

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
 Data File : BF136797.D
 Acq On : 28 Dec 2023 17:11
 Operator : CG\JU
 Sample : PB157953BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157953BL

Quant Time: Dec 28 17:29:28 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)

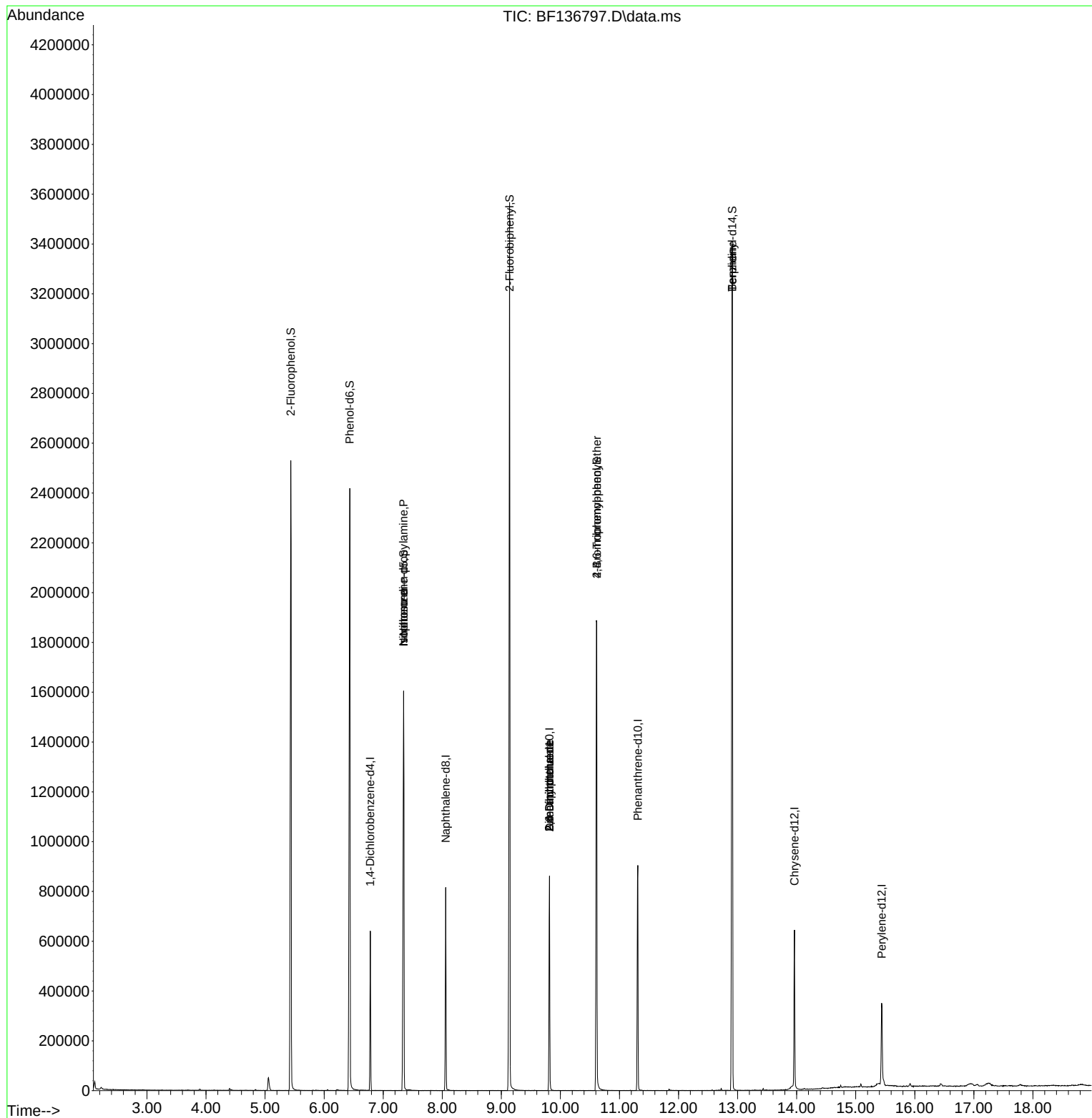
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	85613	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	342467	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	177306	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	352280	20.000	ng	0.00
76) Chrysene-d12	13.963	240	213962	20.000	ng	0.00
86) Perylene-d12	15.439	264	178433	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	801314	146.038	ng	0.00
7) Phenol-d6	6.434	99	982354	138.168	ng	0.00
23) Nitrobenzene-d5	7.345	82	637441	95.246	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	291441	139.567	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	1249357	94.772	ng	-0.01
79) Terphenyl-d14	12.910	244	1366849	89.274	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.345	70	83122	19.286	ng	# 76
25) Isophorone	7.345	82	633396	52.012	ng	# 65
50) Dimethylphthalate	9.816	163	36139	2.790	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	22878	7.784	ng	# 30
57) 2,4-Dinitrotoluene	9.816	165	22878	5.996	ng	# 21
67) 4-Bromophenyl-phenylether	10.616	248	16748	4.281	ng	# 1
77) Benzidine	12.910	184	15695	2.488	ng	# 94

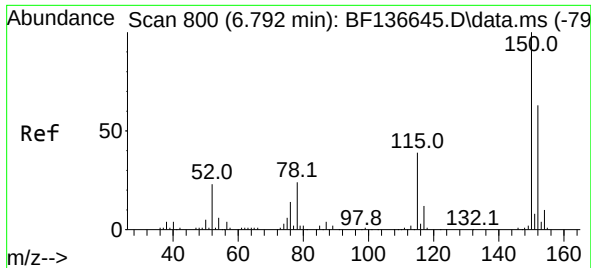
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
Data File : BF136797.D
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QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

