

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100623\
 Data File : BF135634.D
 Acq On : 06 Oct 2023 17:53
 Operator : CG\JU
 Sample : 04735-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 07 01:50:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

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

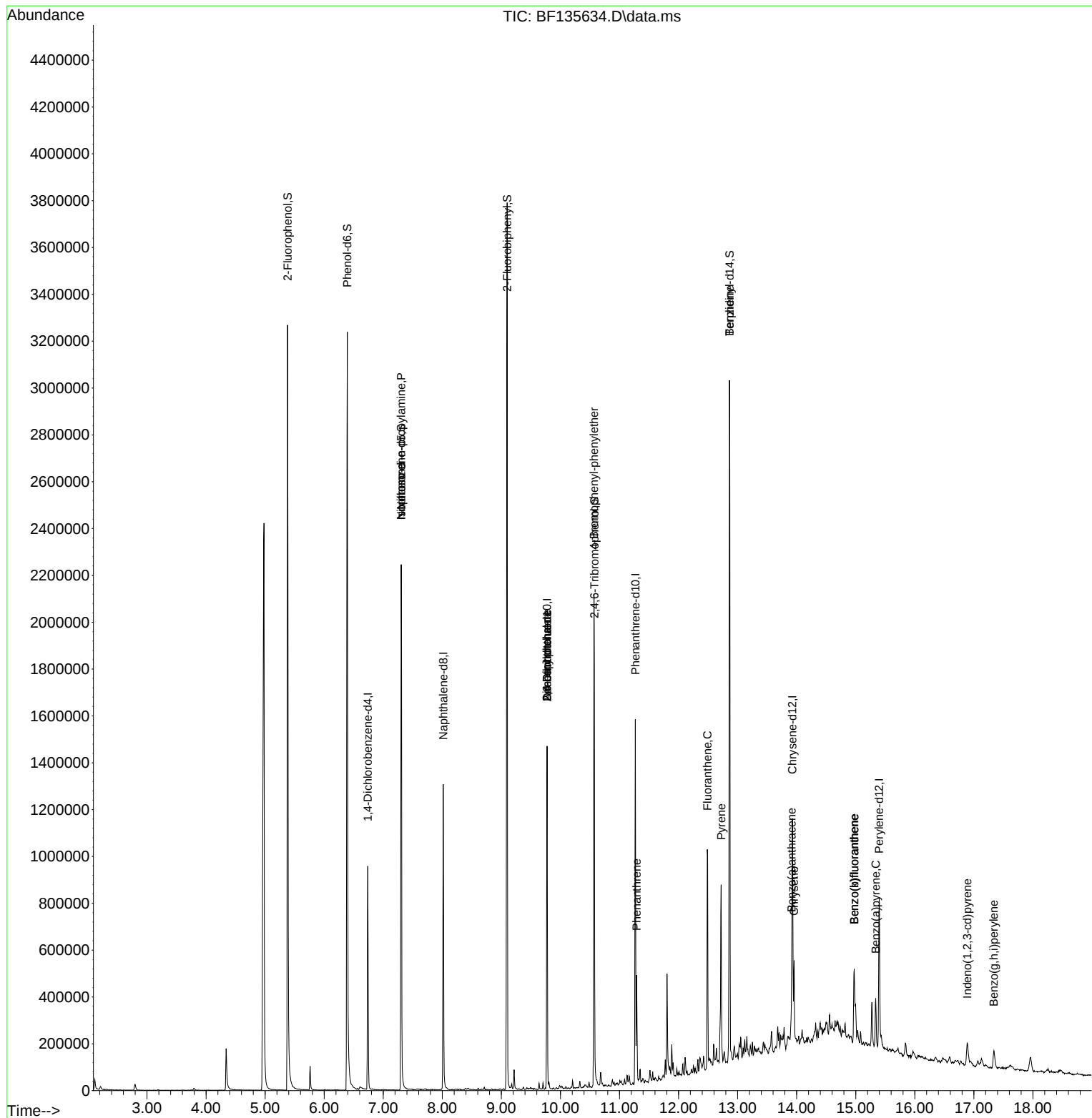
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	141251	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	563155	20.000	ng	# 0.00
39) Acenaphthene-d10	9.775	164	284629	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	525839	20.000	ng	0.00
76) Chrysene-d12	13.927	240	281819	20.000	ng	0.00
86) Perylene-d12	15.398	264	302586	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	904851	104.190	ng	0.01
7) Phenol-d6	6.392	99	1175572	106.454	ng	0.00
23) Nitrobenzene-d5	7.304	82	739596	71.351	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	260876	92.230	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1214303	64.366	ng	0.00
79) Terphenyl-d14	12.863	244	1075447	59.157	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.304	70	99122	14.491	ng	# 81
25) Isophorone	7.304	82	739655	38.860	ng	# 65
50) Dimethylphthalate	9.775	163	56888	2.956	ng	# 1
51) 2,6-Dinitrotoluene	9.775	165	36079	8.558	ng	# 17
57) 2,4-Dinitrotoluene	9.775	165	36079	6.836	ng	# 19
67) 4-Bromophenyl-phenylether	10.569	248	16547	3.164	ng	# 1
71) Phenanthrene	11.292	178	160684	6.461	ng	99
75) Fluoranthene	12.492	202	396937	15.317	ng	100
77) Benzidine	12.863	184	14975	2.594	ng	# 93
78) Pyrene	12.721	202	321471	11.981	ng	99
81) Benzo(a)anthracene	13.915	228	128089	7.039	ng	98
83) Chrysene	13.957	228	149065	8.239	ng	98
87) Indeno(1,2,3-cd)pyrene	16.886	276	66749	3.364	ng	98
88) Benzo(b)fluoranthene	14.974	252	241160	14.723	ng	# 97
89) Benzo(k)fluoranthene	14.974	252	241160	14.904	ng	# 96
90) Benzo(a)pyrene	15.339	252	102830	6.583	ng	# 96
92) Benzo(g,h,i)perylene	17.339	276	61878	3.650	ng	94

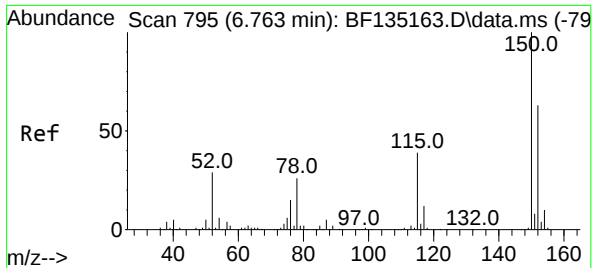
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100623\
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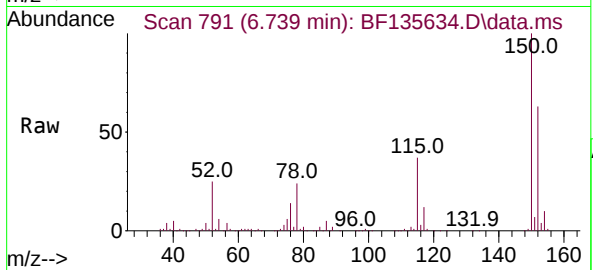
Quant Time: Oct 07 01:50:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 04 17:06:20 2023
Response via : Initial Calibration



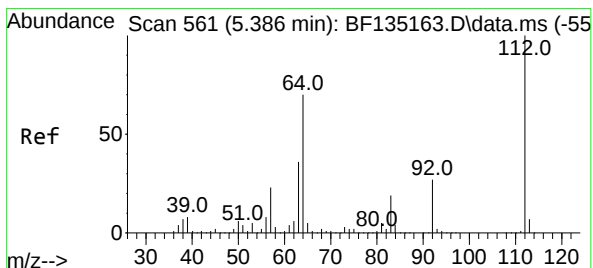
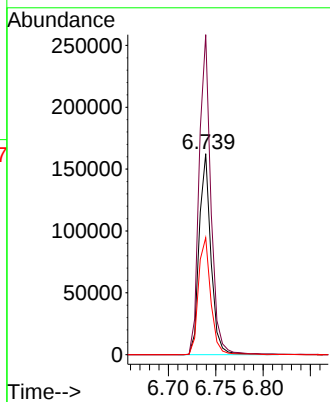
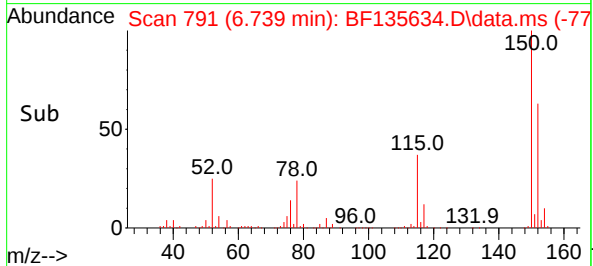


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135634.D
Acq: 06 Oct 2023 17:53

