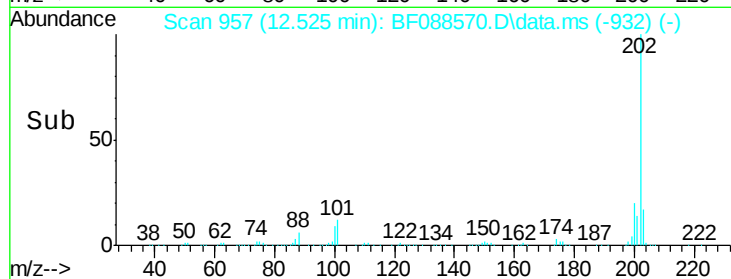
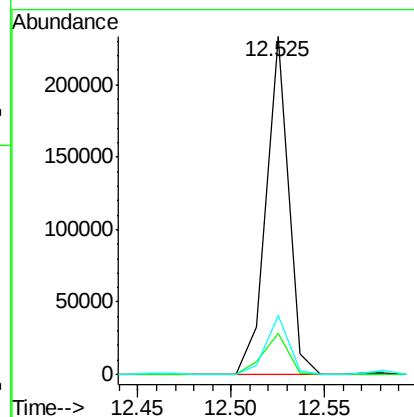
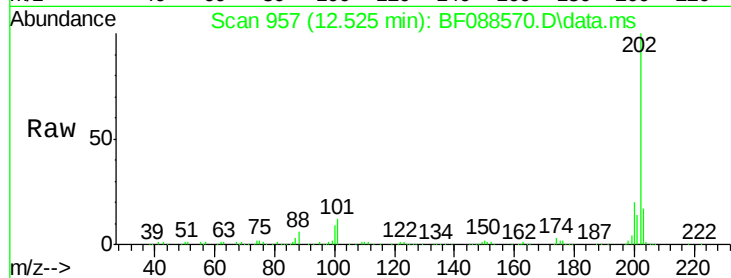




#74
Fluoranthene
Concen: 7.59 ng
RT: 12.525 min Scan# 95
Delta R.T. -0.011 min
Lab File: BF088570.D
Acq: 1 Jul 2016 12:54

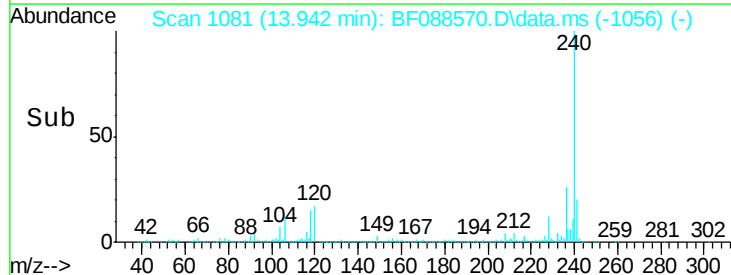
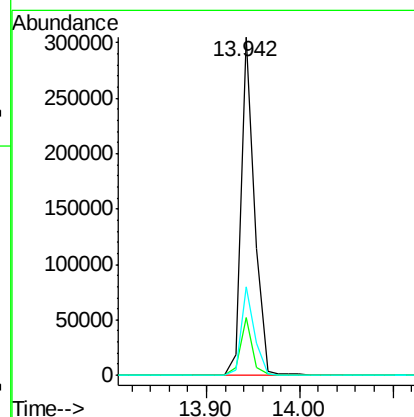
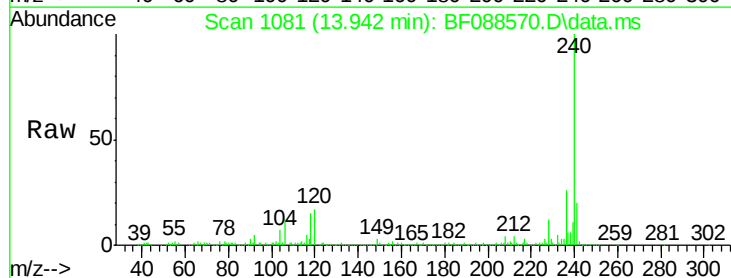
Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

