

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
 Data File : BF135801.D
 Acq On : 17 Oct 2023 04:00
 Operator : CG\JU
 Sample : 04704-04 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-3(10-15)

Quant Time: Oct 17 04:38:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

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

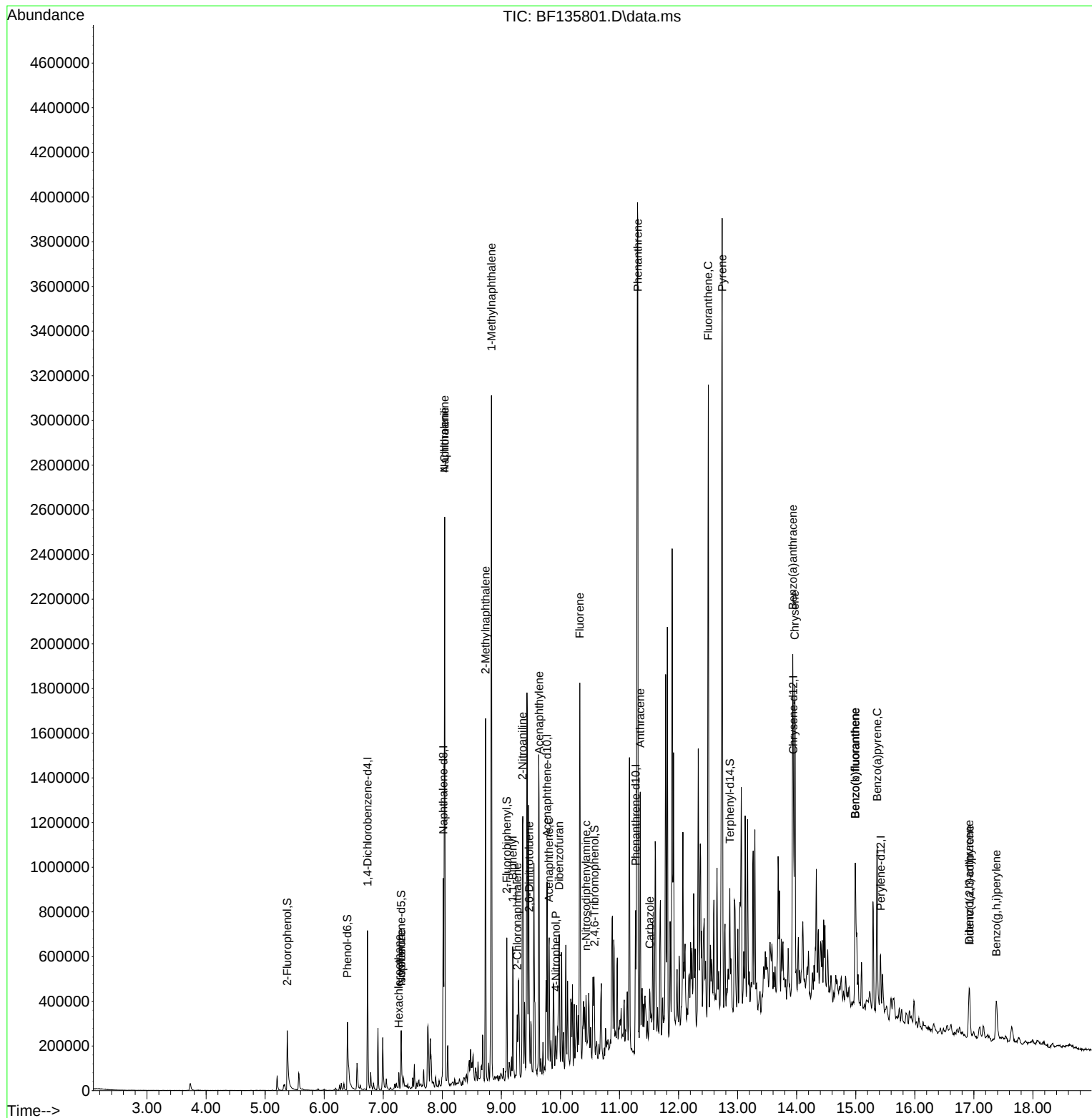
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	100130	20.000	ng	-0.01
21) Naphthalene-d8	8.016	136	352403	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	153068	20.000	ng	-0.01
64) Phenanthrene-d10	11.275	188	259410	20.000	ng	0.00
76) Chrysene-d12	13.945	240	153394	20.000	ng	0.00
86) Perylene-d12	15.421	264	134755	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	114046	18.312	ng	0.00
7) Phenol-d6	6.392	99	146197	18.814	ng	0.00
23) Nitrobenzene-d5	7.304	82	87362	13.635	ng	-0.01
42) 2,4,6-Tribromophenol	10.575	330	24263	16.519	ng	-0.01
45) 2-Fluorobiphenyl	9.092	172	163822	16.734	ng	-0.01
79) Terphenyl-d14	12.869	244	139982	16.900	ng	-0.01
Target Compounds						Qvalue
18) Hexachloroethane	7.263	117	6704	2.681	ng	# 1
25) Isophorone	7.304	82	87362	7.227	ng	# 66
31) Naphthalene	8.039	128	980012	57.015	ng	99
33) 4-Chloroaniline	8.039	127	130213	17.342	ng	# 31
37) 2-Methylnaphthalene	8.733	142	386607	34.138	ng	98
38) 1-Methylnaphthalene	8.833	142	733275	70.202	ng	98
46) 1,1'-Biphenyl	9.192	154	170683	14.557	ng	100
47) 2-Chloronaphthalene	9.269	162	41891	4.957	ng	# 47
48) 2-Nitroaniline	9.357	65	6935	2.079	ng	# 27
49) Acenaphthylene	9.639	152	402637	28.792	ng	98
51) 2,6-Dinitrotoluene	9.469	165	4522	2.035	ng	# 60
52) Acenaphthene	9.804	154	116849	13.941	ng	99
55) Dibenzofuran	9.980	168	78873	6.236	ng	# 83
56) 4-Nitrophenol	9.922	139	1953	6.950	ng	# 54
58) Fluorene	10.328	166	474535	47.927	ng	99
66) n-Nitrosodiphenylamine	10.433	169	15981	2.021	ng	# 77
71) Phenanthrene	11.310	178	1826685	146.994	ng	100
72) Anthracene	11.351	178	392873	30.509	ng	99
73) Carbazole	11.516	167	30710	2.557	ng	# 91
75) Fluoranthene	12.504	202	1181966	85.697	ng	99
78) Pyrene	12.739	202	1692212	138.825	ng	98
81) Benzo(a)anthracene	13.933	228	615916	61.130	ng	93
83) Chrysene	13.968	228	546175	55.967	ng	97
87) Indeno(1,2,3-cd)pyrene	16.927	276	159904	21.778	ng	# 93
88) Benzo(b)fluoranthene	14.992	252	504766	66.929	ng	100
89) Benzo(k)fluoranthene	14.992	252	504766	68.939	ng	98
90) Benzo(a)pyrene	15.362	252	393874	55.539	ng	98
91) Dibenzo(a,h)anthracene	16.921	278	47745	7.932	ng	# 86
92) Benzo(g,h,i)perylene	17.380	276	170915	27.643	ng	95

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

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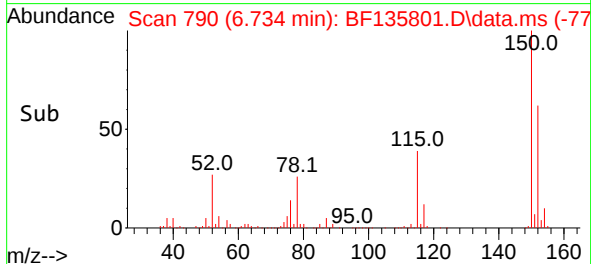
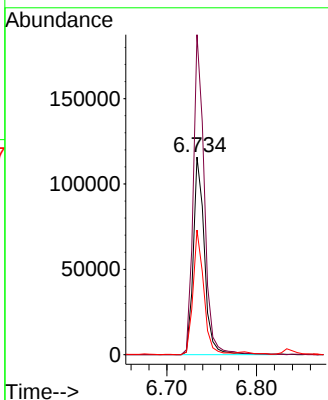
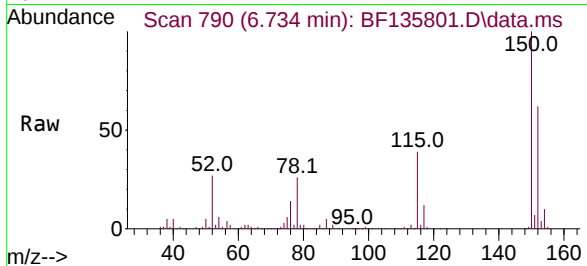




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 791
Delta R.T. -0.012 min
Lab File: BF135801.D
Acq: 17 Oct 2023 04:00

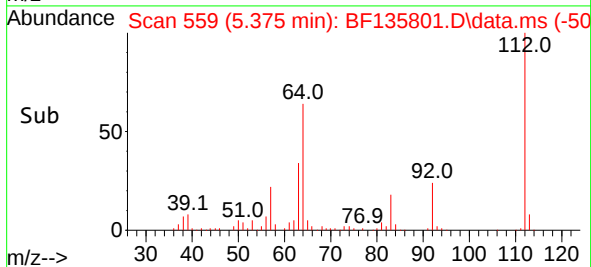
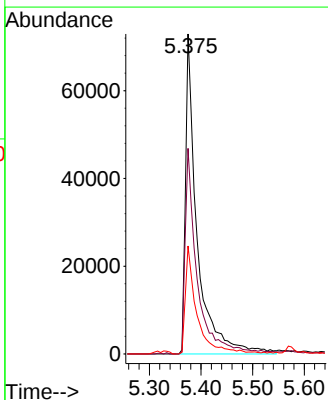
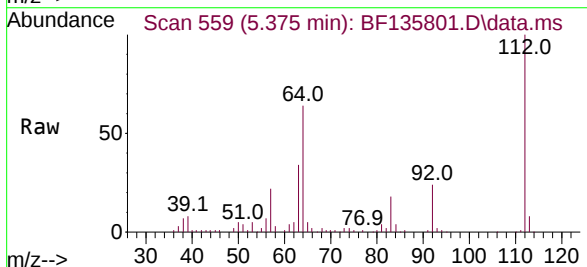
Instrument :
BNA_F
ClientSampleId :
R-3(10-15)

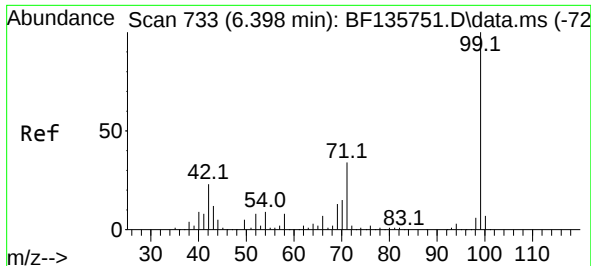
Tgt Ion:152 Resp: 100130
Ion Ratio Lower Upper
152 100
150 162.0 124.5 186.7
115 63.1 49.0 73.4



#5
2-Fluorophenol
Concen: 18.312 ng
RT: 5.375 min Scan# 559
Delta R.T. -0.000 min
Lab File: BF135801.D
Acq: 17 Oct 2023 04:00

Tgt Ion:112 Resp: 114046
Ion Ratio Lower Upper
112 100
64 64.2 51.2 76.8
63 33.8 26.1 39.1

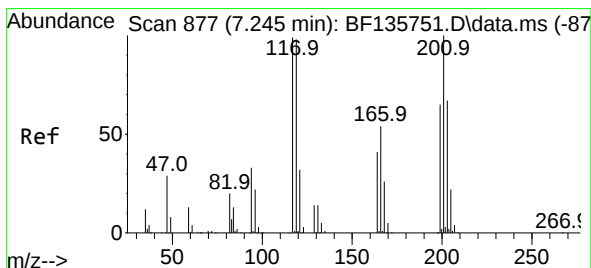
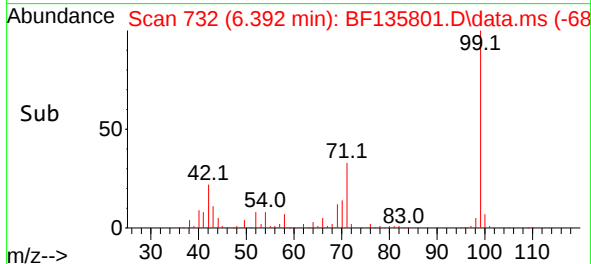
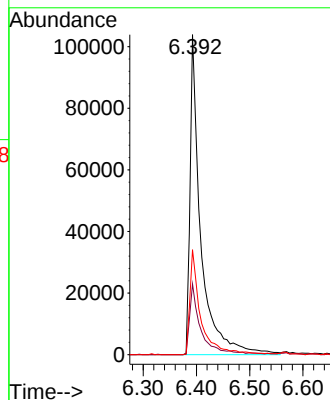
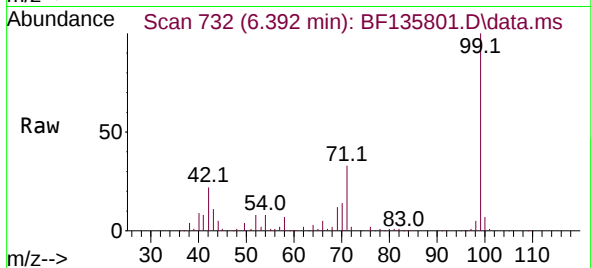




