

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
 Data File : BF136904.D
 Acq On : 03 Jan 2024 13:08
 Operator : CG\JU
 Sample : PB158147BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158147BL

Quant Time: Jan 03 13:47:38 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)

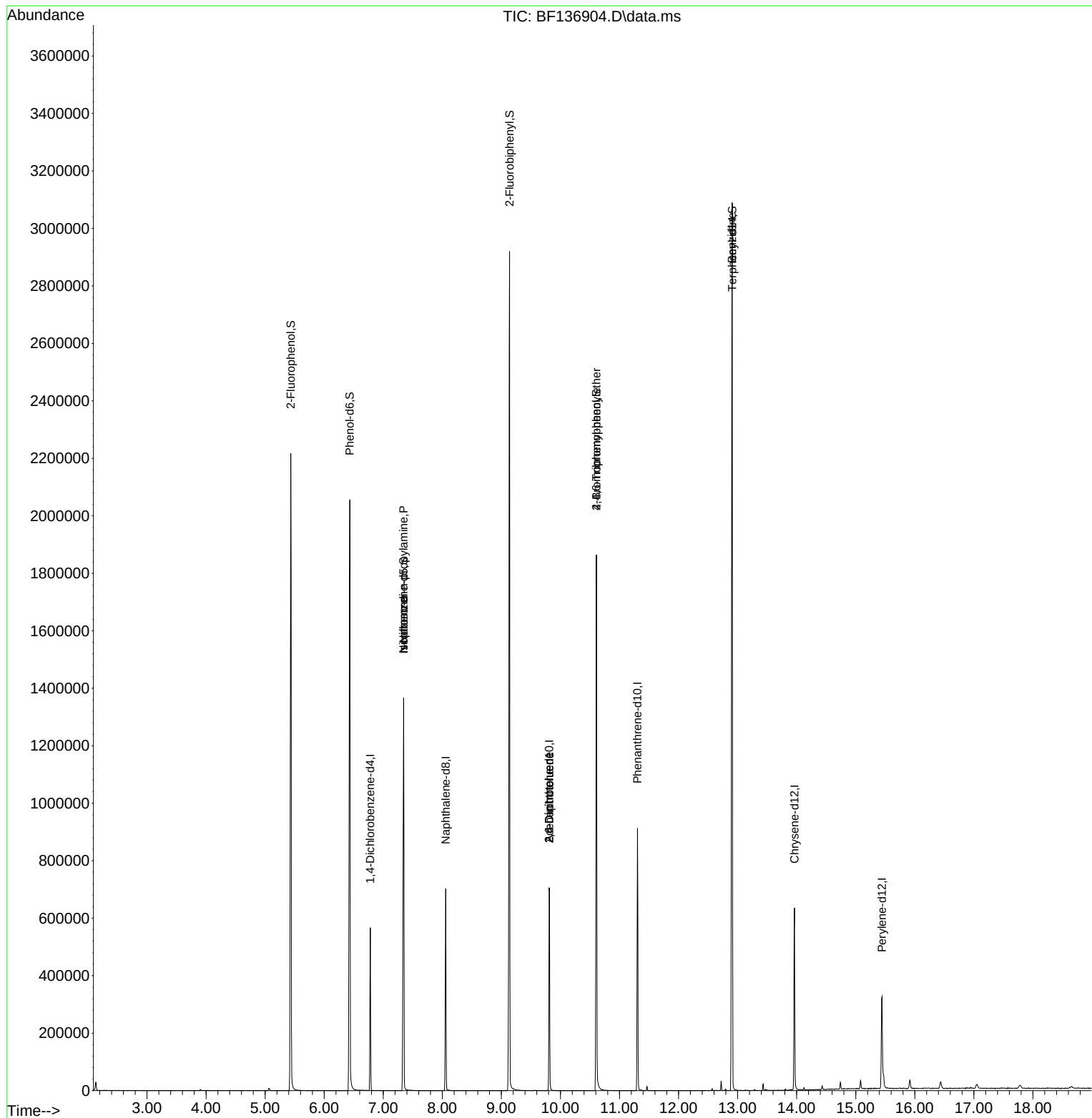
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	77967	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	300382	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	158538	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	339371	20.000	ng	-0.01
76) Chrysene-d12	13.962	240	228048	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	173155	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	664627	133.006	ng	0.00
7) Phenol-d6	6.434	99	829541	128.117	ng	0.00
23) Nitrobenzene-d5	7.345	82	499968	85.171	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	251971	134.950	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	1013164	85.954	ng	-0.01
79) Terphenyl-d14	12.910	244	1237753	75.849	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.345	70	65900	16.790	ng	# 74
25) Isophorone	7.345	82	496941	46.524	ng	# 65
51) 2,6-Dinitrotoluene	9.810	165	20494	7.798	ng	# 29
57) 2,4-Dinitrotoluene	9.810	165	20494	6.007	ng	# 20
67) 4-Bromophenyl-phenylether	10.610	248	14541	3.858	ng	# 1
77) Benzidine	12.904	184	13614	2.025	ng	# 87

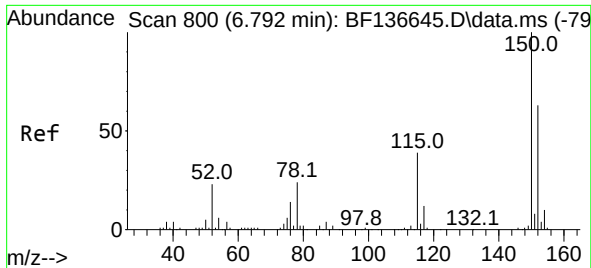
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
Data File : BF136904.D
Acq On : 03 Jan 2024 13:08
Operator : CG\JU
Sample : PB158147BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB158147BL