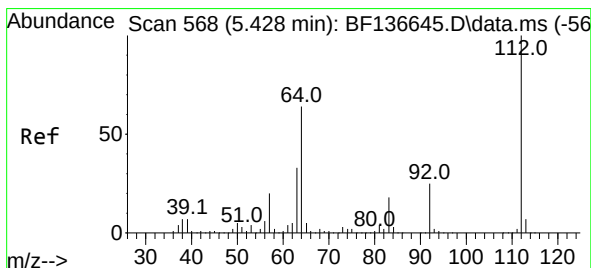
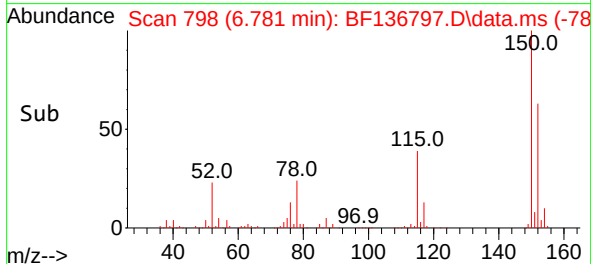
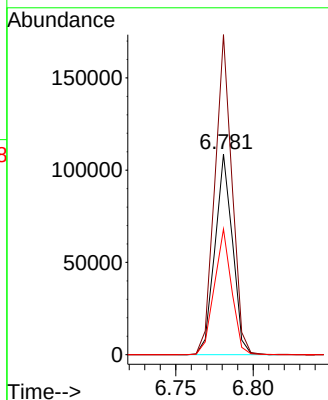
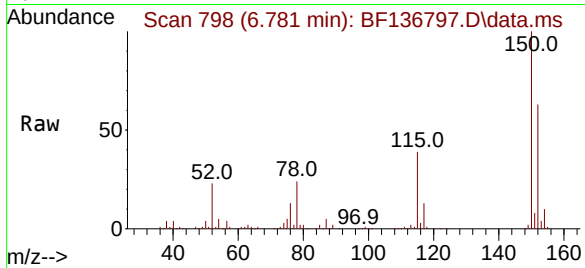




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136797.D
Acq: 28 Dec 2023 17:11

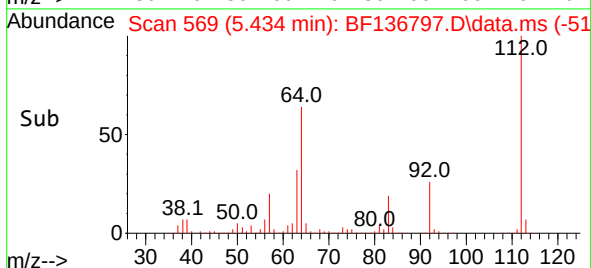
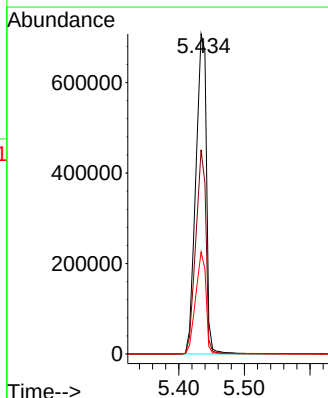
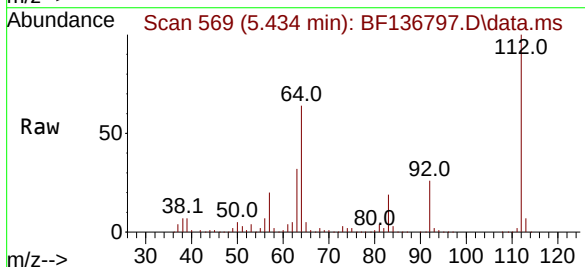
Instrument :
BNA_F
ClientSampleId :
PB157953BL

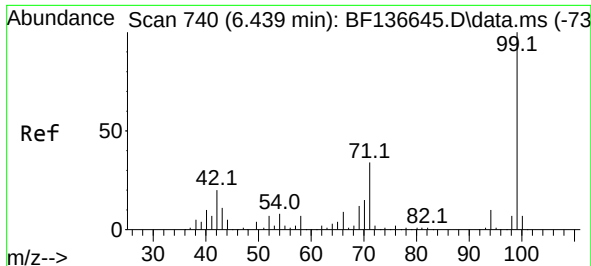
Tgt Ion:152 Resp: 85613
Ion Ratio Lower Upper
152 100
150 159.5 127.0 190.6
115 62.6 49.0 73.4



#5
2-Fluorophenol
Concen: 146.038 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF136797.D
Acq: 28 Dec 2023 17:11

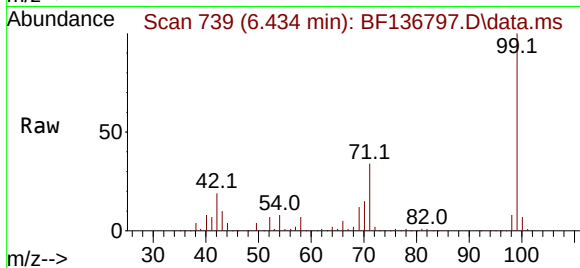
Tgt Ion:112 Resp: 801314
Ion Ratio Lower Upper
112 100
64 63.8 51.1 76.7
63 31.8 26.1 39.1



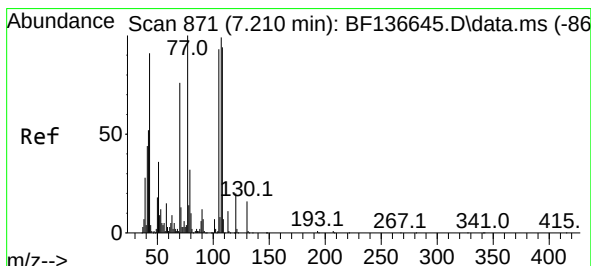
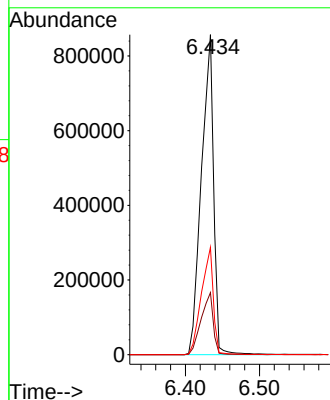
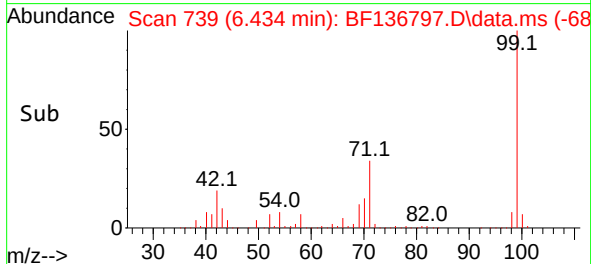


