

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091222\
 Data File : BF130216.D
 Acq On : 06 Feb 2006 03:04
 Operator : CG\JU
 Sample : N4572-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

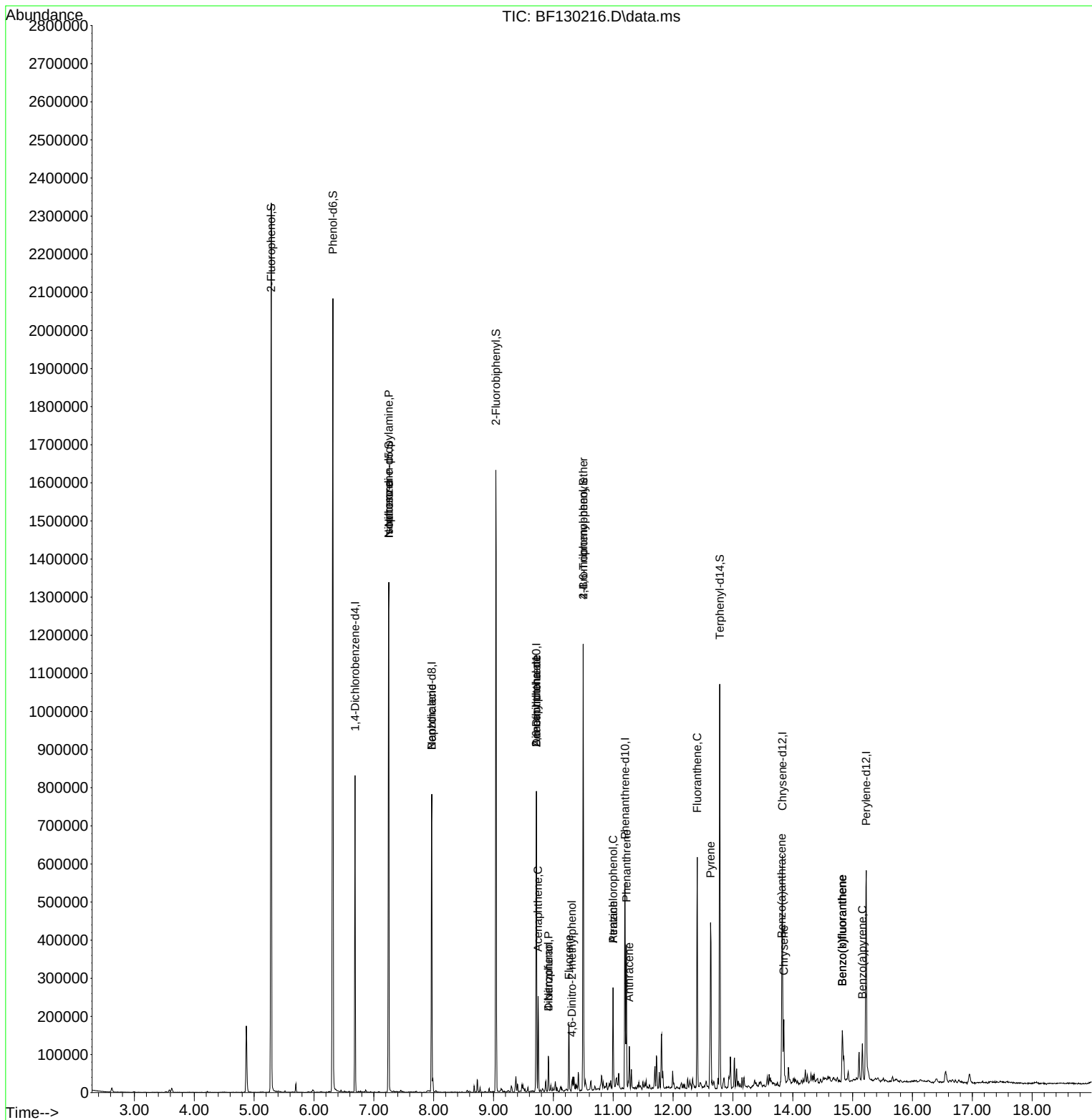
Quant Time: Sep 13 14:28:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 07 02:05:07 2022
 Response via : Initial Calibration

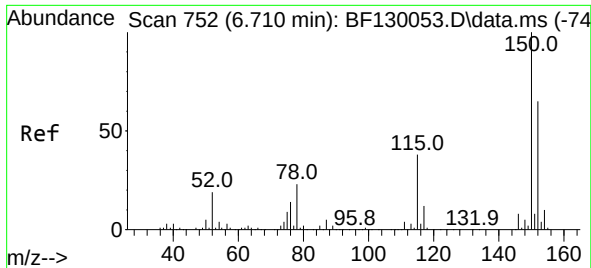
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.687	152	100670	20.000	ng	-0.01
21) Naphthalene-d8	7.969	136	329350	20.000	ng	-0.01
39) Acenaphthene-d10	9.716	164	141601	20.000	ng	-0.02
64) Phenanthrene-d10	11.198	188	192149	20.000	ng	-0.01
76) Chrysene-d12	13.827	240	172681	20.000	ng	-0.02
86) Perylene-d12	15.227	264	226476	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	621075	104.735	ng	-0.01
7) Phenol-d6	6.316	99	650428	87.980	ng	-0.02
23) Nitrobenzene-d5	7.251	82	422029	82.351	ng	-0.02
42) 2,4,6-Tribromophenol	10.498	330	108510	84.184	ng	-0.02
45) 2-Fluorobiphenyl	9.039	172	465464	54.500	ng	-0.02
79) Terphenyl-d14	12.780	244	304472	30.576	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.251	70	56598	12.708	ng	# 76
25) Isophorone	7.251	82	419168	40.411	ng	# 65
32) Benzoic acid	7.969	122	112	6.599	ng	# 1
50) Dimethylphthalate	9.716	163	26482	2.746	ng	# 1
51) 2,6-Dinitrotoluene	9.716	165	18436	9.804	ng	# 23
52) Acenaphthene	9.745	154	46402	5.882	ng	98
55) Dibenzofuran	9.916	168	26090	2.310	ng	# 88
56) 4-Nitrophenol	9.916	139	11763	7.069	ng	# 8
58) Fluorene	10.263	166	44935	5.228	ng	96
65) 4,6-Dinitro-2-methylph...	10.310	198	491	6.554	ng	# 62
67) 4-Bromophenyl-phenylether	10.498	248	6934	3.244	ng	# 1
69) Atrazine	10.998	200	4786	2.634	ng	# 36
70) Pentachlorophenol	10.998	266	23048	17.698	ng	91
71) Phenanthrene	11.222	178	138509	13.292	ng	99
72) Anthracene	11.269	178	34359	3.354	ng	100
75) Fluoranthene	12.404	202	214043	20.714	ng	99
78) Pyrene	12.627	202	168834	10.901	ng	98
81) Benzo(a)anthracene	13.816	228	60533	5.115	ng	96
83) Chrysene	13.851	228	53641	4.598	ng	97
88) Benzo(b)fluoranthene	14.827	252	87189	5.773	ng	97
89) Benzo(k)fluoranthene	14.827	252	87189	5.969	ng	96
90) Benzo(a)pyrene	15.163	252	41019	3.418	ng	97

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

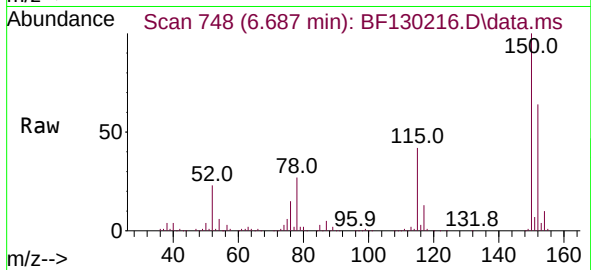
Quant Time: Sep 13 14:28:41 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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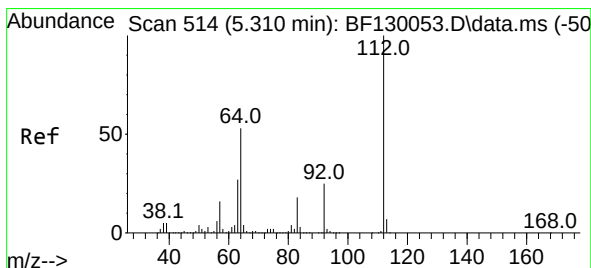
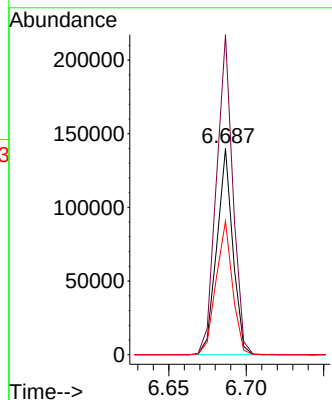
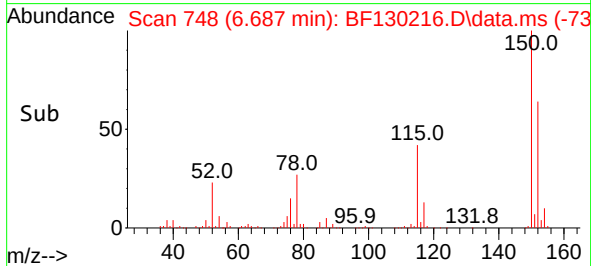


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.687 min Scan# 74
 Delta R.T. -0.011 min
 Lab File: BF130216.D
 Acq: 06 Feb 2006 03:04

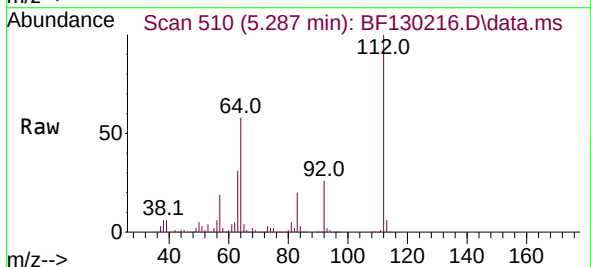
Instrument :
 BNA_F
 ClientSampleId :



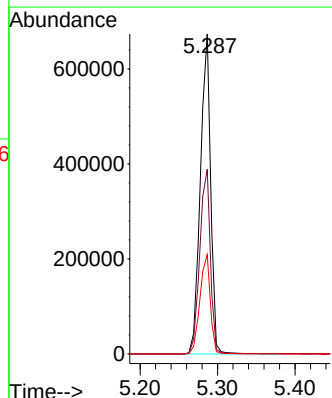
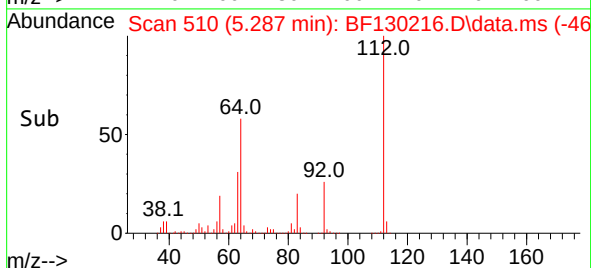
Tgt Ion:152 Resp: 100670
 Ion Ratio Lower Upper
 152 100
 150 155.1 126.9 190.3
 115 64.7 53.4 80.0

