

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
 Data File : BF136696.D
 Acq On : 22 Dec 2023 20:46
 Operator : CG\JU
 Sample : 05930-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 23 01:55:49 2023
 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)

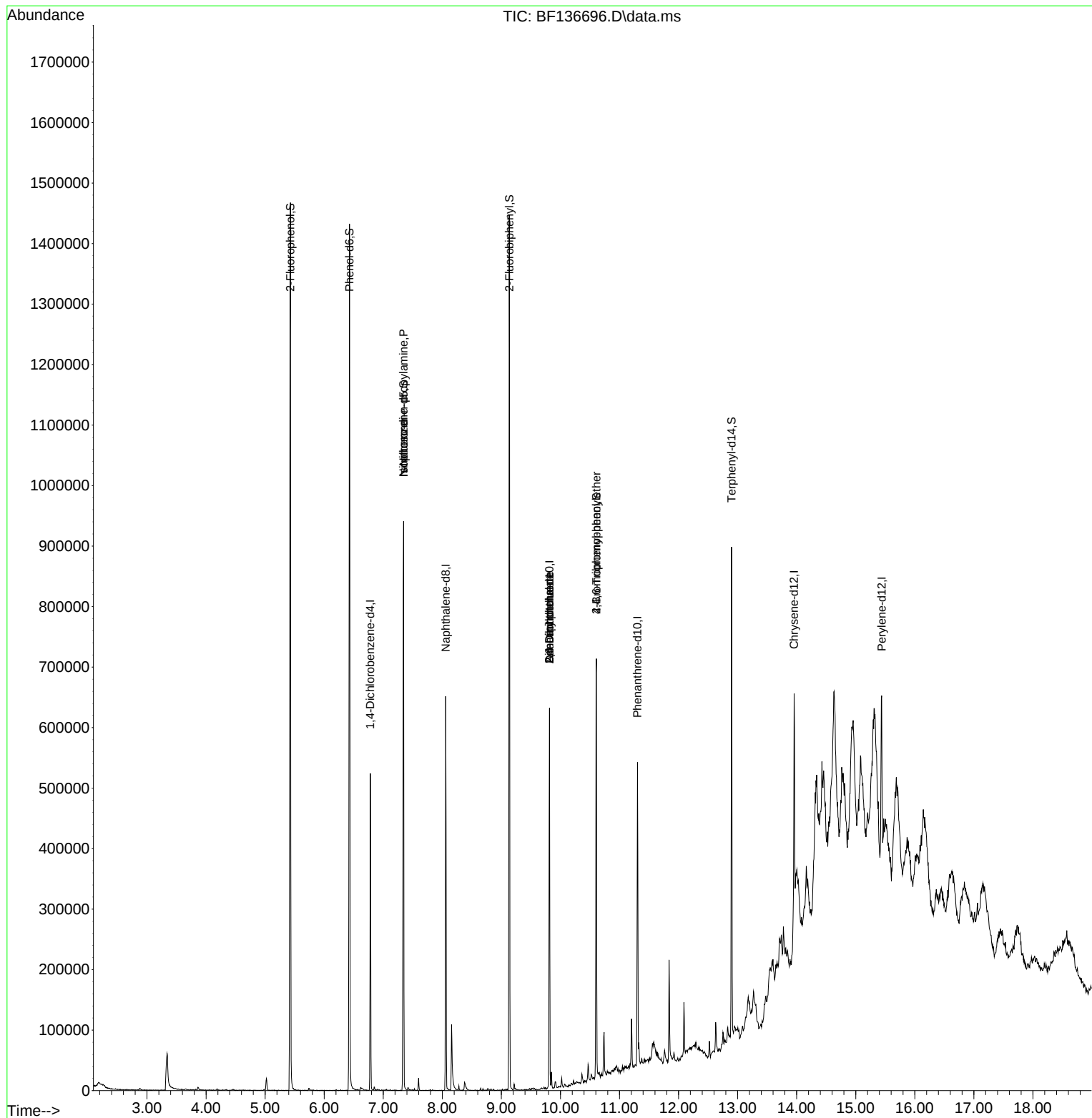
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	71750	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	262411	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	115297	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	172098	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	122125	20.000	ng	-0.01
86) Perylene-d12	15.439	264	139188	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	386135	83.969	ng	0.00
7) Phenol-d6	6.428	99	468795	78.676	ng	-0.01
23) Nitrobenzene-d5	7.345	82	292736	57.085	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	88799	65.395	ng	-0.01
45) 2-Fluorobiphenyl	9.133	172	436009	50.862	ng	-0.02
79) Terphenyl-d14	12.898	244	261391	29.911	ng	-0.02
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	38444	10.643	ng	# 73
25) Isophorone	7.345	82	291573	31.247	ng	# 65
50) Dimethylphthalate	9.816	163	24579	2.919	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	15177	7.941	ng	# 30
57) 2,4-Dinitrotoluene	9.816	165	15177	6.117	ng	# 21
67) 4-Bromophenyl-phenylether	10.610	248	5250	2.747	ng	# 1

