

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010224\
 Data File : BF136891.D
 Acq On : 03 Jan 2024 01:38
 Operator : CG\JU
 Sample : 06016-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 03 02:08:27 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)

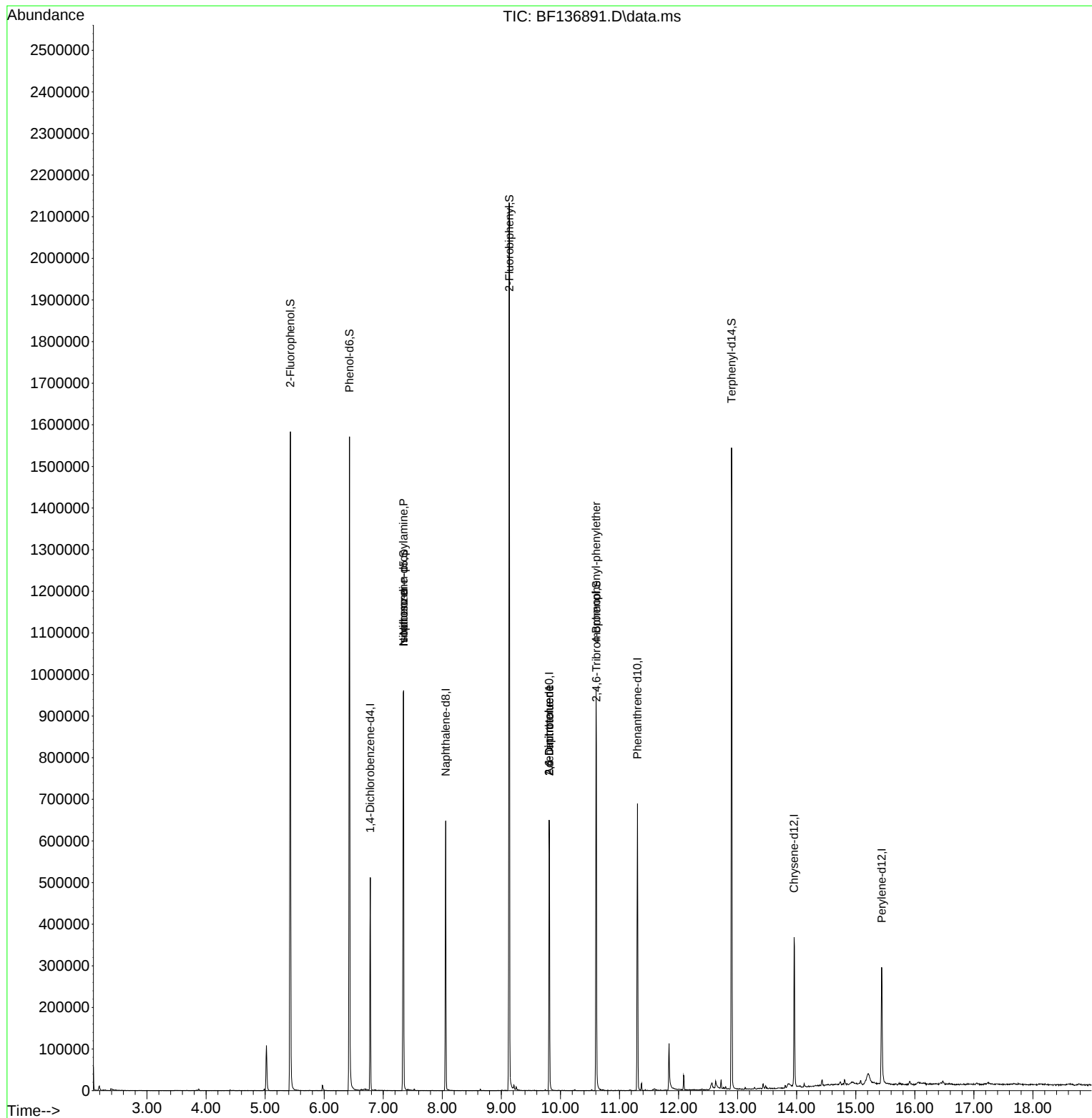
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	73039	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	273370	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	136060	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	242121	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	134866	20.000	ng	-0.01
86) Perylene-d12	15.439	264	139236	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	410238	87.636	ng	0.00
7) Phenol-d6	6.428	99	534916	88.188	ng	-0.01
23) Nitrobenzene-d5	7.345	82	332482	62.236	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	128124	79.957	ng	-0.01
45) 2-Fluorobiphenyl	9.133	172	650522	64.306	ng	-0.02
79) Terphenyl-d14	12.898	244	576455	59.732	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.345	70	43138	11.732	ng	# 70
25) Isophorone	7.345	82	332476	34.202	ng	# 65
51) 2,6-Dinitrotoluene	9.810	165	17446	7.735	ng	# 30
57) 2,4-Dinitrotoluene	9.810	165	17446	5.958	ng	# 21
67) 4-Bromophenyl-phenylether	10.604	248	7816	2.907	ng	# 1

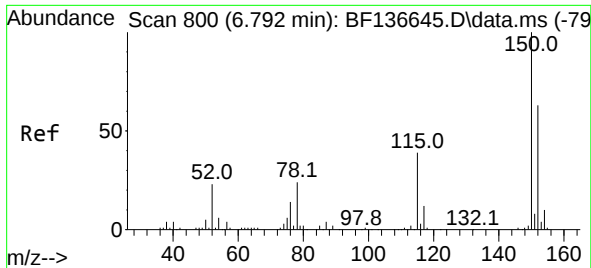
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010224\
Data File : BF136891.D
Acq On : 03 Jan 2024 01:38
Operator : CG\JU
Sample : 06016-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

