

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
 Data File : BF136746.D
 Acq On : 27 Dec 2023 05:18
 Operator : CG\JU
 Sample : 05463-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-11162023

Quant Time: Dec 27 05:38:10 2023
 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)

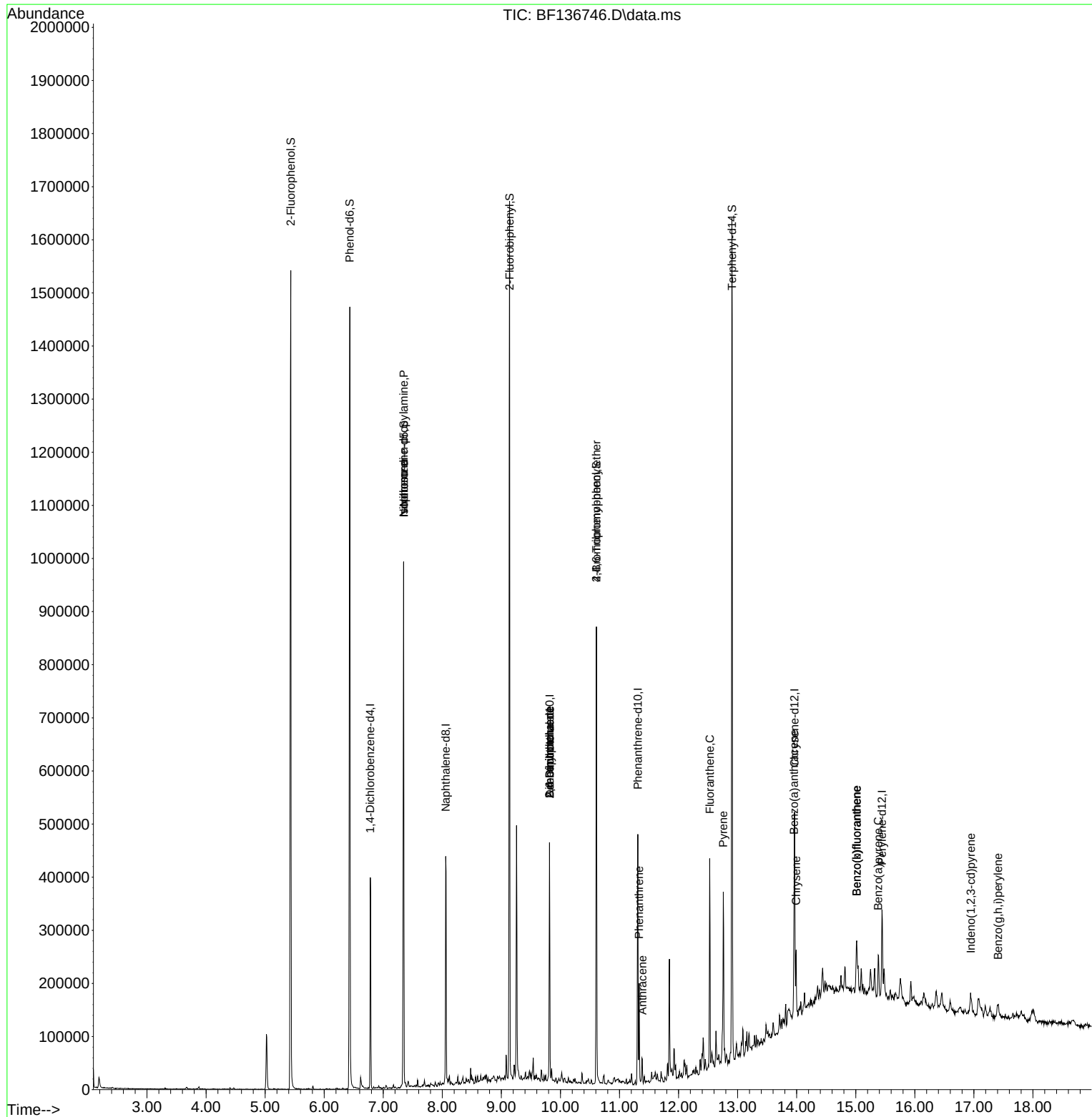
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	58510	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	192424	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	81538	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	159029	20.000	ng	0.00
76) Chrysene-d12	13.962	240	109118	20.000	ng	0.00
86) Perylene-d12	15.445	264	77526	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	418228	111.529	ng	0.00
7) Phenol-d6	6.434	99	489900	100.822	ng	0.00
23) Nitrobenzene-d5	7.345	82	279623	74.360	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	99783	103.909	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	482080	79.520	ng	-0.01
79) Terphenyl-d14	12.904	244	558935	71.582	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	37813	12.837	ng	# 75
25) Isophorone	7.345	82	279619	40.865	ng	# 65
50) Dimethylphthalate	9.816	163	15836	2.659	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	11283	8.347	ng	# 29
57) 2,4-Dinitrotoluene	9.816	165	11283	6.430	ng	# 20
67) 4-Bromophenyl-phenylether	10.610	248	5933	3.359	ng	# 1
71) Phenanthrene	11.333	178	63261	7.753	ng	99
72) Anthracene	11.386	178	19351	2.342	ng	97
75) Fluoranthene	12.527	202	150077	17.194	ng	98
78) Pyrene	12.757	202	132228	12.344	ng	99
81) Benzo(a)anthracene	13.957	228	56258	7.425	ng	96
83) Chrysene	13.992	228	54680	7.380	ng	96
87) Indeno(1,2,3-cd)pyrene	16.951	276	24189	4.321	ng	95
88) Benzo(b)fluoranthene	15.015	252	69203	13.365	ng	# 93
89) Benzo(k)fluoranthene	15.015	252	69203	14.144	ng	# 93
90) Benzo(a)pyrene	15.380	252	35876	8.208	ng	# 91
92) Benzo(g,h,i)perylene	17.409	276	23987	5.100	ng	# 91

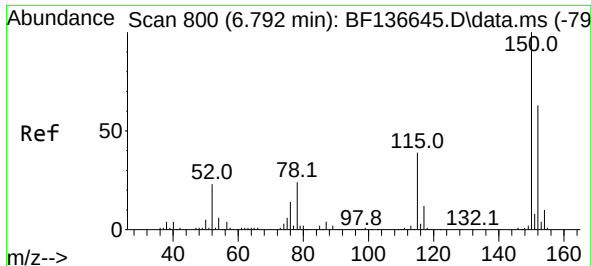
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
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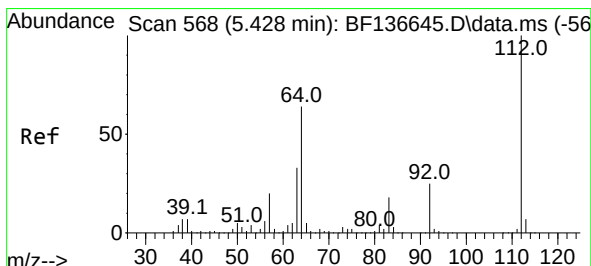
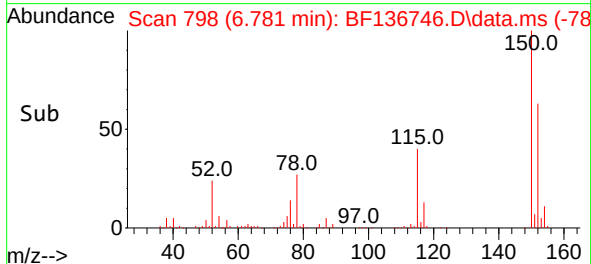
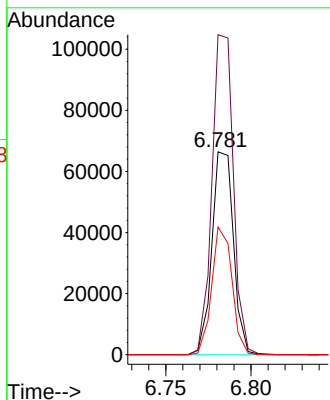
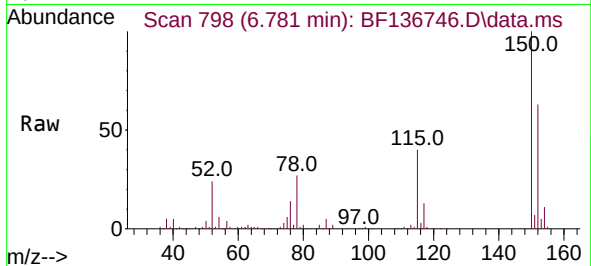




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136746.D
Acq: 27 Dec 2023 05:18

