

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
 Data File : BF136960.D
 Acq On : 05 Jan 2024 01:28
 Operator : CG\JU
 Sample : P1004-01 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-01022024

Quant Time: Jan 05 03:54:35 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)

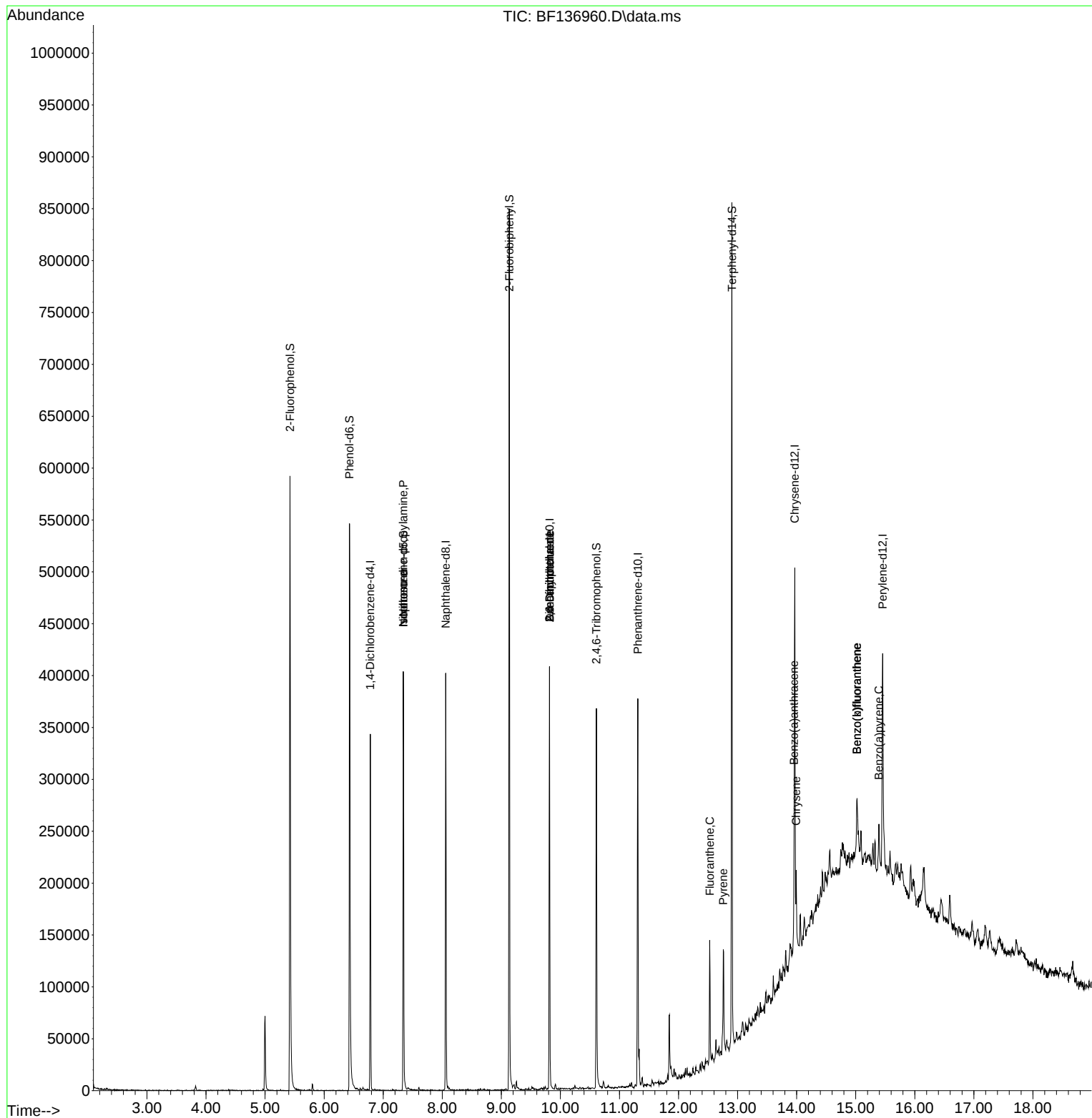
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	45590	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	164142	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	76418	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	137669	20.000	ng	0.00
76) Chrysene-d12	13.969	240	116771	20.000	ng	0.00
86) Perylene-d12	15.457	264	95138	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	167862	57.450	ng	0.00
7) Phenol-d6	6.428	99	203334	53.706	ng	-0.01
23) Nitrobenzene-d5	7.340	82	119591	37.282	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	47194	52.438	ng	-0.01
45) 2-Fluorobiphenyl	9.134	172	243864	42.921	ng	-0.02
79) Terphenyl-d14	12.904	244	264612	31.668	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.340	70	15153	6.602	ng	# 72
25) Isophorone	7.340	82	119590	20.489	ng	# 65
50) Dimethylphthalate	9.816	163	14517	2.601	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	9850	7.776	ng	# 28
57) 2,4-Dinitrotoluene	9.816	165	9850	5.990	ng	# 19
75) Fluoranthene	12.527	202	47896	6.339	ng	97
78) Pyrene	12.757	202	42061	3.669	ng	100
81) Benzo(a)anthracene	13.957	228	26351	3.250	ng	93
83) Chrysene	13.992	228	27910	3.520	ng	96
88) Benzo(b)fluoranthene	15.021	252	38348	6.035	ng	# 75
89) Benzo(k)fluoranthene	15.021	252	38348	6.387	ng	# 76
90) Benzo(a)pyrene	15.392	252	14570	2.716	ng	# 77

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

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Quant Time: Jan 05 03:54:35 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
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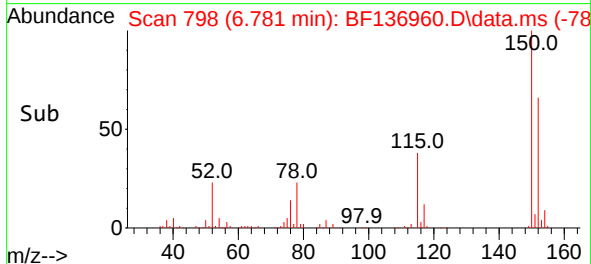
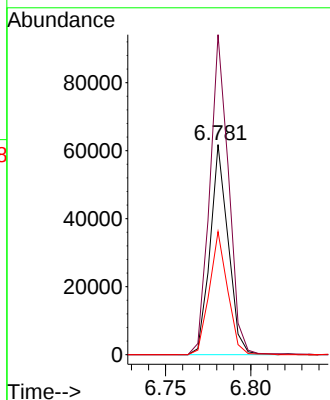
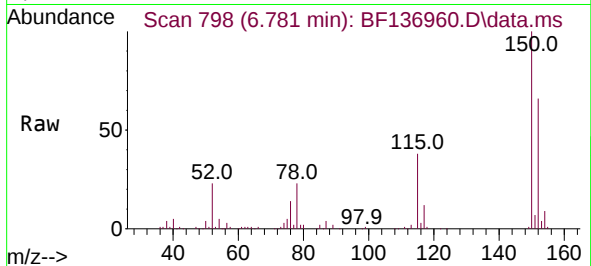




