

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
 Data File : BF136570.D
 Acq On : 14 Dec 2023 16:07
 Operator : CG\JU
 Sample : PB157641BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 14 16:34:21 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)

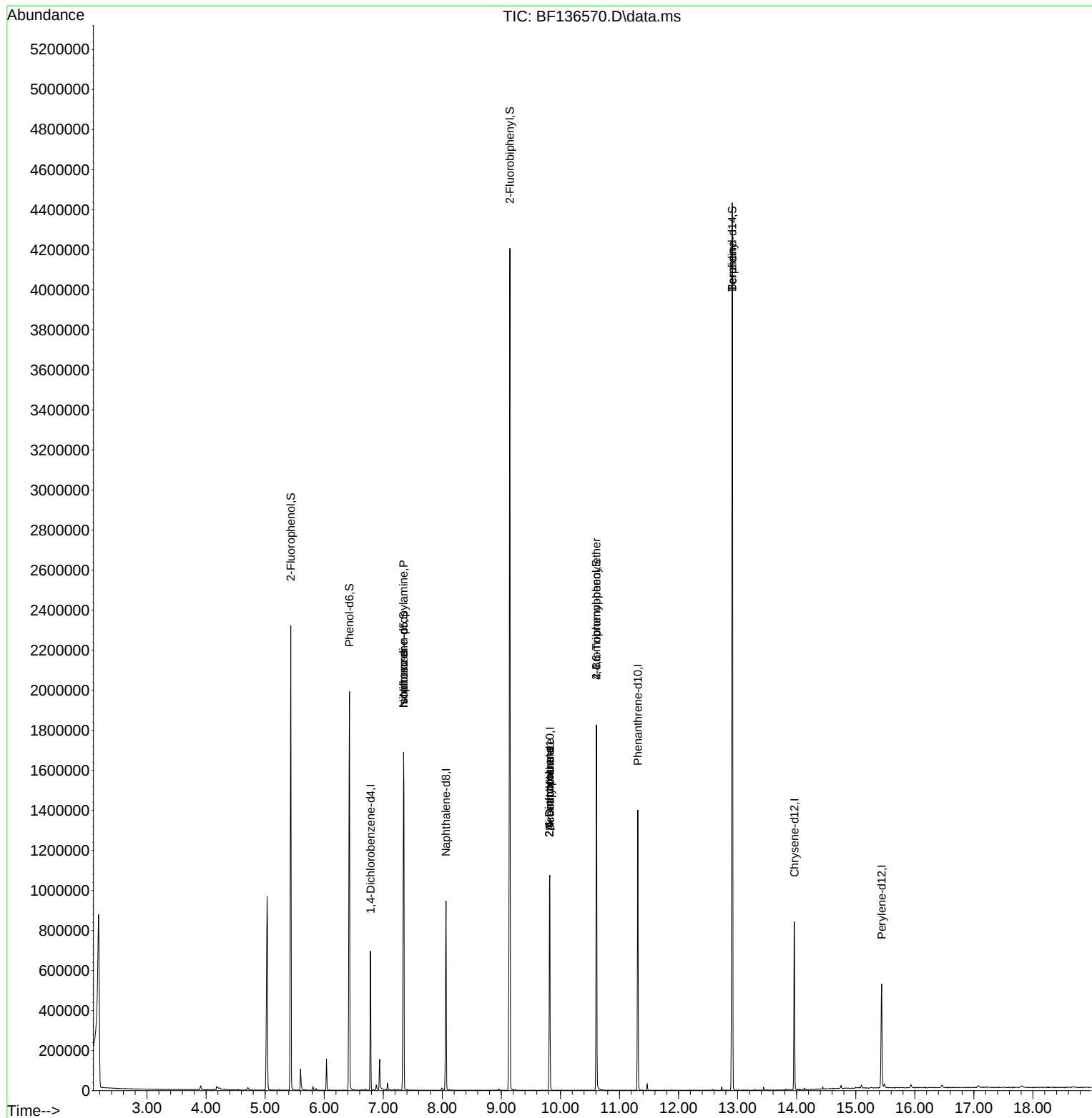
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	108938	20.000	ng	-0.02
21) Naphthalene-d8	8.063	136	452354	20.000	ng	-0.02
39) Acenaphthene-d10	9.822	164	239124	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	473431	20.000	ng	-0.02
76) Chrysene-d12	13.963	240	297519	20.000	ng	-0.02
86) Perylene-d12	15.439	264	240918	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	610265	82.731	ng	0.00
7) Phenol-d6	6.428	99	758108	82.373	ng	-0.02
23) Nitrobenzene-d5	7.345	82	672314	80.348	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	236723	80.288	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	1423871	81.250	ng	-0.02
79) Terphenyl-d14	12.910	244	1808474	80.118	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.340	77	56	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.345	70	88917	16.748	ng	# 78
25) Isophorone	7.345	82	668710	44.482	ng	# 65
50) Dimethylphthalate	9.822	163	50131	2.848	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	31715	8.007	ng	# 28
57) 2,4-Dinitrotoluene	9.816	165	31715	6.053	ng	# 28
67) 4-Bromophenyl-phenylether	10.610	248	14638	2.659	ng	# 1
77) Benzidine	12.910	184	20287	3.530	ng	# 93

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

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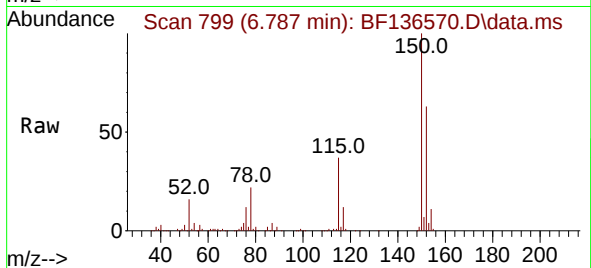
Quant Time: Dec 14 16:34:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 09:40:27 2023
Response via : Initial Calibration