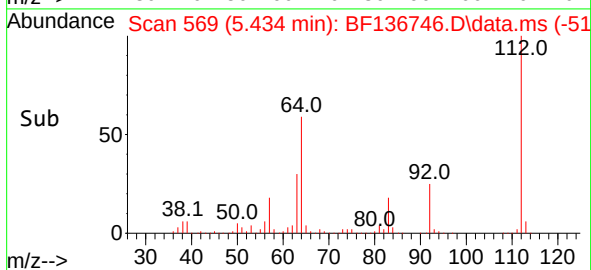
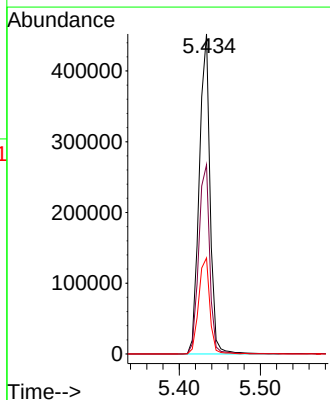
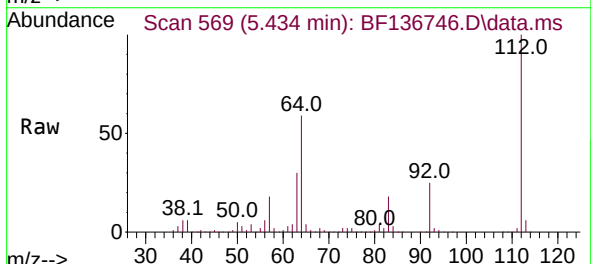
Instrument :
BNA_F
ClientSampleId :
NB-08-11162023

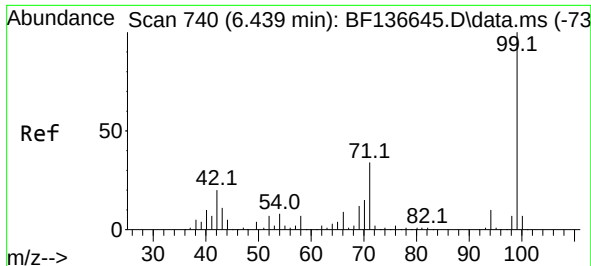
Tgt Ion:152 Resp: 58510
Ion Ratio Lower Upper
152 100
150 157.7 127.0 190.6
115 62.9 49.0 73.4



#5
2-Fluorophenol
Concen: 111.529 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF136746.D
Acq: 27 Dec 2023 05:18

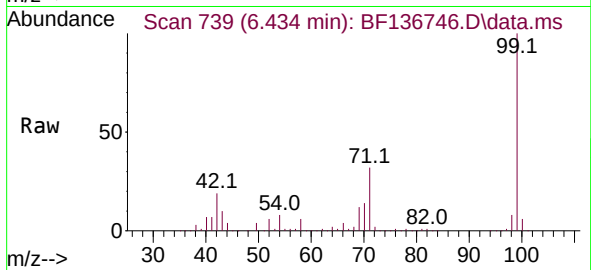
Tgt Ion:112 Resp: 418228
Ion Ratio Lower Upper
112 100
64 59.1 51.1 76.7
63 30.0 26.1 39.1



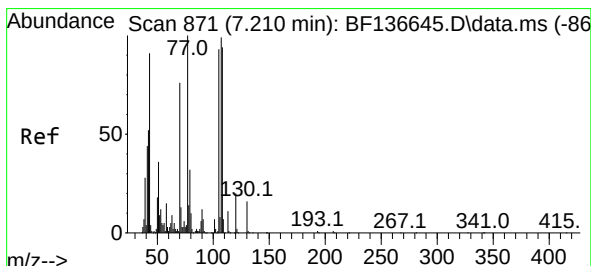
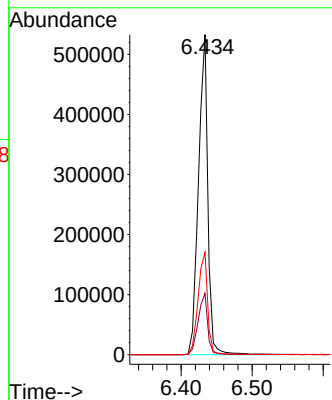
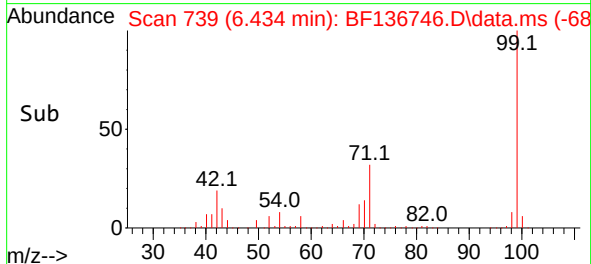


#7
Phenol-d6
Concen: 100.822 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136746.D
Acq: 27 Dec 2023 05:18

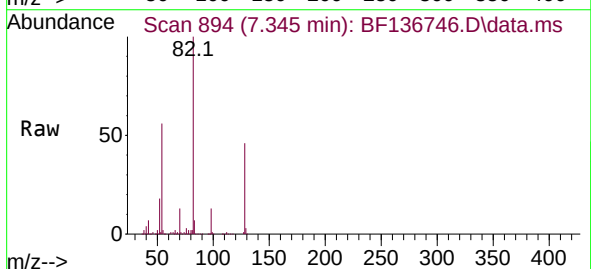
Instrument :
BNA_F
ClientSampleId :
NB-08-11162023



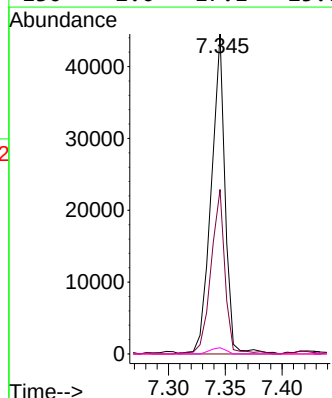
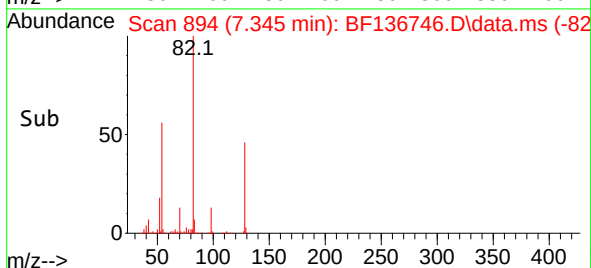
Tgt Ion: 99 Resp: 489900
Ion Ratio Lower Upper
99 100
42 19.2 16.1 24.1
71 32.0 27.4 41.2

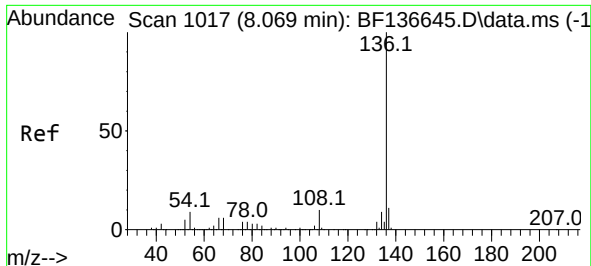


#19
n-Nitroso-di-n-propylamine
Concen: 12.837 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136746.D
Acq: 27 Dec 2023 05:18



Tgt Ion: 70 Resp: 37813
Ion Ratio Lower Upper
70 100
42 51.4 54.2 81.4#
101 0.0 7.6 11.4#
130 2.0 17.1 25.7#



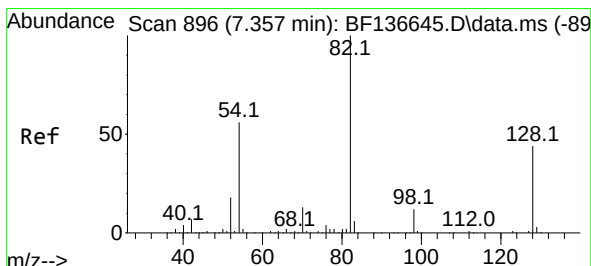
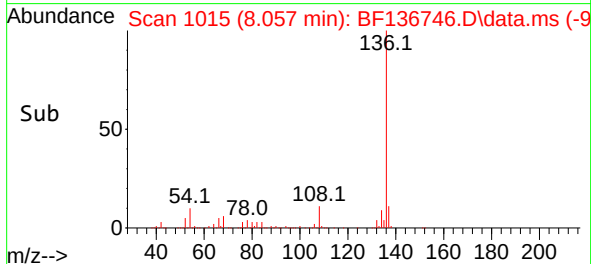
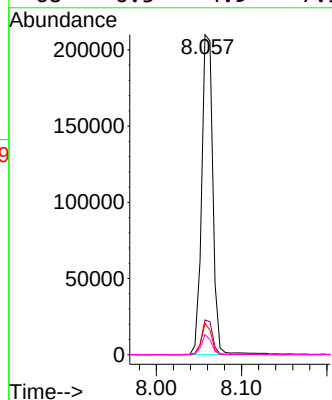
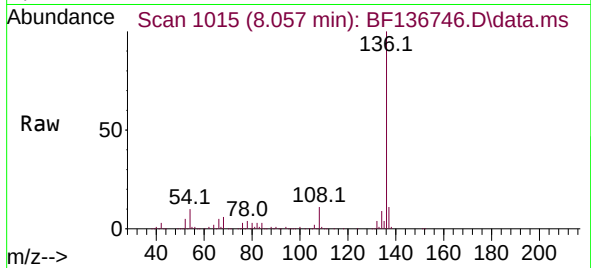


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136746.D
Acq: 27 Dec 2023 05:18

