

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
 Data File : BF136428.D
 Acq On : 06 Dec 2023 15:05
 Operator : CG\JU
 Sample : 05598-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 06 15:56:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

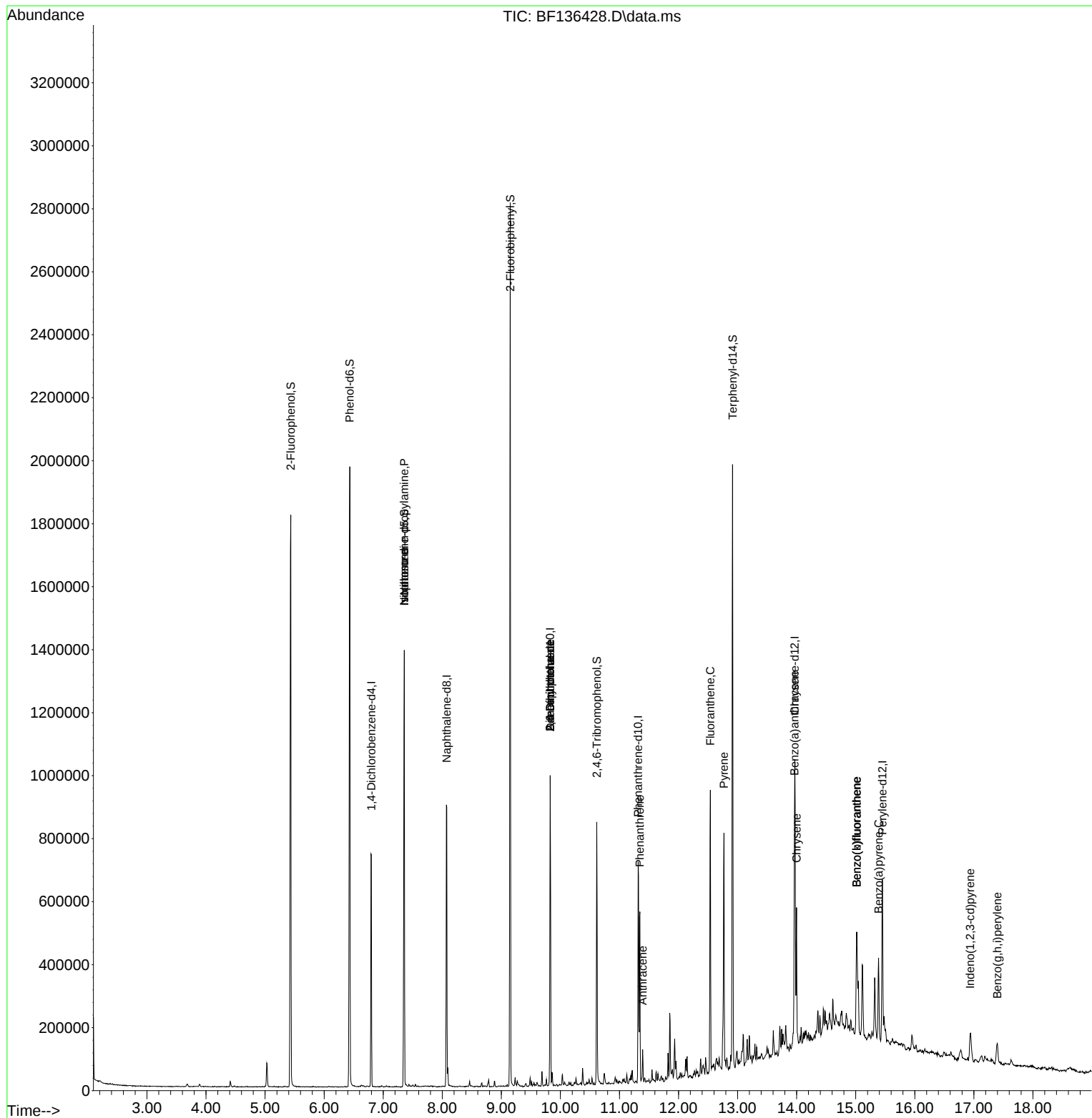
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

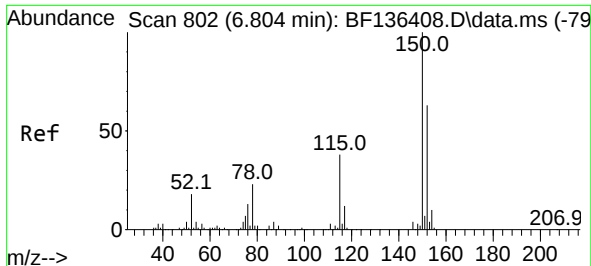
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	114068	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	422583	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	182852	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	268106	20.000	ng	-0.01
76) Chrysene-d12	13.969	240	238998	20.000	ng	#-0.01
86) Perylene-d12	15.451	264	231719	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	527880	68.344	ng	0.00
7) Phenol-d6	6.434	99	722533	74.977	ng	-0.01
23) Nitrobenzene-d5	7.357	82	434255	55.554	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	98814	43.828	ng	-0.02
45) 2-Fluorobiphenyl	9.151	172</				

