

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010224\
 Data File : BF136883.D
 Acq On : 02 Jan 2024 21:28
 Operator : CG\JU
 Sample : 05899-23
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 03 02:04:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

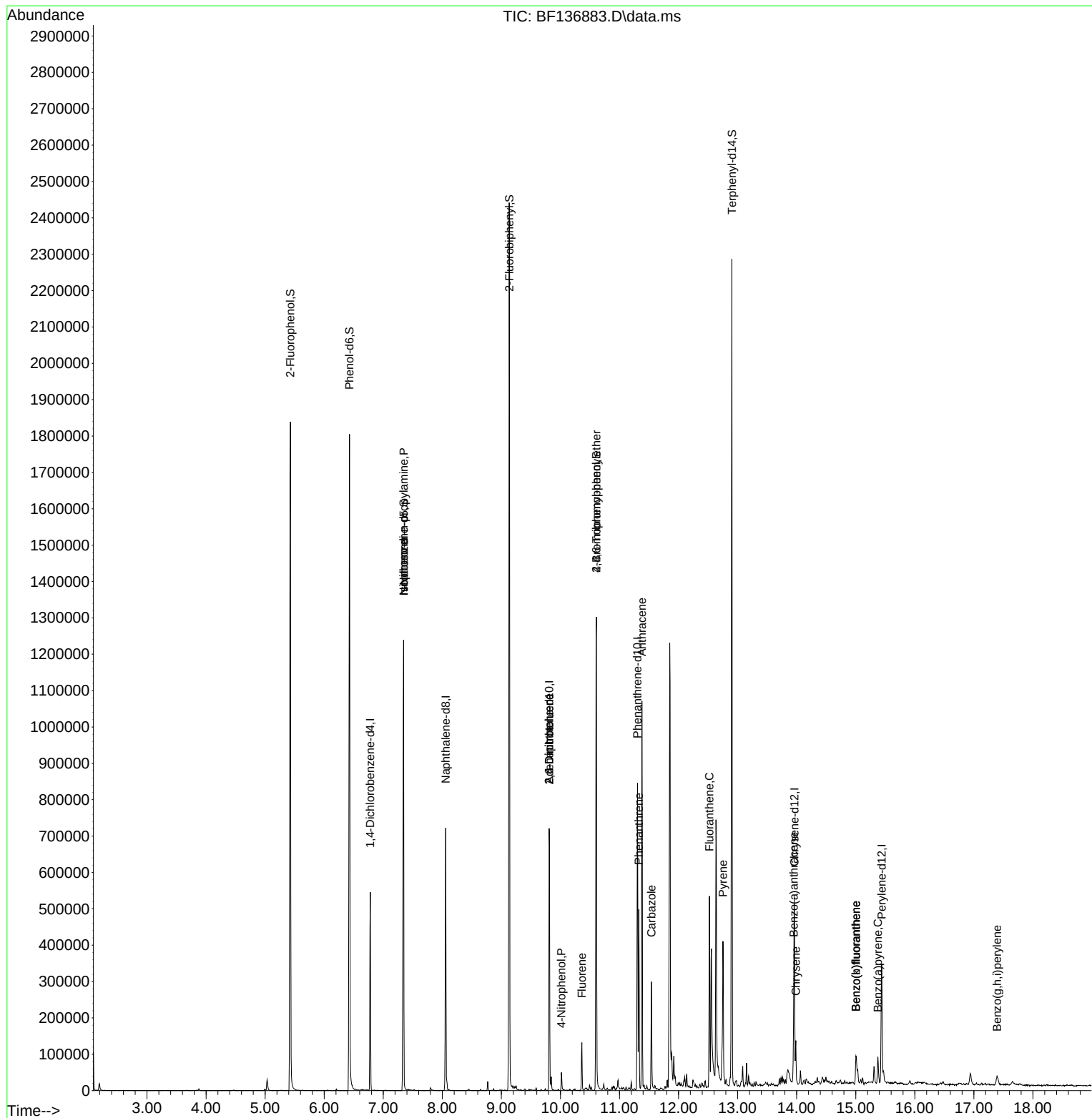
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	80546	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	302687	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	157463	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	295881	20.000	ng	-0.01
76) Chrysene-d12	13.962	240	158657	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	163867	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	508150	98.436	ng	0.00
7) Phenol-d6	6.428	99	647087	96.738	ng	-0.01
23) Nitrobenzene-d5	7.345	82	402684	68.076	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	181594	97.922	ng	-0.01
45) 2-Fluorobiphenyl	9.133	172	801816	68.488	ng	-0.02
79) Terphenyl-d14	12.904	244	782158	68.893	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	52430	12.930	ng	# 71
25) Isophorone	7.345	82	400264	37.188	ng	# 65
51) 2,6-Dinitrotoluene	9.810	165	20295	7.775	ng	# 30
56) 4-Nitrophenol	10.016	139	6021	3.226	ng	# 7
57) 2,4-Dinitrotoluene	9.810	165	20295	5.989	ng	# 21
58) Fluorene	10.363	166	37262	3.255	ng	100
67) 4-Bromophenyl-phenylether	10.610	248	10563	3.215	ng	# 1
71) Phenanthrene	11.327	178	165104	10.875	ng	99
72) Anthracene	11.380	178	399020	25.952	ng	99
73) Carbazole	11.539	167	119212	8.224	ng	99
75) Fluoranthene	12.521	202	202886	12.493	ng	98
78) Pyrene	12.751	202	157282	10.098	ng	100
81) Benzo(a)anthracene	13.951	228	48862	4.435	ng	97
83) Chrysene	13.986	228	45642	4.237	ng	97
88) Benzo(b)fluoranthene	15.004	252	62650	5.724	ng	99
89) Benzo(k)fluoranthene	15.004	252	62650	6.058	ng	99
90) Benzo(a)pyrene	15.374	252	35667	3.861	ng	97
92) Benzo(g,h,i)perylene	17.392	276	22584	2.272	ng	96

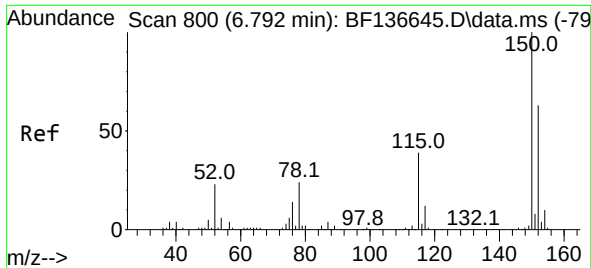
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010224\
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ALS Vial : 9 Sample Multiplier: 1

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BNA_F
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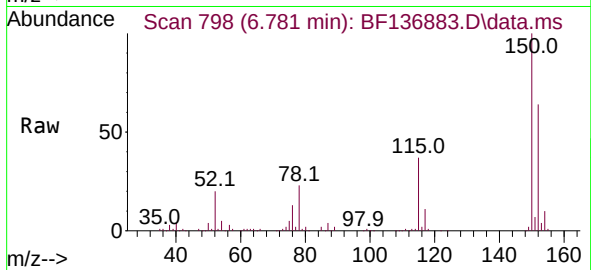
Quant Time: Jan 03 02:04:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration



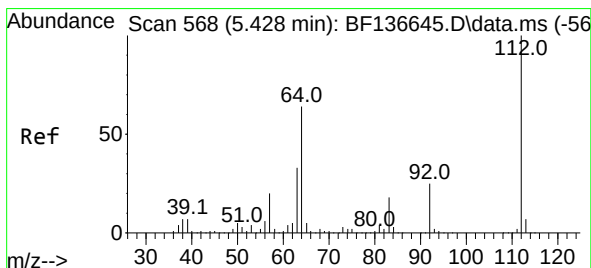
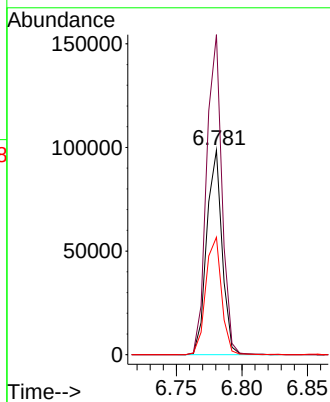
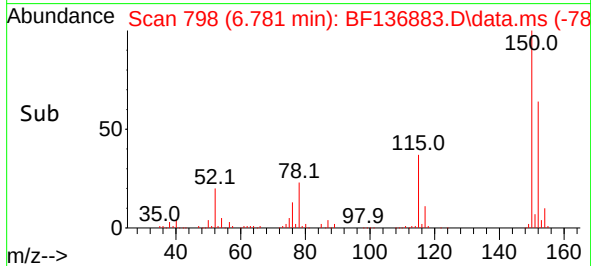


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF136883.D
 Acq: 02 Jan 2024 21:28

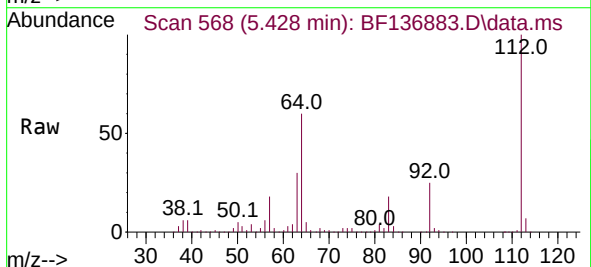
Instrument :
 BNA_F
 ClientSampleId :