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136960.D
Acq: 05 Jan 2024 01:28

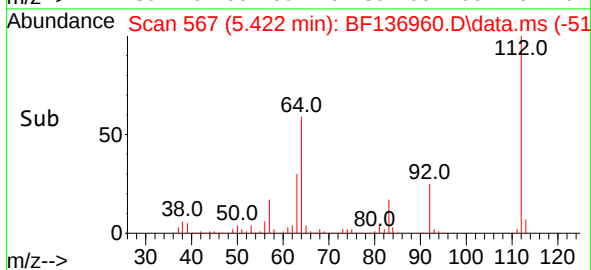
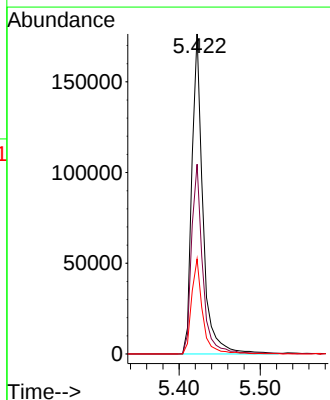
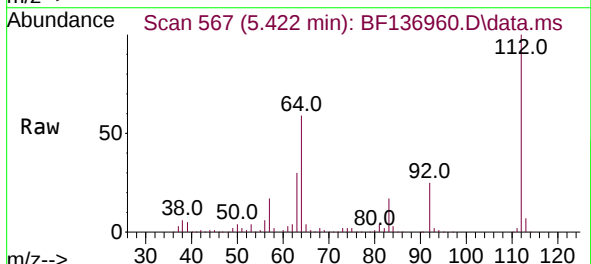
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024

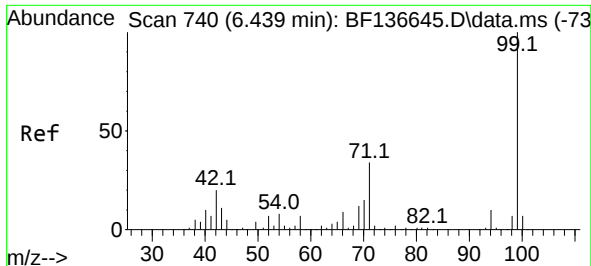
Tgt Ion:152 Resp: 45590
Ion Ratio Lower Upper
152 100
150 152.4 127.0 190.6
115 58.6 49.0 73.4



#5
2-Fluorophenol
Concen: 57.450 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF136960.D
Acq: 05 Jan 2024 01:28

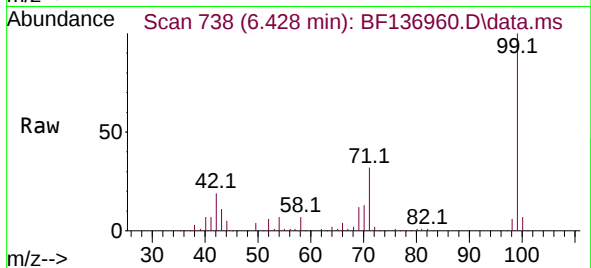
Tgt Ion:112 Resp: 167862
Ion Ratio Lower Upper
112 100
64 59.3 51.1 76.7
63 29.7 26.1 39.1



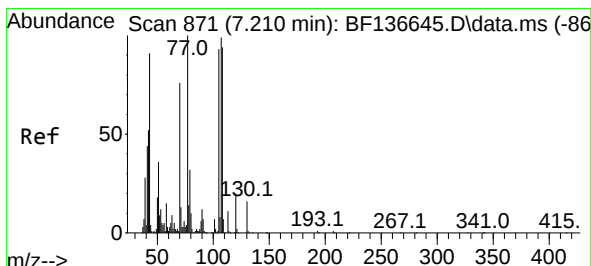
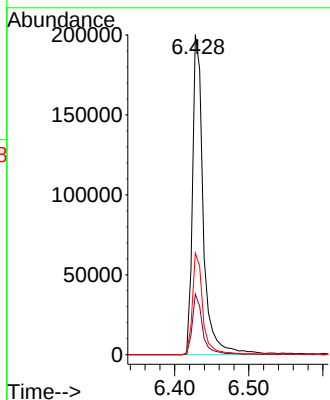
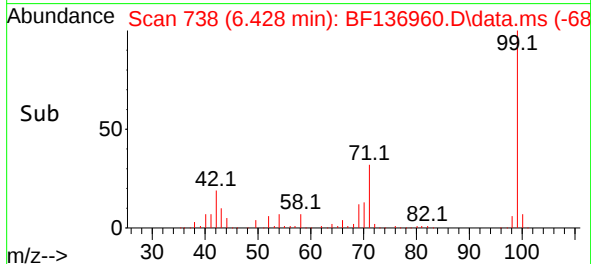


#7
Phenol-d6
Concen: 53.706 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136960.D
Acq: 05 Jan 2024 01:28

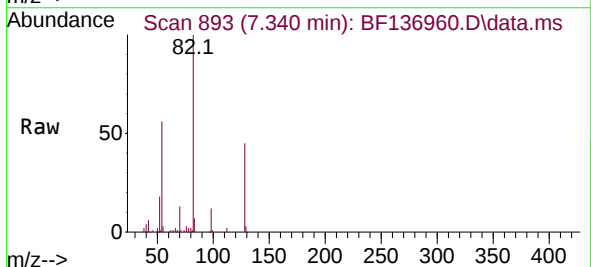
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024



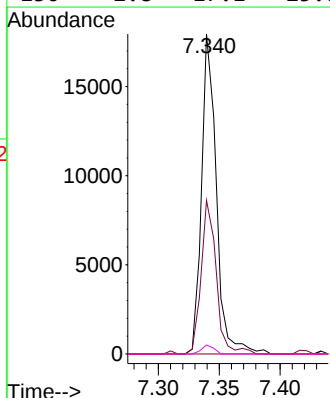
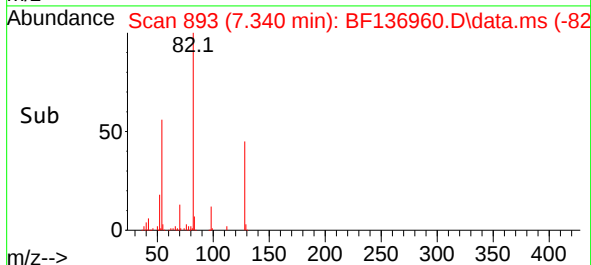
Tgt Ion: 99 Resp: 203334
Ion Ratio Lower Upper
99 100
42 19.0 16.1 24.1
71 31.8 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 6.602 ng
RT: 7.340 min Scan# 893
Delta R.T. 0.130 min
Lab File: BF136960.D
Acq: 05 Jan 2024 01:28