#7
Phenol-d6
Concen: 138.168 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136797.D
Acq: 28 Dec 2023 17:11

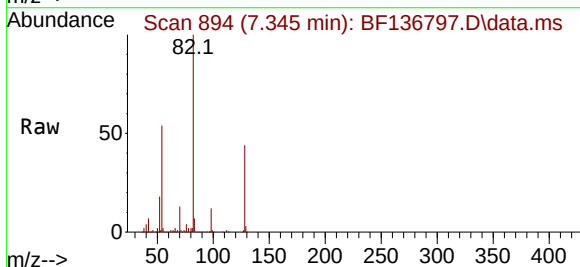
Instrument :
BNA_F
ClientSampleId :
PB157953BL



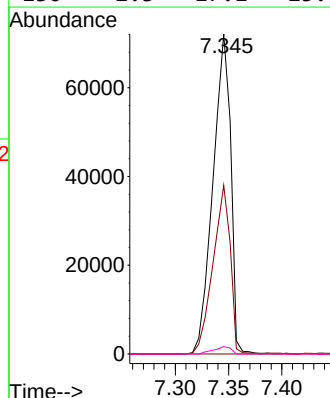
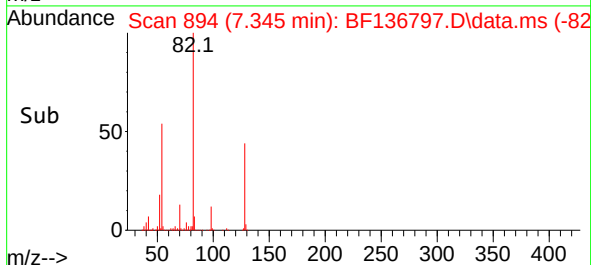
Tgt Ion: 99 Resp: 982354
Ion Ratio Lower Upper
99 100
42 19.4 16.1 24.1
71 33.6 27.4 41.2

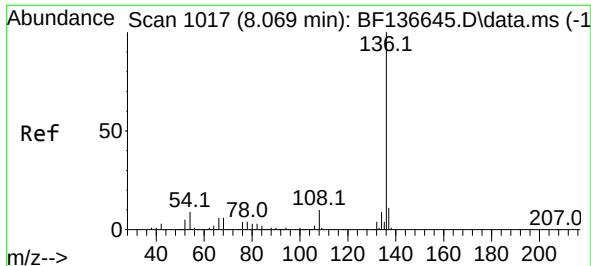


#19
n-Nitroso-di-n-propylamine
Concen: 19.286 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.136 min
Lab File: BF136797.D
Acq: 28 Dec 2023 17:11



Tgt Ion: 70 Resp: 83122
Ion Ratio Lower Upper
70 100
42 52.7 54.2 81.4#
101 0.0 7.6 11.4#
130 2.3 17.1 25.7#

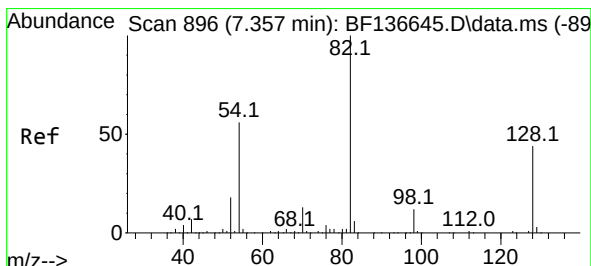
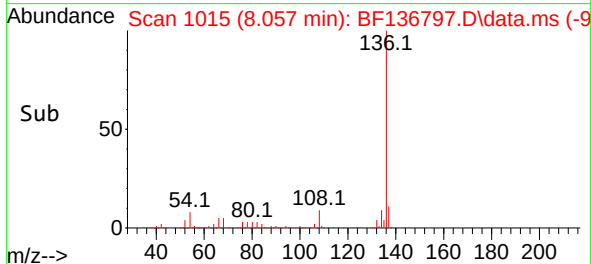
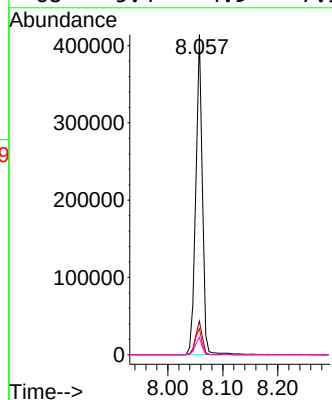
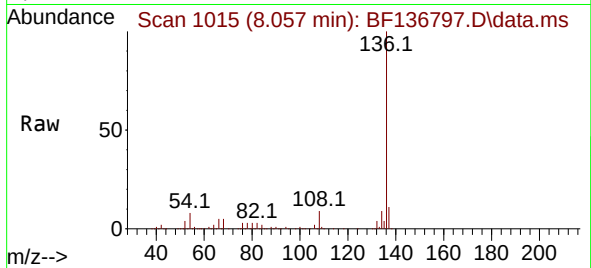




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF136797.D
Acq: 28 Dec 2023 17:11

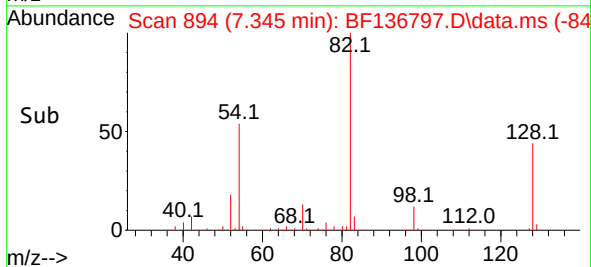
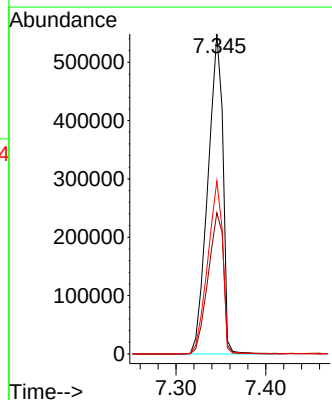
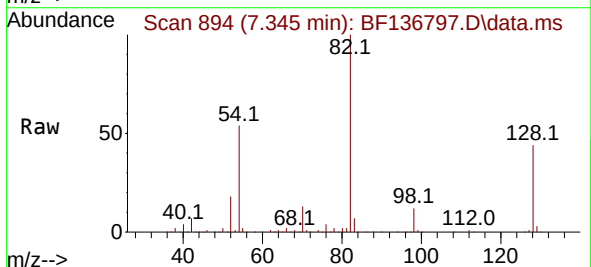
Instrument :
BNA_F
ClientSampleId :
PB157953BL