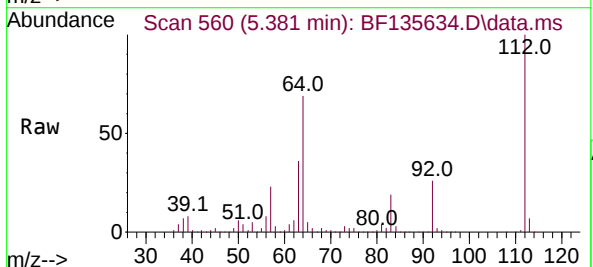
Instrument :
BNA_F
ClientSampleId :



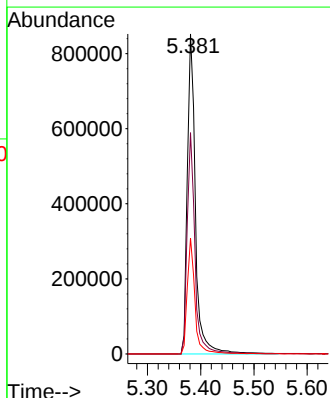
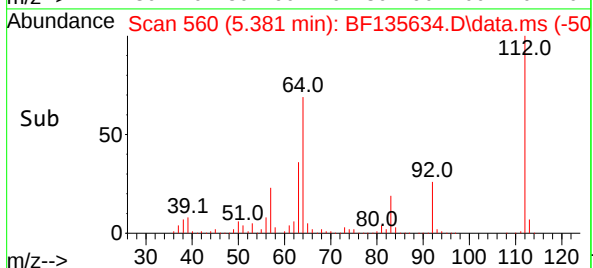
Tgt Ion:152 Resp: 141251
Ion Ratio Lower Upper
152 100
150 159.2 127.8 191.6
115 58.2 49.8 74.8

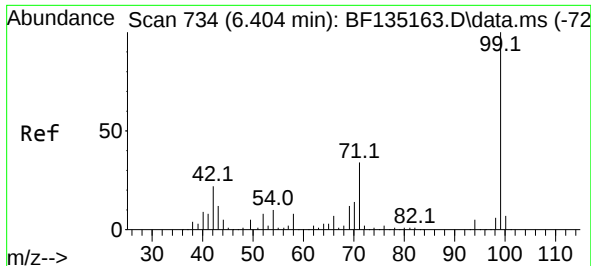


#5
2-Fluorophenol
Concen: 104.190 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.012 min
Lab File: BF135634.D
Acq: 06 Oct 2023 17:53



Tgt Ion:112 Resp: 904851
Ion Ratio Lower Upper
112 100
64 69.2 55.9 83.9
63 36.2 29.0 43.6

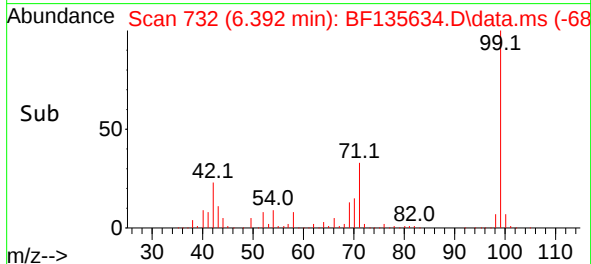
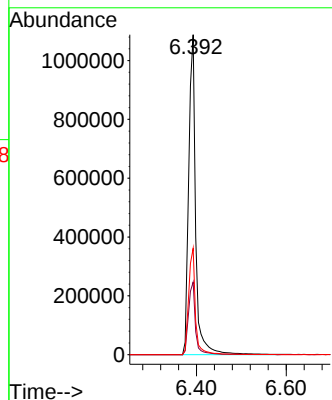
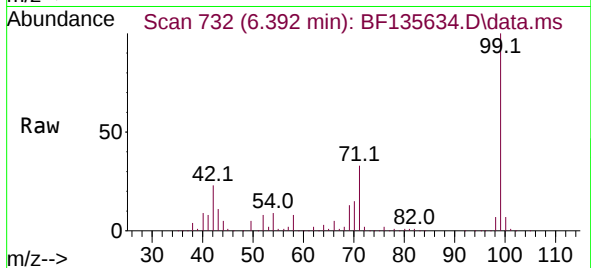




#7
Phenol-d6
Concen: 106.454 ng
RT: 6.392 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135634.D
Acq: 06 Oct 2023 17:53

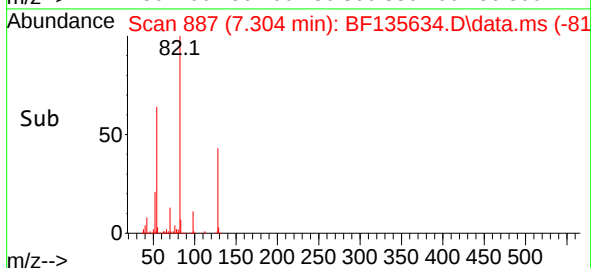
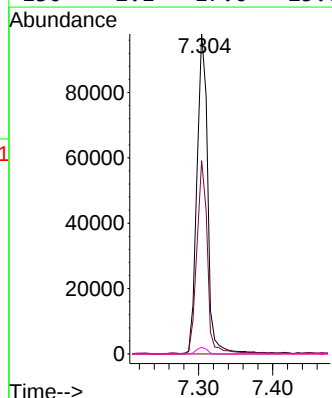
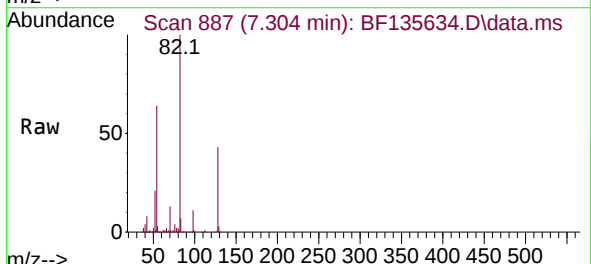
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1175572
Ion Ratio Lower Upper
99 100
42 22.7 17.9 26.9
71 33.3 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 14.491 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF135634.D
Acq: 06 Oct 2023 17:53

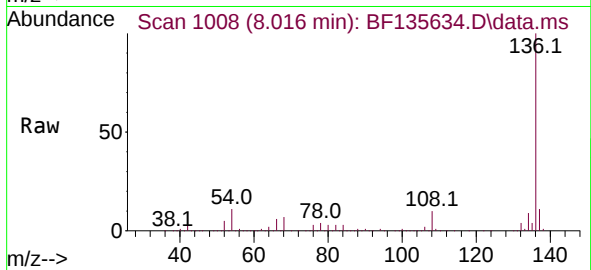
Tgt Ion: 70 Resp: 99122
Ion Ratio Lower Upper
70 100
42 60.4 55.4 83.0
101 0.0 7.7 11.5#
130 2.1 17.0 25.6#



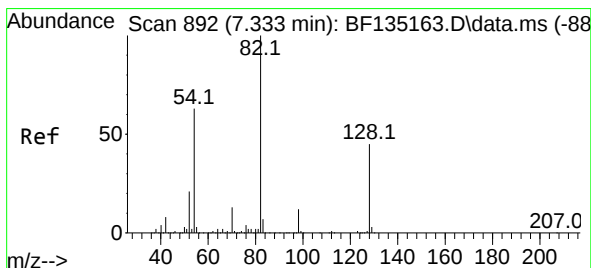
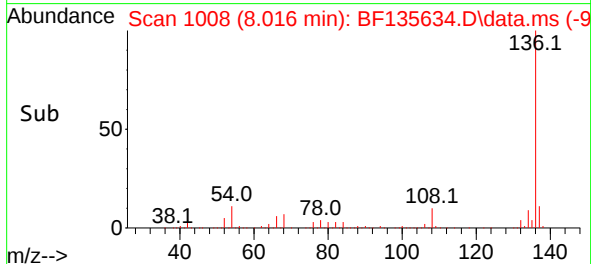
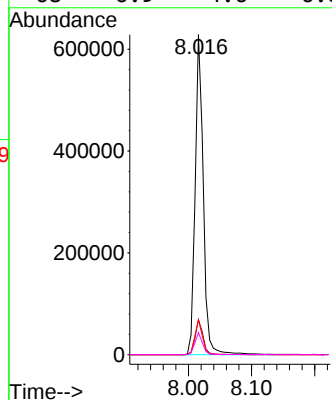


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135634.D
Acq: 06 Oct 2023 17:53

Instrument :
BNA_F
ClientSampleId :