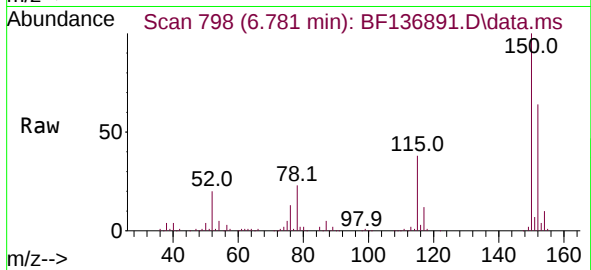
Quant Time: Jan 03 02:08:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration



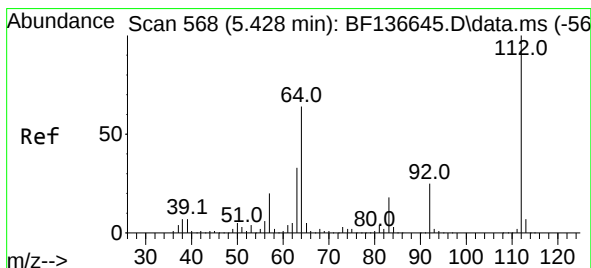
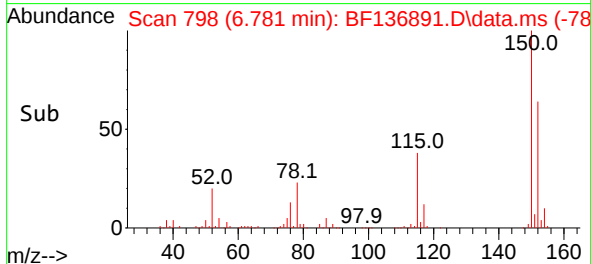
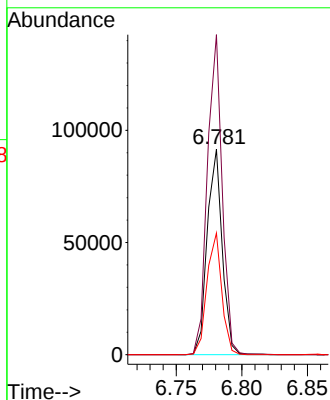


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136891.D
Acq: 03 Jan 2024 01:38

Instrument :
BNA_F
ClientSampleId :

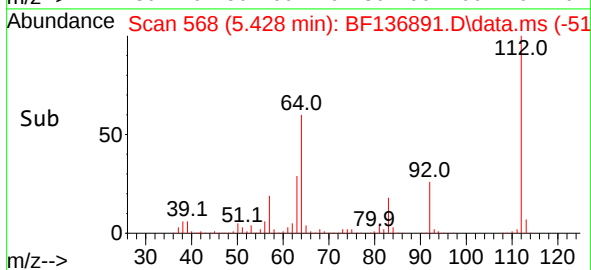
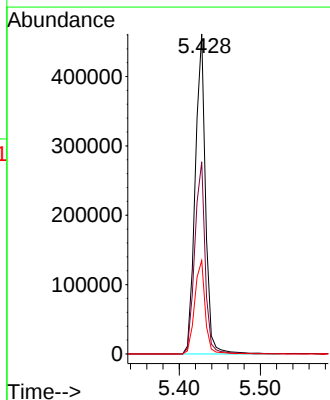
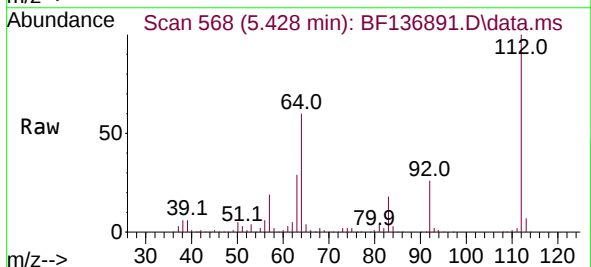


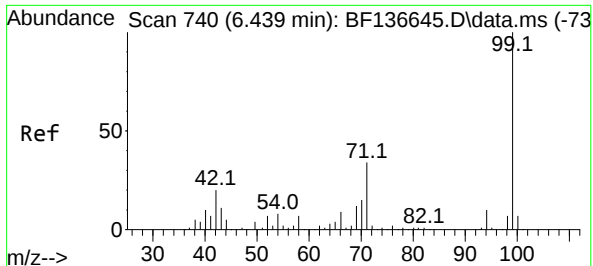
Tgt Ion:152 Resp: 73039
Ion Ratio Lower Upper
152 100
150 155.8 127.0 190.6
115 59.2 49.0 73.4



#5
2-Fluorophenol
Concen: 87.636 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF136891.D
Acq: 03 Jan 2024 01:38

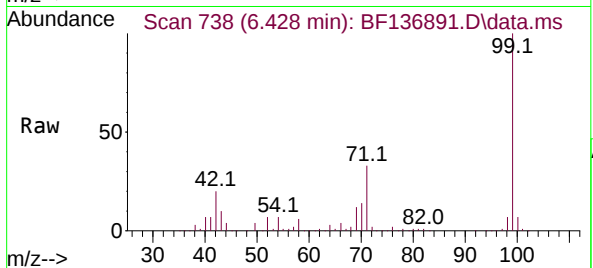
Tgt Ion:112 Resp: 410238
Ion Ratio Lower Upper
112 100
64 60.0 51.1 76.7
63 29.2 26.1 39.1



