

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
 Data File : BF136751.D
 Acq On : 27 Dec 2023 11:14
 Operator : CG\JU
 Sample : PB157937BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 27 11:52:19 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)

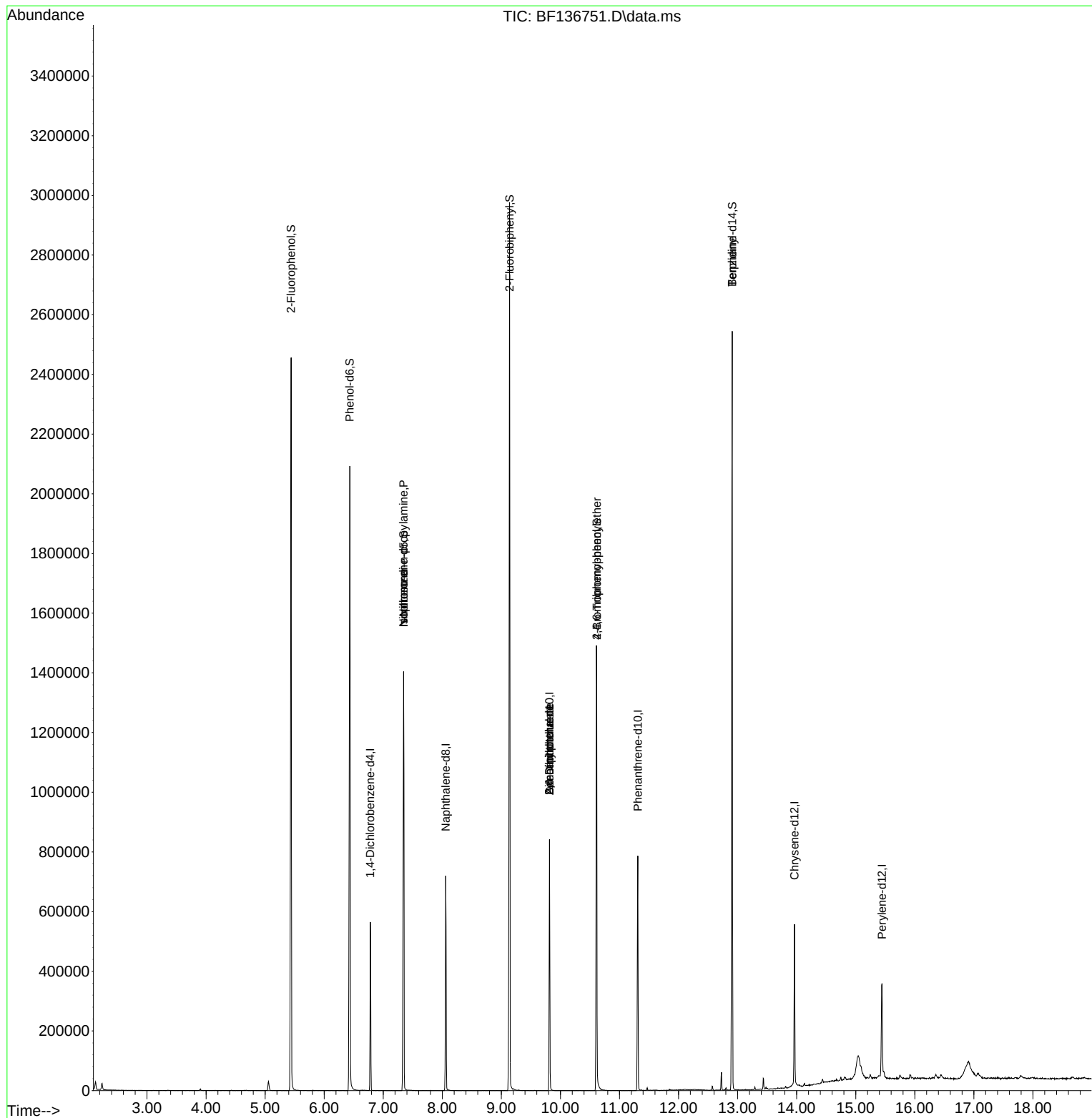
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	83156	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	319270	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	157296	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	289311	20.000	ng	0.00
76) Chrysene-d12	13.962	240	163908	20.000	ng	0.00
86) Perylene-d12	15.445	264	160858	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	661636	124.145	ng	0.01
7) Phenol-d6	6.434	99	827801	119.871	ng	0.00
23) Nitrobenzene-d5	7.345	82	504999	80.939	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	210176	113.455	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	974164	83.297	ng	-0.01
79) Terphenyl-d14	12.910	244	907175	77.345	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.345	70	65850	15.730	ng	# 74
25) Isophorone	7.345	82	503202	44.323	ng	# 65
50) Dimethylphthalate	9.816	163	31038	2.701	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	20162	7.732	ng	# 30
57) 2,4-Dinitrotoluene	9.816	165	20162	5.956	ng	# 21
67) 4-Bromophenyl-phenylether	10.616	248	11907	3.706	ng	# 1
77) Benzidine	12.910	184	10592	2.192	ng	# 91

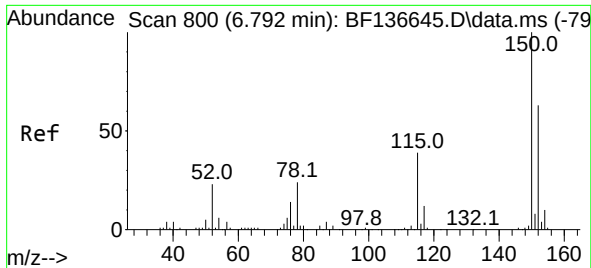
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
Data File : BF136751.D
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Sample : PB157937BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

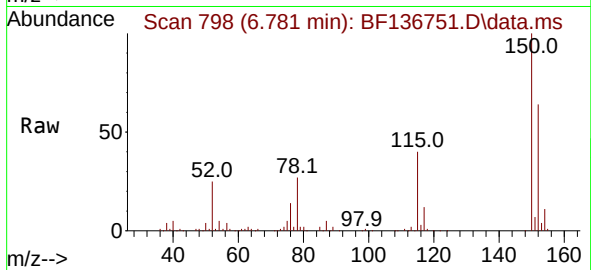
Quant Time: Dec 27 11:52:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration