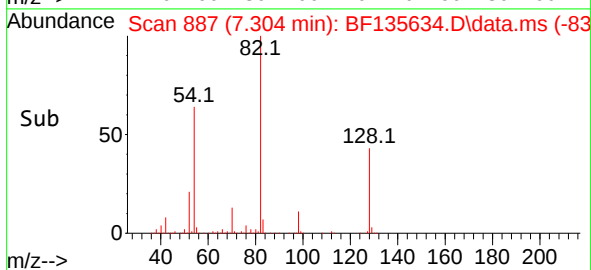
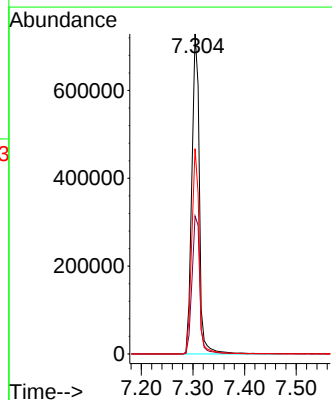
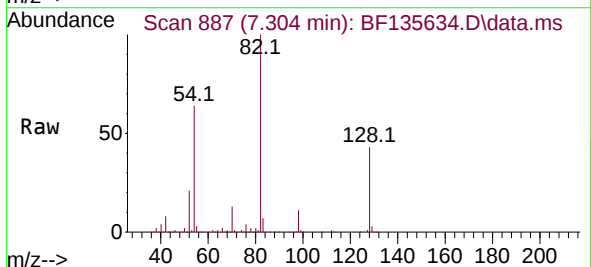


Tgt Ion:136 Resp: 563155
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.8 7.7 11.5
68 6.9 4.6 6.8#



#23
Nitrobenzene-d5
Concen: 71.351 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF135634.D
Acq: 06 Oct 2023 17:53

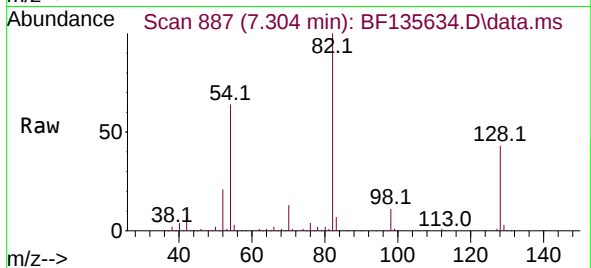
Tgt Ion: 82 Resp: 739596
Ion Ratio Lower Upper
82 100
128 43.1 35.8 53.6
54 64.2 50.6 76.0



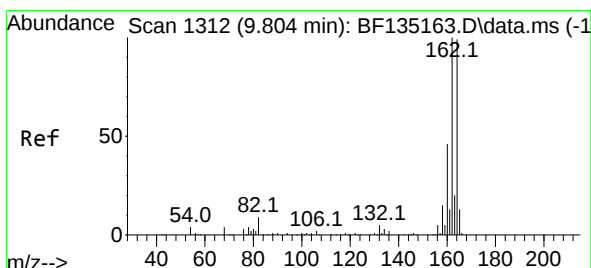
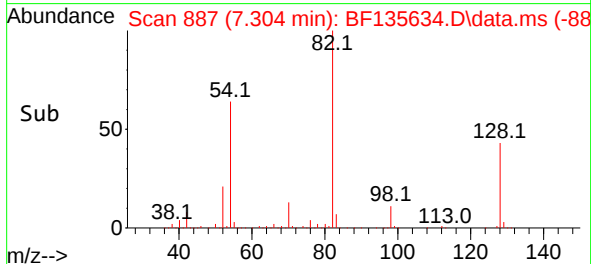
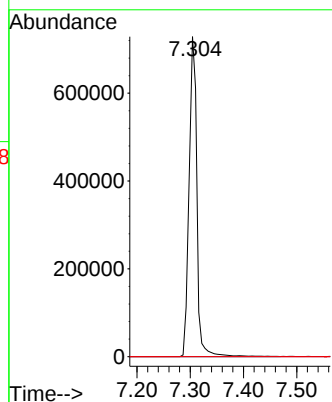


#25
Isophorone
Concen: 38.860 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF135634.D
Acq: 06 Oct 2023 17:53

Instrument :
BNA_F
ClientSampleId :

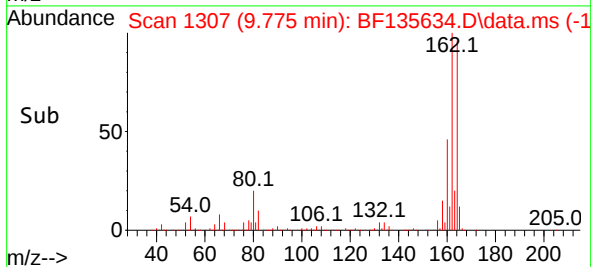
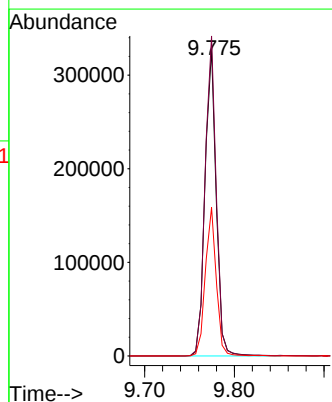
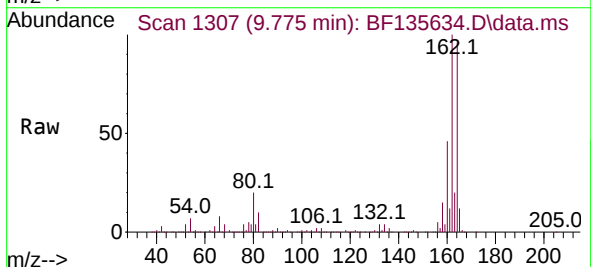


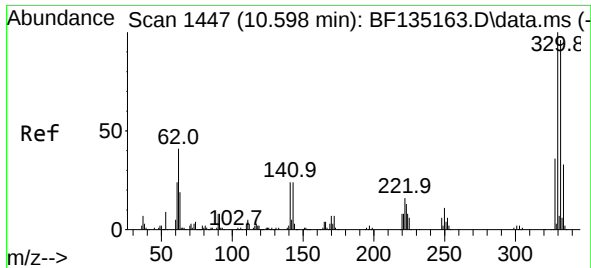
Tgt Ion: 82 Resp: 739655
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BF135634.D
Acq: 06 Oct 2023 17:53

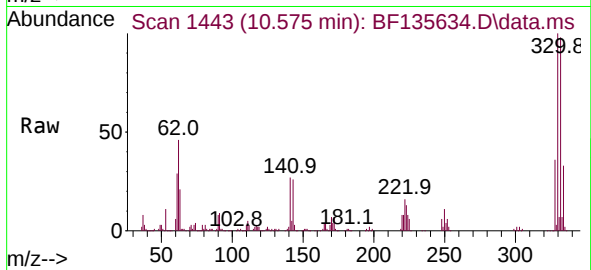
Tgt Ion:164 Resp: 284629
Ion Ratio Lower Upper
164 100
162 104.4 81.0 121.4
160 48.4 37.0 55.4



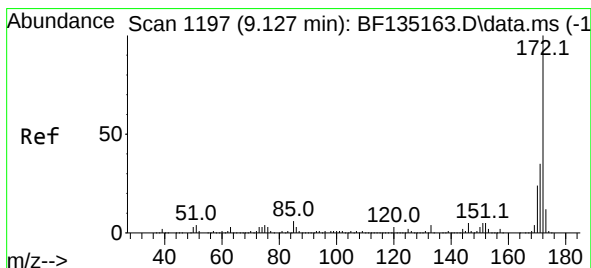
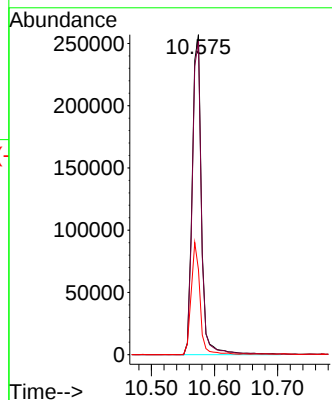
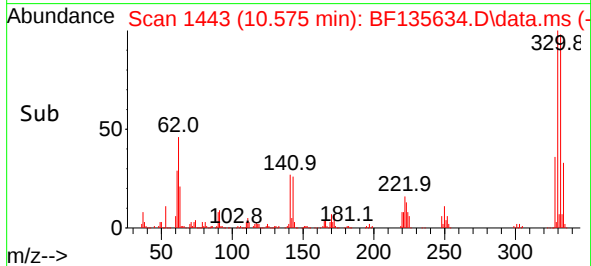


#42
2,4,6-Tribromophenol
Concen: 92.230 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF135634.D
Acq: 06 Oct 2023 17:53

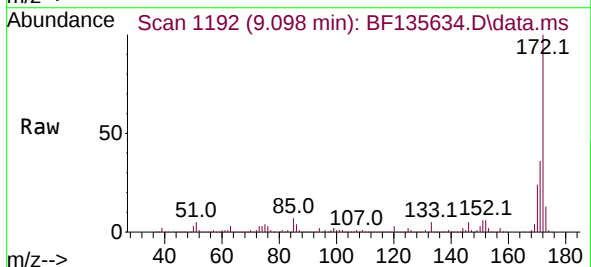
Instrument :
BNA_F
ClientSampleId :