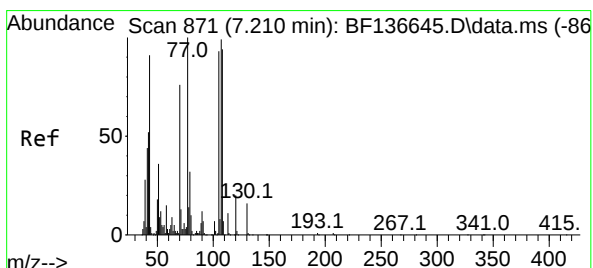
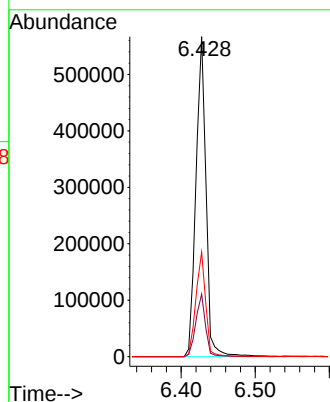
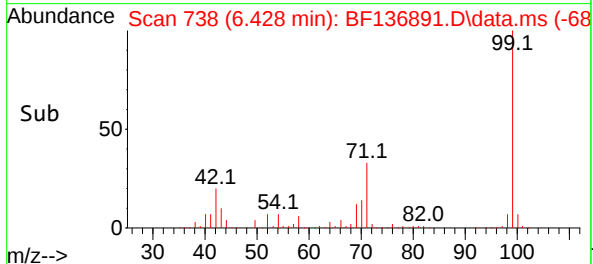


#7
Phenol-d6
Concen: 88.188 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136891.D
Acq: 03 Jan 2024 01:38

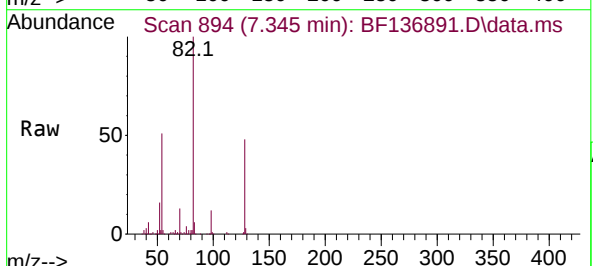
Instrument :
BNA_F
ClientSampleId :



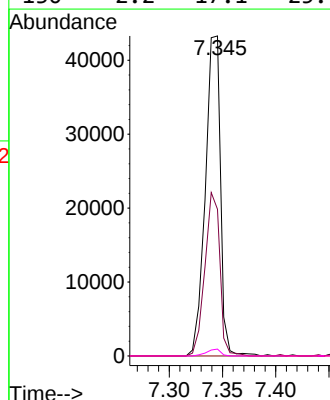
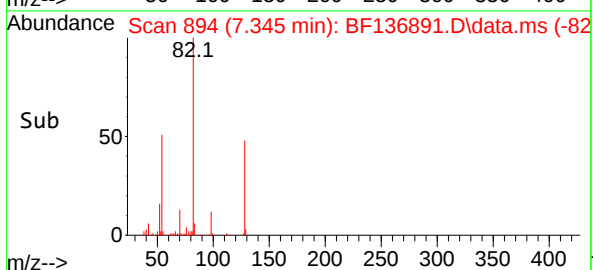
Tgt Ion: 99 Resp: 534916
Ion Ratio Lower Upper
99 100
42 19.6 16.1 24.1
71 32.7 27.4 41.2

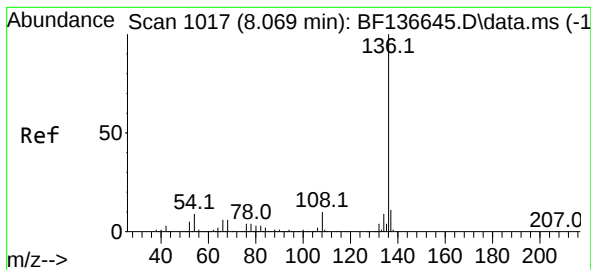


#19
n-Nitroso-di-n-propylamine
Concen: 11.732 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136891.D
Acq: 03 Jan 2024 01:38



Tgt Ion: 70 Resp: 43138
Ion Ratio Lower Upper
70 100
42 45.9 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# 1015

Delta R.T. -0.012 min

Lab File: BF136891.D

Acq: 03 Jan 2024 01:38

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:136 Resp: 273370

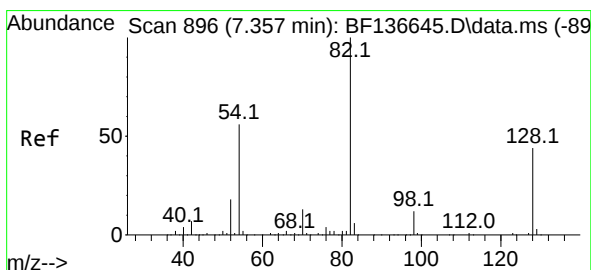
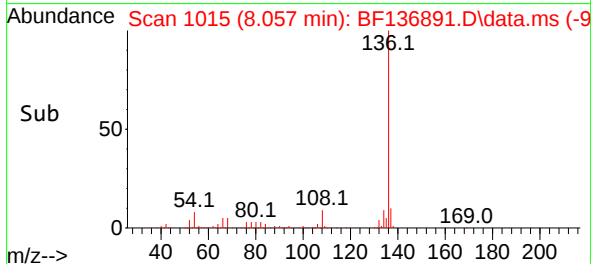
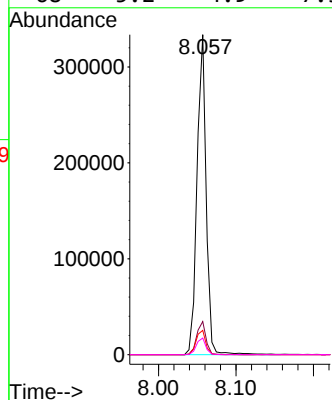
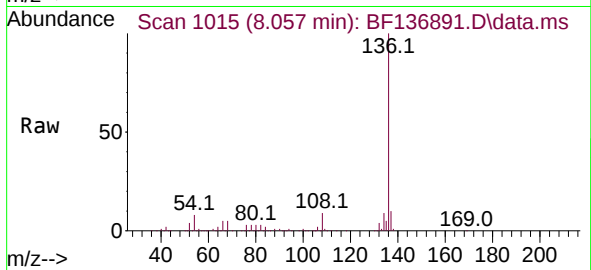
Ion Ratio Lower Upper