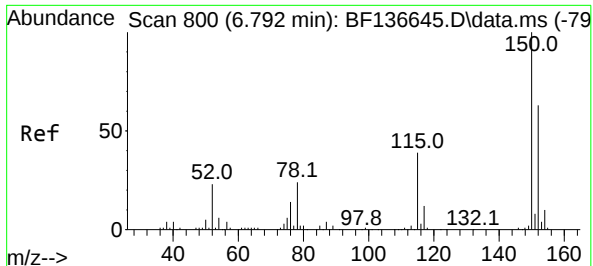
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
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Misc :
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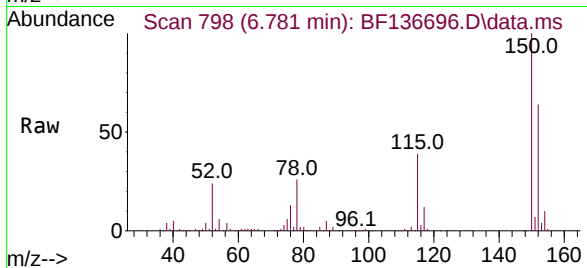
Quant Time: Dec 23 01:55:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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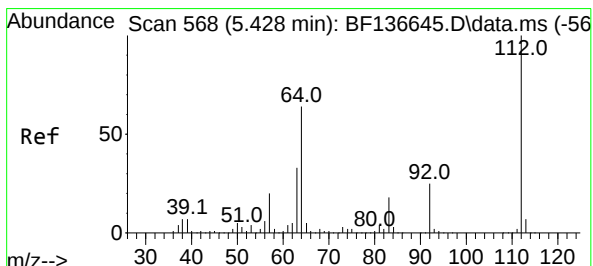
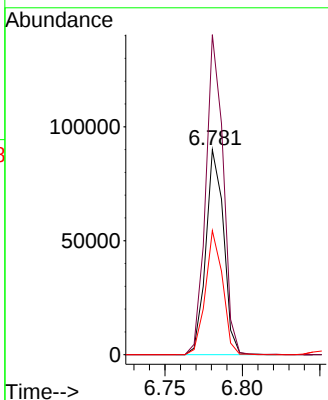
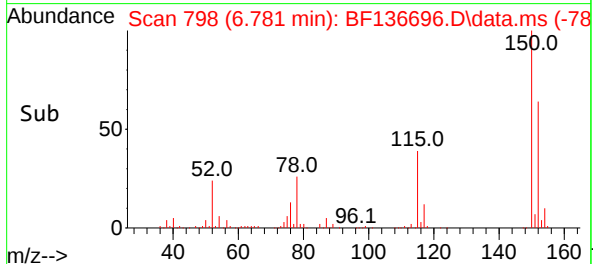


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF136696.D
Acq: 22 Dec 2023 20:46

Instrument :
BNA_F
ClientSampleId :

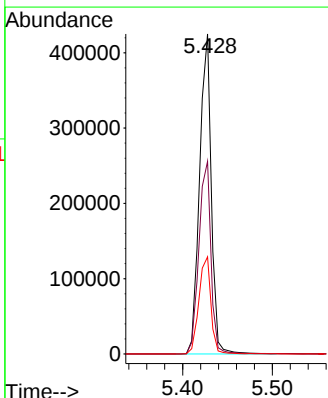
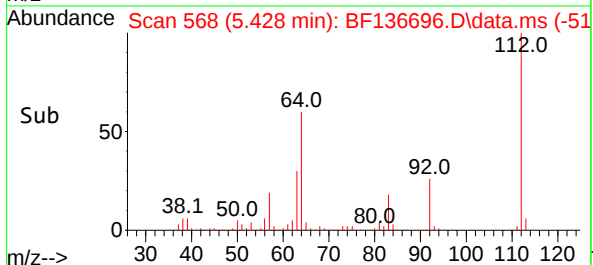
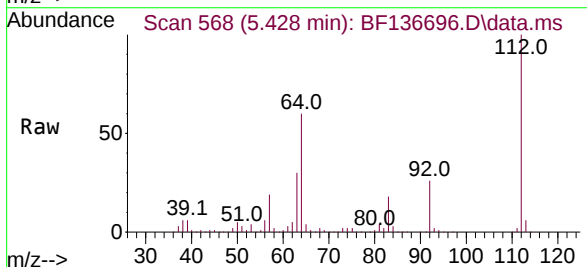


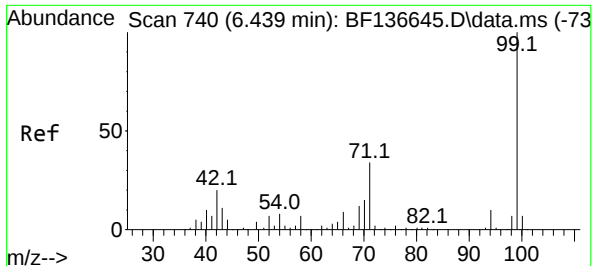
Tgt Ion:152 Resp: 71750
Ion Ratio Lower Upper
152 100
150 156.2 127.0 190.6
115 60.5 49.0 73.4



#5
2-Fluorophenol
Concen: 83.969 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF136696.D
Acq: 22 Dec 2023 20:46

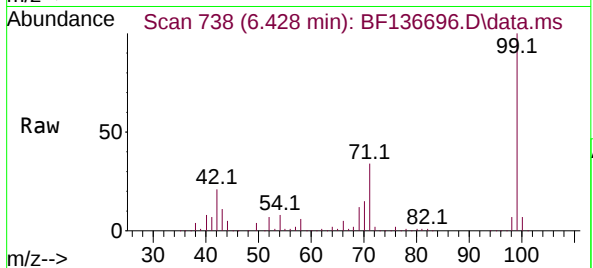
Tgt Ion:112 Resp: 386135
Ion Ratio Lower Upper
112 100
64 60.2 51.1 76.7
63 30.3 26.1 39.1