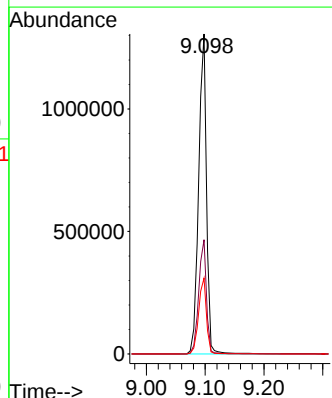
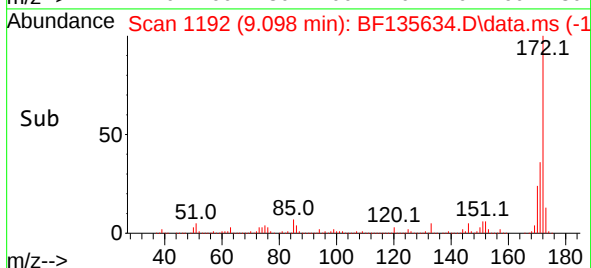
Tgt Ion:330 Resp: 260876
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 33.7 25.8 38.8

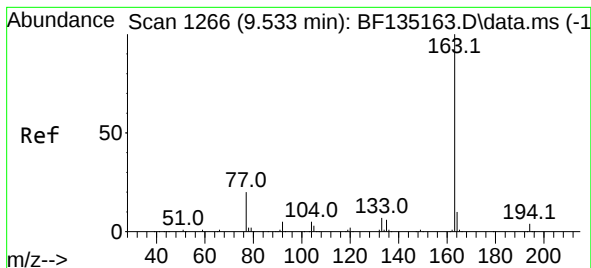


#45
2-Fluorobiphenyl
Concen: 64.366 ng
RT: 9.098 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF135634.D
Acq: 06 Oct 2023 17:53



Tgt Ion:172 Resp: 1214303
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 23.7 19.0 28.4





#50

Dimethylphthalate

Concen: 2.956 ng

RT: 9.775 min Scan# 1

Delta R.T. 0.271 min

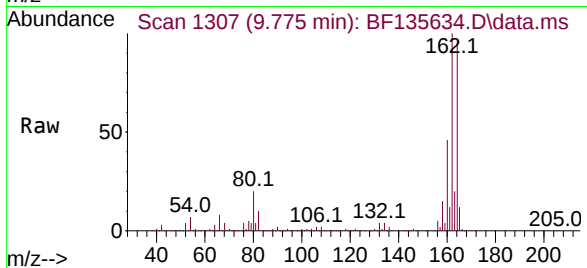
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Acq: 06 Oct 2023 17:53

Instrument :

BNA_F

ClientSampleId :



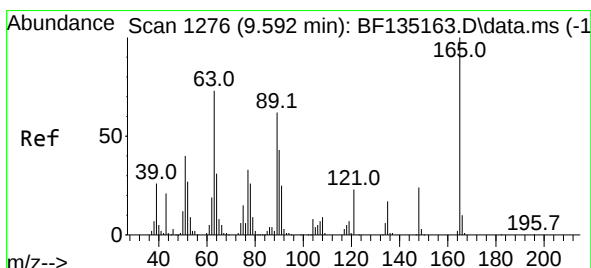
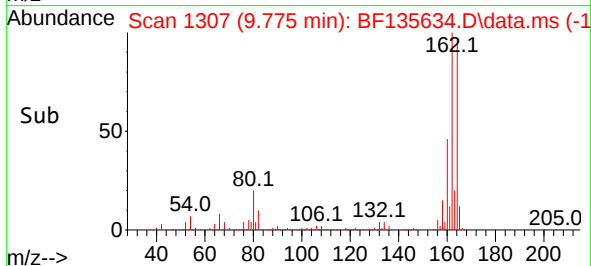
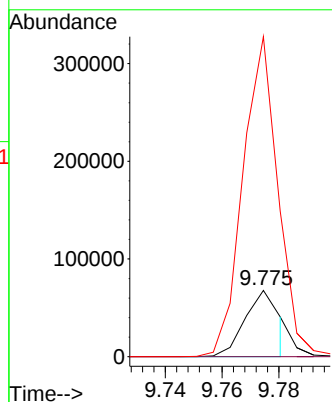
Tgt Ion:163 Resp: 56888

Ion Ratio Lower Upper

163 100

194 0.0 3.1 4.7#

164 482.8 8.1 12.1#



#51

2,6-Dinitrotoluene

Concen: 8.558 ng

RT: 9.775 min Scan# 1307

Delta R.T. 0.200 min

Lab File: BF135634.D

Acq: 06 Oct 2023 17:53

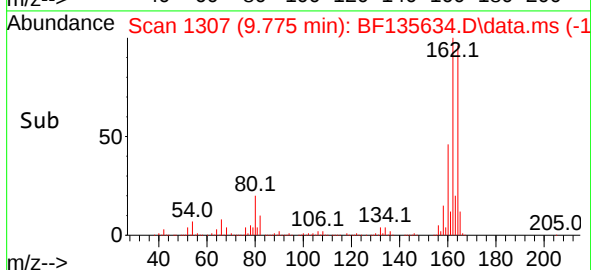
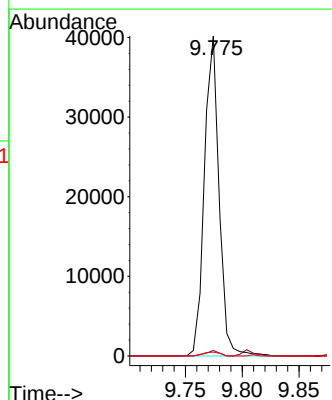
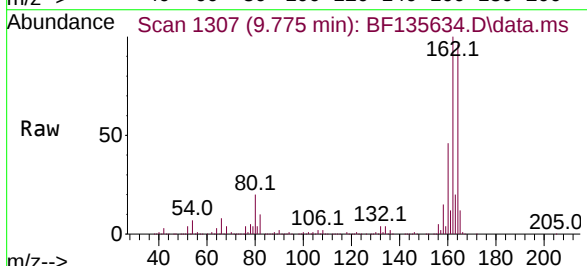
Tgt Ion:165 Resp: 36079

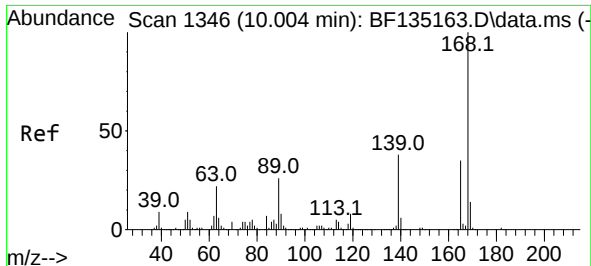
Ion Ratio Lower Upper

165 100

63 1.7 59.4 89.2#

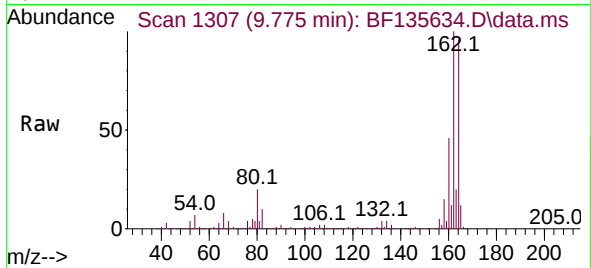
89 1.2 49.8 74.8#



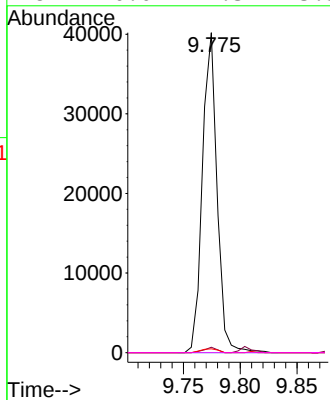
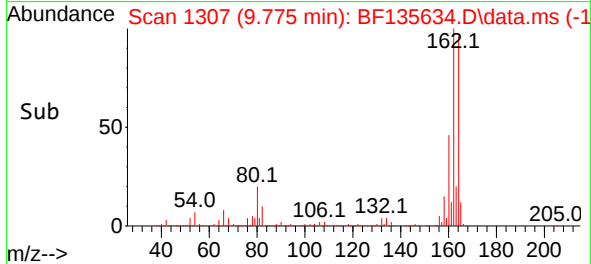


#57
2,4-Dinitrotoluene
Concen: 6.836 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135634.D
Acq: 06 Oct 2023 17:53

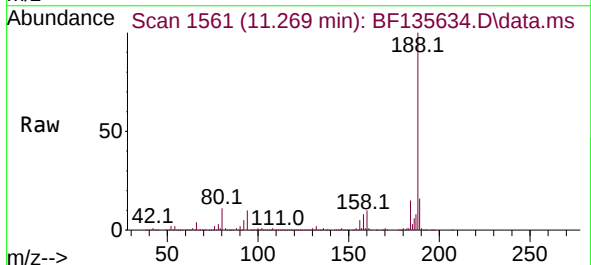
Instrument :
BNA_F
ClientSampleId :