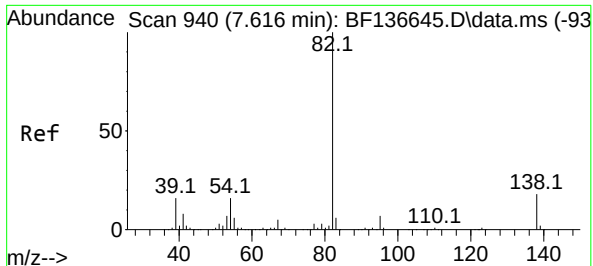
Tgt Ion:136 Resp: 342467
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.4
54 8.2 7.2 10.8
68 5.4 4.9 7.3



#23
Nitrobenzene-d5
Concen: 95.246 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136797.D
Acq: 28 Dec 2023 17:11

Tgt Ion: 82 Resp: 637441
Ion Ratio Lower Upper
82 100
128 44.1 35.3 52.9
54 54.1 44.5 66.7

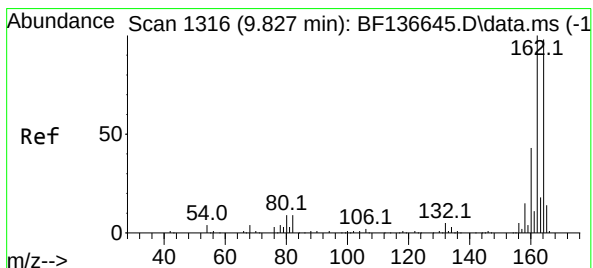
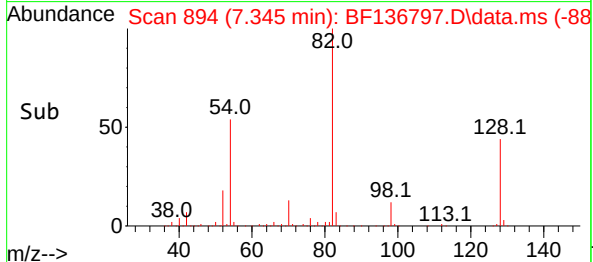
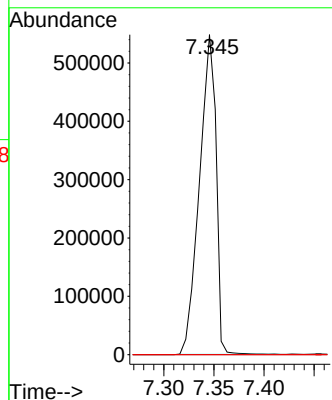
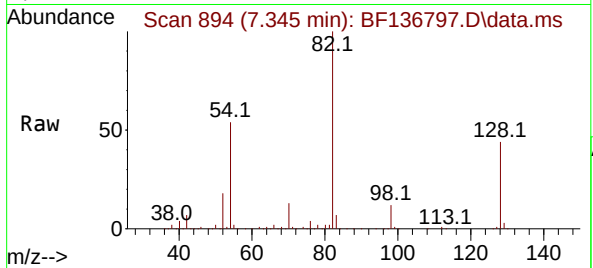




#25
Isophorone
Concen: 52.012 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF136797.D
Acq: 28 Dec 2023 17:11

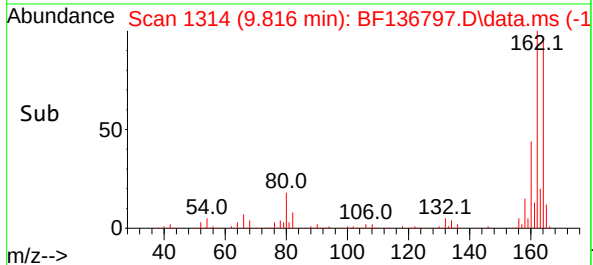
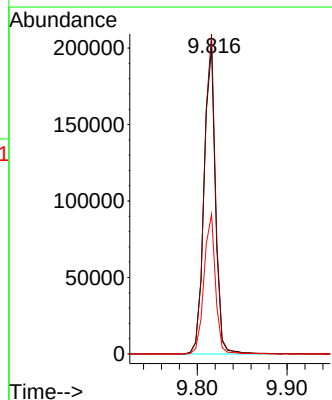
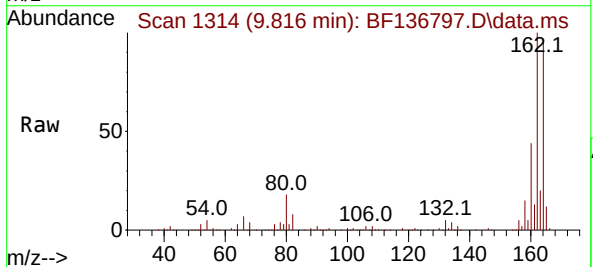
Instrument :
BNA_F
ClientSampleId :
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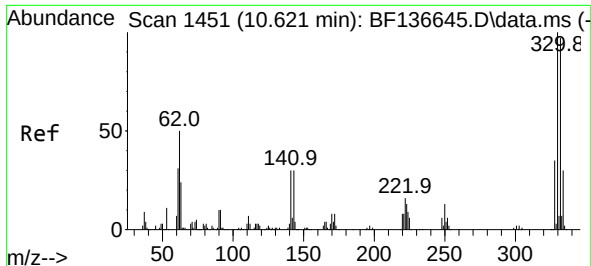
Tgt Ion: 82 Resp: 633396
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136797.D
Acq: 28 Dec 2023 17:11