136 100

137 10.3 9.0 13.4

54 7.6 7.2 10.8

68 5.2 4.9 7.3



#23

Nitrobenzene-d5

Concen: 62.236 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF136891.D

Acq: 03 Jan 2024 01:38

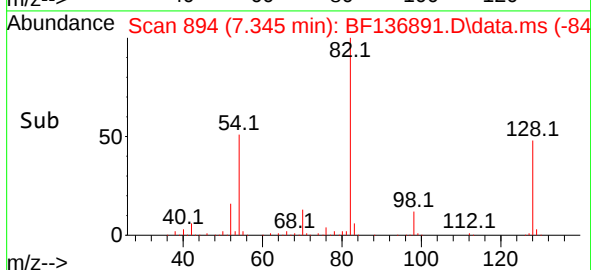
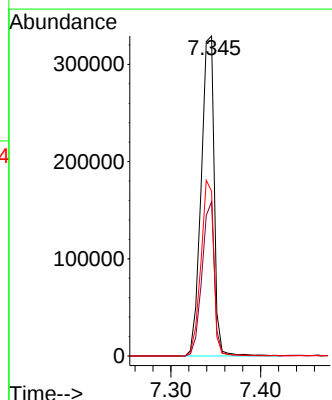
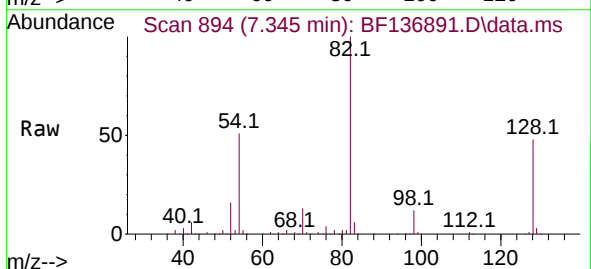
Tgt Ion: 82 Resp: 332482

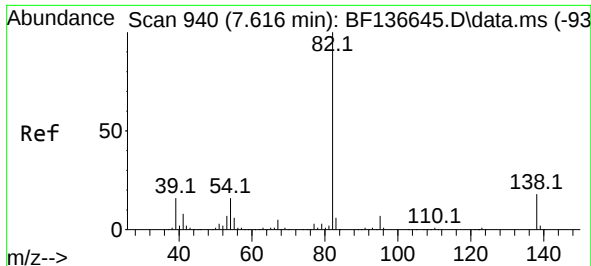
Ion Ratio Lower Upper

82 100

128 48.2 35.3 52.9

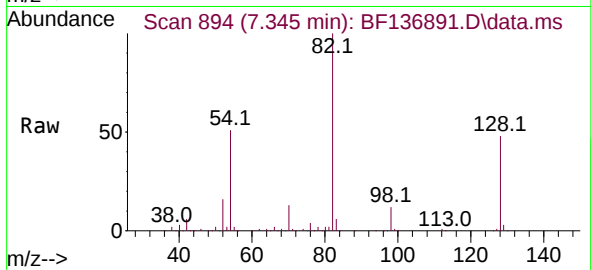
54 51.5 44.5 66.7



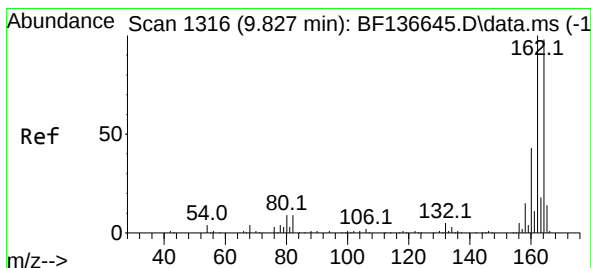
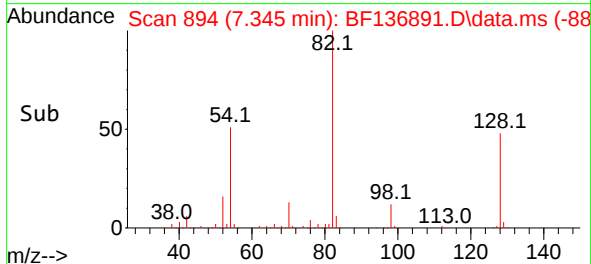
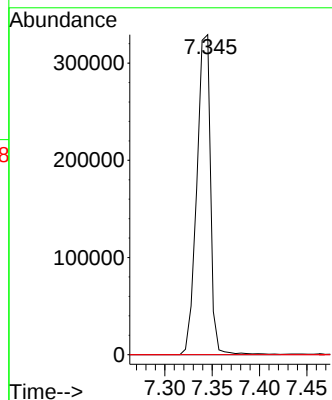


#25
Isophorone
Concen: 34.202 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.271 min
Lab File: BF136891.D
Acq: 03 Jan 2024 01:38

Instrument :
BNA_F
ClientSampleId :

