

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
 Data File : BF136547.D
 Acq On : 13 Dec 2023 20:16
 Operator : CG\JU
 Sample : 05551-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB11272023

Quant Time: Dec 14 01:44:51 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)

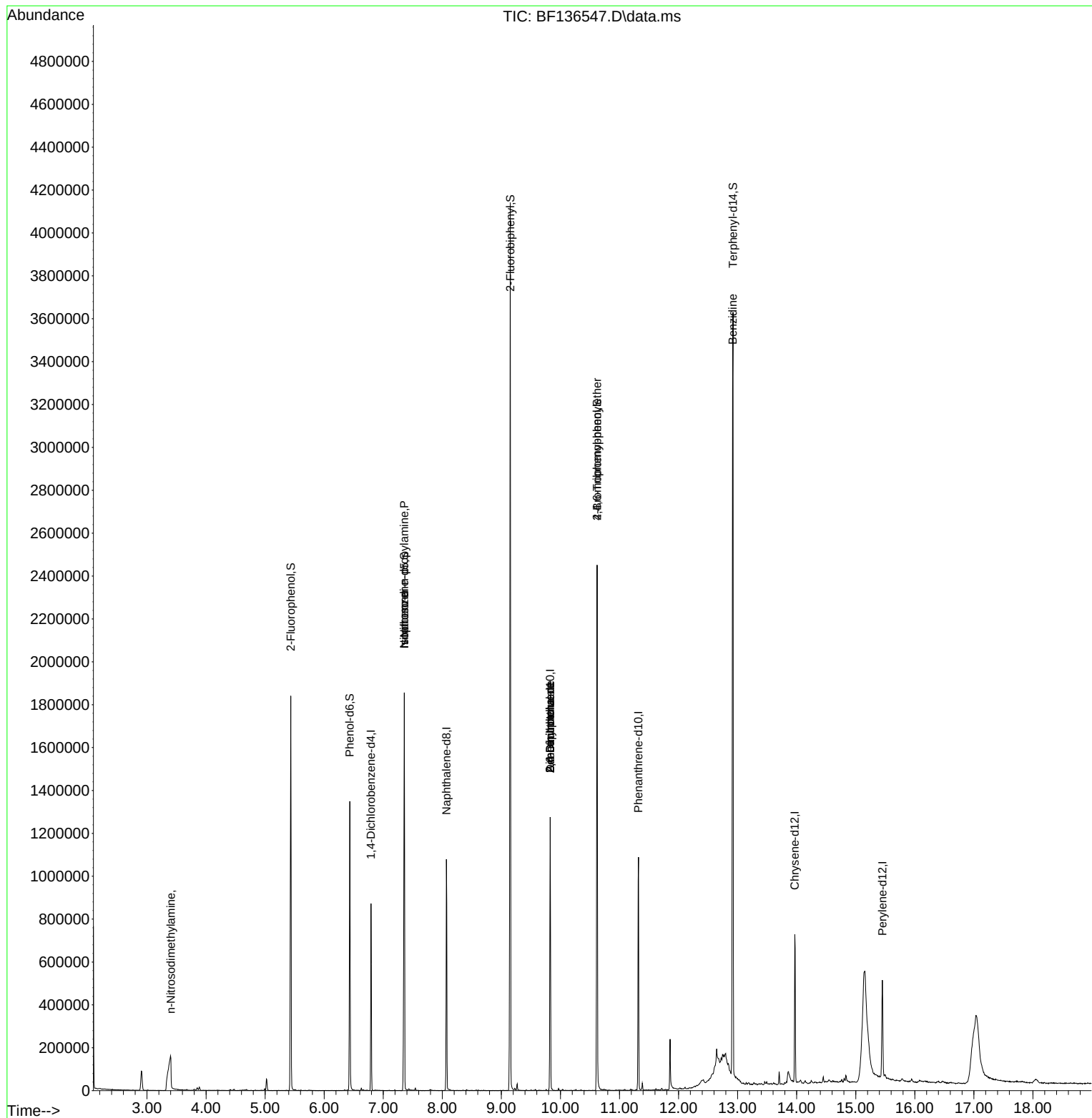
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	122870	20.000	ng	-0.01
21) Naphthalene-d8	8.069	136	476036	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	238114	20.000	ng	-0.01
64) Phenanthrene-d10	11.322	188	410616	20.000	ng	0.00
76) Chrysene-d12	13.968	240	240698	20.000	ng	#-0.01
86) Perylene-d12	15.451	264	225178	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	493360	59.299	ng	0.00
7) Phenol-d6	6.434	99	424125	40.859	ng	-0.01
23) Nitrobenzene-d5	7.357	82	616246	69.983	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	312990	106.606	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1254919	71.913	ng	-0.01
79) Terphenyl-d14	12.921	244	1325839	72.602	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.404	42	11593	3.348	ng	# 1
9) Benzaldehyde	6.345	77	781	Below Cal		# 80
19) n-Nitroso-di-n-propyla...	7.357	70	79863	13.337	ng	# 76
25) Isophorone	7.357	82	616235	38.952	ng	# 65
50) Dimethylphthalate	9.828	163	48092	2.743	ng	# 1
51) 2,6-Dinitrotoluene	9.828	165	29366	7.446	ng	# 28
57) 2,4-Dinitrotoluene	9.828	165	29366	5.629	ng	# 28
67) 4-Bromophenyl-phenylether	10.622	248	19603	4.106	ng	# 1
77) Benzidine	12.916	184	16676	3.664	ng	# 92

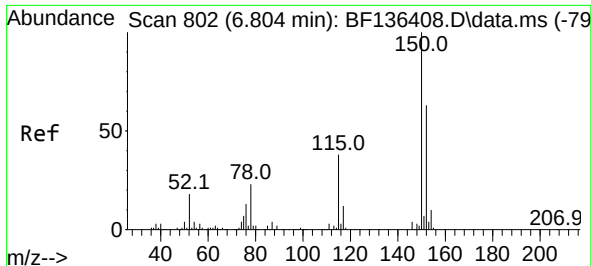
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
Data File : BF136547.D
Acq On : 13 Dec 2023 20:16
Operator : CG\JU
Sample : 05551-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FB11272023

Quant Time: Dec 14 01:44:51 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