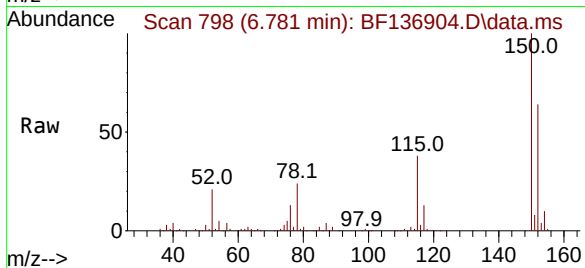
Quant Time: Jan 03 13:47:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration



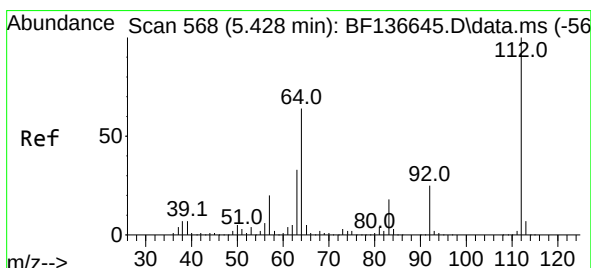
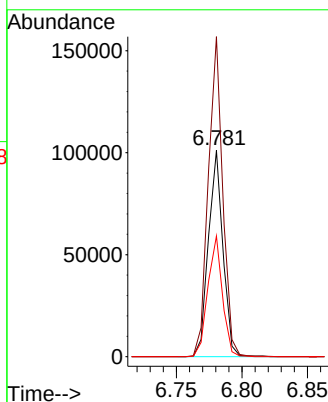
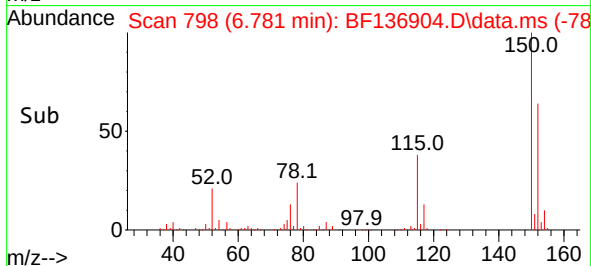


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136904.D
Acq: 03 Jan 2024 13:08

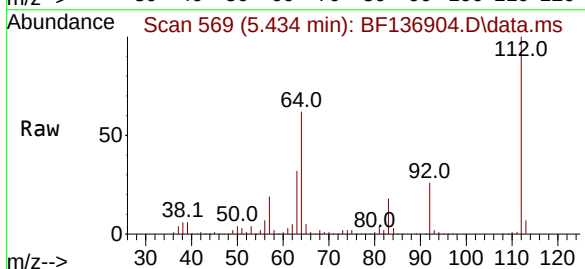
Instrument :
BNA_F
ClientSampleId :
PB158147BL



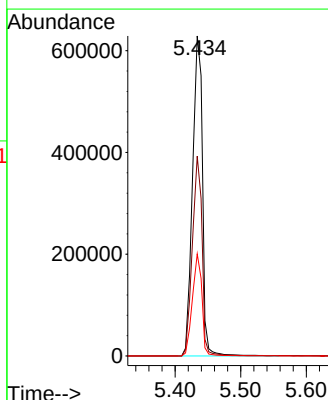
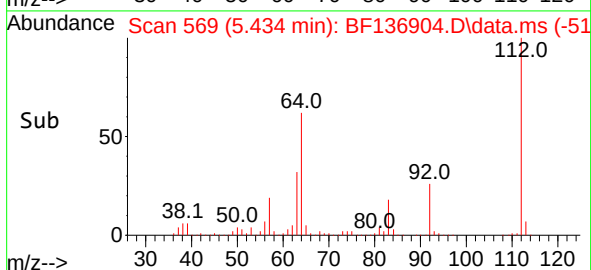
Tgt Ion:152 Resp: 77967
Ion Ratio Lower Upper
152 100
150 155.1 127.0 190.6
115 58.5 49.0 73.4

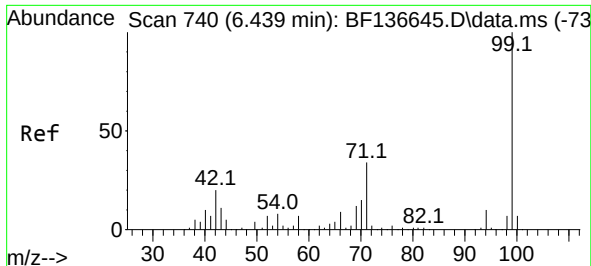


#5
2-Fluorophenol
Concen: 133.006 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF136904.D
Acq: 03 Jan 2024 13:08



Tgt Ion:112 Resp: 664627
Ion Ratio Lower Upper
112 100
64 62.4 51.1 76.7
63 31.9 26.1 39.1

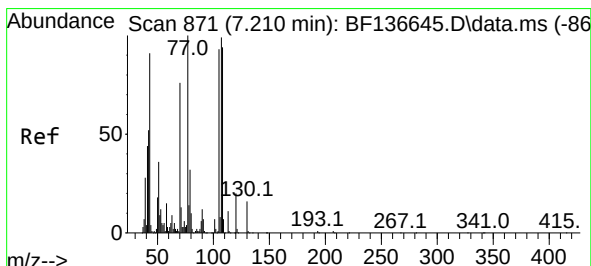
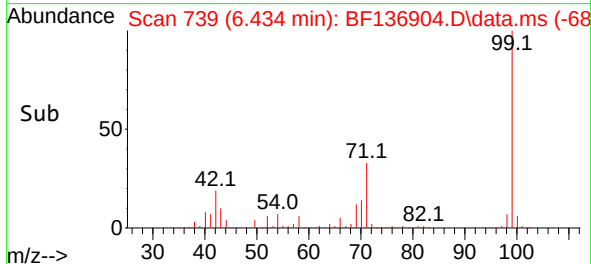
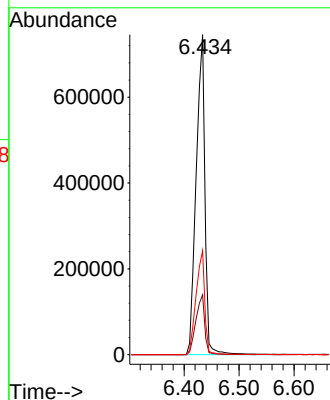
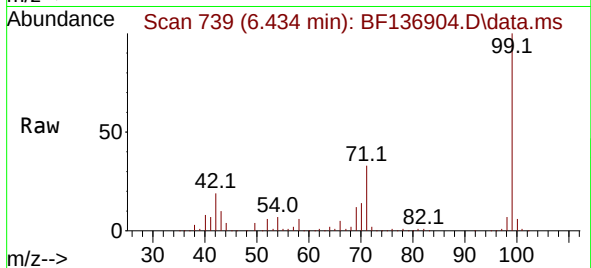