Tgt Ion: 70 Resp: 15153
Ion Ratio Lower Upper
70 100
42 48.0 54.2 81.4#
101 0.0 7.6 11.4#
130 2.8 17.1 25.7#



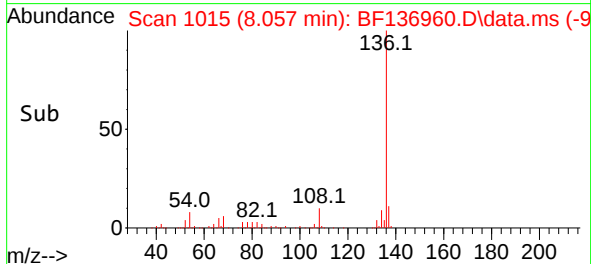
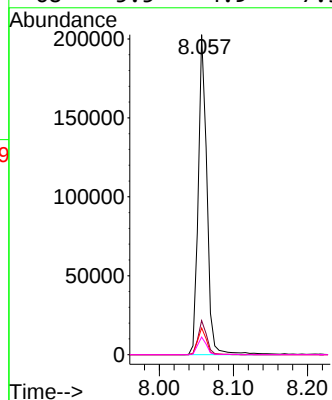
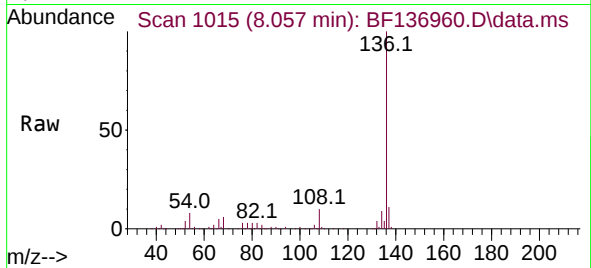


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136960.D
Acq: 05 Jan 2024 01:28

Instrument :
BNA_F
ClientSampleId :
SU-04-01022024

Tgt Ion:136 Resp: 164142

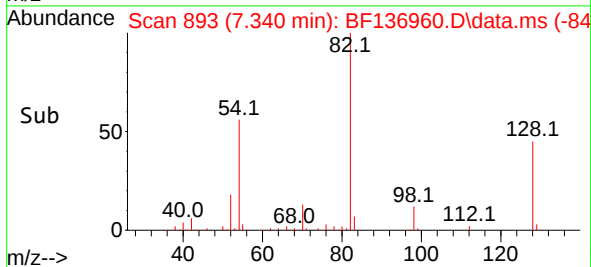
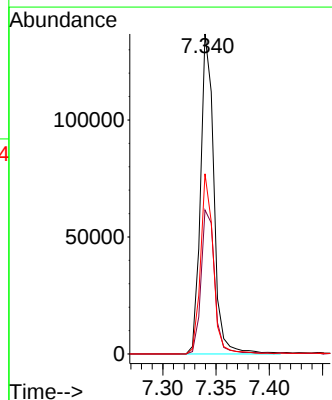
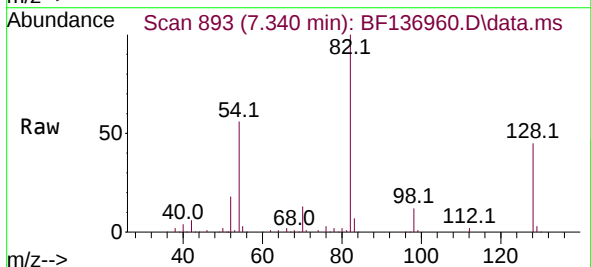
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	8.3	7.2	10.8
68	5.5	4.9	7.3



#23
Nitrobenzene-d5
Concen: 37.282 ng
RT: 7.340 min Scan# 893
Delta R.T. -0.017 min
Lab File: BF136960.D
Acq: 05 Jan 2024 01:28

Tgt Ion: 82 Resp: 119591

Ion	Ratio	Lower	Upper
82	100		
128	45.0	35.3	52.9
54	56.3	44.5	66.7

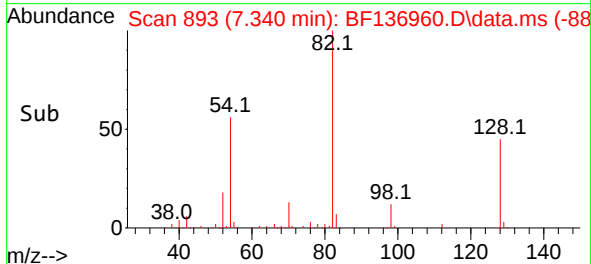
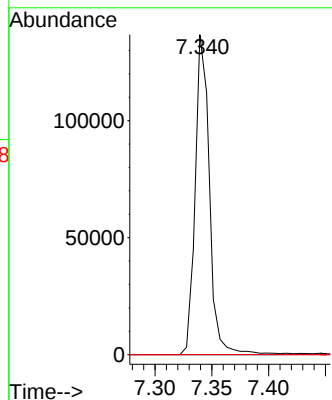
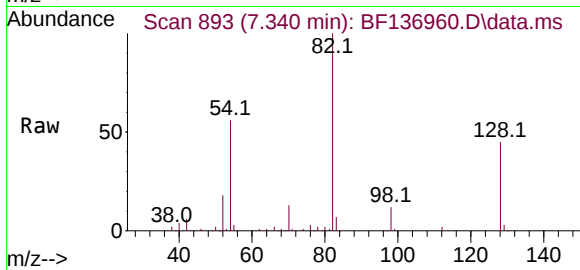




#25
Isophorone
Concen: 20.489 ng
RT: 7.340 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF136960.D
Acq: 05 Jan 2024 01:28

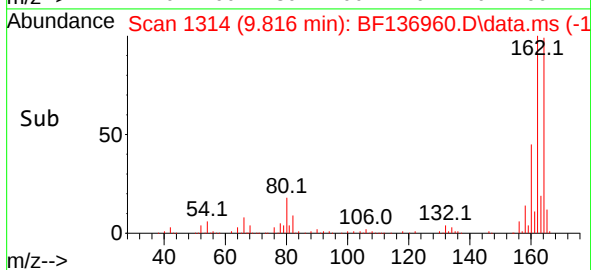
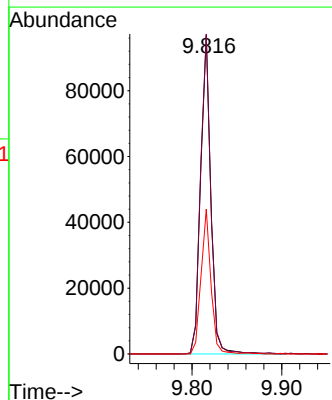
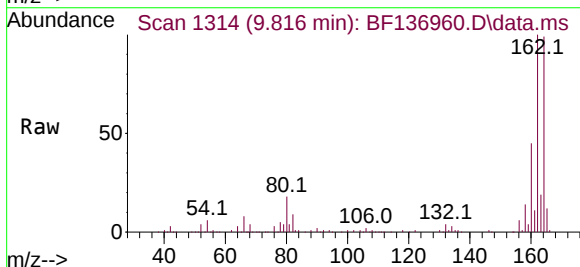
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024