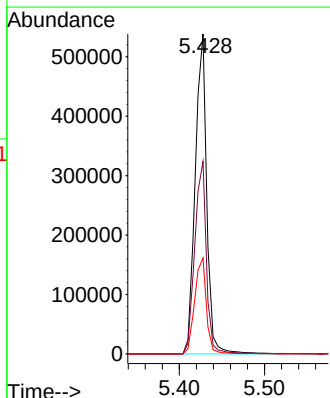
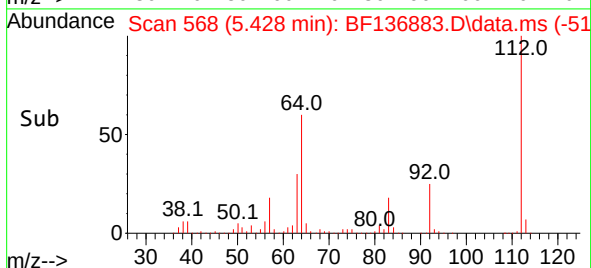
Tgt Ion:152 Resp: 80546
 Ion Ratio Lower Upper
 152 100
 150 156.4 127.0 190.6
 115 57.4 49.0 73.4

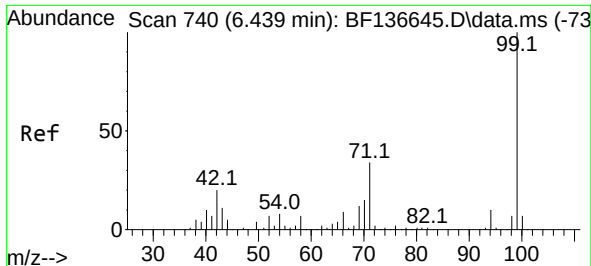


#5
 2-Fluorophenol
 Concen: 98.436 ng
 RT: 5.428 min Scan# 568
 Delta R.T. -0.000 min
 Lab File: BF136883.D
 Acq: 02 Jan 2024 21:28



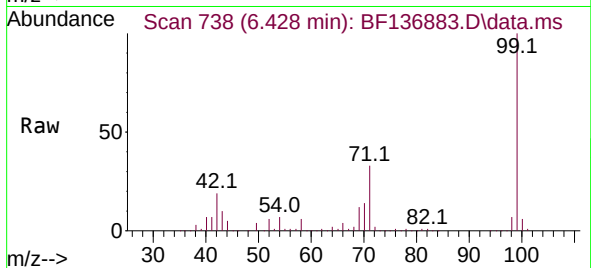
Tgt Ion:112 Resp: 508150
 Ion Ratio Lower Upper
 112 100
 64 60.2 51.1 76.7
 63 30.0 26.1 39.1



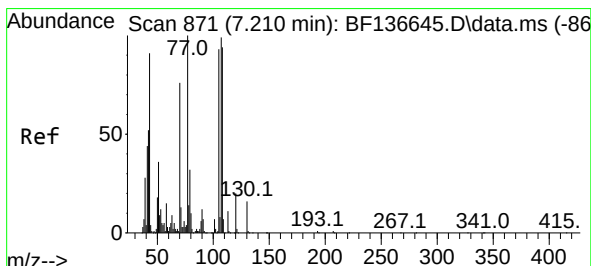
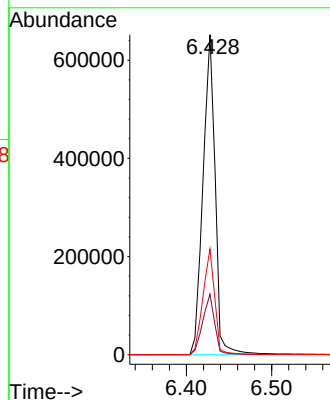
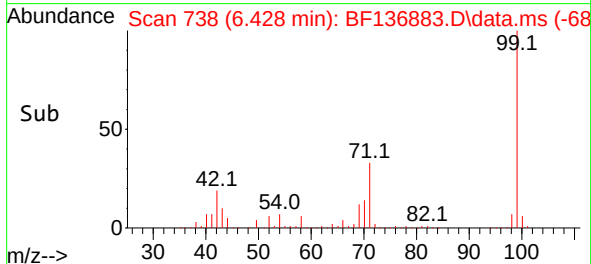


#7
Phenol-d6
Concen: 96.738 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136883.D
Acq: 02 Jan 2024 21:28

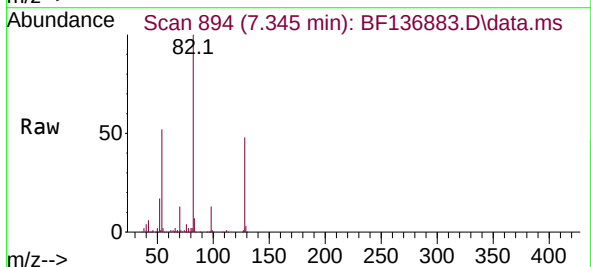
Instrument :
BNA_F
ClientSampleId :



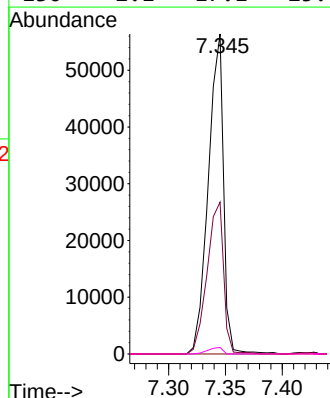
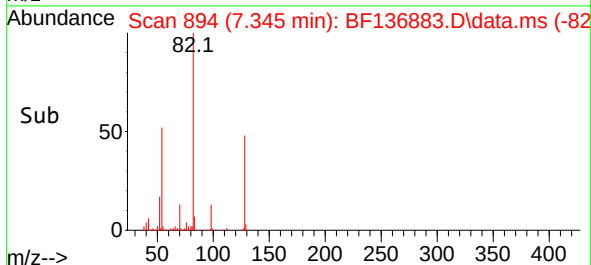
Tgt Ion: 99 Resp: 647087
Ion Ratio Lower Upper
99 100
42 18.9 16.1 24.1
71 33.1 27.4 41.2

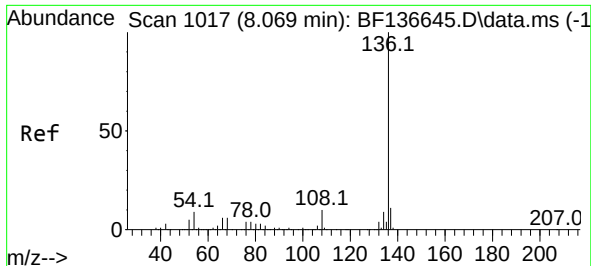


#19
n-Nitroso-di-n-propylamine
Concen: 12.930 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136883.D
Acq: 02 Jan 2024 21:28



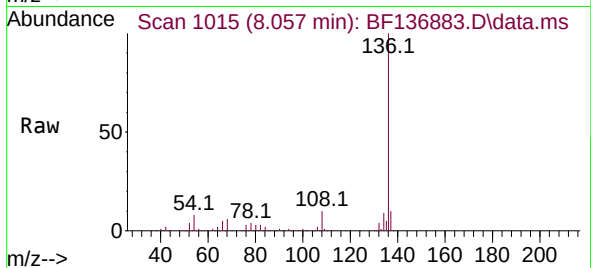
Tgt Ion: 70 Resp: 52430
Ion Ratio Lower Upper
70 100
42 47.5 54.2 81.4#
101 0.0 7.6 11.4#
130 2.1 17.1 25.7#



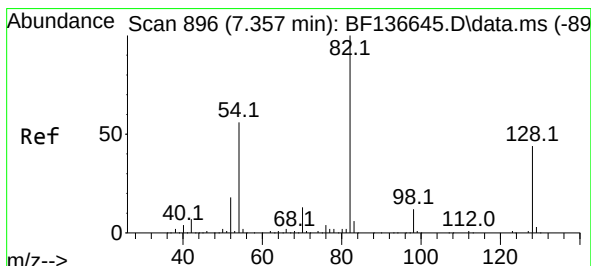
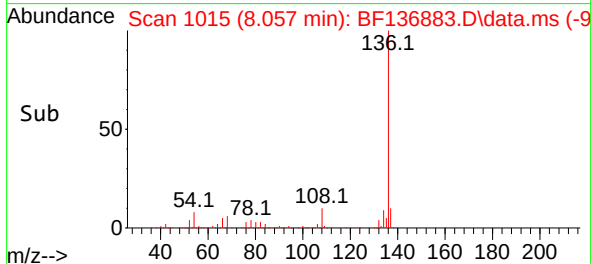
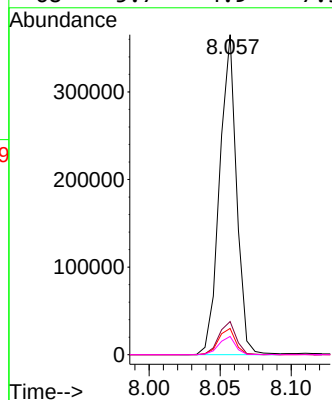


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136883.D
Acq: 02 Jan 2024 21:28

Instrument :
BNA_F
ClientSampleId :