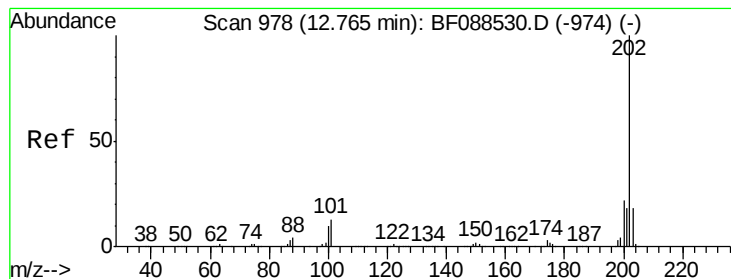
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	33.1
203	17.3	0.0	38.1



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.942 min Scan# 1081
Delta R.T. -0.011 min
Lab File: BF088570.D
Acq: 1 Jul 2016 12:54

Tgt Ion	Ratio	Lower	Upper
240	100		
120	17.0	6.8	10.2#
236	26.3	20.2	30.2





#77

Pvrene

Concen: 6.23 ng

RT: 12.754 min Scan# 97

Delta R.T. -0.011 min

Lab File: BF088570.D

Acq: 1 Jul 2016 12:54

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

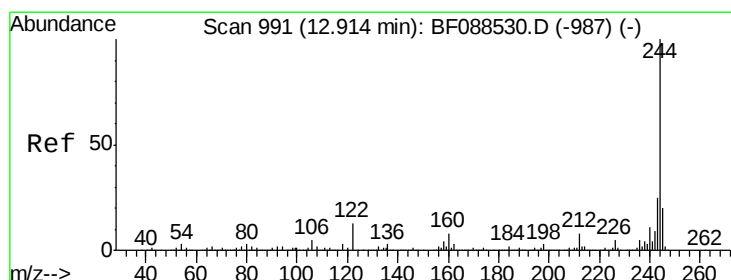
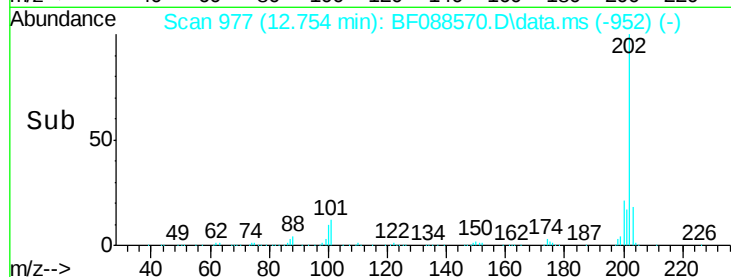
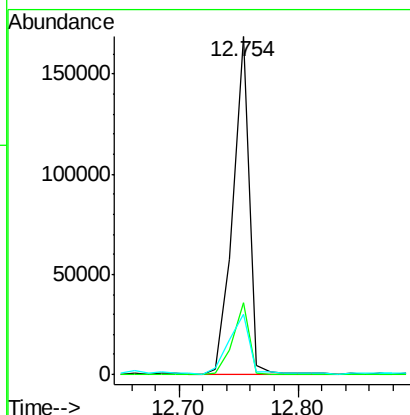
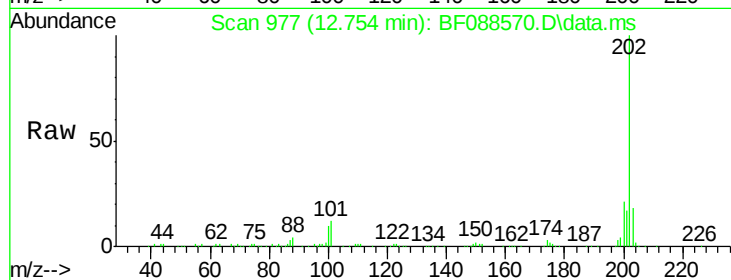
Tot Ion:202 Resp: 162161