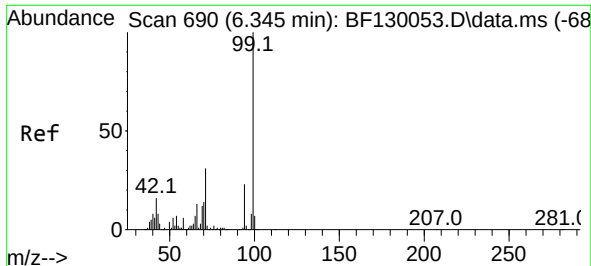


#5
 2-Fluorophenol
 Concen: 104.735 ng
 RT: 5.287 min Scan# 510
 Delta R.T. -0.012 min
 Lab File: BF130216.D
 Acq: 06 Feb 2006 03:04



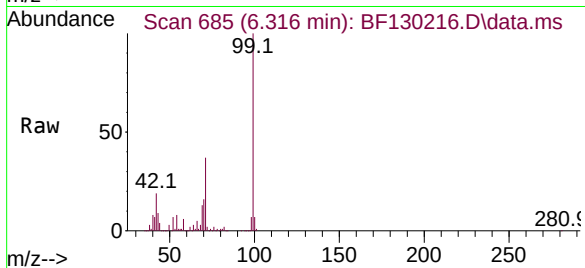
Tgt Ion:112 Resp: 621075
 Ion Ratio Lower Upper
 112 100
 64 57.7 47.6 71.4
 63 31.0 24.6 37.0



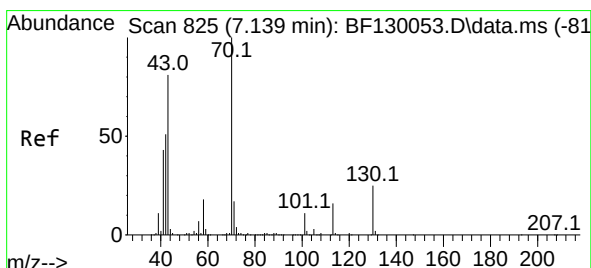
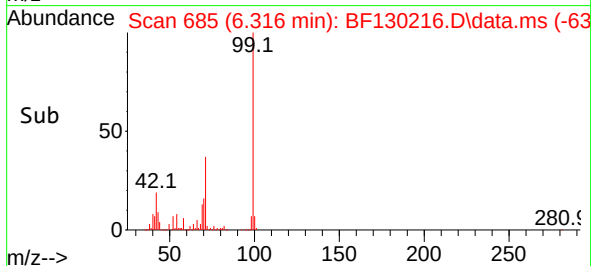
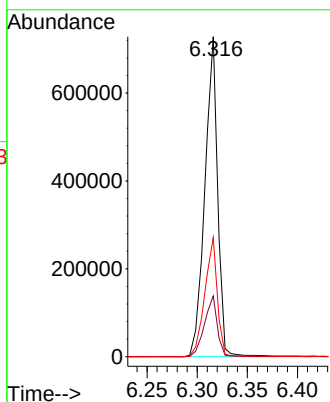


#7
Phenol-d6
Concen: 87.980 ng
RT: 6.316 min Scan# 61
Delta R.T. -0.018 min
Lab File: BF130216.D
Acq: 06 Feb 2006 03:04

Instrument :
BNA_F
ClientSampleId :

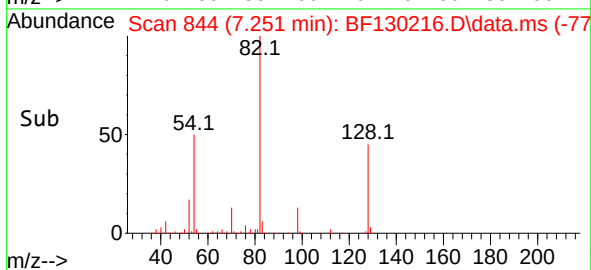
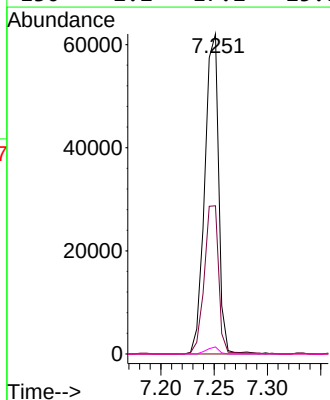
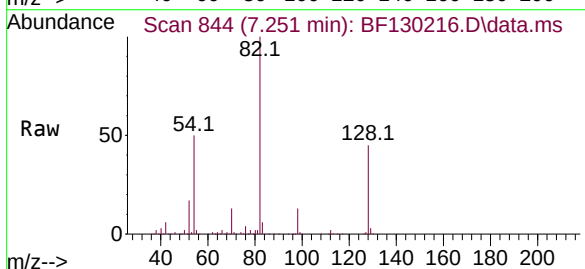


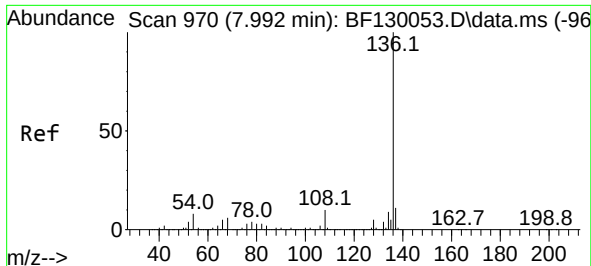
Tgt Ion	Ratio	Lower	Upper
99	100		
42	19.0	15.0	22.4
71	37.2	28.8	43.2



#19
n-Nitroso-di-n-propylamine
Concen: 12.708 ng
RT: 7.251 min Scan# 844
Delta R.T. 0.123 min
Lab File: BF130216.D
Acq: 06 Feb 2006 03:04

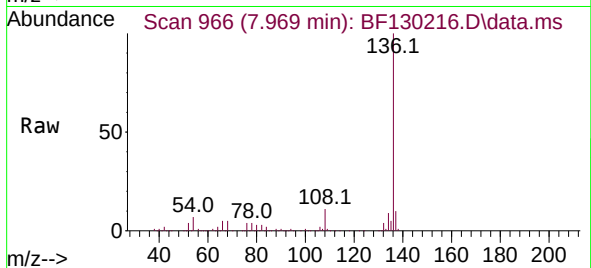
Tgt Ion	Ratio	Lower	Upper
70	100		
42	46.3	47.6	71.4#
101	0.0	8.1	12.1#
130	2.2	17.2	25.8#



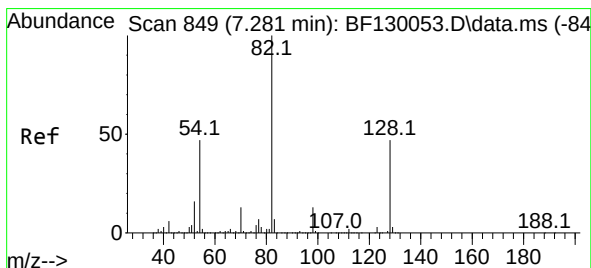
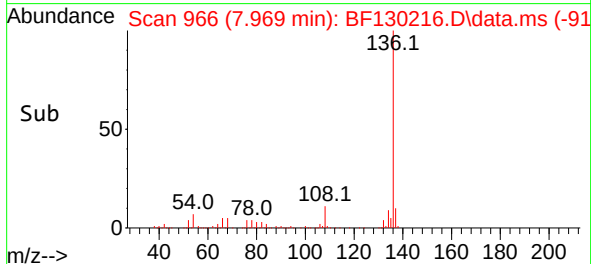
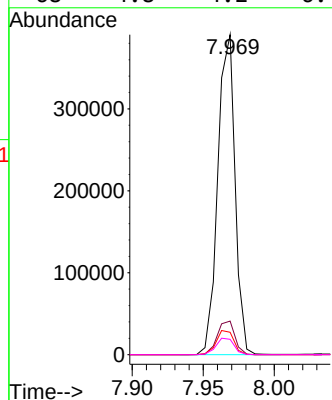


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.969 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF130216.D
Acq: 06 Feb 2006 03:04

Instrument :
BNA_F
ClientSampleId :

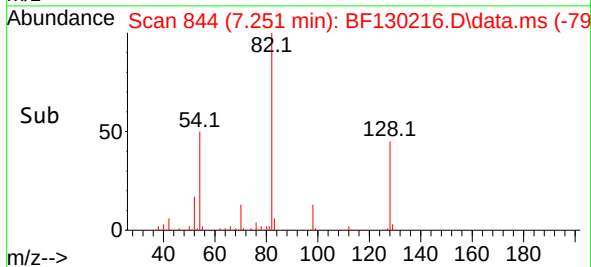
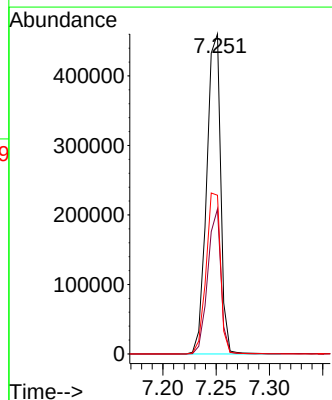
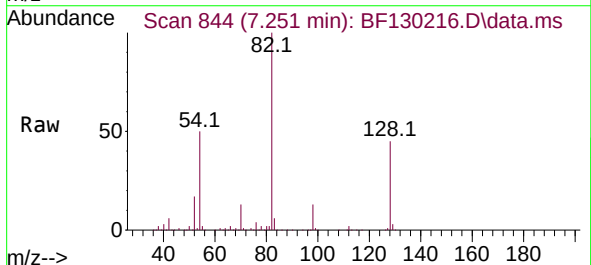


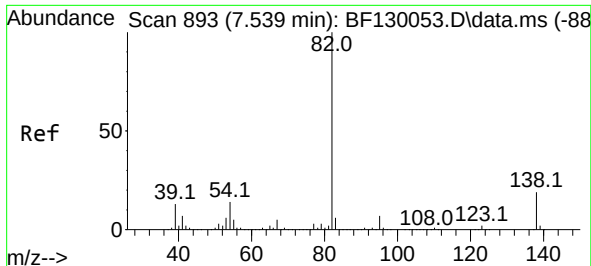
Tgt Ion:136 Resp: 329350
Ion Ratio Lower Upper
136 100
137 10.5 8.4 12.6
54 7.0 6.2 9.2
68 4.8 4.2 6.4



#23
Nitrobenzene-d5
Concen: 82.351 ng
RT: 7.251 min Scan# 844
Delta R.T. -0.018 min
Lab File: BF130216.D
Acq: 06 Feb 2006 03:04

Tgt Ion: 82 Resp: 422029
Ion Ratio Lower Upper
82 100
128 45.3 36.1 54.1
54 49.6 40.0 60.0