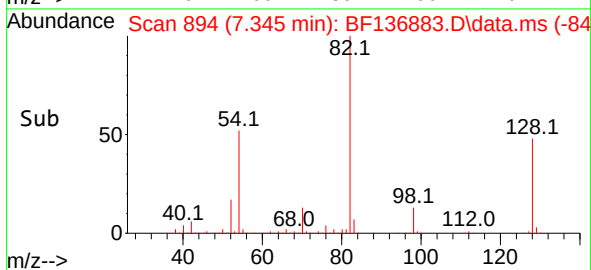
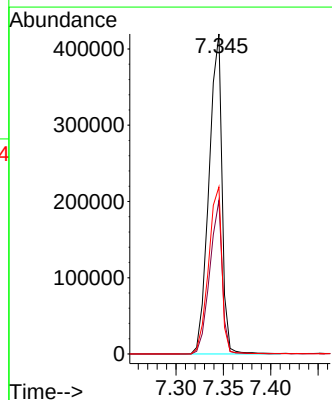
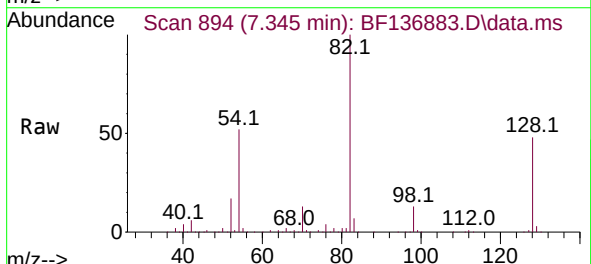


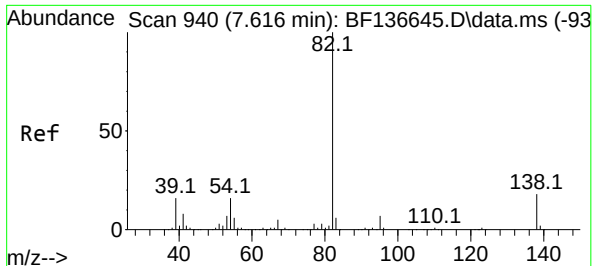
Tgt Ion:	136	Resp:	302687
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.0	13.4
54	8.2	7.2	10.8
68	5.7	4.9	7.3



#23
Nitrobenzene-d5
Concen: 68.076 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136883.D
Acq: 02 Jan 2024 21:28

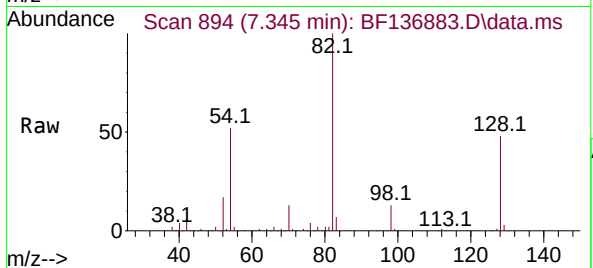
Tgt Ion:	82	Resp:	402684
Ion	Ratio	Lower	Upper
82	100		
128	48.0	35.3	52.9
54	52.2	44.5	66.7



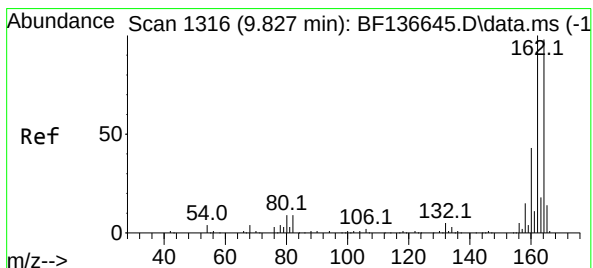
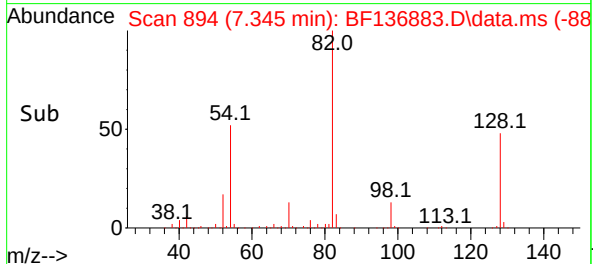
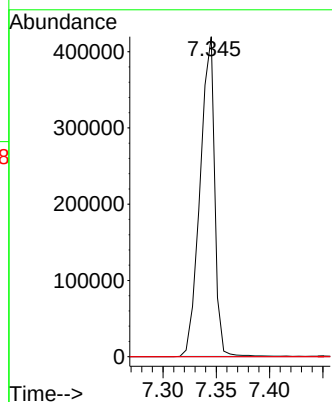


#25
Isophorone
Concen: 37.188 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.271 min
Lab File: BF136883.D
Acq: 02 Jan 2024 21:28

Instrument :
BNA_F
ClientSampleId :

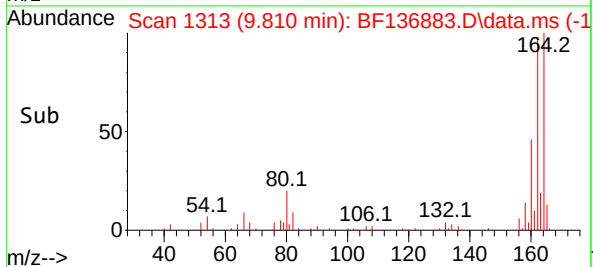
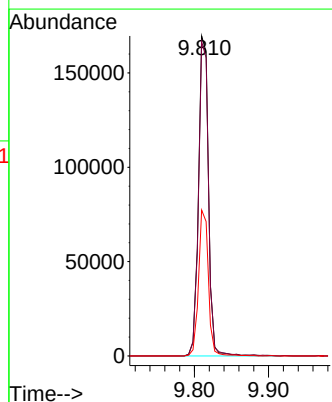
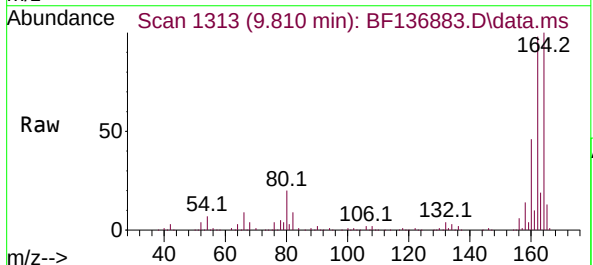


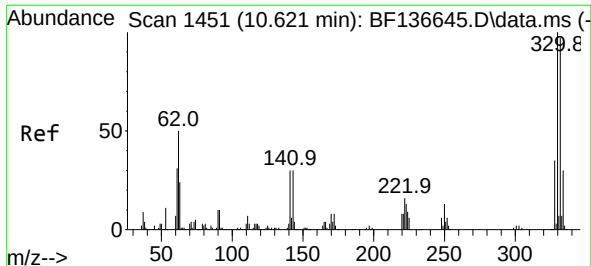
Tgt Ion: 82 Resp: 400264
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.018 min
Lab File: BF136883.D
Acq: 02 Jan 2024 21:28

Tgt Ion: 164 Resp: 157463
Ion Ratio Lower Upper
164 100
162 98.2 81.6 122.4
160 45.6 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 97.922 ng

RT: 10.610 min Scan# 1451

Delta R.T. -0.012 min

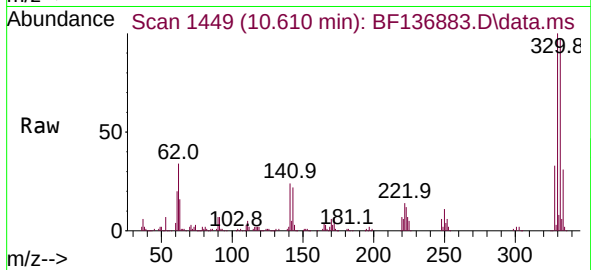
Lab File: BF136883.D

Acq: 02 Jan 2024 21:28

Instrument :

BNA_F

ClientSampleId :



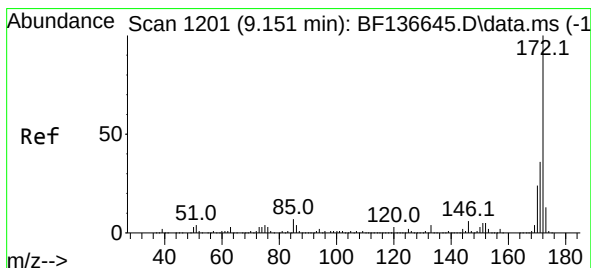
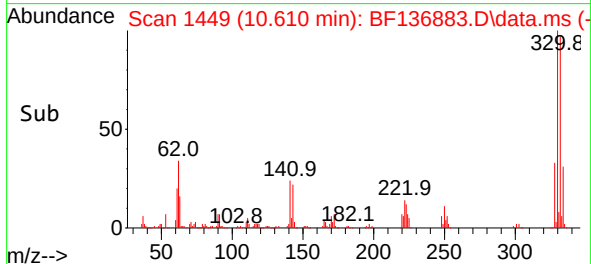
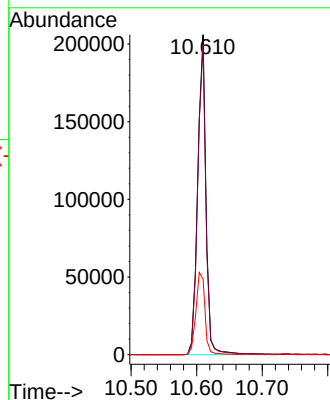
Tgt Ion:330 Resp: 181594

Ion Ratio Lower Upper

330 100

332 96.3 77.4 116.0

141 28.2 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 68.488 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.018 min