Tgt Ion: 82 Resp: 119590
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: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136960.D
Acq: 05 Jan 2024 01:28

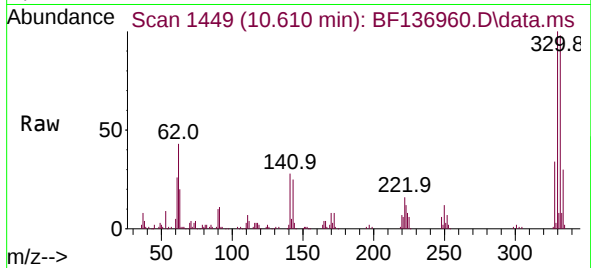
Tgt Ion:164 Resp: 76418
Ion Ratio Lower Upper
164 100
162 100.5 81.6 122.4
160 45.5 34.9 52.3



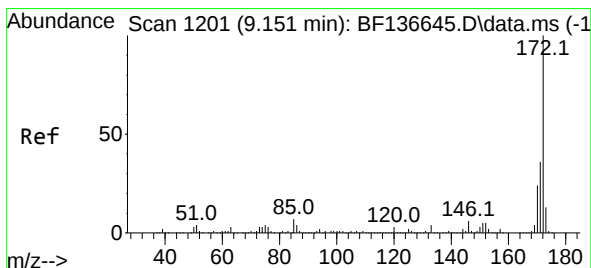
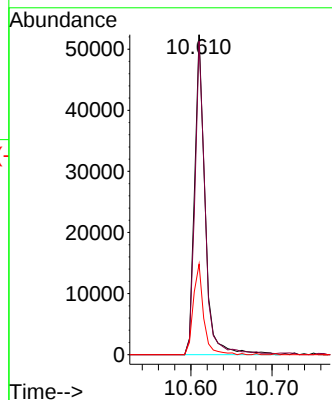
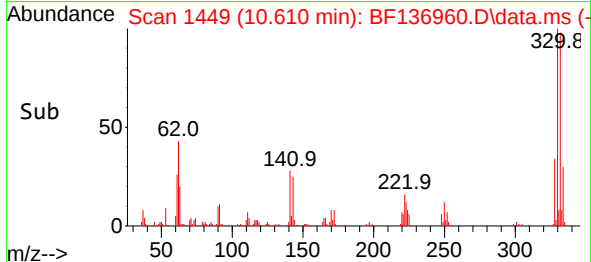


#42
2,4,6-Tribromophenol
Concen: 52.438 ng
RT: 10.610 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF136960.D
Acq: 05 Jan 2024 01:28

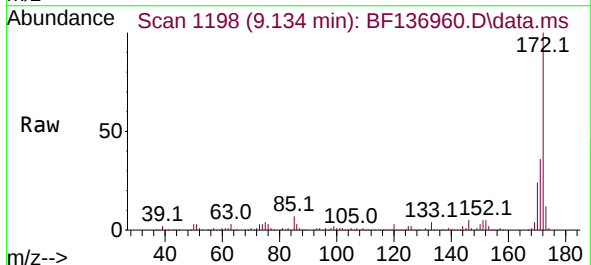
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024



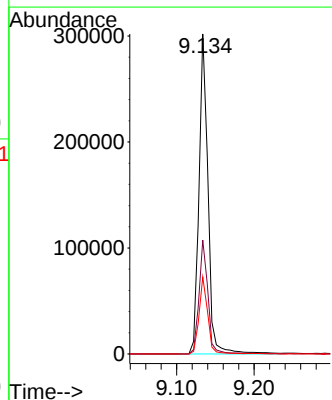
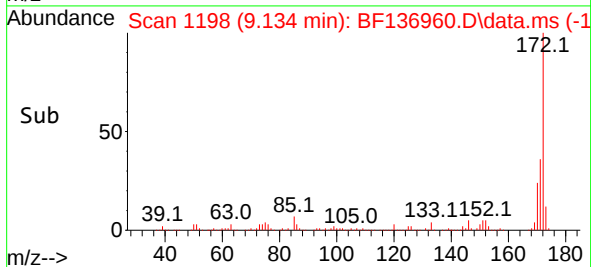
Tgt Ion:330 Resp: 47194
Ion Ratio Lower Upper
330 100
332 96.3 77.4 116.0
141 27.9 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 42.921 ng
RT: 9.134 min Scan# 1198
Delta R.T. -0.017 min
Lab File: BF136960.D
Acq: 05 Jan 2024 01:28



Tgt Ion:172 Resp: 243864
Ion Ratio Lower Upper
172 100
171 35.6 29.0 43.6
170 24.0 19.0 28.4

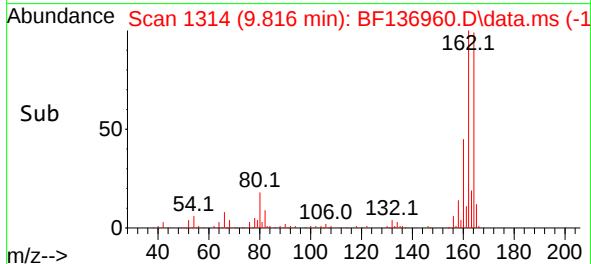
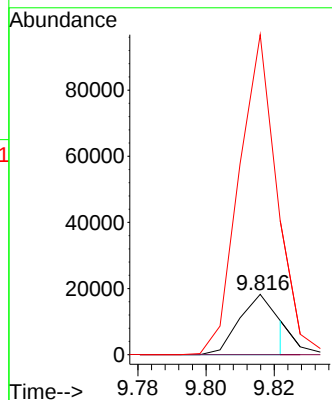
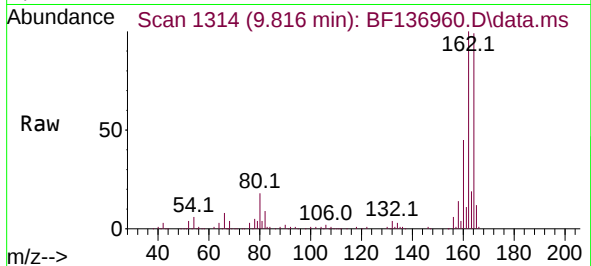




#50
Dimethylphthalate
Concen: 2.601 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF136960.D
Acq: 05 Jan 2024 01:28