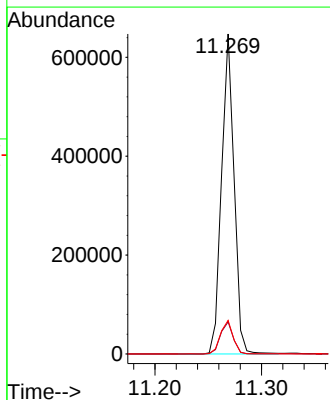
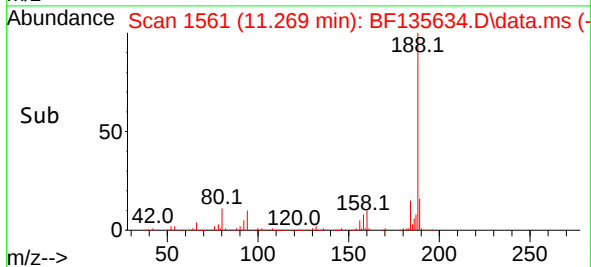
Tgt Ion:165 Resp: 36079
Ion Ratio Lower Upper
165 100
63 1.7 50.1 75.1#
89 1.2 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BF135634.D
Acq: 06 Oct 2023 17:53



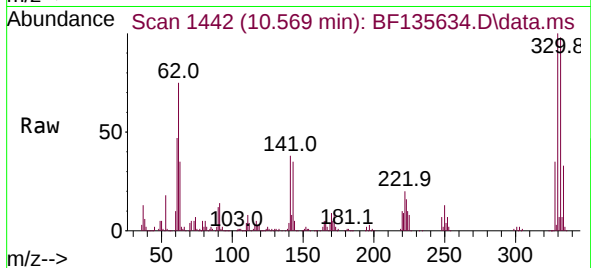
Tgt Ion:188 Resp: 525839
Ion Ratio Lower Upper
188 100
94 10.0 7.0 10.6
80 10.5 7.5 11.3



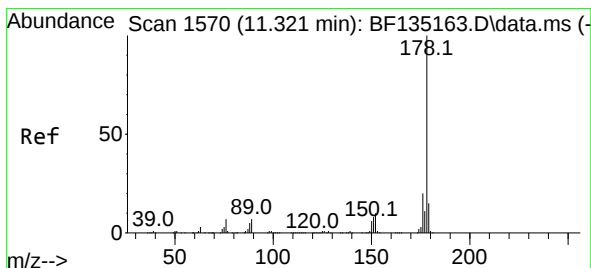
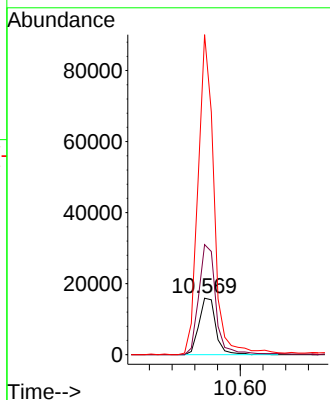
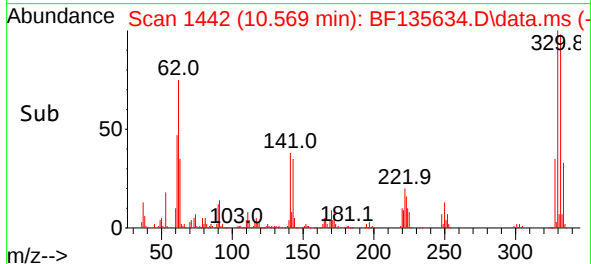


#67
4-Bromophenyl-phenylether
Concen: 3.164 ng
RT: 10.569 min Scan# 1488
Delta R.T. -0.241 min
Lab File: BF135634.D
Acq: 06 Oct 2023 17:53

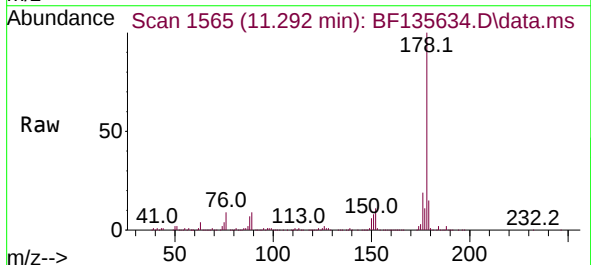
Instrument :
BNA_F
ClientSampleId :



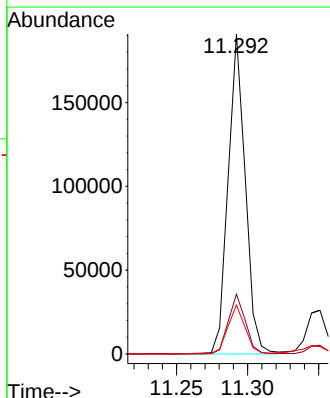
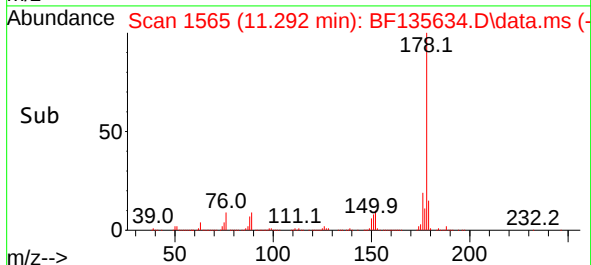
Tgt Ion:248 Resp: 16547
Ion Ratio Lower Upper
248 100
250 194.7 78.6 117.8#
141 566.3 54.2 81.2#

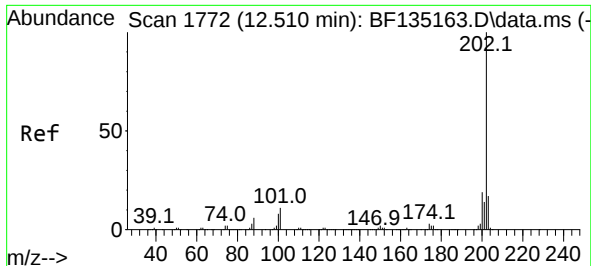


#71
Phenanthrene
Concen: 6.461 ng
RT: 11.292 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BF135634.D
Acq: 06 Oct 2023 17:53



Tgt Ion:178 Resp: 160684
Ion Ratio Lower Upper
178 100
176 18.7 15.6 23.4
179 15.3 12.0 18.0

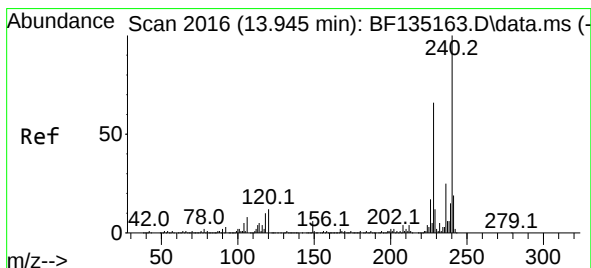
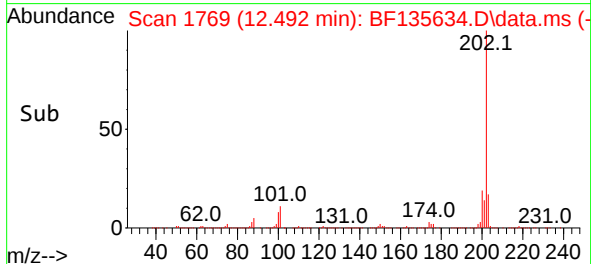
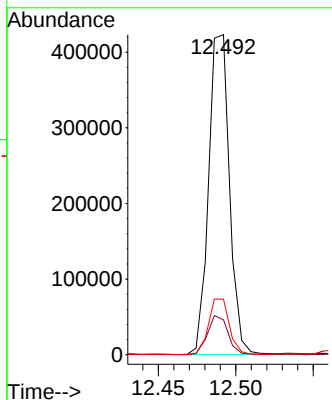
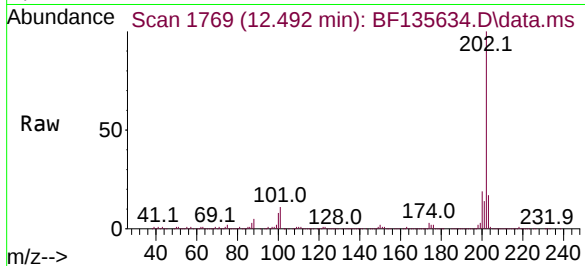




#75
Fluoranthene
Concen: 15.317 ng
RT: 12.492 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135634.D
Acq: 06 Oct 2023 17:53