Lab File: BF136883.D

Acq: 02 Jan 2024 21:28

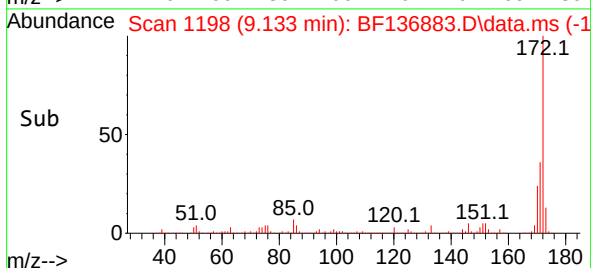
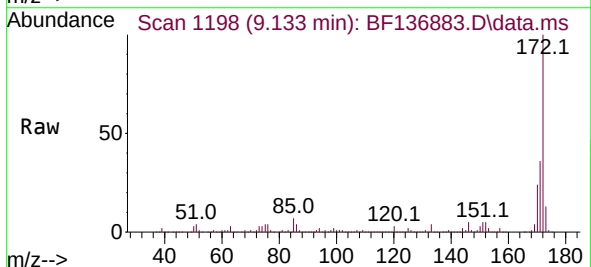
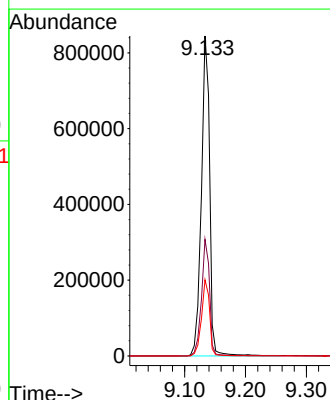
Tgt Ion:172 Resp: 801816

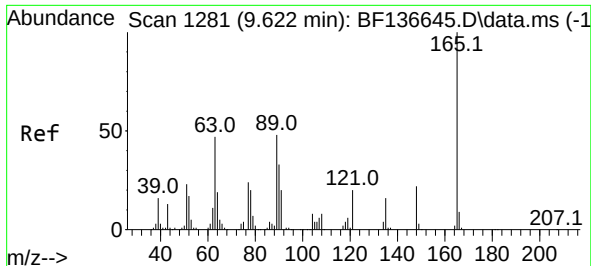
Ion Ratio Lower Upper

172 100

171 36.5 29.0 43.6

170 23.8 19.0 28.4





#51

2,6-Dinitrotoluene

Concen: 7.775 ng

RT: 9.810 min Scan# 1

Delta R.T. 0.188 min

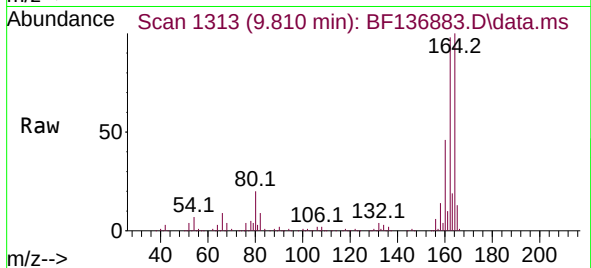
Lab File: BF136883.D

Acq: 02 Jan 2024 21:28

Instrument :

BNA_F

ClientSampleId :



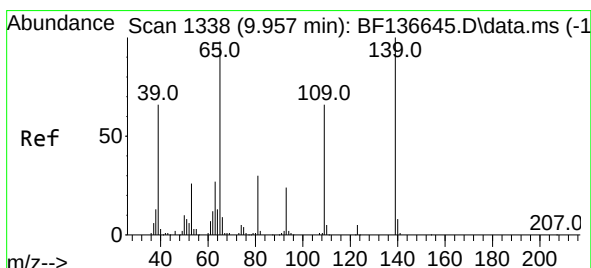
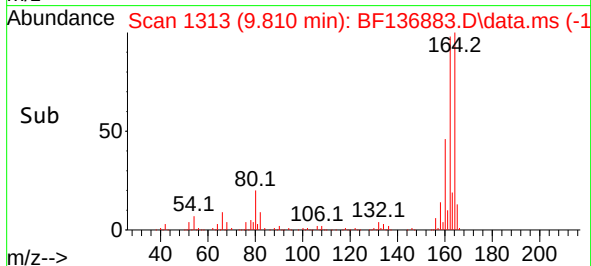
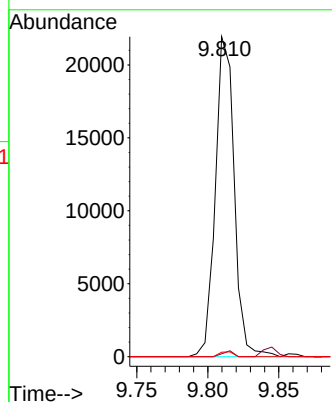
Tgt Ion:165 Resp: 20295

Ion Ratio Lower Upper

165 100

63 0.9 39.8 59.6#

89 1.4 38.8 58.2#



#56

4-Nitrophenol

Concen: 3.226 ng

RT: 10.016 min Scan# 1348

Delta R.T. 0.059 min

Lab File: BF136883.D

Acq: 02 Jan 2024 21:28

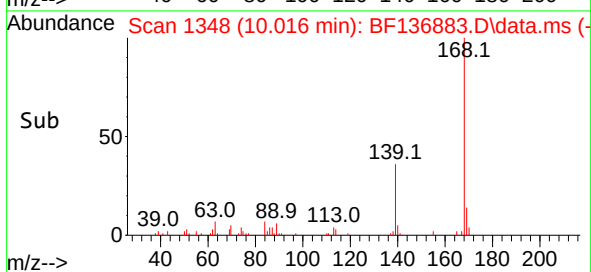
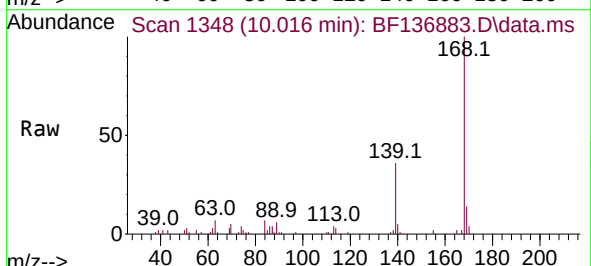
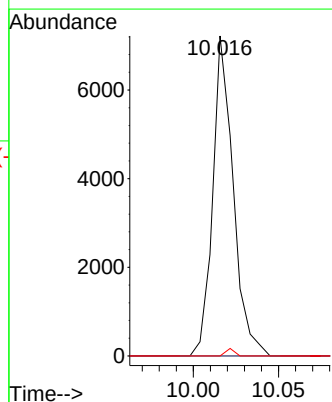
Tgt Ion:139 Resp: 6021

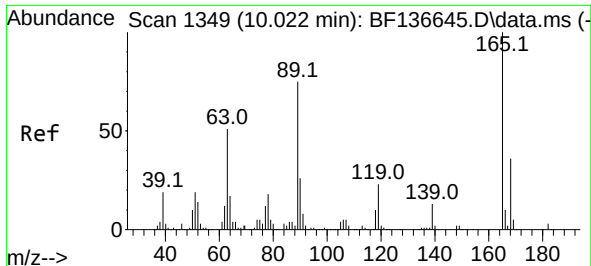
Ion Ratio Lower Upper

139 100

109 0.0 45.8 85.8#

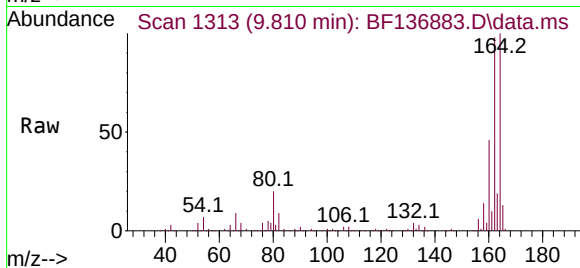
65 0.0 77.8 117.8#



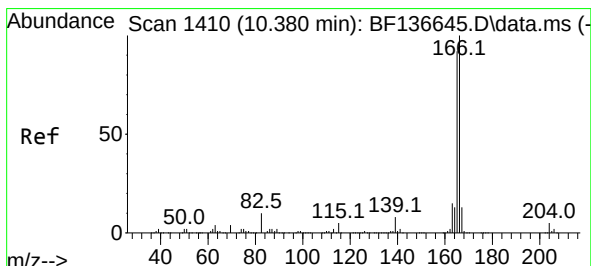
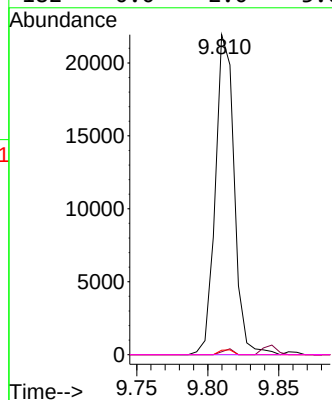
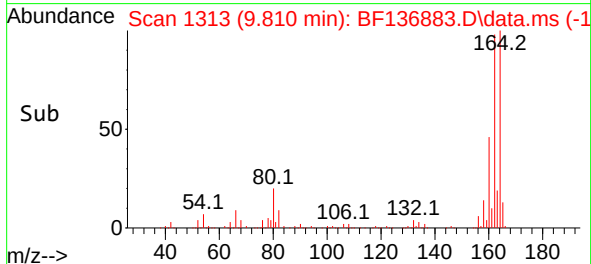


#57
2,4-Dinitrotoluene
Concen: 5.989 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF136883.D
Acq: 02 Jan 2024 21:28

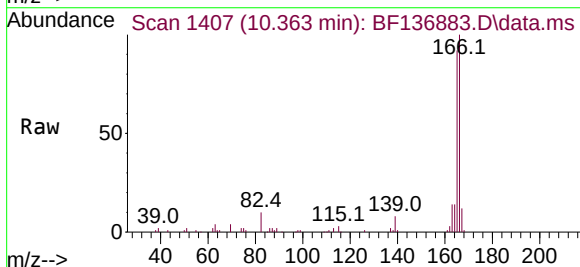
Instrument :
BNA_F
ClientSampleId :