Instrument :
BNA_F
ClientSampleId :
NB-08-11162023

Tgt Ion:136 Resp: 192424

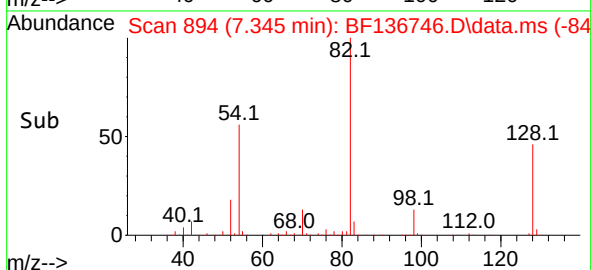
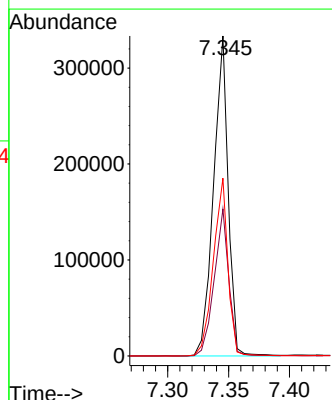
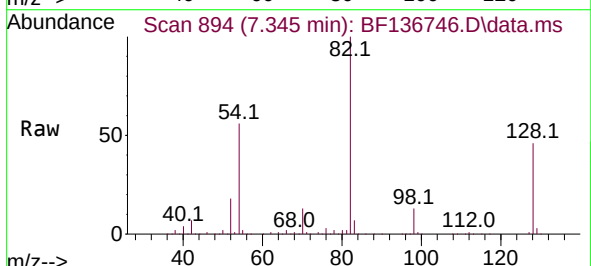
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	9.8	7.2	10.8
68	6.3	4.9	7.3

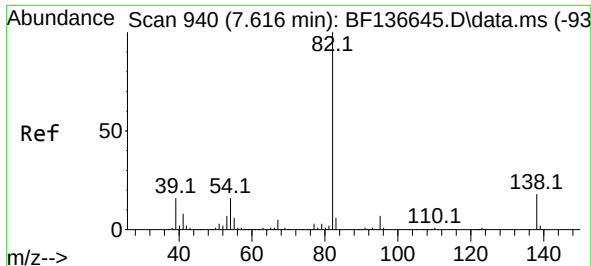


#23
Nitrobenzene-d5
Concen: 74.360 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136746.D
Acq: 27 Dec 2023 05:18

Tgt Ion: 82 Resp: 279623

Ion	Ratio	Lower	Upper
82	100		
128	45.9	35.3	52.9
54	55.6	44.5	66.7

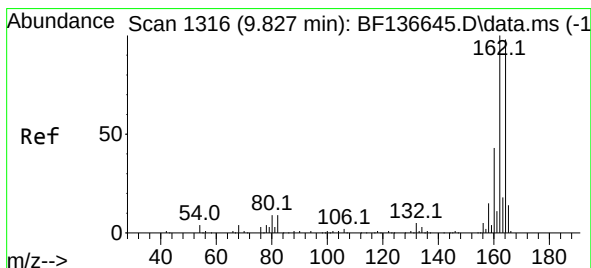
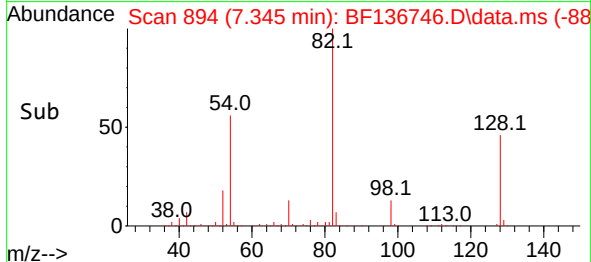
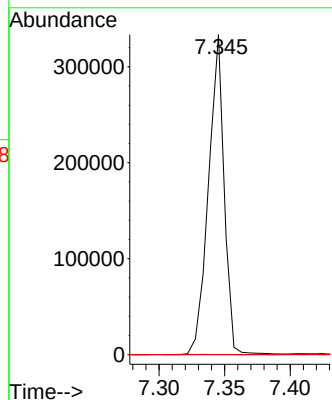
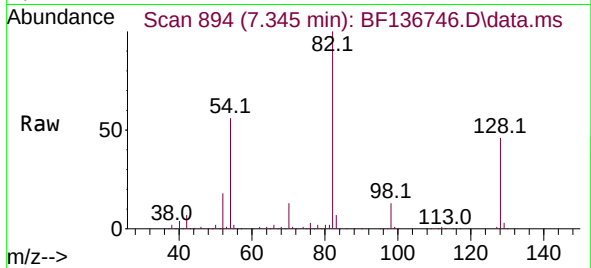




#25
Isophorone
Concen: 40.865 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.271 min
Lab File: BF136746.D
Acq: 27 Dec 2023 05:18

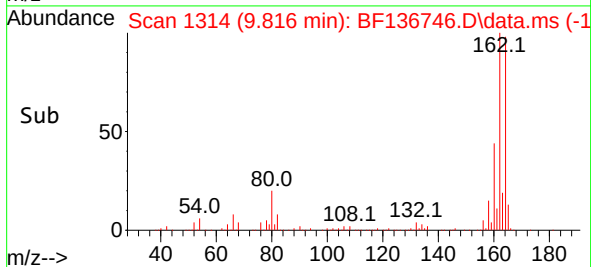
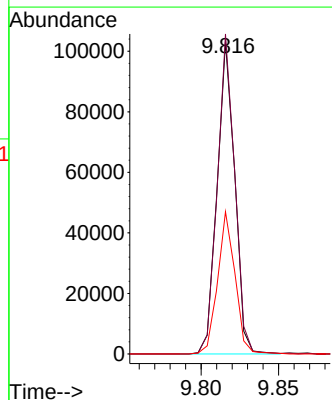
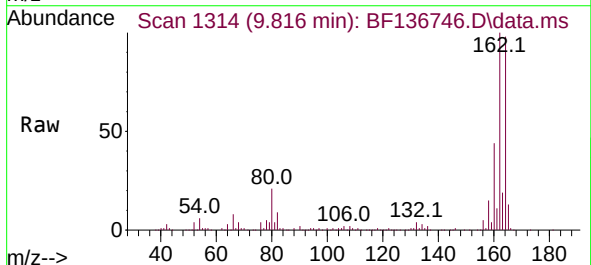
Instrument :
BNA_F
ClientSampleId :
NB-08-11162023

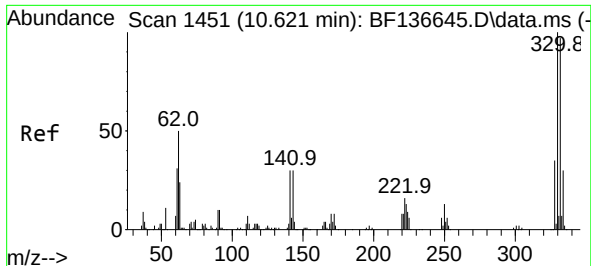
Tgt Ion: 82 Resp: 279619
Ion Ratio Lower Upper
82 100
95 0.1 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136746.D
Acq: 27 Dec 2023 05:18

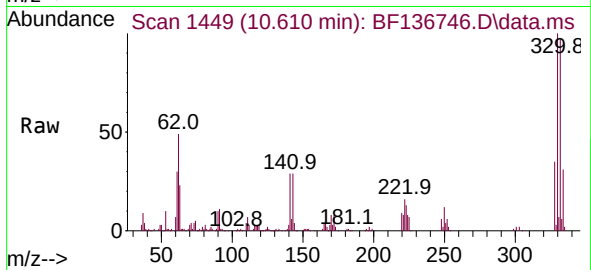
Tgt Ion:164 Resp: 81538
Ion Ratio Lower Upper
164 100
162 102.5 81.6 122.4
160 45.6 34.9 52.3



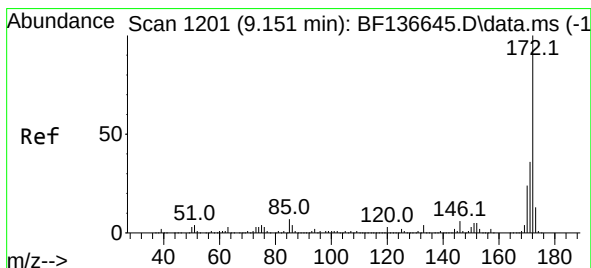
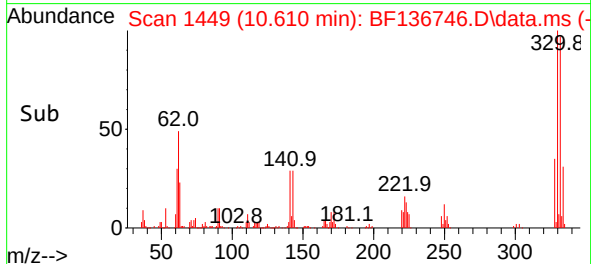
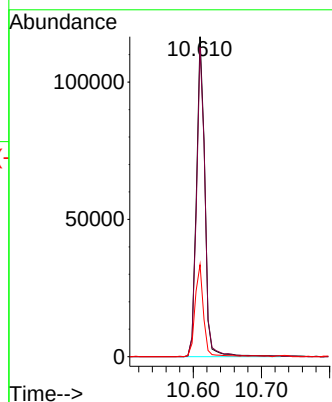


#42
2,4,6-Tribromophenol
Concen: 103.909 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF136746.D
Acq: 27 Dec 2023 05:18