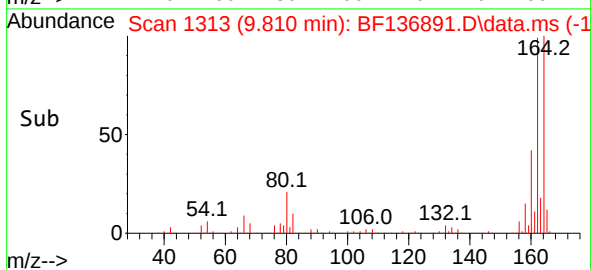
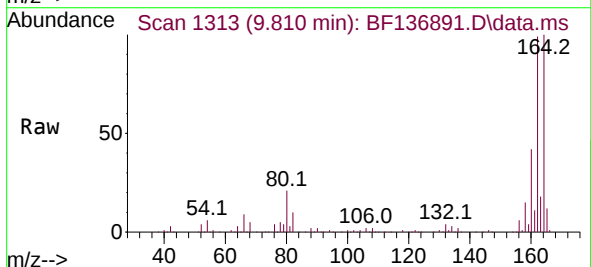
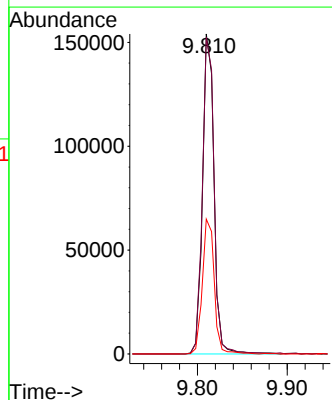


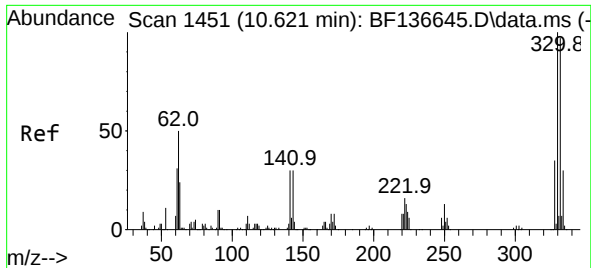
Tgt Ion: 82 Resp: 332476
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.018 min
Lab File: BF136891.D
Acq: 03 Jan 2024 01:38

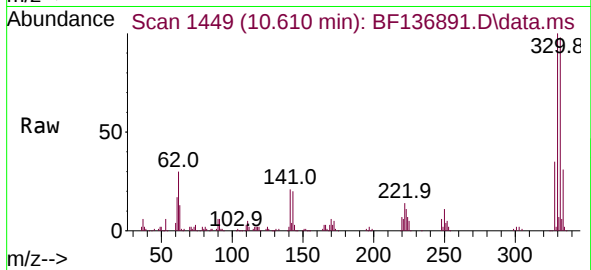
Tgt Ion:164 Resp: 136060
Ion Ratio Lower Upper
164 100
162 98.9 81.6 122.4
160 42.1 34.9 52.3



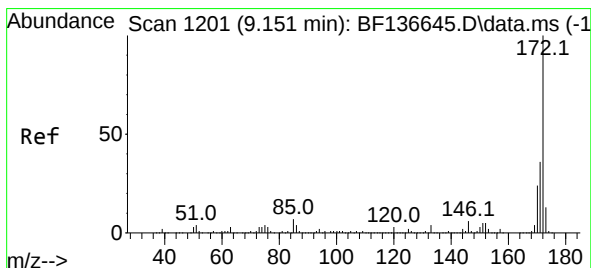
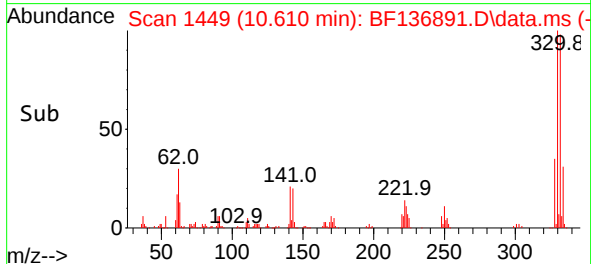
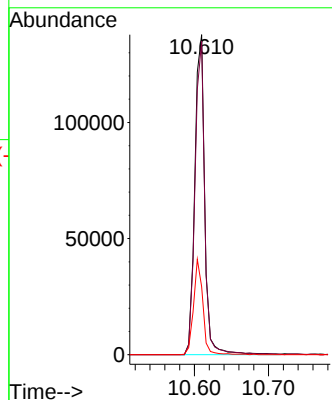


#42
2,4,6-Tribromophenol
Concen: 79.957 ng
RT: 10.610 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF136891.D
Acq: 03 Jan 2024 01:38

Instrument :
BNA_F
ClientSampleId :

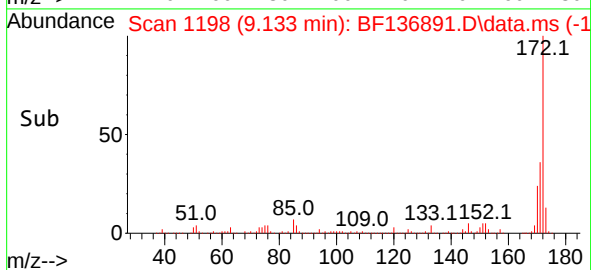
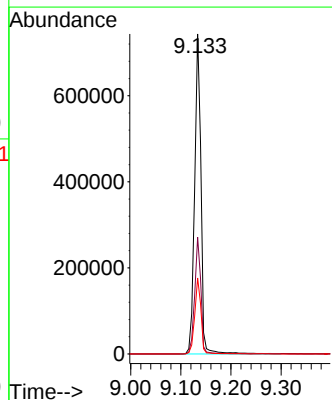
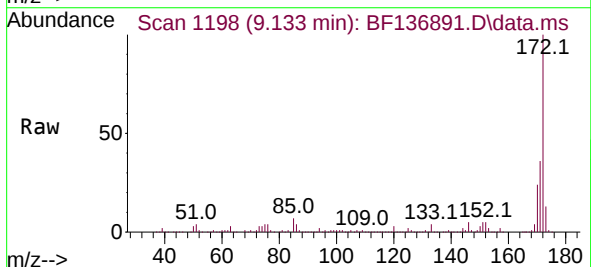