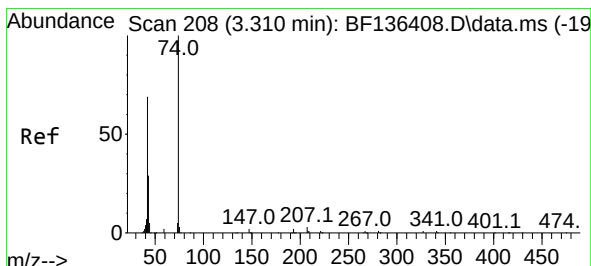
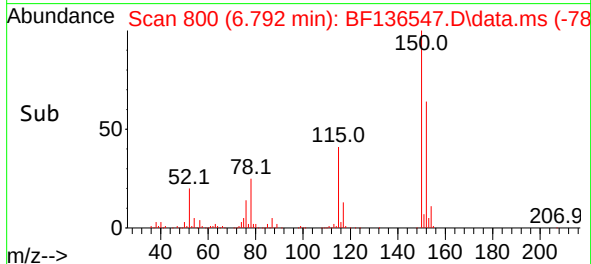
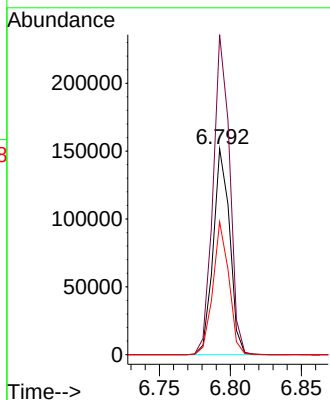
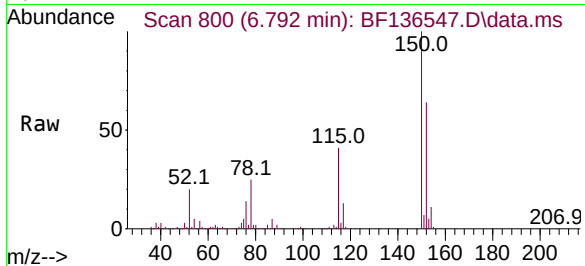




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF136547.D
Acq: 13 Dec 2023 20:16

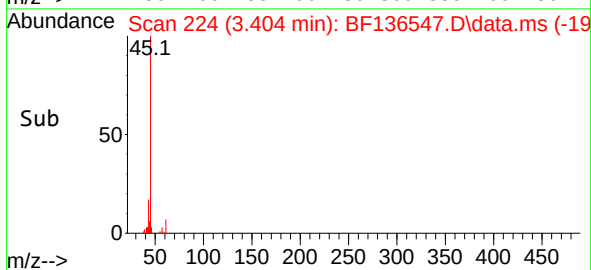
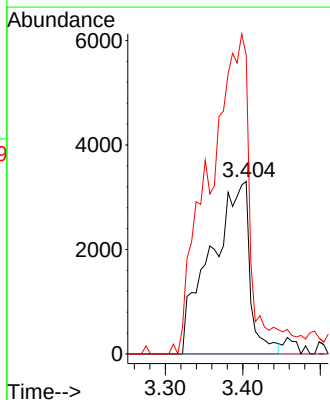
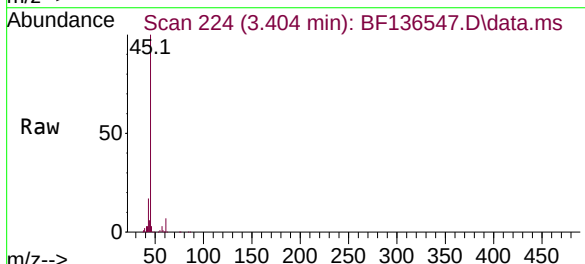
Instrument :
BNA_F
ClientSampleId :
FB11272023

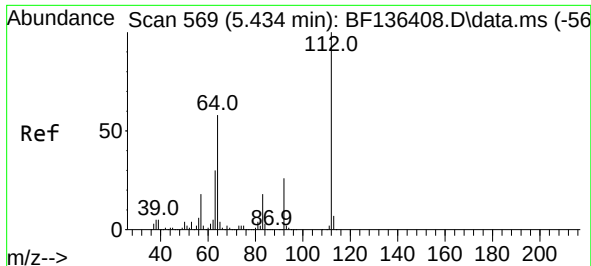
Tgt Ion:152 Resp: 122870
Ion Ratio Lower Upper
152 100
150 155.4 126.4 189.6
115 64.5 48.2 72.4



#4
n-Nitrosodimethylamine
Concen: 3.348 ng
RT: 3.404 min Scan# 224
Delta R.T. 0.094 min
Lab File: BF136547.D
Acq: 13 Dec 2023 20:16

Tgt Ion: 42 Resp: 11593
Ion Ratio Lower Upper
42 100
74 0.0 115.4 173.0#
44 173.1 6.2 9.2#

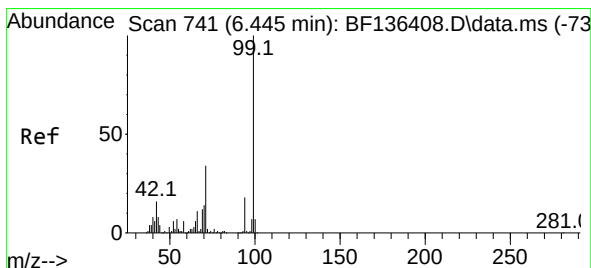
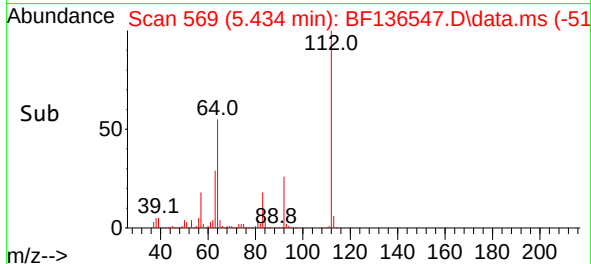
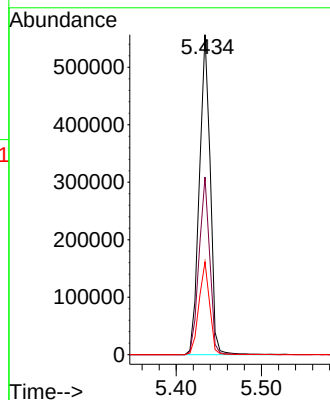
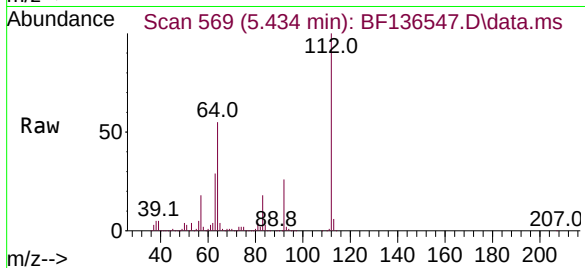