Instrument :
BNA_F
ClientSampleId :
NB-08-11162023

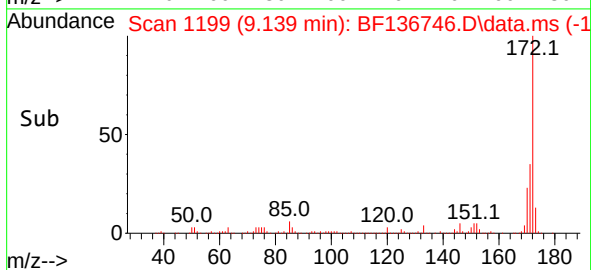
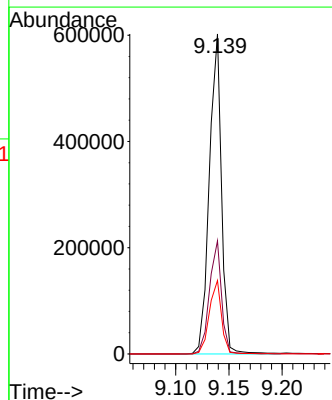
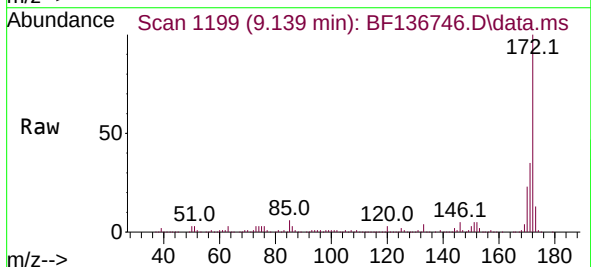


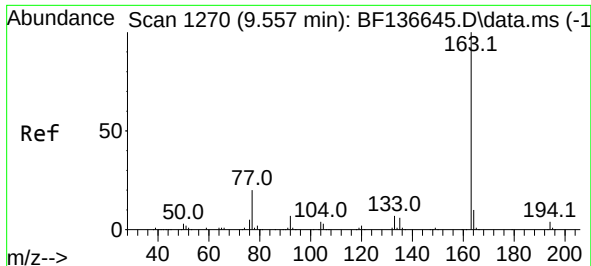
Tgt Ion:330 Resp: 99783
Ion Ratio Lower Upper
330 100
332 97.3 77.4 116.0
141 29.0 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 79.520 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136746.D
Acq: 27 Dec 2023 05:18

Tgt Ion:172 Resp: 482080
Ion Ratio Lower Upper
172 100
171 35.4 29.0 43.6
170 23.0 19.0 28.4

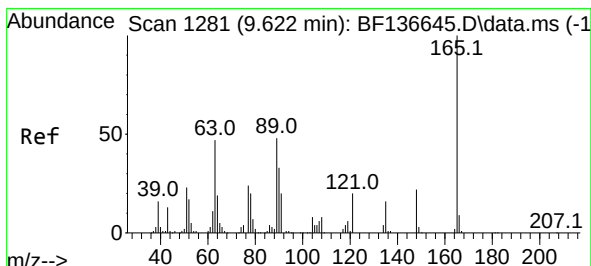
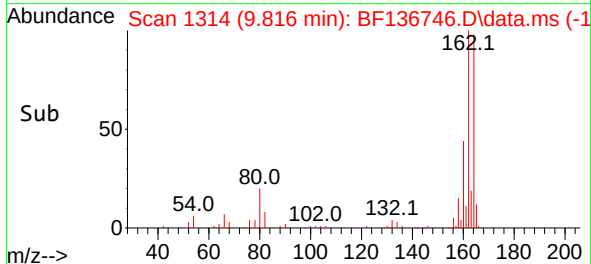
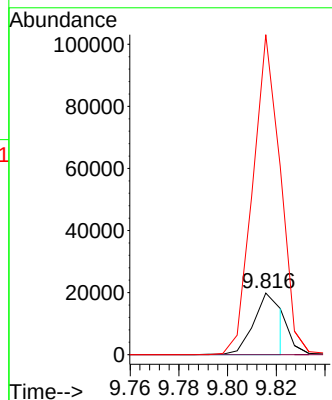
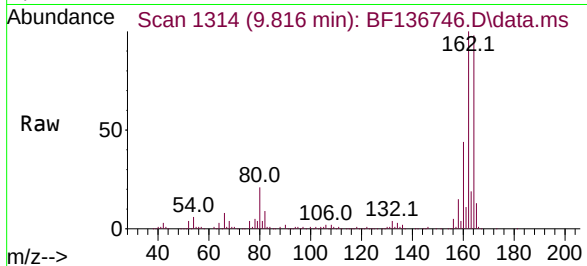




#50
Dimethylphthalate
Concen: 2.659 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF136746.D
Acq: 27 Dec 2023 05:18

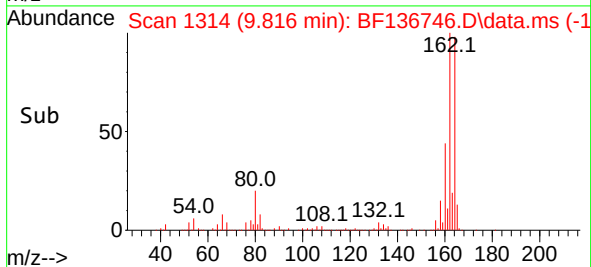
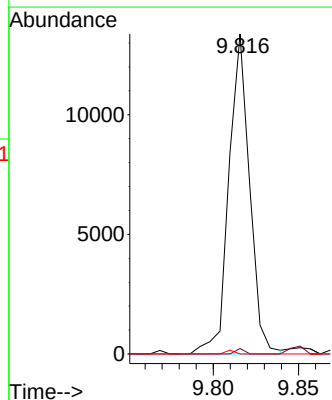
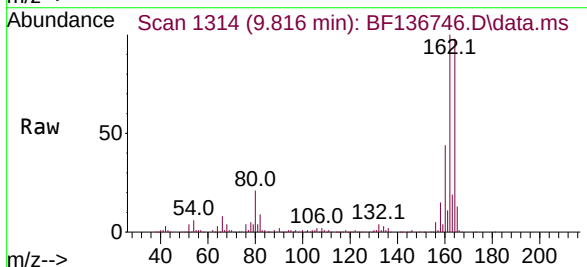
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ClientSampleId :
NB-08-11162023

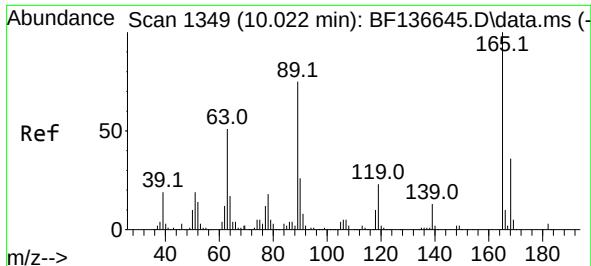
Tgt Ion:163 Resp: 15836
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 519.3 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 8.347 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136746.D
Acq: 27 Dec 2023 05:18

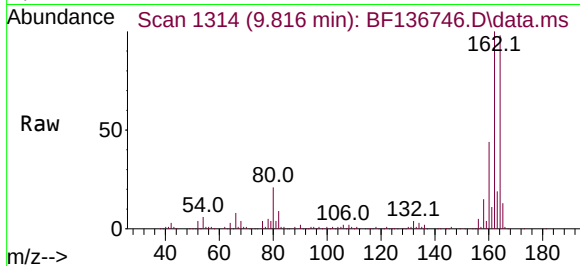
Tgt Ion:165 Resp: 11283
Ion Ratio Lower Upper
165 100
63 1.7 39.8 59.6#
89 0.0 38.8 58.2#



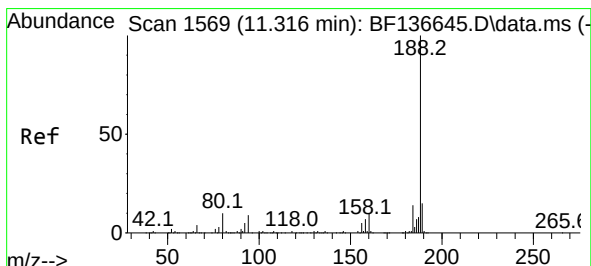
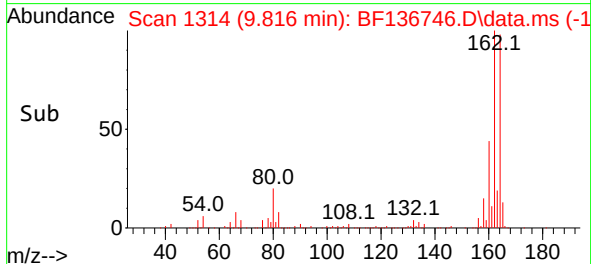
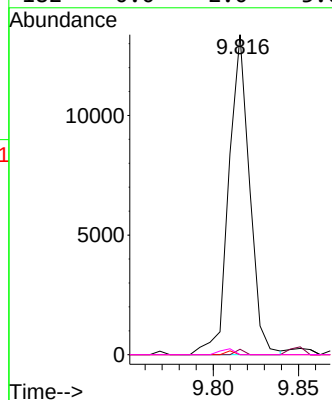


#57
2,4-Dinitrotoluene
Concen: 6.430 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136746.D
Acq: 27 Dec 2023 05:18