Ion Ratio Lower Upper

202 100

200 21.1 17.4 26.2

203 17.8 14.5 21.7



#78

Terphenyl-d14

Concen: 32.77 ng

RT: 12.902 min Scan# 990

Delta R.T. -0.011 min

Lab File: BF088570.D

Acq: 1 Jul 2016 12:54

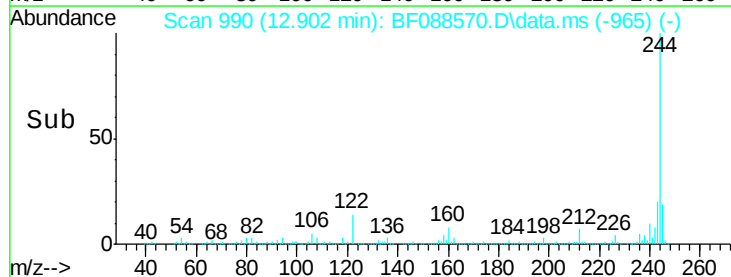
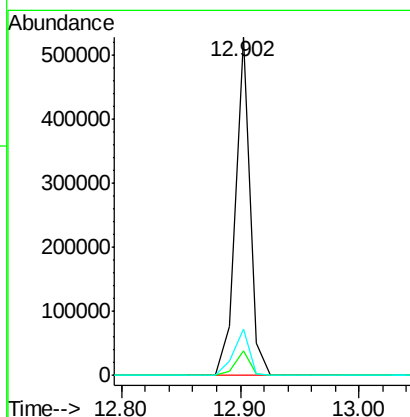
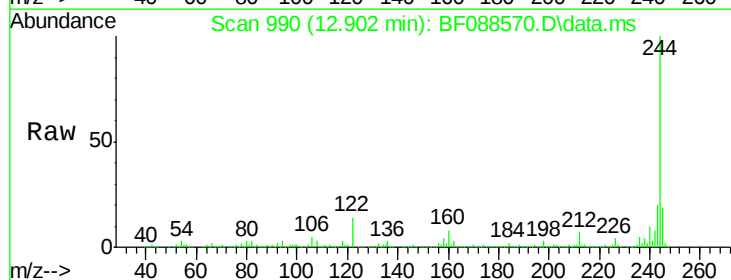
Tgt Ion:244 Resp: 451576

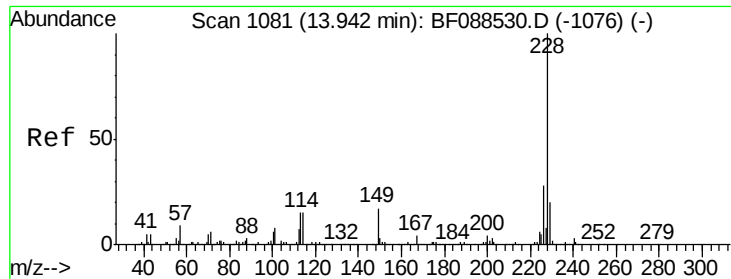
Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 13.6 11.2 16.8