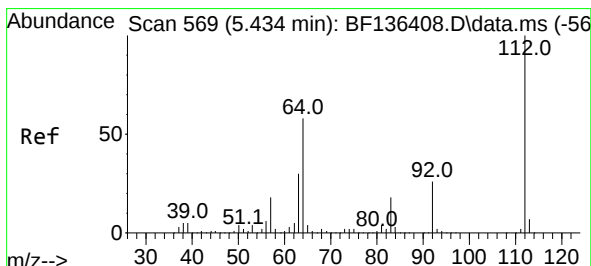
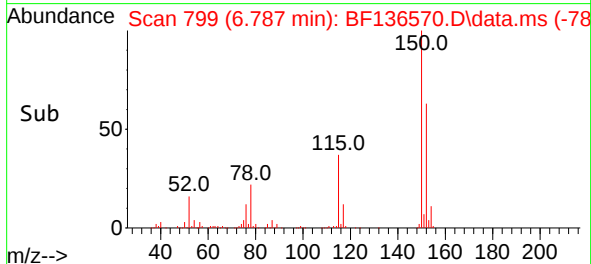
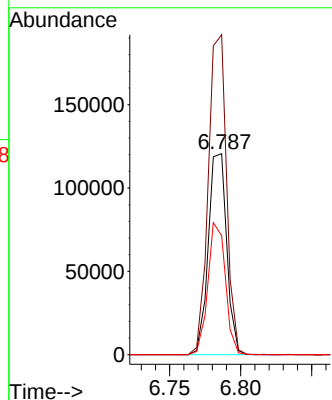


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.017 min
Lab File: BF136570.D
Acq: 14 Dec 2023 16:07

Instrument :
BNA_F
ClientSampleId :

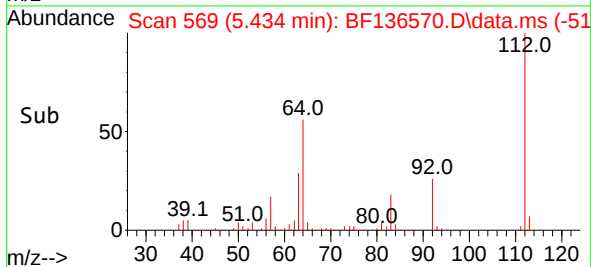
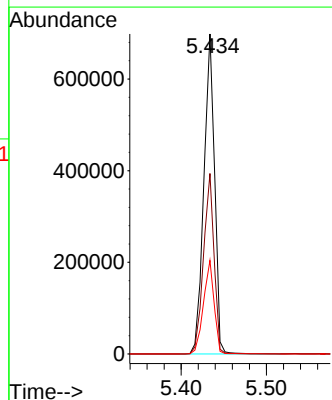
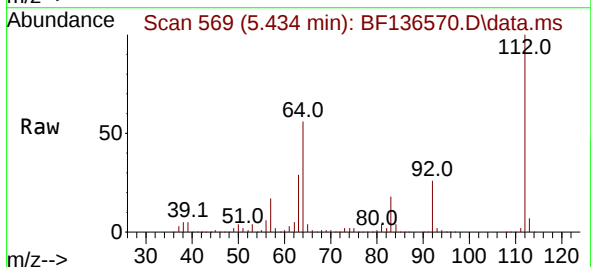


Tgt Ion:152 Resp: 108938
Ion Ratio Lower Upper
152 100
150 159.2 126.4 189.6
115 59.2 48.2 72.4



#5
2-Fluorophenol
Concen: 82.731 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.000 min
Lab File: BF136570.D
Acq: 14 Dec 2023 16:07

Tgt Ion:112 Resp: 610265
Ion Ratio Lower Upper
112 100
64 56.4 46.5 69.7
63 29.2 23.9 35.9

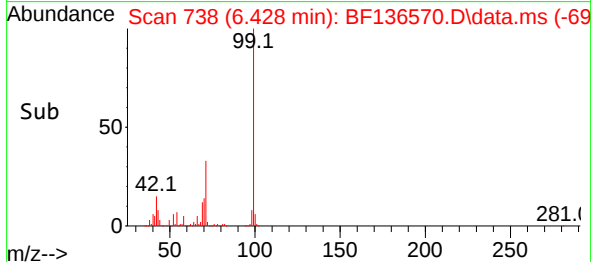
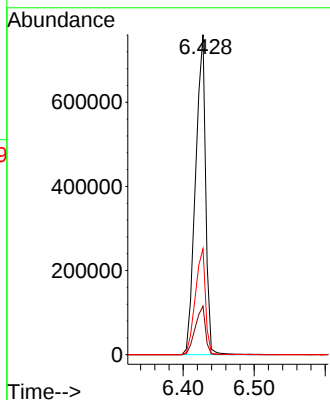
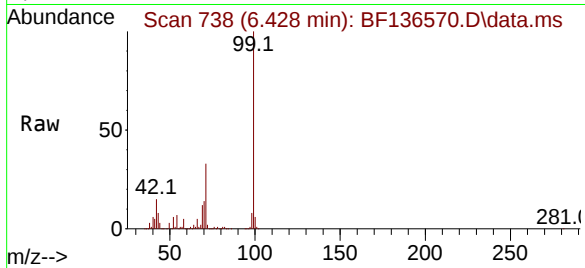




#7
Phenol-d6
Concen: 82.373 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF136570.D
Acq: 14 Dec 2023 16:07