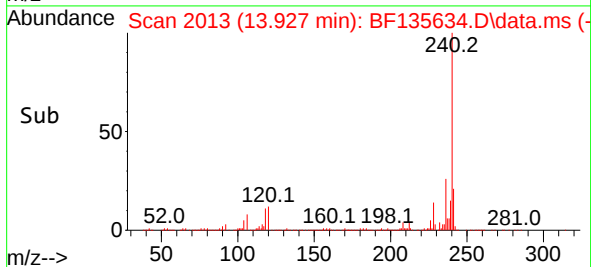
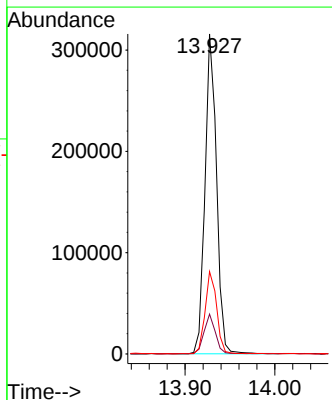
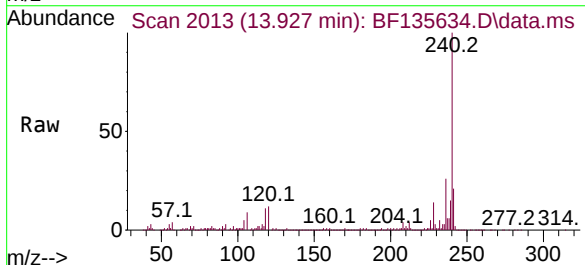
Instrument :
BNA_F
ClientSampleId :

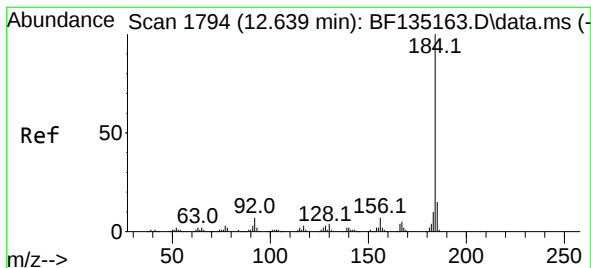
Tgt Ion:202 Resp: 396937
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.3
203 17.4 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF135634.D
Acq: 06 Oct 2023 17:53

Tgt Ion:240 Resp: 281819
Ion Ratio Lower Upper
240 100
120 12.4 9.4 14.2
236 25.7 19.8 29.8





#77

Benzidine

Concen: 2.594 ng

RT: 12.863 min Scan# 11

Delta R.T. 0.247 min

Lab File: BF135634.D

Acq: 06 Oct 2023 17:53

Instrument :

BNA_F

ClientSampleId :

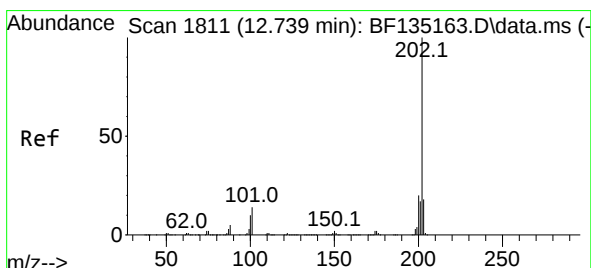
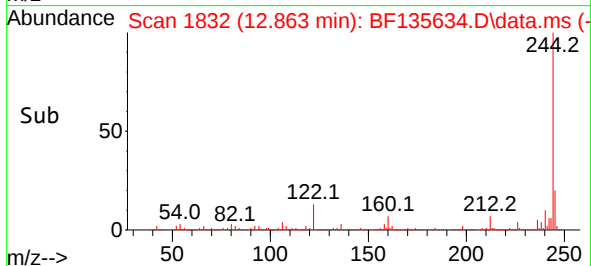
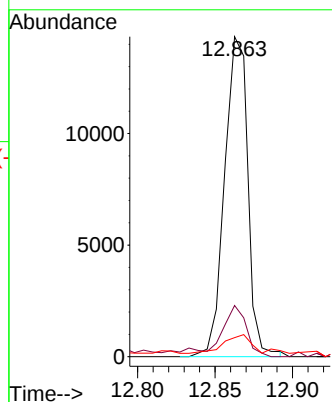
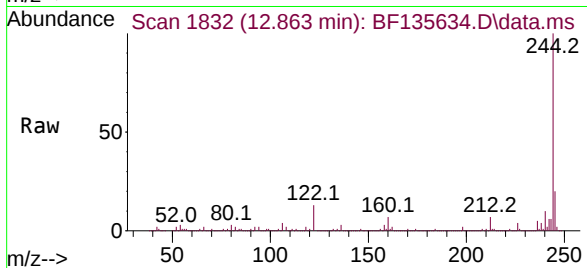
Tgt Ion:184 Resp: 14975

Ion Ratio Lower Upper

184 100

185 16.0 11.7 17.5

183 6.0 8.2 12.4#



#78

Pyrene

Concen: 11.981 ng

RT: 12.721 min Scan# 1808

Delta R.T. 0.006 min

Lab File: BF135634.D

Acq: 06 Oct 2023 17:53

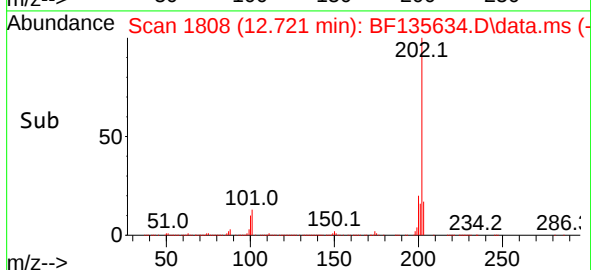
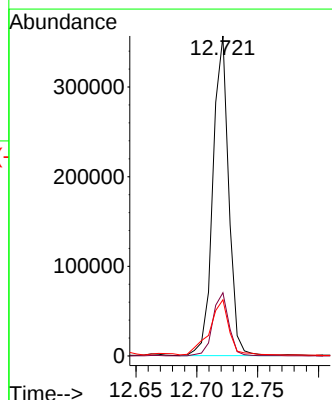
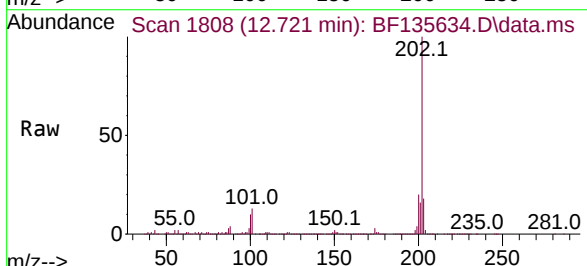
Tgt Ion:202 Resp: 321471

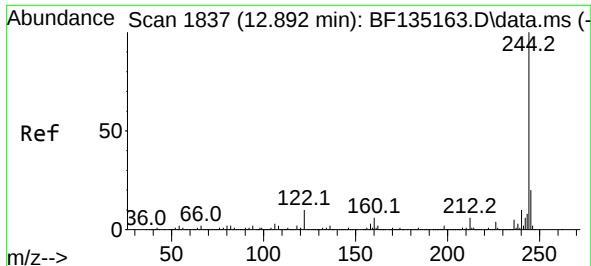
Ion Ratio Lower Upper

202 100

200 19.8 16.2 24.2

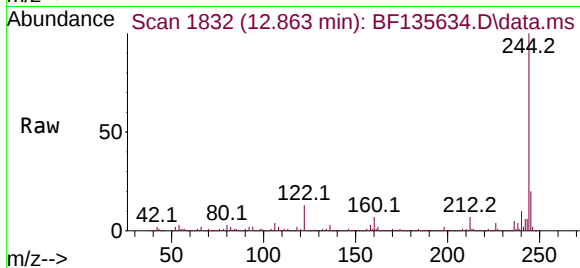
203 17.6 14.2 21.4



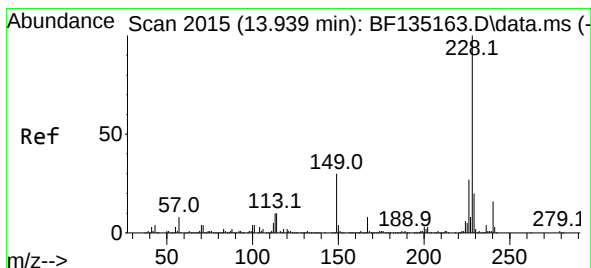
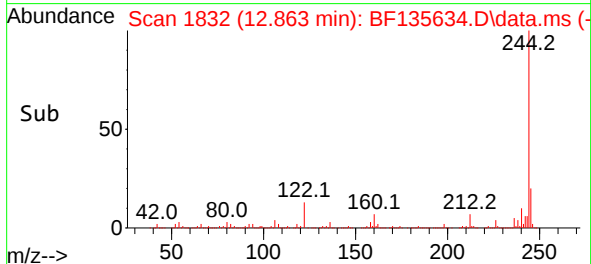
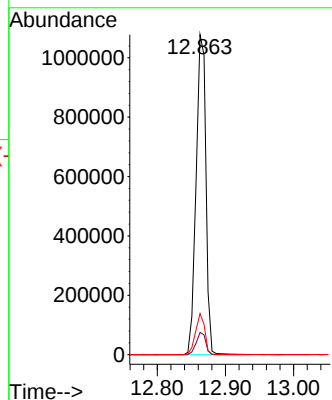


#79
 Terphenyl-d14
 Concen: 59.157 ng
 RT: 12.863 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF135634.D
 Acq: 06 Oct 2023 17:53

Instrument :
 BNA_F
 ClientSampleId :