#80

Benzo(a)anthracene

Concen: 4.44 ng

RT: 13.931 min Scan# 1080

Delta R.T. -0.011 min

Lab File: BF088570.D

Acq: 1 Jul 2016 12:54

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

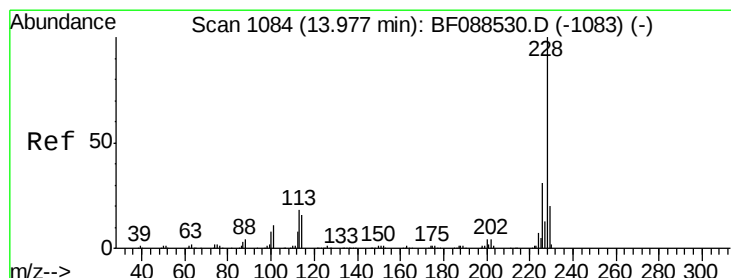
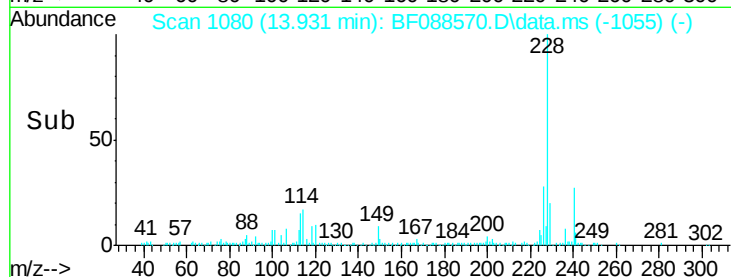
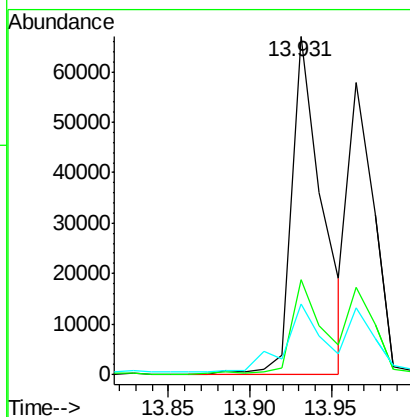
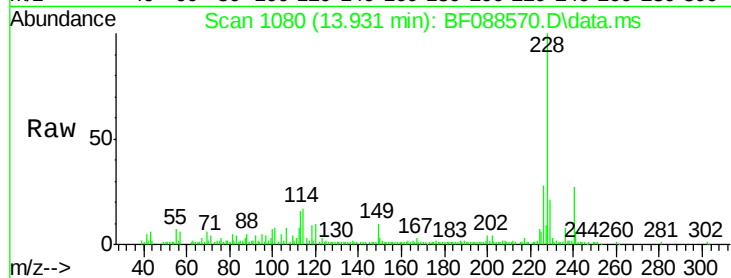
Tot Ion:228 Resp: 87699

Ion Ratio Lower Upper

228 100

226 28.1 22.3 33.5

229 20.8 16.0 24.0



#82

Chrysene

Concen: 4.49 ng

RT: 13.931 min Scan# 1080

Delta R.T. -0.046 min

Lab File: BF088570.D

Acq: 1 Jul 2016 12:54

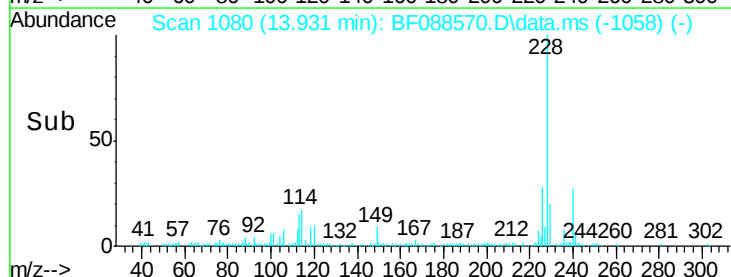
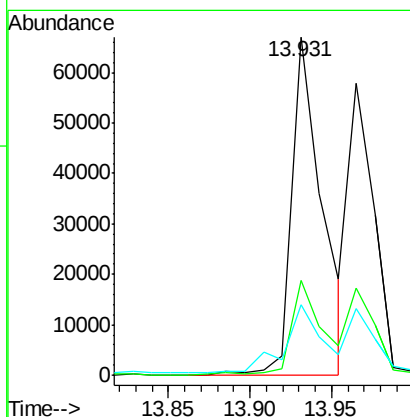
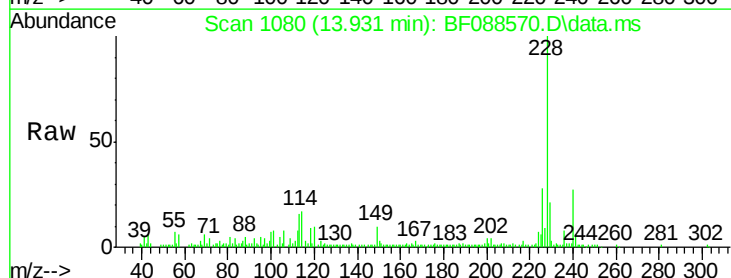
Tgt Ion:228 Resp: 87699