Instrument :
BNA_F
ClientSampleId :
NB-08-11162023

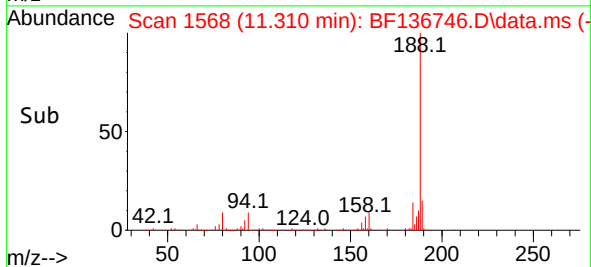
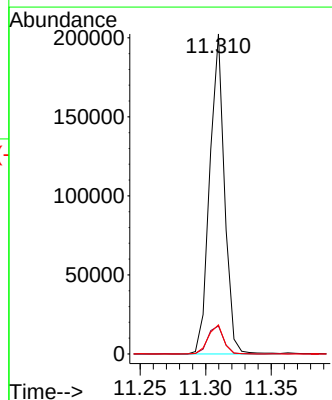
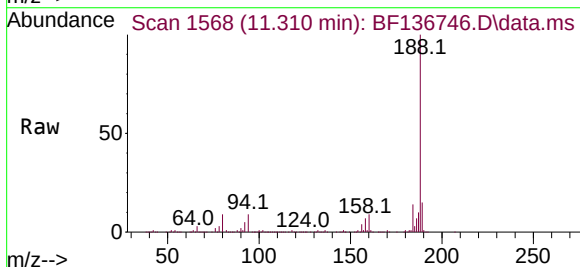


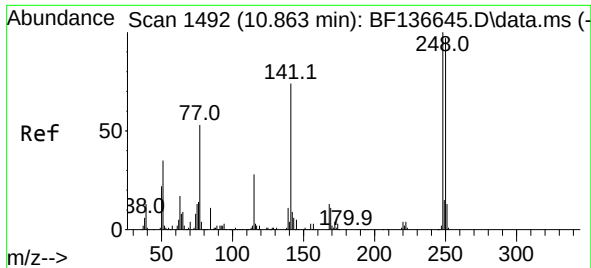
Tgt Ion:165 Resp: 11283
Ion Ratio Lower Upper
165 100
63 1.7 41.0 61.6#
89 0.0 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136746.D
Acq: 27 Dec 2023 05:18

Tgt Ion:188 Resp: 159029
Ion Ratio Lower Upper
188 100
94 8.7 7.5 11.3
80 9.1 8.1 12.1

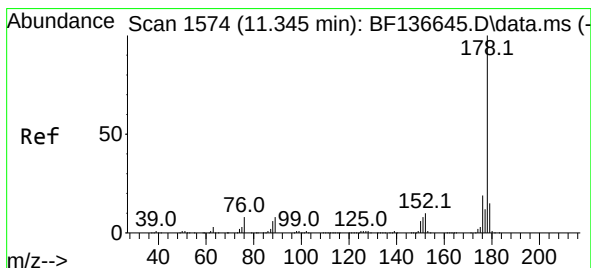
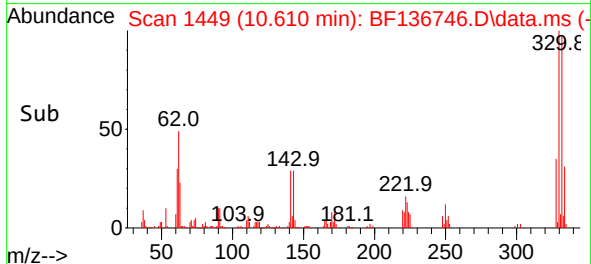
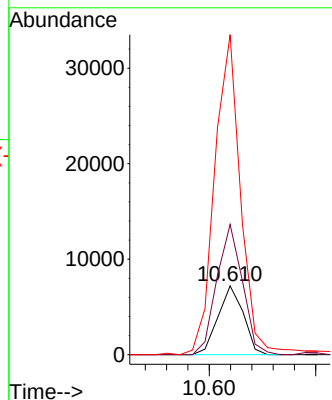
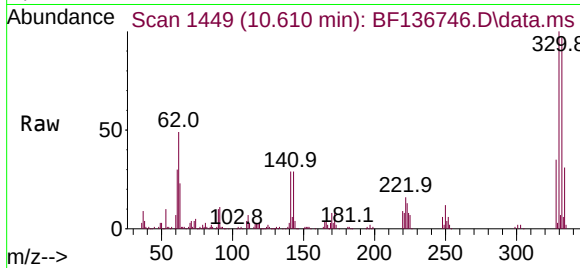




#67
4-Bromophenyl-phenylether
Concen: 3.359 ng
RT: 10.610 min Scan# 1492
Delta R.T. -0.253 min
Lab File: BF136746.D
Acq: 27 Dec 2023 05:18

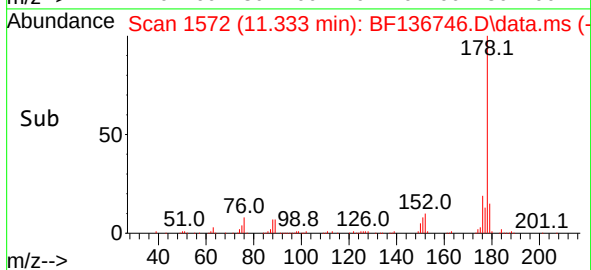
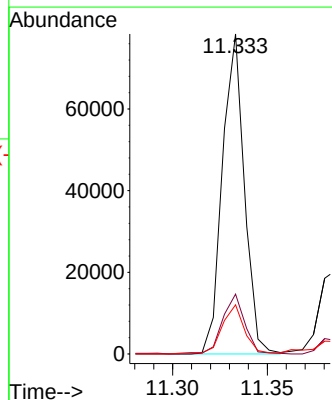
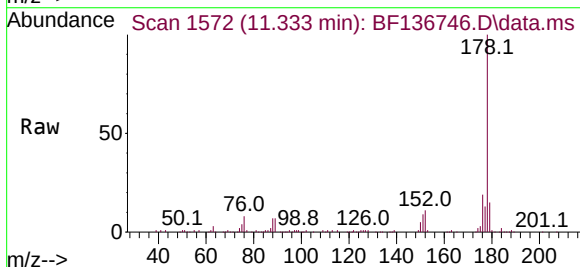
Instrument :
BNA_F
ClientSampleId :
NB-08-11162023

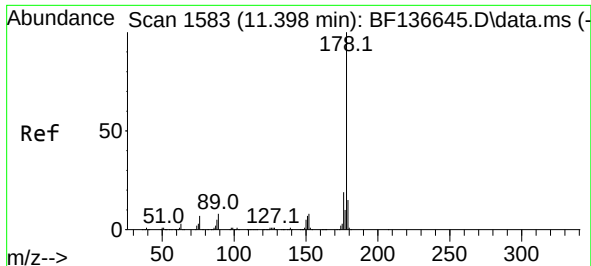
Tgt Ion:248 Resp: 5933
Ion Ratio Lower Upper
248 100
250 189.2 77.8 116.6#
141 465.0 59.2 88.8#



#71
Phenanthrene
Concen: 7.753 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF136746.D
Acq: 27 Dec 2023 05:18

Tgt Ion:178 Resp: 63261
Ion Ratio Lower Upper
178 100
176 18.7 15.3 22.9
179 15.3 11.9 17.9

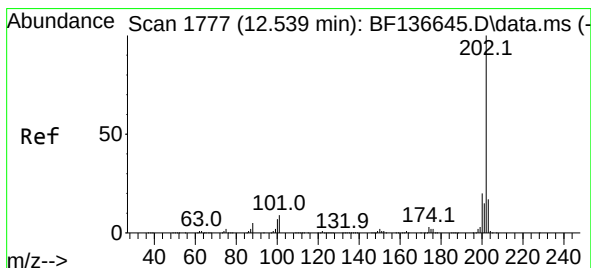
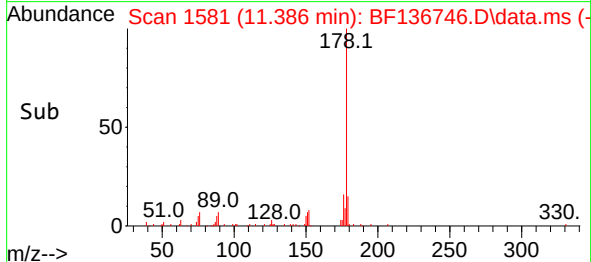
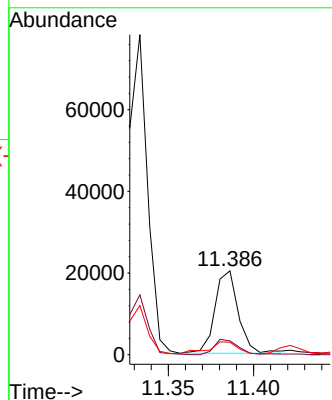
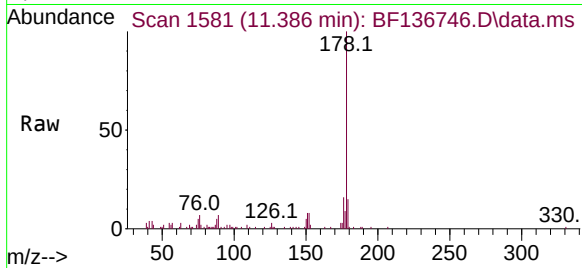