#5
2-Fluorophenol
Concen: 59.299 ng
RT: 5.434 min Scan# 509
Delta R.T. -0.000 min
Lab File: BF136547.D
Acq: 13 Dec 2023 20:16

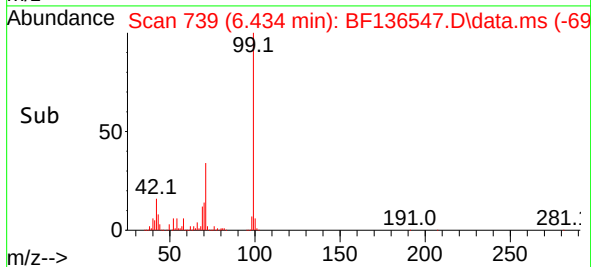
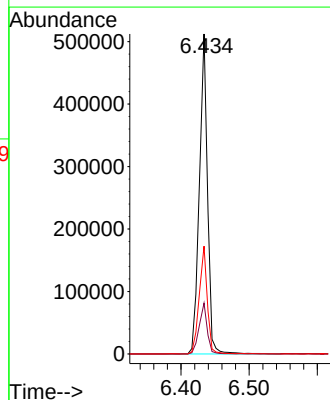
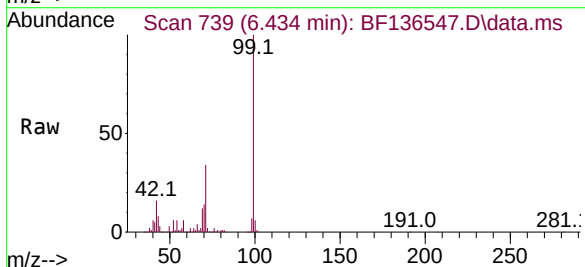
Instrument :
BNA_F
ClientSampleId :
FB11272023

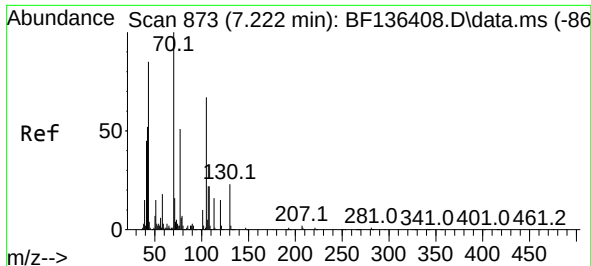
Tgt Ion:112 Resp: 493360
Ion Ratio Lower Upper
112 100
64 55.5 46.5 69.7
63 29.0 23.9 35.9



#7
Phenol-d6
Concen: 40.859 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF136547.D
Acq: 13 Dec 2023 20:16

Tgt Ion: 99 Resp: 424125
Ion Ratio Lower Upper
99 100
42 15.9 12.8 19.2
71 33.7 27.0 40.4

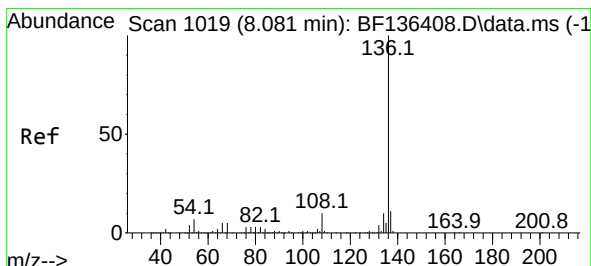
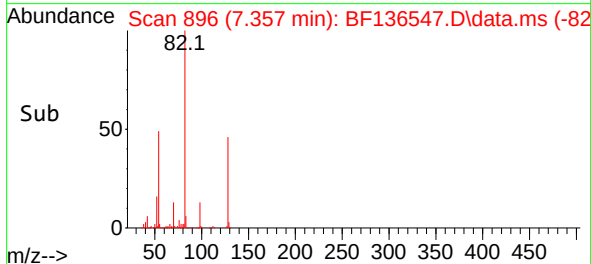
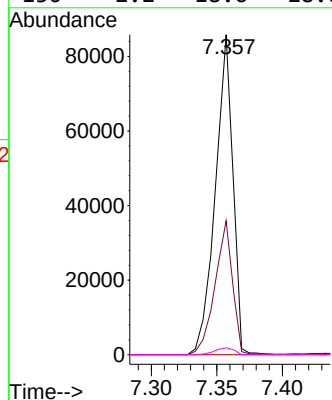
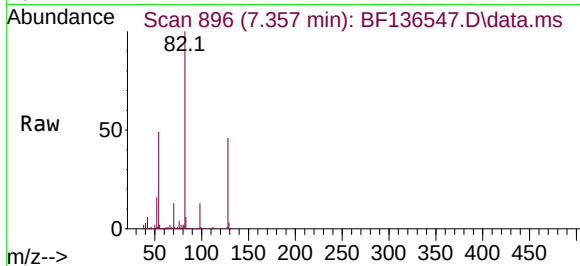




#19
n-Nitroso-di-n-propylamine
Concen: 13.337 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.135 min
Lab File: BF136547.D
Acq: 13 Dec 2023 20:16

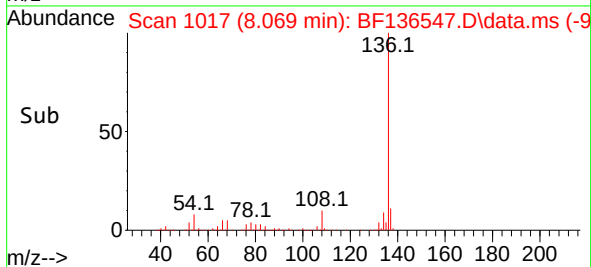
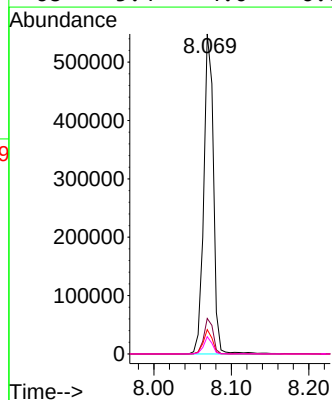
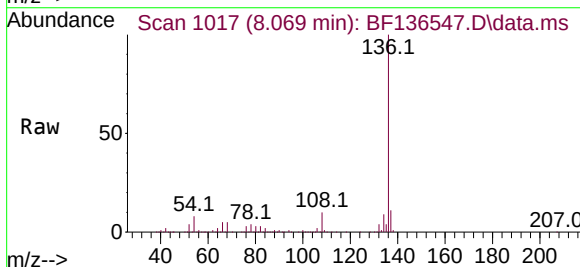
Instrument :
BNA_F
ClientSampleId :
FB11272023