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
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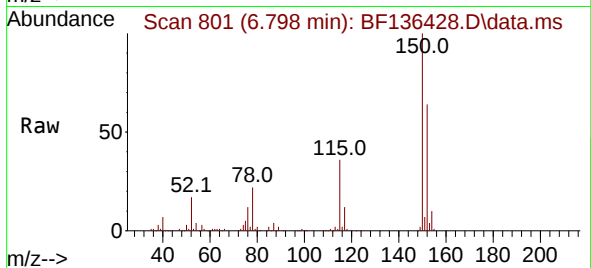
Quant Time: Dec 06 15:56:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 09:40:27 2023
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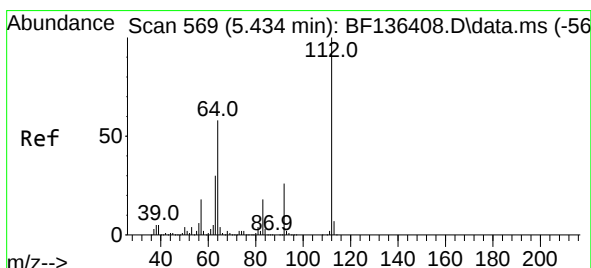
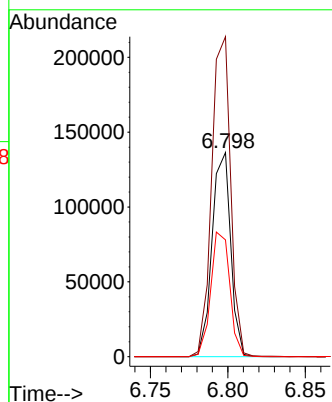
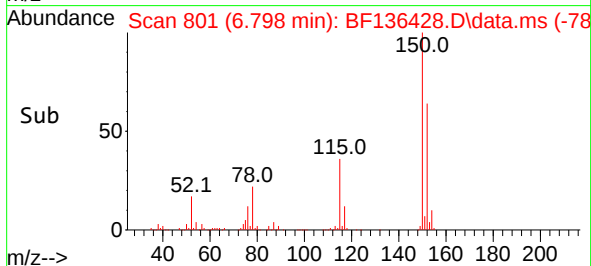


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF136428.D
Acq: 06 Dec 2023 15:05

Instrument :
BNA_F
ClientSampleId :

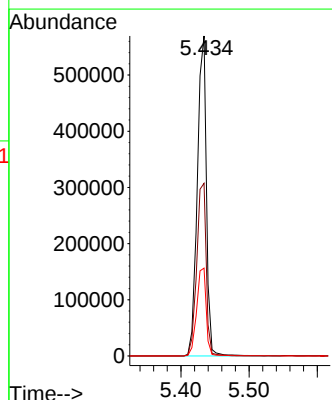
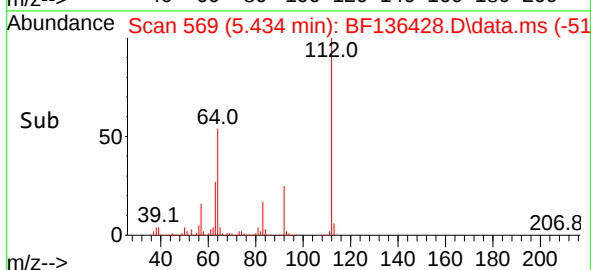
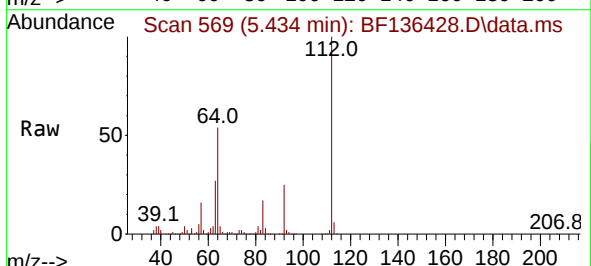


Tgt Ion:152 Resp: 114068
Ion Ratio Lower Upper
152 100
150 156.7 126.4 189.6
115 57.2 48.2 72.4



#5
2-Fluorophenol
Concen: 68.344 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.000 min
Lab File: BF136428.D
Acq: 06 Dec 2023 15:05

Tgt Ion:112 Resp: 527880
Ion Ratio Lower Upper
112 100
64 53.9 46.5 69.7
63 27.4 23.9 35.9

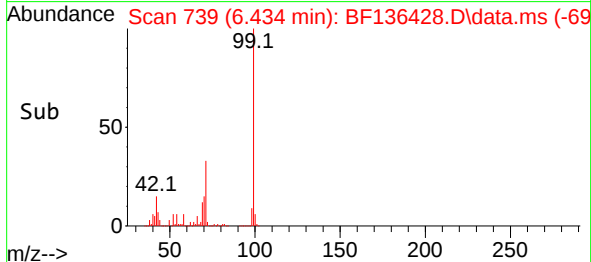
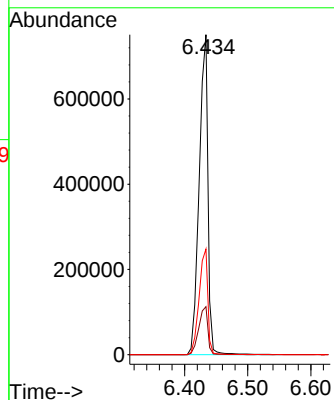
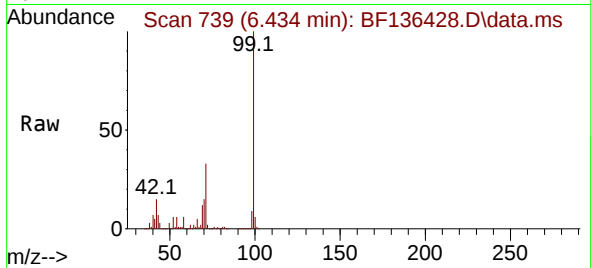




#7
Phenol-d6
Concen: 74.977 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136428.D
Acq: 06 Dec 2023 15:05

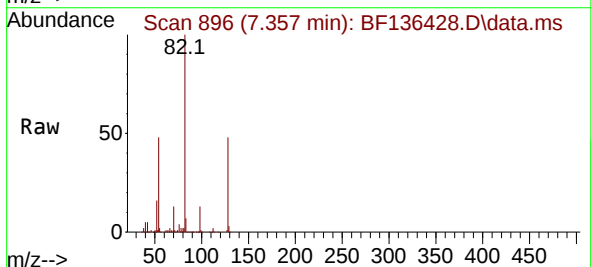
Instrument :
BNA_F
ClientSampleId :

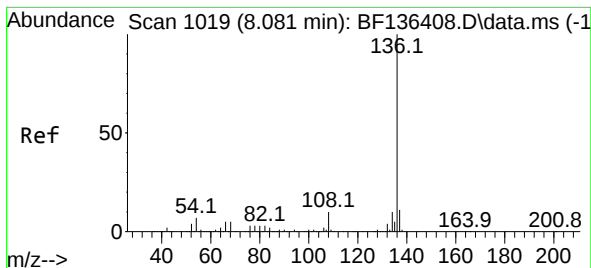
Tgt Ion: 99 Resp: 722533
Ion Ratio Lower Upper
99 100
42 15.0 12.8 19.2
71 33.0 27.0 40.4