#72
 Anthracene
 Concen: 2.342 ng
 RT: 11.386 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF136746.D
 Acq: 27 Dec 2023 05:18

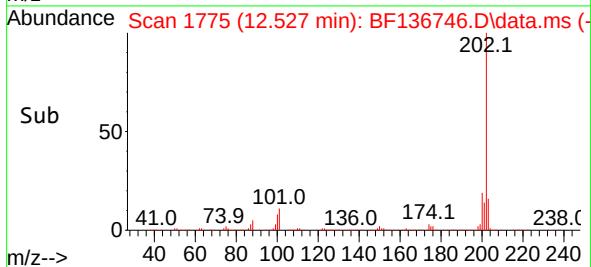
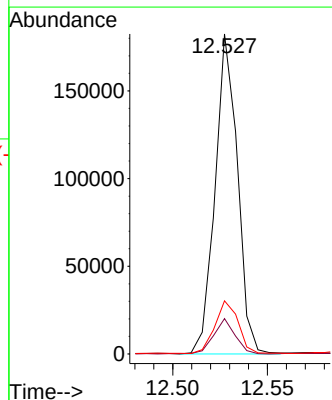
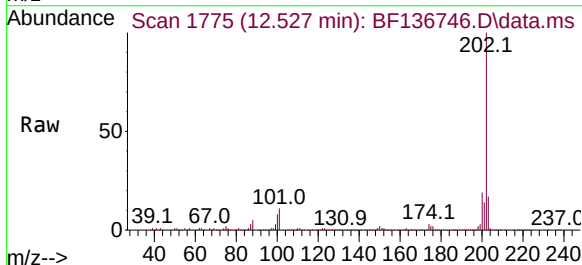
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-11162023

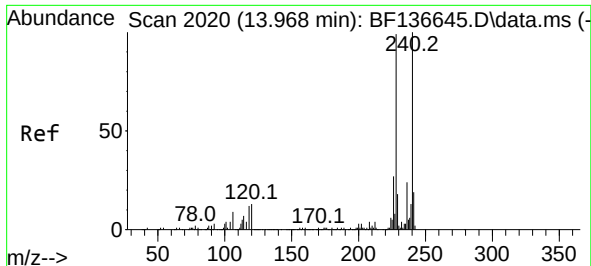
Tgt Ion:178 Resp: 19351
 Ion Ratio Lower Upper
 178 100
 176 16.3 14.9 22.3
 179 15.0 11.8 17.6



#75
 Fluoranthene
 Concen: 17.194 ng
 RT: 12.527 min Scan# 1775
 Delta R.T. -0.012 min
 Lab File: BF136746.D
 Acq: 27 Dec 2023 05:18

Tgt Ion:202 Resp: 150077
 Ion Ratio Lower Upper
 202 100
 101 11.1 0.0 29.3
 203 16.6 0.0 37.1

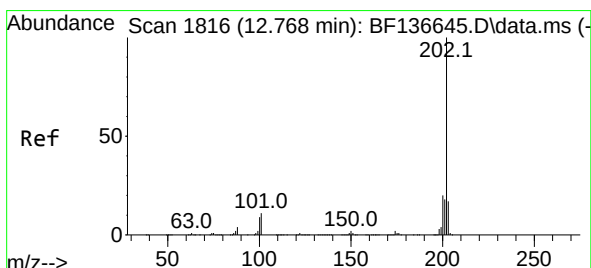
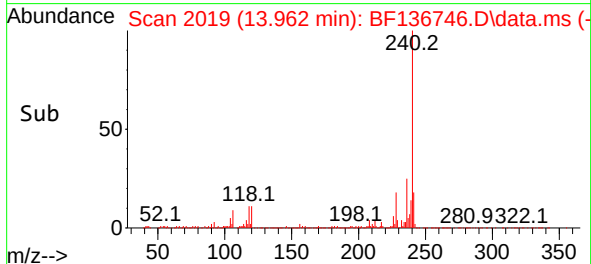
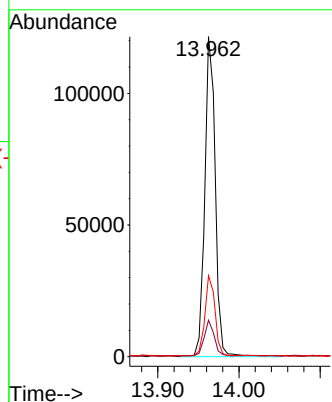
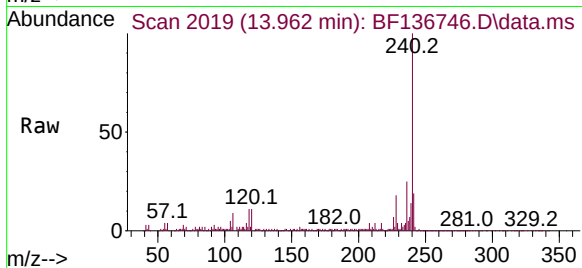




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF136746.D
Acq: 27 Dec 2023 05:18

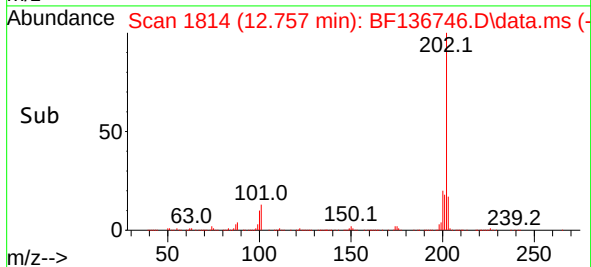
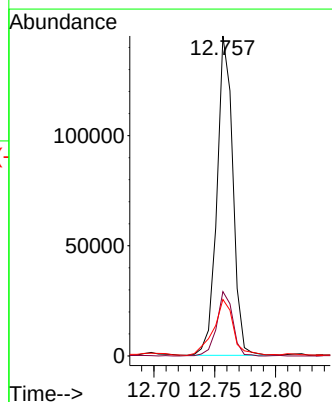
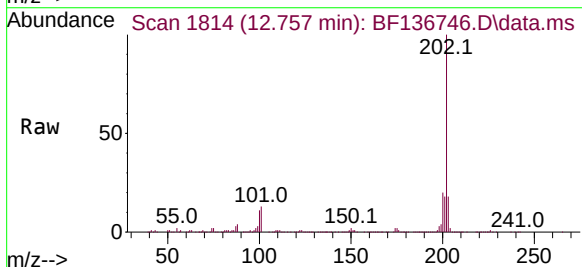
Instrument :
BNA_F
ClientSampleId :
NB-08-11162023

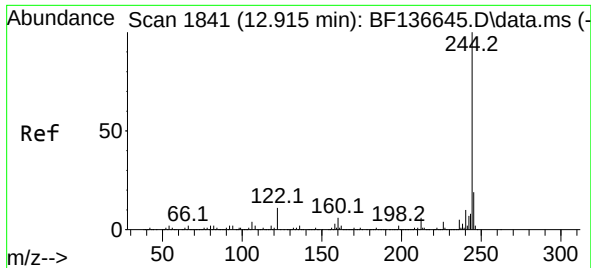
Tgt Ion:240 Resp: 109118
Ion Ratio Lower Upper
240 100
120 11.4 10.3 15.5
236 25.3 19.4 29.2



#78
Pyrene
Concen: 12.344 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.012 min
Lab File: BF136746.D
Acq: 27 Dec 2023 05:18

Tgt Ion:202 Resp: 132228
Ion Ratio Lower Upper
202 100
200 20.1 15.9 23.9
203 17.7 13.8 20.6

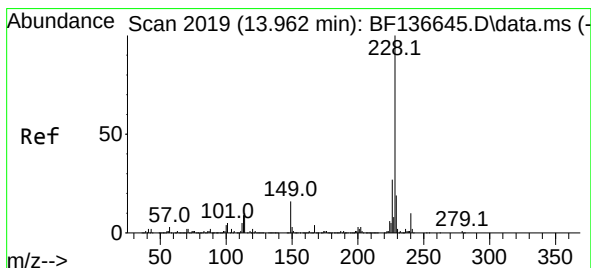
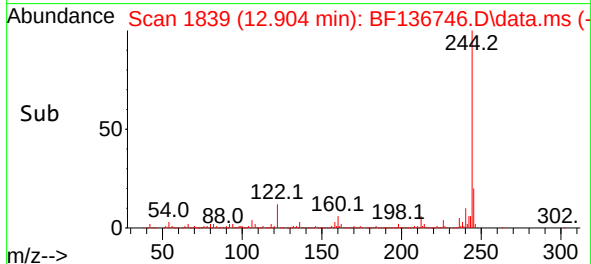
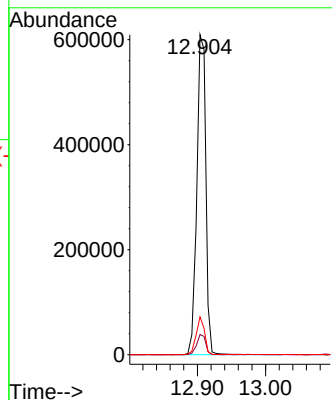
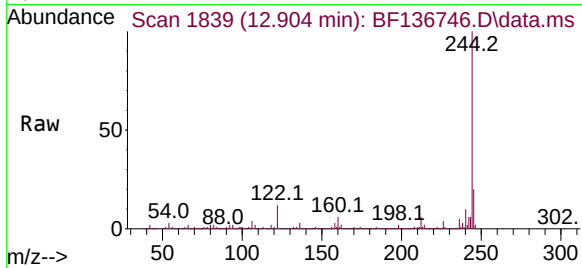