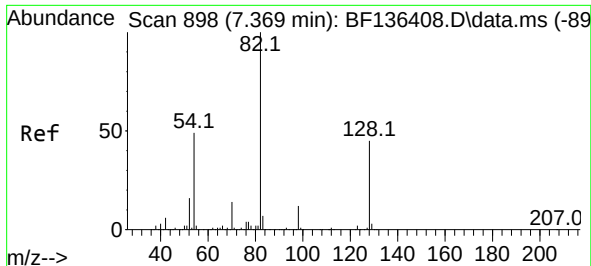
Tgt Ion: 70	Resp: 79863
Ion Ratio	Lower Upper
70 100	
42 41.9	41.4 62.0
101 0.0	8.2 12.4#
130 2.2	18.6 28.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF136547.D
Acq: 13 Dec 2023 20:16

Tgt Ion: 136	Resp: 476036
Ion Ratio	Lower Upper
136 100	
137 11.1	8.6 12.8
54 7.6	5.7 8.5
68 5.4	4.0 6.0

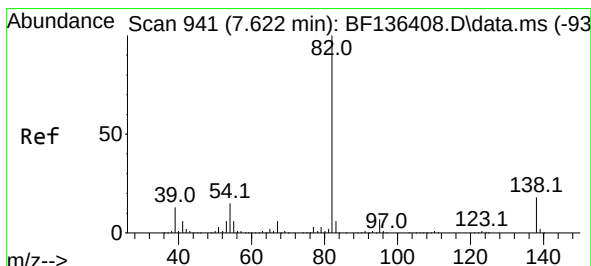
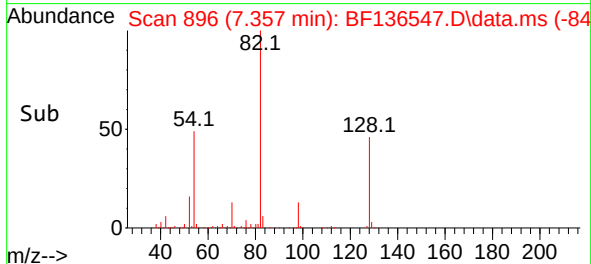
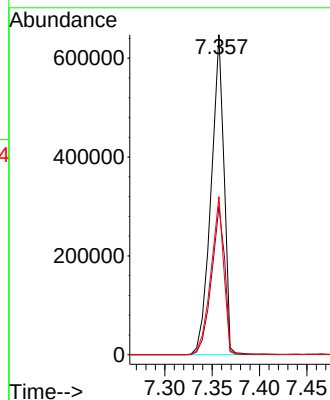
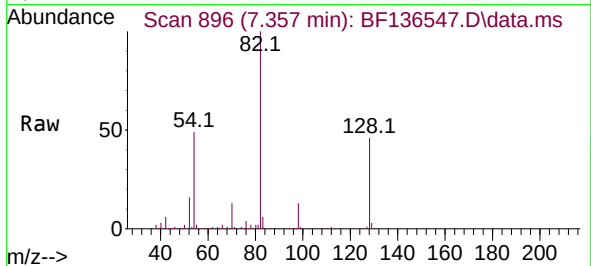




#23
Nitrobenzene-d5
Concen: 69.983 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF136547.D
Acq: 13 Dec 2023 20:16

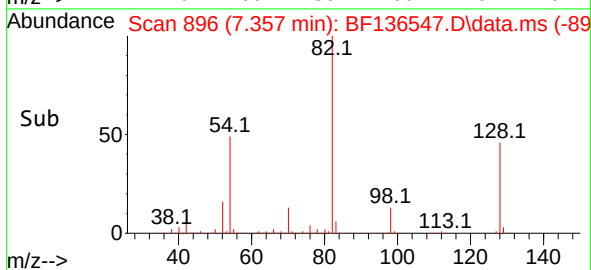
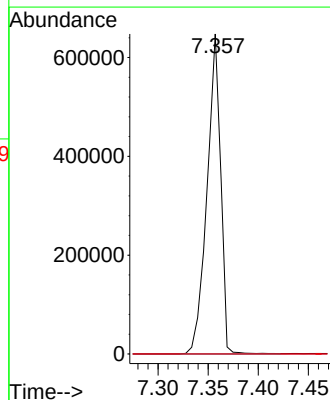
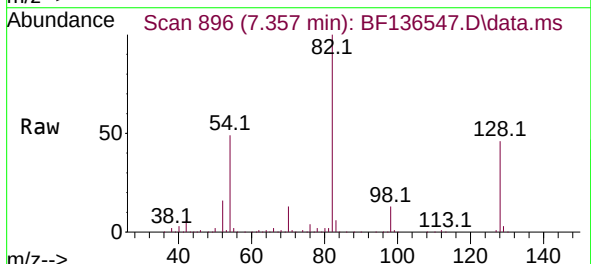
Instrument :
BNA_F
ClientSampleId :
FB11272023

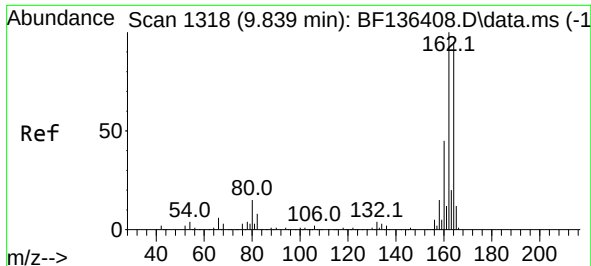
Tgt Ion: 82 Resp: 616246
Ion Ratio Lower Upper
82 100
128 46.2 36.3 54.5
54 49.4 39.0 58.6



#25
Isophorone
Concen: 38.952 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF136547.D
Acq: 13 Dec 2023 20:16

Tgt Ion: 82 Resp: 616235
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# 1

Delta R.T. -0.012 min

Lab File: BF136547.D

Acq: 13 Dec 2023 20:16

Instrument :

BNA_F

ClientSampleId :