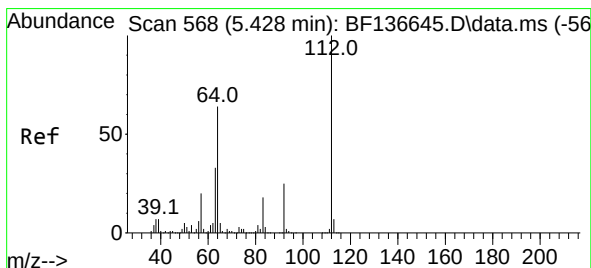
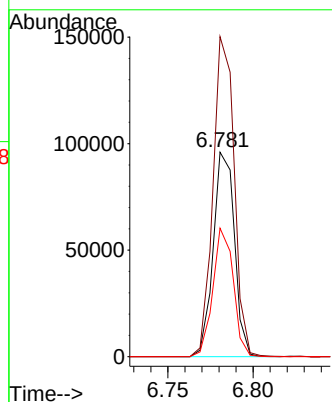
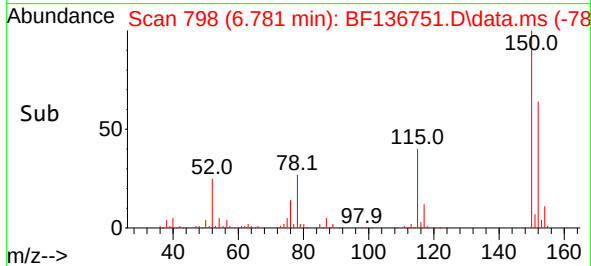


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF136751.D
 Acq: 27 Dec 2023 11:14

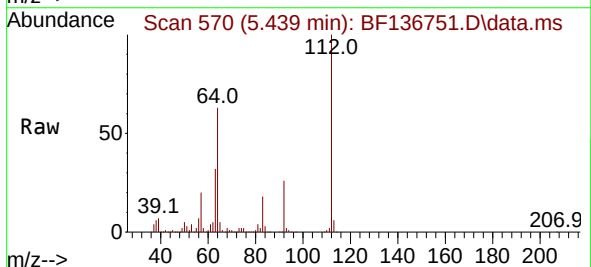
Instrument :
 BNA_F
 ClientSampleId :



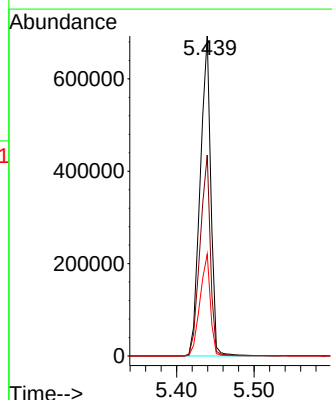
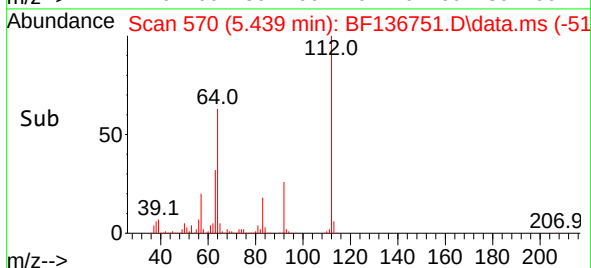
Tgt Ion:152 Resp: 83156
 Ion Ratio Lower Upper
 152 100
 150 156.5 127.0 190.6
 115 62.9 49.0 73.4

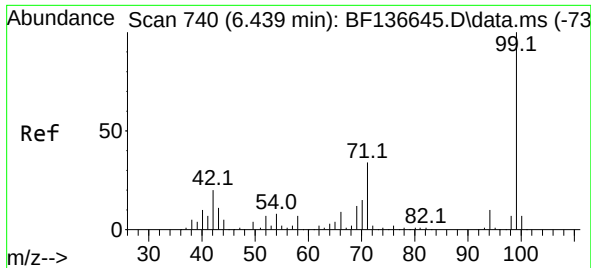


#5
 2-Fluorophenol
 Concen: 124.145 ng
 RT: 5.439 min Scan# 570
 Delta R.T. 0.012 min
 Lab File: BF136751.D
 Acq: 27 Dec 2023 11:14



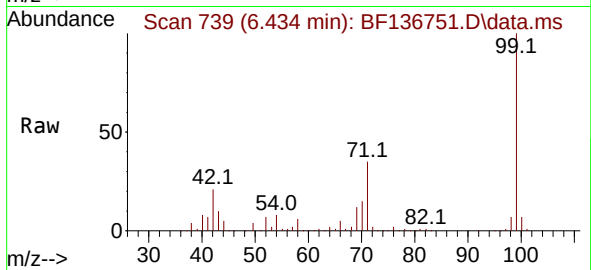
Tgt Ion:112 Resp: 661636
 Ion Ratio Lower Upper
 112 100
 64 62.8 51.1 76.7
 63 31.8 26.1 39.1



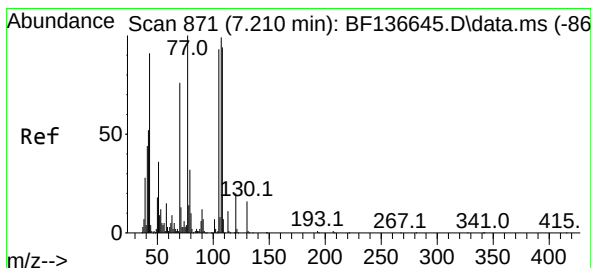
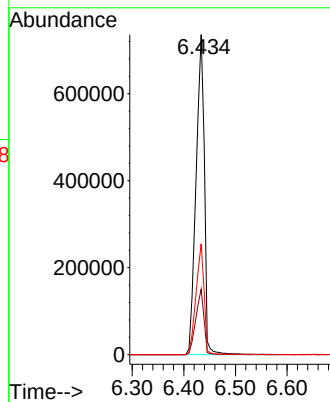
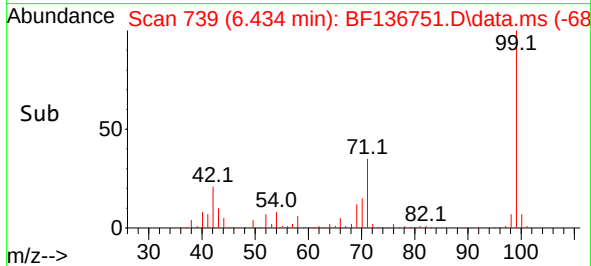