#19
n-Nitroso-di-n-propylamine
Concen: 10.368 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.135 min
Lab File: BF136428.D
Acq: 06 Dec 2023 15:05

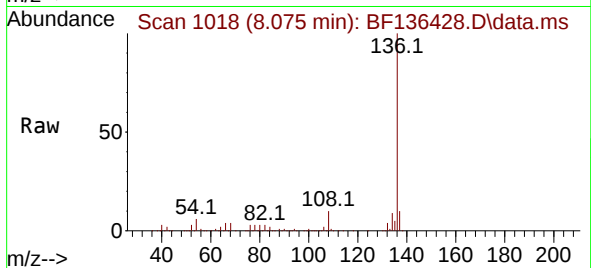
Tgt Ion: 70 Resp: 57638
Ion Ratio Lower Upper
70 100
42 41.0 41.4 62.0#
101 0.0 8.2 12.4#
130 2.2 18.6 28.0#



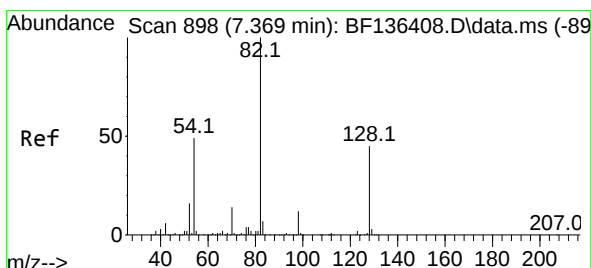
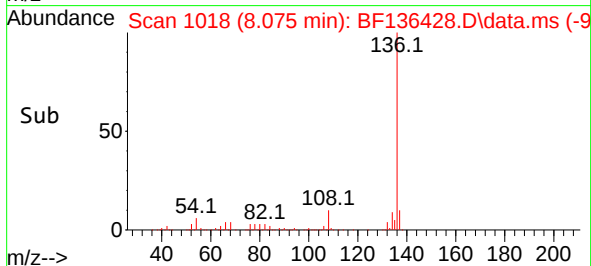
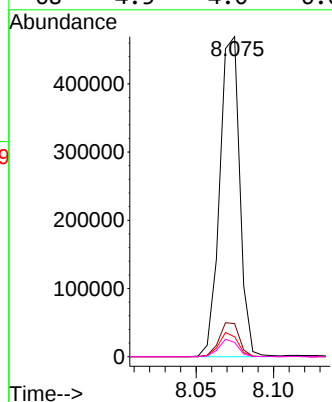


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136428.D
Acq: 06 Dec 2023 15:05

Instrument :
BNA_F
ClientSampleId :

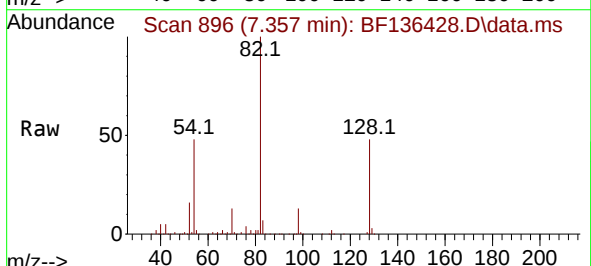


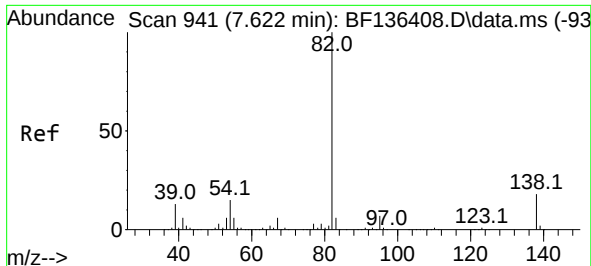
Tgt Ion:136	Resp: 422583		
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.6	12.8
54	6.2	5.7	8.5
68	4.5	4.0	6.0



#23
Nitrobenzene-d5
Concen: 55.554 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF136428.D
Acq: 06 Dec 2023 15:05

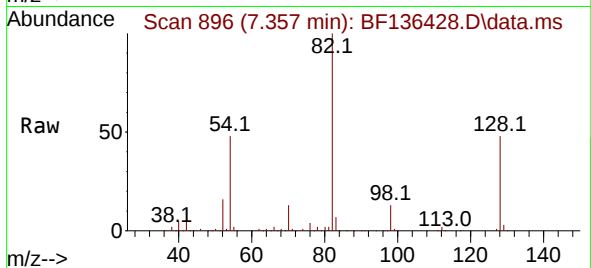
Tgt Ion: 82	Resp: 434255		
Ion	Ratio	Lower	Upper
82	100		
128	47.8	36.3	54.5
54	48.5	39.0	58.6



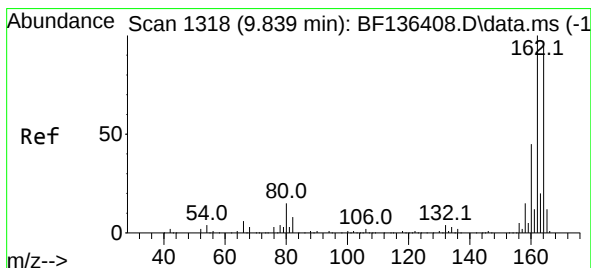
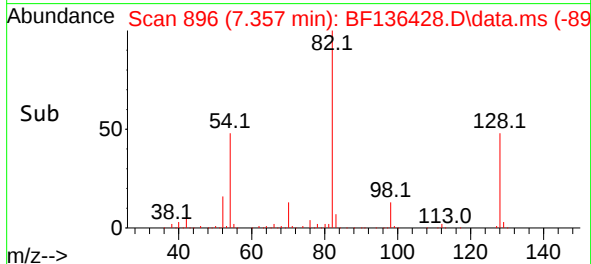
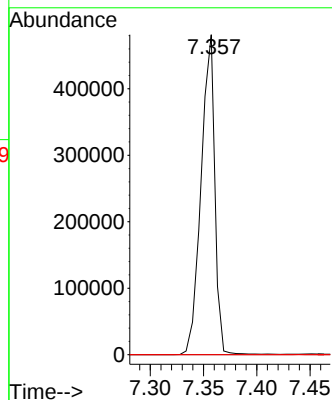