FB11272023

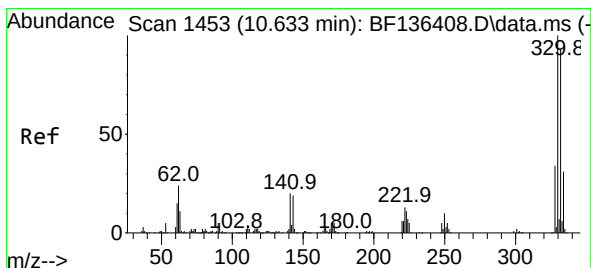
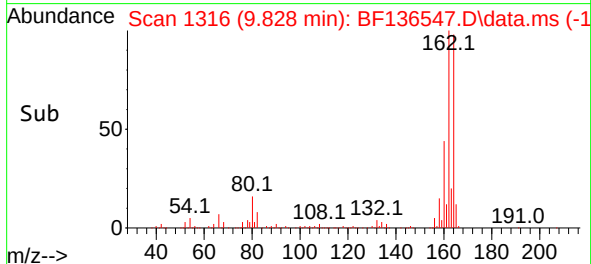
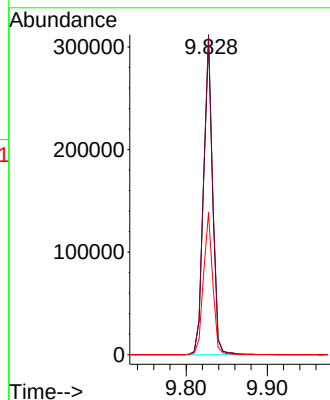
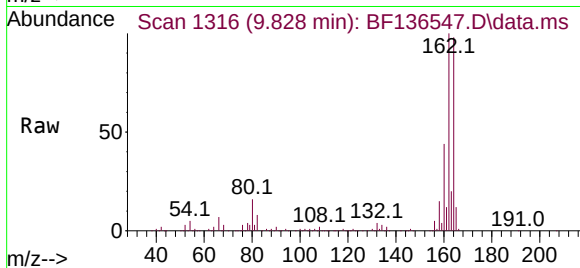
Tgt Ion:164 Resp: 238114

Ion Ratio Lower Upper

164 100

162 101.6 84.4 126.6

160 45.2 37.6 56.4



#42

2,4,6-Tribromophenol

Concen: 106.606 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136547.D

Acq: 13 Dec 2023 20:16

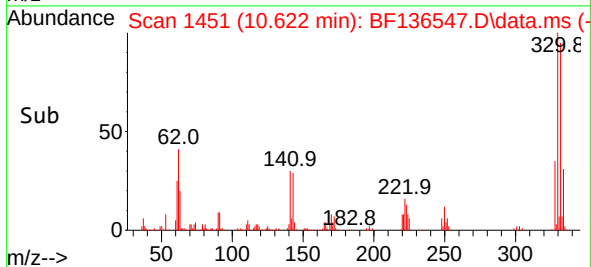
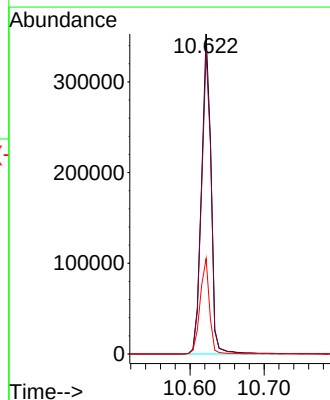
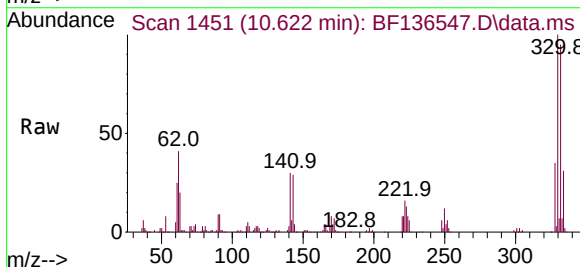
Tgt Ion:330 Resp: 312990

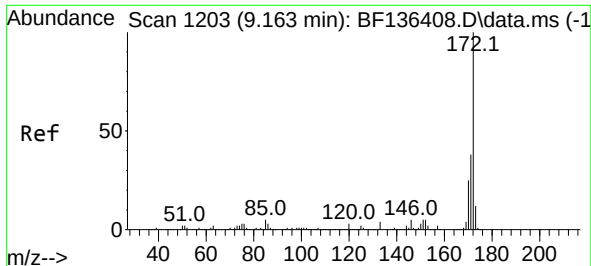
Ion Ratio Lower Upper

330 100

332 95.8 76.4 114.6

141 29.5 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 71.913 ng

RT: 9.151 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136547.D

Acq: 13 Dec 2023 20:16

Instrument :

BNA_F

ClientSampleId :

FB11272023

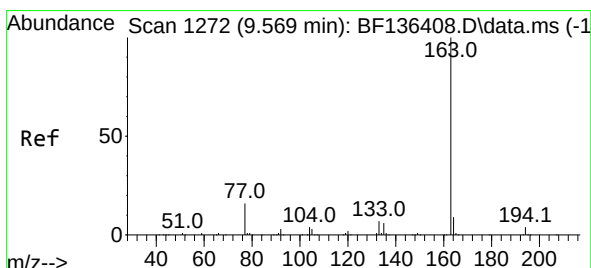
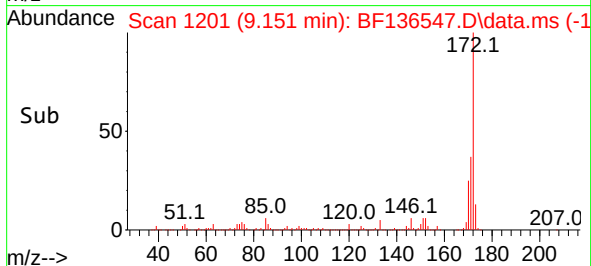
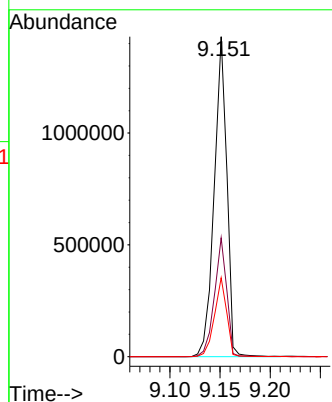
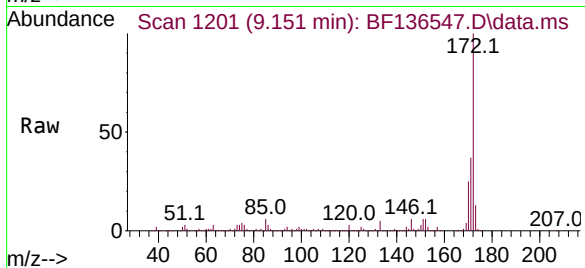
Tgt Ion:172 Resp: 1254919