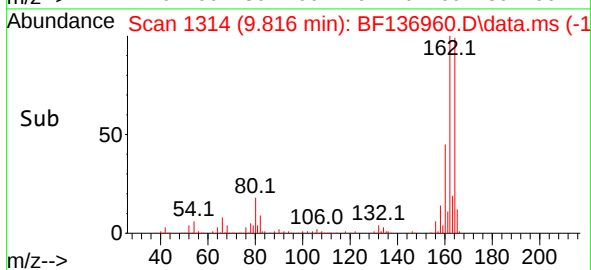
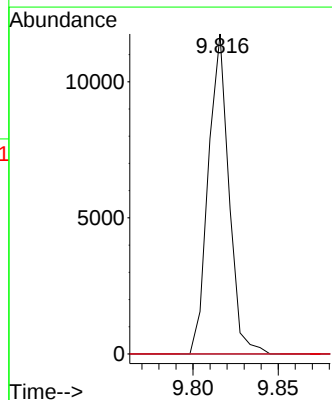
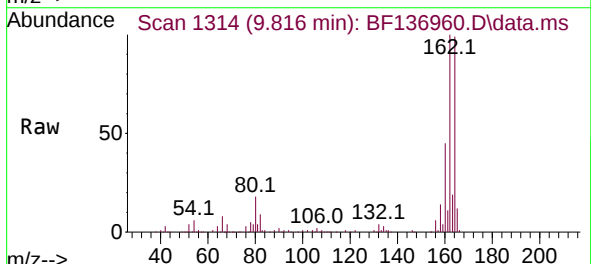
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024

Tgt Ion:163 Resp: 14517
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 530.8 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.776 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136960.D
Acq: 05 Jan 2024 01:28

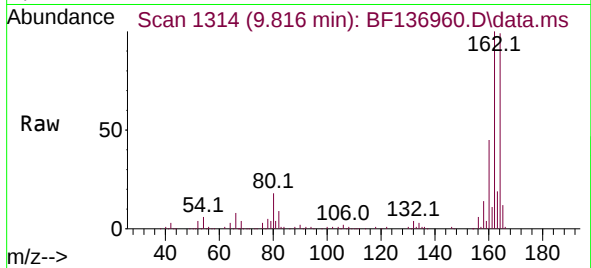
Tgt Ion:165 Resp: 9850
Ion Ratio Lower Upper
165 100
63 0.0 39.8 59.6#
89 0.0 38.8 58.2#



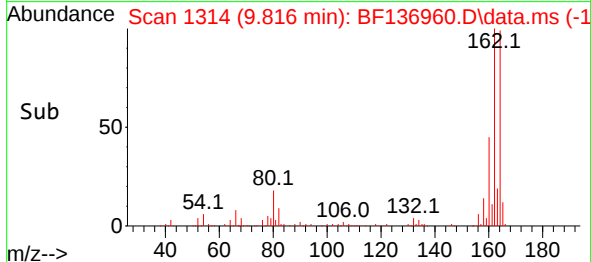
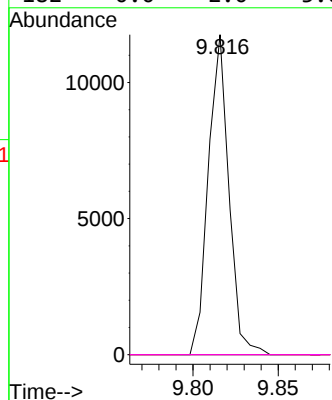


#57
2,4-Dinitrotoluene
Concen: 5.990 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136960.D
Acq: 05 Jan 2024 01:28

Instrument :
BNA_F
ClientSampleId :
SU-04-01022024

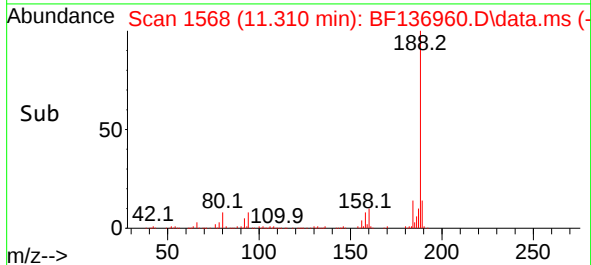
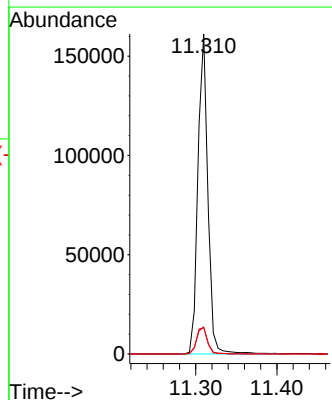
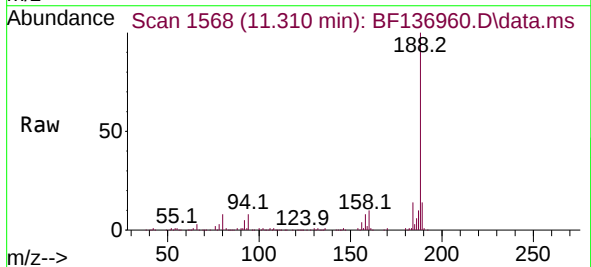


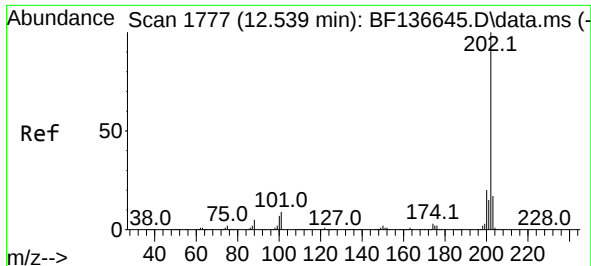
Tgt Ion:165 Resp: 9850
Ion Ratio Lower Upper
165 100
63 0.0 41.0 61.6#
89 0.0 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136960.D
Acq: 05 Jan 2024 01:28

Tgt Ion:188 Resp: 137669
Ion Ratio Lower Upper
188 100
94 8.4 7.5 11.3
80 8.2 8.1 12.1

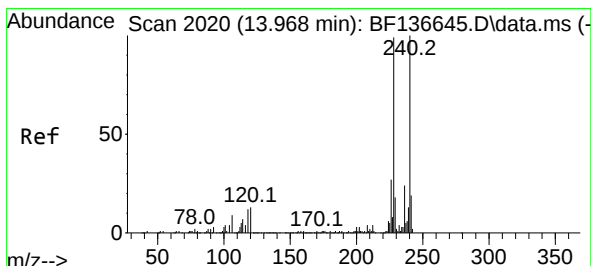
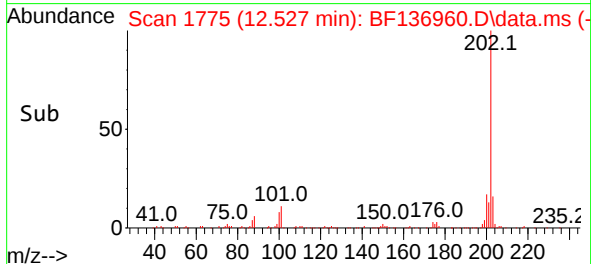
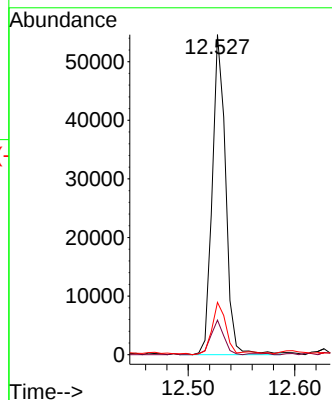
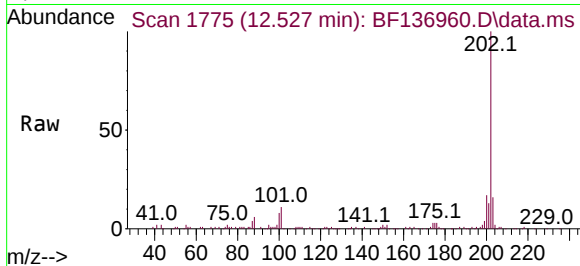