Tgt Ion:164 Resp: 177306
Ion Ratio Lower Upper
164 100
162 104.3 81.6 122.4
160 45.5 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 139.567 ng

RT: 10.616 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF136797.D

Acq: 28 Dec 2023 17:11

Instrument :

BNA_F

ClientSampleId :

PB157953BL

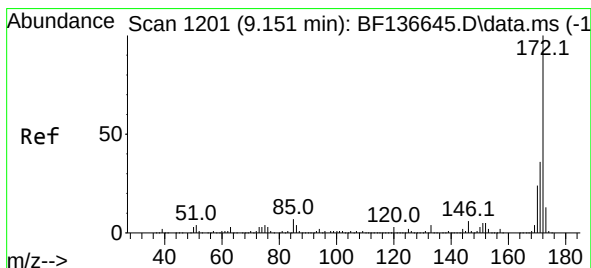
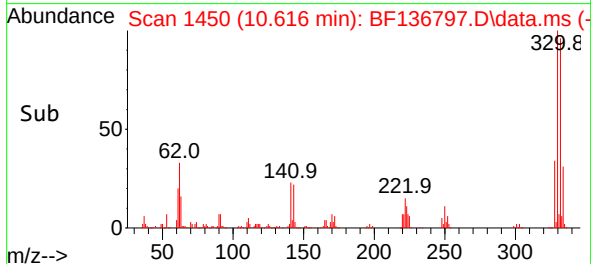
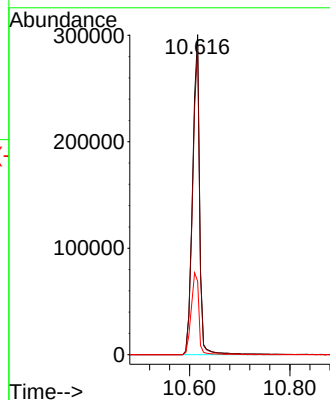
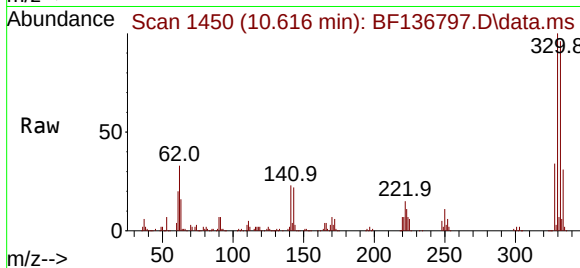
Tgt Ion:330 Resp: 291441

Ion Ratio Lower Upper

330 100

332 95.3 77.4 116.0

141 27.9 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 94.772 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136797.D

Acq: 28 Dec 2023 17:11

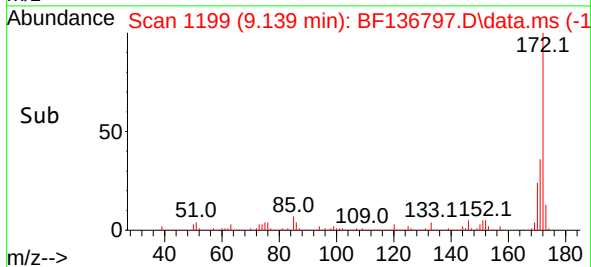
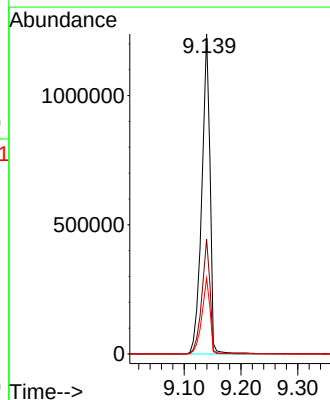
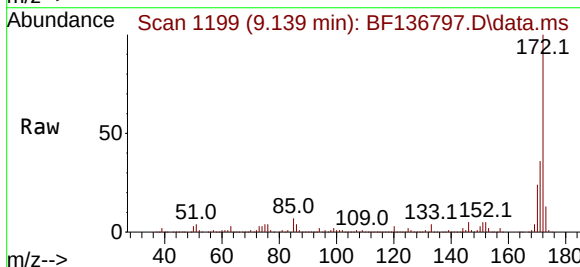
Tgt Ion:172 Resp: 1249357

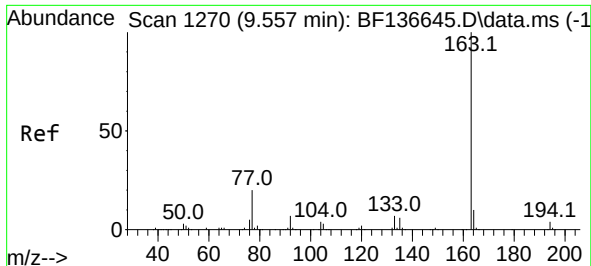
Ion Ratio Lower Upper

172 100

171 35.9 29.0 43.6

170 23.7 19.0 28.4

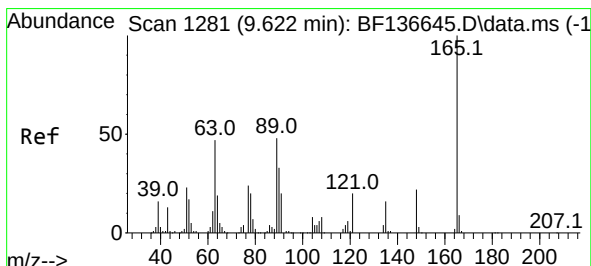
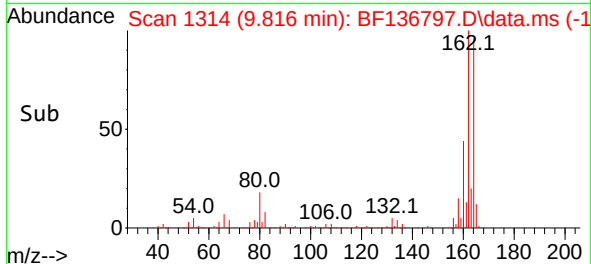
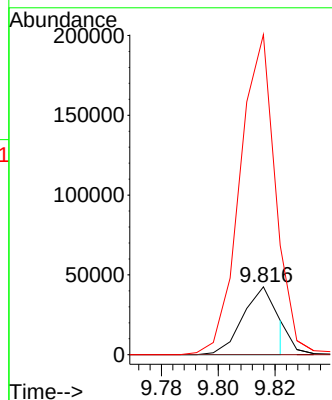
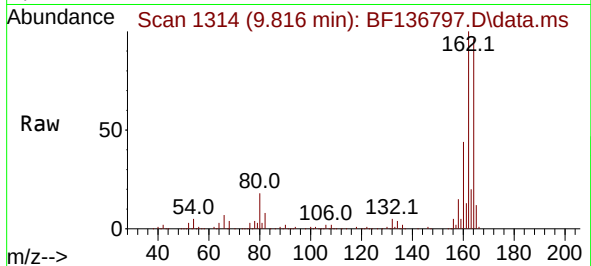