Ion Ratio Lower Upper

172 100

171 37.2 30.5 45.7

170 24.7 19.9 29.9



#50

Dimethylphthalate

Concen: 2.743 ng

RT: 9.828 min Scan# 1316

Delta R.T. 0.259 min

Lab File: BF136547.D

Acq: 13 Dec 2023 20:16

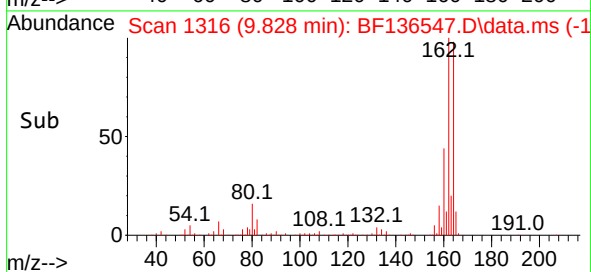
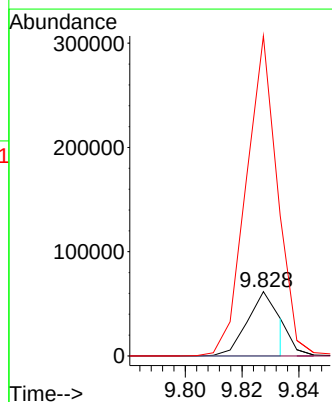
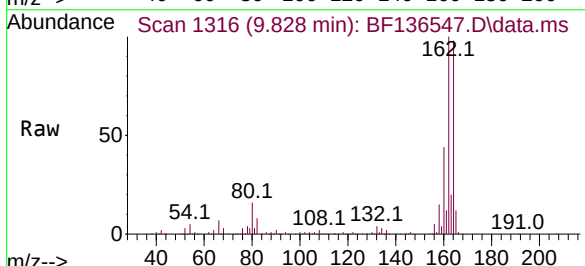
Tgt Ion:163 Resp: 48092

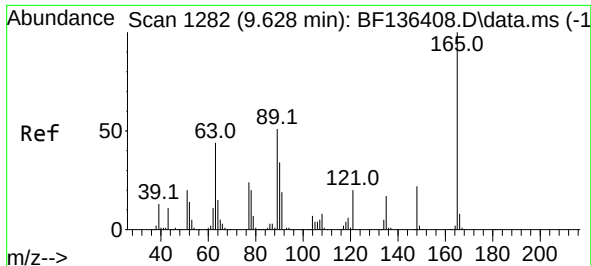
Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.6#

164 497.0 7.4 11.2#

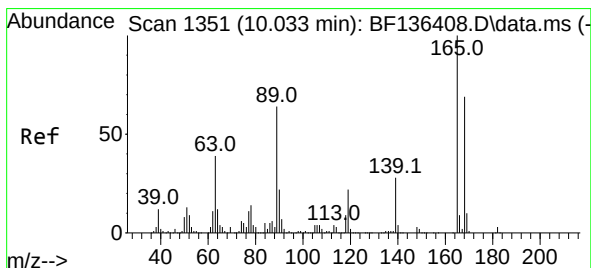
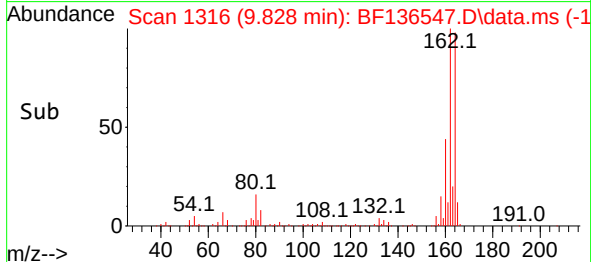
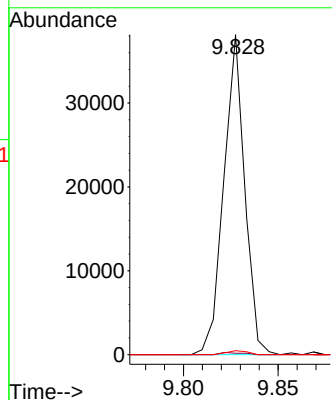
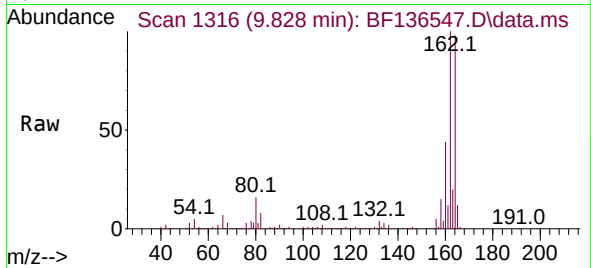




#51
2,6-Dinitrotoluene
Concen: 7.446 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.200 min
Lab File: BF136547.D
Acq: 13 Dec 2023 20:16

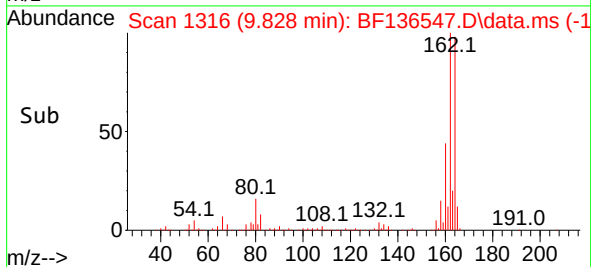
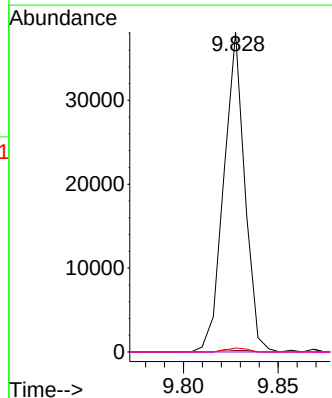
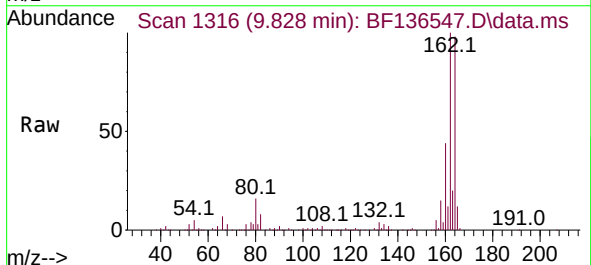
Instrument :
BNA_F
ClientSampleId :
FB11272023