#7
Phenol-d6
Concen: 18.814 ng
RT: 6.392 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135801.D
Acq: 17 Oct 2023 04:00

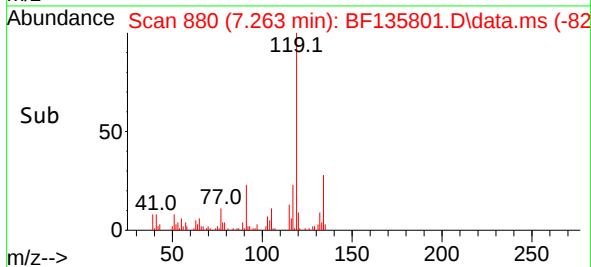
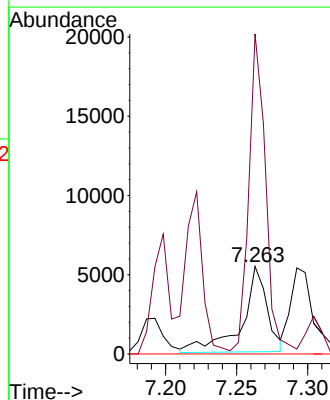
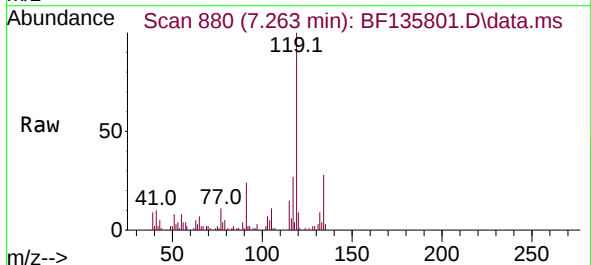
Instrument :
BNA_F
ClientSampleId :
R-3(10-15)

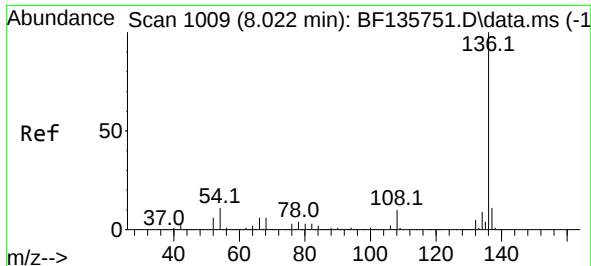
Tgt Ion: 99 Resp: 146197
Ion Ratio Lower Upper
99 100
42 22.1 18.4 27.6
71 32.8 27.2 40.8



#18
Hexachloroethane
Concen: 2.681 ng
RT: 7.263 min Scan# 880
Delta R.T. 0.018 min
Lab File: BF135801.D
Acq: 17 Oct 2023 04:00

Tgt Ion: 117 Resp: 6704
Ion Ratio Lower Upper
117 100
119 365.7 79.5 119.3#
201 0.0 80.9 121.3#



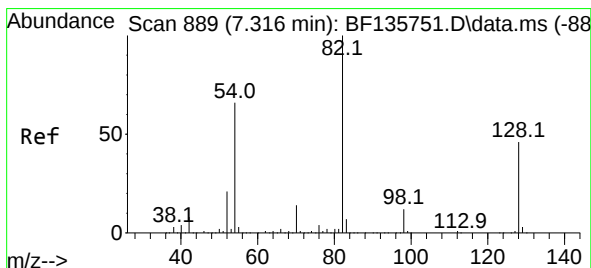
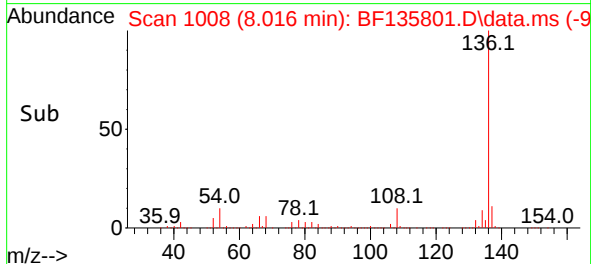
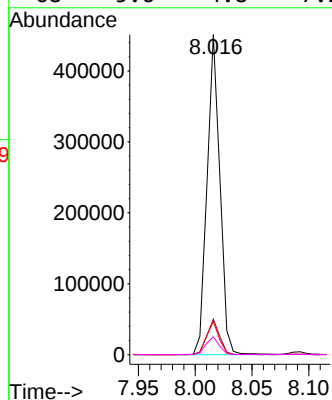
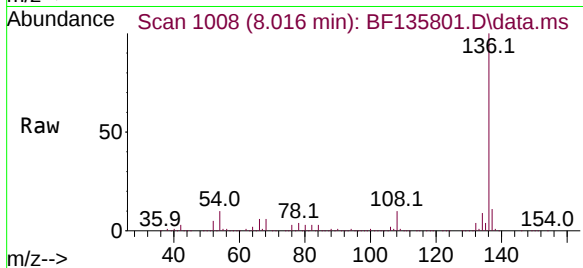


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF135801.D
Acq: 17 Oct 2023 04:00

Instrument :
BNA_F
ClientSampleId :
R-3(10-15)

Tgt Ion:136 Resp: 352403

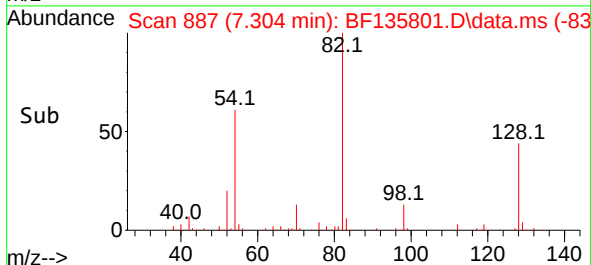
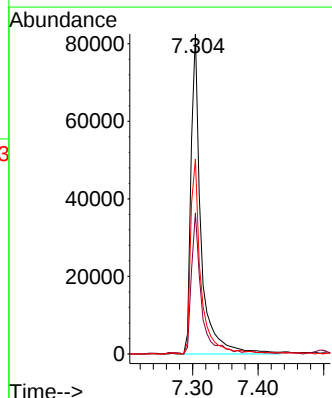
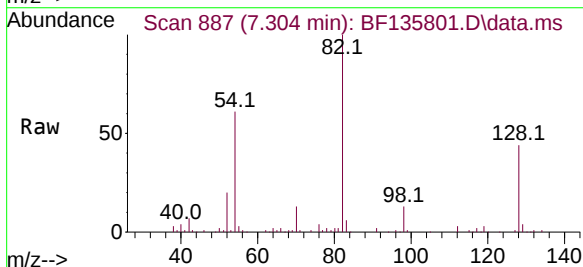
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	10.5	8.5	12.7
68	5.6	4.8	7.2



#23
Nitrobenzene-d5
Concen: 13.635 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.012 min
Lab File: BF135801.D
Acq: 17 Oct 2023 04:00

Tgt Ion: 82 Resp: 87362

Ion	Ratio	Lower	Upper
82	100		
128	44.1	37.0	55.6
54	60.9	52.8	79.2

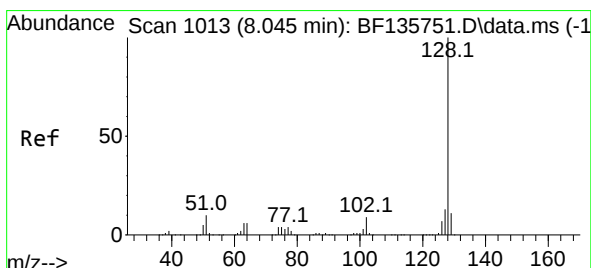
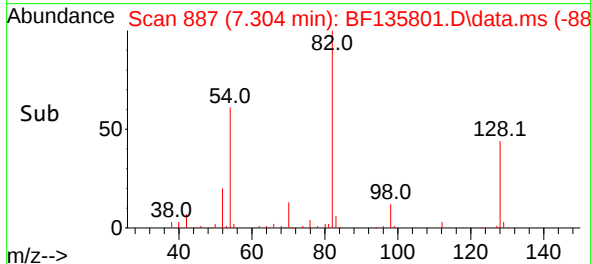
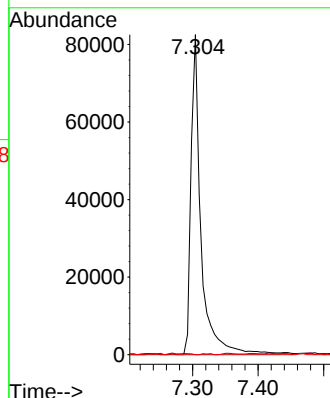
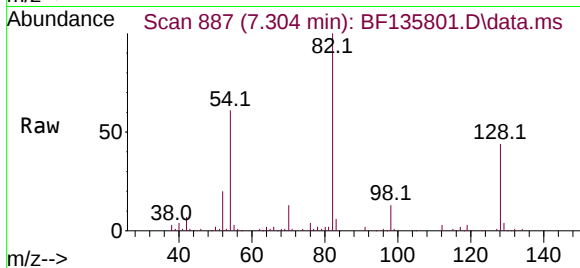




#25
Isophorone
Concen: 7.227 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF135801.D
Acq: 17 Oct 2023 04:00

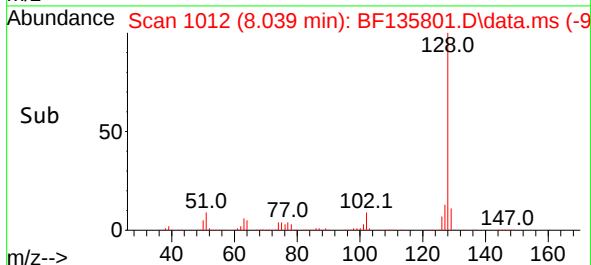
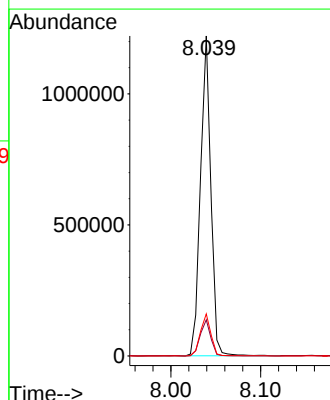
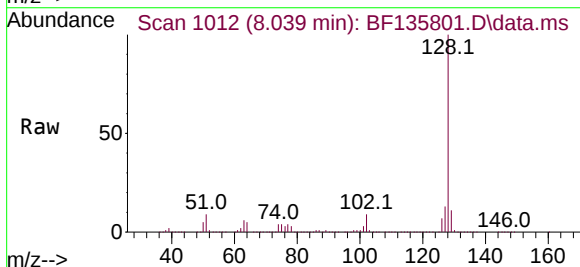
Instrument :
BNA_F
ClientSampleId :
R-3(10-15)

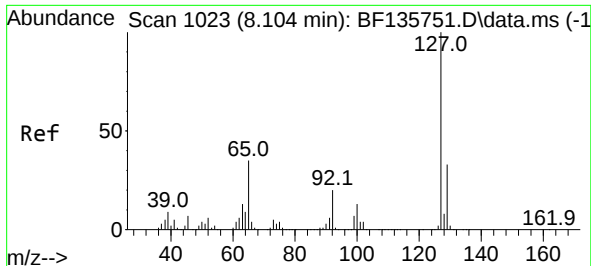
Tgt Ion: 82 Resp: 87362
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.9 20.9#



#31
Naphthalene
Concen: 57.015 ng
RT: 8.039 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF135801.D
Acq: 17 Oct 2023 04:00

Tgt Ion: 128 Resp: 980012
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.2 10.2 15.4