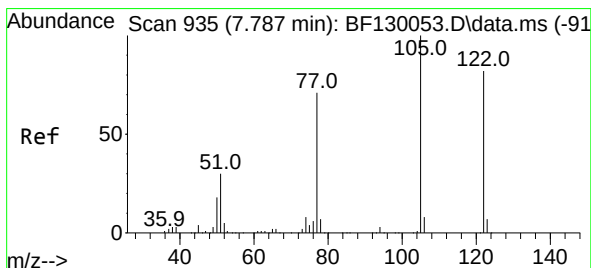
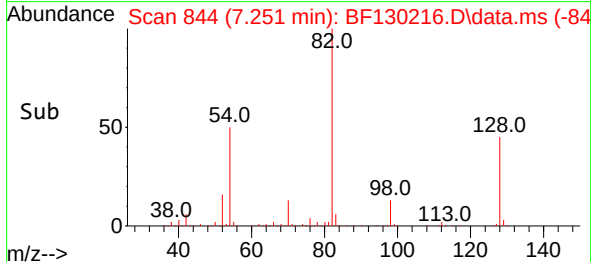
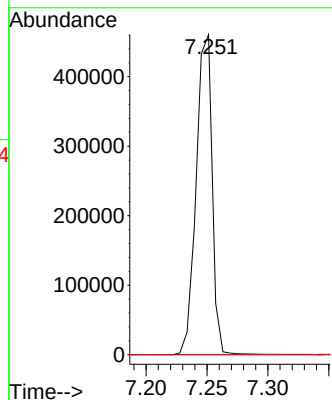
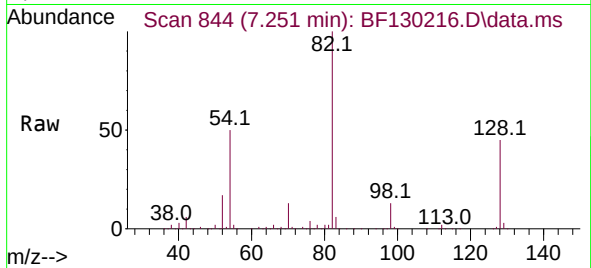




#25
Isophorone
Concen: 40.411 ng
RT: 7.251 min Scan# 84
Delta R.T. -0.277 min
Lab File: BF130216.D
Acq: 06 Feb 2006 03:04

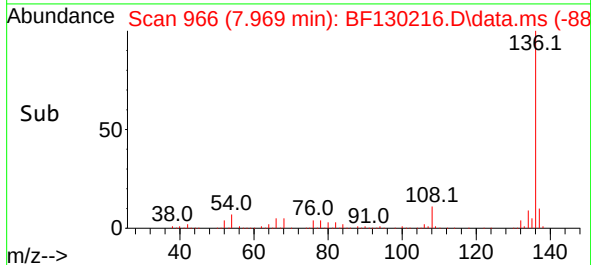
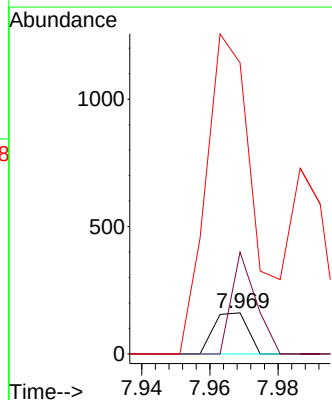
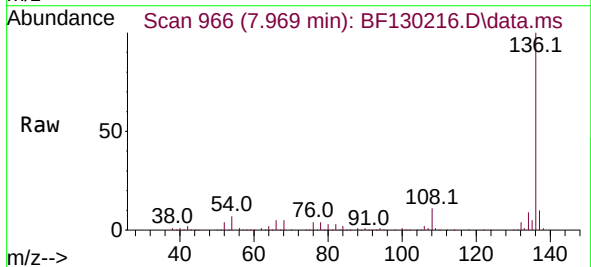
Instrument :
BNA_F
ClientSampleId :

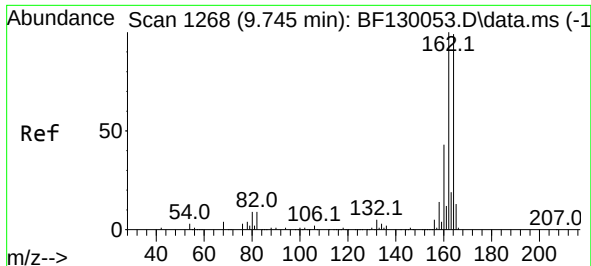
Tgt Ion: 82 Resp: 419168
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.599 ng
RT: 7.969 min Scan# 966
Delta R.T. 0.200 min
Lab File: BF130216.D
Acq: 06 Feb 2006 03:04

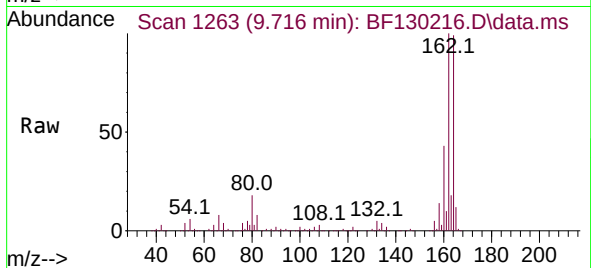
Tgt Ion:122 Resp: 112
Ion Ratio Lower Upper
122 100
105 247.8 99.9 139.9#
77 709.9 65.9 105.9#



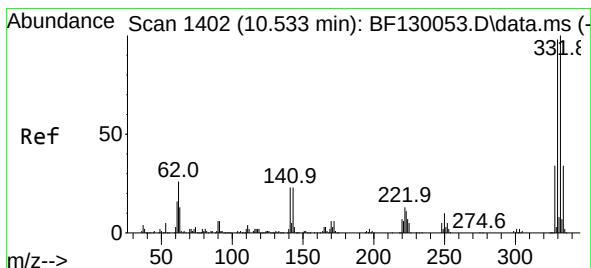
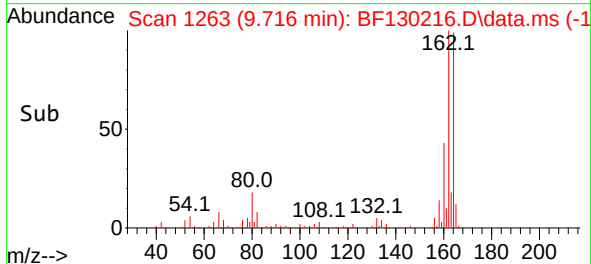
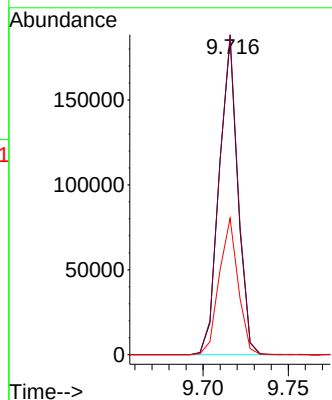


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.716 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF130216.D
Acq: 06 Feb 2006 03:04

Instrument :
BNA_F
ClientSampleId :

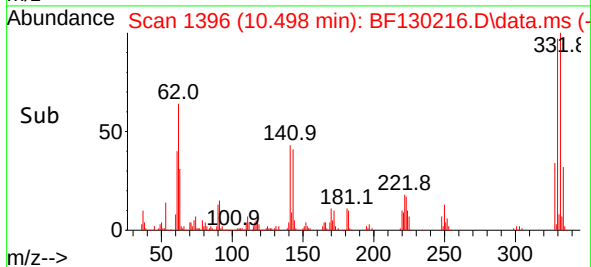
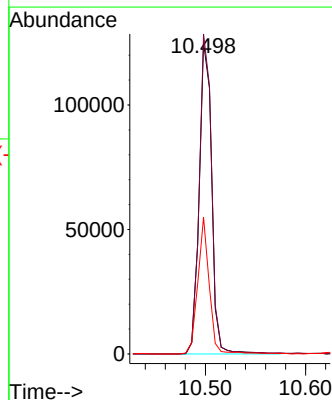
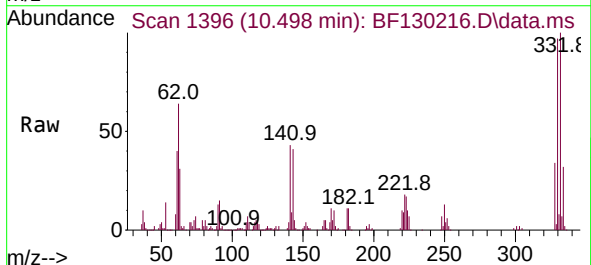


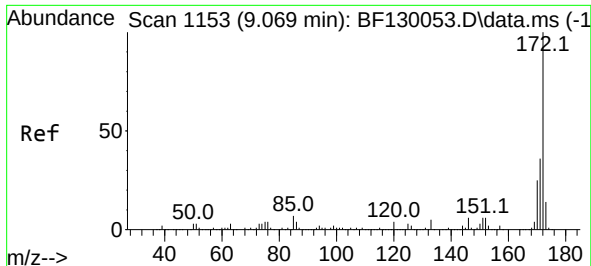
Tgt Ion:164 Resp: 141601
Ion Ratio Lower Upper
164 100
162 101.1 82.0 123.0
160 43.1 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 84.184 ng
RT: 10.498 min Scan# 1396
Delta R.T. -0.024 min
Lab File: BF130216.D
Acq: 06 Feb 2006 03:04

Tgt Ion:330 Resp: 108510
Ion Ratio Lower Upper
330 100
332 102.3 82.6 124.0
141 40.5 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 54.500 ng

RT: 9.039 min Scan# 1153

Delta R.T. -0.018 min

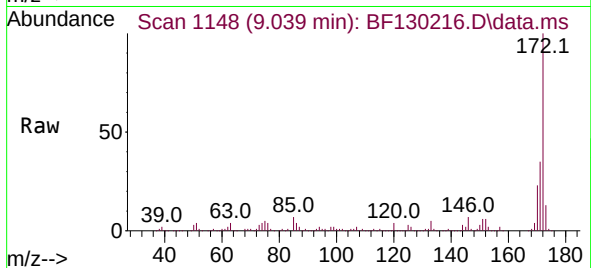
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Acq: 06 Feb 2006 03:04

Instrument :

BNA_F

ClientSampleId :