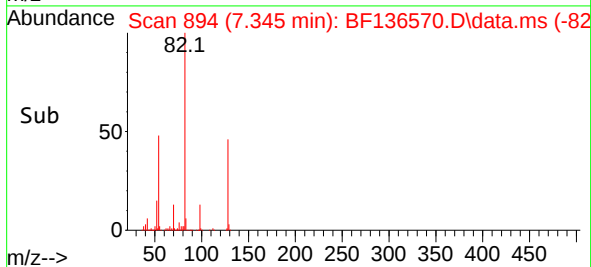
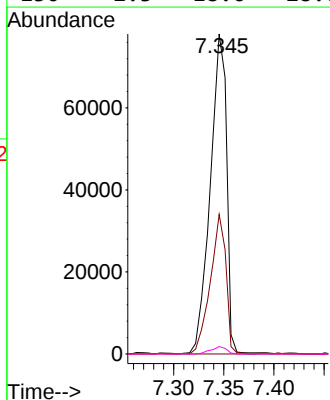
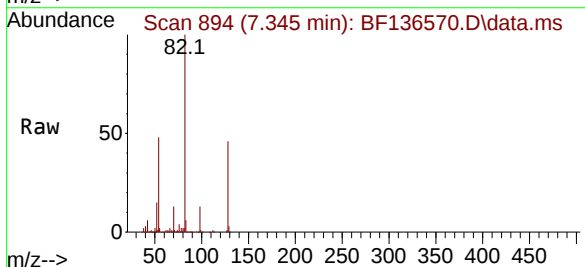
Instrument :
BNA_F
ClientSampleId :

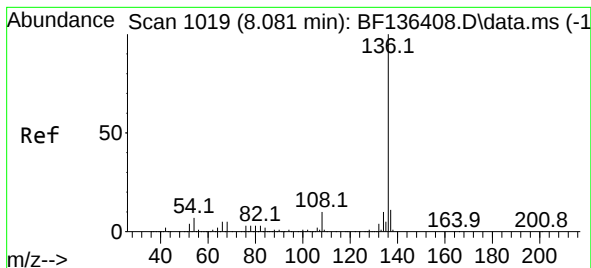
Tgt Ion: 99 Resp: 758108
Ion Ratio Lower Upper
99 100
42 15.2 12.8 19.2
71 33.1 27.0 40.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.748 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.124 min
Lab File: BF136570.D
Acq: 14 Dec 2023 16:07

Tgt Ion: 70 Resp: 88917
Ion Ratio Lower Upper
70 100
42 43.6 41.4 62.0
101 0.0 8.2 12.4#
130 2.3 18.6 28.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.063 min Scan# 1016

Delta R.T. -0.018 min

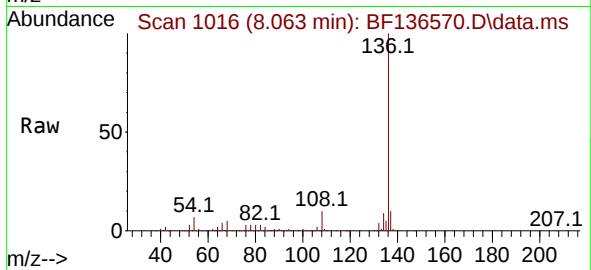
Lab File: BF136570.D

Acq: 14 Dec 2023 16:07

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 452354

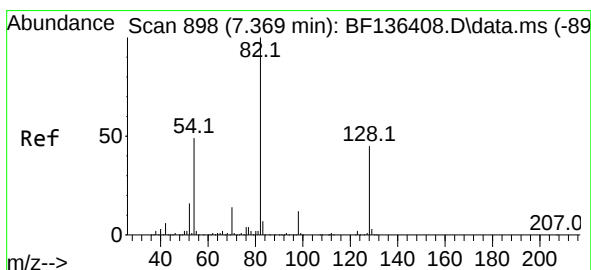
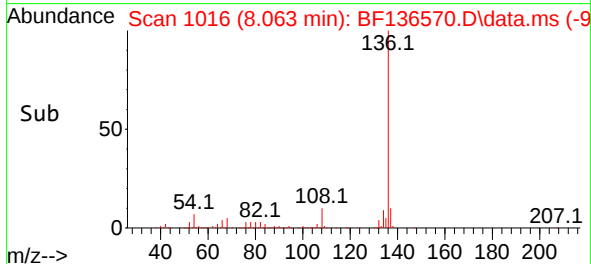
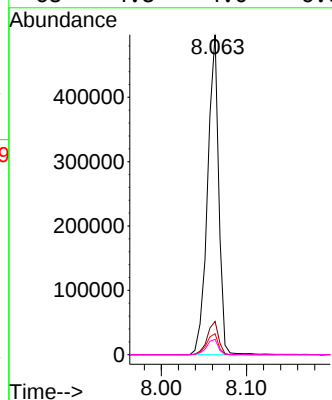
Ion Ratio Lower Upper

136 100

137 10.4 8.6 12.8

54 6.6 5.7 8.5

68 4.8 4.0 6.0



#23

Nitrobenzene-d5

Concen: 80.348 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.024 min

Lab File: BF136570.D

Acq: 14 Dec 2023 16:07

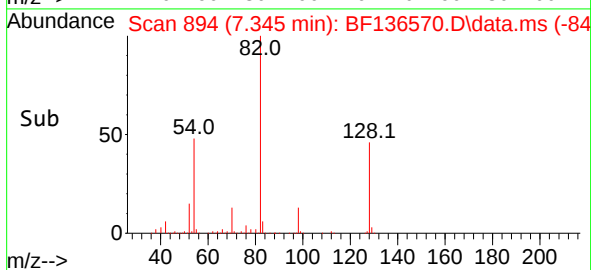
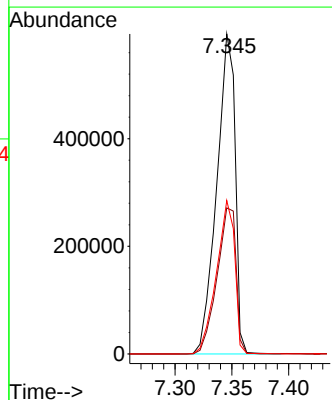
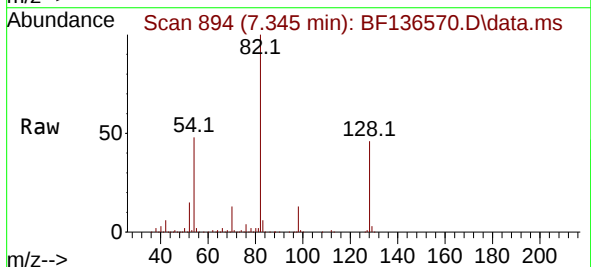
Tgt Ion: 82 Resp: 672314