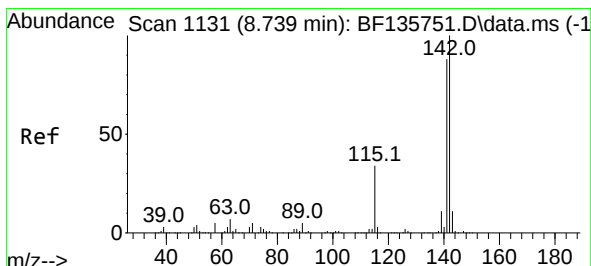
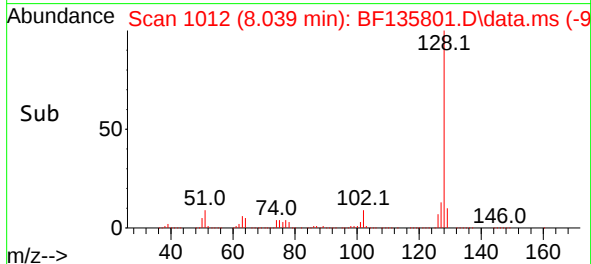
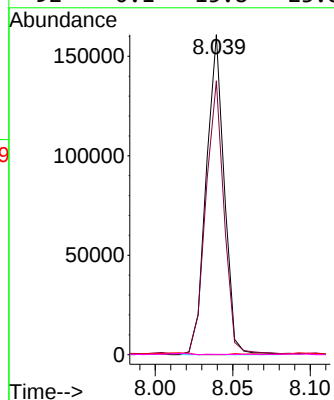
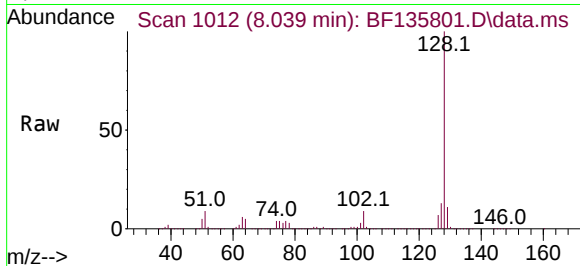




#33
4-Chloroaniline
Concen: 17.342 ng
RT: 8.039 min Scan# 110
Delta R.T. -0.065 min
Lab File: BF135801.D
Acq: 17 Oct 2023 04:00

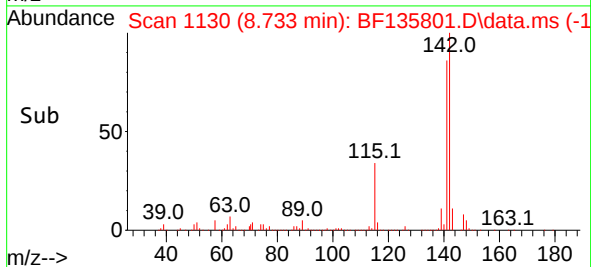
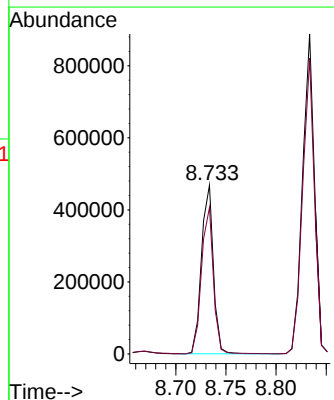
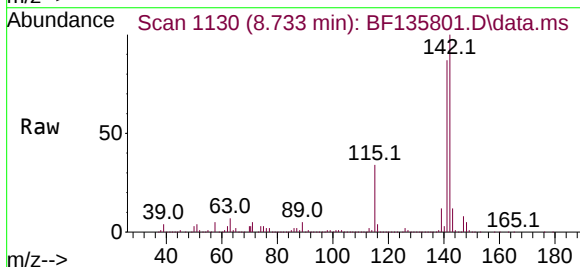
Instrument :
BNA_F
ClientSampleId :
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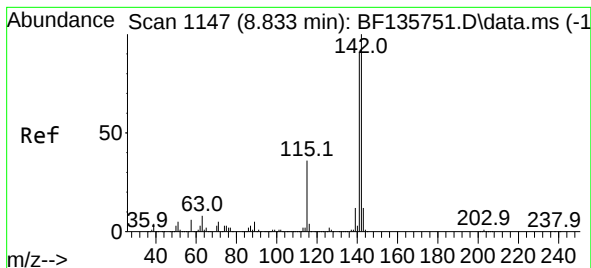
Tgt Ion:127	Resp: 130213
Ion Ratio	Lower Upper
127 100	
129 85.6	26.5 39.7#
65 0.0	27.9 41.9#
92 0.1	15.8 23.8#



#37
2-Methylnaphthalene
Concen: 34.138 ng
RT: 8.733 min Scan# 1130
Delta R.T. -0.006 min
Lab File: BF135801.D
Acq: 17 Oct 2023 04:00

Tgt	Ion:142	Resp:	386607
Ion	Ratio	Lower	Upper
142	100		
141	86.7	70.6	105.8





#38

1-Methylnaphthalene

Concen: 70.202 ng

RT: 8.833 min Scan# 1147

Delta R.T. -0.006 min

Lab File: BF135801.D

Acq: 17 Oct 2023 04:00

Instrument :

BNA_F

ClientSampleId :

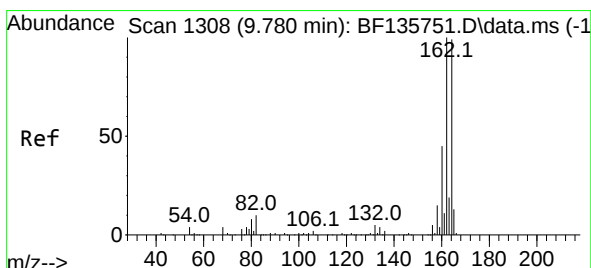
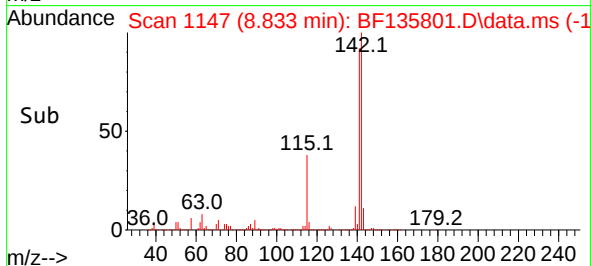
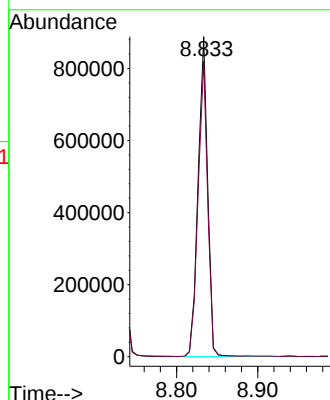
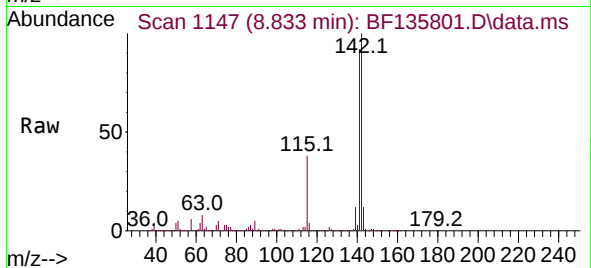
R-3(10-15)

Tgt Ion:142 Resp: 733275

Ion Ratio Lower Upper

142 100

141 92.3 72.7 109.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 1307

Delta R.T. -0.012 min

Lab File: BF135801.D

Acq: 17 Oct 2023 04:00

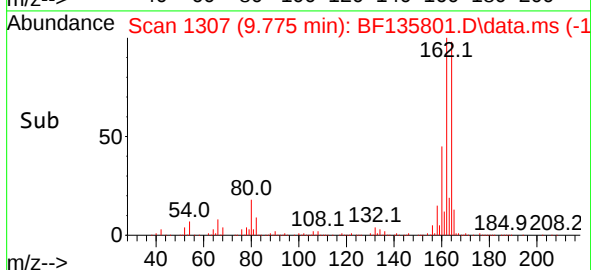
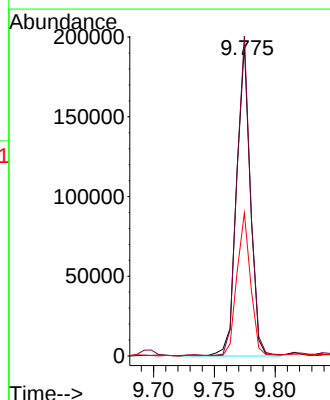
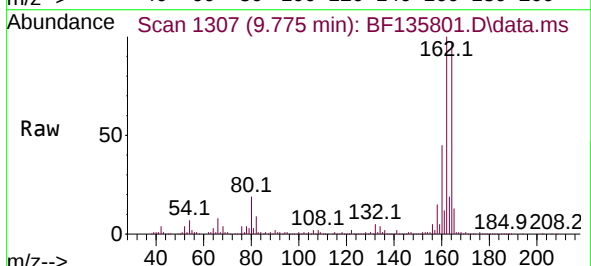
Tgt Ion:164 Resp: 153068

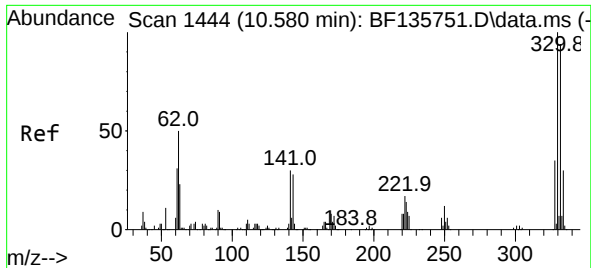
Ion Ratio Lower Upper

164 100

162 102.7 80.8 121.2

160 45.9 36.6 54.8

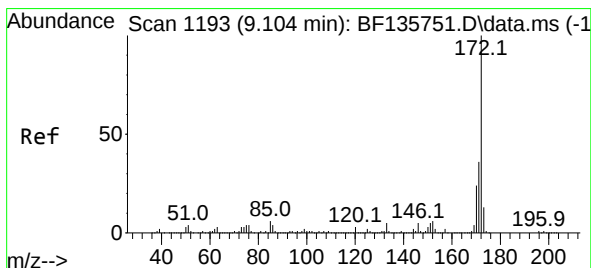
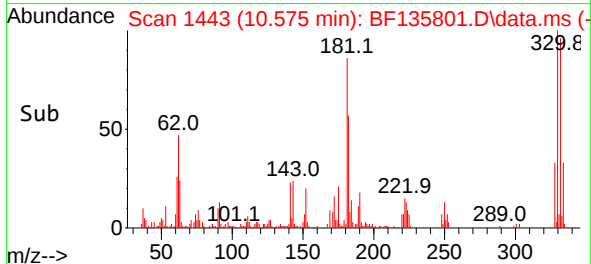
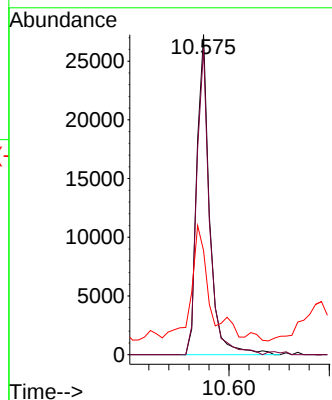
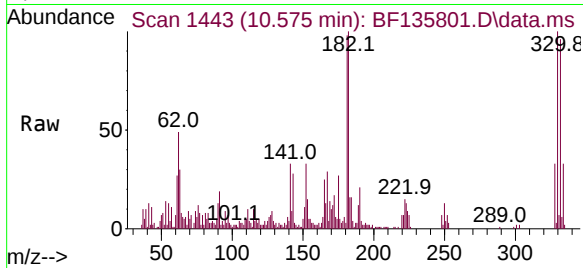




#42
2,4,6-Tribromophenol
Concen: 16.519 ng
RT: 10.575 min Scan# 1444
Delta R.T. -0.012 min
Lab File: BF135801.D
Acq: 17 Oct 2023 04:00

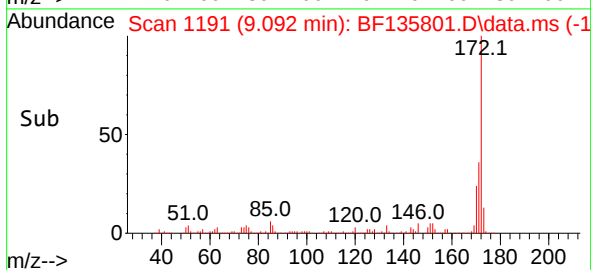
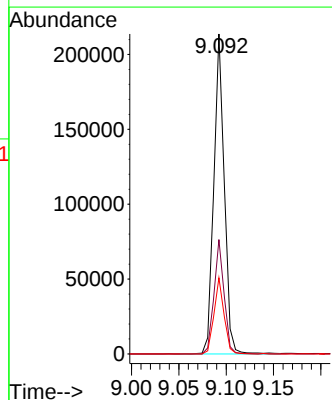
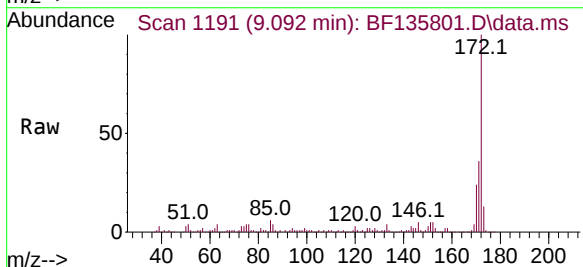
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R-3(10-15)