#50
Dimethylphthalate
Concen: 2.790 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF136797.D
Acq: 28 Dec 2023 17:11

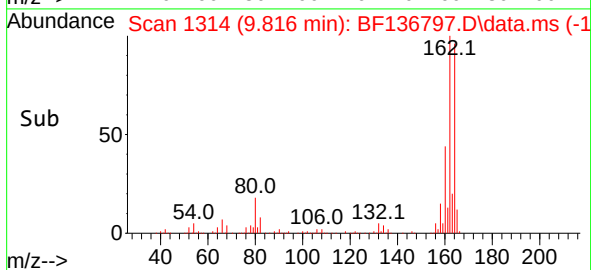
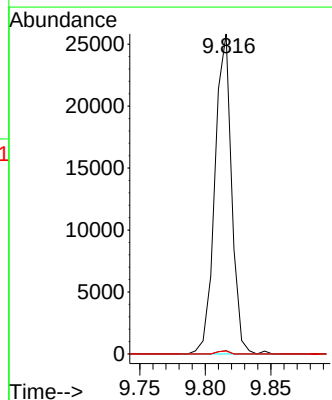
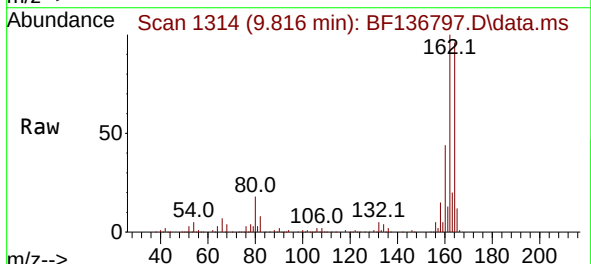
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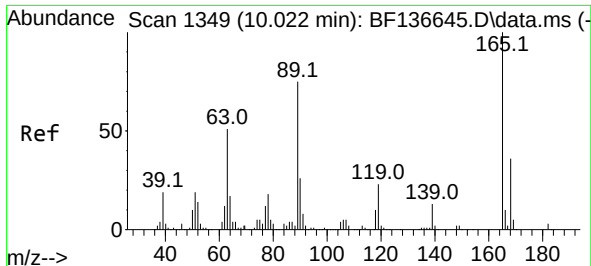
Tgt Ion:163 Resp: 36139
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 471.6 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.784 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136797.D
Acq: 28 Dec 2023 17:11

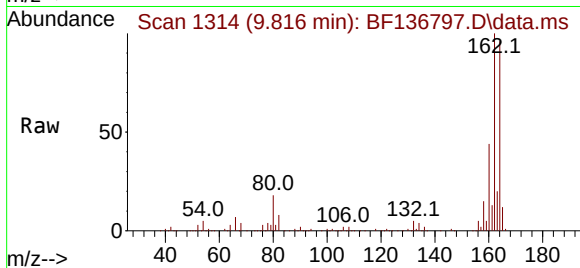
Tgt Ion:165 Resp: 22878
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 0.9 38.8 58.2#



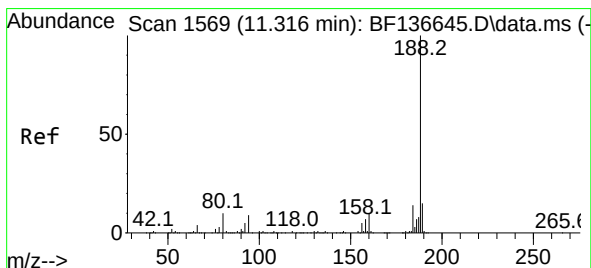
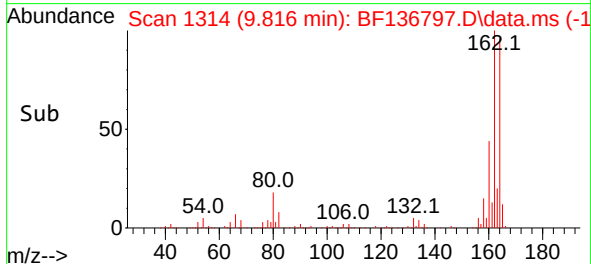
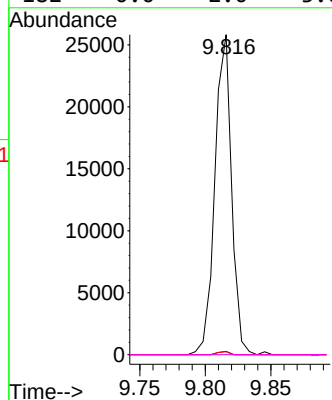


#57
2,4-Dinitrotoluene
Concen: 5.996 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136797.D
Acq: 28 Dec 2023 17:11