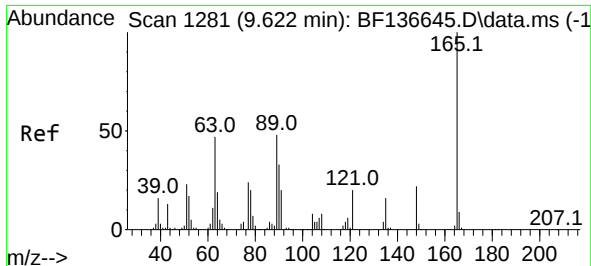
Tgt Ion:330 Resp: 128124
Ion Ratio Lower Upper
330 100
332 95.8 77.4 116.0
141 27.9 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 64.306 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.018 min
Lab File: BF136891.D
Acq: 03 Jan 2024 01:38

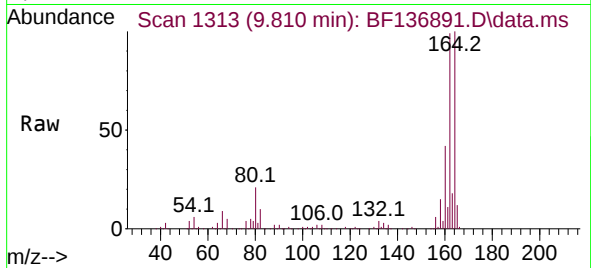
Tgt Ion:172 Resp: 650522
Ion Ratio Lower Upper
172 100
171 36.5 29.0 43.6
170 23.7 19.0 28.4



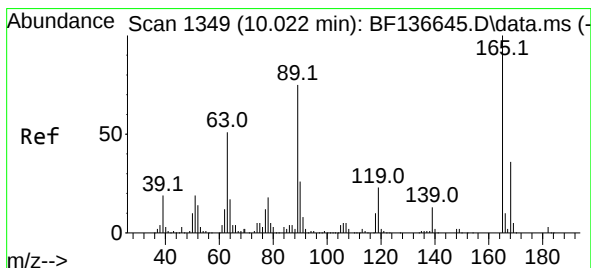
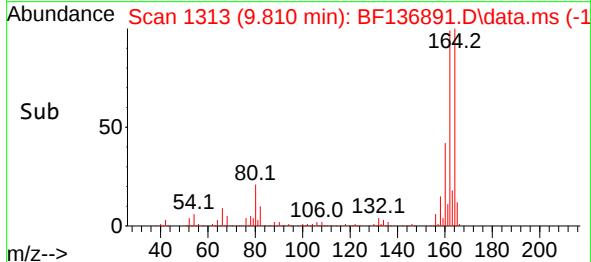
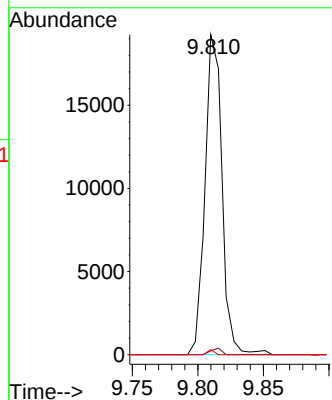


#51
2,6-Dinitrotoluene
Concen: 7.735 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.188 min
Lab File: BF136891.D
Acq: 03 Jan 2024 01:38

Instrument :
BNA_F
ClientSampleId :

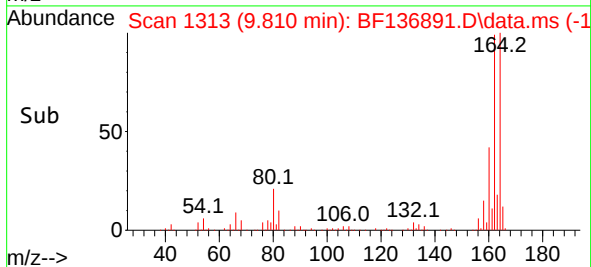
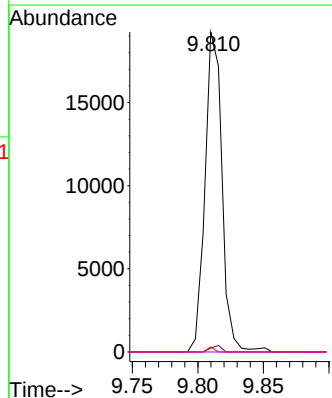
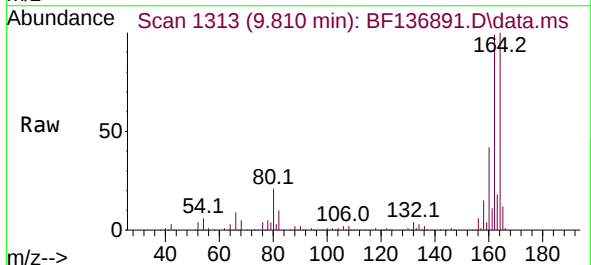