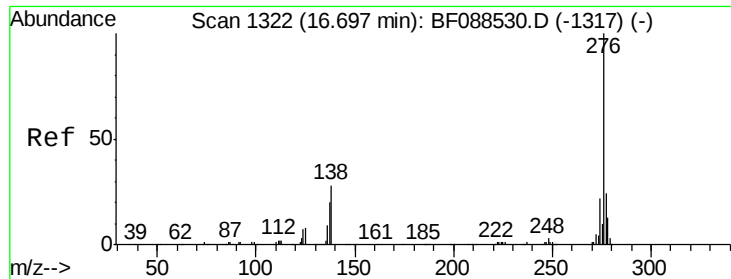
Ion Ratio Lower Upper

228 100

226 28.1 25.4 38.2

229 20.8 16.3 24.5





#85

Indeno(1,2,3-cd)pyrene

Concen: 2.48 ng

RT: 16.686 min Scan# 1322

Delta R.T. -0.011 min

Lab File: BF088570.D

Acq: 1 Jul 2016 12:54

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

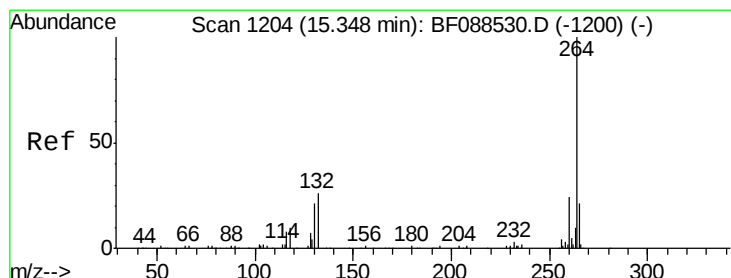
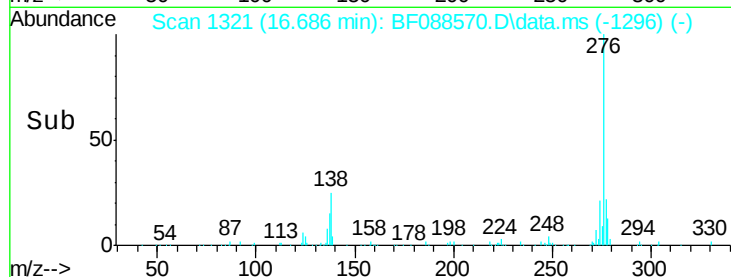
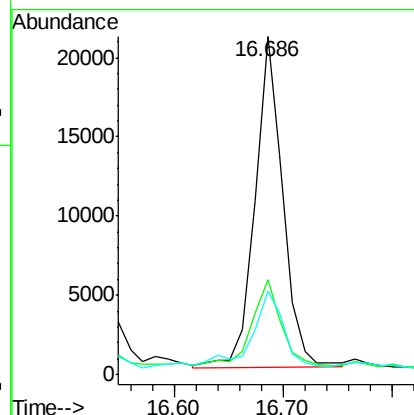
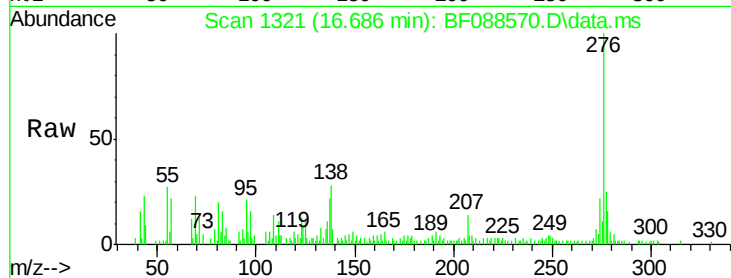
Tot Ion:276 Resp: 37238

Ion Ratio Lower Upper

276 100

138 26.9 0.0 0.0#

277 28.2 0.0 0.0#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.348 min Scan# 1204