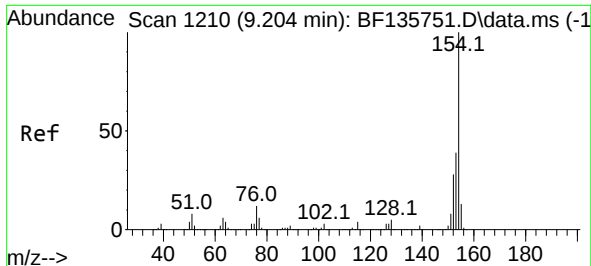
Tgt Ion:330 Resp: 24263
Ion Ratio Lower Upper
330 100
332 96.1 75.0 112.4
141 46.6 25.8 38.6#



#45
2-Fluorobiphenyl
Concen: 16.734 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.012 min
Lab File: BF135801.D
Acq: 17 Oct 2023 04:00

Tgt Ion:172 Resp: 163822
Ion Ratio Lower Upper
172 100
171 35.8 28.4 42.6
170 23.8 18.8 28.2

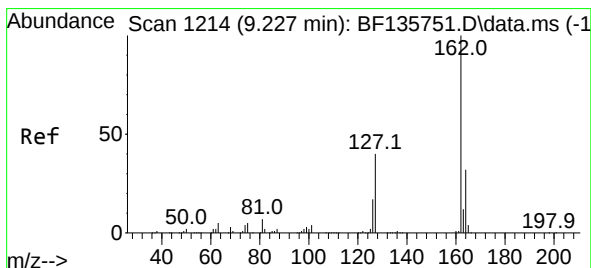
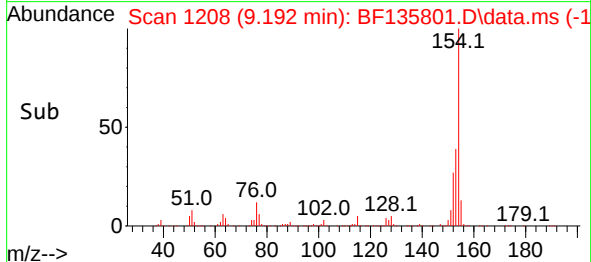
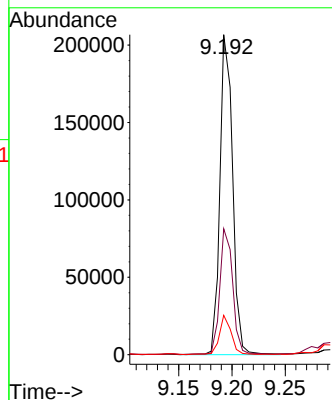
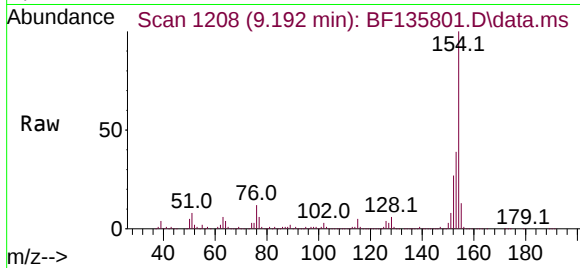




#46
1,1'-Biphenyl
Concen: 14.557 ng
RT: 9.192 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135801.D
Acq: 17 Oct 2023 04:00

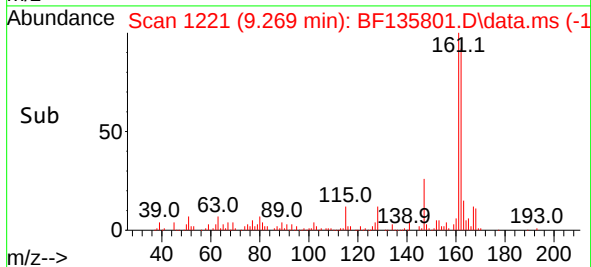
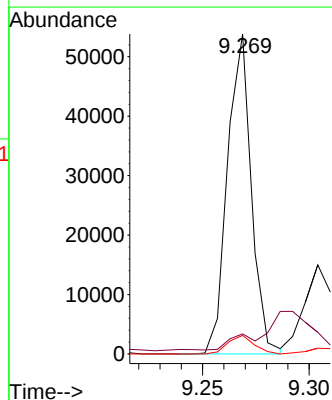
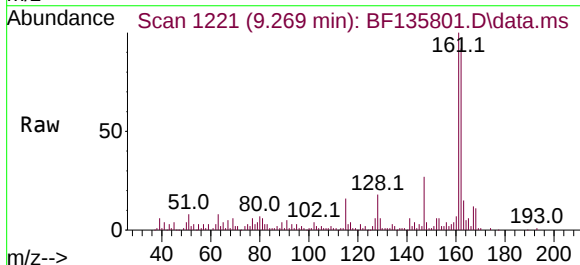
Instrument :
BNA_F
ClientSampleId :
R-3(10-15)

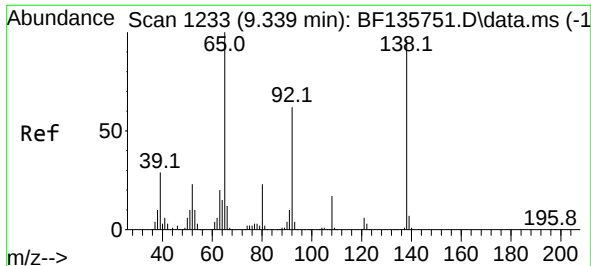
Tgt Ion:154 Resp: 170683
Ion Ratio Lower Upper
154 100
153 39.4 19.4 59.4
76 12.3 0.0 31.7



#47
2-Chloronaphthalene
Concen: 4.957 ng
RT: 9.269 min Scan# 1221
Delta R.T. 0.035 min
Lab File: BF135801.D
Acq: 17 Oct 2023 04:00

Tgt Ion:162 Resp: 41891
Ion Ratio Lower Upper
162 100
127 6.2 34.7 52.1#
164 5.8 25.6 38.4#

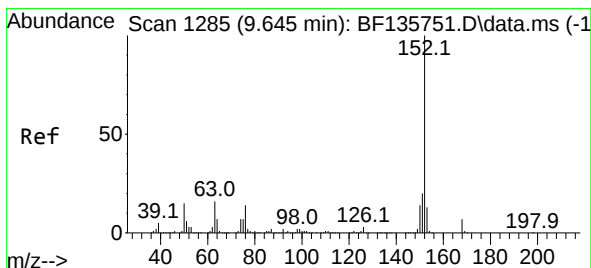
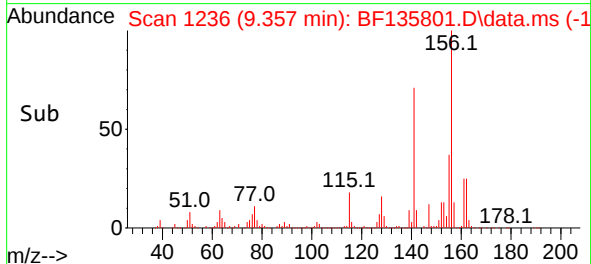
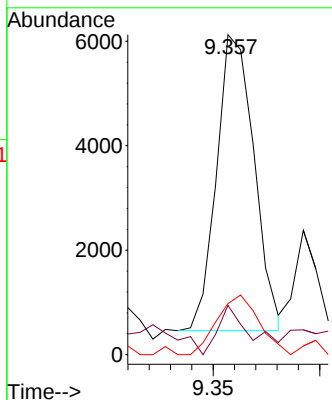
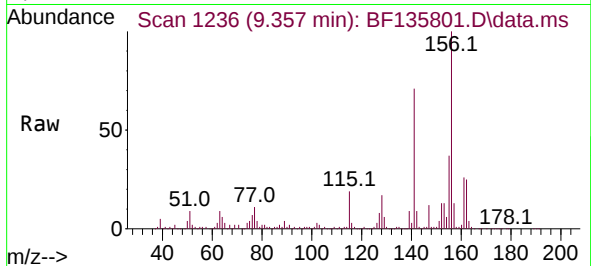




#48
2-Nitroaniline
Concen: 2.079 ng
RT: 9.357 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF135801.D
Acq: 17 Oct 2023 04:00

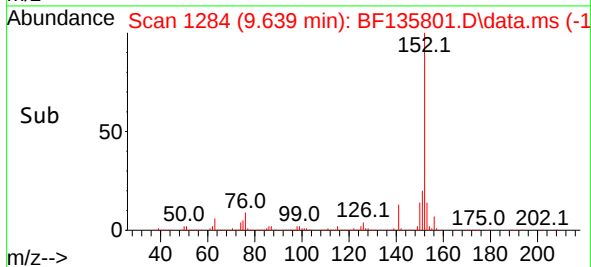
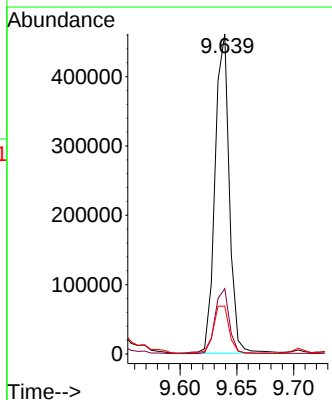
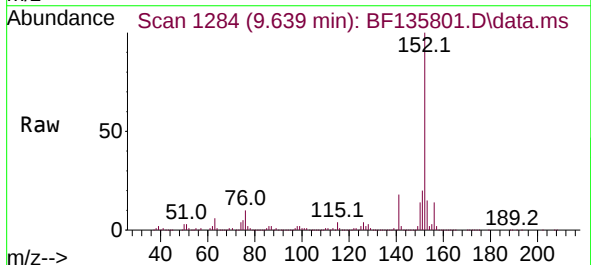
Instrument :
BNA_F
ClientSampleId :
R-3(10-15)

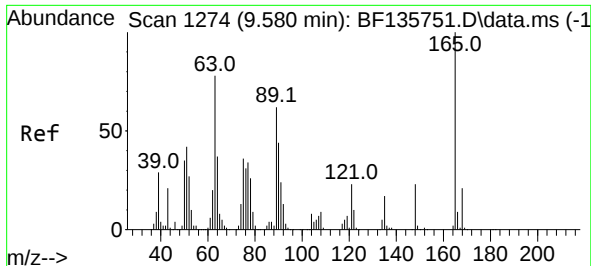
Tgt Ion: 65 Resp: 6935
Ion Ratio Lower Upper
65 100
92 15.4 49.4 74.0#
138 15.9 76.6 114.8#



#49
Acenaphthylene
Concen: 28.792 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BF135801.D
Acq: 17 Oct 2023 04:00

Tgt Ion:152 Resp: 402637
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 15.0 10.2 15.4

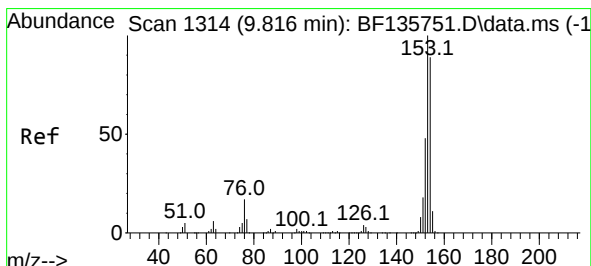
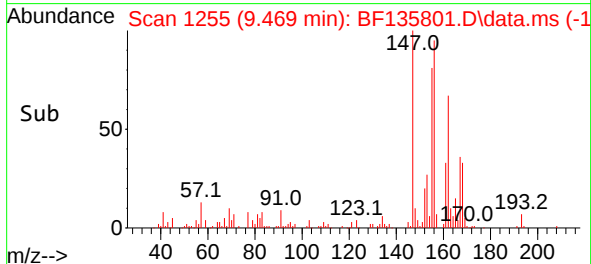
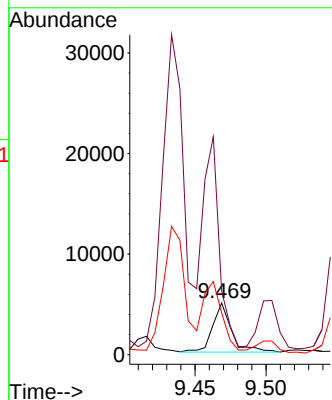
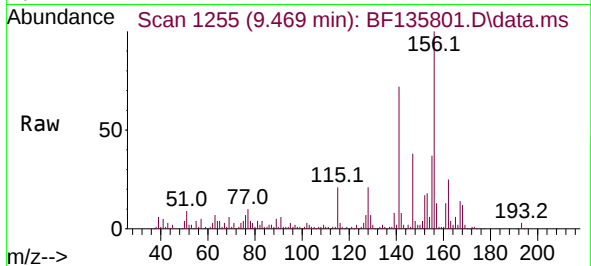




#51
2,6-Dinitrotoluene
Concen: 2.035 ng
RT: 9.469 min Scan# 11
Delta R.T. -0.118 min
Lab File: BF135801.D
Acq: 17 Oct 2023 04:00