#7
Phenol-d6
Concen: 119.871 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136751.D
Acq: 27 Dec 2023 11:14

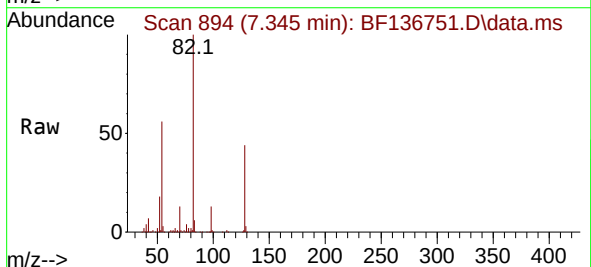
Instrument :
BNA_F
ClientSampleId :



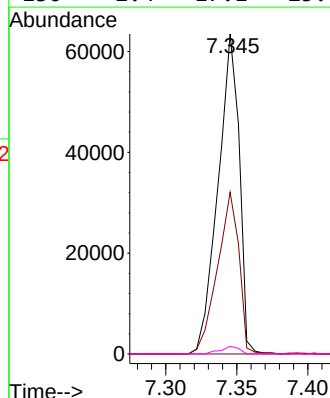
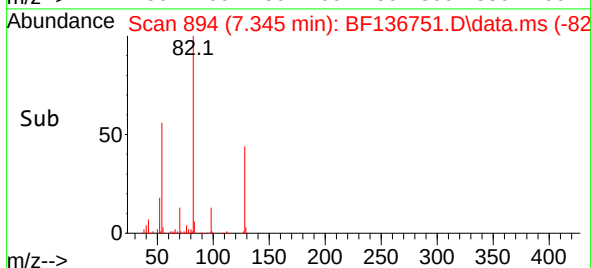
Tgt Ion: 99 Resp: 827801
Ion Ratio Lower Upper
99 100
42 20.5 16.1 24.1
71 34.7 27.4 41.2

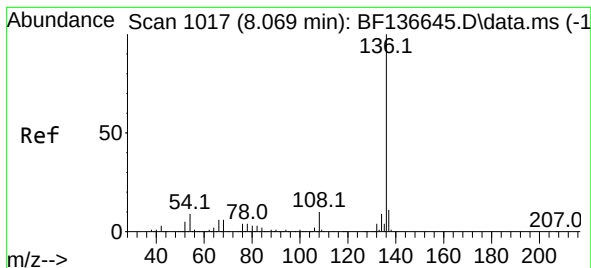


#19
n-Nitroso-di-n-propylamine
Concen: 15.730 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136751.D
Acq: 27 Dec 2023 11:14



Tgt Ion: 70 Resp: 65850
Ion Ratio Lower Upper
70 100
42 50.6 54.2 81.4#
101 0.0 7.6 11.4#
130 2.4 17.1 25.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.012 min

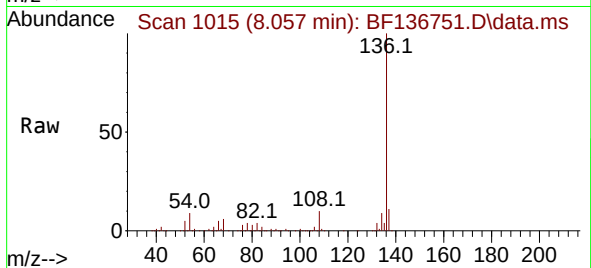
Lab File: BF136751.D

Acq: 27 Dec 2023 11:14

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 319270

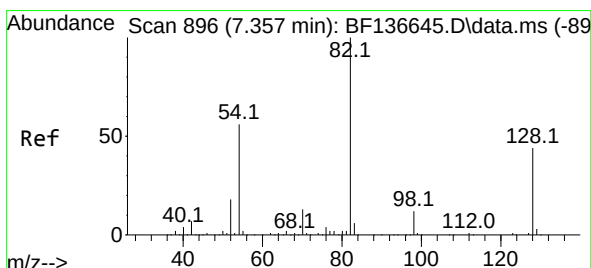
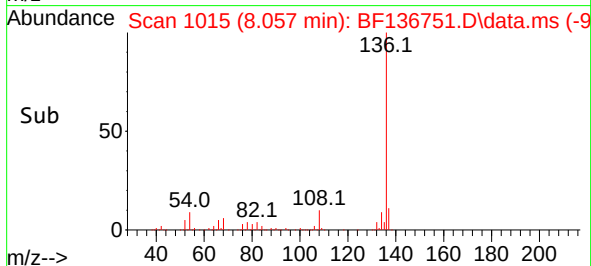
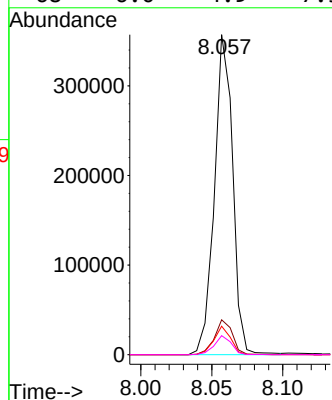
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 8.9 7.2 10.8