Delta R.T. 0.000 min

Lab File: BF088570.D

Acq: 1 Jul 2016 12:54

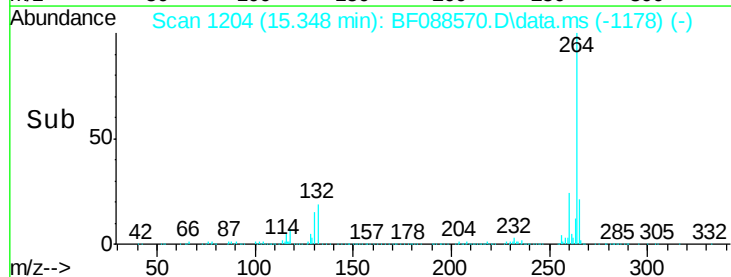
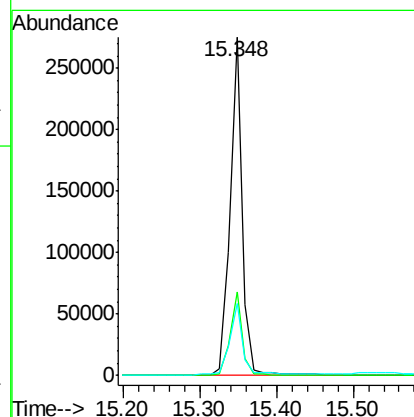
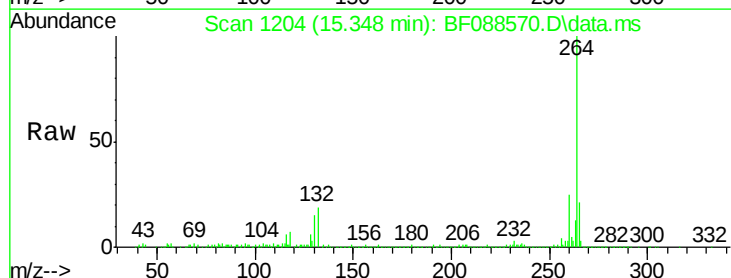
Tgt Ion:264 Resp: 311443

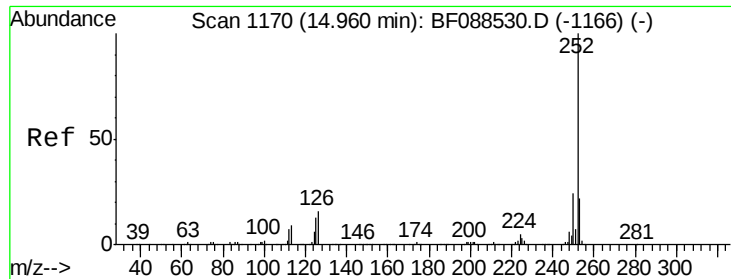
Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 21.4 16.9 25.3