#79
 Terphenyl-d14
 Concen: 71.582 ng
 RT: 12.904 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF136746.D
 Acq: 27 Dec 2023 05:18

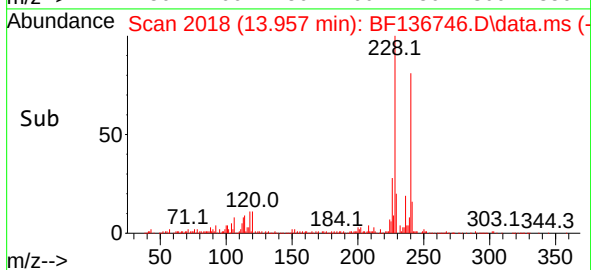
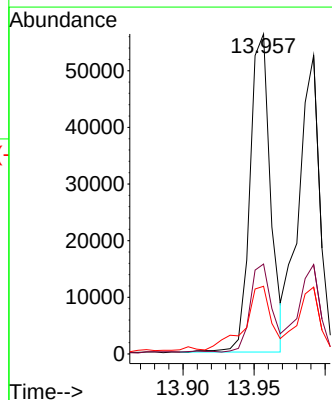
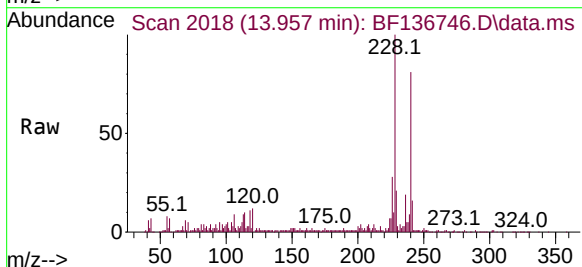
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-11162023

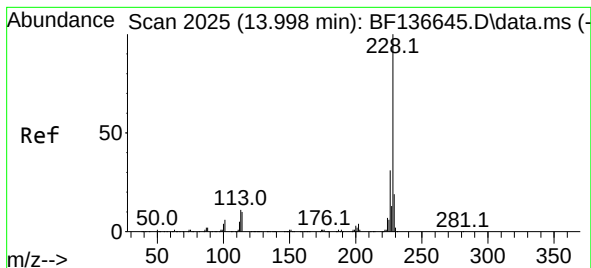
Tgt Ion:244 Resp: 558935
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.4
 122 11.8 9.0 13.4



#81
 Benzo(a)anthracene
 Concen: 7.425 ng
 RT: 13.957 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: BF136746.D
 Acq: 27 Dec 2023 05:18

Tgt Ion:228 Resp: 56258
 Ion Ratio Lower Upper
 228 100
 226 28.1 21.4 32.0
 229 21.1 14.9 22.3





#83

Chrysene

Concen: 7.380 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136746.D

Acq: 27 Dec 2023 05:18

Instrument :

BNA_F

ClientSampleId :

NB-08-11162023

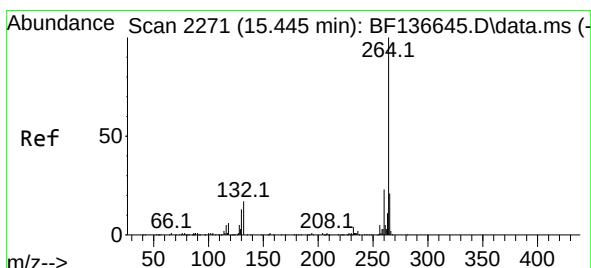
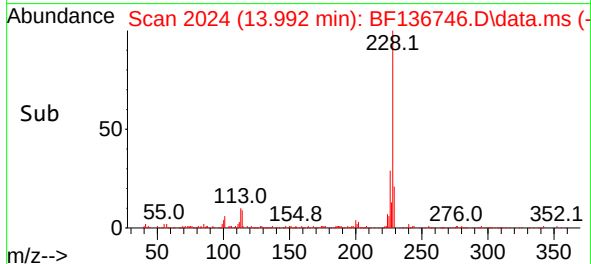
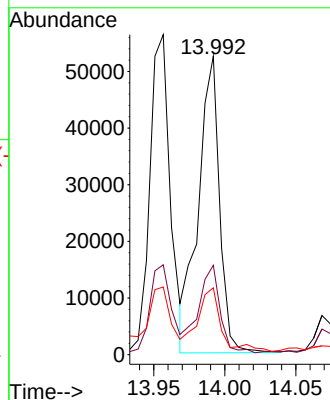
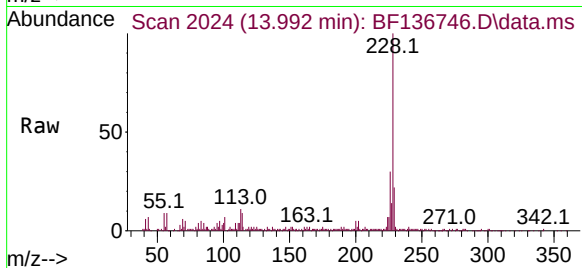
Tgt Ion:228 Resp: 54680

Ion Ratio Lower Upper

228 100

226 30.0 24.7 37.1

229 22.4 15.4 23.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2271

Delta R.T. 0.000 min

Lab File: BF136746.D

Acq: 27 Dec 2023 05:18

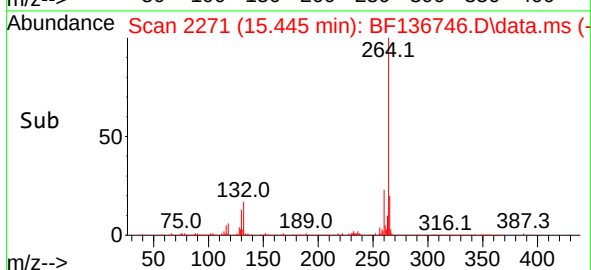
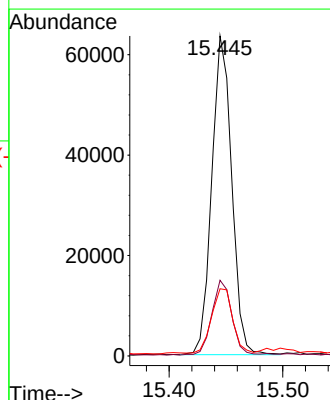
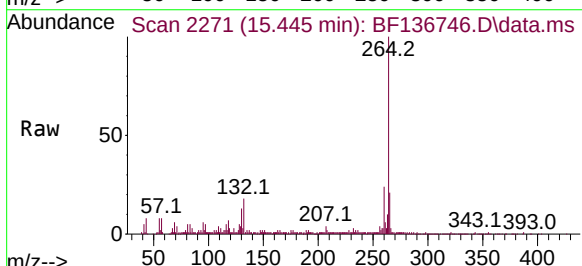
Tgt Ion:264 Resp: 77526

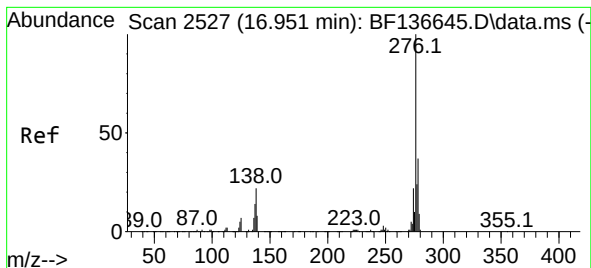
Ion Ratio Lower Upper

264 100

260 23.7 18.3 27.5

265 21.0 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.321 ng

RT: 16.951 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF136746.D

Acq: 27 Dec 2023 05:18

Instrument :

BNA_F

ClientSampleId :

NB-08-11162023

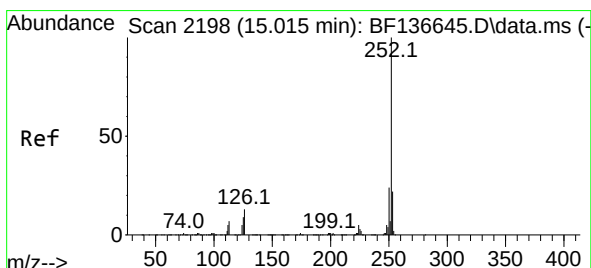
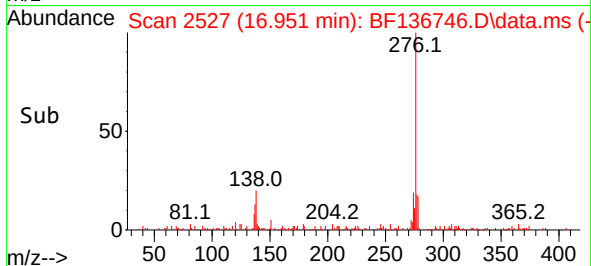
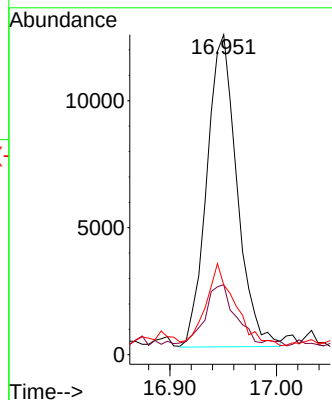
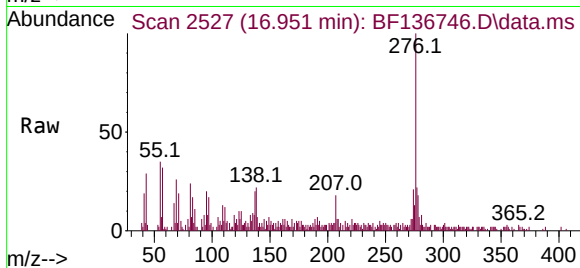
Tgt Ion:276 Resp: 24189