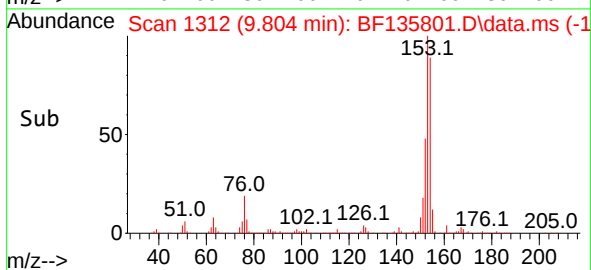
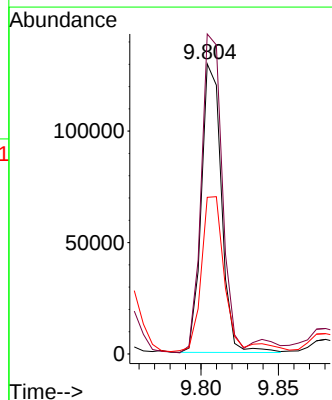
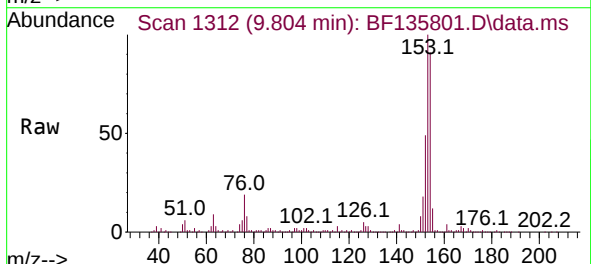
Instrument :
BNA_F
ClientSampleId :
R-3(10-15)

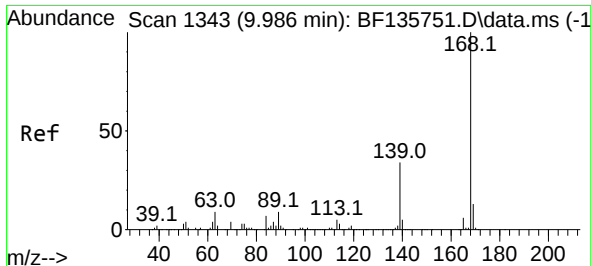
Tgt Ion:165 Resp: 4522
Ion Ratio Lower Upper
165 100
63 123.6 62.2 93.4#
89 80.8 49.6 74.4#



#52
Acenaphthene
Concen: 13.941 ng
RT: 9.804 min Scan# 1312
Delta R.T. -0.012 min
Lab File: BF135801.D
Acq: 17 Oct 2023 04:00

Tgt Ion:154 Resp: 116849
Ion Ratio Lower Upper
154 100
153 110.3 90.1 135.1
152 54.0 43.1 64.7

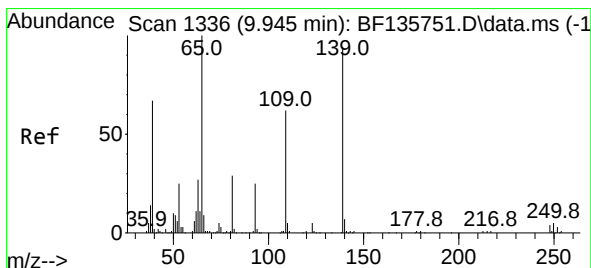
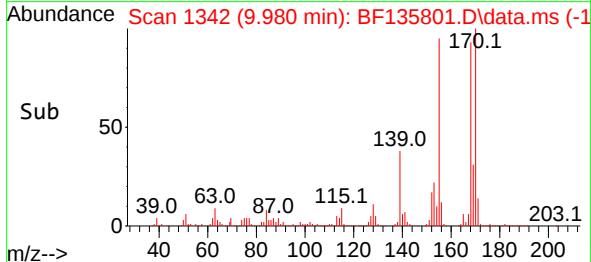
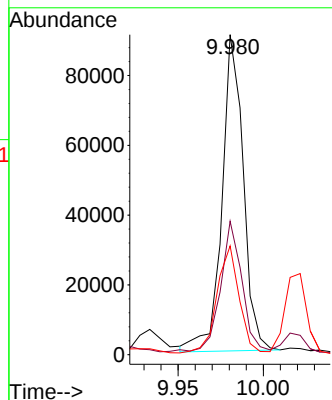
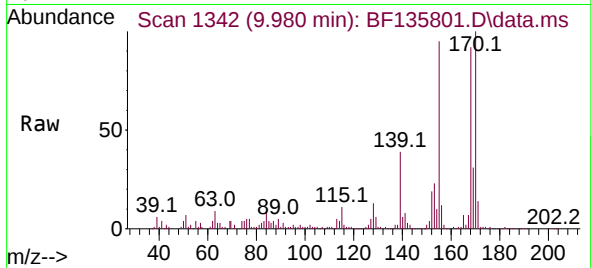




#55
Dibenzofuran
Concen: 6.236 ng
RT: 9.980 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135801.D
Acq: 17 Oct 2023 04:00

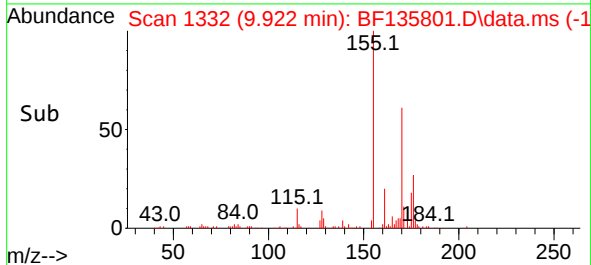
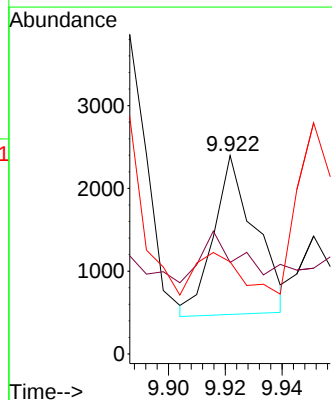
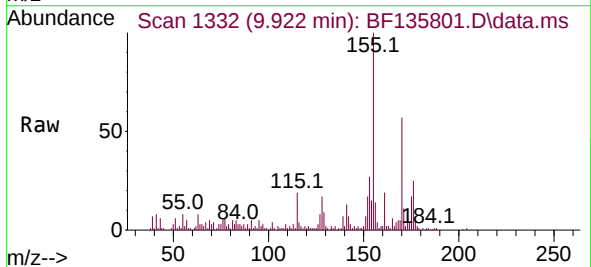
Instrument :
BNA_F
ClientSampleId :
R-3(10-15)

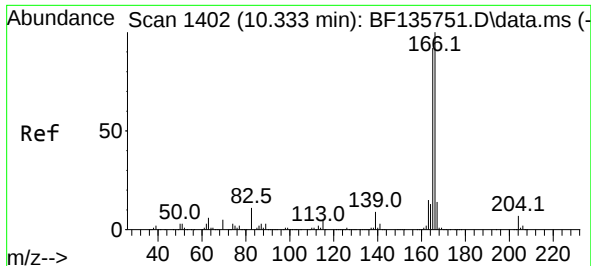
Tgt Ion:168 Resp: 78873
Ion Ratio Lower Upper
168 100
139 41.7 31.0 46.4
169 34.0 10.7 16.1#



#56
4-Nitrophenol
Concen: 6.950 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.024 min
Lab File: BF135801.D
Acq: 17 Oct 2023 04:00

Tgt Ion:139 Resp: 1953
Ion Ratio Lower Upper
139 100
109 46.2 45.6 85.6
65 46.5 87.5 127.5#

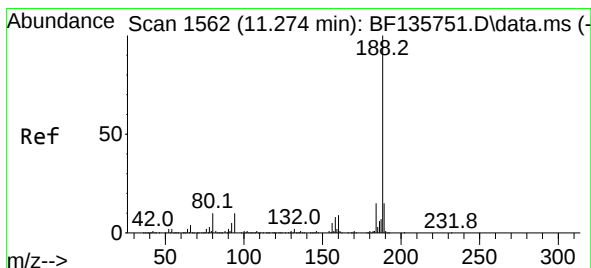
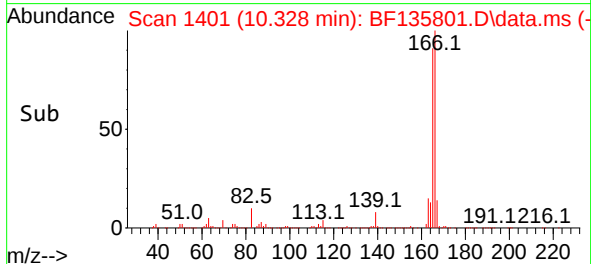
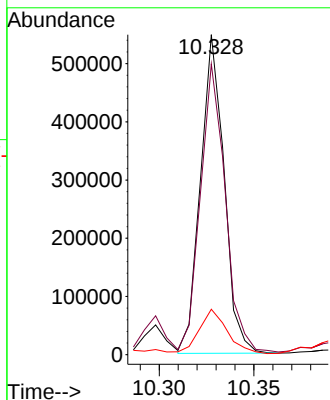
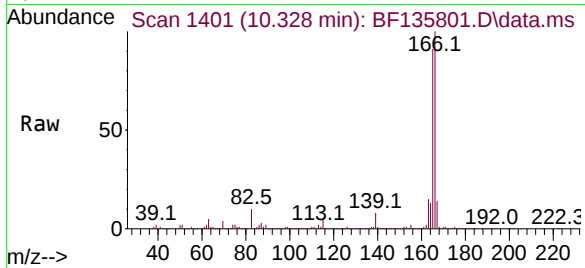




#58
Fluorene
Concen: 47.927 ng
RT: 10.328 min Scan# 1402
Delta R.T. -0.012 min
Lab File: BF135801.D
Acq: 17 Oct 2023 04:00

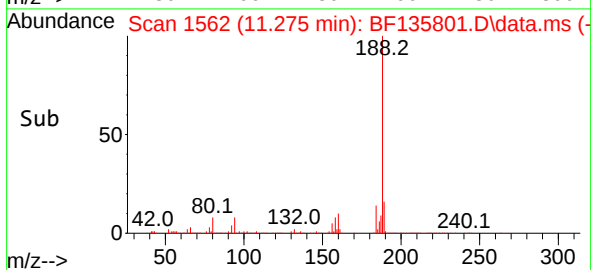
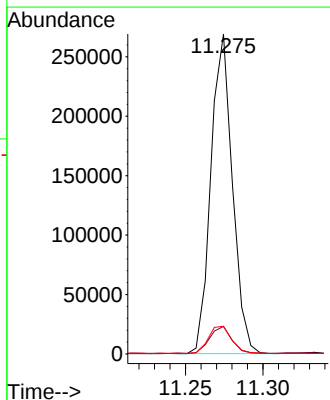
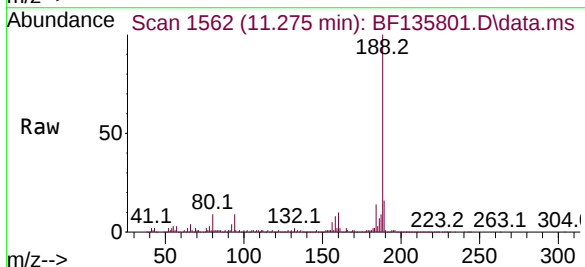
Instrument :
BNA_F
ClientSampleId :
R-3(10-15)

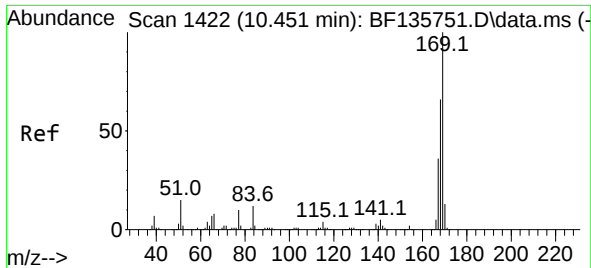
Tgt Ion:166 Resp: 474535
Ion Ratio Lower Upper
166 100
165 90.9 73.4 110.0
167 14.2 11.0 16.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.275 min Scan# 1562
Delta R.T. -0.006 min
Lab File: BF135801.D
Acq: 17 Oct 2023 04:00

Tgt Ion:188 Resp: 259410
Ion Ratio Lower Upper
188 100
94 8.6 8.0 12.0
80 8.7 8.3 12.5