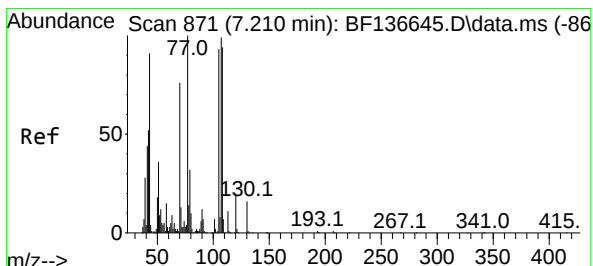
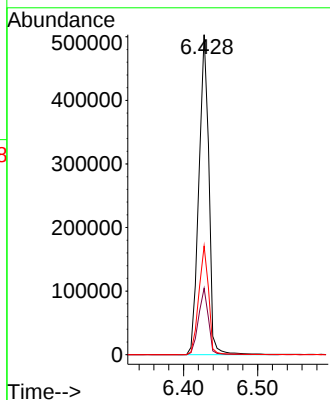
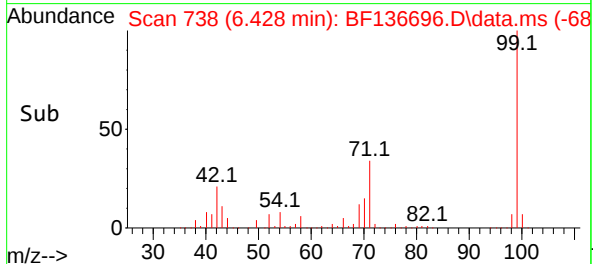


#7
Phenol-d6
Concen: 78.676 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136696.D
Acq: 22 Dec 2023 20:46

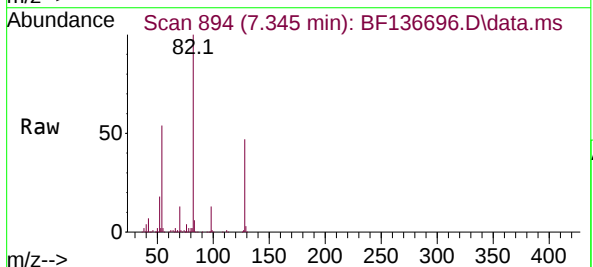
Instrument :
BNA_F
ClientSampleId :



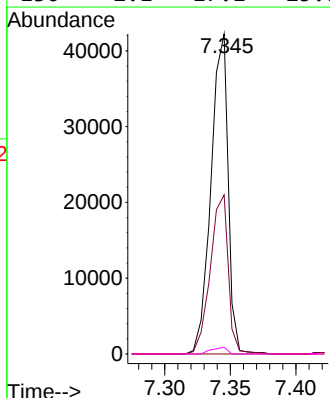
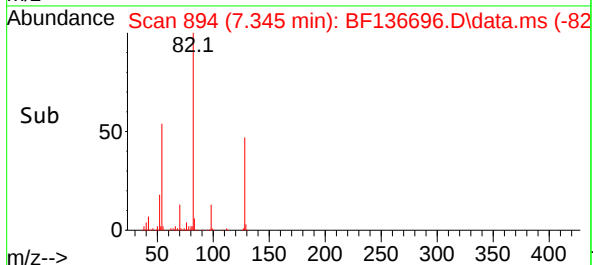
Tgt Ion: 99 Resp: 468795
Ion Ratio Lower Upper
99 100
42 20.7 16.1 24.1
71 33.9 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 10.643 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136696.D
Acq: 22 Dec 2023 20:46



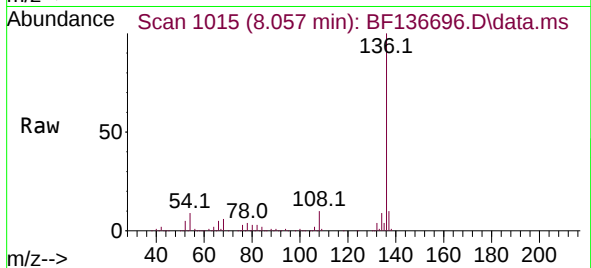
Tgt Ion: 70 Resp: 38444
Ion Ratio Lower Upper
70 100
42 49.7 54.2 81.4#
101 0.0 7.6 11.4#
130 2.1 17.1 25.7#



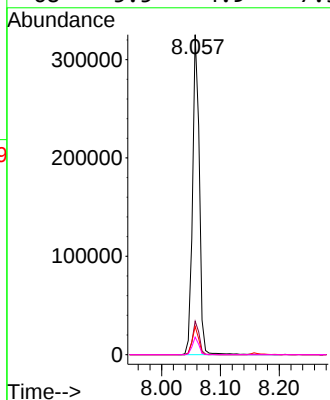
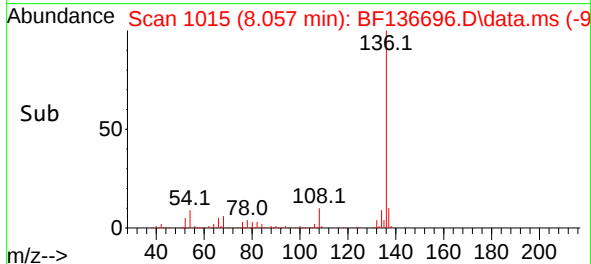


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136696.D
Acq: 22 Dec 2023 20:46

Instrument :
BNA_F
ClientSampleId :