#25
Isophorone
Concen: 30.803 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF136428.D
Acq: 06 Dec 2023 15:05

Instrument :
BNA_F
ClientSampleId :

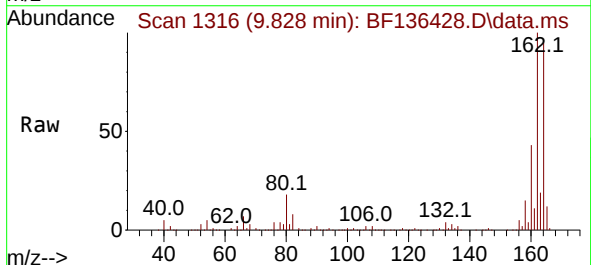


Tgt Ion: 82 Resp: 432597
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF136428.D
Acq: 06 Dec 2023 15:05

Tgt Ion: 164 Resp: 182852
Ion Ratio Lower Upper
164 100
162 105.1 84.4 126.6
160 45.4 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 43.828 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.018 min

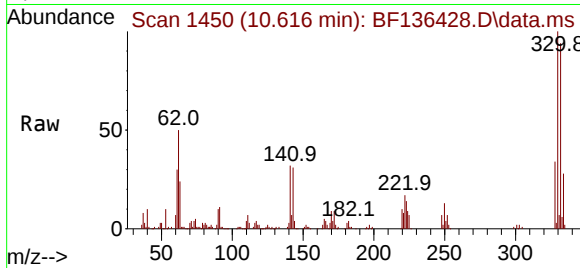
Lab File: BF136428.D

Acq: 06 Dec 2023 15:05

Instrument :

BNA_F

ClientSampleId :



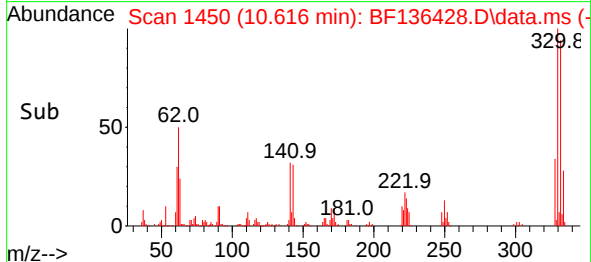
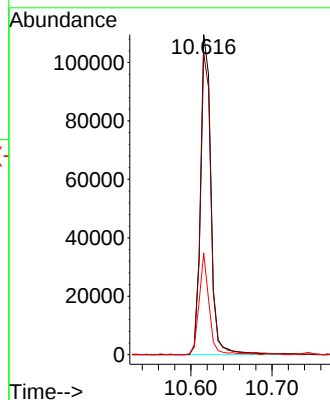
Tgt Ion:330 Resp: 98814

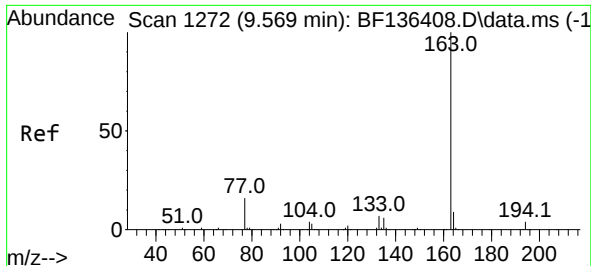
Ion Ratio Lower Upper

330 100

332 95.6 76.4 114.6

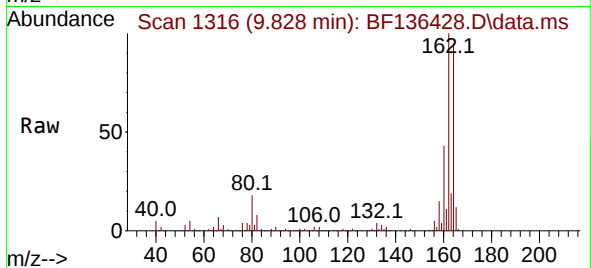
141 30.1 23.4 35.2



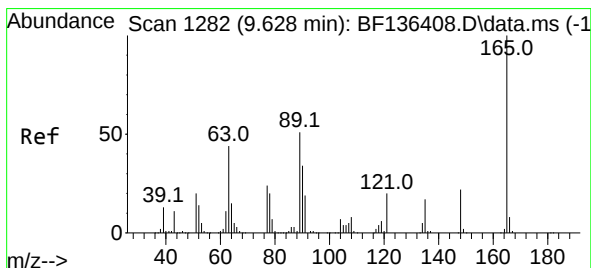
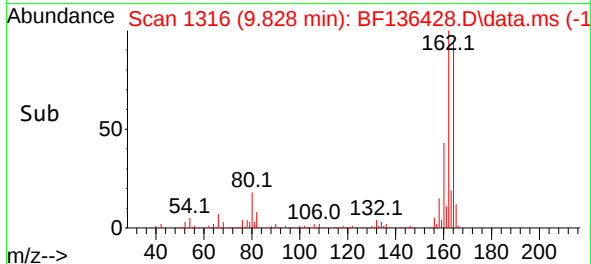
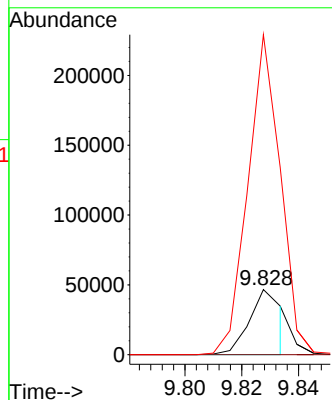


#50
Dimethylphthalate
Concen: 2.748 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.259 min
Lab File: BF136428.D
Acq: 06 Dec 2023 15:05

Instrument :
BNA_F
ClientSampleId :