#7
Phenol-d6
Concen: 128.117 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136904.D
Acq: 03 Jan 2024 13:08

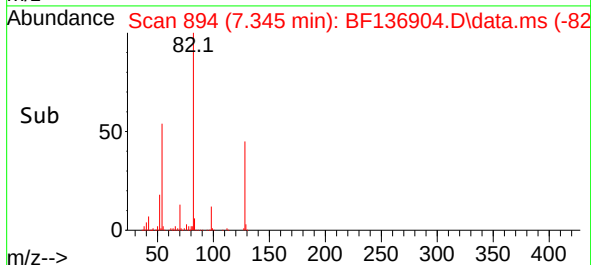
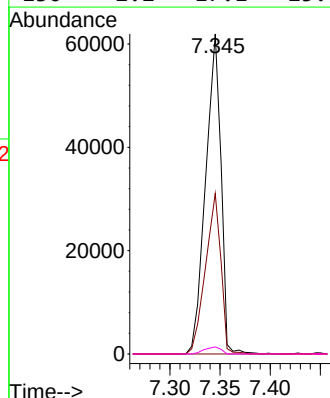
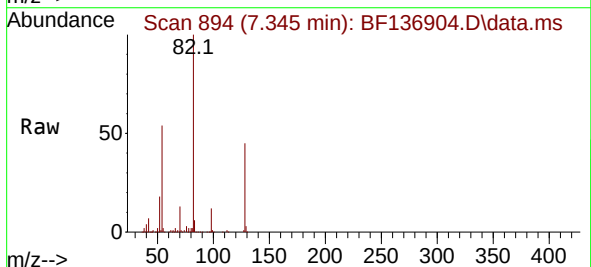
Instrument :
BNA_F
ClientSampleId :
PB158147BL

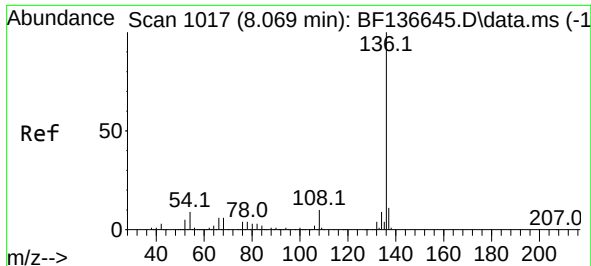
Tgt Ion: 99 Resp: 829541
Ion Ratio Lower Upper
99 100
42 18.7 16.1 24.1
71 32.5 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 16.790 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136904.D
Acq: 03 Jan 2024 13:08

Tgt Ion: 70 Resp: 65900
Ion Ratio Lower Upper
70 100
42 50.1 54.2 81.4#
101 0.0 7.6 11.4#
130 2.2 17.1 25.7#

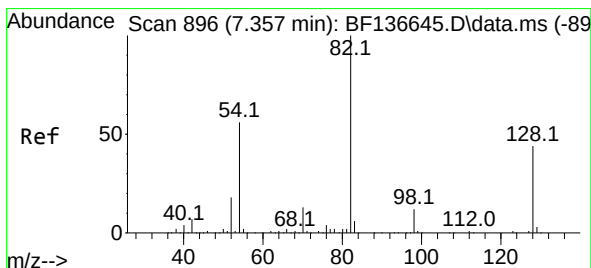
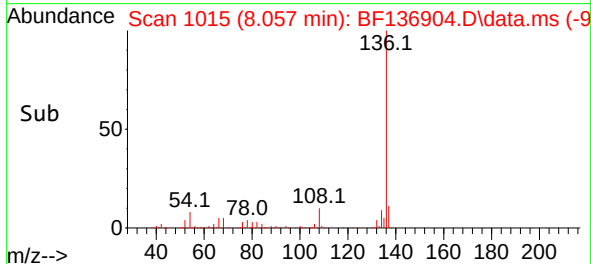
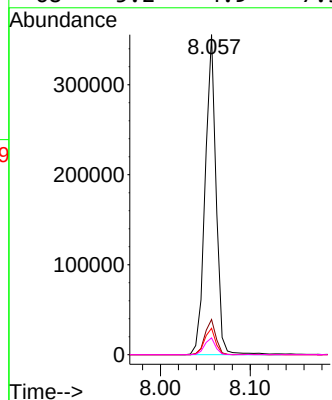
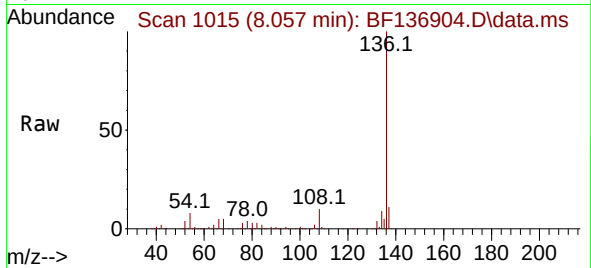




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF136904.D
Acq: 03 Jan 2024 13:08