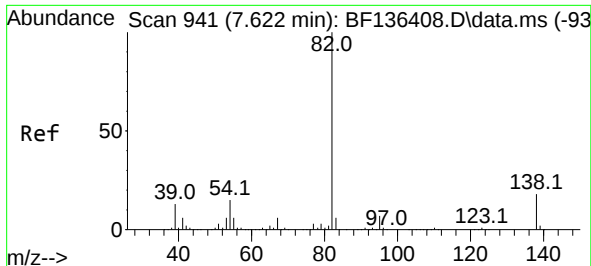
Ion Ratio Lower Upper

82 100

128 45.6 36.3 54.5

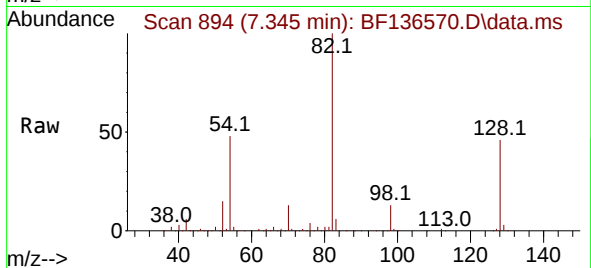
54 48.0 39.0 58.6



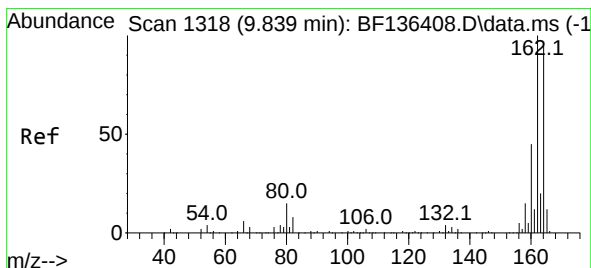
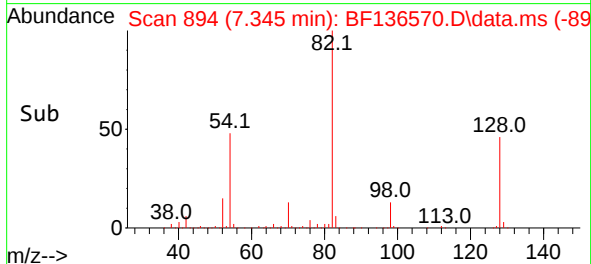
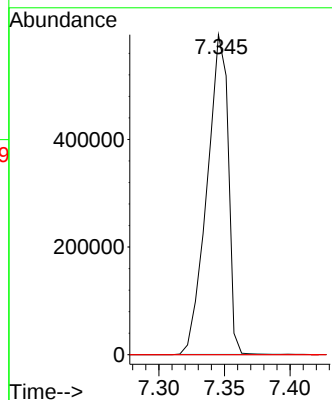


#25
Isophorone
Concen: 44.482 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.276 min
Lab File: BF136570.D
Acq: 14 Dec 2023 16:07

Instrument :
BNA_F
ClientSampleId :

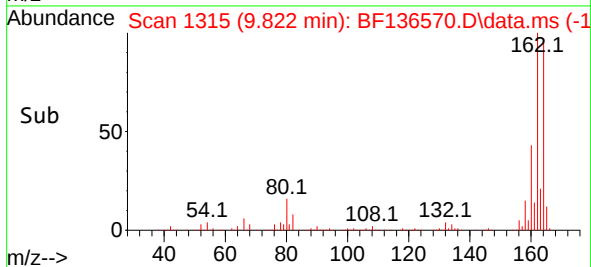
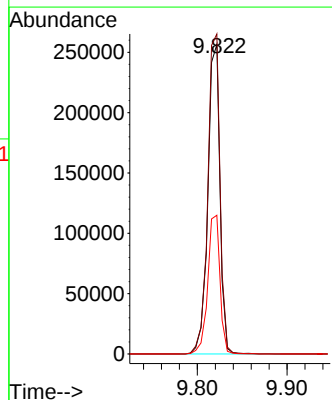
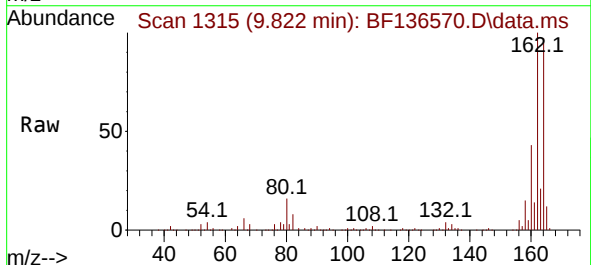


Tgt Ion: 82 Resp: 668710
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.018 min
Lab File: BF136570.D
Acq: 14 Dec 2023 16:07

Tgt Ion:164 Resp: 239124
Ion Ratio Lower Upper
164 100
162 103.4 84.4 126.6
160 44.8 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 80.288 ng

RT: 10.610 min Scan# 1453

Delta R.T. -0.024 min

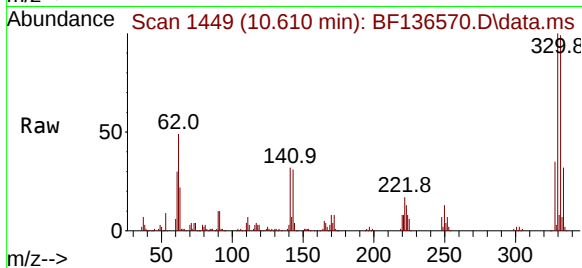
Lab File: BF136570.D

Acq: 14 Dec 2023 16:07

Instrument :

BNA_F

ClientSampleId :