#87

Benzo(b)fluoranthene

Concen: 6.14 ng

RT: 14.948 min Scan# 1169

Delta R.T. -0.011 min

Lab File: BF088570.D

Acq: 1 Jul 2016 12:54

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

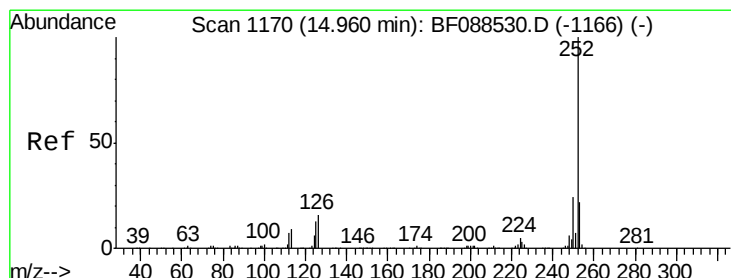
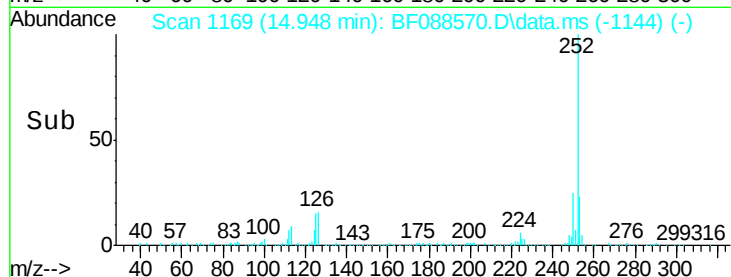
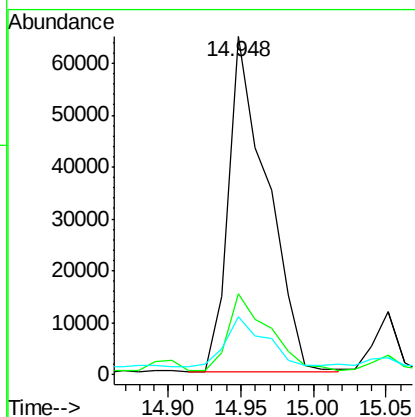
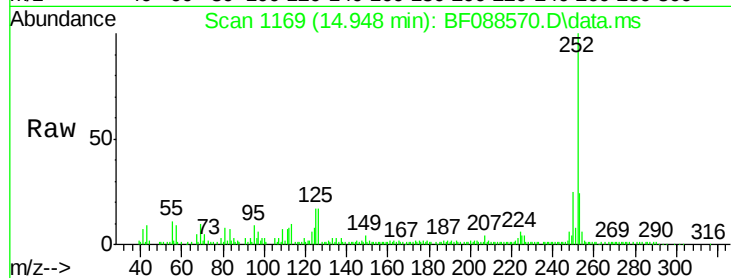
Tot Ion:252 Resp: 119954

Ion Ratio Lower Upper

252 100

253 24.0 17.4 26.2

125 17.0 7.1 10.7#



#88

Benzo(k)fluoranthene

Concen: 7.05 ng

RT: 14.948 min Scan# 1169

Delta R.T. -0.034 min

Lab File: BF088570.D

Acq: 1 Jul 2016 12:54

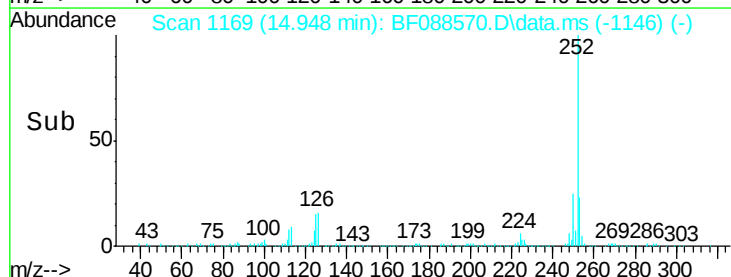
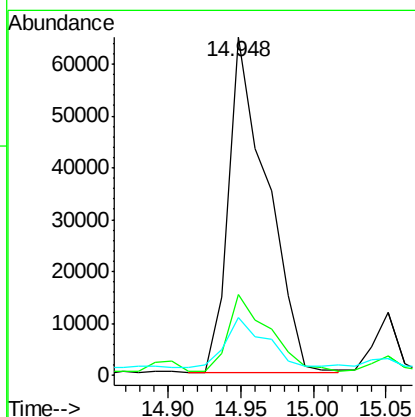
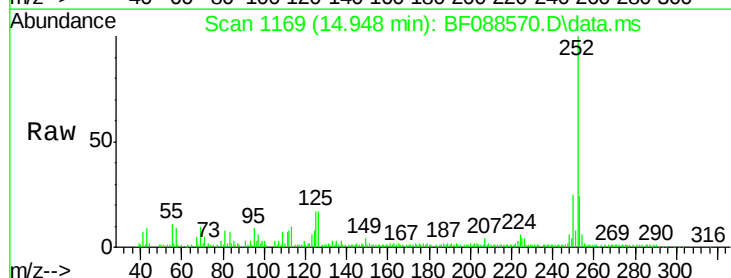
Tgt Ion:252 Resp: 119954