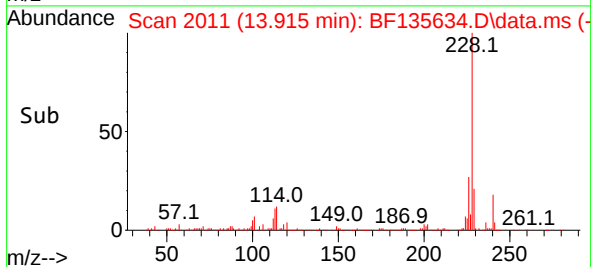
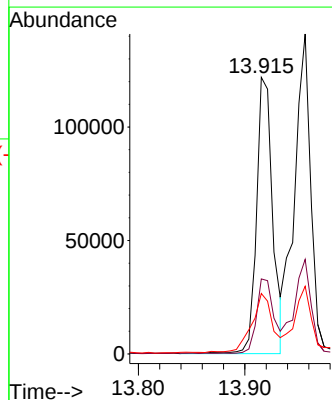
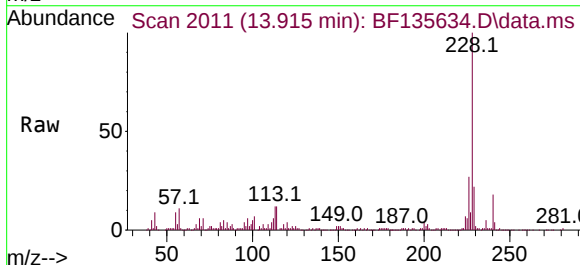


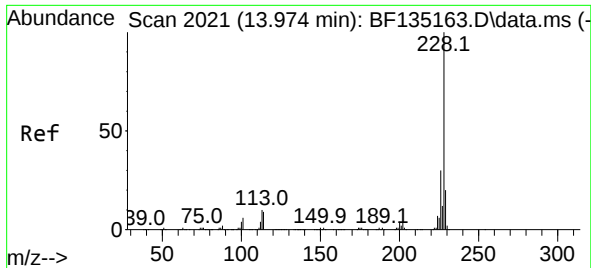
Tgt Ion:244 Resp: 1075447
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.1 7.7
 122 12.9 7.9 11.9#



#81
 Benzo(a)anthracene
 Concen: 7.039 ng
 RT: 13.915 min Scan# 2011
 Delta R.T. 0.000 min
 Lab File: BF135634.D
 Acq: 06 Oct 2023 17:53

Tgt Ion:228 Resp: 128089
 Ion Ratio Lower Upper
 228 100
 226 27.1 21.7 32.5
 229 21.9 15.8 23.8

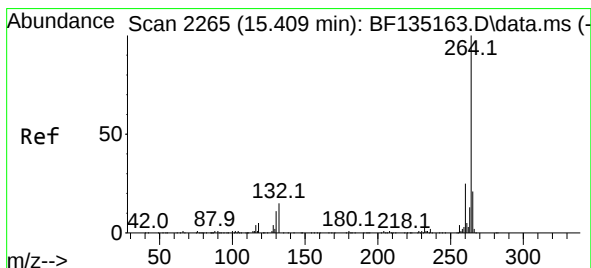
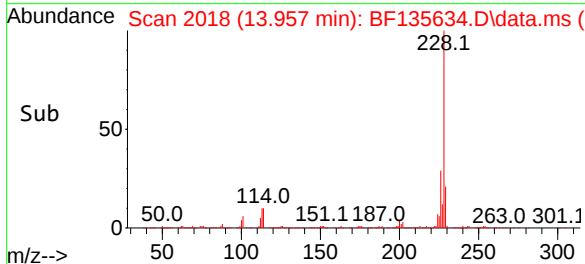
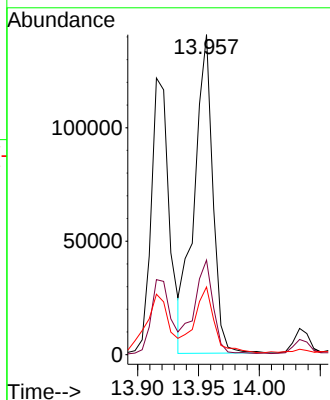
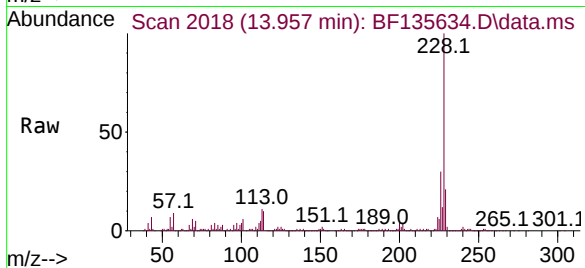




#83
Chrysene
Concen: 8.239 ng
RT: 13.957 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF135634.D
Acq: 06 Oct 2023 17:53

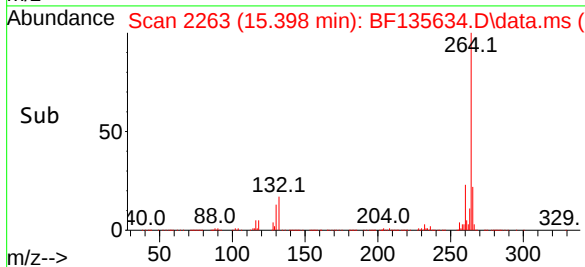
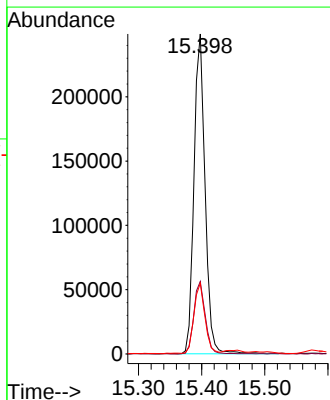
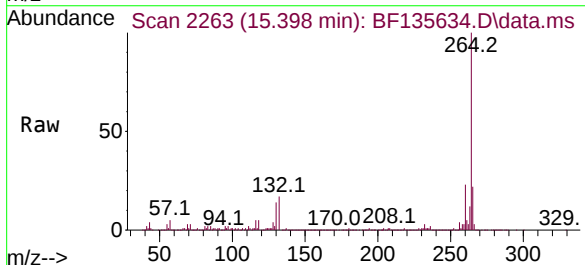
Instrument :
BNA_F
ClientSampleId :

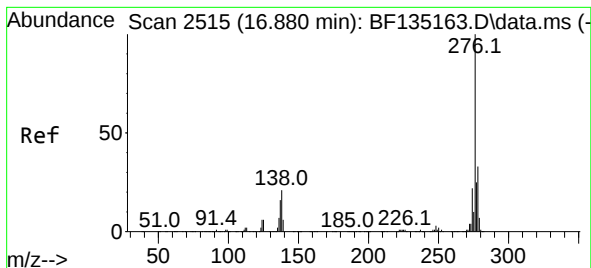
Tgt Ion:228 Resp: 149065
Ion Ratio Lower Upper
228 100
226 29.6 24.3 36.5
229 21.1 16.0 24.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.398 min Scan# 2263
Delta R.T. 0.012 min
Lab File: BF135634.D
Acq: 06 Oct 2023 17:53

Tgt Ion:264 Resp: 302586
Ion Ratio Lower Upper
264 100
260 22.7 19.8 29.6
265 22.1 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.364 ng

RT: 16.886 min Scan# 2191

Delta R.T. 0.018 min

Lab File: BF135634.D

Acq: 06 Oct 2023 17:53

Instrument :

BNA_F

ClientSampleId :

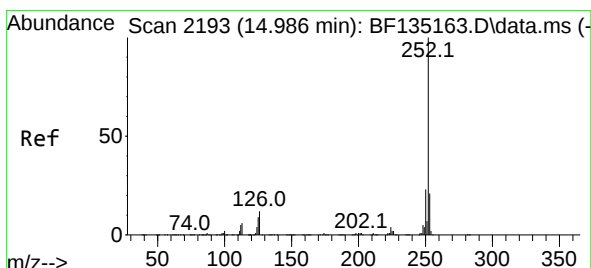
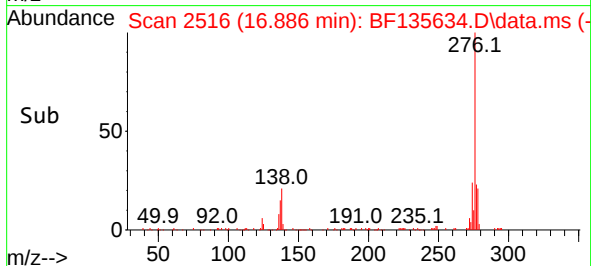
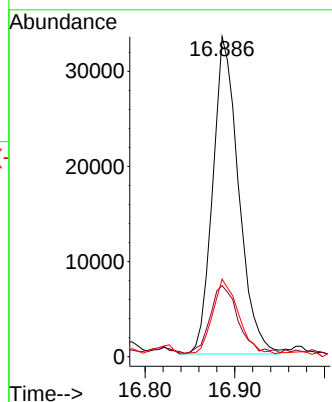
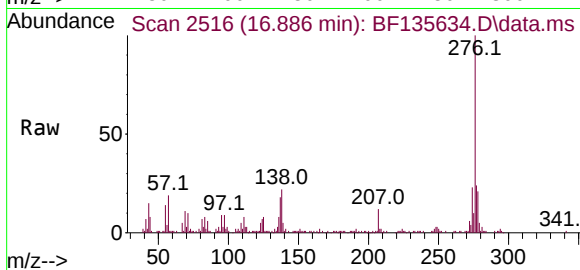
Tgt Ion:276 Resp: 66749