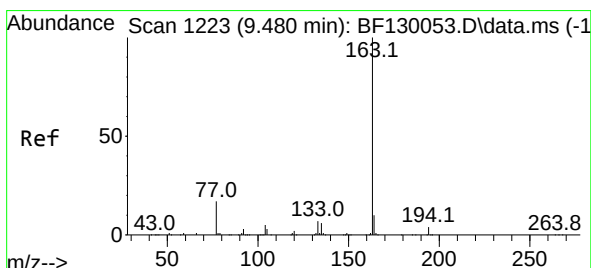
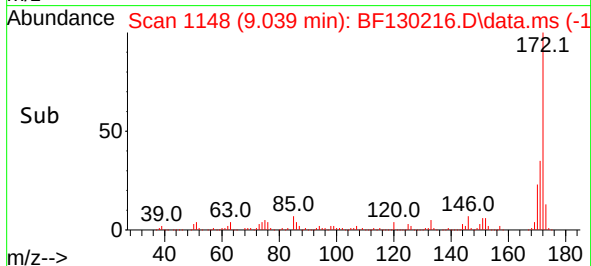
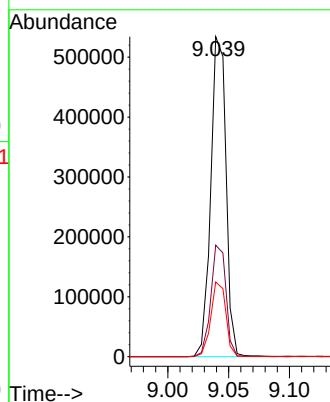
Tgt Ion:172 Resp: 465464

Ion Ratio Lower Upper

172 100

171 34.8 28.4 42.6

170 23.4 19.1 28.7



#50

Dimethylphthalate

Concen: 2.746 ng

RT: 9.716 min Scan# 1263

Delta R.T. 0.247 min

Lab File: BF130216.D

Acq: 06 Feb 2006 03:04

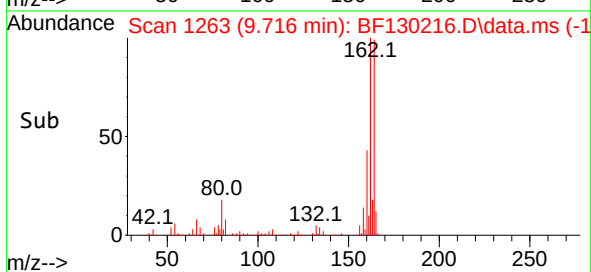
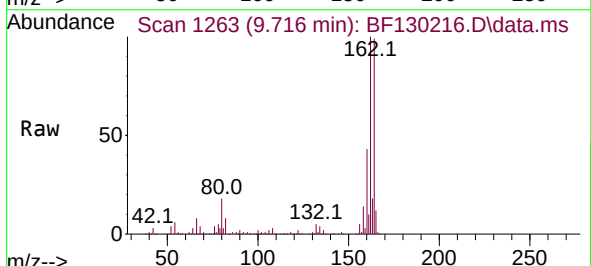
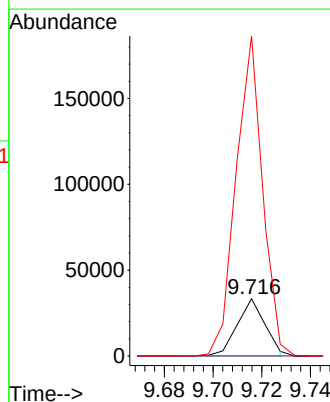
Tgt Ion:163 Resp: 26482

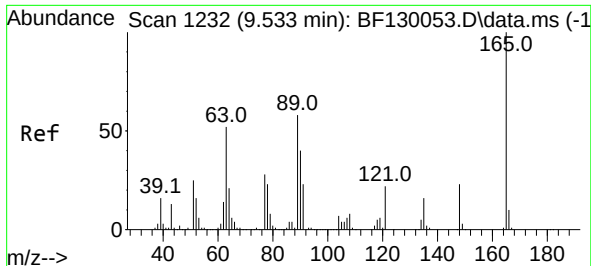
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 559.0 8.2 12.2#





#51

2,6-Dinitrotoluene

Concen: 9.804 ng

RT: 9.716 min Scan# 1

Delta R.T. 0.188 min

Lab File: BF130216.D

Acq: 06 Feb 2006 03:04

Instrument :

BNA_F

ClientSampleId :

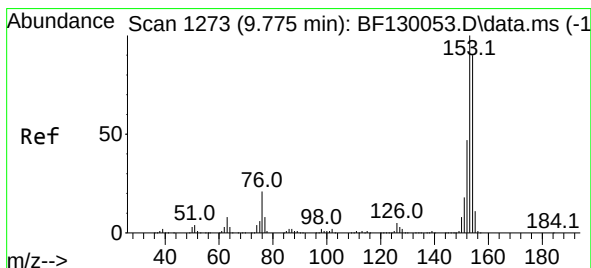
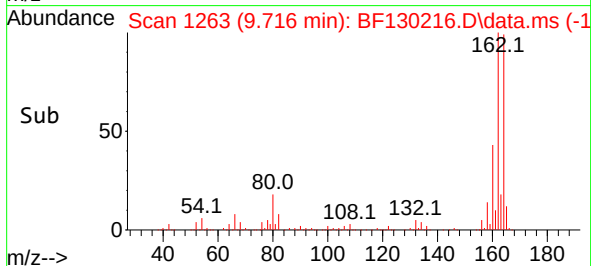
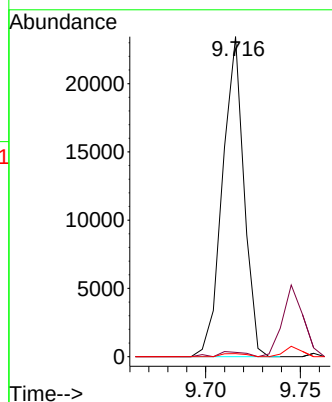
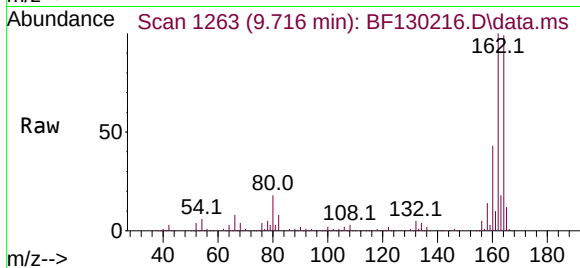
Tgt Ion:165 Resp: 18436

Ion Ratio Lower Upper

165 100

63 1.3 47.8 71.8#

89 0.9 47.2 70.8#



#52

Acenaphthene

Concen: 5.882 ng

RT: 9.745 min Scan# 1268

Delta R.T. -0.024 min

Lab File: BF130216.D

Acq: 06 Feb 2006 03:04

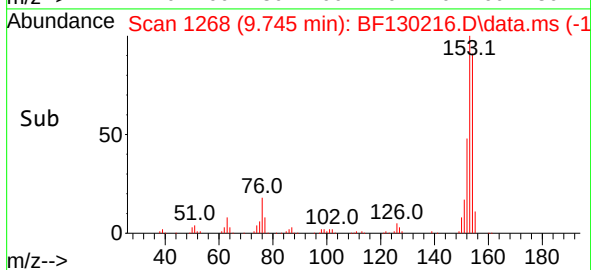
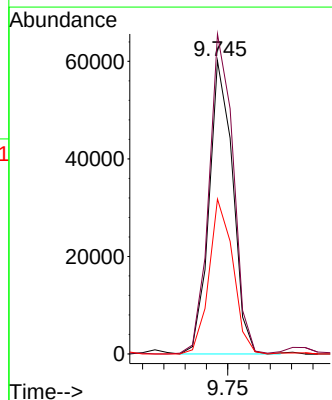
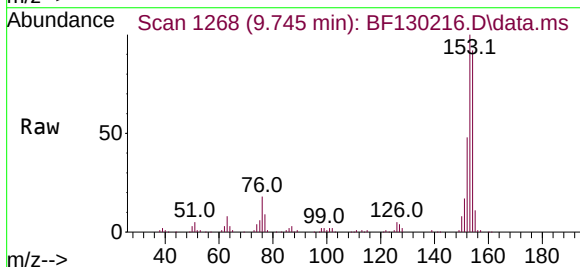
Tgt Ion:154 Resp: 46402

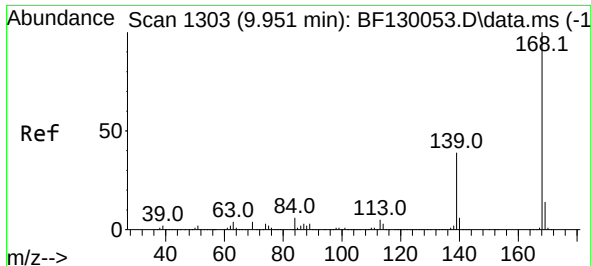
Ion Ratio Lower Upper

154 100

153 109.2 89.8 134.6

152 52.8 42.1 63.1





#55

Dibenzenofuran

Concen: 2.310 ng

RT: 9.916 min Scan# 1297

Delta R.T. -0.024 min

Lab File: BF130216.D

Acq: 06 Feb 2006 03:04

Instrument :

BNA_F

ClientSampleId :

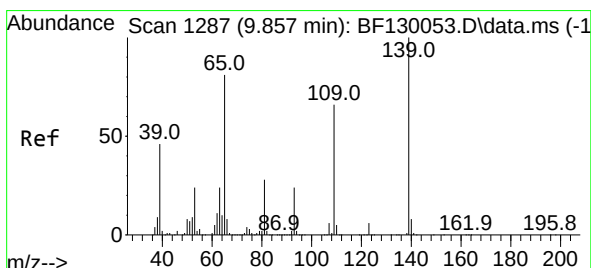
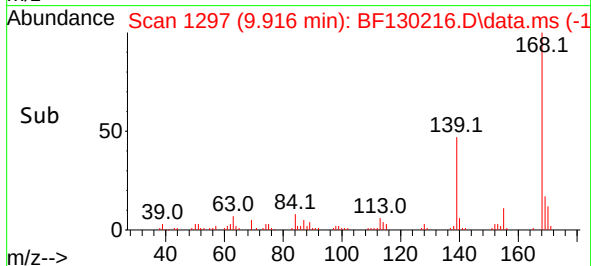
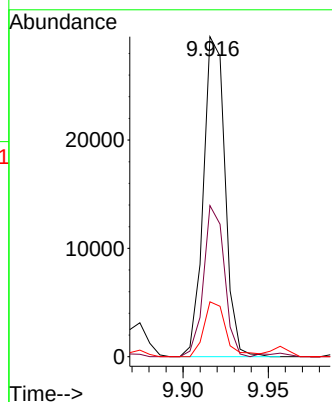
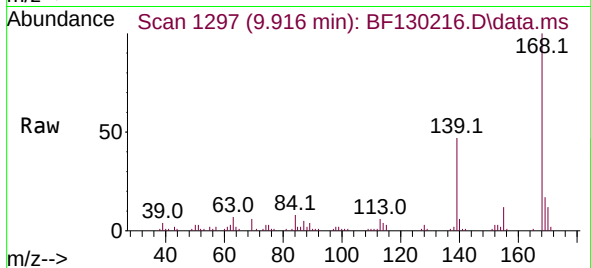
Tgt Ion:168 Resp: 26090