#75
Fluoranthene
Concen: 6.339 ng
RT: 12.527 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136960.D
Acq: 05 Jan 2024 01:28

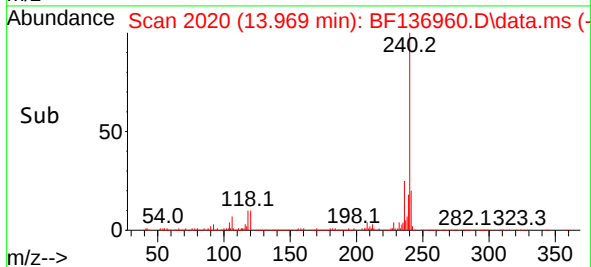
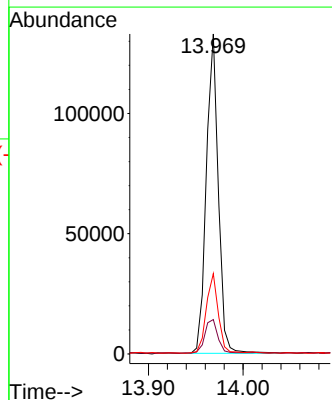
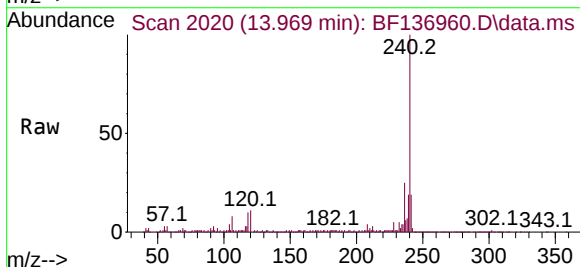
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024

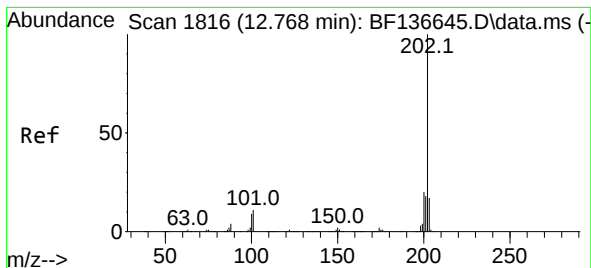
Tgt Ion:202 Resp: 47896
Ion Ratio Lower Upper
202 100
101 10.8 0.0 29.3
203 16.4 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136960.D
Acq: 05 Jan 2024 01:28

Tgt Ion:240 Resp: 116771
Ion Ratio Lower Upper
240 100
120 10.8 10.3 15.5
236 25.1 19.4 29.2





#78

Pyrene

Concen: 3.669 ng

RT: 12.757 min Scan# 1814

Delta R.T. -0.012 min

Lab File: BF136960.D

Acq: 05 Jan 2024 01:28

Instrument :

BNA_F

ClientSampleId :

SU-04-01022024

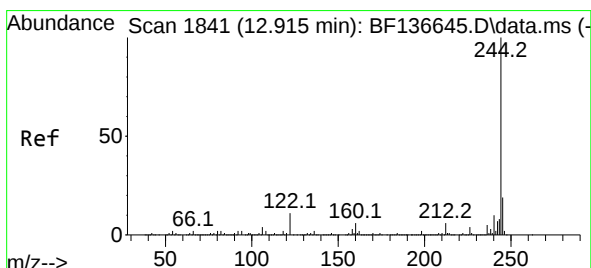
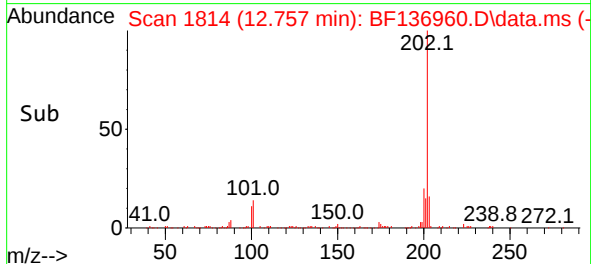
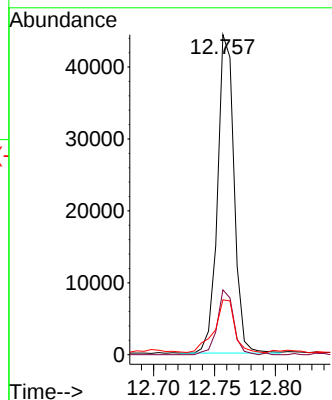
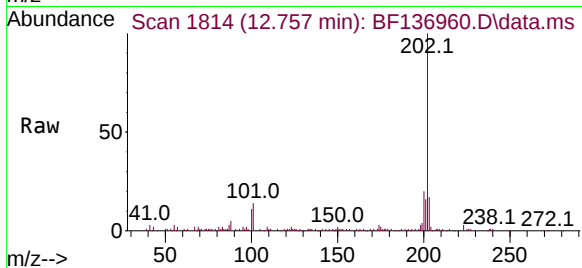
Tgt Ion:202 Resp: 42061

Ion Ratio Lower Upper

202 100

200 20.3 15.9 23.9

203 17.2 13.8 20.6



#79

Terphenyl-d14

Concen: 31.668 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

Lab File: BF136960.D

Acq: 05 Jan 2024 01:28

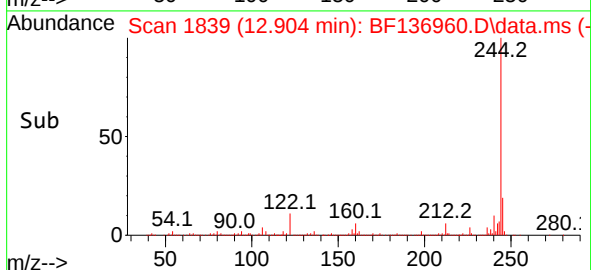
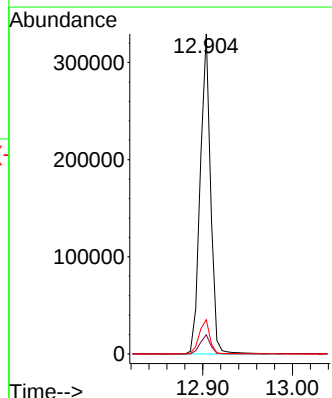
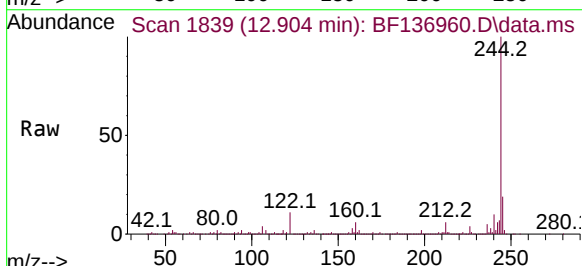
Tgt Ion:244 Resp: 264612