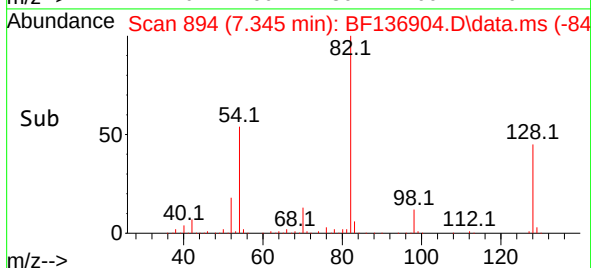
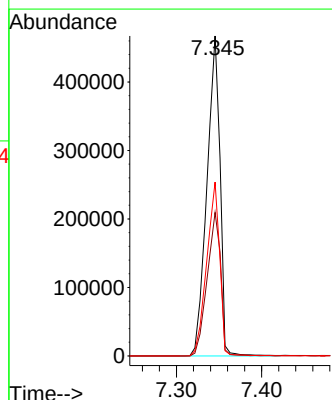
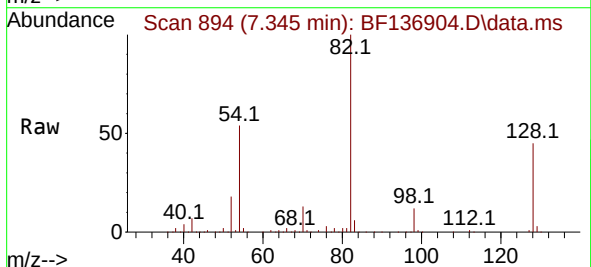
Instrument :
BNA_F
ClientSampleId :
PB158147BL

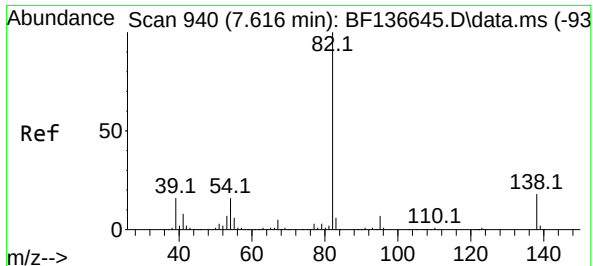
Tgt Ion:136 Resp: 300382
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 8.3 7.2 10.8
68 5.2 4.9 7.3



#23
Nitrobenzene-d5
Concen: 85.171 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136904.D
Acq: 03 Jan 2024 13:08

Tgt Ion: 82 Resp: 499968
Ion Ratio Lower Upper
82 100
128 44.9 35.3 52.9
54 54.4 44.5 66.7

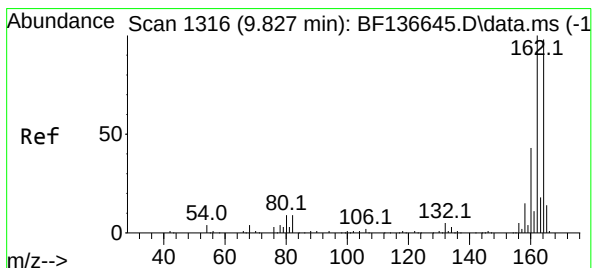
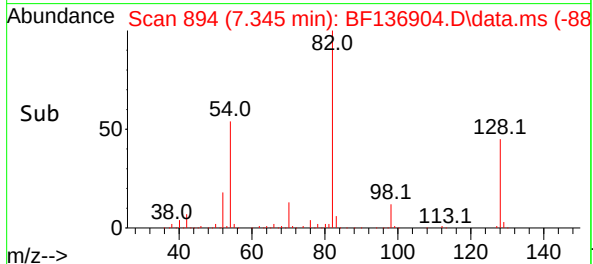
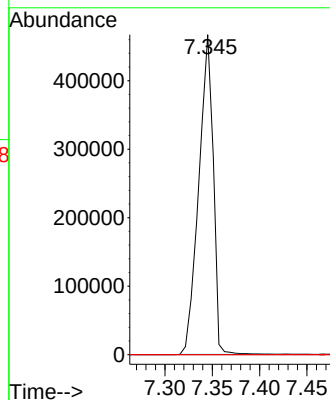
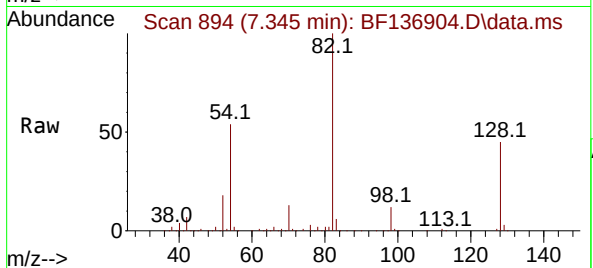




#25
Isophorone
Concen: 46.524 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.271 min
Lab File: BF136904.D
Acq: 03 Jan 2024 13:08

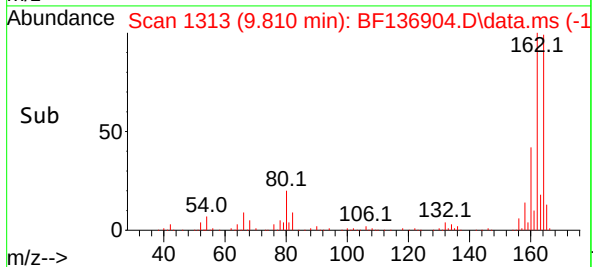
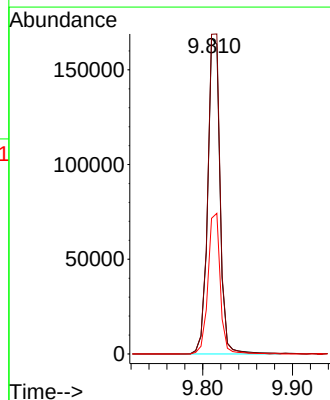
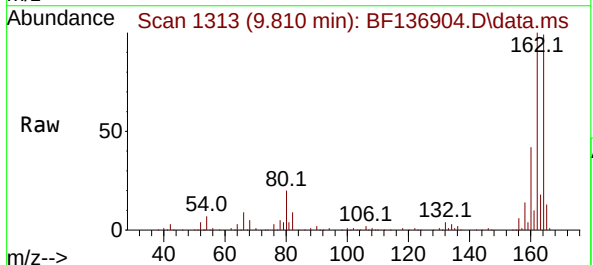
Instrument :
BNA_F
ClientSampleId :
PB158147BL