68 6.0 4.9 7.3



#23

Nitrobenzene-d5

Concen: 80.939 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF136751.D

Acq: 27 Dec 2023 11:14

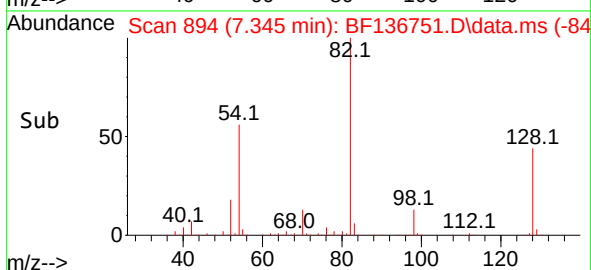
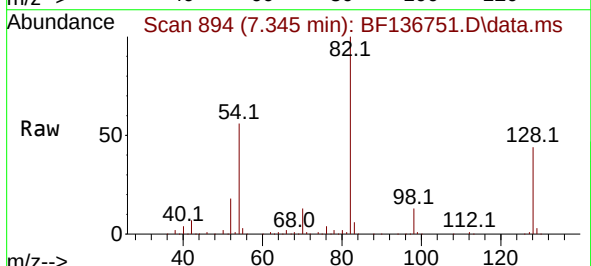
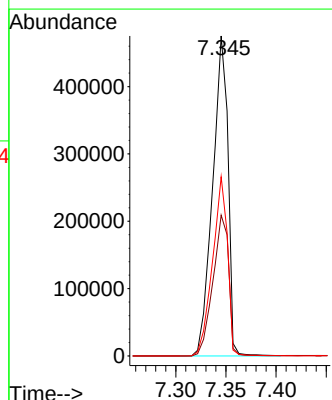
Tgt Ion: 82 Resp: 504999

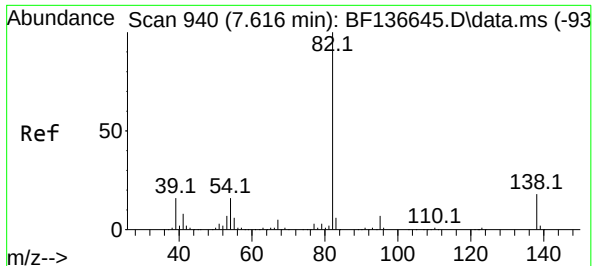
Ion Ratio Lower Upper

82 100

128 44.0 35.3 52.9

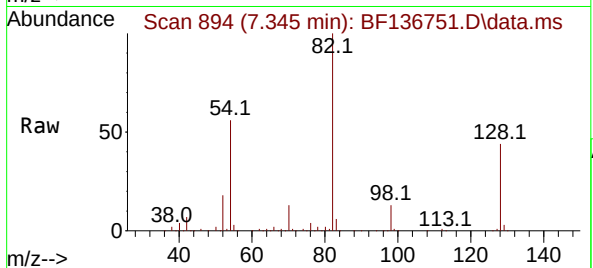
54 56.0 44.5 66.7



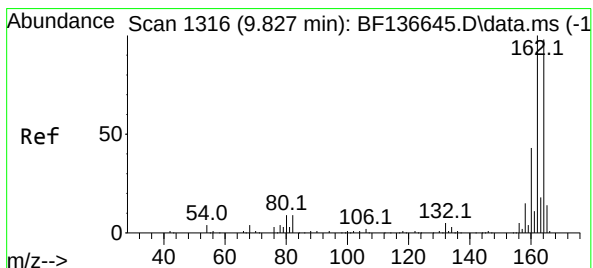
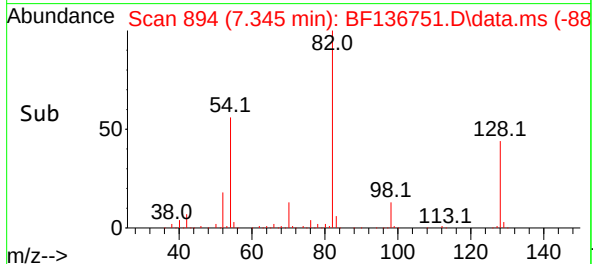
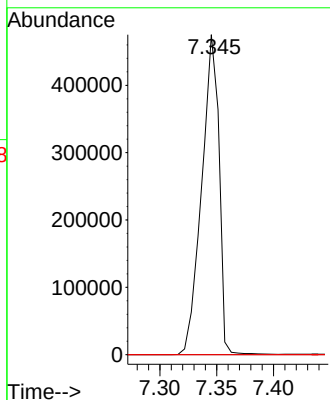


#25
Isophorone
Concen: 44.323 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF136751.D
Acq: 27 Dec 2023 11:14

Instrument :
BNA_F
ClientSampleId :

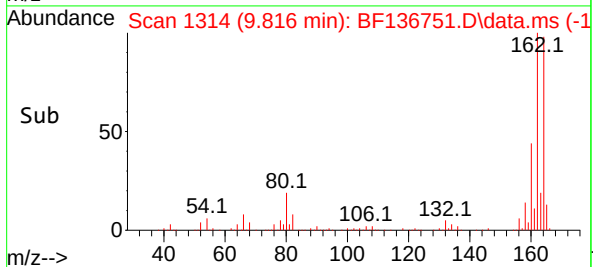
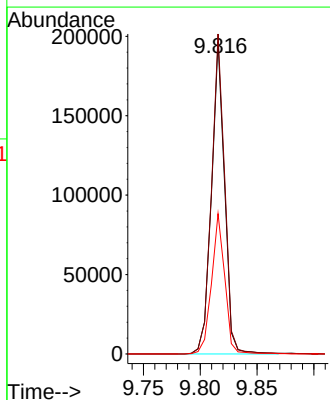
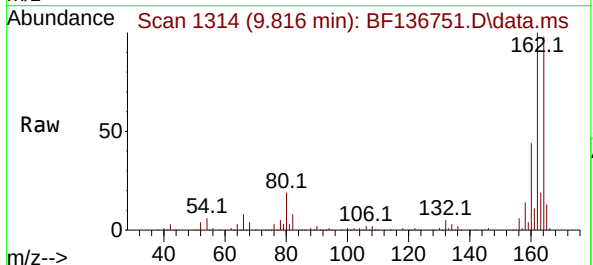


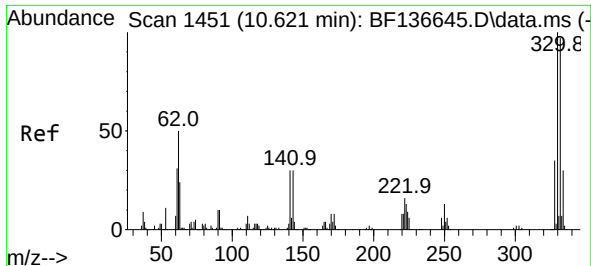
Tgt Ion: 82 Resp: 503202
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136751.D
Acq: 27 Dec 2023 11:14