Ion Ratio Lower Upper

276 100

138 23.2 19.2 28.8

277 23.2 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 14.723 ng

RT: 14.974 min Scan# 2191

Delta R.T. 0.012 min

Lab File: BF135634.D

Acq: 06 Oct 2023 17:53

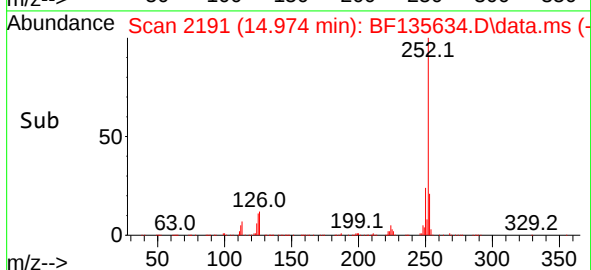
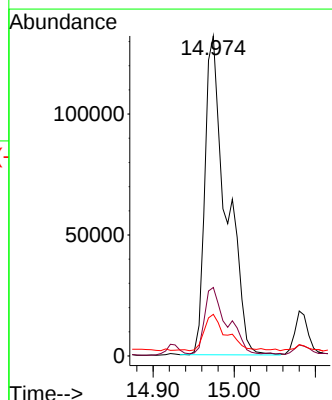
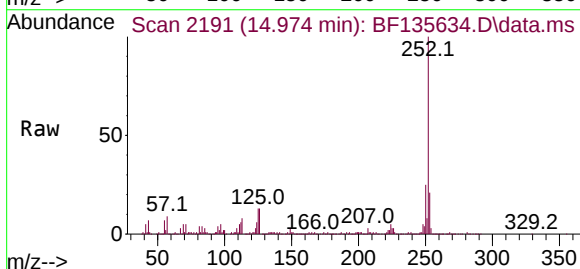
Tgt Ion:252 Resp: 241160

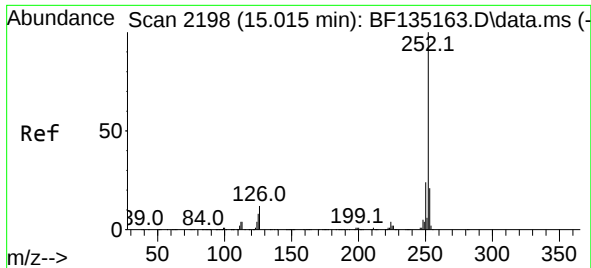
Ion Ratio Lower Upper

252 100

253 21.4 17.2 25.8

125 13.0 7.1 10.7#

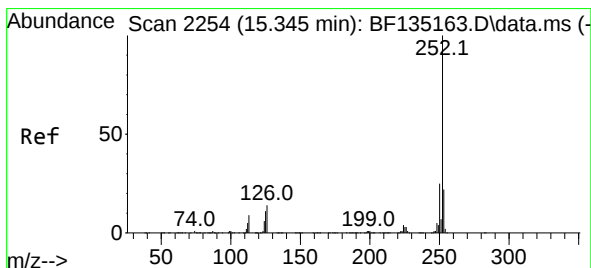
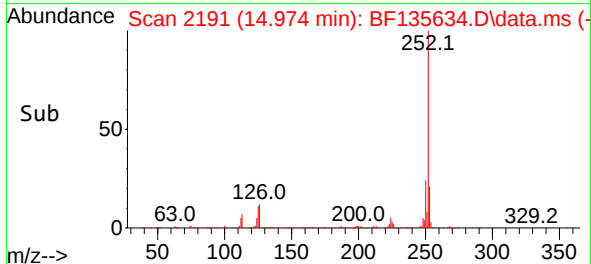
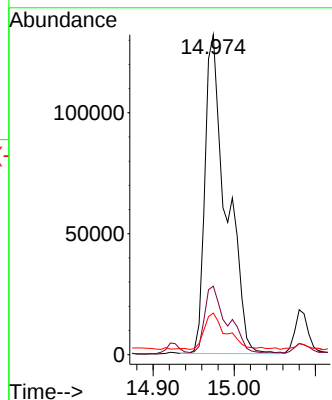
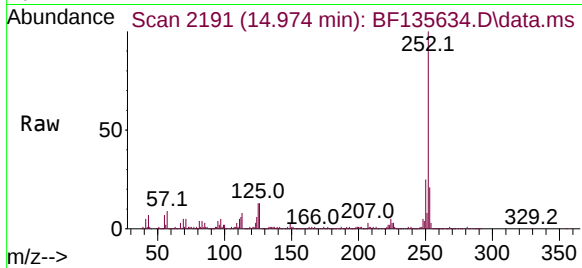




#89
Benzo(k)fluoranthene
Concen: 14.904 ng
RT: 14.974 min Scan# 2198
Delta R.T. -0.018 min
Lab File: BF135634.D
Acq: 06 Oct 2023 17:53

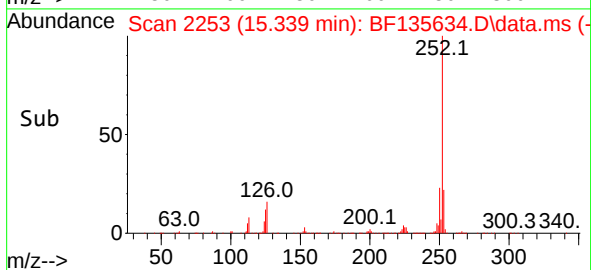
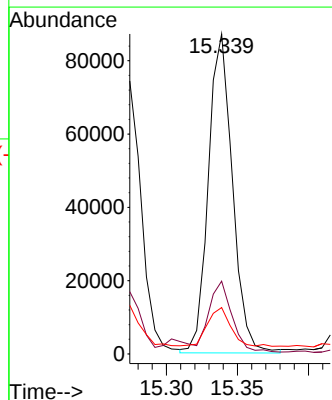
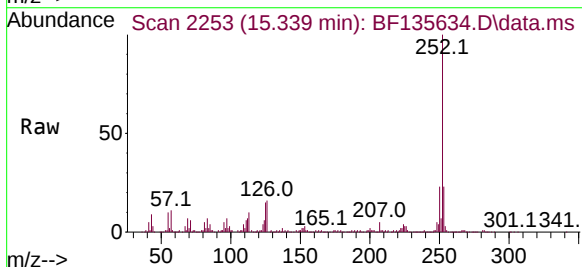
Instrument :
BNA_F
ClientSampleId :

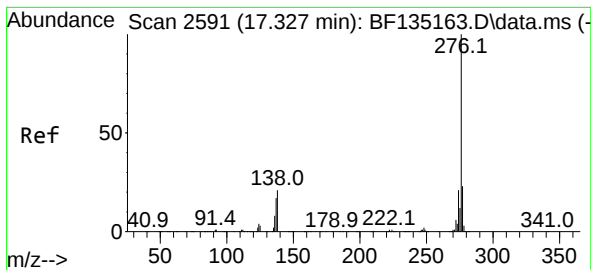
Tgt Ion:252 Resp: 241160
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.0
125 13.0 7.2 10.8#



#90
Benzo(a)pyrene
Concen: 6.583 ng
RT: 15.339 min Scan# 2253
Delta R.T. 0.012 min
Lab File: BF135634.D
Acq: 06 Oct 2023 17:53

Tgt Ion:252 Resp: 102830
Ion Ratio Lower Upper
252 100
253 22.8 17.5 26.3
125 14.5 9.2 13.8#





#92

Benzo(g,h,i)perylene

Concen: 3.650 ng

RT: 17.339 min Scan# 21

Delta R.T. 0.024 min

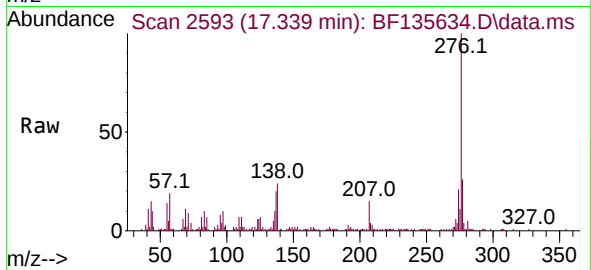
Lab File: BF135634.D

Acq: 06 Oct 2023 17:53

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:276 Resp: 61878

Ion Ratio Lower Upper

276 100

277 25.9 18.8 28.2

138 24.3 16.9 25.3