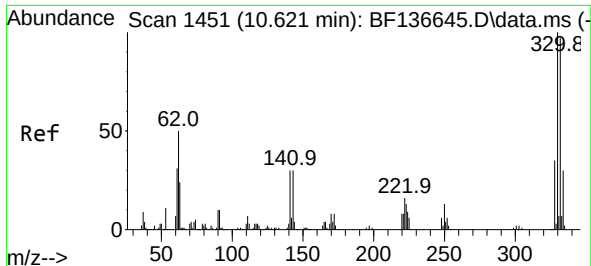
Tgt Ion: 82 Resp: 496941
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.018 min
Lab File: BF136904.D
Acq: 03 Jan 2024 13:08

Tgt Ion:164 Resp: 158538
Ion Ratio Lower Upper
164 100
162 101.3 81.6 122.4
160 43.0 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 134.950 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF136904.D

Acq: 03 Jan 2024 13:08

Instrument :

BNA_F

ClientSampleId :

PB158147BL

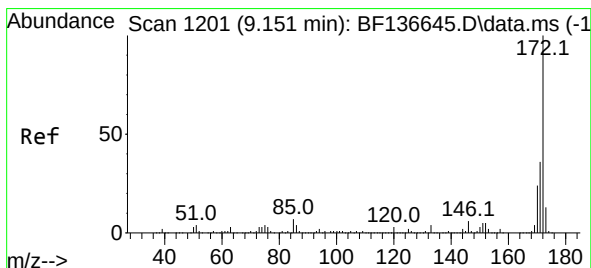
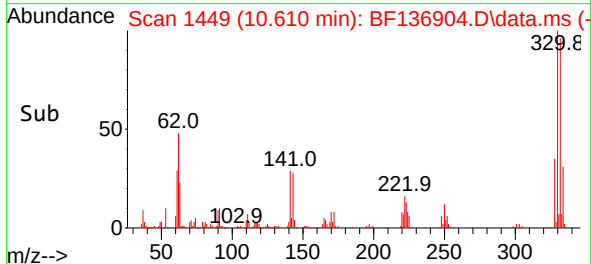
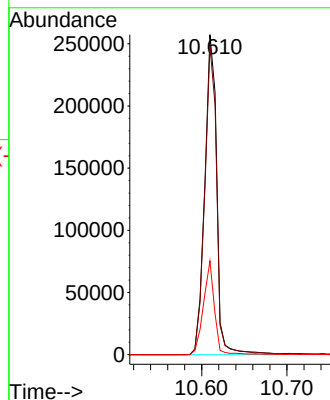
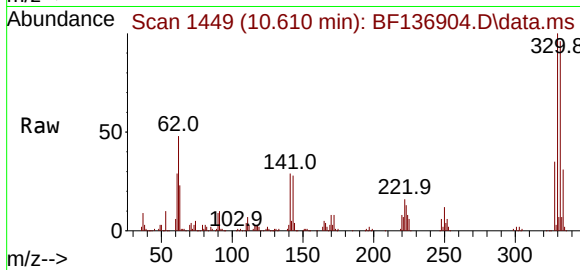
Tgt Ion:330 Resp: 251971

Ion Ratio Lower Upper

330 100

332 96.0 77.4 116.0

141 27.2 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 85.954 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136904.D

Acq: 03 Jan 2024 13:08

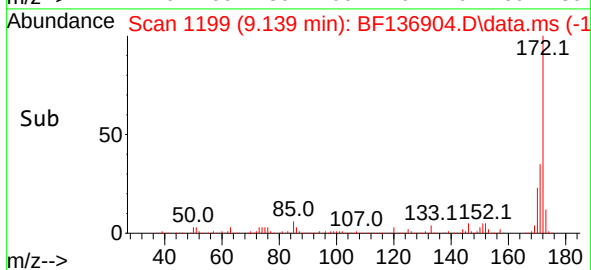
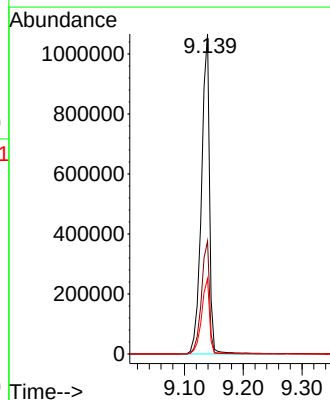
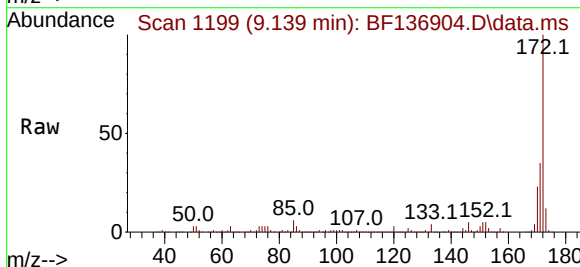
Tgt Ion:172 Resp: 1013164