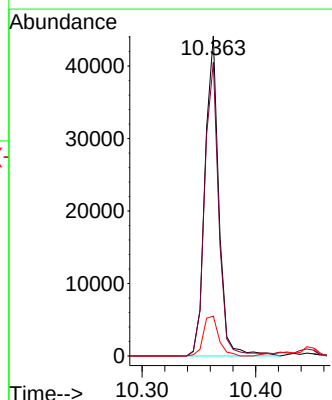
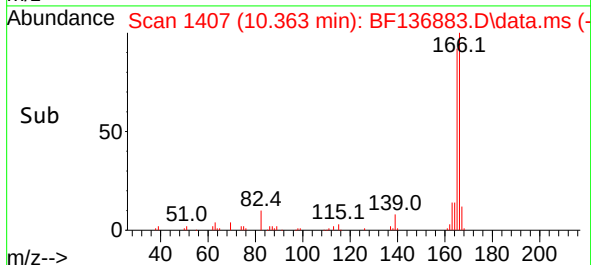
Tgt Ion:165 Resp: 20295
Ion Ratio Lower Upper
165 100
63 0.9 41.0 61.6#
89 1.4 59.9 89.9#
182 0.0 2.0 3.0#

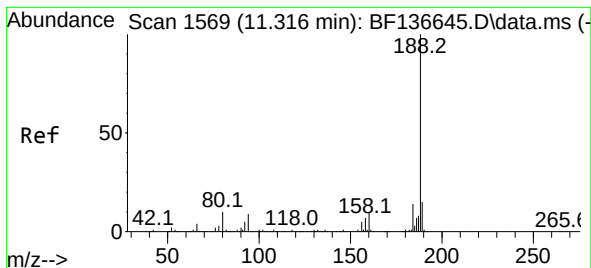


#58
Fluorene
Concen: 3.255 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.018 min
Lab File: BF136883.D
Acq: 02 Jan 2024 21:28



Tgt Ion:166 Resp: 37262
Ion Ratio Lower Upper
166 100
165 91.8 73.7 110.5
167 12.4 10.4 15.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136883.D

Acq: 02 Jan 2024 21:28

Instrument :

BNA_F

ClientSampleId :

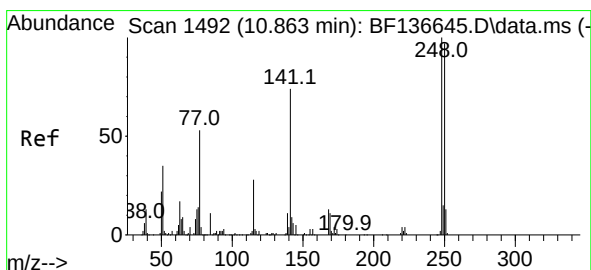
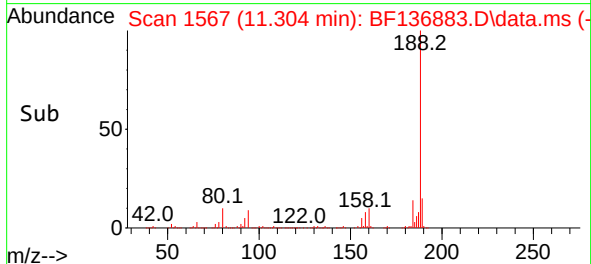
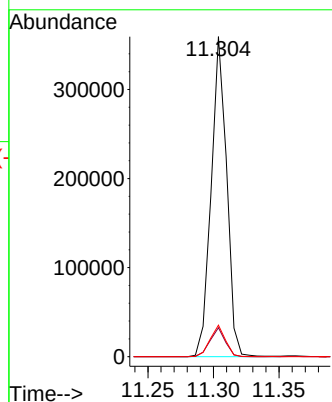
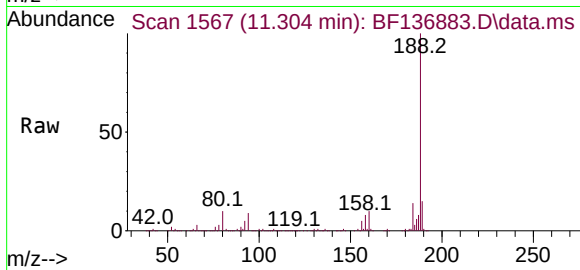
Tgt Ion:188 Resp: 295881

Ion Ratio Lower Upper

188 100

94 9.0 7.5 11.3

80 9.8 8.1 12.1



#67

4-Bromophenyl-phenylether

Concen: 3.215 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.253 min

Lab File: BF136883.D

Acq: 02 Jan 2024 21:28

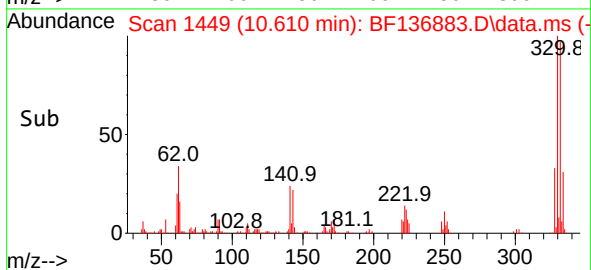
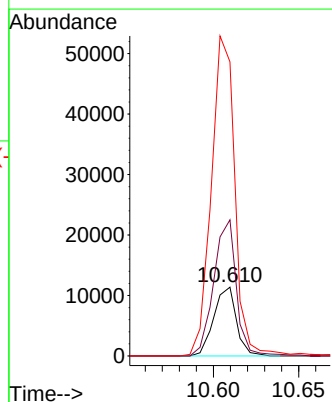
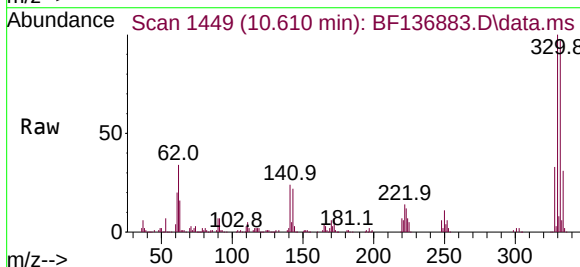
Tgt Ion:248 Resp: 10563

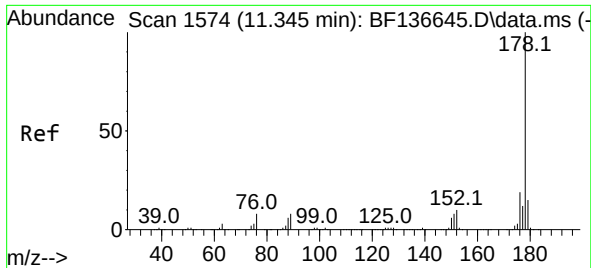
Ion Ratio Lower Upper

248 100

250 197.9 77.8 116.6#

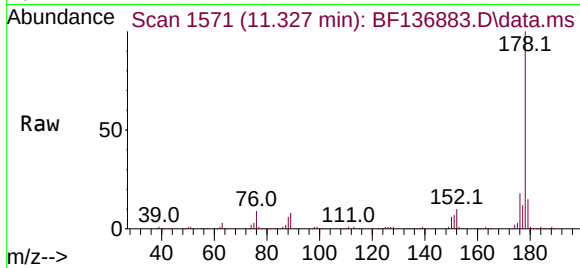
141 427.3 59.2 88.8#



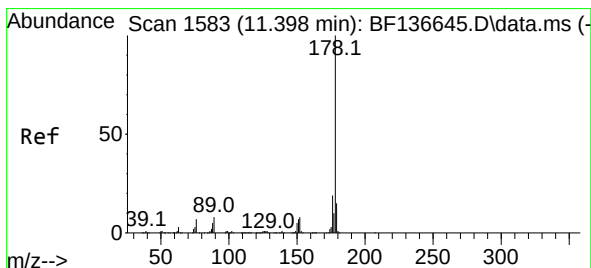
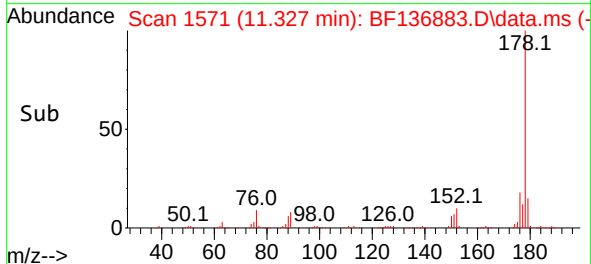
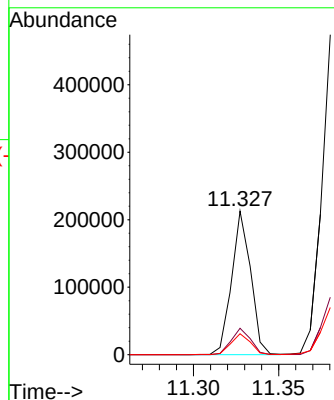


#71
Phenanthrene
Concen: 10.875 ng
RT: 11.327 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF136883.D
Acq: 02 Jan 2024 21:28

Instrument :
BNA_F
ClientSampleId :

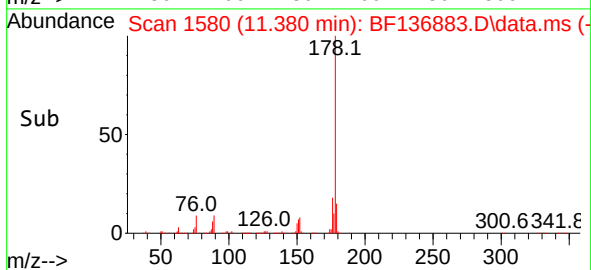
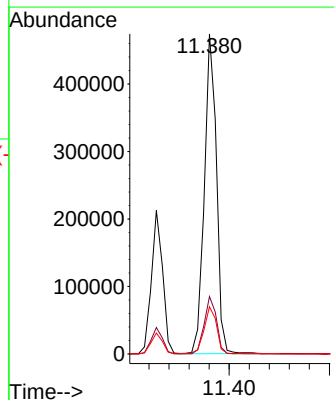
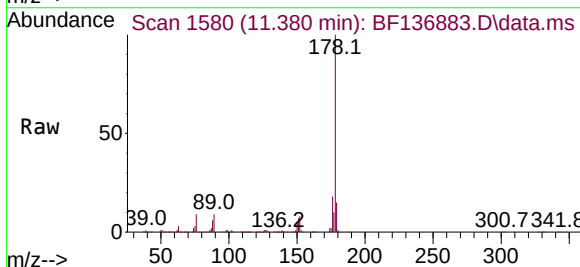