Ion Ratio Lower Upper

168 100

139 47.2 31.3 46.9#

169 17.2 10.7 16.1#



#56

4-Nitrophenol

Concen: 7.069 ng

RT: 9.916 min Scan# 1297

Delta R.T. 0.071 min

Lab File: BF130216.D

Acq: 06 Feb 2006 03:04

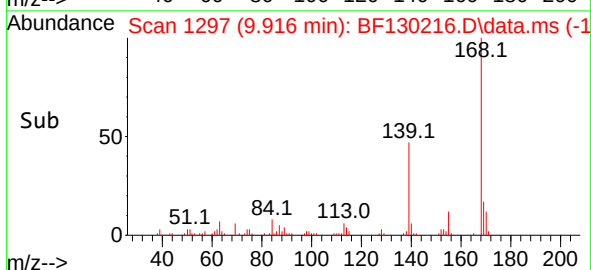
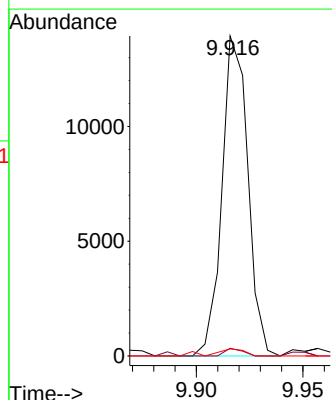
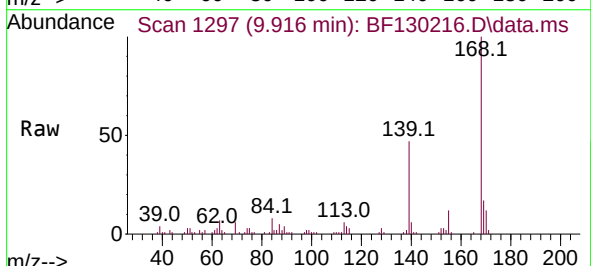
Tgt Ion:139 Resp: 11763

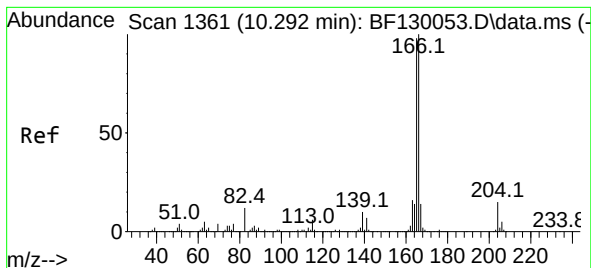
Ion Ratio Lower Upper

139 100

109 2.4 52.9 92.9#

65 2.2 79.5 119.5#





#58

Fluorene

Concen: 5.228 ng

RT: 10.263 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF130216.D

Acq: 06 Feb 2006 03:04

Instrument :

BNA_F

ClientSampleId :

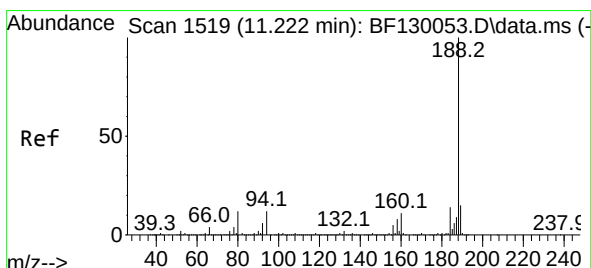
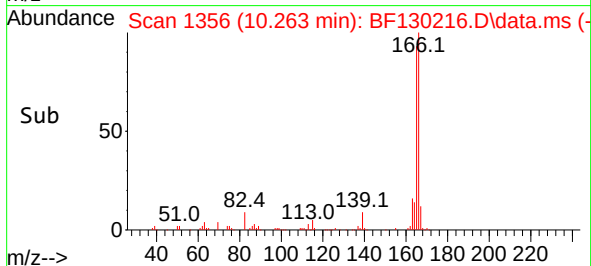
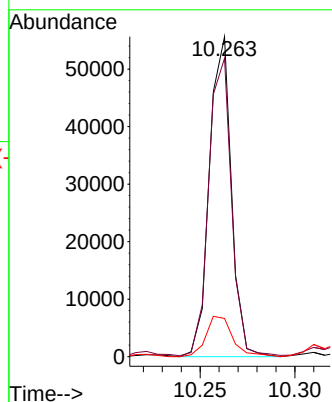
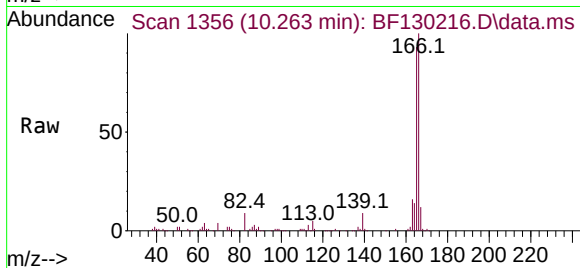
Tgt Ion:166 Resp: 44935

Ion Ratio Lower Upper

166 100

165 93.3 77.9 116.9

167 11.9 11.0 16.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.198 min Scan# 1515

Delta R.T. -0.012 min

Lab File: BF130216.D

Acq: 06 Feb 2006 03:04

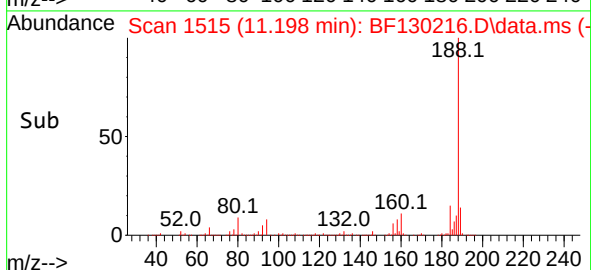
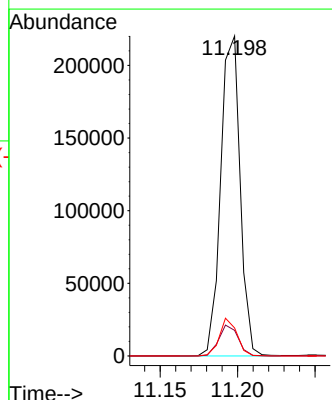
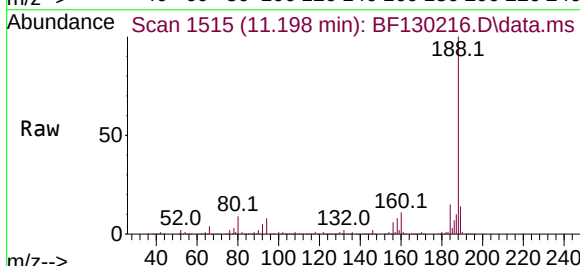
Tgt Ion:188 Resp: 192149

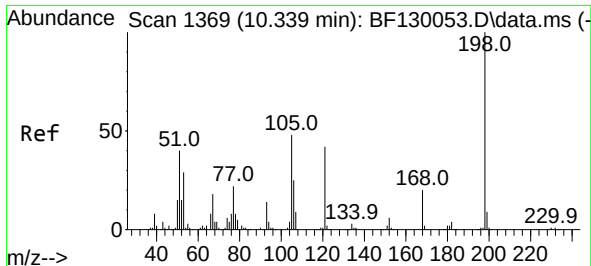
Ion Ratio Lower Upper

188 100

94 8.0 7.4 11.2

80 8.7 7.9 11.9

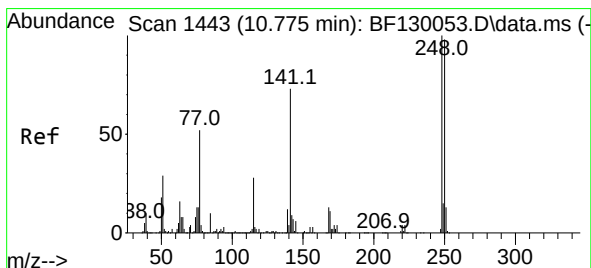
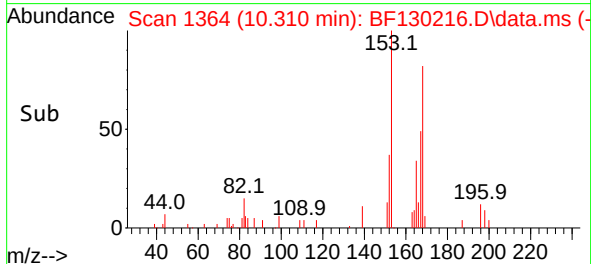
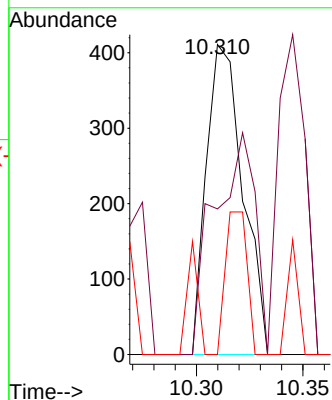
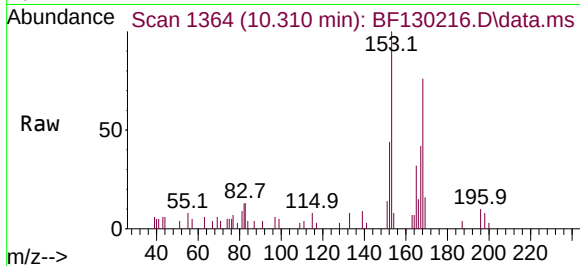




#65
4,6-Dinitro-2-methylphenol
Concen: 6.554 ng
RT: 10.310 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF130216.D
Acq: 06 Feb 2006 03:04

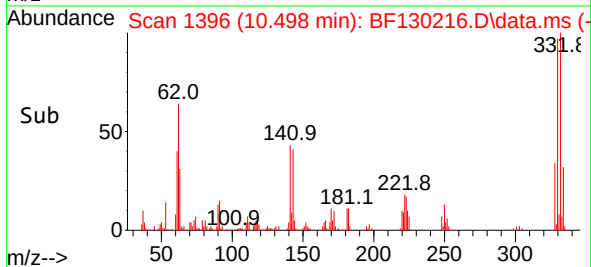
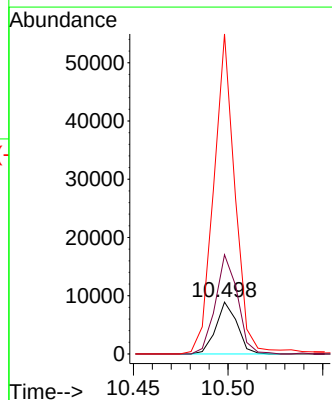
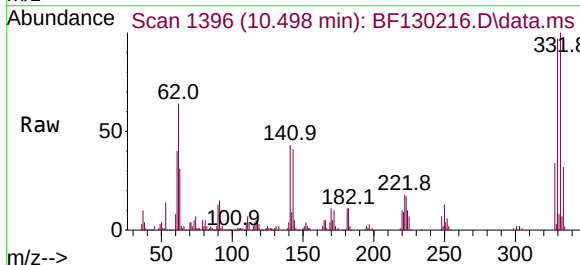
Instrument :
BNA_F
ClientSampleId :