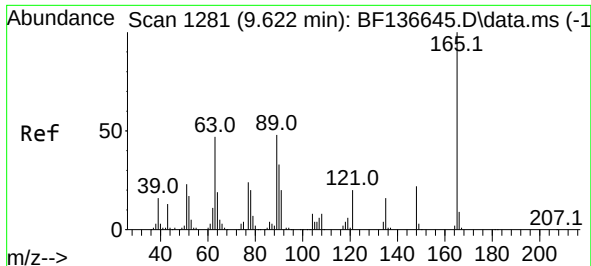
Ion Ratio Lower Upper

172 100

171 35.3 29.0 43.6

170 23.5 19.0 28.4

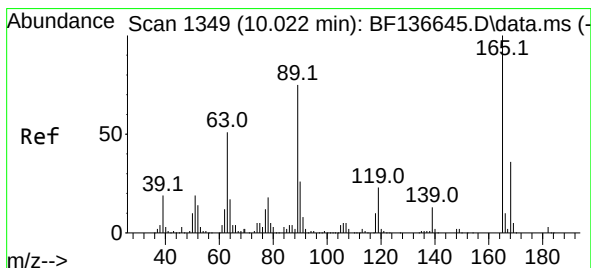
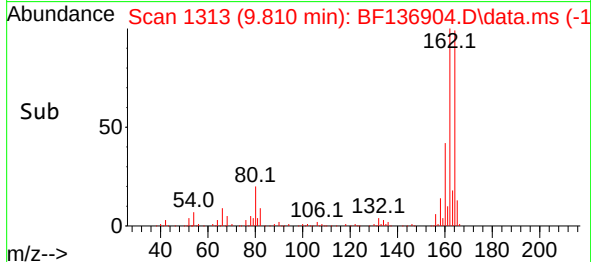
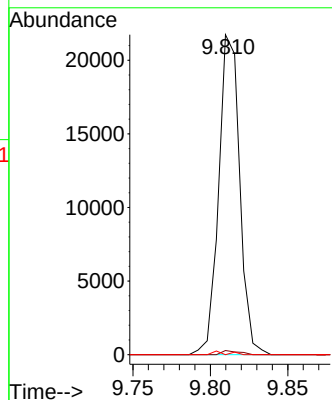
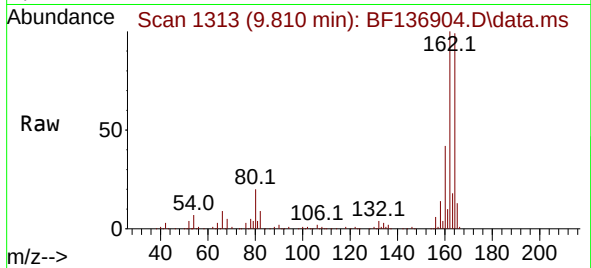




#51
2,6-Dinitrotoluene
Concen: 7.798 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.188 min
Lab File: BF136904.D
Acq: 03 Jan 2024 13:08

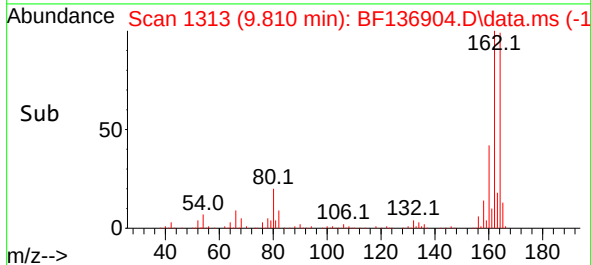
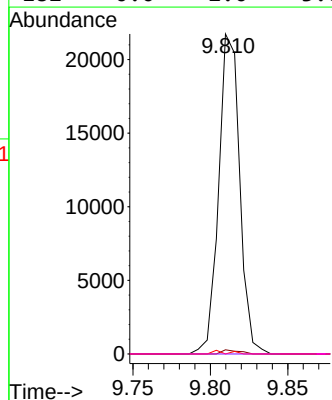
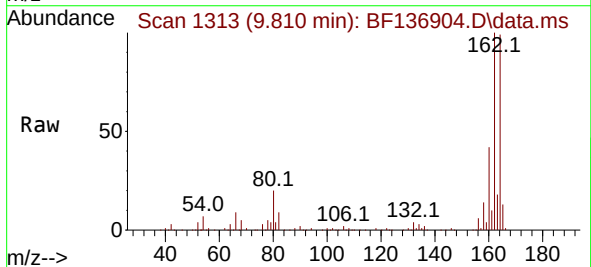
Instrument :
BNA_F
ClientSampleId :
PB158147BL

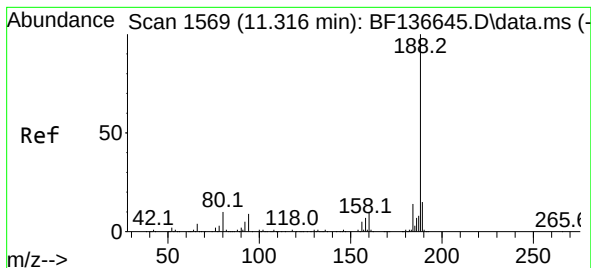
Tgt Ion:165 Resp: 20494
Ion Ratio Lower Upper
165 100
63 1.3 39.8 59.6#
89 0.0 38.8 58.2#



#57
2,4-Dinitrotoluene
Concen: 6.007 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.212 min
Lab File: BF136904.D
Acq: 03 Jan 2024 13:08

Tgt Ion:165 Resp: 20494
Ion Ratio Lower Upper
165 100
63 1.3 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: 11.304 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136904.D

Acq: 03 Jan 2024 13:08

Instrument :

BNA_F

ClientSampleId :