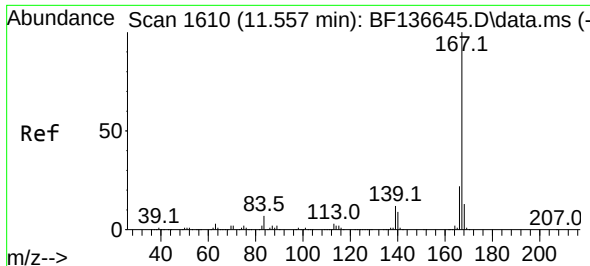
Tgt Ion:178 Resp: 165104
Ion Ratio Lower Upper
178 100
176 18.5 15.3 22.9
179 14.6 11.9 17.9



#72
Anthracene
Concen: 25.952 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.018 min
Lab File: BF136883.D
Acq: 02 Jan 2024 21:28

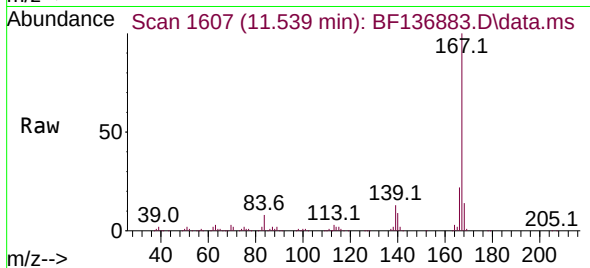
Tgt Ion:178 Resp: 399020
Ion Ratio Lower Upper
178 100
176 17.9 14.9 22.3
179 14.7 11.8 17.6



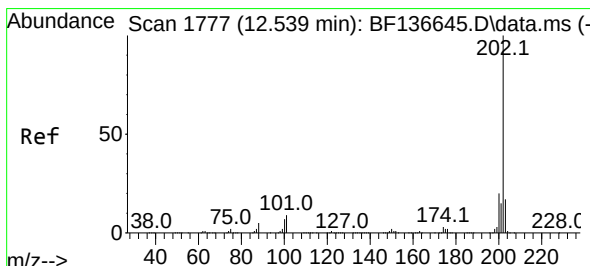
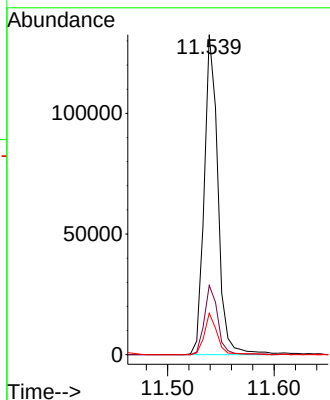
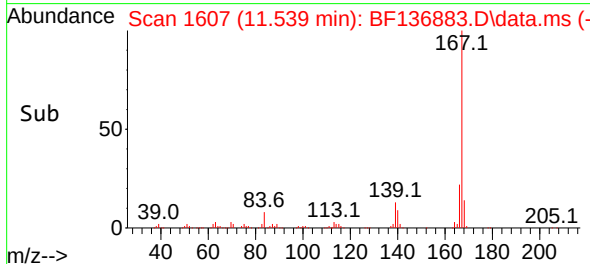


#73
Carbazole
Concen: 8.224 ng
RT: 11.539 min Scan# 1607
Delta R.T. -0.018 min
Lab File: BF136883.D
Acq: 02 Jan 2024 21:28

Instrument :
BNA_F
ClientSampleId :

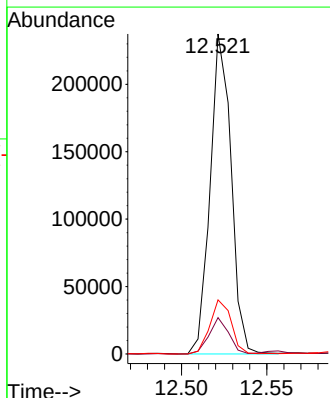
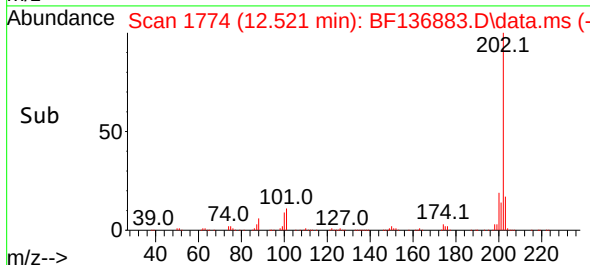
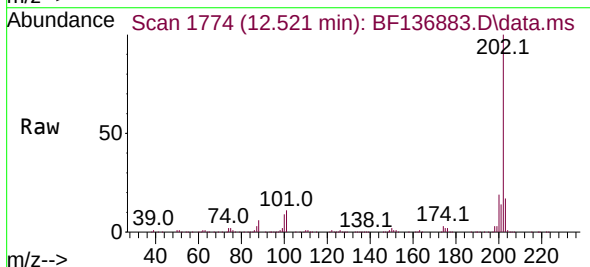


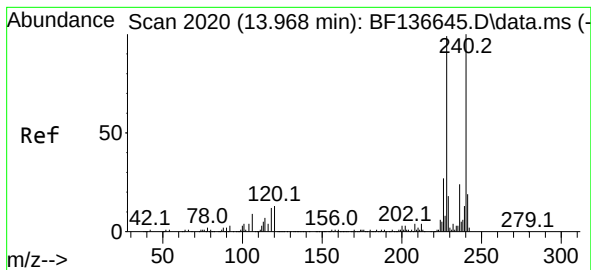
Tgt Ion:167 Resp: 119212
Ion Ratio Lower Upper
167 100
166 21.7 17.3 25.9
139 12.9 9.8 14.6



#75
Fluoranthene
Concen: 12.493 ng
RT: 12.521 min Scan# 1774
Delta R.T. -0.018 min
Lab File: BF136883.D
Acq: 02 Jan 2024 21:28

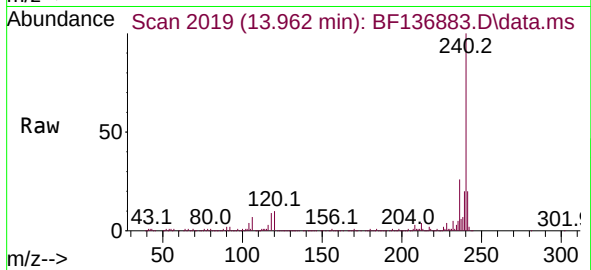
Tgt Ion:202 Resp: 202886
Ion Ratio Lower Upper
202 100
101 11.3 0.0 29.3
203 16.9 0.0 37.1



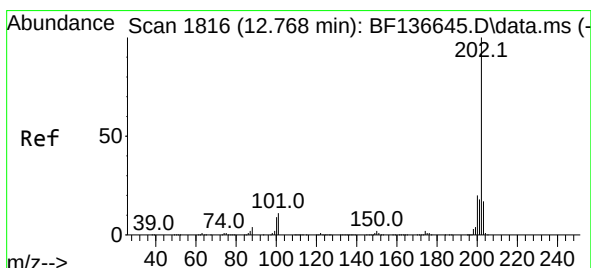
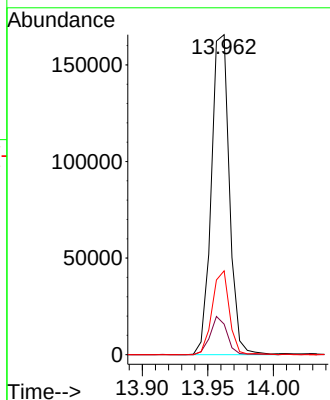
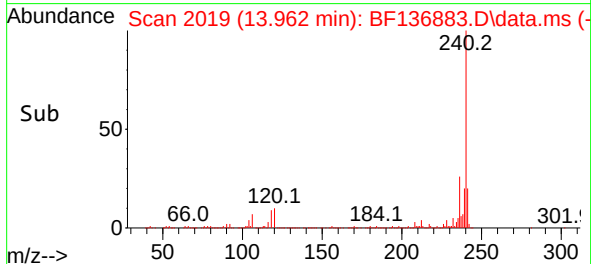


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF136883.D
Acq: 02 Jan 2024 21:28

Instrument :
BNA_F
ClientSampleId :