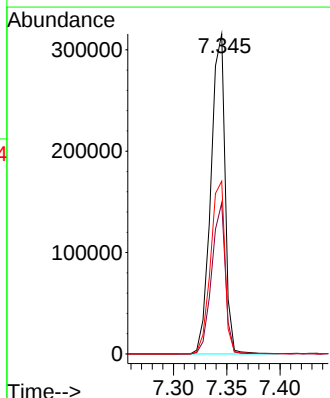
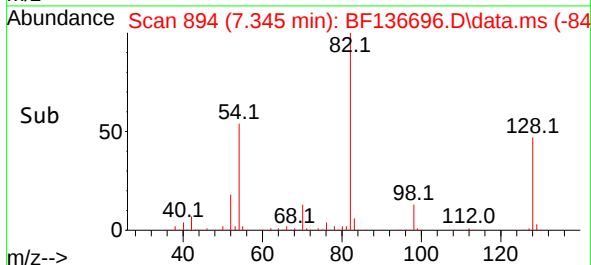
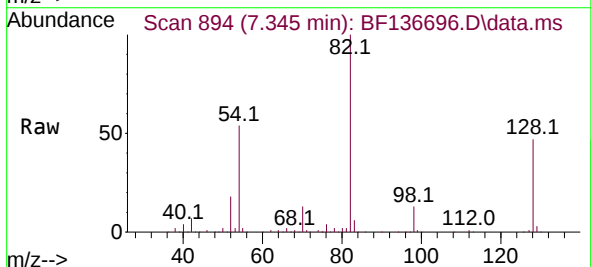


Tgt Ion:136 Resp: 262411
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.4
54 8.8 7.2 10.8
68 5.5 4.9 7.3



#23
Nitrobenzene-d5
Concen: 57.085 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136696.D
Acq: 22 Dec 2023 20:46

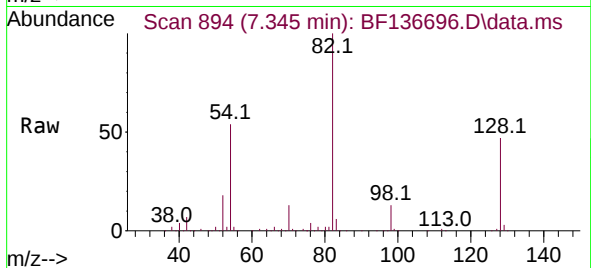
Tgt Ion: 82 Resp: 292736
Ion Ratio Lower Upper
82 100
128 47.2 35.3 52.9
54 54.0 44.5 66.7



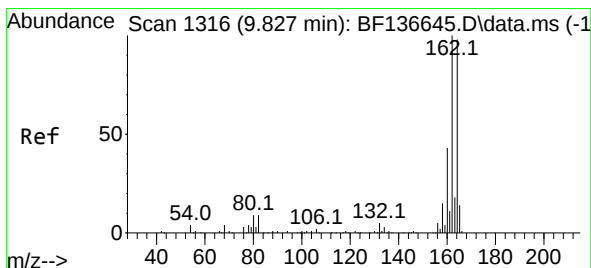
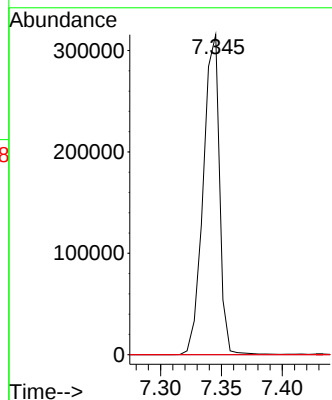
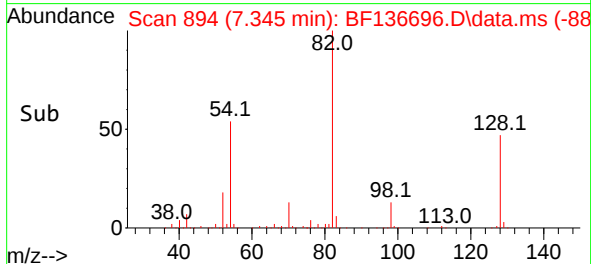


#25
Isophorone
Concen: 31.247 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.271 min
Lab File: BF136696.D
Acq: 22 Dec 2023 20:46

Instrument :
BNA_F
ClientSampleId :

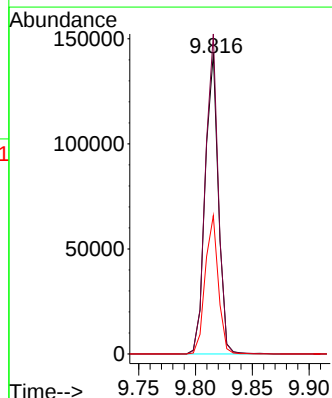
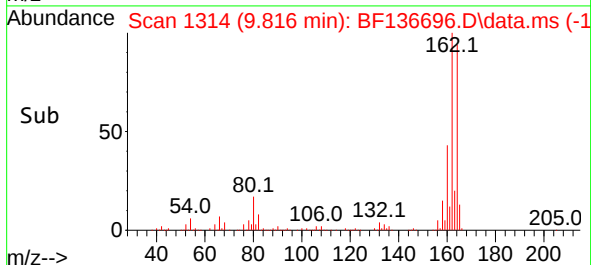
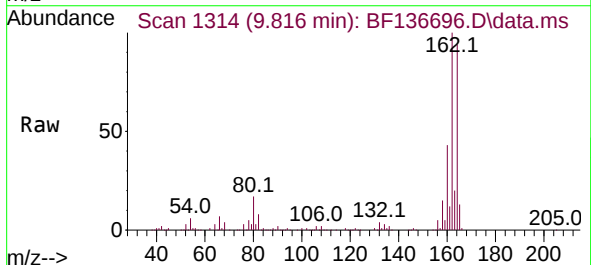