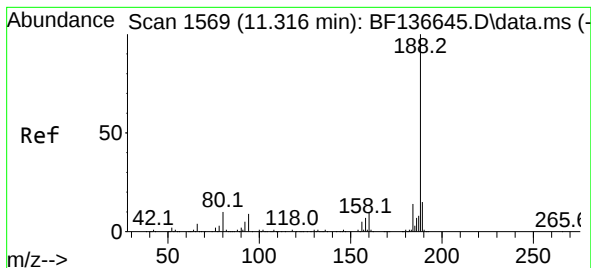
Tgt Ion:165 Resp: 17446
Ion Ratio Lower Upper
165 100
63 1.2 39.8 59.6#
89 1.6 38.8 58.2#



#57
2,4-Dinitrotoluene
Concen: 5.958 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.212 min
Lab File: BF136891.D
Acq: 03 Jan 2024 01:38

Tgt Ion:165 Resp: 17446
Ion Ratio Lower Upper
165 100
63 1.2 41.0 61.6#
89 1.6 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: BF136891.D

Acq: 03 Jan 2024 01:38

Instrument :

BNA_F

ClientSampleId :

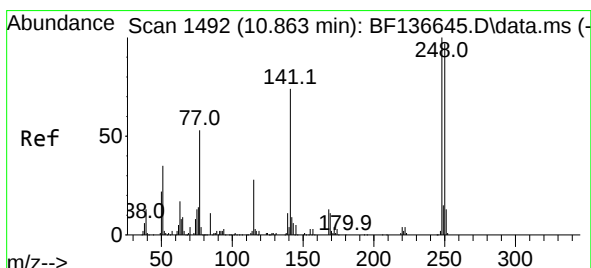
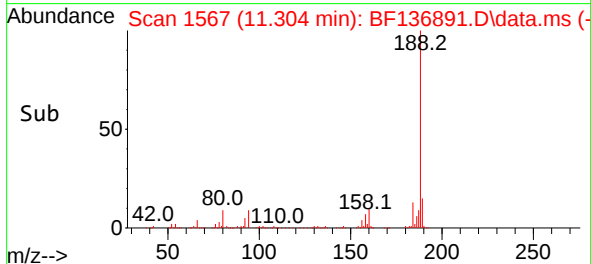
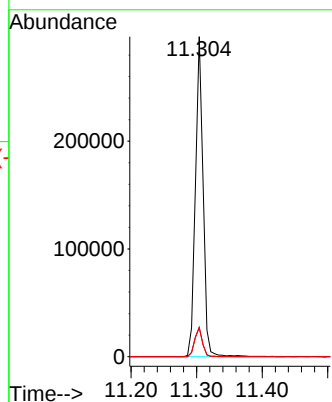
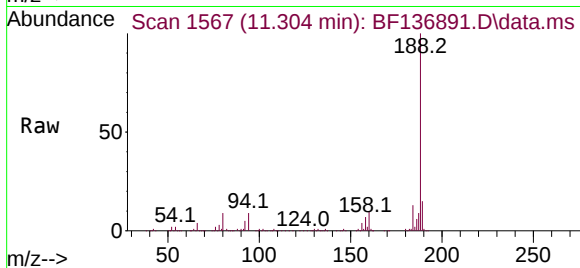
Tgt Ion:188 Resp: 242121

Ion Ratio Lower Upper

188 100

94 9.1 7.5 11.3

80 9.2 8.1 12.1



#67

4-Bromophenyl-phenylether

Concen: 2.907 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.259 min

Lab File: BF136891.D

Acq: 03 Jan 2024 01:38

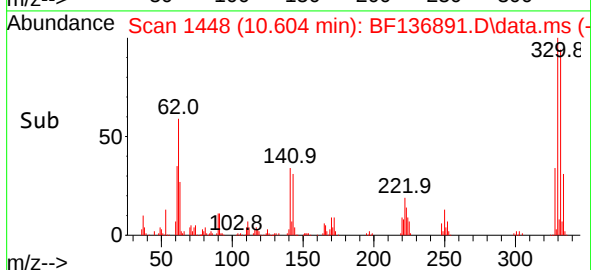
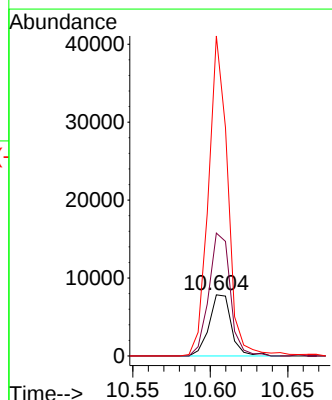
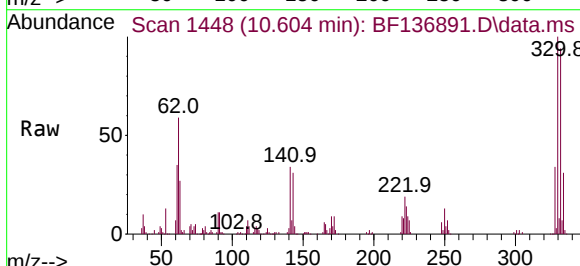
Tgt Ion:248 Resp: 7816