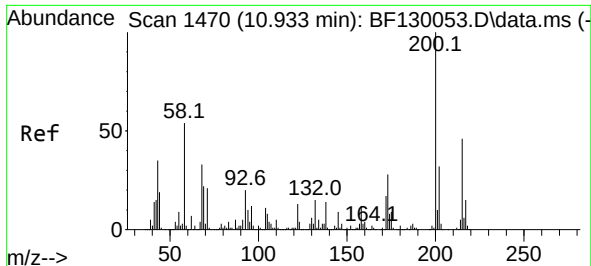
Tgt Ion:198 Resp: 491
Ion Ratio Lower Upper
198 100
51 47.0 29.4 69.4
105 0.0 29.2 69.2#



#67
4-Bromophenyl-phenylether
Concen: 3.244 ng
RT: 10.498 min Scan# 1396
Delta R.T. -0.265 min
Lab File: BF130216.D
Acq: 06 Feb 2006 03:04

Tgt Ion:248 Resp: 6934
Ion Ratio Lower Upper
248 100
250 191.2 77.8 116.6#
141 617.1 66.2 99.2#

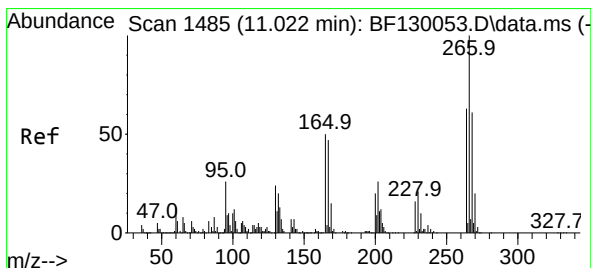
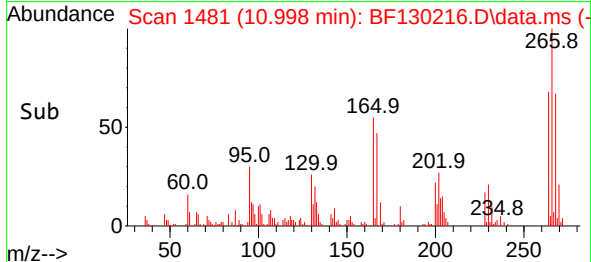
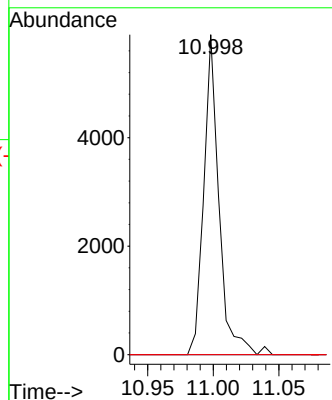
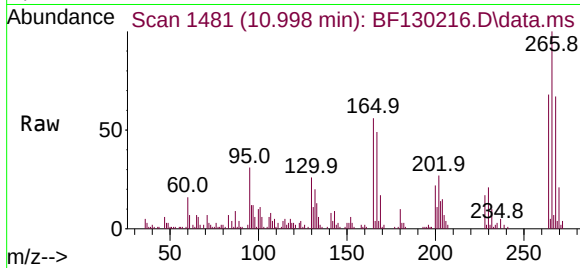




#69
 Atrazine
 Concen: 2.634 ng
 RT: 10.998 min Scan# 1481
 Delta R.T. 0.071 min
 Lab File: BF130216.D
 Acq: 06 Feb 2006 03:04

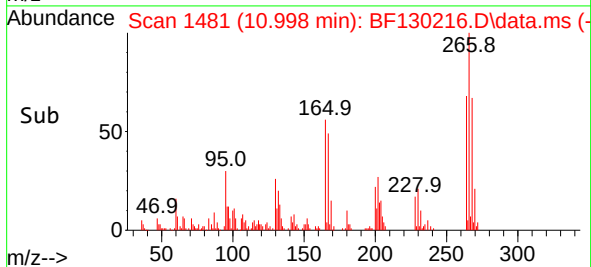
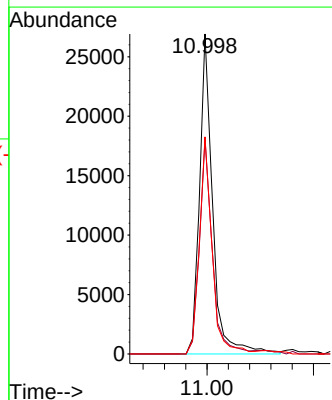
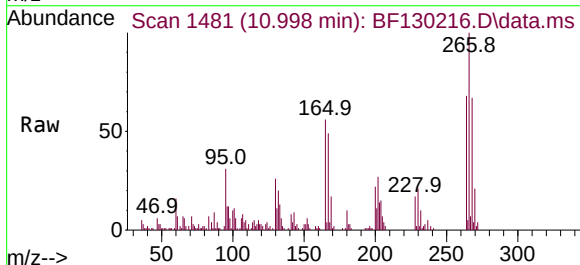
Instrument :
 BNA_F
 ClientSampleId :

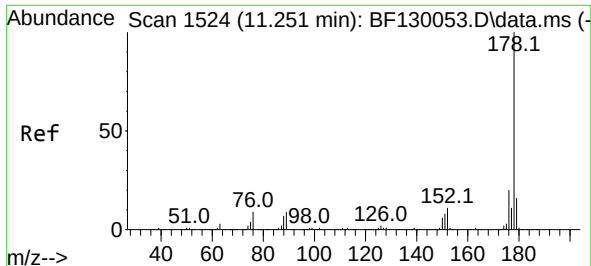
Tgt Ion:200 Resp: 4786
 Ion Ratio Lower Upper
 200 100
 173 0.0 6.4 46.4#
 215 0.0 27.1 67.1#



#70
 Pentachlorophenol
 Concen: 17.698 ng
 RT: 10.998 min Scan# 1481
 Delta R.T. -0.018 min
 Lab File: BF130216.D
 Acq: 06 Feb 2006 03:04

Tgt Ion:266 Resp: 23048
 Ion Ratio Lower Upper
 266 100
 268 67.3 49.0 73.4
 264 67.9 47.9 71.9

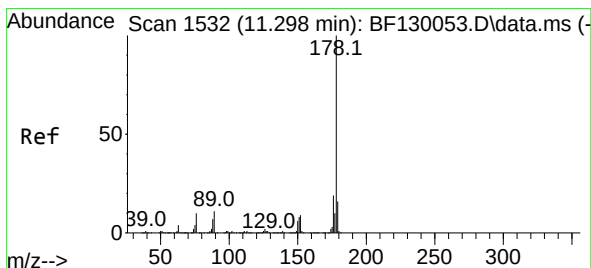
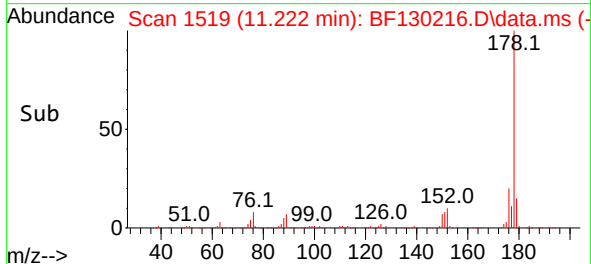
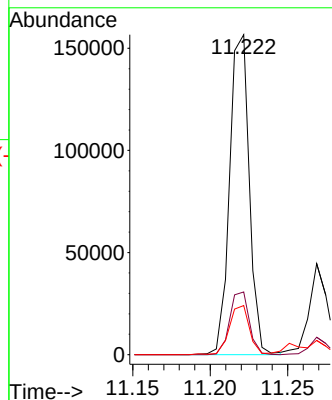
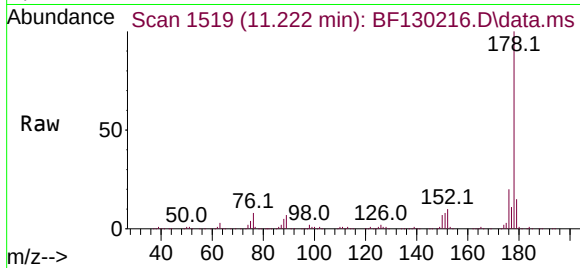




#71
Phenanthrene
Concen: 13.292 ng
RT: 11.222 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF130216.D
Acq: 06 Feb 2006 03:04

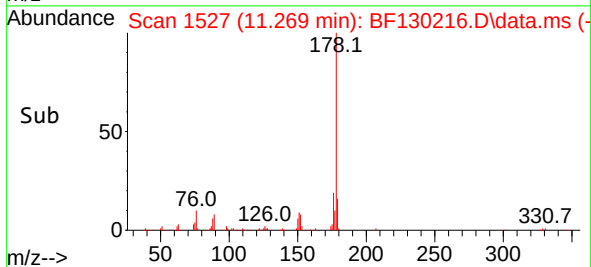
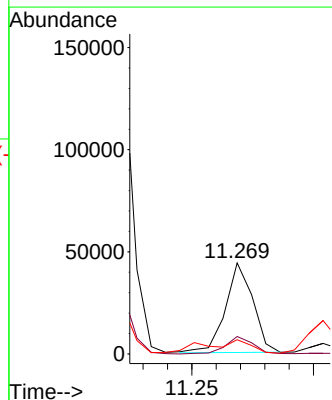
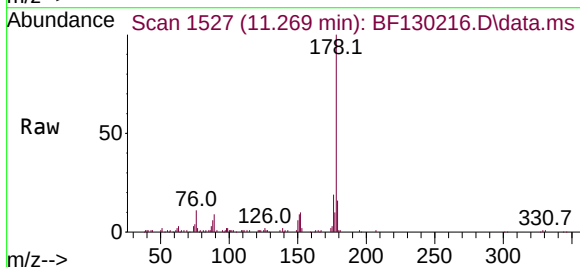
Instrument :
BNA_F
ClientSampleId :

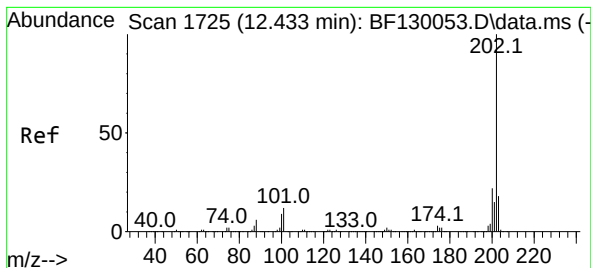
Tgt Ion:178 Resp: 138509
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.3 12.5 18.7



#72
Anthracene
Concen: 3.354 ng
RT: 11.269 min Scan# 1527
Delta R.T. -0.018 min
Lab File: BF130216.D
Acq: 06 Feb 2006 03:04

Tgt Ion:178 Resp: 34359
Ion Ratio Lower Upper
178 100
176 19.1 15.1 22.7
179 15.6 12.6 18.8





#75

Fluoranthene

Concen: 20.714 ng

RT: 12.404 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF130216.D

Acq: 06 Feb 2006 03:04

Instrument :

BNA_F

ClientSampleId :