Tgt Ion: 82 Resp: 291573
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136696.D
Acq: 22 Dec 2023 20:46

Tgt Ion: 164 Resp: 115297
Ion Ratio Lower Upper
164 100
162 106.5 81.6 122.4
160 46.0 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 65.395 ng

RT: 10.610 min Scan# 1451

Delta R.T. -0.012 min

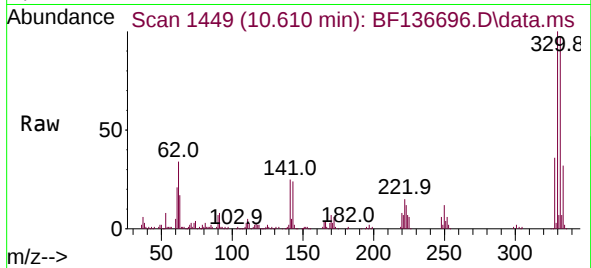
Lab File: BF136696.D

Acq: 22 Dec 2023 20:46

Instrument :

BNA_F

ClientSampleId :



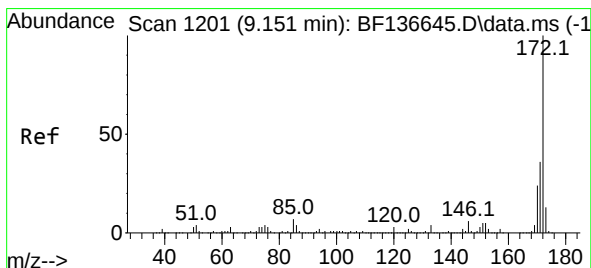
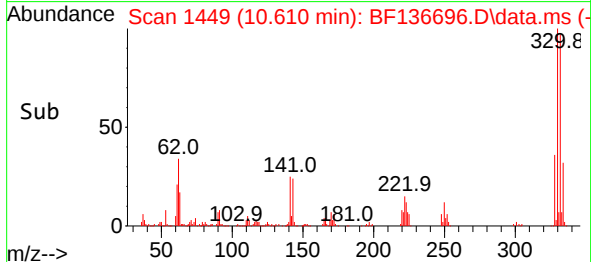
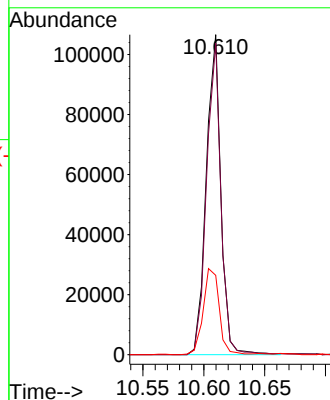
Tgt Ion:330 Resp: 88799

Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.0

141 29.7 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 50.862 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.018 min

Lab File: BF136696.D

Acq: 22 Dec 2023 20:46

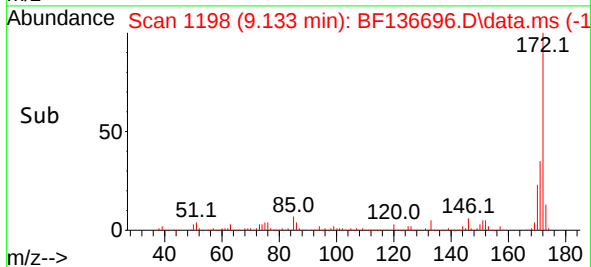
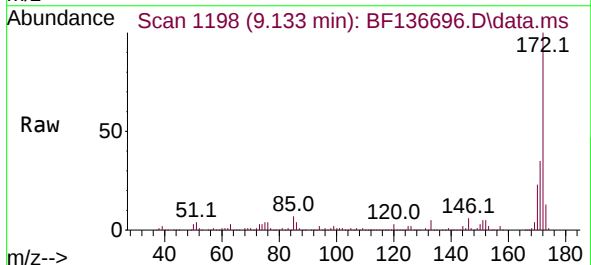
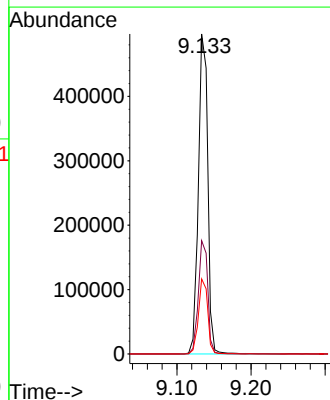
Tgt Ion:172 Resp: 436009

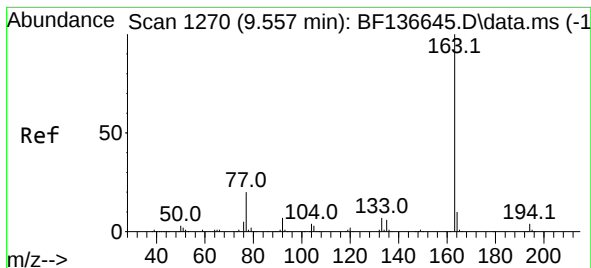
Ion Ratio Lower Upper

172 100

171 35.4 29.0 43.6

170 23.5 19.0 28.4





#50

Dimethylphthalate

Concen: 2.919 ng

RT: 9.816 min Scan# 1314

Delta R.T. 0.259 min

Lab File: BF136696.D

Acq: 22 Dec 2023 20:46

Instrument :

BNA_F

ClientSampleId :