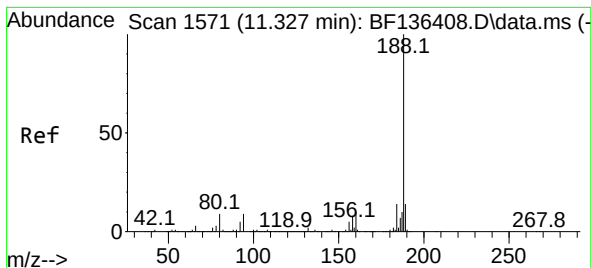
Tgt Ion:165 Resp: 29366
Ion Ratio Lower Upper
165 100
63 0.5 40.4 60.6#
89 1.3 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.629 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.206 min
Lab File: BF136547.D
Acq: 13 Dec 2023 20:16

Tgt Ion:165 Resp: 29366
Ion Ratio Lower Upper
165 100
63 0.5 31.4 47.2#
89 1.3 51.7 77.5#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136547.D

Acq: 13 Dec 2023 20:16

Instrument :

BNA_F

ClientSampleId :

FB11272023

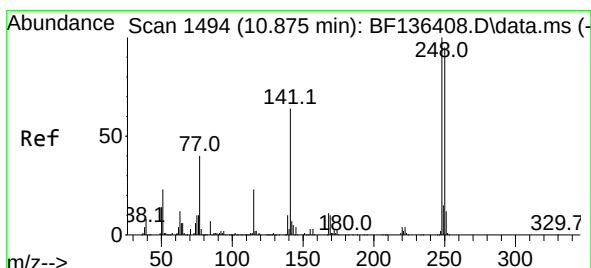
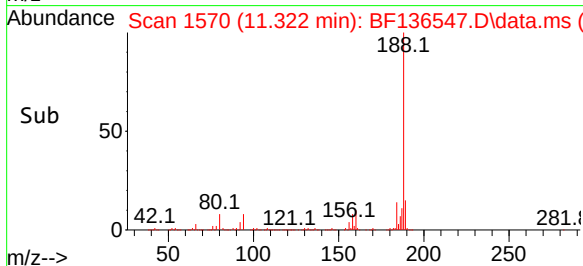
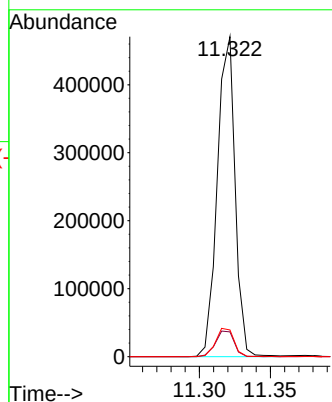
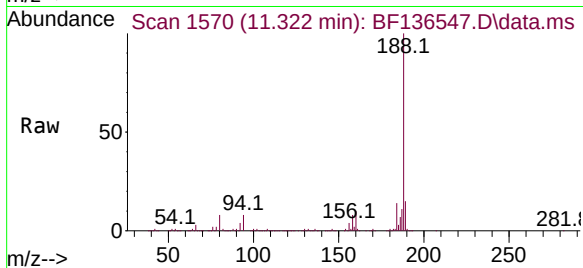
Tgt Ion:188 Resp: 410616

Ion Ratio Lower Upper

188 100

94 7.7 7.2 10.8

80 8.4 7.2 10.8



#67

4-Bromophenyl-phenylether

Concen: 4.106 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.253 min

Lab File: BF136547.D

Acq: 13 Dec 2023 20:16

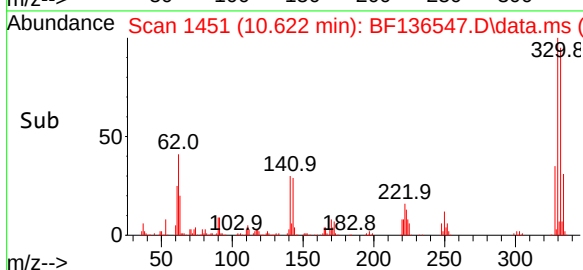
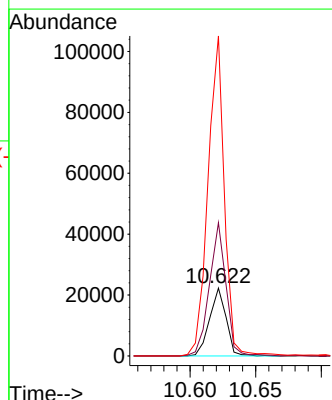
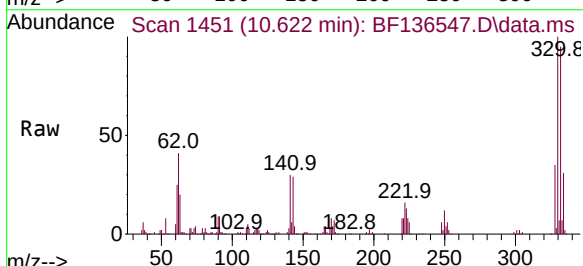
Tgt Ion:248 Resp: 19603

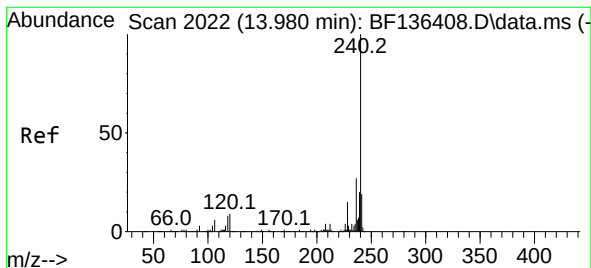
Ion Ratio Lower Upper

248 100

250 196.4 76.2 114.2#

141 471.7 51.0 76.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF136547.D

Acq: 13 Dec 2023 20:16

Instrument :

BNA_F

ClientSampleId :