PB158147BL

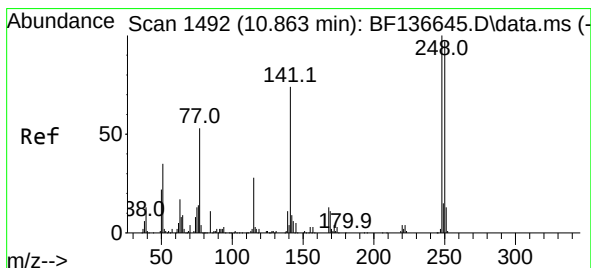
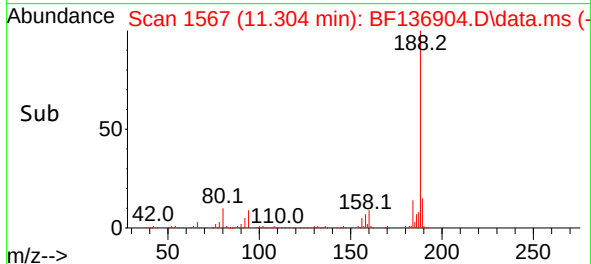
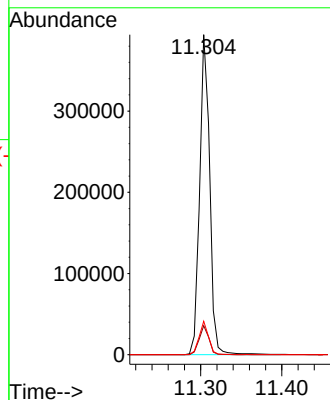
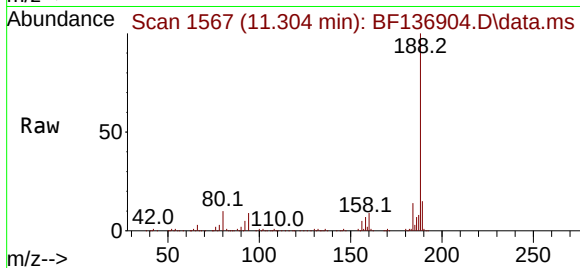
Tgt Ion:188 Resp: 339371

Ion Ratio Lower Upper

188 100

94 9.0 7.5 11.3

80 10.5 8.1 12.1



#67

4-Bromophenyl-phenylether

Concen: 3.858 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.253 min

Lab File: BF136904.D

Acq: 03 Jan 2024 13:08

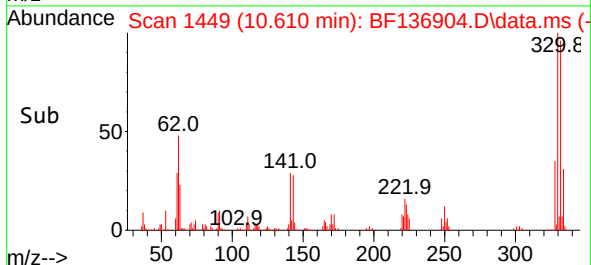
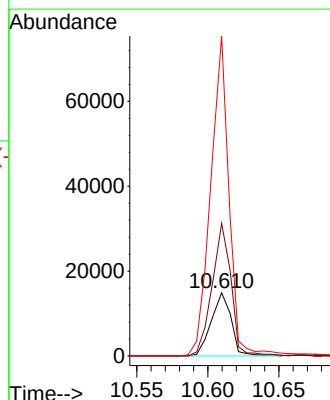
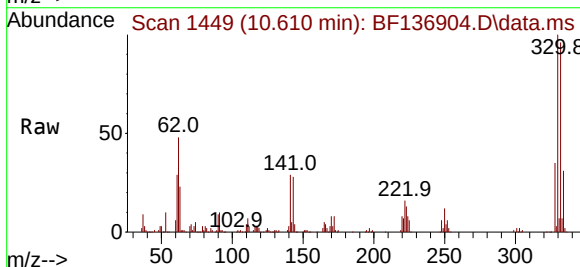
Tgt Ion:248 Resp: 14541

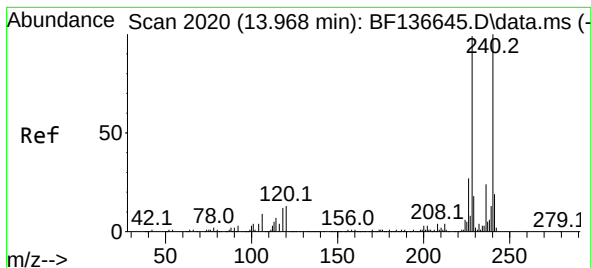
Ion Ratio Lower Upper

248 100

250 209.7 77.8 116.6#

141 506.0 59.2 88.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.962 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136904.D

Acq: 03 Jan 2024 13:08

Instrument :

BNA_F

ClientSampleId :

PB158147BL

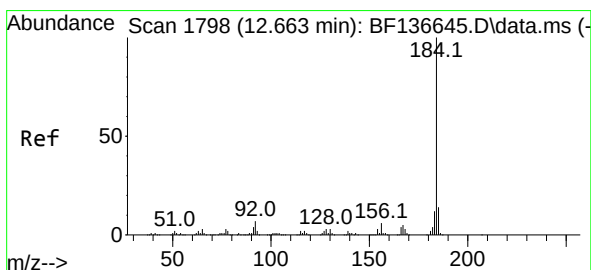
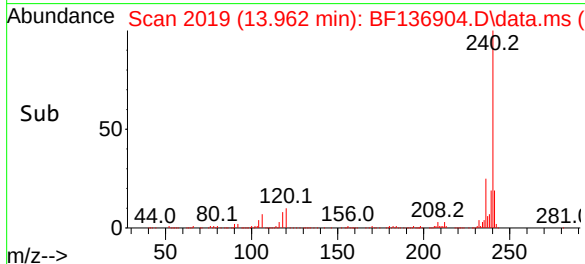
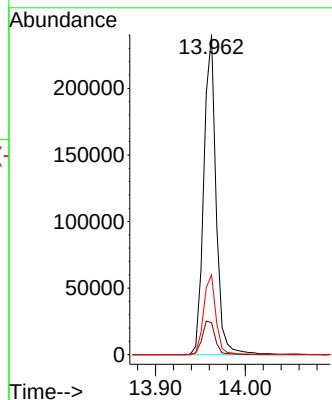
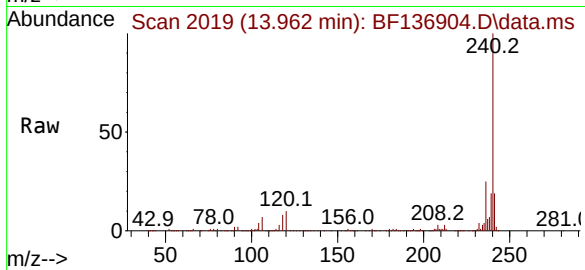
Tgt Ion:240 Resp: 228048