Tgt Ion:164 Resp: 157296
Ion Ratio Lower Upper
164 100
162 102.4 81.6 122.4
160 44.9 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 113.455 ng

RT: 10.616 min Scan# 1451

Delta R.T. -0.006 min

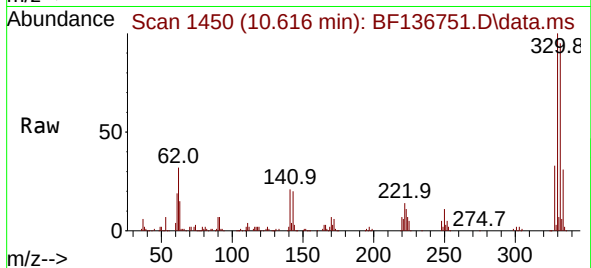
Lab File: BF136751.D

Acq: 27 Dec 2023 11:14

Instrument :

BNA_F

ClientSampleId :



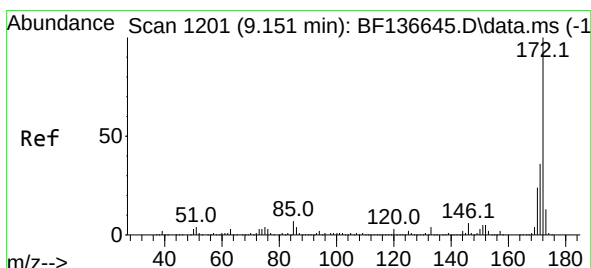
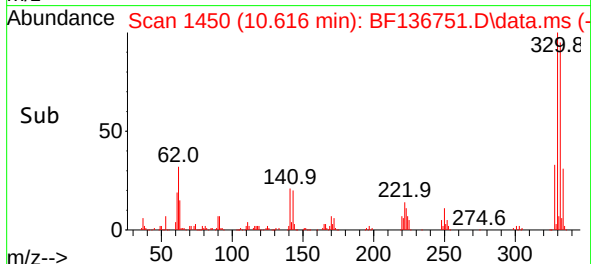
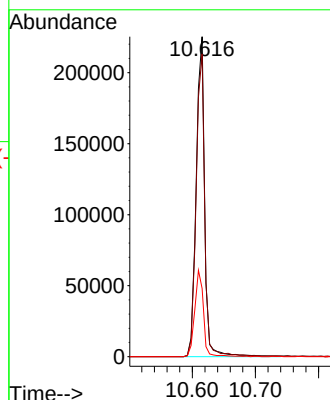
Tgt Ion:330 Resp: 210176

Ion Ratio Lower Upper

330 100

332 95.6 77.4 116.0

141 27.7 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 83.297 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136751.D

Acq: 27 Dec 2023 11:14

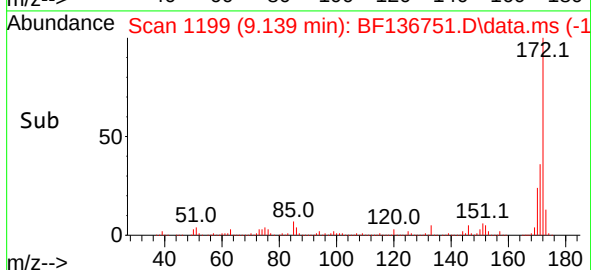
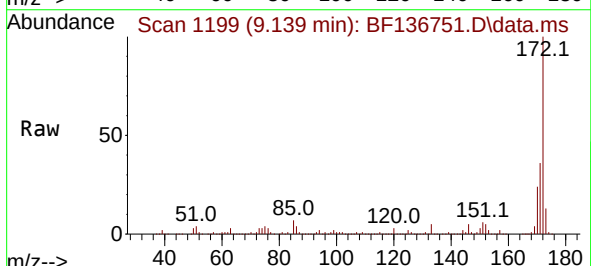
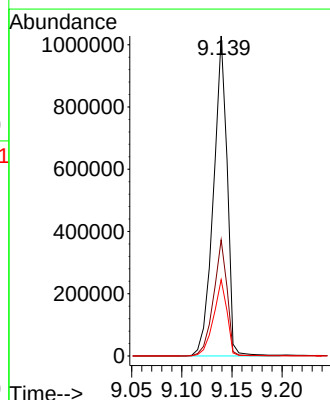
Tgt Ion:172 Resp: 974164

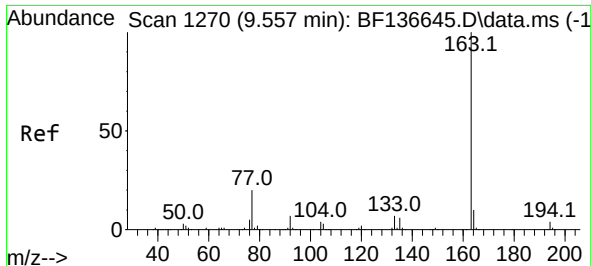
Ion Ratio Lower Upper

172 100

171 36.3 29.0 43.6

170 23.8 19.0 28.4

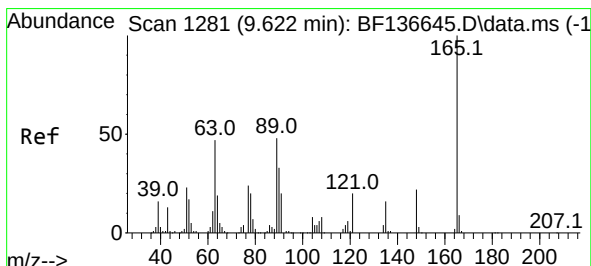
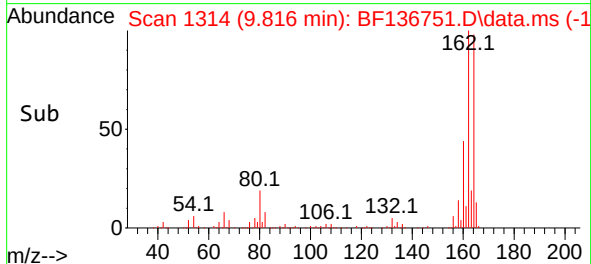
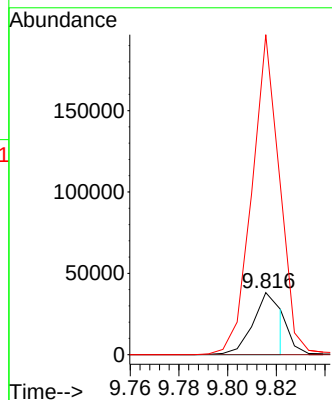
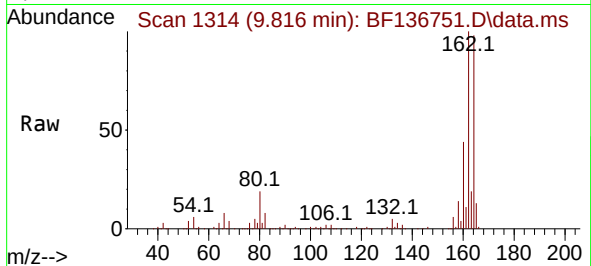