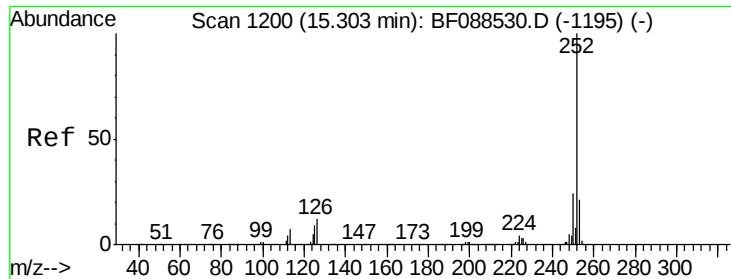
Ion Ratio Lower Upper

252 100

253 24.0 18.0 27.0

125 17.0 11.2 16.8#





#89

Benzo(a)pyrene

Concen: 3.81 ng

RT: 15.291 min Scan# 11

Delta R.T. -0.011 min

Lab File: BF088570.D

Acq: 1 Jul 2016 12:54

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

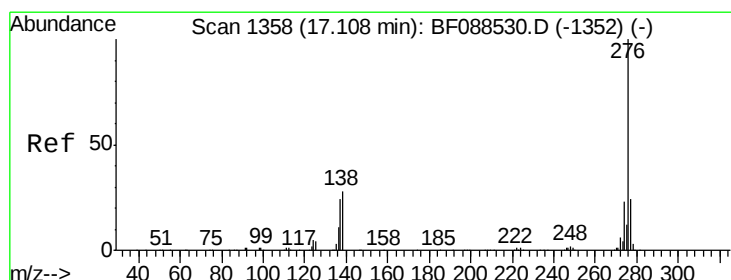
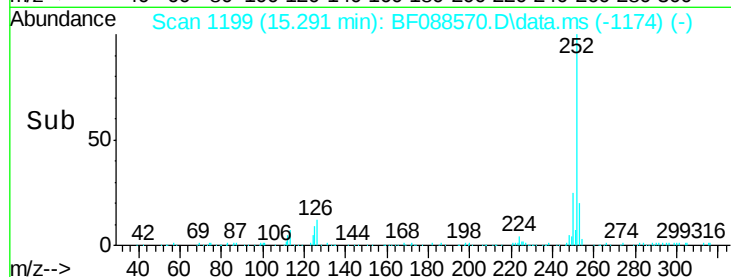
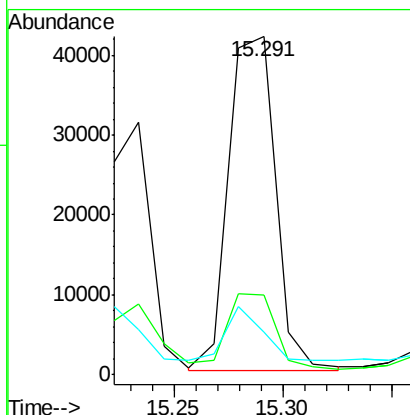
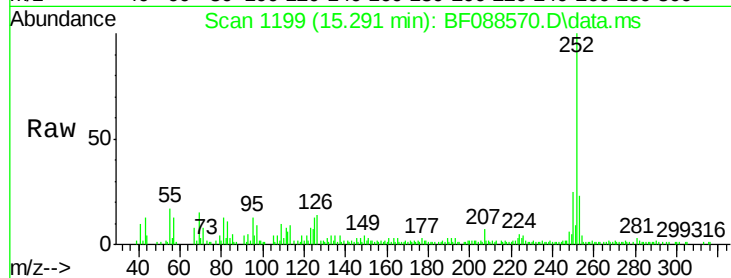
Tot Ion:252 Resp: 63057

Ion Ratio Lower Upper

252 100

253 23.4 17.9 26.9

125 12.6 12.5 18.7



#91

Benzo(g,h,i)perylene

Concen: 2.61 ng

RT: 17.086 min Scan# 1356

Delta R.T. -0.023 min

Lab File: BF088570.D

Acq: 1 Jul 2016 12:54

Tgt Ion:276 Resp: 37240

Ion Ratio Lower Upper

276 100

277 25.8 18.9 28.3

138 30.1 21.4 32.2