Instrument :
BNA_F
ClientSampleId :
PB157953BL

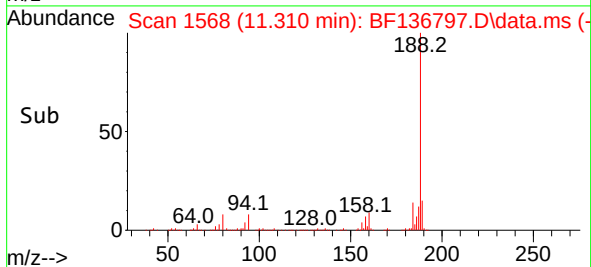
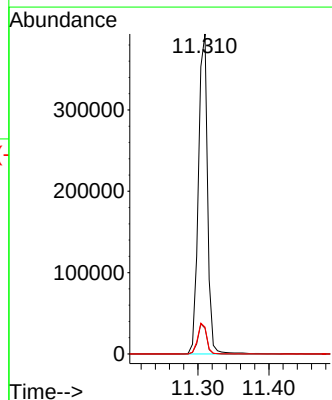
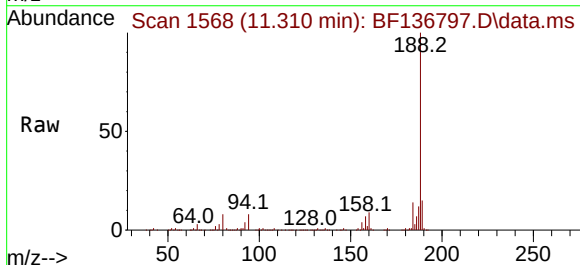


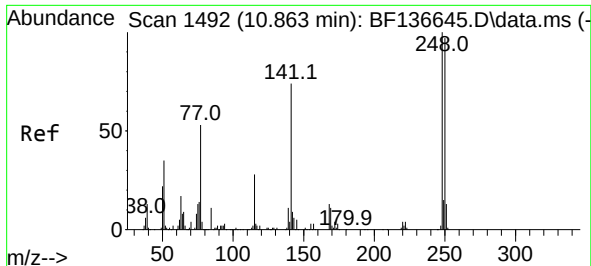
Tgt Ion:165 Resp: 22878
Ion Ratio Lower Upper
165 100
63 1.0 41.0 61.6#
89 0.9 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136797.D
Acq: 28 Dec 2023 17:11

Tgt Ion:188 Resp: 352280
Ion Ratio Lower Upper
188 100
94 8.0 7.5 11.3
80 8.4 8.1 12.1

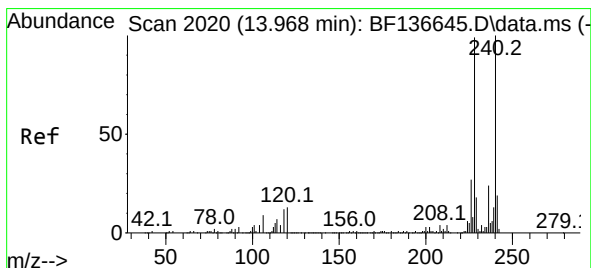
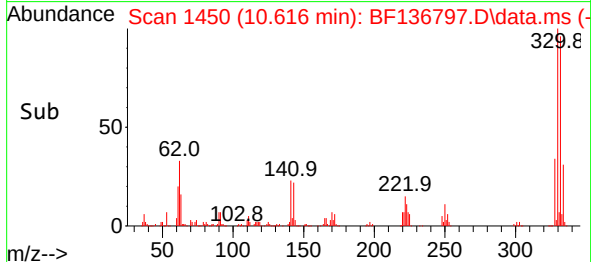
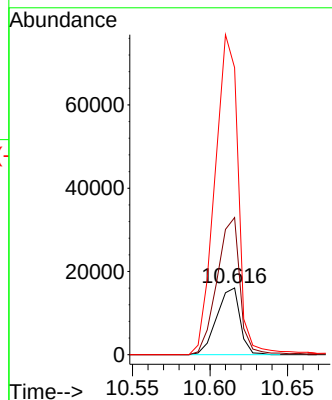
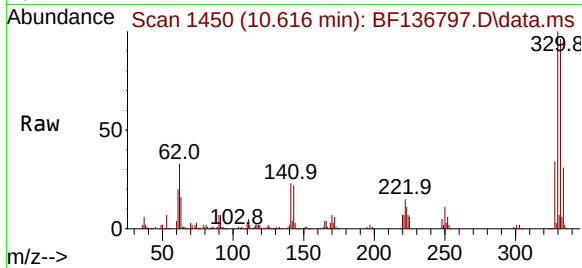




#67
4-Bromophenyl-phenylether
Concen: 4.281 ng
RT: 10.616 min Scan# 1492
Delta R.T. -0.247 min
Lab File: BF136797.D
Acq: 28 Dec 2023 17:11

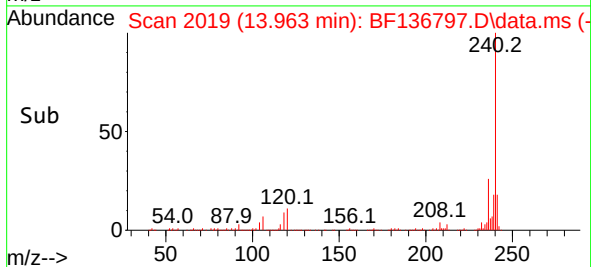
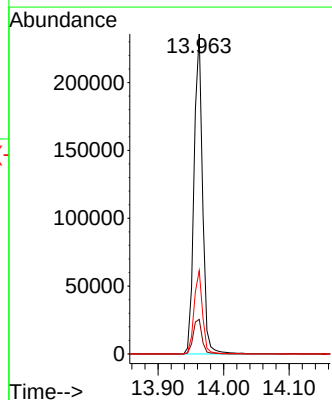
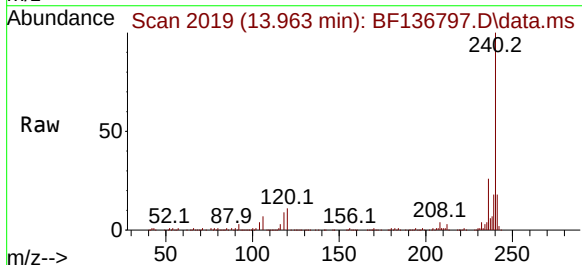
Instrument :
BNA_F
ClientSampleId :
PB157953BL