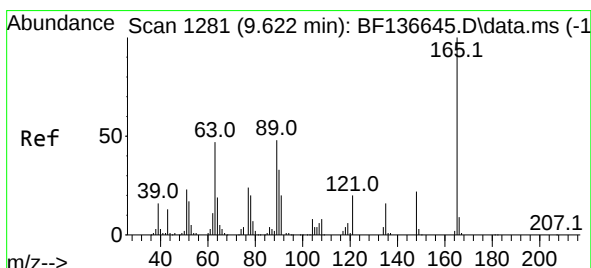
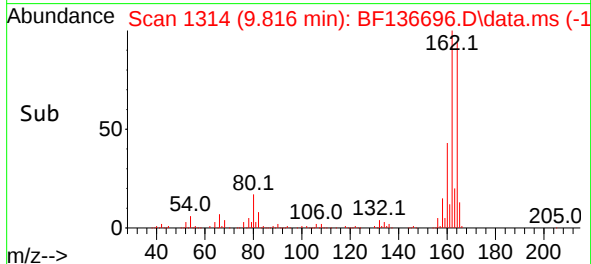
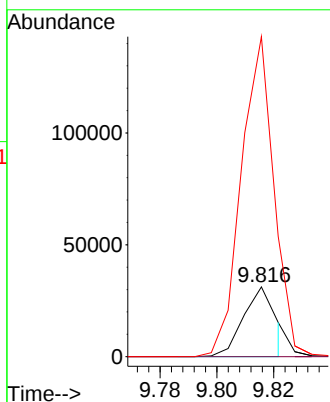
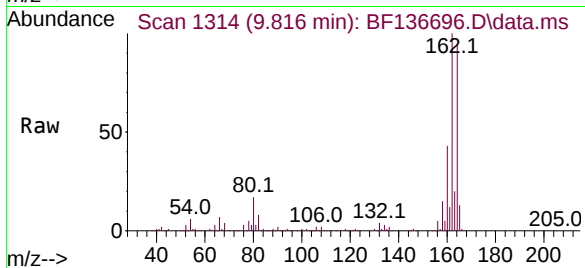
Tgt Ion:163 Resp: 24579

Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 459.1 7.8 11.6#



#51

2,6-Dinitrotoluene

Concen: 7.941 ng

RT: 9.816 min Scan# 1314

Delta R.T. 0.194 min

Lab File: BF136696.D

Acq: 22 Dec 2023 20:46

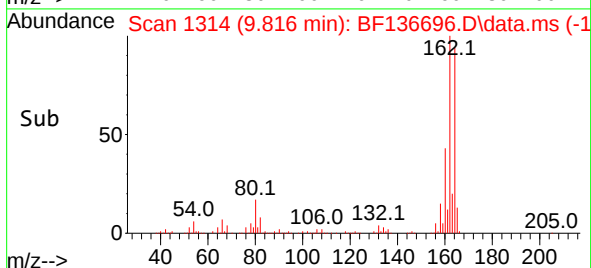
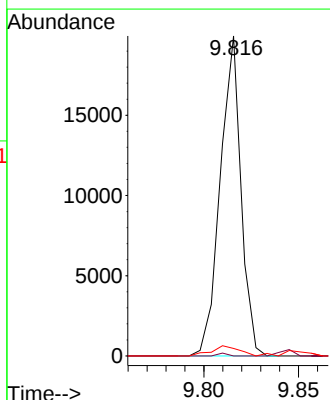
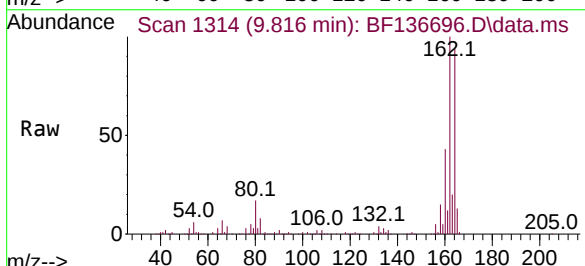
Tgt Ion:165 Resp: 15177