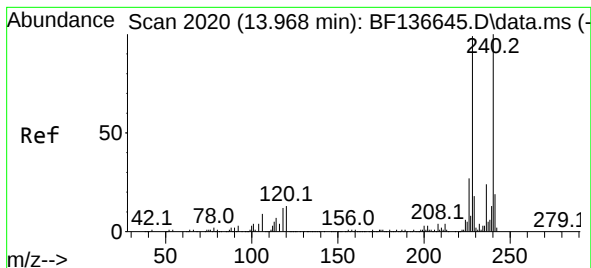
Ion Ratio Lower Upper

248 100

250 200.8 77.8 116.6#

141 523.1 59.2 88.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 20

Delta R.T. -0.012 min

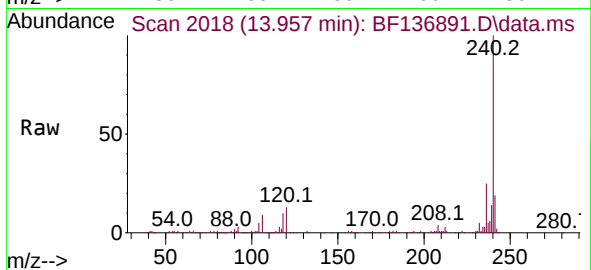
Lab File: BF136891.D

Acq: 03 Jan 2024 01:38

Instrument :

BNA_F

ClientSampleId :



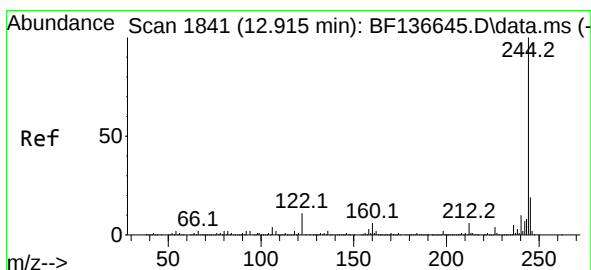
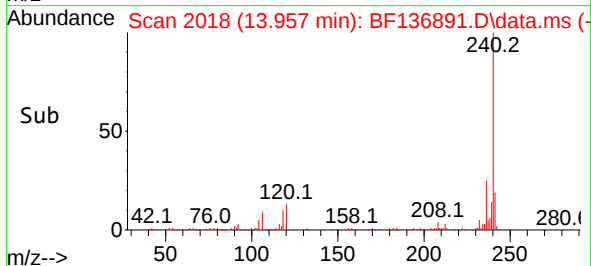
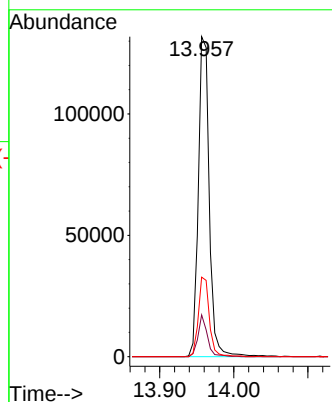
Tgt Ion:240 Resp: 134866

Ion Ratio Lower Upper

240 100

120 13.1 10.3 15.5

236 24.9 19.4 29.2



#79

Terphenyl-d14

Concen: 59.732 ng

RT: 12.898 min Scan# 1838

Delta R.T. -0.018 min

Lab File: BF136891.D

Acq: 03 Jan 2024 01:38

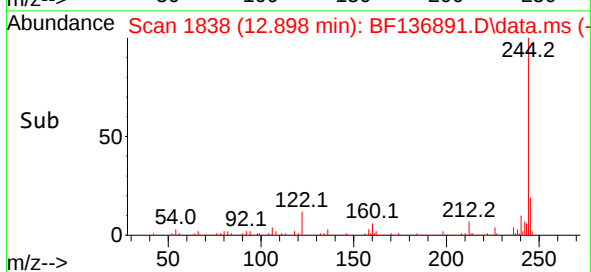
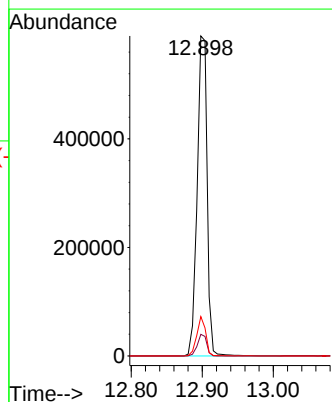
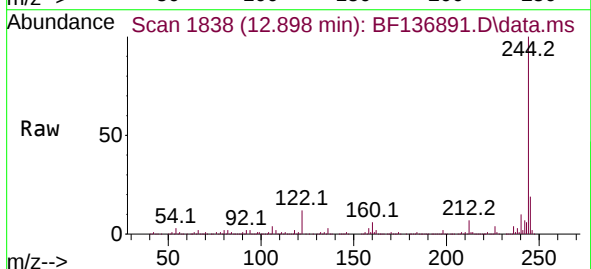
Tgt Ion:244 Resp: 576455

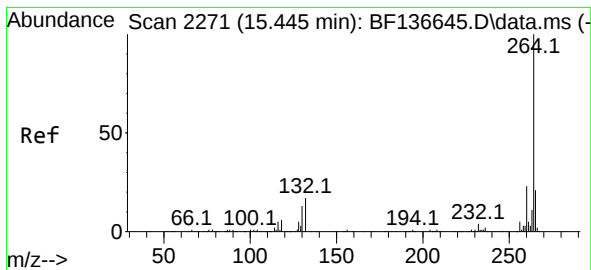
Ion Ratio Lower Upper

244 100

212 6.8 5.0 7.4

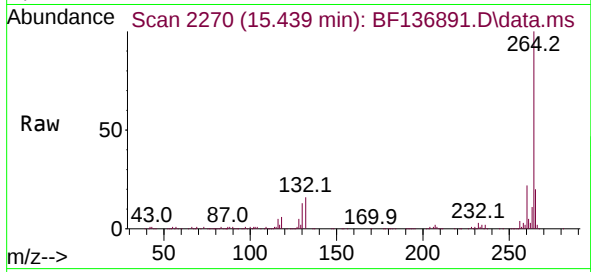
122 12.3 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF136891.D
 Acq: 03 Jan 2024 01:38

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 139236
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.3 27.5
 265 20.1 17.0 25.6