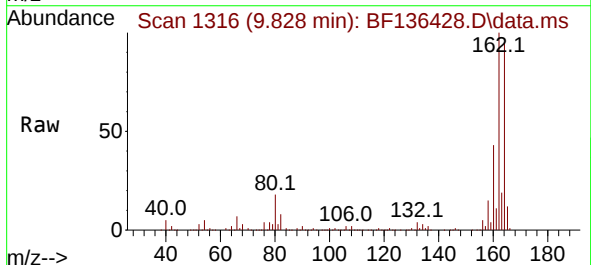


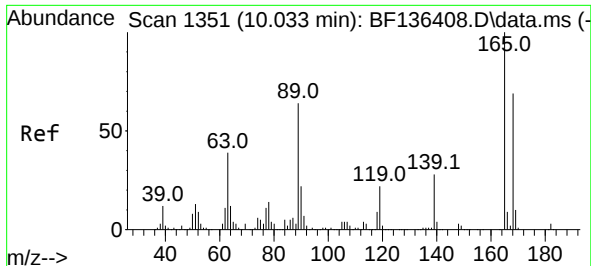
Tgt Ion:163 Resp: 36996
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 491.9 7.4 11.2#



#51
2,6-Dinitrotoluene
Concen: 7.890 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.200 min
Lab File: BF136428.D
Acq: 06 Dec 2023 15:05

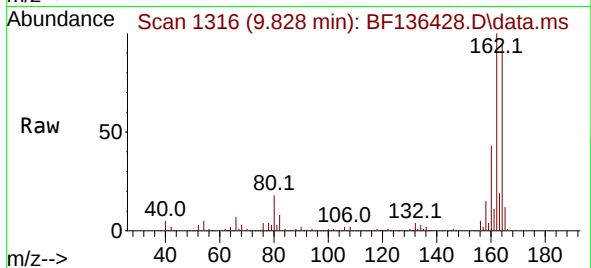
Tgt Ion:165 Resp: 23897
Ion Ratio Lower Upper
165 100
63 0.8 40.4 60.6#
89 1.2 40.6 60.8#



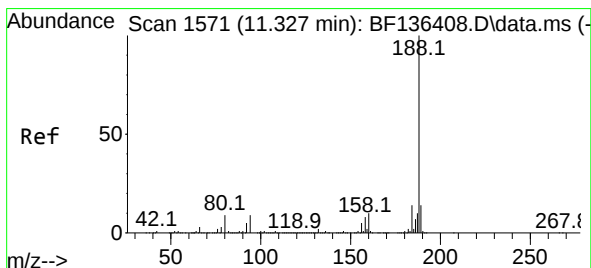
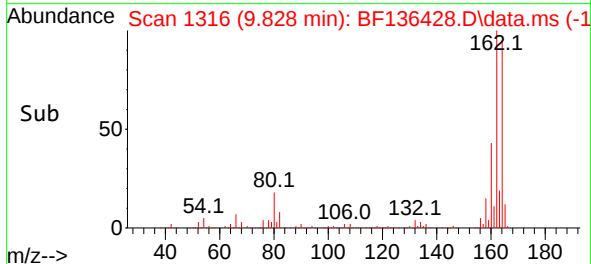
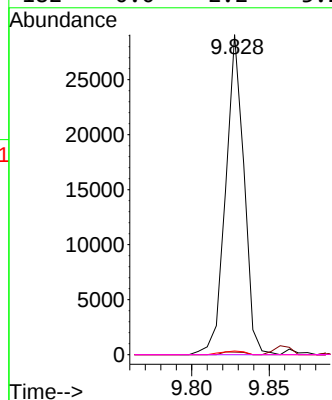


#57
2,4-Dinitrotoluene
Concen: 5.965 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136428.D
Acq: 06 Dec 2023 15:05

Instrument :
BNA_F
ClientSampleId :

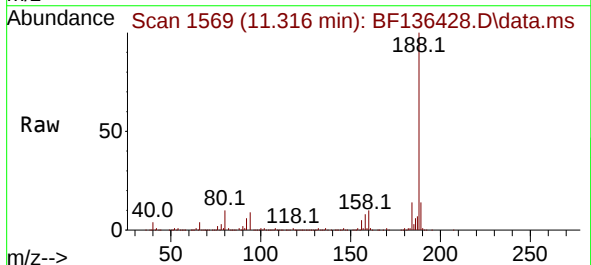


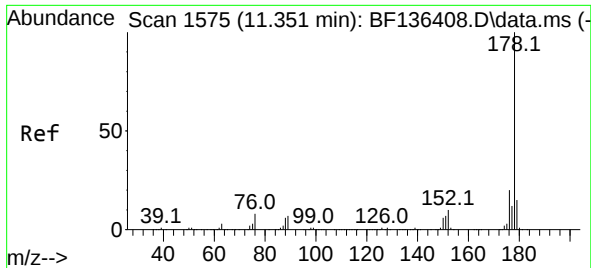
Tgt Ion:165 Resp: 23897
Ion Ratio Lower Upper
165 100
63 0.8 31.4 47.2#
89 1.2 51.7 77.5#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF136428.D
Acq: 06 Dec 2023 15:05

Tgt Ion:188 Resp: 268106
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 10.4 7.2 10.8

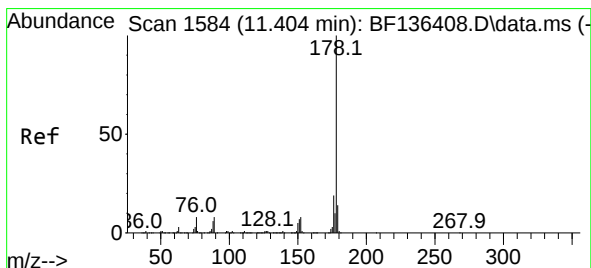
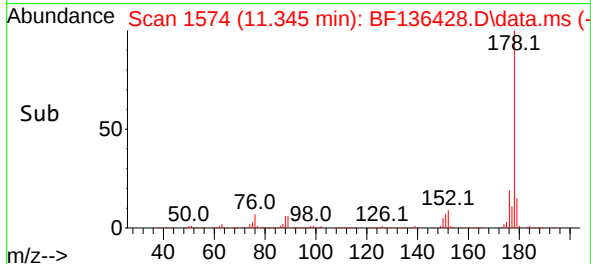
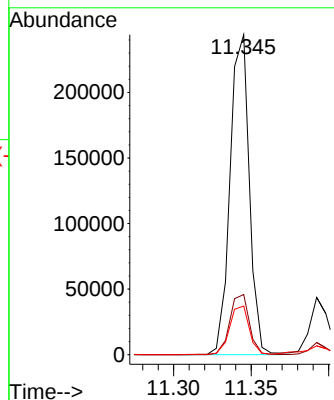
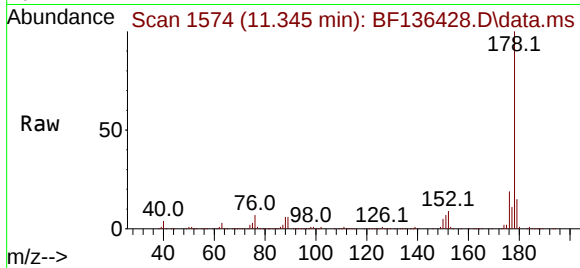