FB11272023

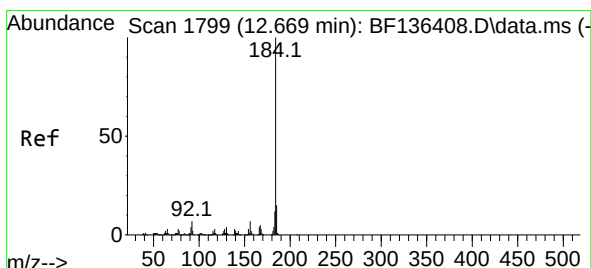
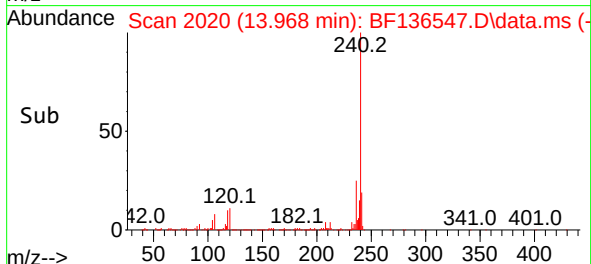
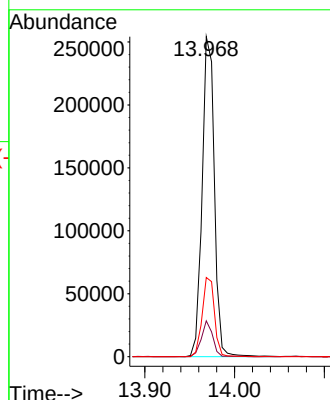
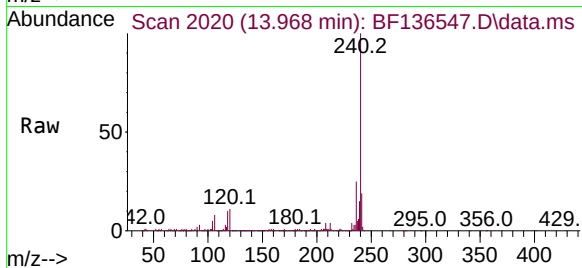
Tgt Ion:240 Resp: 240698

Ion Ratio Lower Upper

240 100

120 11.2 7.3 10.9#

236 24.7 21.3 31.9



#77

Benzidine

Concen: 3.664 ng

RT: 12.916 min Scan# 1841

Delta R.T. 0.247 min

Lab File: BF136547.D

Acq: 13 Dec 2023 20:16

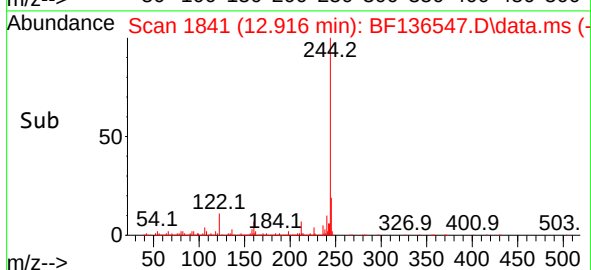
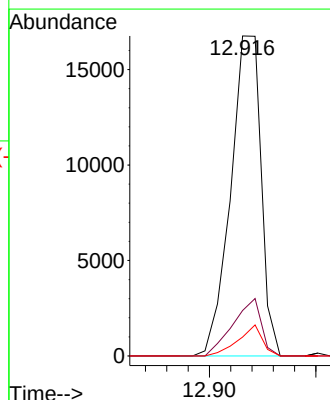
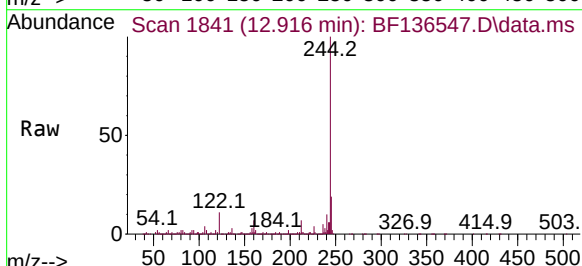
Tgt Ion:184 Resp: 16676

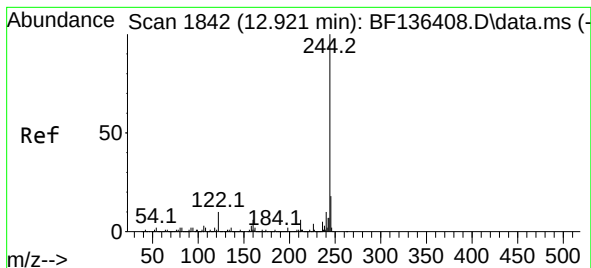
Ion Ratio Lower Upper

184 100

185 14.2 12.0 18.0

183 5.9 9.4 14.0#





#79

Terphenyl-d14

Concen: 72.602 ng

RT: 12.921 min Scan# 1842

Delta R.T. -0.000 min

Lab File: BF136547.D

Acq: 13 Dec 2023 20:16

Instrument :

BNA_F

ClientSampleId :

FB11272023

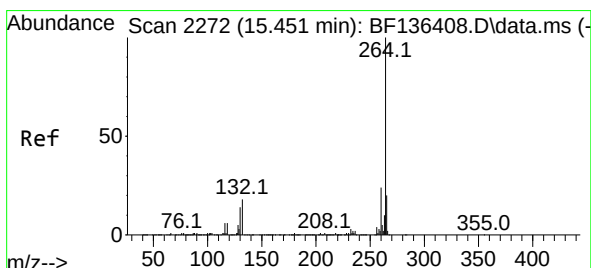
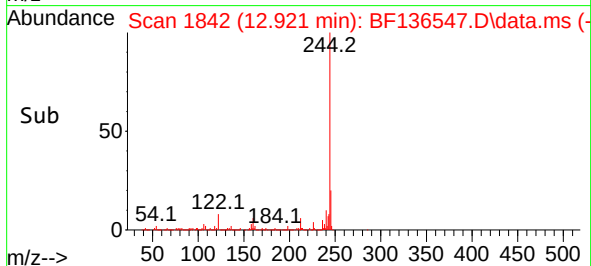
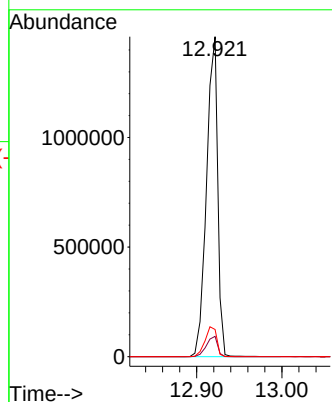
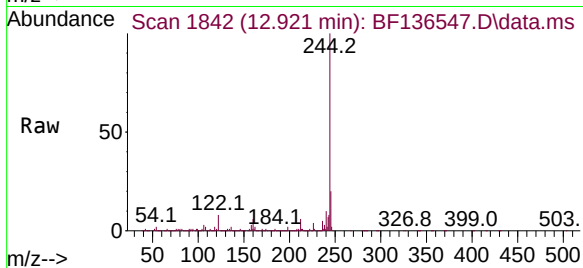
Tgt Ion:244 Resp: 1325839

Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.4

122 8.5 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2272

Delta R.T. -0.000 min

Lab File: BF136547.D

Acq: 13 Dec 2023 20:16

Tgt Ion:264 Resp: 225178

Ion Ratio Lower Upper

264 100

260 22.1 19.2 28.8

265 20.7 15.9 23.9