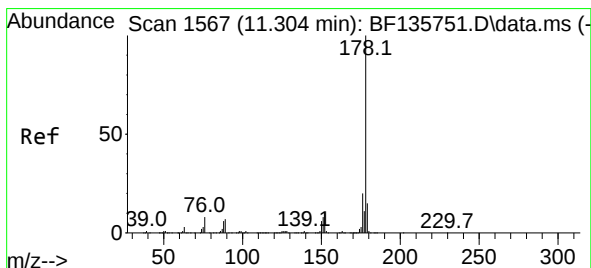
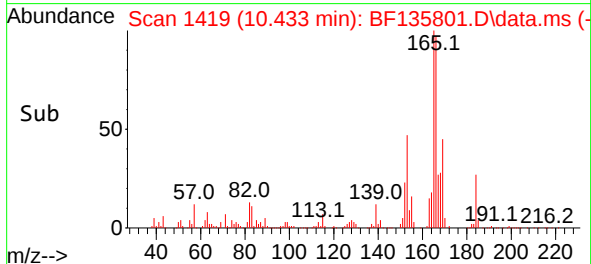
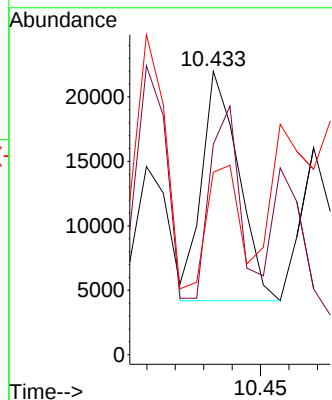
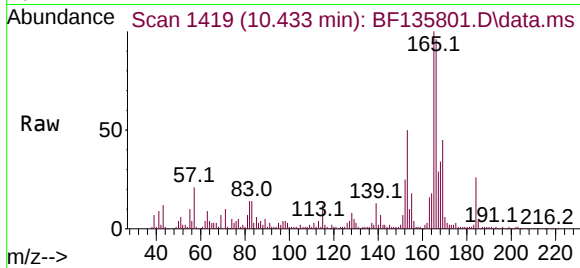




#66
 n-Nitrosodiphenylamine
 Concen: 2.021 ng
 RT: 10.433 min Scan# 1422
 Delta R.T. -0.018 min
 Lab File: BF135801.D
 Acq: 17 Oct 2023 04:00

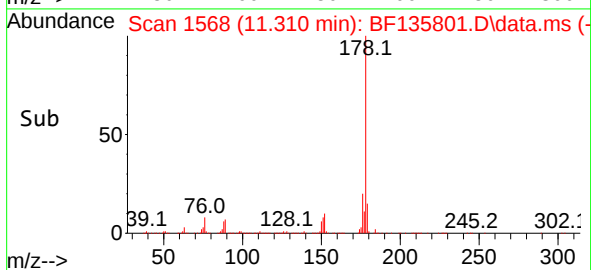
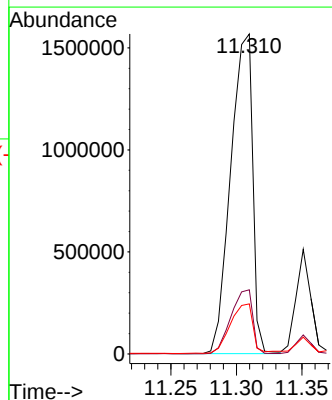
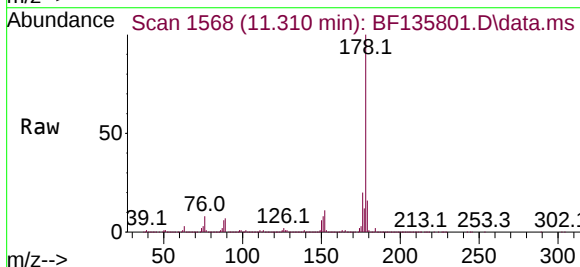
Instrument :
 BNA_F
 ClientSampleId :
 R-3(10-15)

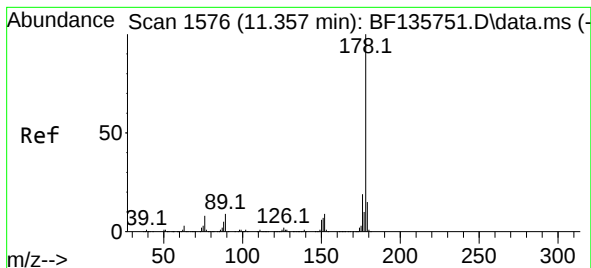
Tgt Ion:169 Resp: 15981
 Ion Ratio Lower Upper
 169 100
 168 74.2 53.4 80.2
 167 64.4 29.2 43.8#



#71
 Phenanthrene
 Concen: 146.994 ng
 RT: 11.310 min Scan# 1568
 Delta R.T. 0.006 min
 Lab File: BF135801.D
 Acq: 17 Oct 2023 04:00

Tgt Ion:178 Resp: 1826685
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.0 24.0
 179 15.6 12.2 18.4





#72

Anthracene

Concen: 30.509 ng

RT: 11.351 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135801.D

Acq: 17 Oct 2023 04:00

Instrument :

BNA_F

ClientSampleId :

R-3(10-15)

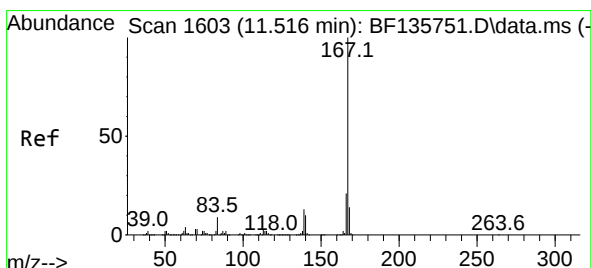
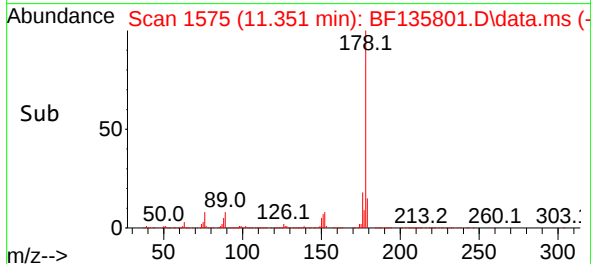
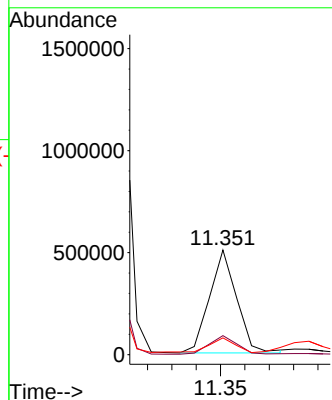
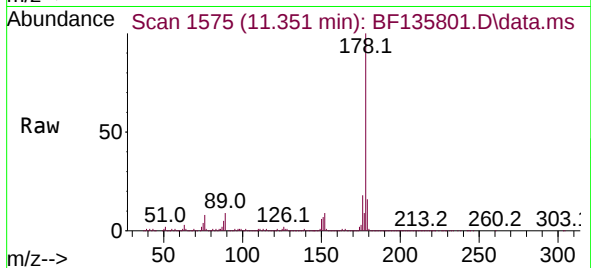
Tgt Ion:178 Resp: 392873

Ion Ratio Lower Upper

178 100

176 18.2 15.1 22.7

179 16.0 12.3 18.5



#73

Carbazole

Concen: 2.557 ng

RT: 11.516 min Scan# 1603

Delta R.T. -0.006 min

Lab File: BF135801.D

Acq: 17 Oct 2023 04:00

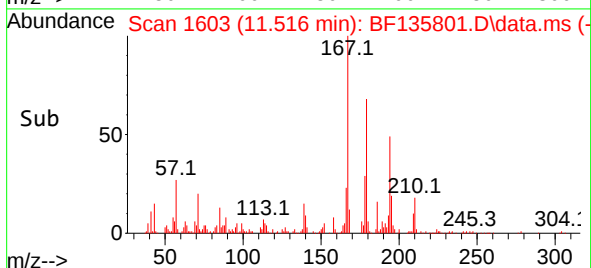
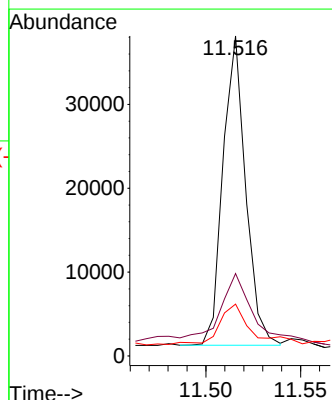
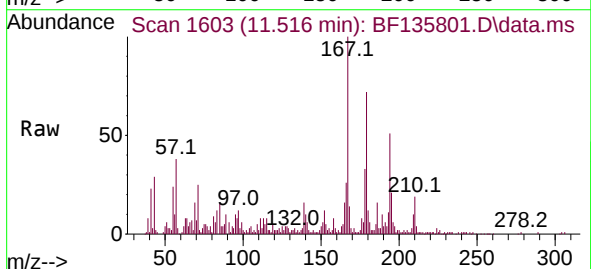
Tgt Ion:167 Resp: 30710

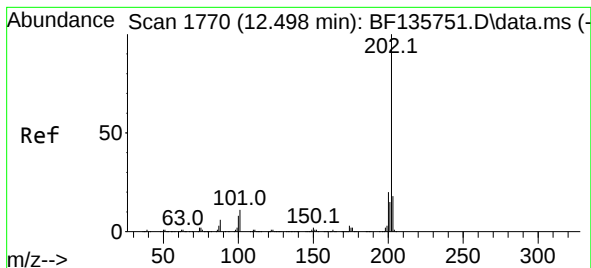
Ion Ratio Lower Upper

167 100

166 25.8 17.1 25.7#

139 16.2 10.2 15.4#





#75

Fluoranthene

Concen: 85.697 ng

RT: 12.504 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF135801.D

Acq: 17 Oct 2023 04:00

Instrument :

BNA_F

ClientSampleId :

R-3(10-15)

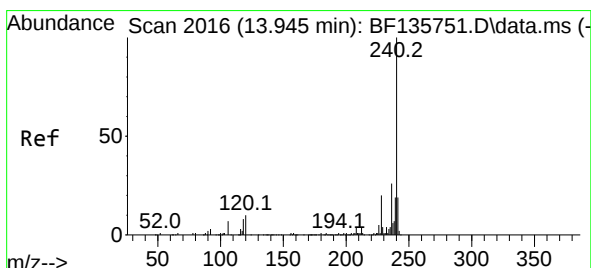
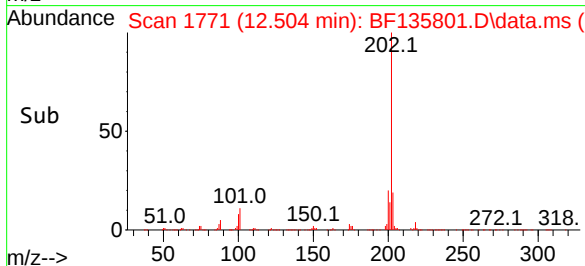
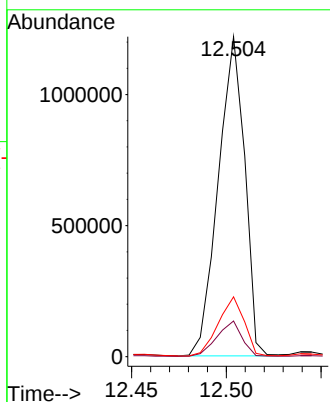
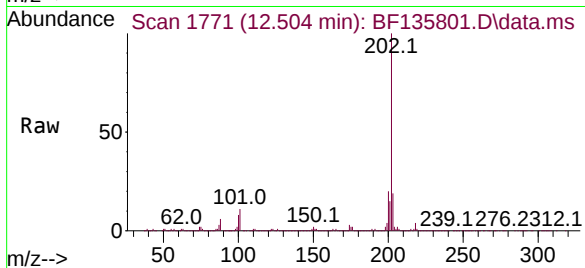
Tgt Ion:202 Resp: 1181966

Ion Ratio Lower Upper

202 100

101 11.2 0.0 31.5

203 18.7 0.0 38.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF135801.D

Acq: 17 Oct 2023 04:00

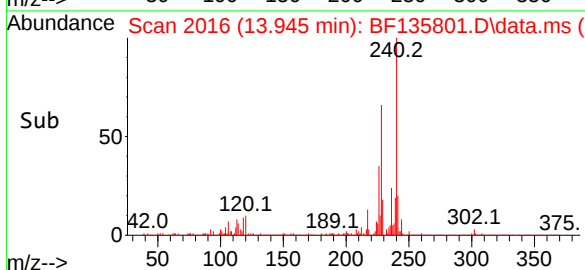
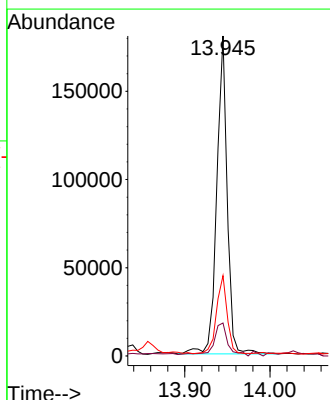
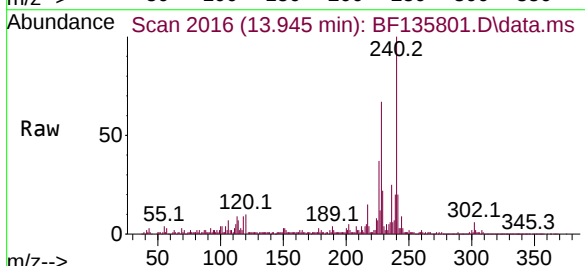
Tgt Ion:240 Resp: 153394