#50
Dimethylphthalate
Concen: 2.701 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF136751.D
Acq: 27 Dec 2023 11:14

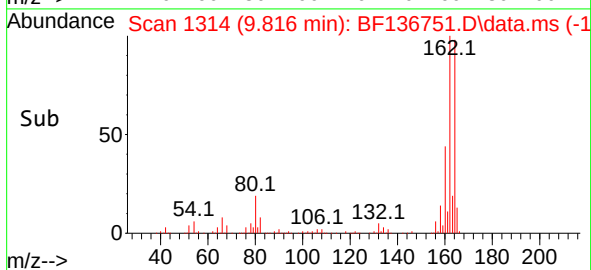
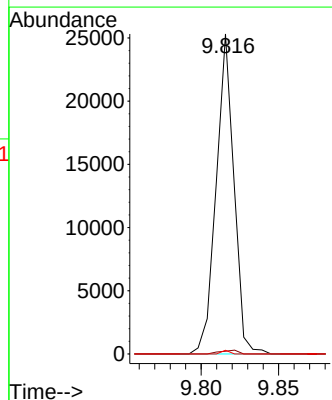
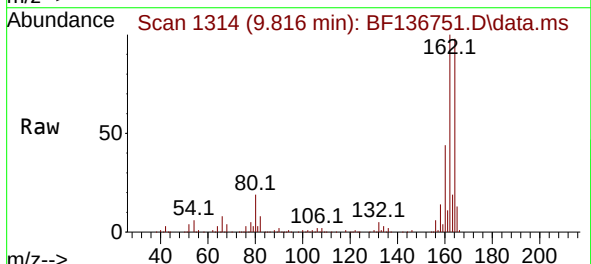
Instrument :
BNA_F
ClientSampleId :

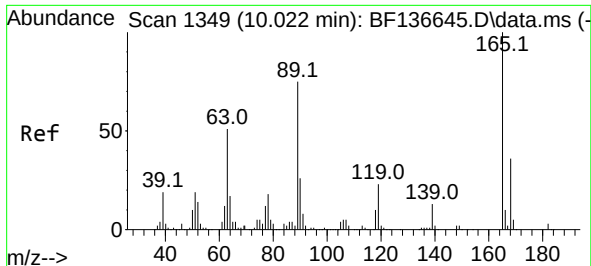
Tgt Ion:163 Resp: 31038
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 515.9 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.732 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136751.D
Acq: 27 Dec 2023 11:14

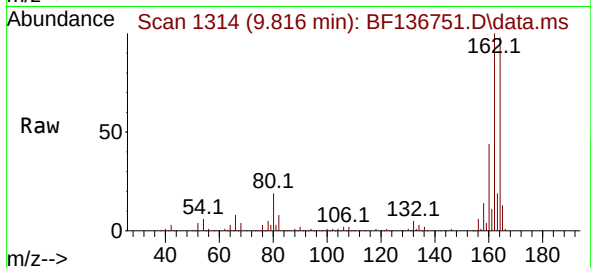
Tgt Ion:165 Resp: 20162
Ion Ratio Lower Upper
165 100
63 0.9 39.8 59.6#
89 1.1 38.8 58.2#



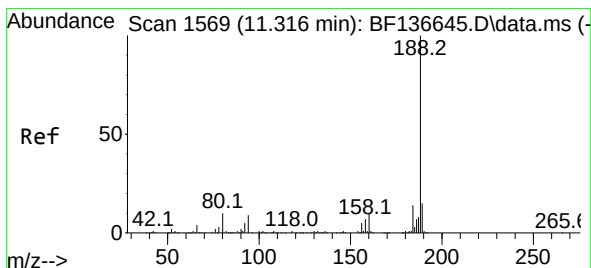
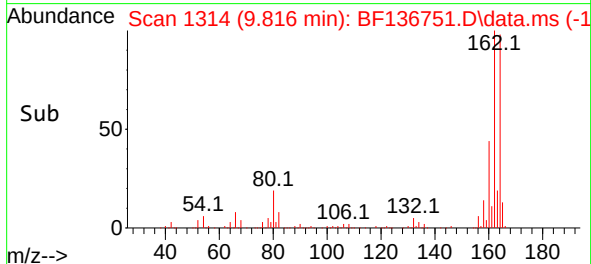
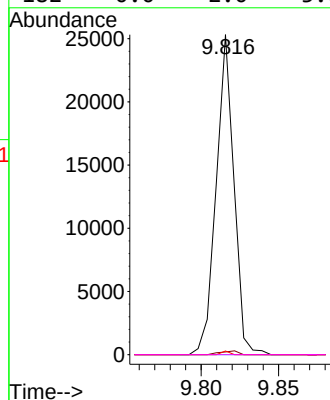


#57
2,4-Dinitrotoluene
Concen: 5.956 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136751.D
Acq: 27 Dec 2023 11:14

Instrument :
BNA_F
ClientSampleId :