#71
Phenanthrene
Concen: 14.295 ng
RT: 11.345 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136428.D
Acq: 06 Dec 2023 15:05

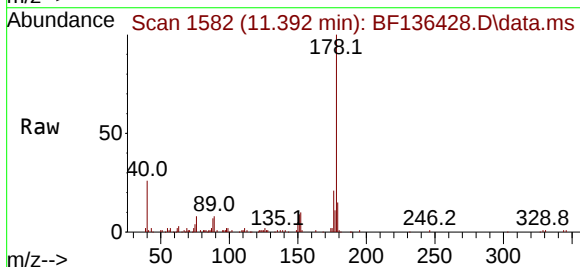
Instrument :
BNA_F
ClientSampleId :

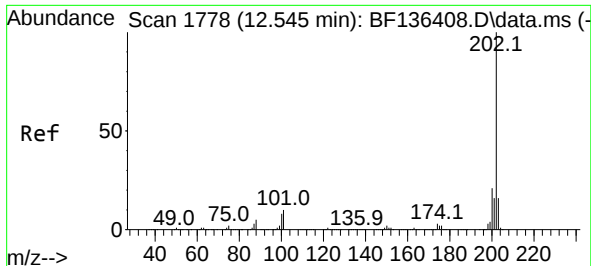
Tgt Ion:178 Resp: 210659
Ion Ratio Lower Upper
178 100
176 18.8 15.9 23.9
179 15.2 11.8 17.6



#72
Anthracene
Concen: 2.369 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF136428.D
Acq: 06 Dec 2023 15:05

Tgt Ion:178 Resp: 35165
Ion Ratio Lower Upper
178 100
176 21.4 15.3 22.9
179 15.5 11.4 17.0

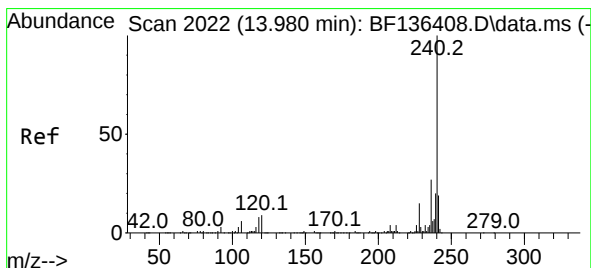
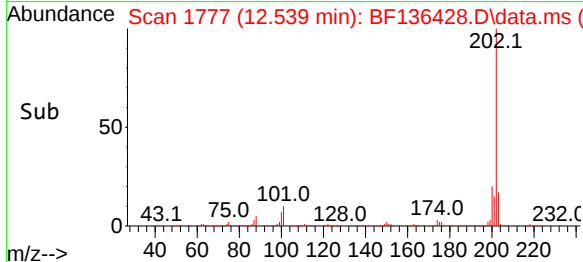
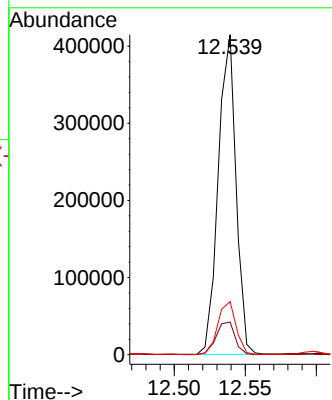
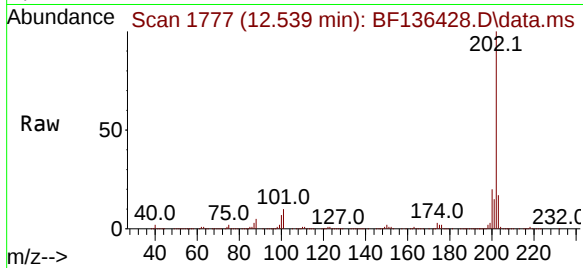




#75
Fluoranthene
Concen: 23.276 ng
RT: 12.539 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BF136428.D
Acq: 06 Dec 2023 15:05

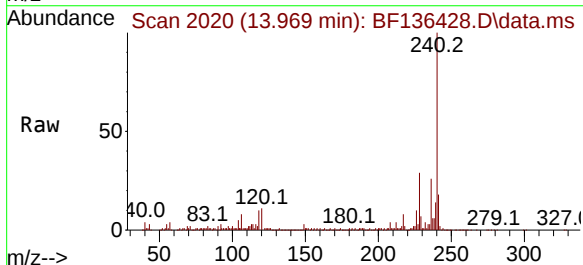
Instrument :
BNA_F
ClientSampleId :

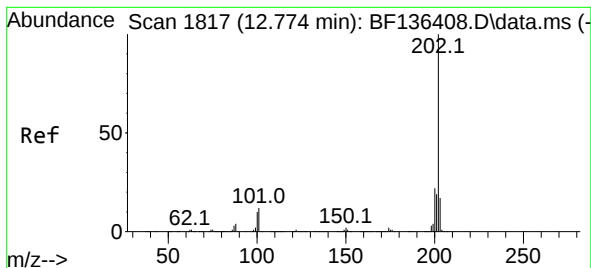
Tgt Ion:202 Resp: 359446
Ion Ratio Lower Upper
202 100
101 10.2 0.0 29.9
203 16.6 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF136428.D
Acq: 06 Dec 2023 15:05

Tgt Ion:240 Resp: 238998
Ion Ratio Lower Upper
240 100
120 11.2 7.3 10.9#
236 25.6 21.3 31.9





#78

Pyrene

Concen: 12.958 ng

RT: 12.769 min Scan# 1816

Delta R.T. -0.006 min

Lab File: BF136428.D

Acq: 06 Dec 2023 15:05

Instrument :