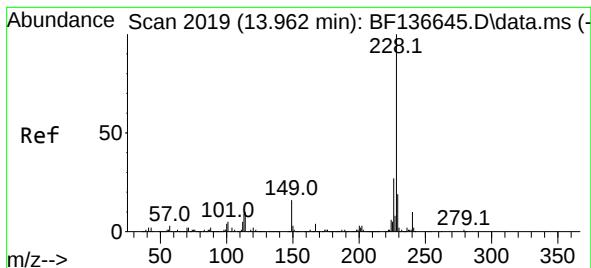
Ion Ratio Lower Upper

244 100

212 6.0 5.0 7.4

122 10.7 9.0 13.4





#81

Benzo(a)anthracene

Concen: 3.250 ng

RT: 13.957 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136960.D

Acq: 05 Jan 2024 01:28

Instrument :

BNA_F

ClientSampleId :

SU-04-01022024

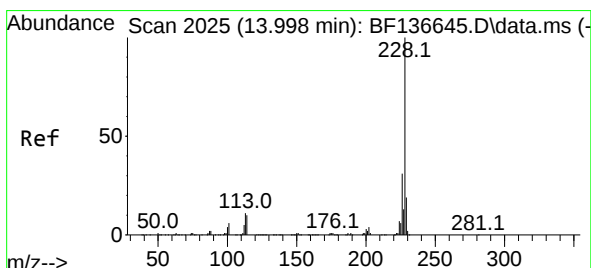
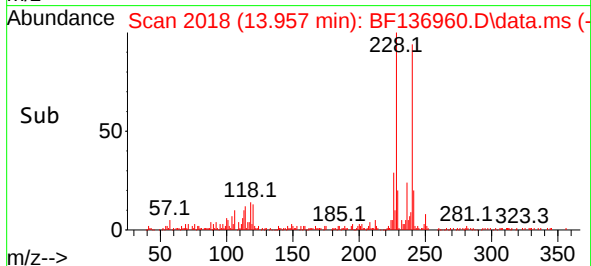
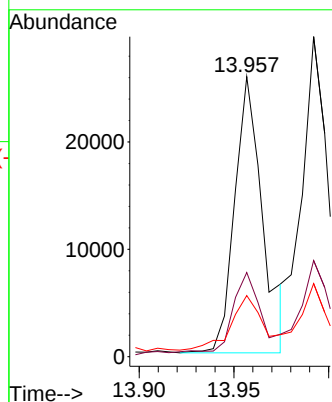
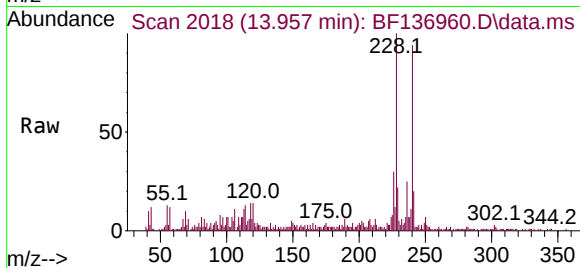
Tgt Ion:228 Resp: 26351

Ion Ratio Lower Upper

228 100

226 30.1 21.4 32.0

229 21.8 14.9 22.3



#83

Chrysene

Concen: 3.520 ng

RT: 13.992 min Scan# 2024

Delta R.T. -0.006 min

Lab File: BF136960.D

Acq: 05 Jan 2024 01:28

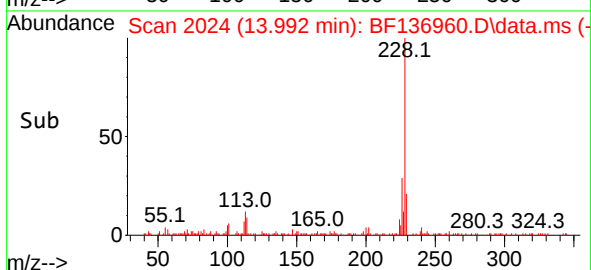
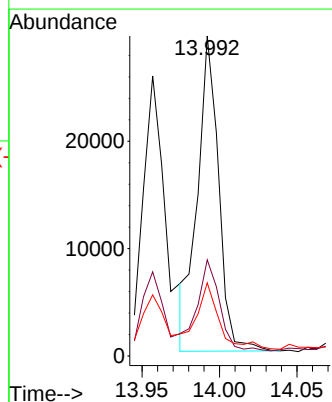
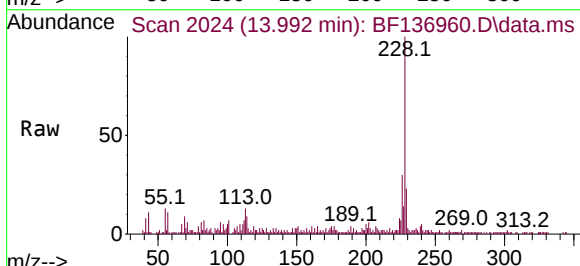
Tgt Ion:228 Resp: 27910

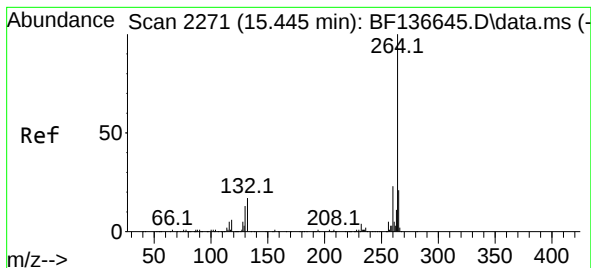
Ion Ratio Lower Upper

228 100

226 30.1 24.7 37.1

229 22.8 15.4 23.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2199

Delta R.T. 0.012 min

Lab File: BF136960.D

Acq: 05 Jan 2024 01:28

Instrument :

BNA_F

ClientSampleId :