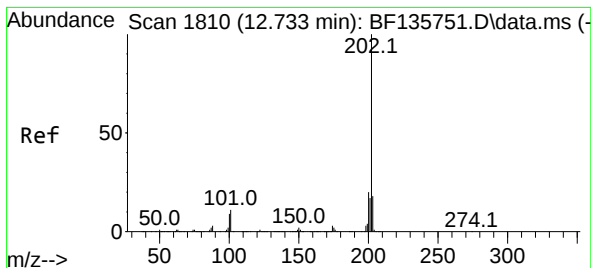
Ion Ratio Lower Upper

240 100

120 10.3 8.2 12.2

236 25.1 21.2 31.8





#78

Pyrene

Concen: 138.825 ng

RT: 12.739 min Scan# 1810

Delta R.T. 0.006 min

Lab File: BF135801.D

Acq: 17 Oct 2023 04:00

Instrument :

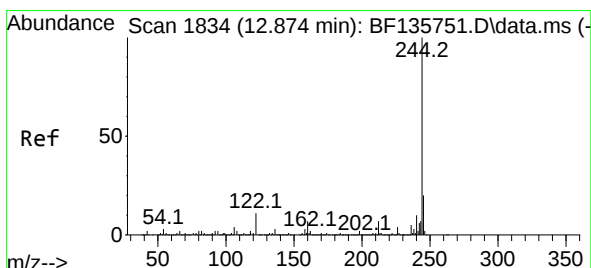
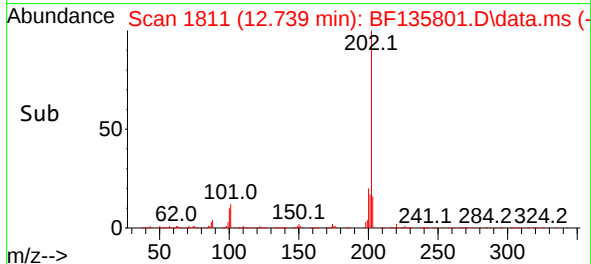
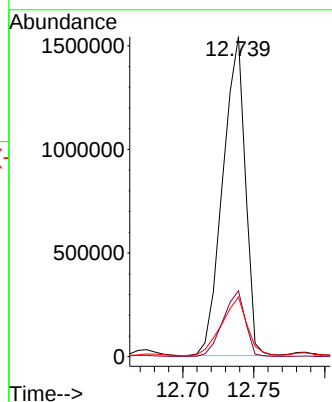
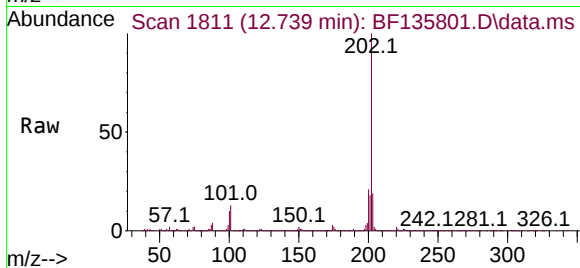
BNA_F

ClientSampleId :

R-3(10-15)

Tgt Ion:202 Resp: 1692212

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.1	24.1
203	18.7	14.2	21.2



#79

Terphenyl-d14

Concen: 16.900 ng

RT: 12.869 min Scan# 1833

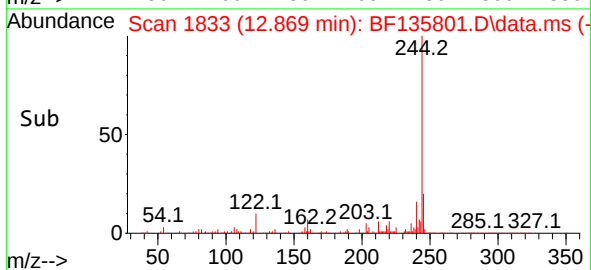
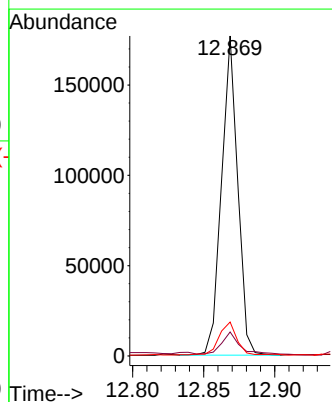
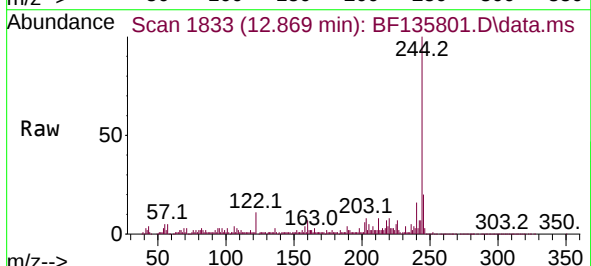
Delta R.T. -0.012 min

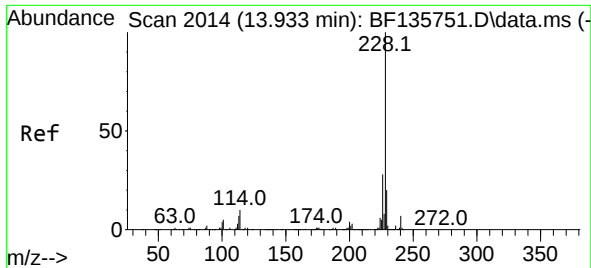
Lab File: BF135801.D

Acq: 17 Oct 2023 04:00

Tgt Ion:244 Resp: 139982

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.6	8.4
122	10.6	9.0	13.6

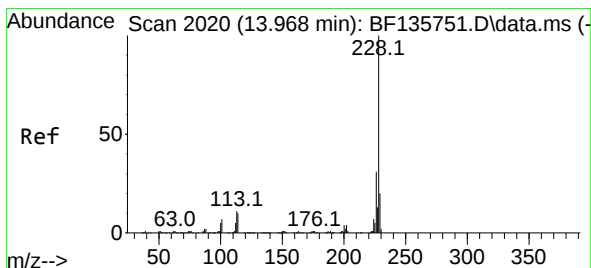
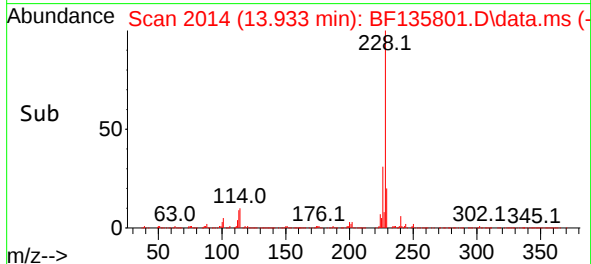
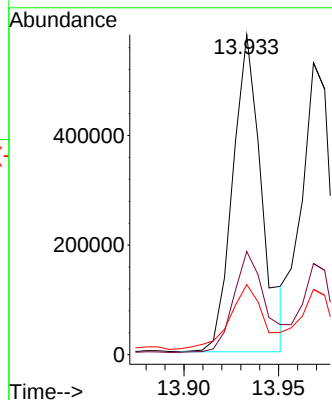
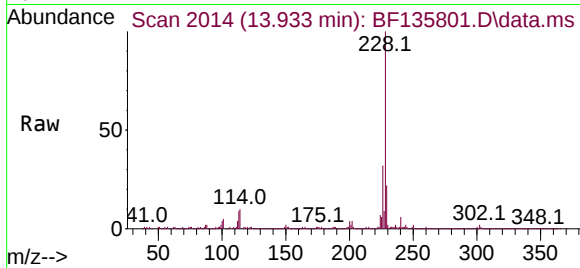




#81
Benzo(a)anthracene
Concen: 61.130 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF135801.D
Acq: 17 Oct 2023 04:00

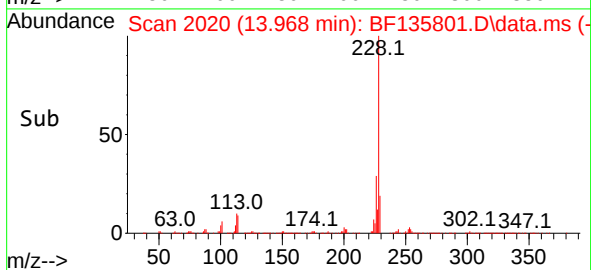
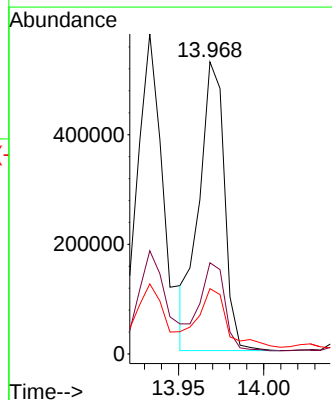
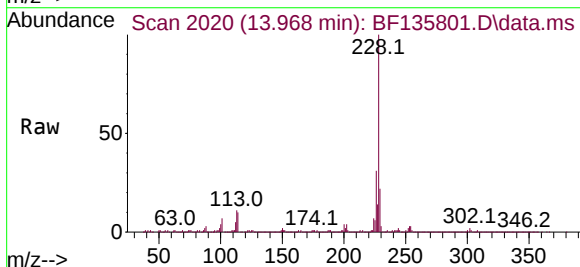
Instrument :
BNA_F
ClientSampleId :
R-3(10-15)

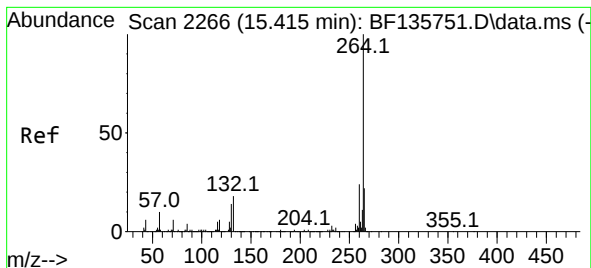
Tgt Ion:228 Resp: 615916
Ion Ratio Lower Upper
228 100
226 32.3 22.2 33.2
229 21.9 16.1 24.1



#83
Chrysene
Concen: 55.967 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF135801.D
Acq: 17 Oct 2023 04:00

Tgt Ion:228 Resp: 546175
Ion Ratio Lower Upper
228 100
226 31.2 24.4 36.6
229 22.3 15.7 23.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.421 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF135801.D

Acq: 17 Oct 2023 04:00

Instrument :

BNA_F

ClientSampleId :

R-3(10-15)

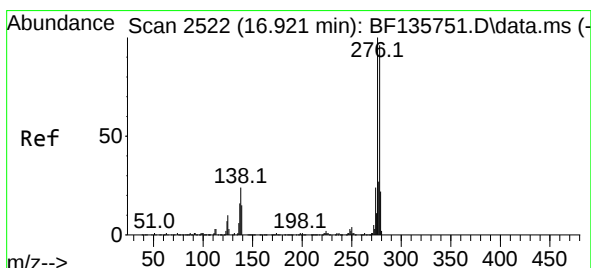
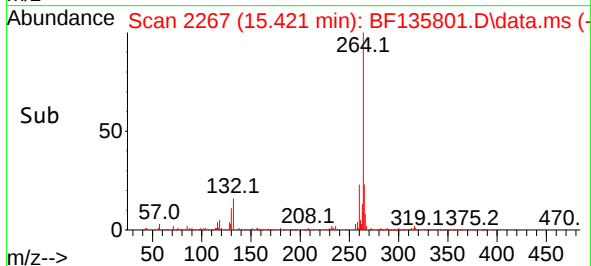
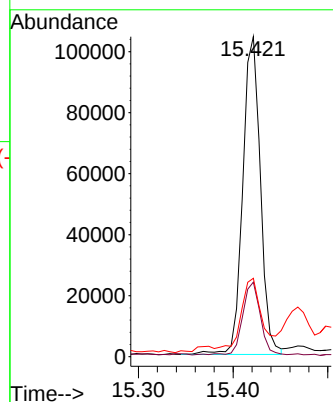
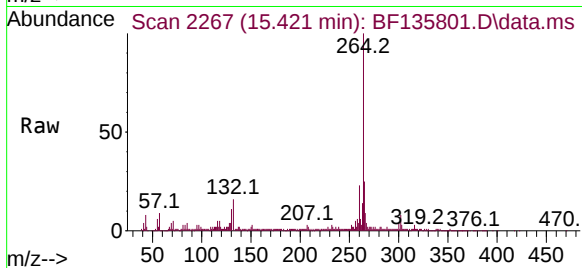
Tgt Ion:264 Resp: 134755