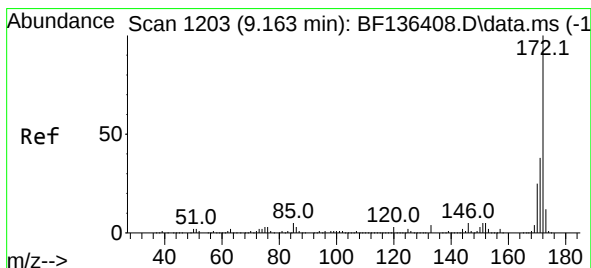
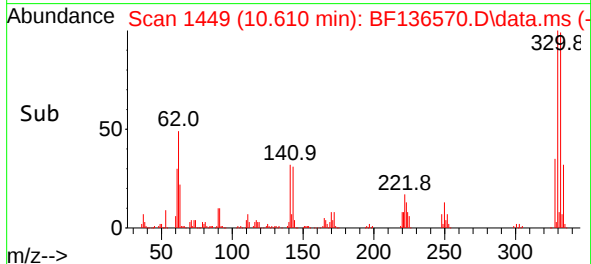
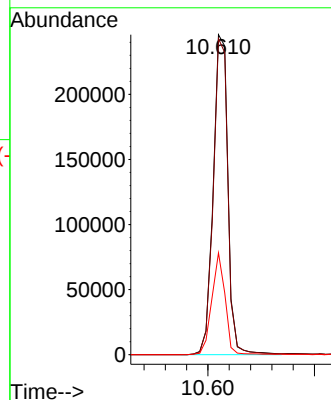
Tgt Ion:330 Resp: 236723

Ion Ratio Lower Upper

330 100

332 98.5 76.4 114.6

141 28.8 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 81.250 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.018 min

Lab File: BF136570.D

Acq: 14 Dec 2023 16:07

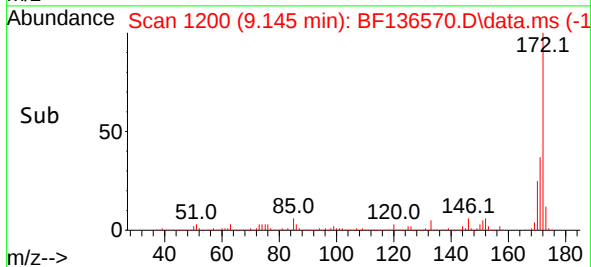
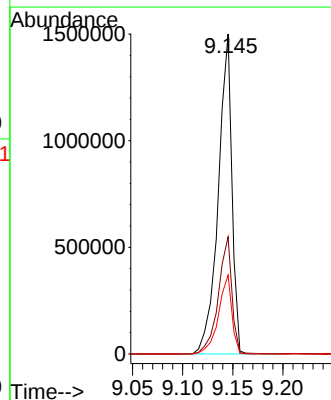
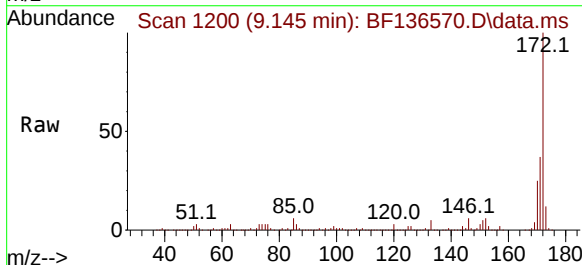
Tgt Ion:172 Resp: 1423871

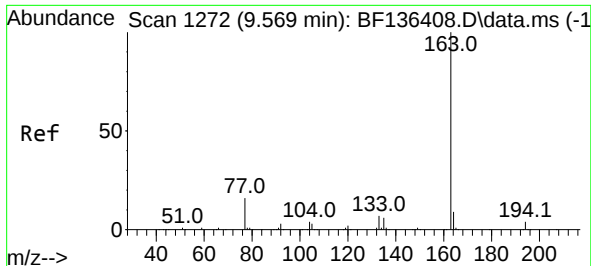
Ion Ratio Lower Upper

172 100

171 36.6 30.5 45.7

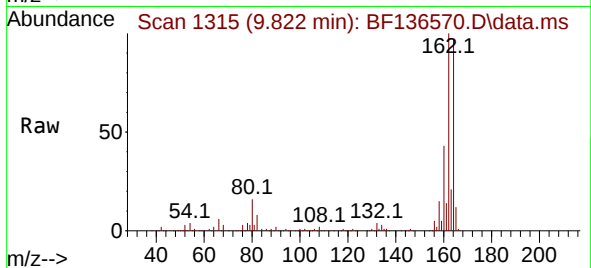
170 24.7 19.9 29.9



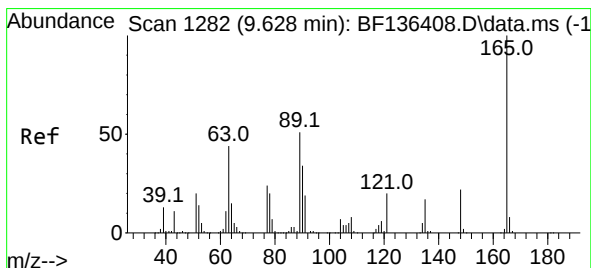
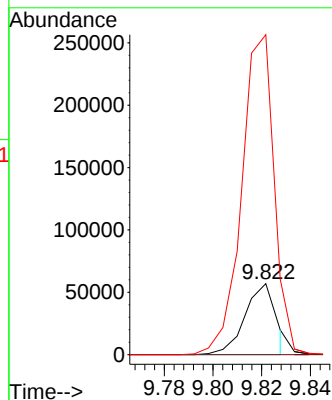
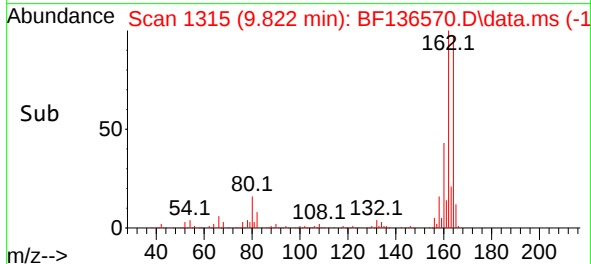


#50
Dimethylphthalate
Concen: 2.848 ng
RT: 9.822 min Scan# 11
Delta R.T. 0.253 min
Lab File: BF136570.D
Acq: 14 Dec 2023 16:07