BNA_F

ClientSampleId :

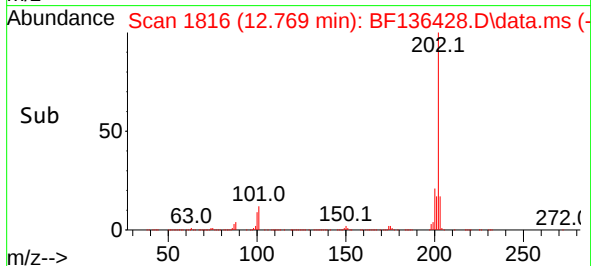
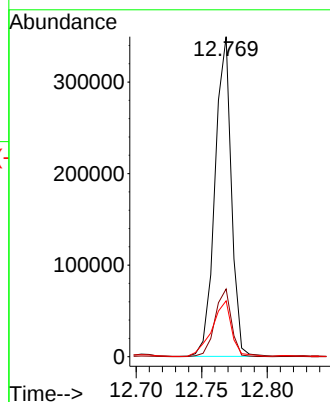
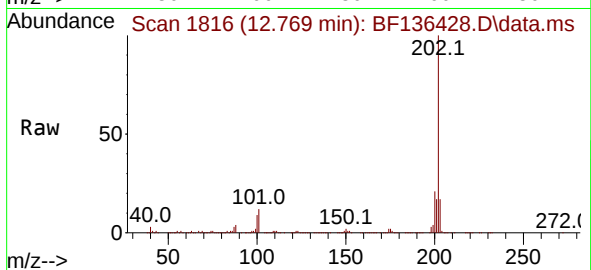
Tgt Ion:202 Resp: 303292

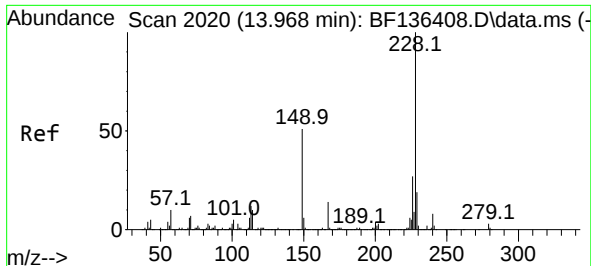
Ion Ratio Lower Upper

202 100

200 21.2 18.0 27.0

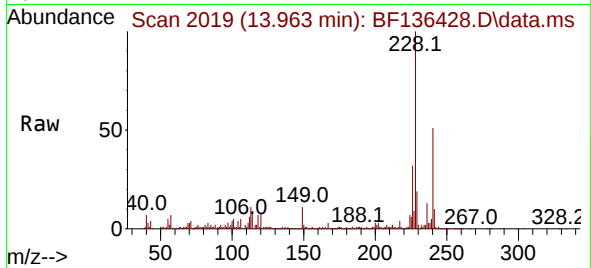
203 17.5 13.5 20.3



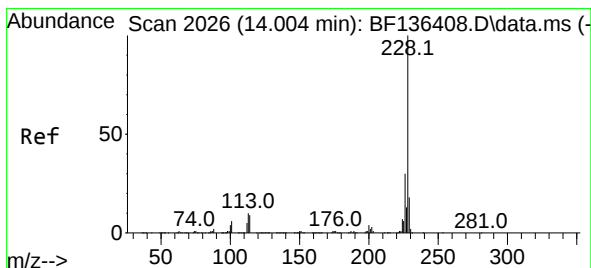
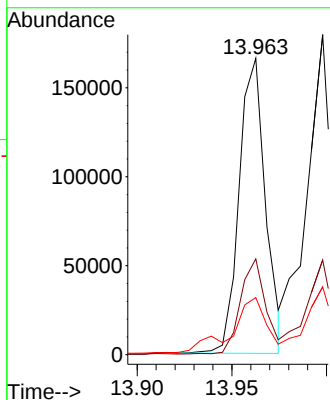
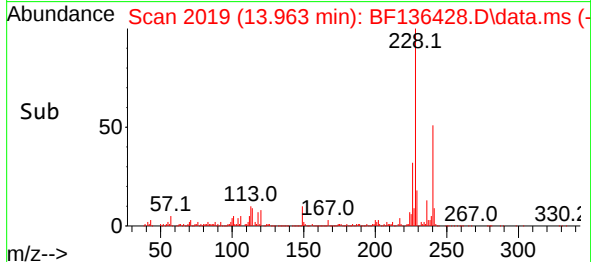


#81
Benzo(a)anthracene
Concen: 9.644 ng
RT: 13.963 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF136428.D
Acq: 06 Dec 2023 15:05

Instrument :
BNA_F
ClientSampleId :

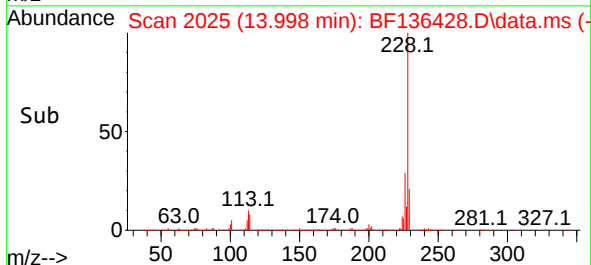
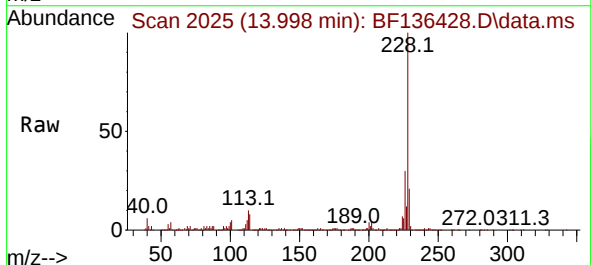