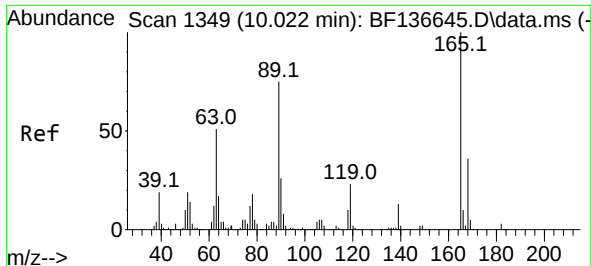
Ion Ratio Lower Upper

165 100

63 0.0 39.8 59.6#

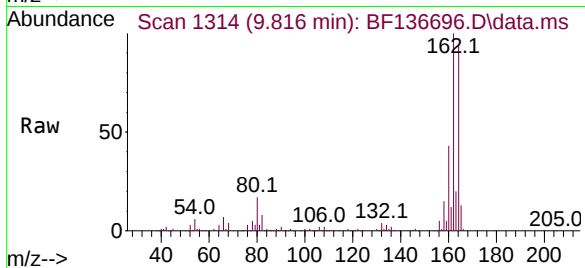
89 2.3 38.8 58.2#



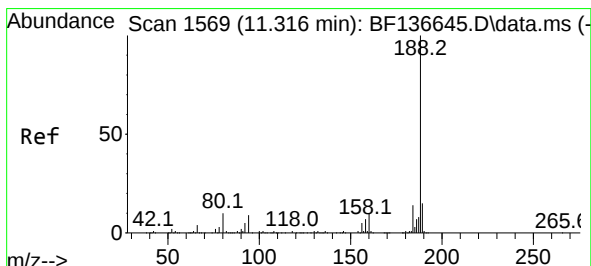
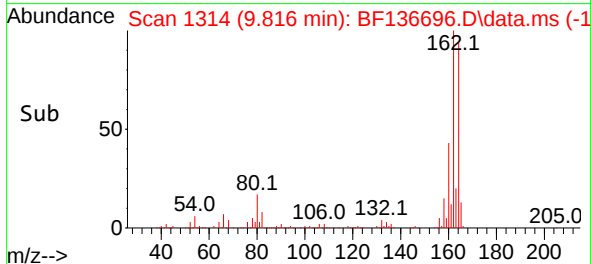
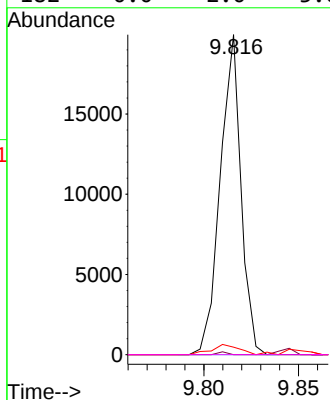


#57
2,4-Dinitrotoluene
Concen: 6.117 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136696.D
Acq: 22 Dec 2023 20:46

Instrument :
BNA_F
ClientSampleId :

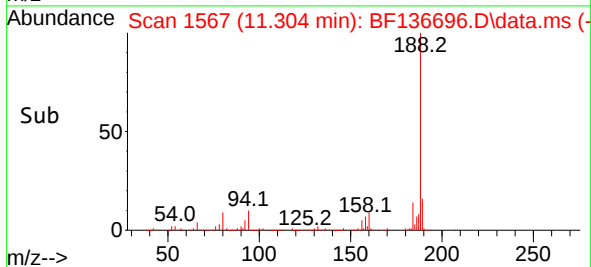
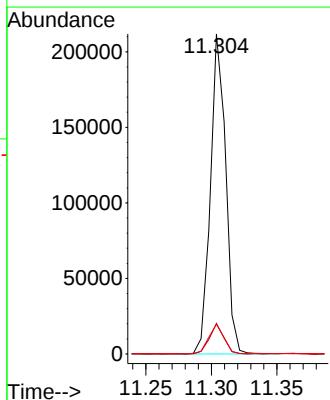
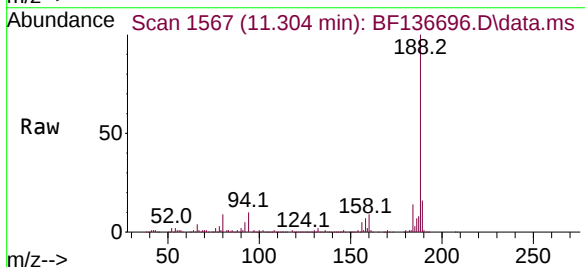


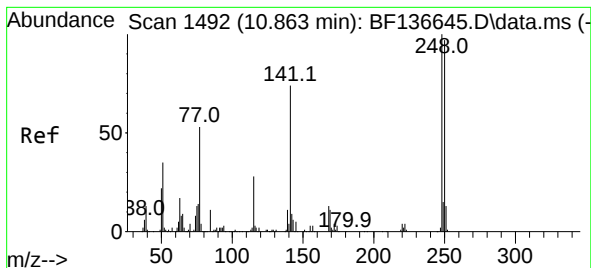
Tgt Ion:165 Resp: 15177
Ion Ratio Lower Upper
165 100
63 0.0 41.0 61.6#
89 2.3 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BF136696.D
Acq: 22 Dec 2023 20:46

Tgt Ion:188 Resp: 172098
Ion Ratio Lower Upper
188 100
94 9.5 7.5 11.3
80 9.3 8.1 12.1

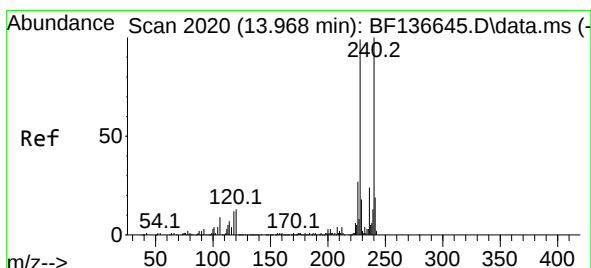
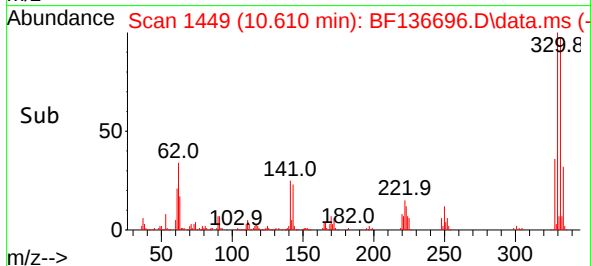
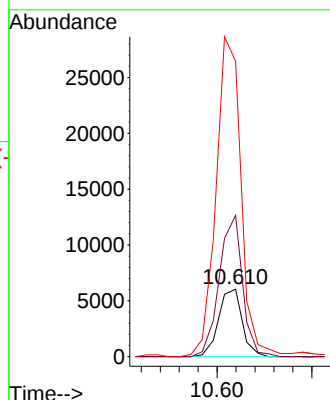
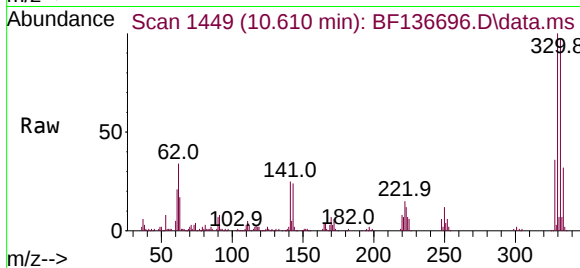