Instrument :
BNA_F
ClientSampleId :

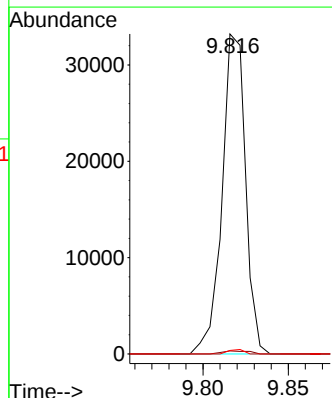
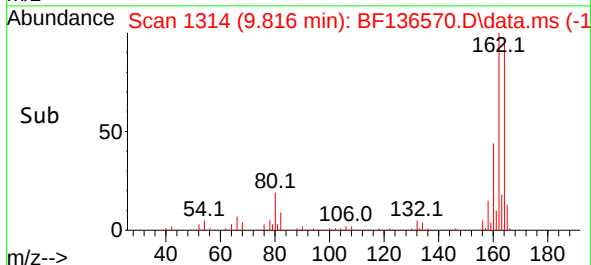
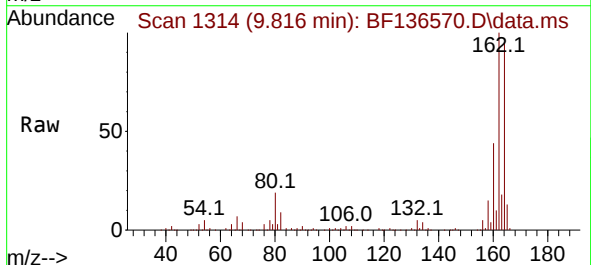


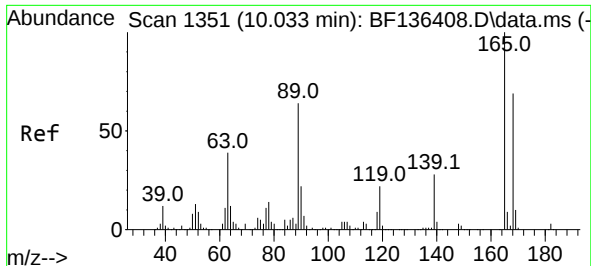
Tgt Ion:163 Resp: 50131
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 450.8 7.4 11.2#



#51
2,6-Dinitrotoluene
Concen: 8.007 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.188 min
Lab File: BF136570.D
Acq: 14 Dec 2023 16:07

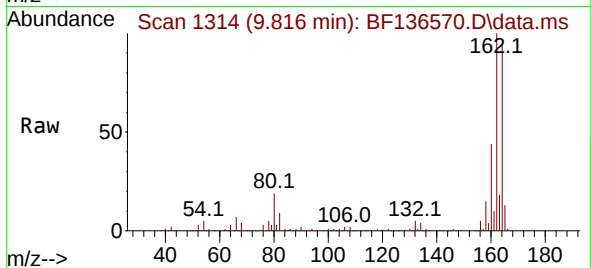
Tgt Ion:165 Resp: 31715
Ion Ratio Lower Upper
165 100
63 0.9 40.4 60.6#
89 1.1 40.6 60.8#



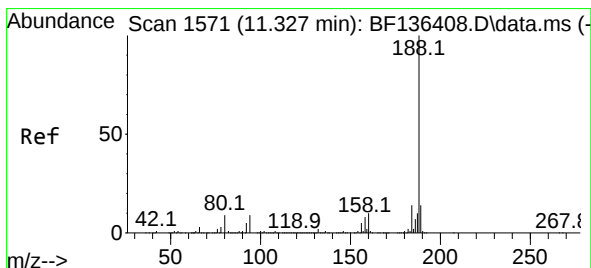
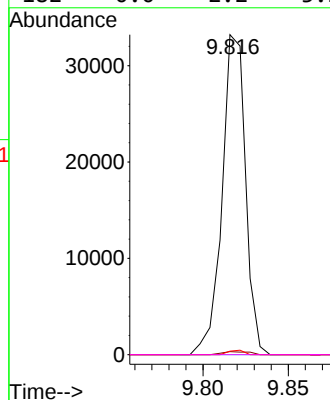
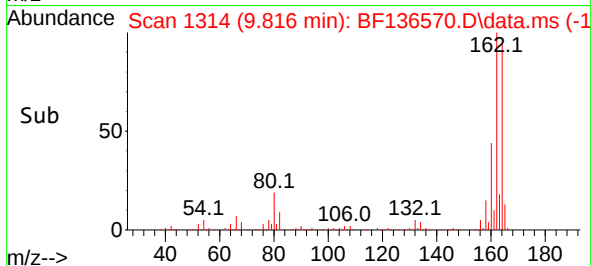


#57
2,4-Dinitrotoluene
Concen: 6.053 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.218 min
Lab File: BF136570.D
Acq: 14 Dec 2023 16:07

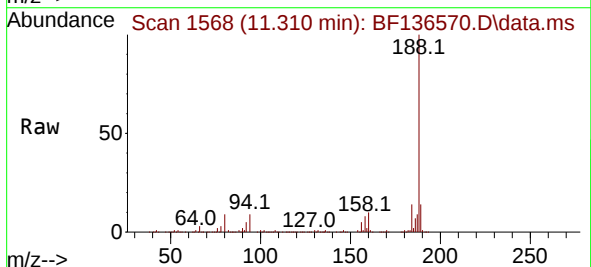
Instrument :
BNA_F
ClientSampleId :