Ion Ratio Lower Upper

240 100

120 10.0 10.3 15.5#

236 24.9 19.4 29.2



#77

Benzidine

Concen: 2.025 ng

RT: 12.904 min Scan# 1839

Delta R.T. 0.241 min

Lab File: BF136904.D

Acq: 03 Jan 2024 13:08

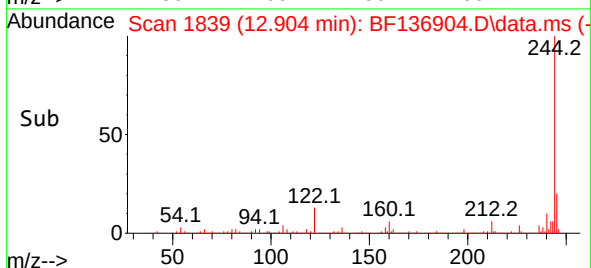
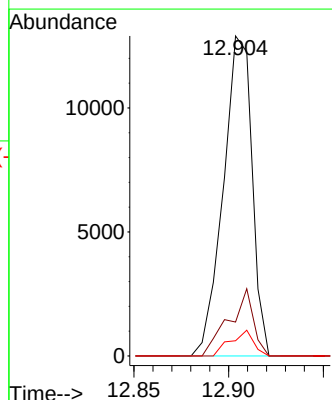
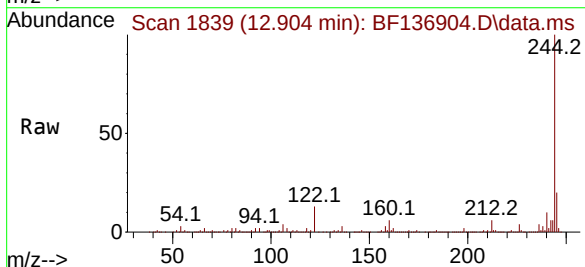
Tgt Ion:184 Resp: 13614

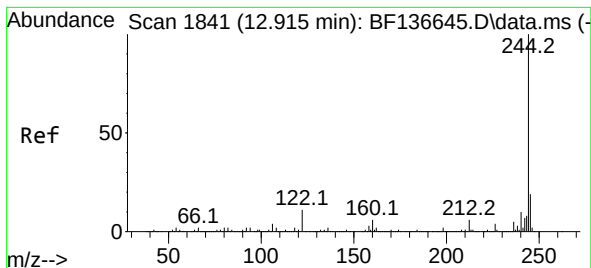
Ion Ratio Lower Upper

184 100

185 10.6 11.2 16.8#

183 4.8 9.3 13.9#





#79

Terphenyl-d14

Concen: 75.849 ng

RT: 12.910 min Scan# 1840

Delta R.T. -0.006 min

Lab File: BF136904.D

Acq: 03 Jan 2024 13:08

Instrument :

BNA_F

ClientSampleId :

PB158147BL

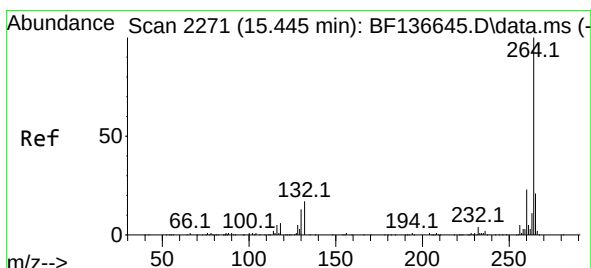
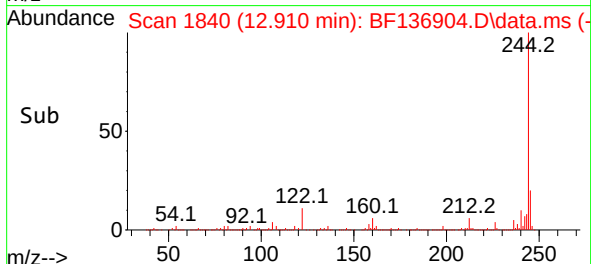
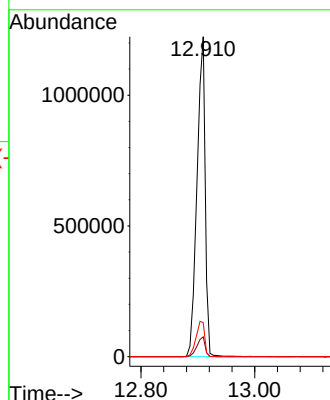
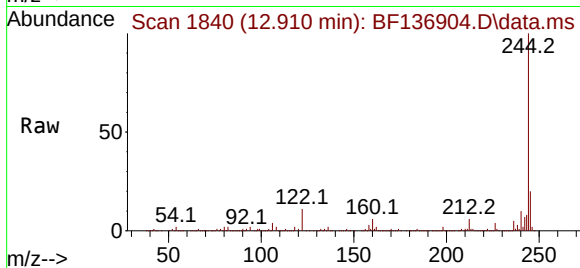
Tgt Ion:244 Resp: 1237753

Ion Ratio Lower Upper

244 100

212 6.2 5.0 7.4

122 10.7 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2271

Delta R.T. -0.000 min

Lab File: BF136904.D

Acq: 03 Jan 2024 13:08

Tgt Ion:264 Resp: 173155

Ion Ratio Lower Upper

264 100

260 23.0 18.3 27.5

265 21.3 17.0 25.6