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 24.5 17.4 26.2



#87

Indeno(1,2,3-cd)pyrene

Concen: 21.778 ng

RT: 16.927 min Scan# 2523

Delta R.T. -0.006 min

Lab File: BF135801.D

Acq: 17 Oct 2023 04:00

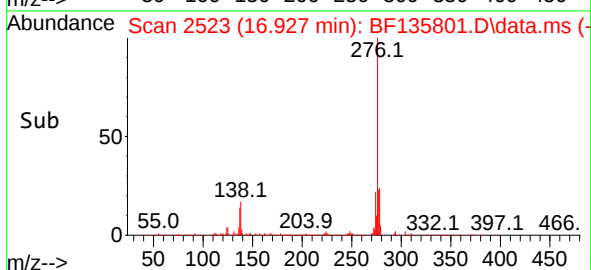
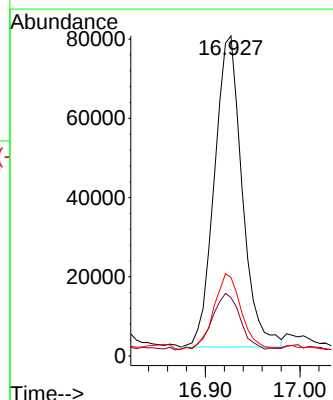
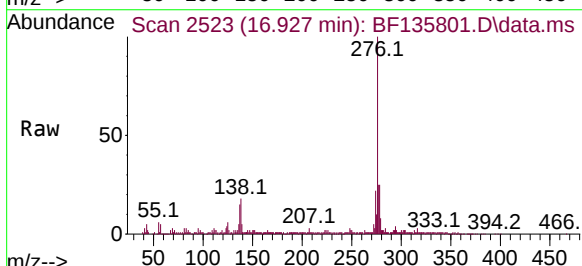
Tgt Ion:276 Resp: 159904

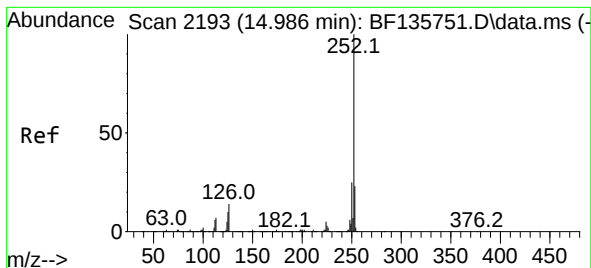
Ion Ratio Lower Upper

276 100

138 17.9 19.8 29.6#

277 24.5 20.2 30.4





#88

Benzo(b)fluoranthene

Concen: 66.929 ng

RT: 14.992 min Scan# 2194

Delta R.T. -0.000 min

Lab File: BF135801.D

Acq: 17 Oct 2023 04:00

Instrument :

BNF

ClientSampleId :

R-3(10-15)

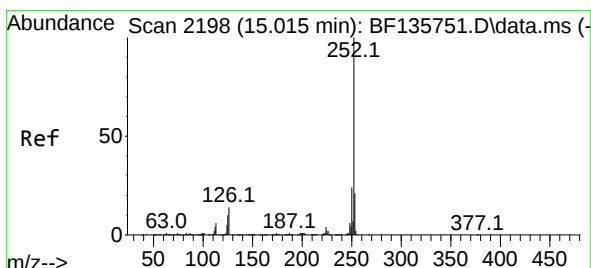
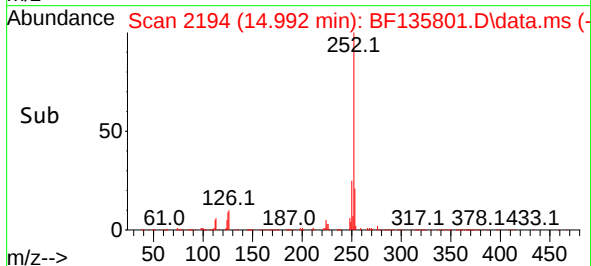
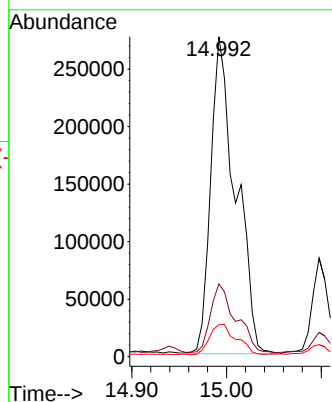
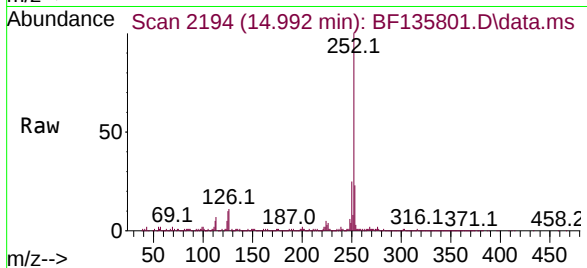
Tgt Ion:252 Resp: 504766

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.2

125 10.0 8.2 12.2



#89

Benzo(k)fluoranthene

Concen: 68.939 ng

RT: 14.992 min Scan# 2194

Delta R.T. -0.030 min

Lab File: BF135801.D

Acq: 17 Oct 2023 04:00

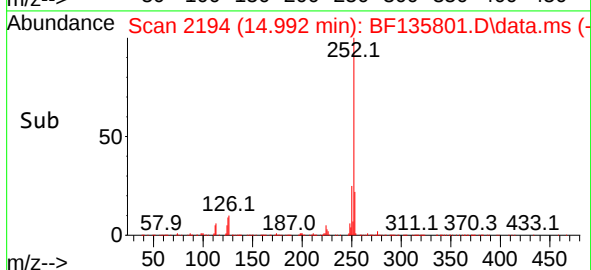
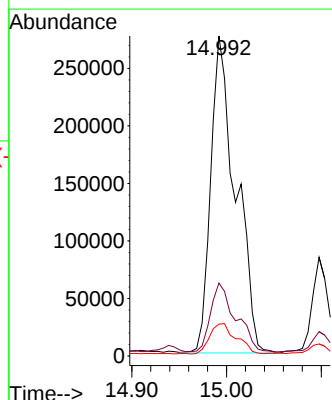
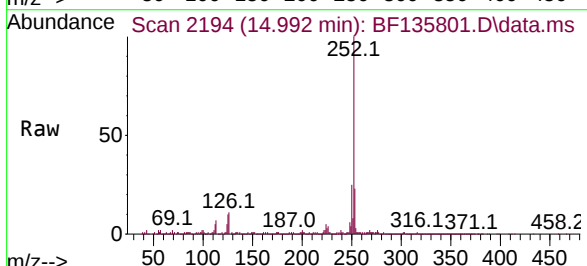
Tgt Ion:252 Resp: 504766

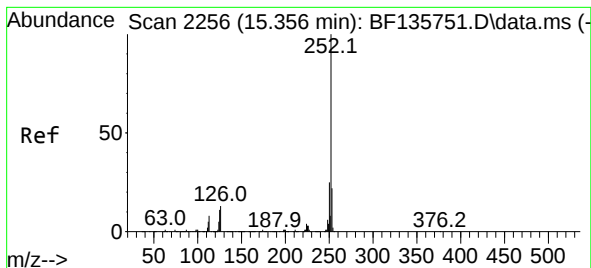
Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.0

125 10.0 8.3 12.5





#90

Benzo(a)pyrene

Concen: 55.539 ng

RT: 15.362 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF135801.D

Acq: 17 Oct 2023 04:00

Instrument :

BNA_F

ClientSampleId :

R-3(10-15)

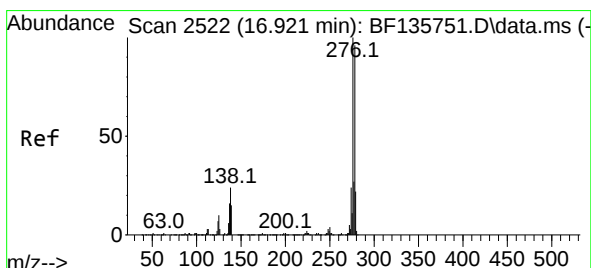
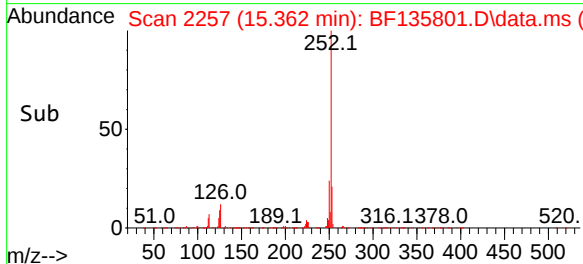
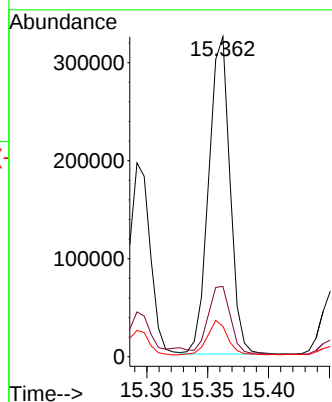
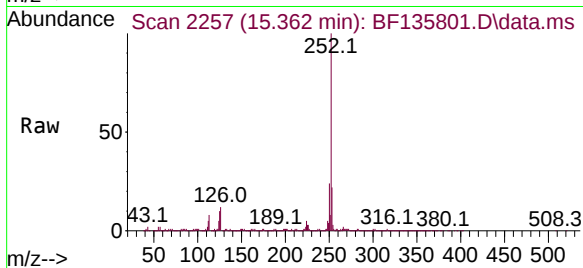
Tgt Ion:252 Resp: 393874

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 9.5 8.8 13.2



#91

Dibenzo(a,h)anthracene

Concen: 7.932 ng

RT: 16.921 min Scan# 2522

Delta R.T. -0.018 min

Lab File: BF135801.D

Acq: 17 Oct 2023 04:00

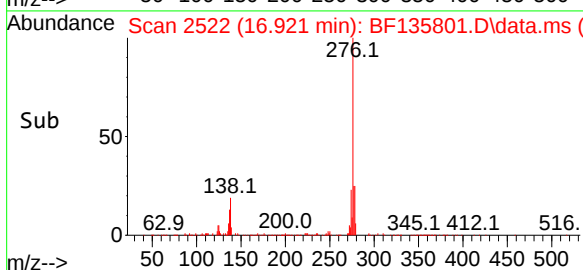
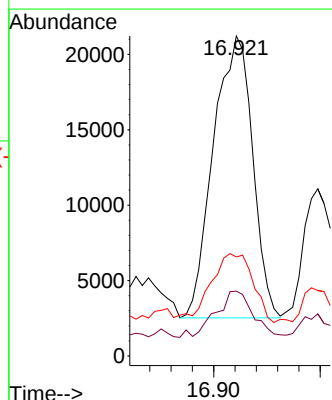
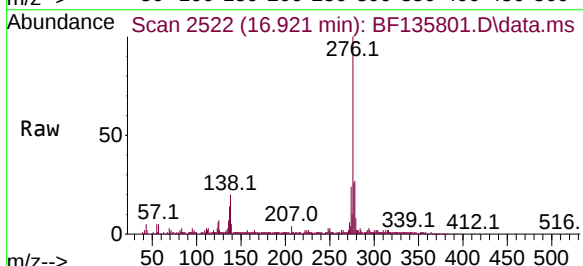
Tgt Ion:278 Resp: 47745

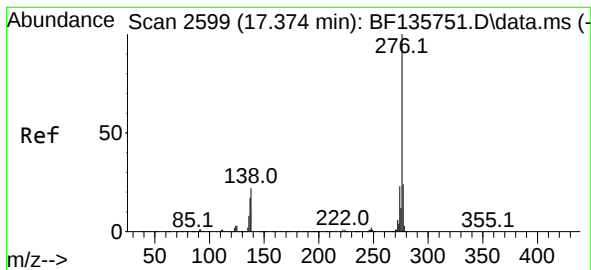
Ion Ratio Lower Upper

278 100

139 20.3 12.5 18.7#

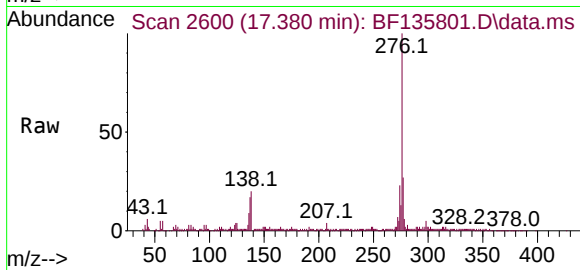
279 30.9 18.6 27.8#





#92
 Benzo(g,h,i)perylene
 Concen: 27.643 ng
 RT: 17.380 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: BF135801.D
 Acq: 17 Oct 2023 04:00

Instrument :
 BNA_F
 ClientSampleId :
 R-3(10-15)



Tgt Ion:276 Resp: 170915
 Ion Ratio Lower Upper
 276 100
 277 26.9 19.4 29.2
 138 19.6 17.3 25.9