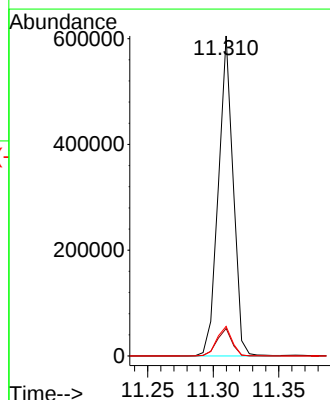
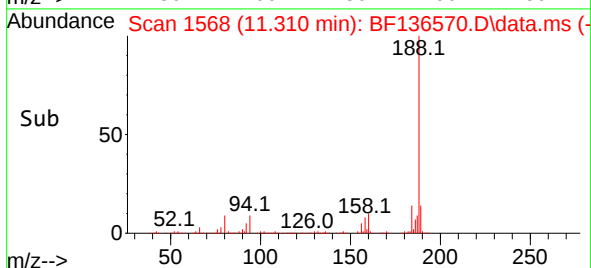
Tgt Ion:165 Resp: 31715
Ion Ratio Lower Upper
165 100
63 0.9 31.4 47.2#
89 1.1 51.7 77.5#
182 0.0 2.2 3.2#

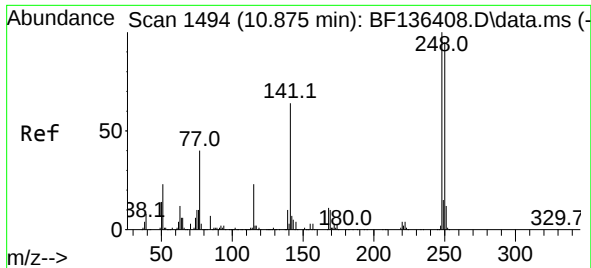


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.018 min
Lab File: BF136570.D
Acq: 14 Dec 2023 16:07



Tgt Ion:188 Resp: 473431
Ion Ratio Lower Upper
188 100
94 8.6 7.2 10.8
80 9.3 7.2 10.8

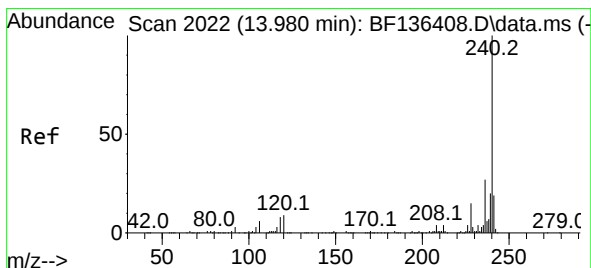
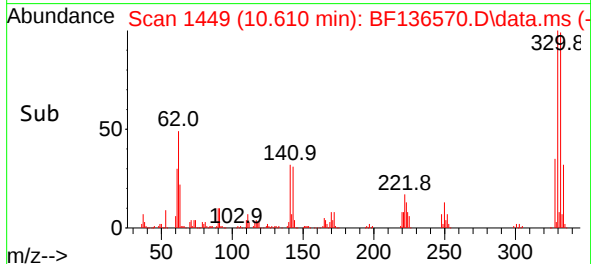
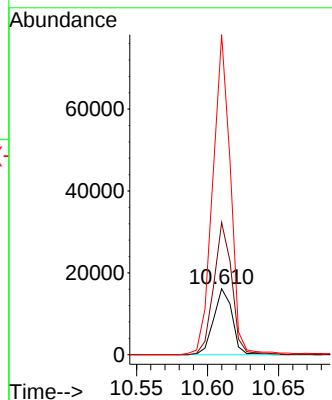
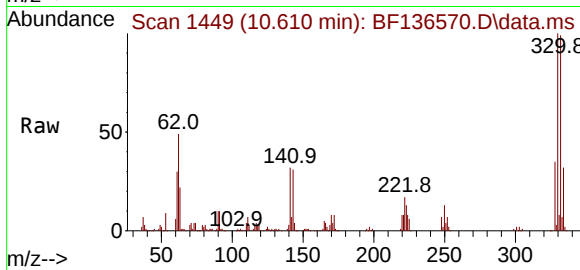




#67
4-Bromophenyl-phenylether
Concen: 2.659 ng
RT: 10.610 min Scan# 1494
Delta R.T. -0.265 min
Lab File: BF136570.D
Acq: 14 Dec 2023 16:07

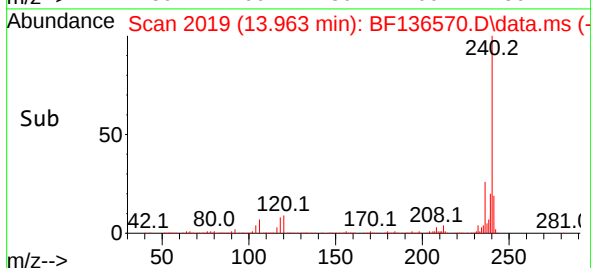
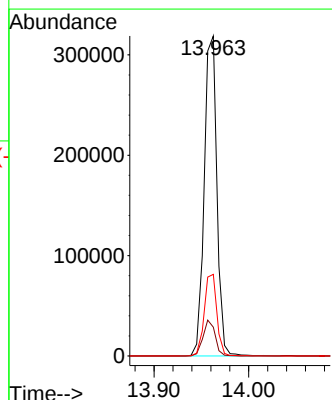
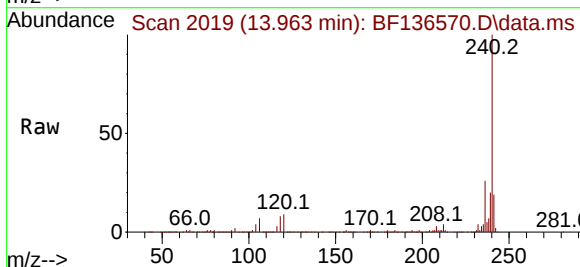
Instrument :
BNA_F
ClientSampleId :

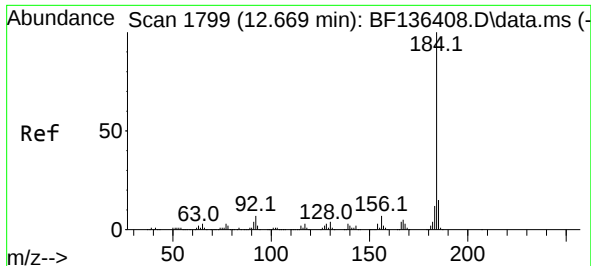
Tgt Ion:248 Resp: 14638
Ion Ratio Lower Upper
248 100
250 200.4 76.2 114.2#
141 485.5 51.0 76.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.018 min
Lab File: BF136570.D
Acq: 14 Dec 2023 16:07