#67
4-Bromophenyl-phenylether
Concen: 2.747 ng
RT: 10.610 min Scan# 1492
Delta R.T. -0.253 min
Lab File: BF136696.D
Acq: 22 Dec 2023 20:46

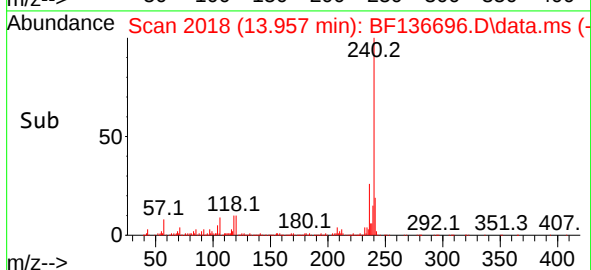
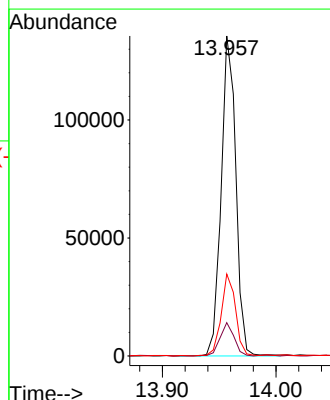
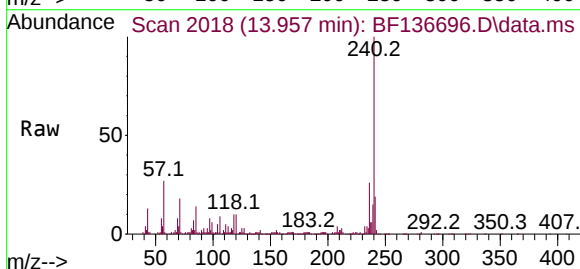
Instrument :
BNA_F
ClientSampleId :

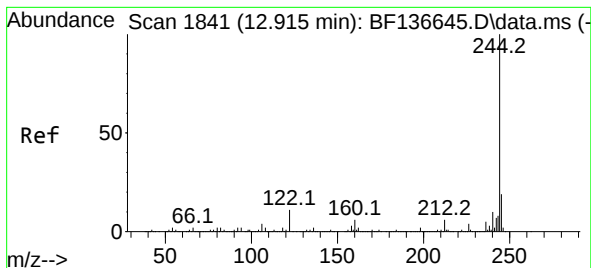
Tgt Ion:248 Resp: 5250
Ion Ratio Lower Upper
248 100
250 209.2 77.8 116.6#
141 437.3 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF136696.D
Acq: 22 Dec 2023 20:46

Tgt Ion:240 Resp: 122125
Ion Ratio Lower Upper
240 100
120 10.4 10.3 15.5
236 25.6 19.4 29.2





#79

Terphenyl-d14

Concen: 29.911 ng

RT: 12.898 min Scan# 1838

Delta R.T. -0.018 min

Lab File: BF136696.D

Acq: 22 Dec 2023 20:46

Instrument :

BNA_F

ClientSampleId :

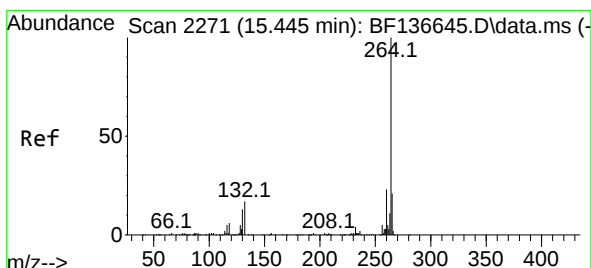
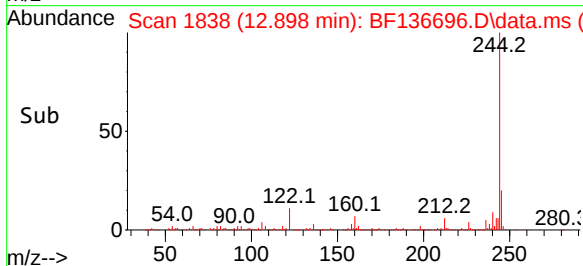
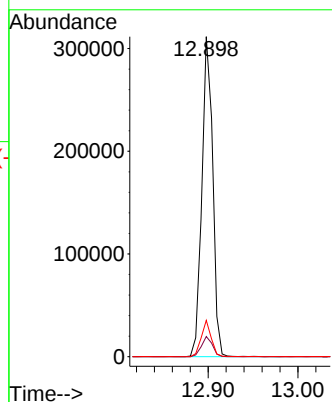
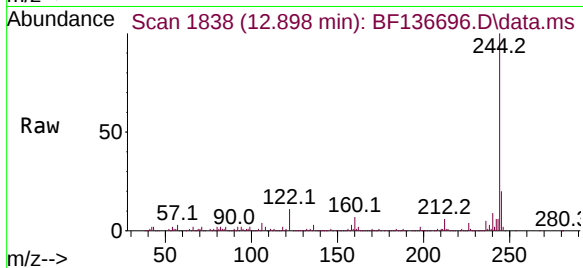
Tgt Ion:244 Resp: 261391

Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.4

122 11.4 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2270

Delta R.T. -0.006 min

Lab File: BF136696.D

Acq: 22 Dec 2023 20:46

Tgt Ion:264 Resp: 139188

Ion Ratio Lower Upper

264 100

260 22.2 18.3 27.5

265 20.9 17.0 25.6