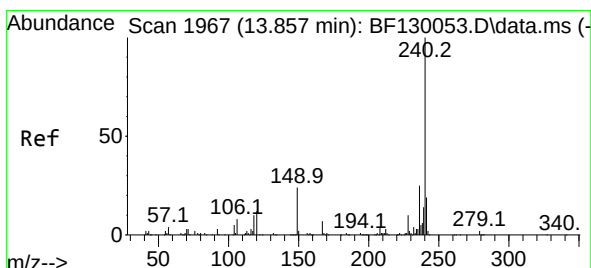
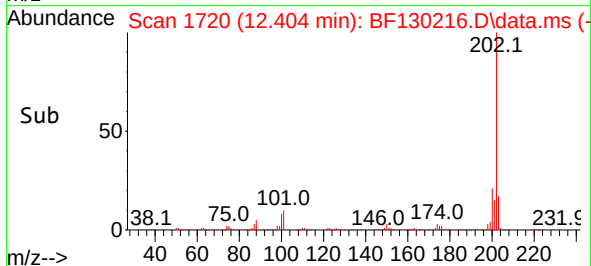
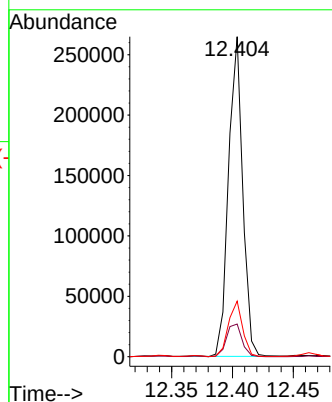
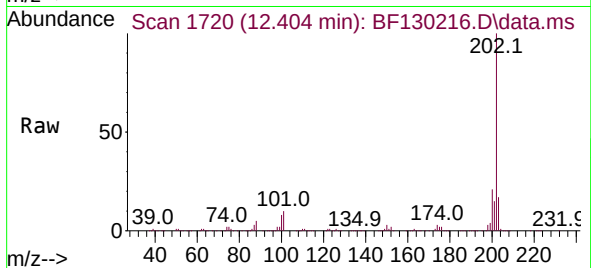
Tgt Ion:202 Resp: 214043

Ion Ratio Lower Upper

202 100

101 10.2 0.0 30.7

203 17.3 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.827 min Scan# 1962

Delta R.T. -0.018 min

Lab File: BF130216.D

Acq: 06 Feb 2006 03:04

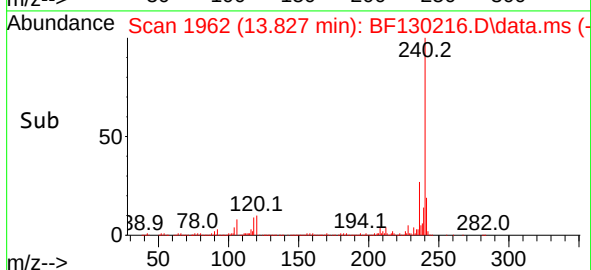
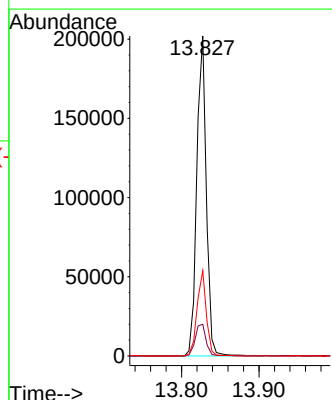
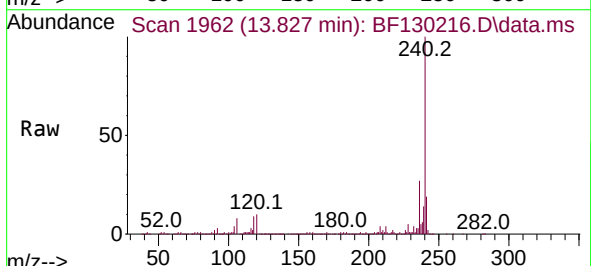
Tgt Ion:240 Resp: 172681

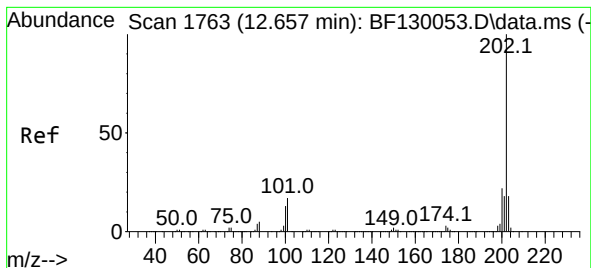
Ion Ratio Lower Upper

240 100

120 9.9 9.2 13.8

236 26.7 20.7 31.1





#78

Pyrene

Concen: 10.901 ng

RT: 12.627 min Scan# 1

Delta R.T. -0.024 min

Lab File: BF130216.D

Acq: 06 Feb 2006 03:04

Instrument :

BNA_F

ClientSampleId :

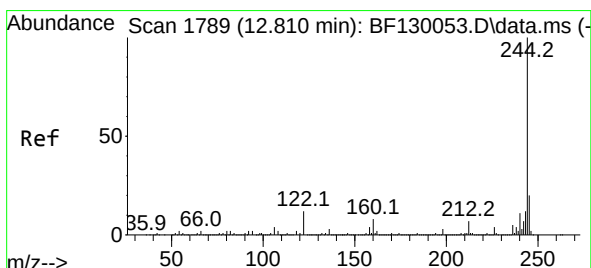
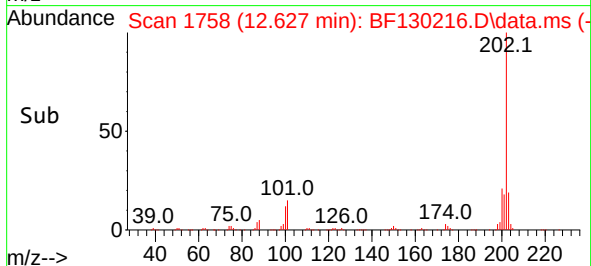
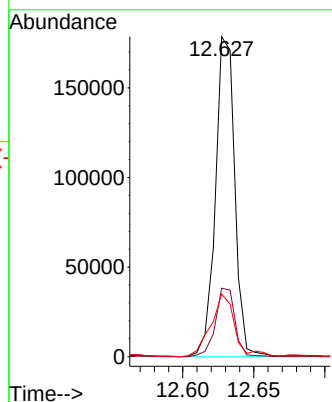
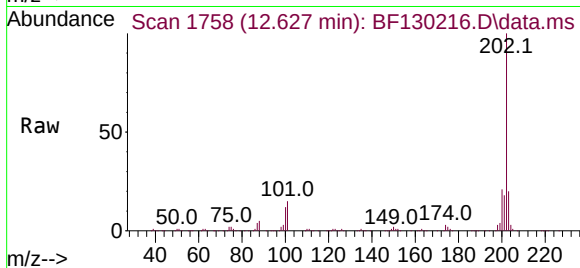
Tgt Ion:202 Resp: 168834

Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.6

203 19.5 14.1 21.1



#79

Terphenyl-d14

Concen: 30.576 ng

RT: 12.780 min Scan# 1784

Delta R.T. -0.018 min

Lab File: BF130216.D

Acq: 06 Feb 2006 03:04

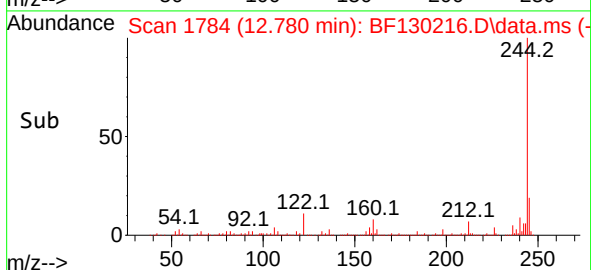
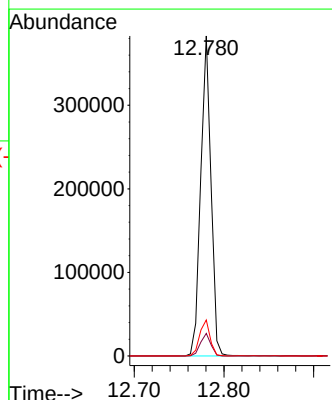
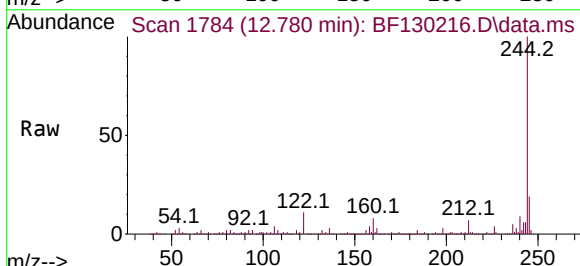
Tgt Ion:244 Resp: 304472

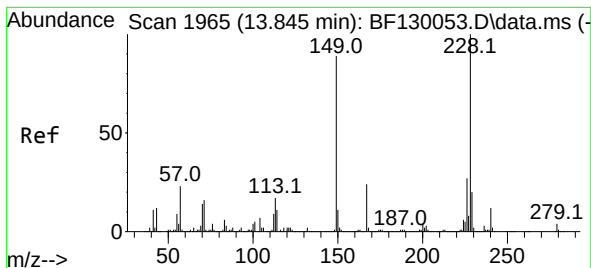
Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

122 11.3 9.9 14.9





#81

Benzo(a)anthracene

Concen: 5.115 ng

RT: 13.816 min Scan# 1960

Delta R.T. -0.018 min

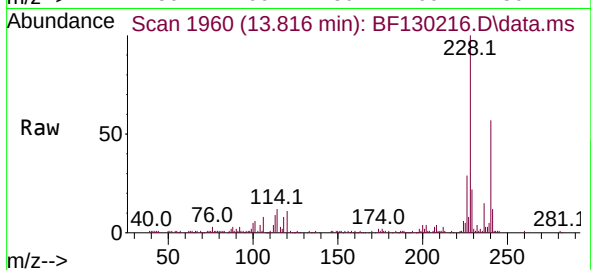
Lab File: BF130216.D

Acq: 06 Feb 2006 03:04

Instrument :

BNA_F

ClientSampleId :