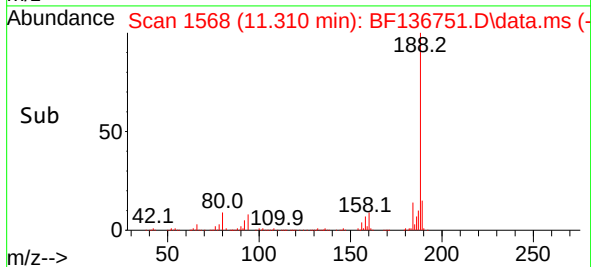
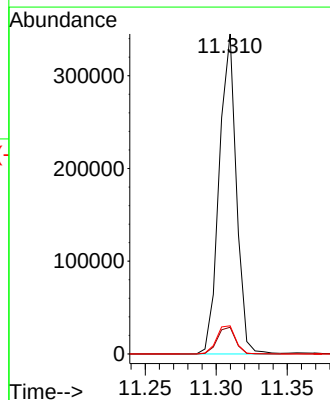
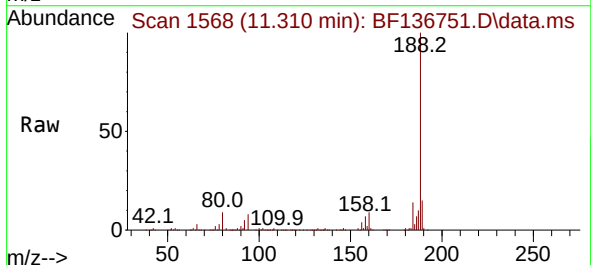


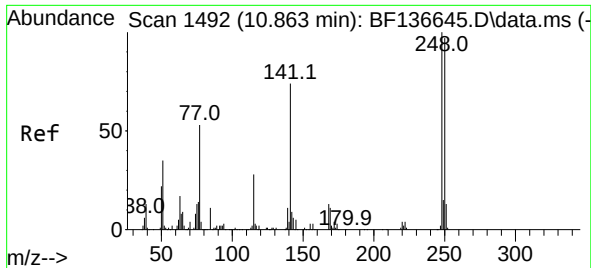
Tgt Ion:165 Resp: 20162
Ion Ratio Lower Upper
165 100
63 0.9 41.0 61.6#
89 1.1 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136751.D
Acq: 27 Dec 2023 11:14

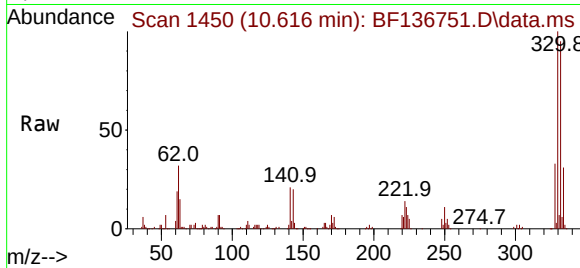
Tgt Ion:188 Resp: 289311
Ion Ratio Lower Upper
188 100
94 8.3 7.5 11.3
80 8.8 8.1 12.1



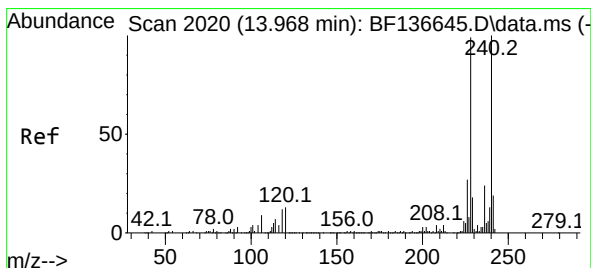
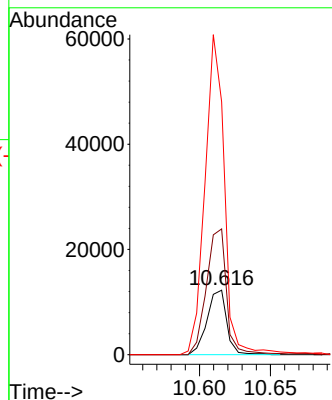
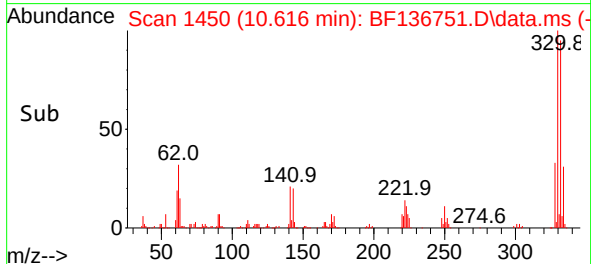


#67
4-Bromophenyl-phenylether
Concen: 3.706 ng
RT: 10.616 min Scan# 1492
Delta R.T. -0.247 min
Lab File: BF136751.D
Acq: 27 Dec 2023 11:14

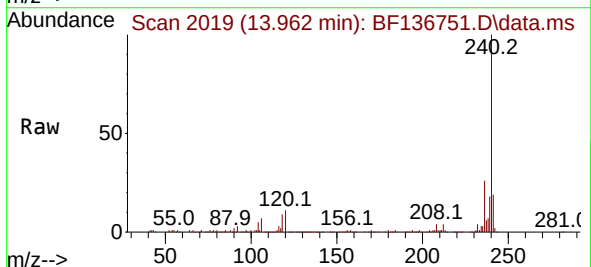
Instrument :
BNA_F
ClientSampleId :



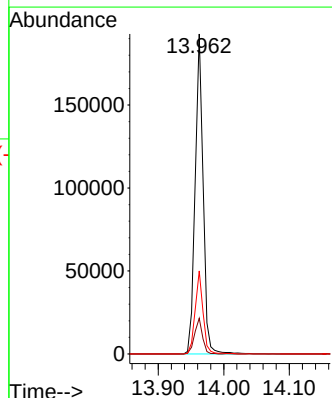
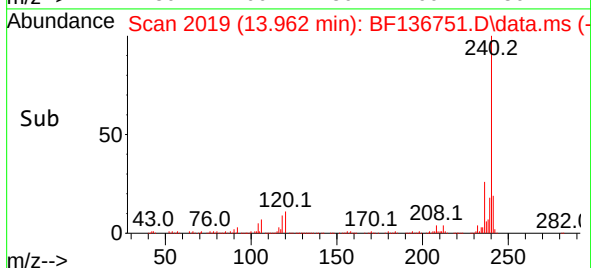
Tgt Ion:248 Resp: 11907
Ion Ratio Lower Upper
248 100
250 194.7 77.8 116.6#
141 391.6 59.2 88.8#