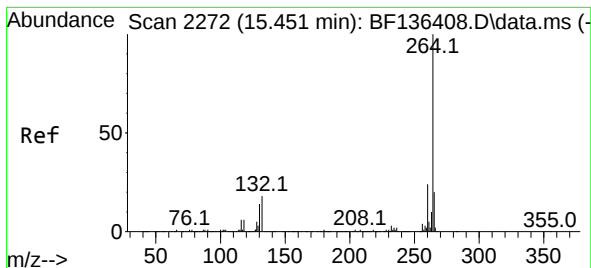
Tgt Ion:228 Resp: 160543
Ion Ratio Lower Upper
228 100
226 32.3 21.8 32.8
229 19.3 15.0 22.4



#83
Chrysene
Concen: 10.300 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF136428.D
Acq: 06 Dec 2023 15:05

Tgt Ion:228 Resp: 168699
Ion Ratio Lower Upper
228 100
226 29.6 23.8 35.6
229 21.2 14.8 22.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136428.D

Acq: 06 Dec 2023 15:05

Instrument :

BNA_F

ClientSampleId :

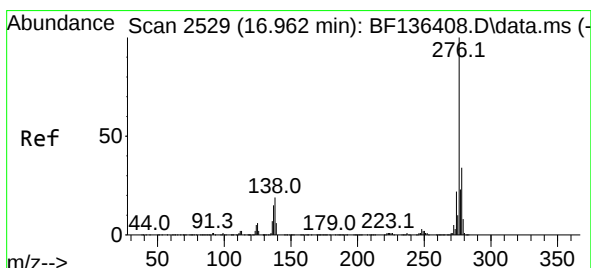
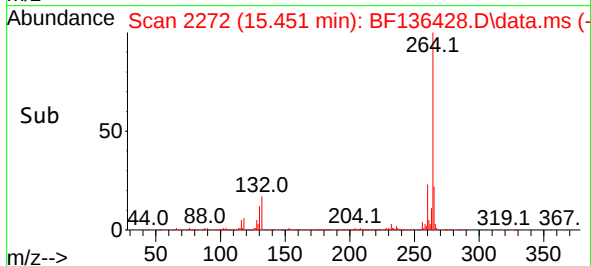
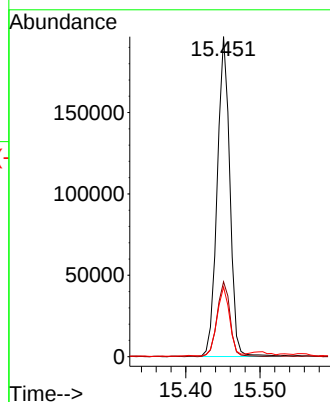
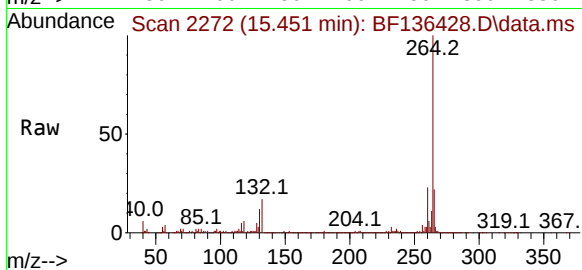
Tgt Ion:264 Resp: 231719

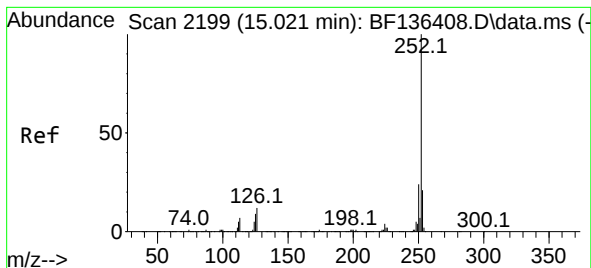
Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.7 15.9 23.9





#88

Benzo(b)fluoranthene

Concen: 16.352 ng

RT: 15.016 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF136428.D

Acq: 06 Dec 2023 15:05

Instrument :

BNA_F

ClientSampleId :

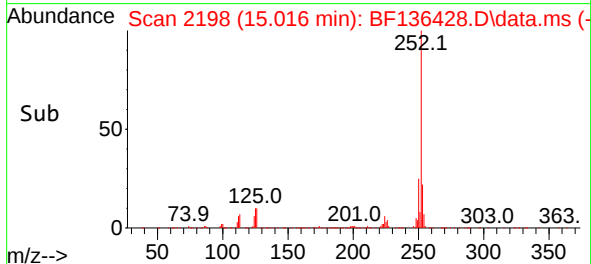
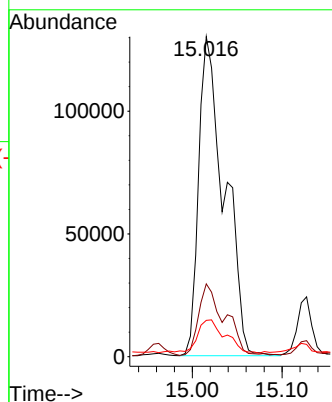
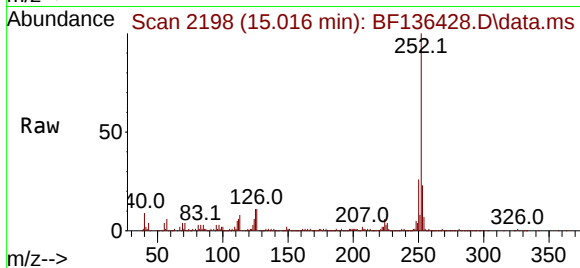
Tgt Ion:252 Resp: 259061

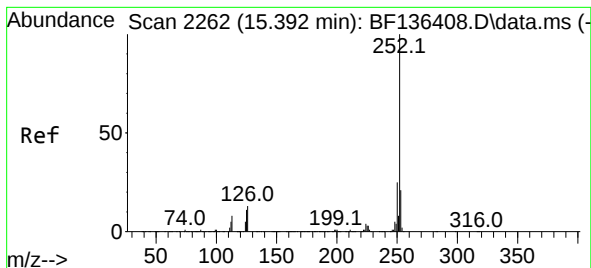
Ion Ratio Lower Upper

252 100

253 22.8 16.9 25.3

125 11.4 7.4 11.2#





#90

Benzo(a)pyrene

Concen: 9.281 ng

RT: 15.386 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136428.D

Acq: 06 Dec 2023 15:05

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:252 Resp: 121427

Ion Ratio Lower Upper

252 100

253 23.0 17.0 25.4

125 11.4 8.6 13.0