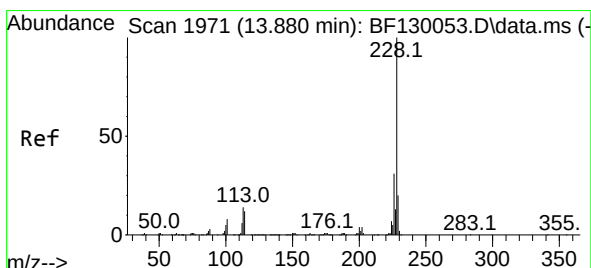
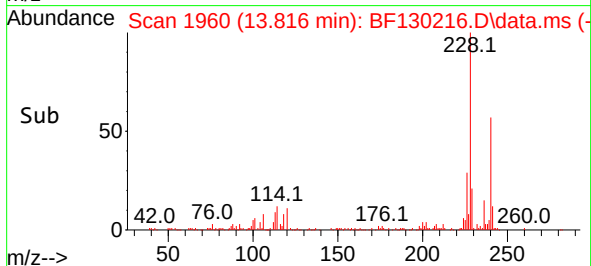
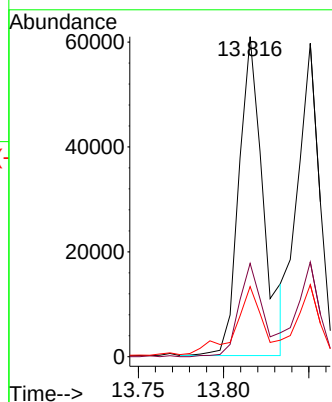
Tgt Ion:228 Resp: 60533

Ion Ratio Lower Upper

228 100

226 29.1 21.4 32.0

229 21.9 16.1 24.1



#83

Chrysene

Concen: 4.598 ng

RT: 13.851 min Scan# 1966

Delta R.T. -0.018 min

Lab File: BF130216.D

Acq: 06 Feb 2006 03:04

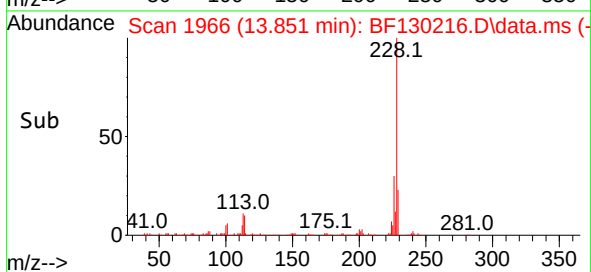
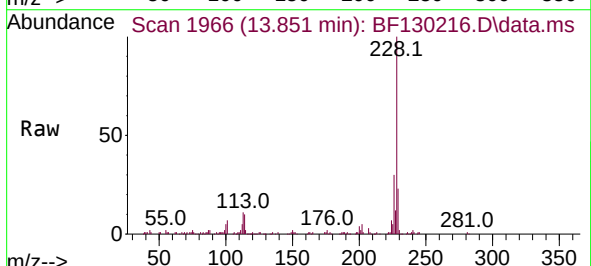
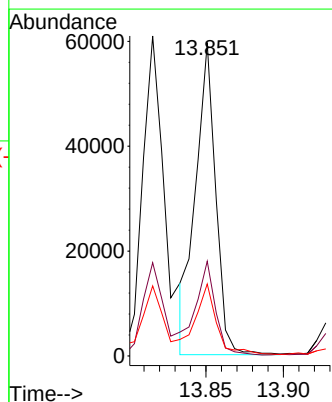
Tgt Ion:228 Resp: 53641

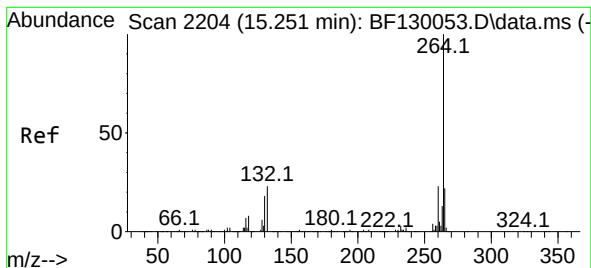
Ion Ratio Lower Upper

228 100

226 30.2 24.4 36.6

229 23.0 15.9 23.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.227 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF130216.D

Acq: 06 Feb 2006 03:04

Instrument :

BNA_F

ClientSampleId :

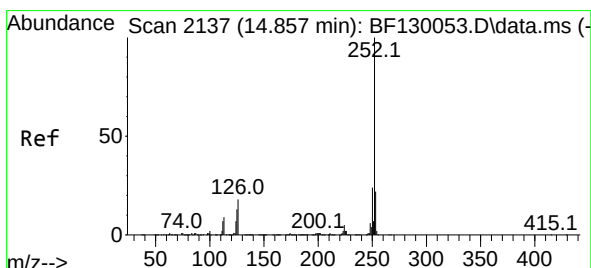
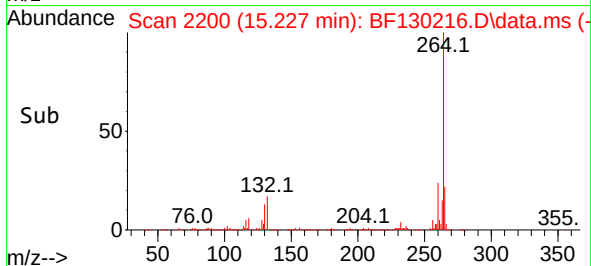
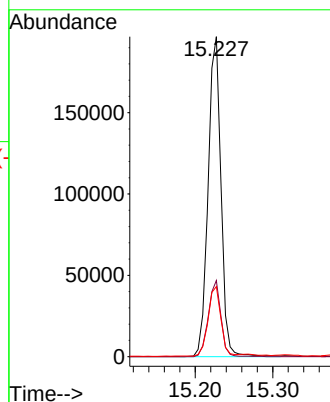
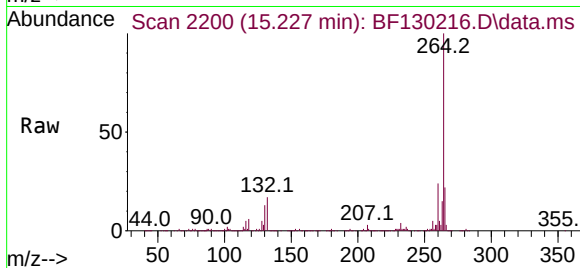
Tgt Ion:264 Resp: 226476

Ion Ratio Lower Upper

264 100

260 23.8 19.1 28.7

265 21.9 16.7 25.1



#88

Benzo(b)fluoranthene

Concen: 5.773 ng

RT: 14.827 min Scan# 2132

Delta R.T. -0.018 min

Lab File: BF130216.D

Acq: 06 Feb 2006 03:04

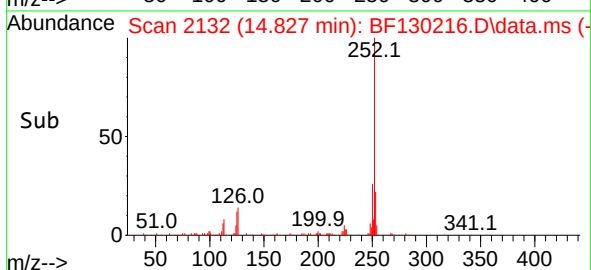
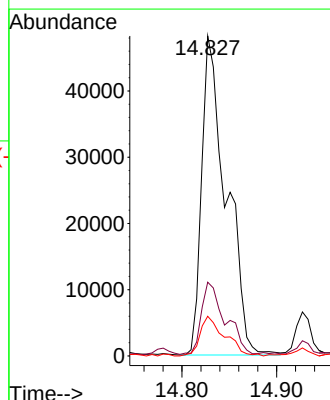
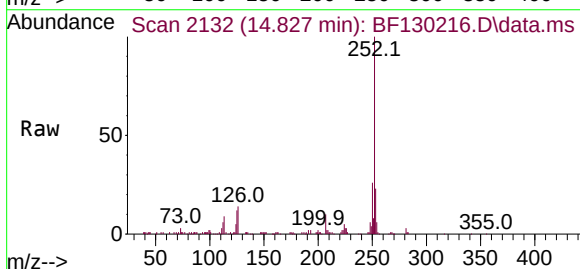
Tgt Ion:252 Resp: 87189

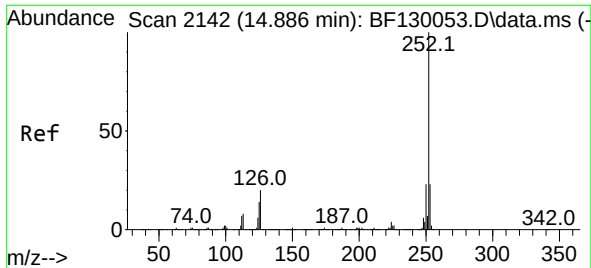
Ion Ratio Lower Upper

252 100

253 23.0 17.5 26.3

125 12.4 8.3 12.5

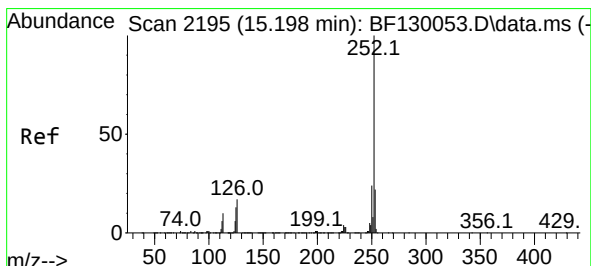
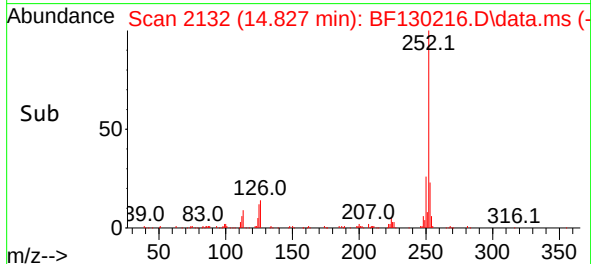
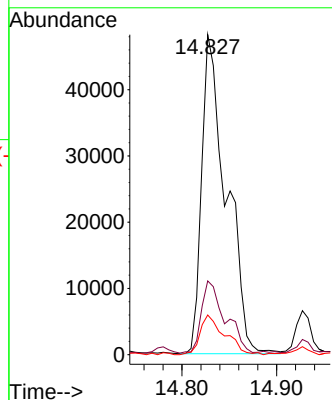
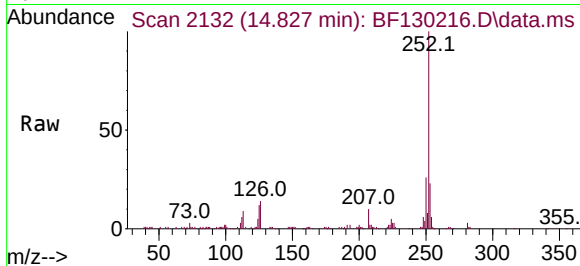




#89
Benzo(k)fluoranthene
Concen: 5.969 ng
RT: 14.827 min Scan# 2142
Delta R.T. -0.047 min
Lab File: BF130216.D
Acq: 06 Feb 2006 03:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 87189
Ion Ratio Lower Upper
252 100
253 23.0 17.1 25.7
125 12.4 8.3 12.5



#90
Benzo(a)pyrene
Concen: 3.418 ng
RT: 15.163 min Scan# 2189
Delta R.T. -0.018 min
Lab File: BF130216.D
Acq: 06 Feb 2006 03:04

Tgt Ion:252 Resp: 41019
Ion Ratio Lower Upper
252 100
253 23.0 17.2 25.8
125 9.8 8.8 13.2