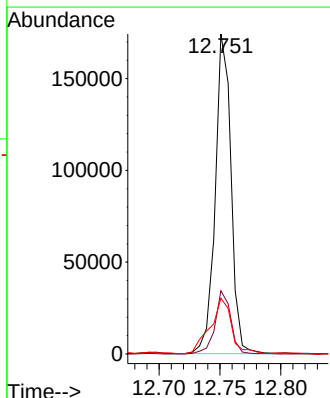
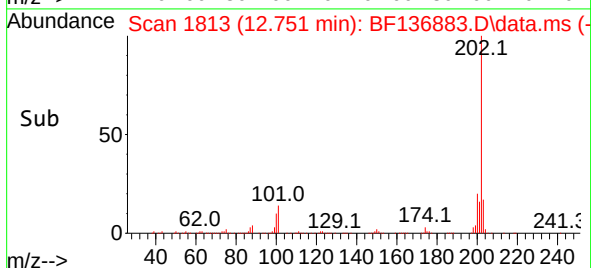
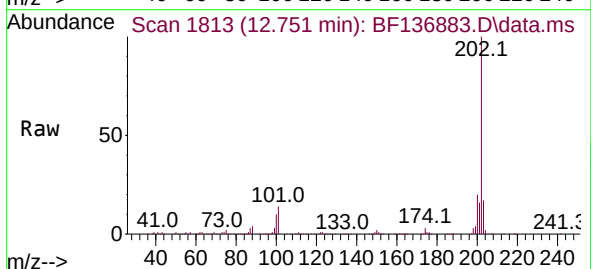


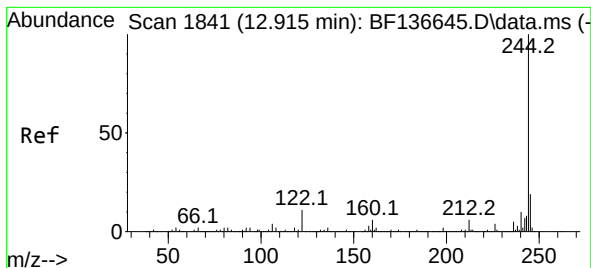
Tgt Ion:240 Resp: 158657
Ion Ratio Lower Upper
240 100
120 9.6 10.3 15.5#
236 26.2 19.4 29.2



#78
Pyrene
Concen: 10.098 ng
RT: 12.751 min Scan# 1813
Delta R.T. -0.018 min
Lab File: BF136883.D
Acq: 02 Jan 2024 21:28

Tgt Ion:202 Resp: 157282
Ion Ratio Lower Upper
202 100
200 19.7 15.9 23.9
203 17.4 13.8 20.6





#79

Terphenyl-d14

Concen: 68.893 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

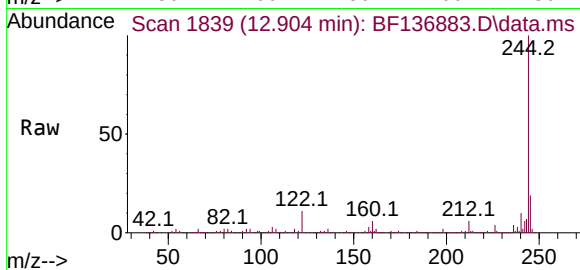
Lab File: BF136883.D

Acq: 02 Jan 2024 21:28

Instrument :

BNA_F

ClientSampleId :



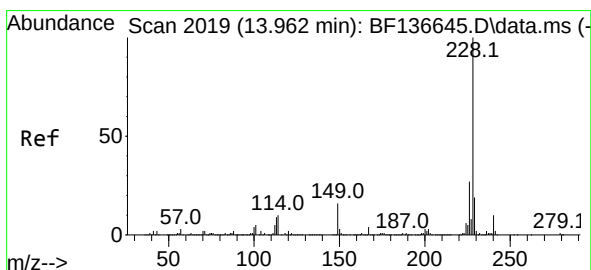
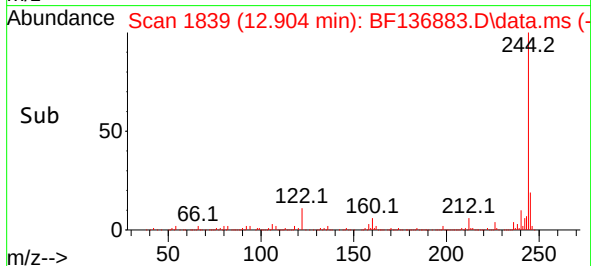
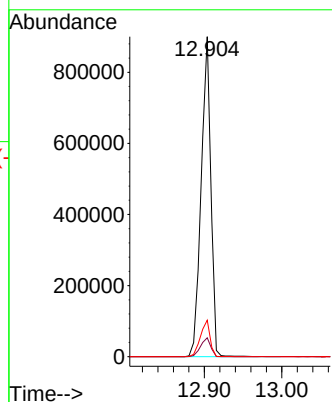
Tgt Ion:244 Resp: 782158

Ion Ratio Lower Upper

244 100

212 5.9 5.0 7.4

122 11.4 9.0 13.4



#81

Benzo(a)anthracene

Concen: 4.435 ng

RT: 13.951 min Scan# 2017

Delta R.T. -0.012 min

Lab File: BF136883.D

Acq: 02 Jan 2024 21:28

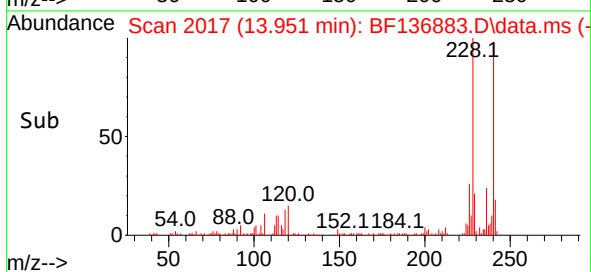
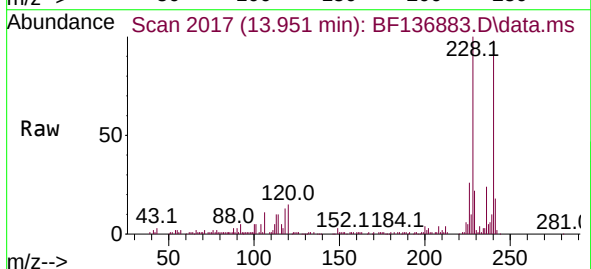
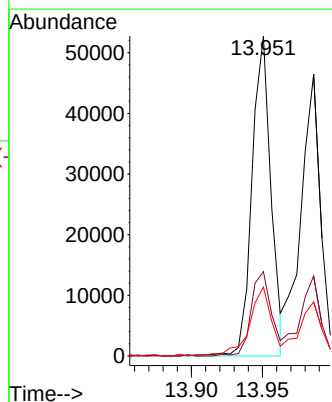
Tgt Ion:228 Resp: 48862

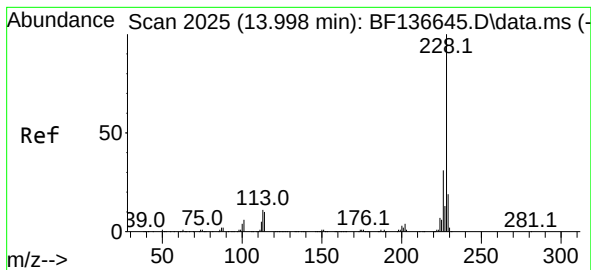
Ion Ratio Lower Upper

228 100

226 26.3 21.4 32.0

229 21.5 14.9 22.3





#83

Chrysene

Concen: 4.237 ng

RT: 13.986 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF136883.D

Acq: 02 Jan 2024 21:28

Instrument :

BNA_F

ClientSampleId :

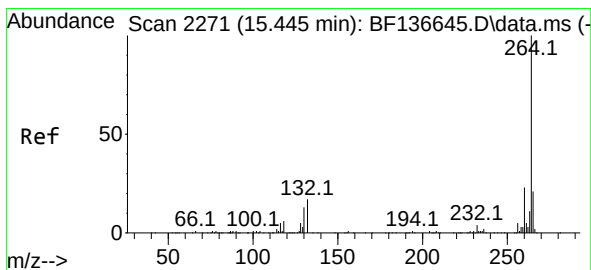
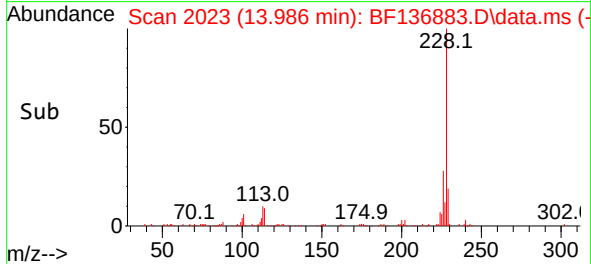
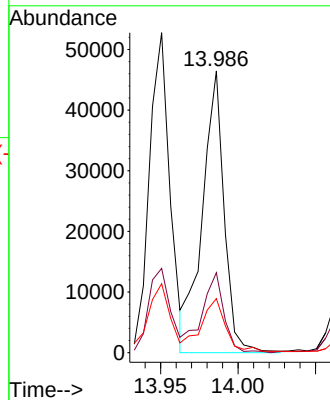
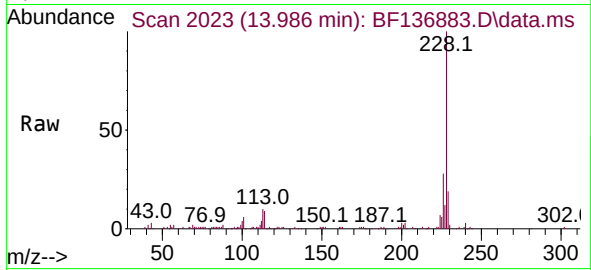
Tgt Ion:228 Resp: 45642