SU-04-01022024

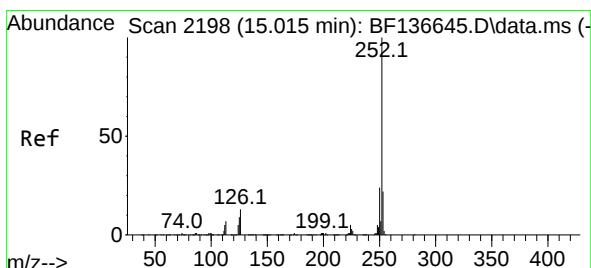
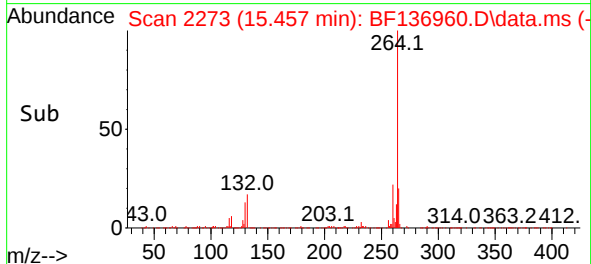
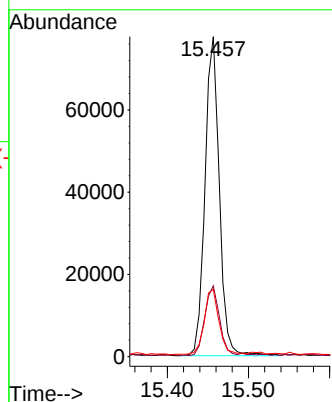
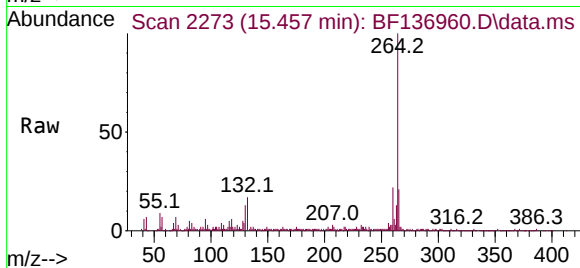
Tgt Ion:264 Resp: 95138

Ion Ratio Lower Upper

264 100

260 22.2 18.3 27.5

265 21.0 17.0 25.6



#88

Benzo(b)fluoranthene

Concen: 6.035 ng

RT: 15.021 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF136960.D

Acq: 05 Jan 2024 01:28

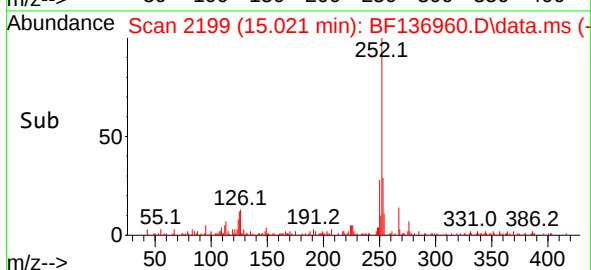
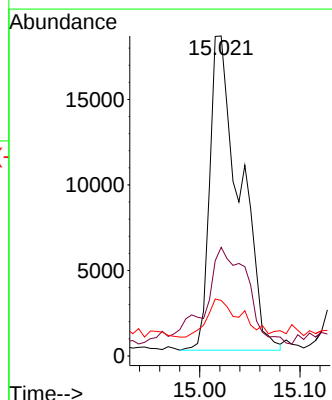
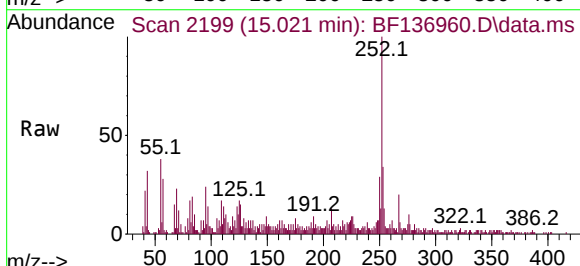
Tgt Ion:252 Resp: 38348

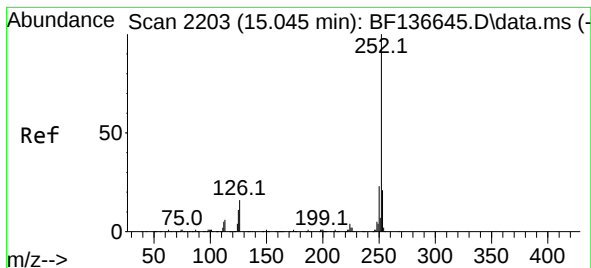
Ion Ratio Lower Upper

252 100

253 34.0 17.4 26.0#

125 17.4 7.4 11.2#





#89

Benzo(k)fluoranthene

Concen: 6.387 ng

RT: 15.021 min Scan# 2199

Delta R.T. -0.023 min

Lab File: BF136960.D

Acq: 05 Jan 2024 01:28

Instrument :

BNA_F

ClientSampleId :

SU-04-01022024

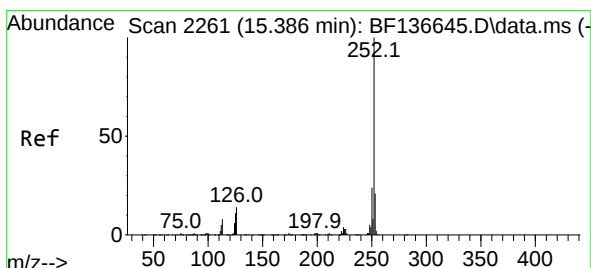
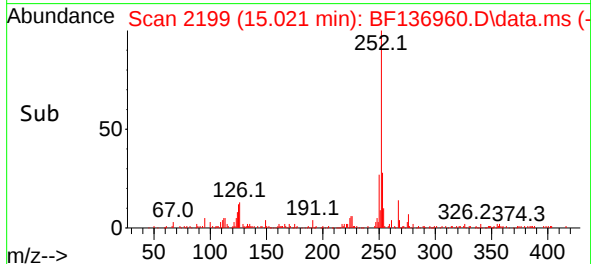
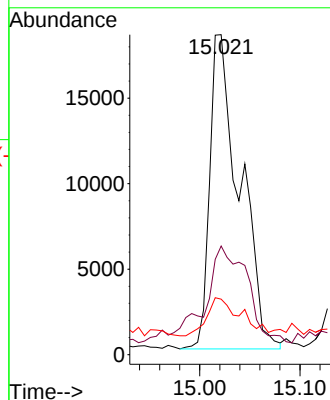
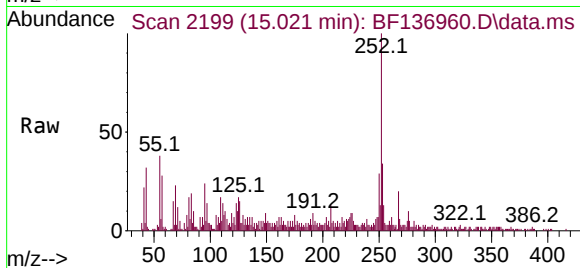
Tgt Ion:252 Resp: 38348

Ion Ratio Lower Upper

252 100

253 34.0 17.0 25.6#

125 17.4 8.2 12.4#



#90

Benzo(a)pyrene

Concen: 2.716 ng

RT: 15.392 min Scan# 2262

Delta R.T. 0.006 min

Lab File: BF136960.D

Acq: 05 Jan 2024 01:28

Tgt Ion:252 Resp: 14570

Ion Ratio Lower Upper

252 100

253 29.5 17.0 25.6#

125 24.2 8.8 13.2#