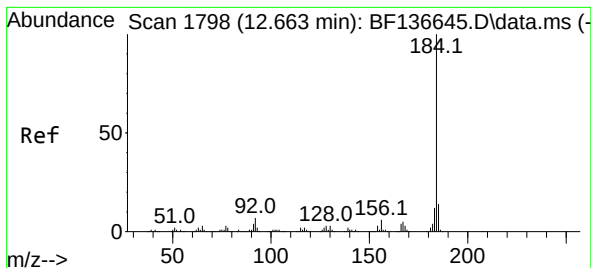
Tgt Ion:248 Resp: 16748
Ion Ratio Lower Upper
248 100
250 205.7 77.8 116.6#
141 430.4 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136797.D
Acq: 28 Dec 2023 17:11

Tgt Ion:240 Resp: 213962
Ion Ratio Lower Upper
240 100
120 10.8 10.3 15.5
236 26.0 19.4 29.2





#77

Benzidine

Concen: 2.488 ng

RT: 12.910 min Scan# 1840

Delta R.T. 0.247 min

Lab File: BF136797.D

Acq: 28 Dec 2023 17:11

Instrument :

BNA_F

ClientSampleId :

PB157953BL

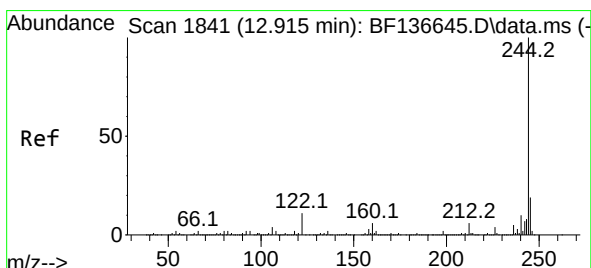
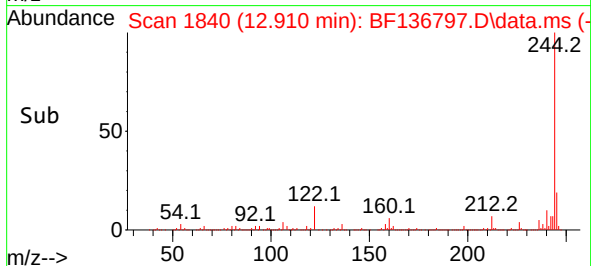
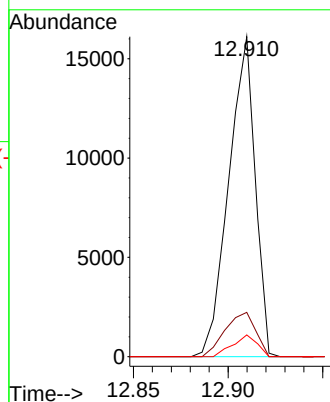
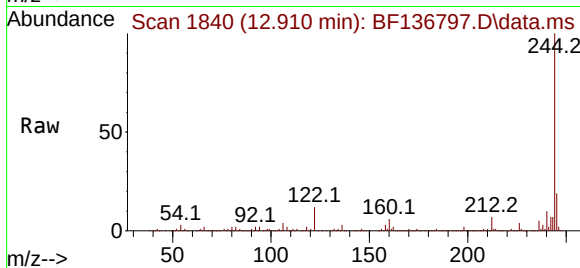
Tgt Ion:184 Resp: 15695

Ion Ratio Lower Upper

184 100

185 13.8 11.2 16.8

183 6.8 9.3 13.9#



#79

Terphenyl-d14

Concen: 89.274 ng

RT: 12.910 min Scan# 1840

Delta R.T. -0.006 min

Lab File: BF136797.D

Acq: 28 Dec 2023 17:11

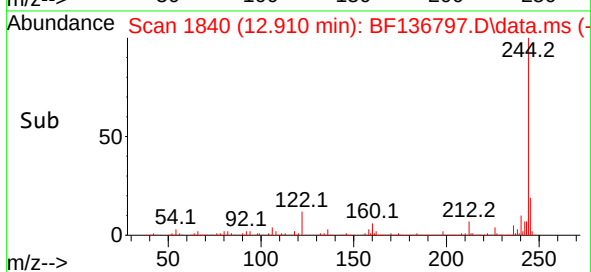
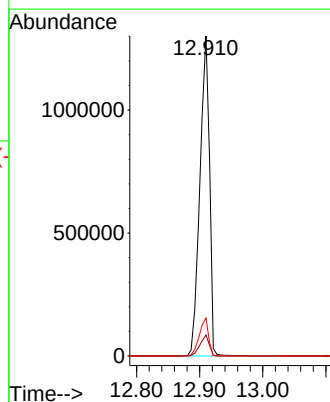
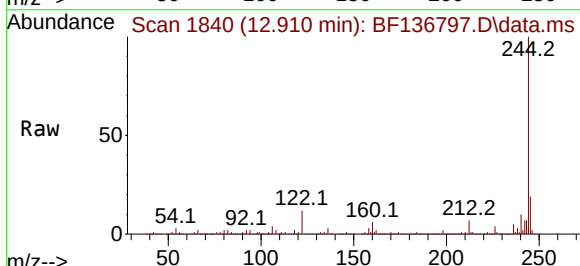
Tgt Ion:244 Resp: 1366849

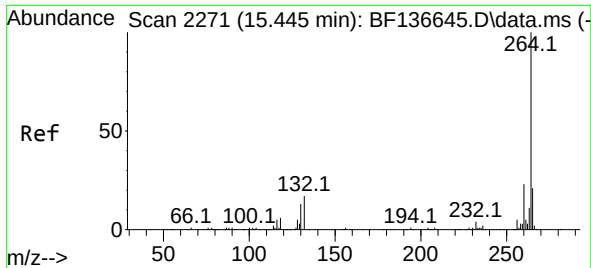
Ion Ratio Lower Upper

244 100

212 6.5 5.0 7.4

122 11.9 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: BF136797.D
Acq: 28 Dec 2023 17:11

Instrument :
BNA_F
ClientSampleId :
PB157953BL

Tgt Ion:264 Resp: 178433
Ion Ratio Lower Upper
264 100
260 23.0 18.3 27.5
265 21.2 17.0 25.6