Ion Ratio Lower Upper

228 100

226 28.4 24.7 37.1

229 19.2 15.4 23.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2270

Delta R.T. -0.006 min

Lab File: BF136883.D

Acq: 02 Jan 2024 21:28

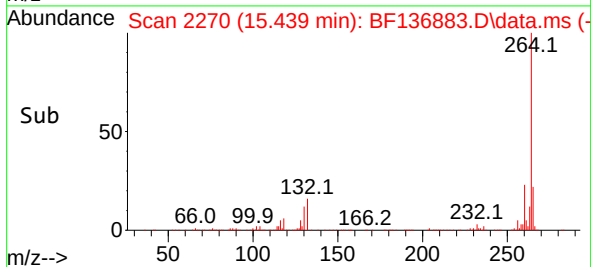
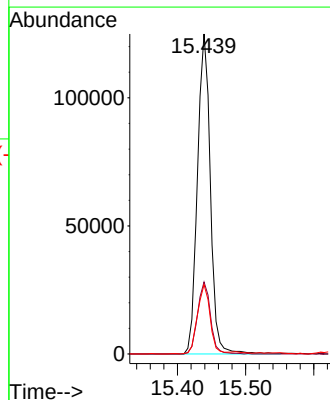
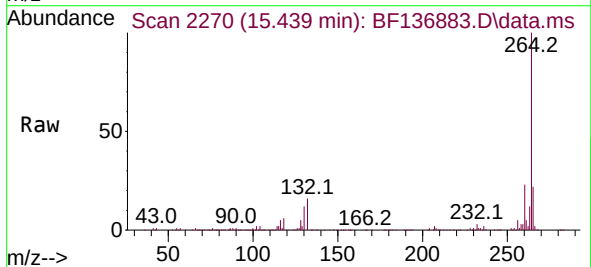
Tgt Ion:264 Resp: 163867

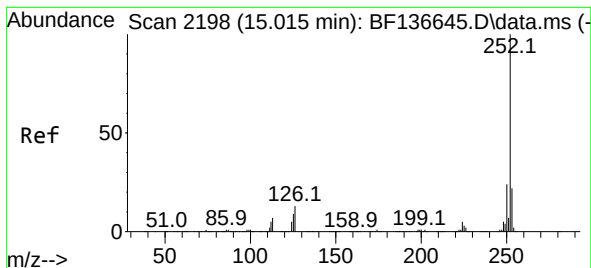
Ion Ratio Lower Upper

264 100

260 22.5 18.3 27.5

265 21.6 17.0 25.6





#88

Benzo(b)fluoranthene

Concen: 5.724 ng

RT: 15.004 min Scan# 2196

Delta R.T. -0.012 min

Lab File: BF136883.D

Acq: 02 Jan 2024 21:28

Instrument :

BNA_F

ClientSampleId :

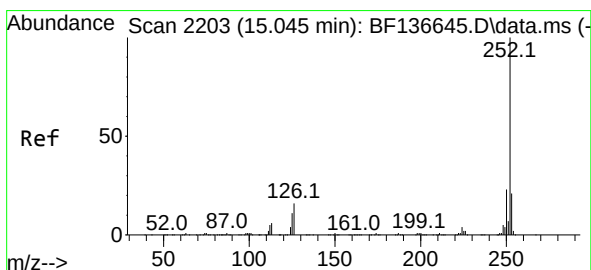
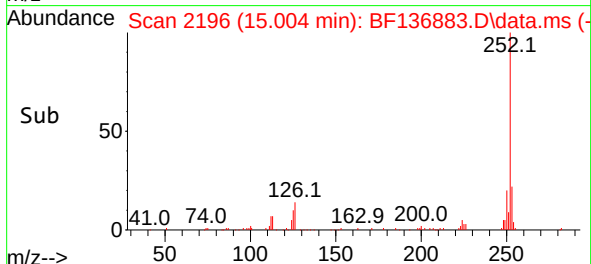
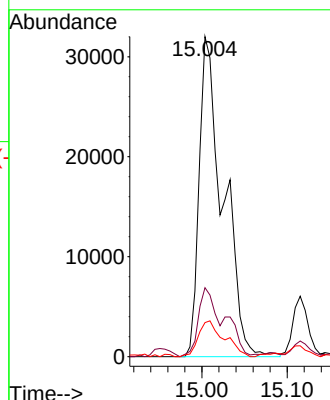
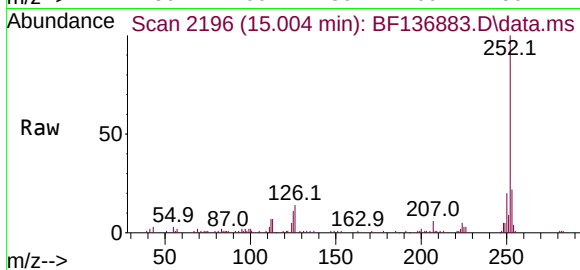
Tgt Ion:252 Resp: 62650

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.0

125 10.7 7.4 11.2



#89

Benzo(k)fluoranthene

Concen: 6.058 ng

RT: 15.004 min Scan# 2196

Delta R.T. -0.041 min

Lab File: BF136883.D

Acq: 02 Jan 2024 21:28

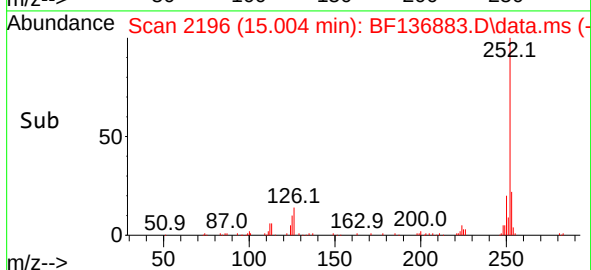
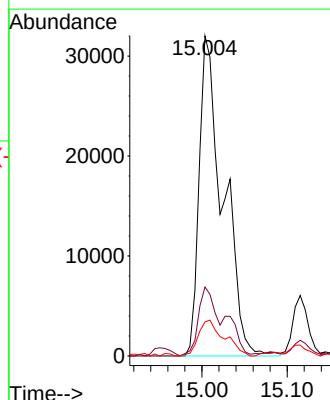
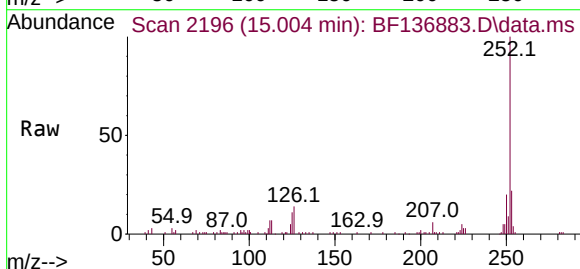
Tgt Ion:252 Resp: 62650

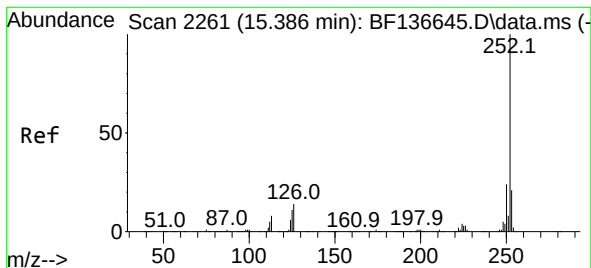
Ion Ratio Lower Upper

252 100

253 21.5 17.0 25.6

125 10.7 8.2 12.4





#90

Benzo(a)pyrene

Concen: 3.861 ng

RT: 15.374 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF136883.D

Acq: 02 Jan 2024 21:28

Instrument :

BNA_F

ClientSampleId :

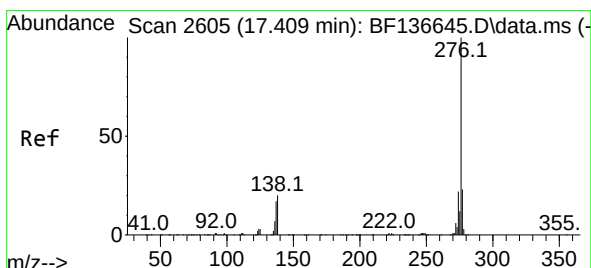
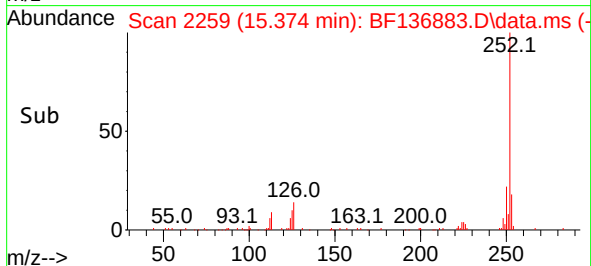
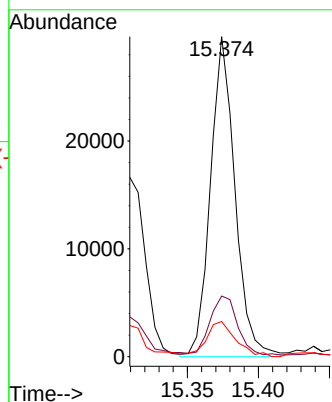
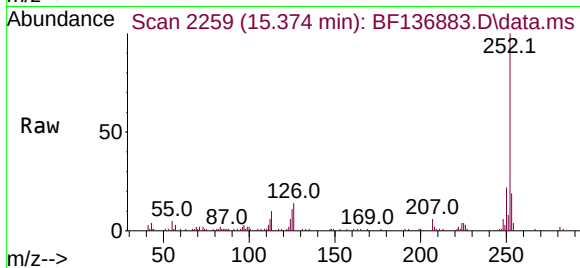
Tgt Ion:252 Resp: 35667

Ion Ratio Lower Upper

252 100

253 19.0 17.0 25.6

125 11.0 8.8 13.2



#92

Benzo(g,h,i)perylene

Concen: 2.272 ng

RT: 17.392 min Scan# 2602

Delta R.T. -0.018 min

Lab File: BF136883.D

Acq: 02 Jan 2024 21:28

Tgt Ion:276 Resp: 22584

Ion Ratio Lower Upper

276 100

277 24.2 18.3 27.5

138 22.3 15.6 23.4