Ion Ratio Lower Upper

276 100

138 18.9 18.7 28.1

277 24.8 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 13.365 ng

RT: 15.015 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF136746.D

Acq: 27 Dec 2023 05:18

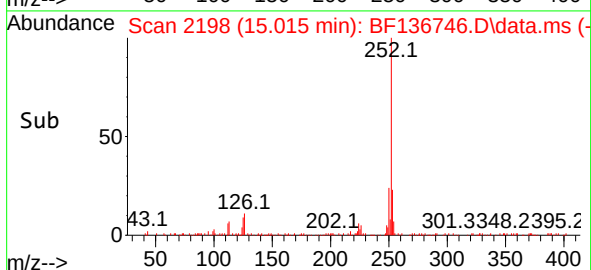
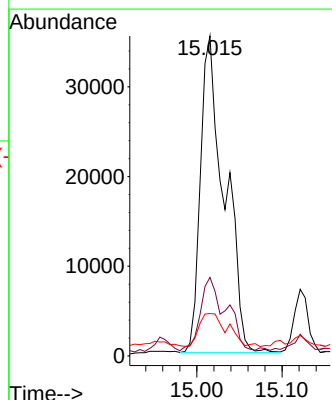
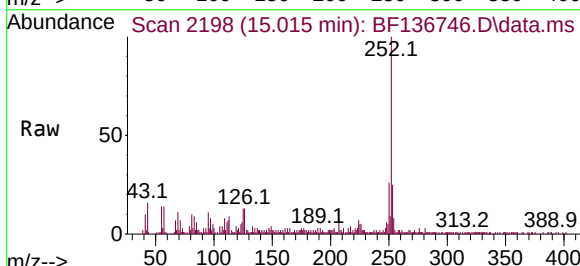
Tgt Ion:252 Resp: 69203

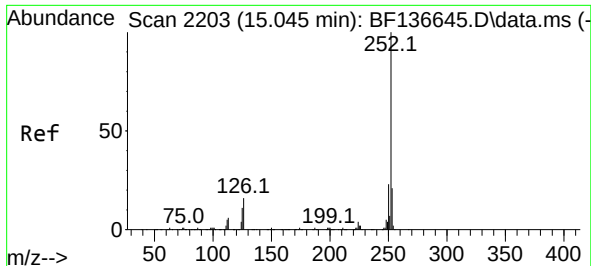
Ion Ratio Lower Upper

252 100

253 24.6 17.4 26.0

125 13.3 7.4 11.2#

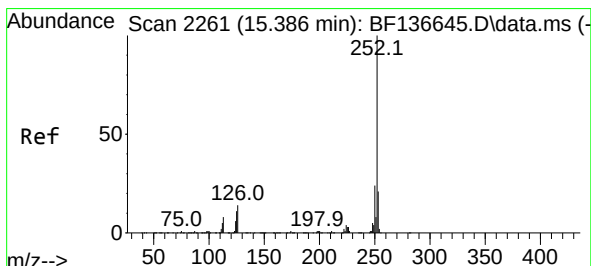
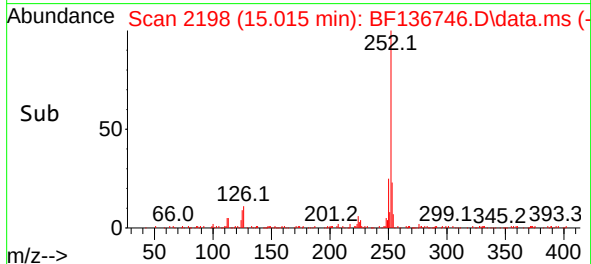
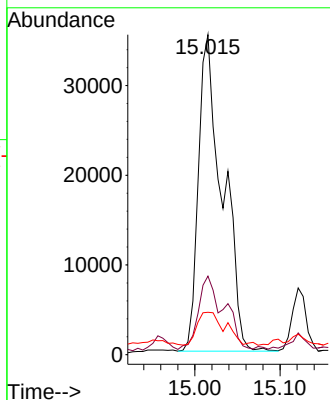
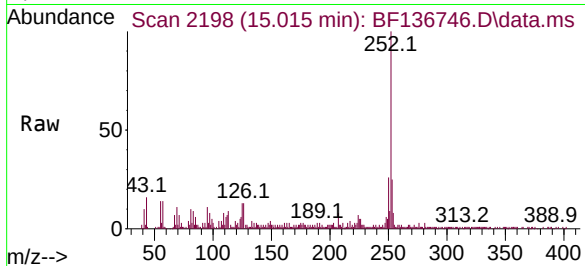




#89
Benzo(k)fluoranthene
Concen: 14.144 ng
RT: 15.015 min Scan# 21
Delta R.T. -0.029 min
Lab File: BF136746.D
Acq: 27 Dec 2023 05:18

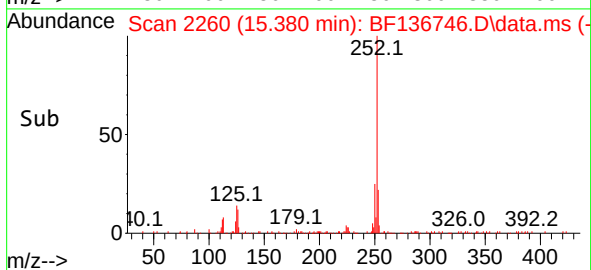
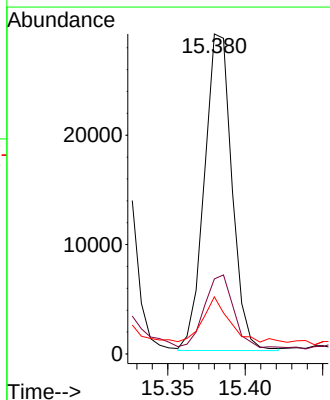
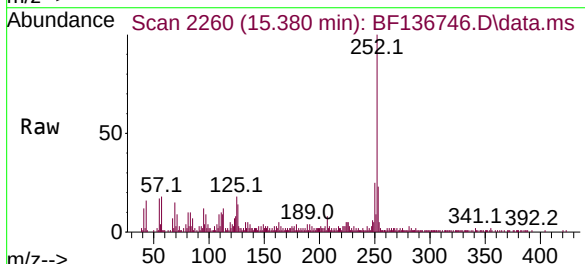
Instrument :
BNA_F
ClientSampleId :
NB-08-11162023

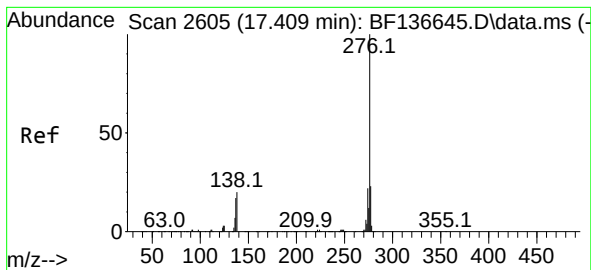
Tgt Ion:252 Resp: 69203
Ion Ratio Lower Upper
252 100
253 24.6 17.0 25.6
125 13.3 8.2 12.4#



#90
Benzo(a)pyrene
Concen: 8.208 ng
RT: 15.380 min Scan# 2260
Delta R.T. -0.006 min
Lab File: BF136746.D
Acq: 27 Dec 2023 05:18

Tgt Ion:252 Resp: 35876
Ion Ratio Lower Upper
252 100
253 23.5 17.0 25.6
125 17.8 8.8 13.2#





#92

Benzo(g,h,i)perylene

Concen: 5.100 ng

RT: 17.409 min Scan# 2

Delta R.T. 0.000 min

Lab File: BF136746.D

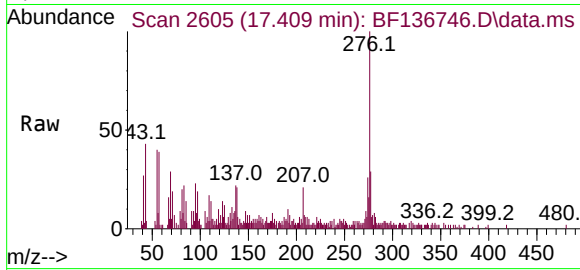
Acq: 27 Dec 2023 05:18

Instrument :

BNA_F

ClientSampleId :

NB-08-11162023



Tgt Ion:276 Resp: 23987

Ion Ratio Lower Upper

276 100

277 29.4 18.3 27.5#

138 20.9 15.6 23.4