Tgt Ion:240 Resp: 297519
Ion Ratio Lower Upper
240 100
120 9.0 7.3 10.9
236 25.5 21.3 31.9

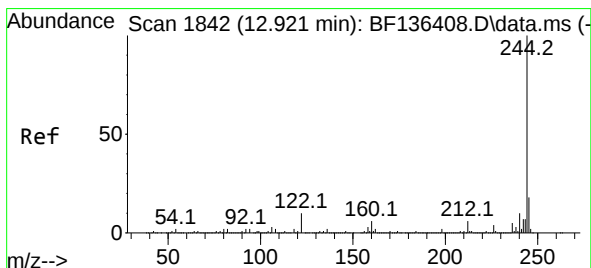
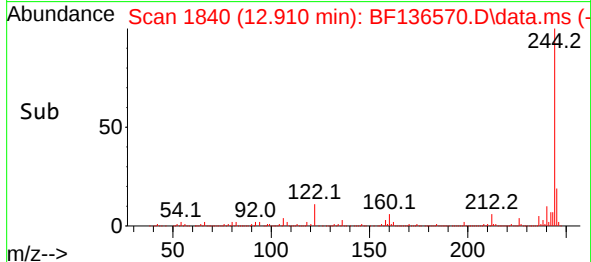
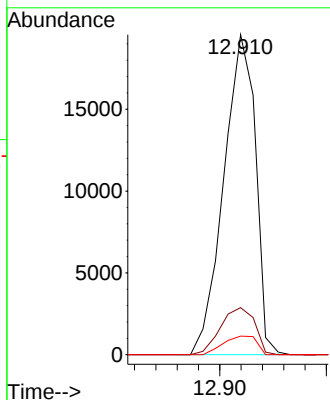
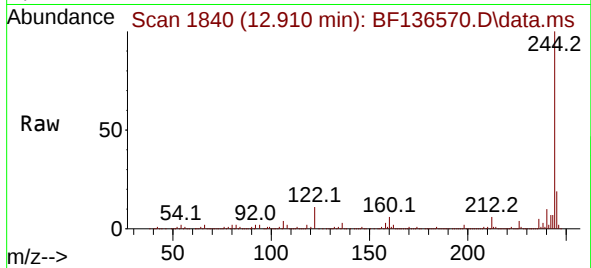




#77
Benzidine
Concen: 3.530 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.241 min
Lab File: BF136570.D
Acq: 14 Dec 2023 16:07

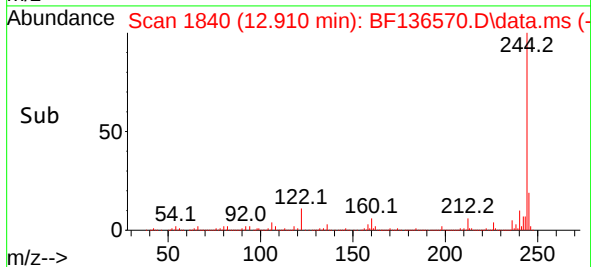
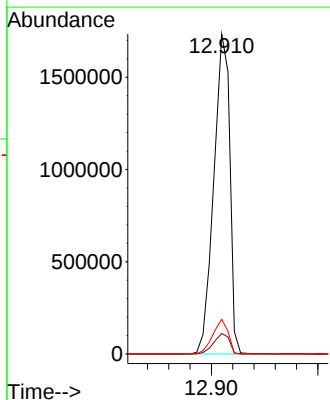
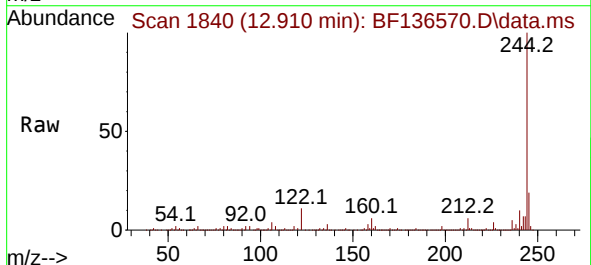
Instrument :
BNA_F
ClientSampleId :

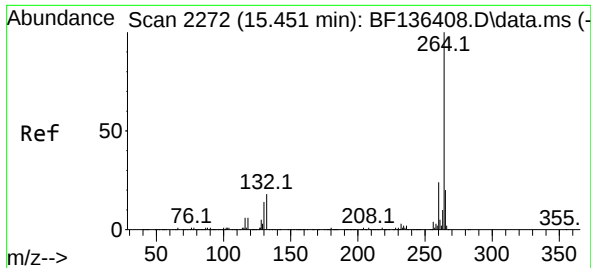
Tgt Ion:184 Resp: 20287
Ion Ratio Lower Upper
184 100
185 14.7 12.0 18.0
183 5.8 9.4 14.0#



#79
Terphenyl-d14
Concen: 80.118 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.012 min
Lab File: BF136570.D
Acq: 14 Dec 2023 16:07

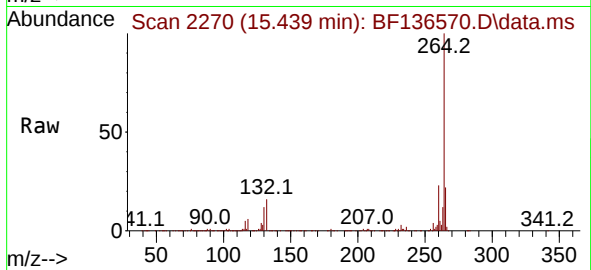
Tgt Ion:244 Resp: 1808474
Ion Ratio Lower Upper
244 100
212 6.4 5.0 7.4
122 10.9 8.3 12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF136570.D
Acq: 14 Dec 2023 16:07

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 240918
Ion Ratio Lower Upper
264 100
260 22.7 19.2 28.8
265 21.8 15.9 23.9