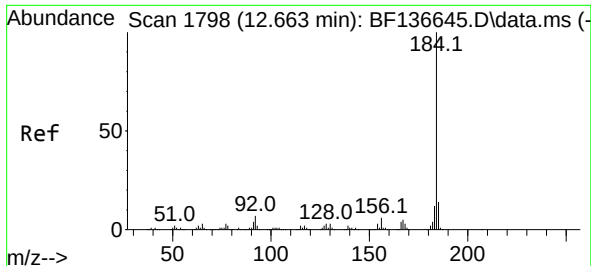


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136751.D
Acq: 27 Dec 2023 11:14



Tgt Ion:240 Resp: 163908
Ion Ratio Lower Upper
240 100
120 11.2 10.3 15.5
236 26.0 19.4 29.2

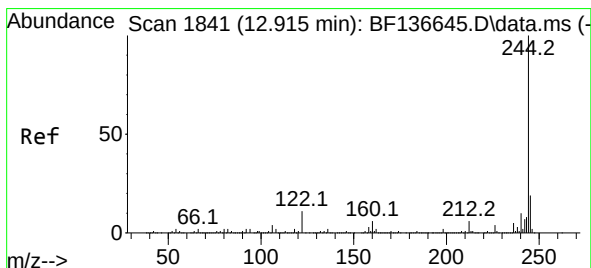
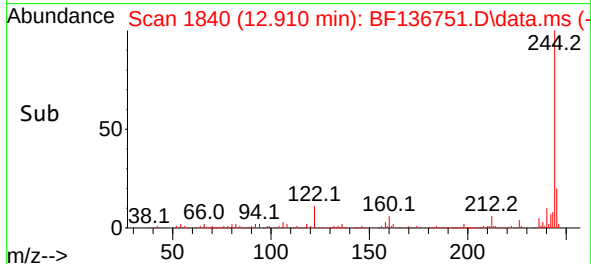
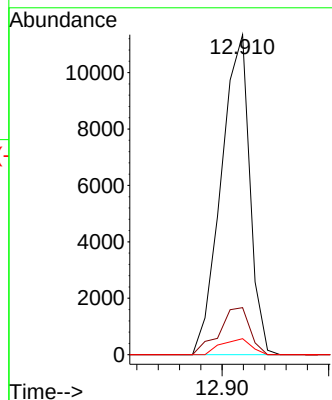
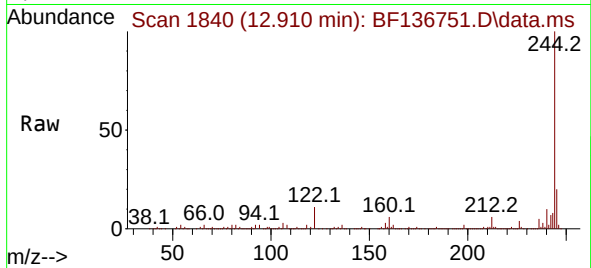




#77
Benzidine
Concen: 2.192 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.247 min
Lab File: BF136751.D
Acq: 27 Dec 2023 11:14

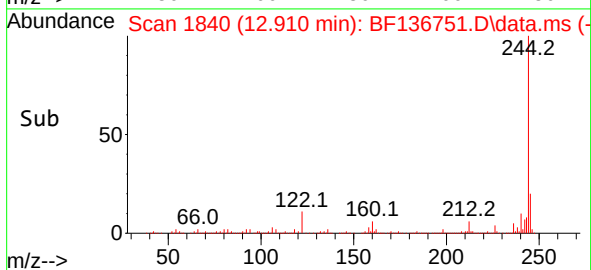
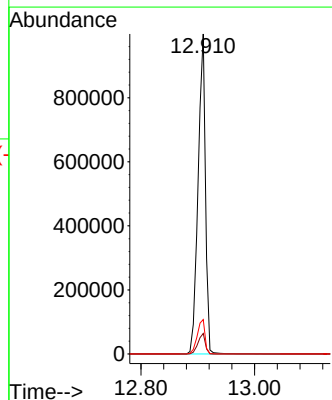
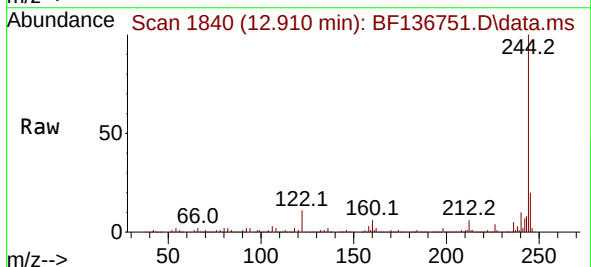
Instrument :
BNA_F
ClientSampleId :

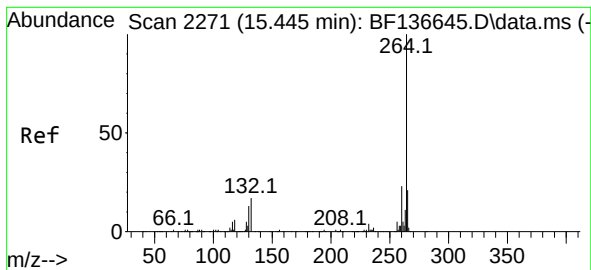
Tgt Ion:184 Resp: 10592
Ion Ratio Lower Upper
184 100
185 14.7 11.2 16.8
183 5.0 9.3 13.9#



#79
Terphenyl-d14
Concen: 77.345 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.006 min
Lab File: BF136751.D
Acq: 27 Dec 2023 11:14

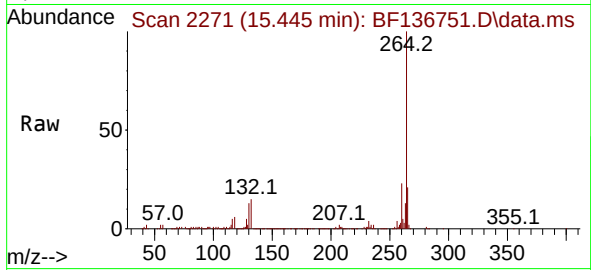
Tgt Ion:244 Resp: 907175
Ion Ratio Lower Upper
244 100
212 6.4 5.0 7.4
122 10.7 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF136751.D
 Acq: 27 Dec 2023 11:14

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 160858

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.3	27.5
265	20.6	17.0	25.6

