

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122023\
 Data File : BF136656.D
 Acq On : 20 Dec 2023 19:37
 Operator : CG\JU
 Sample : PB157565BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157565BL

Quant Time: Dec 21 02:19:25 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)

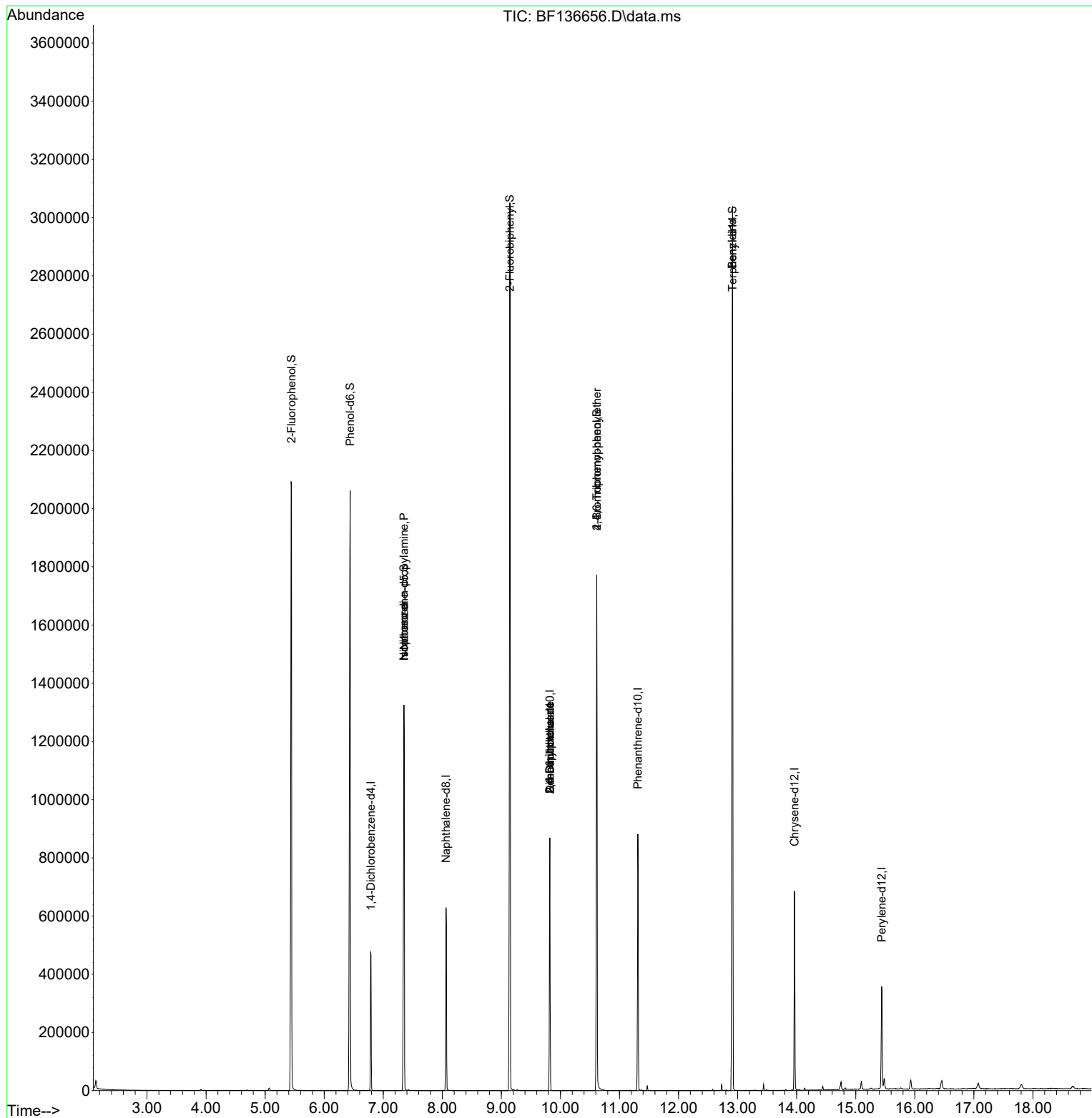
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	73364	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	298394	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	161723	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	336477	20.000	ng	0.00
76) Chrysene-d12	13.963	240	208466	20.000	ng	0.00
86) Perylene-d12	15.439	264	167430	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	643575	136.874	ng	0.02
7) Phenol-d6	6.440	99	816653	134.040	ng	0.00
23) Nitrobenzene-d5	7.351	82	500679	85.861	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	236687	124.268	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1002311	83.358	ng	0.00
79) Terphenyl-d14	12.916	244	1205952	80.842	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	66335	17.961	ng	# 76
25) Isophorone	7.351	82	498336	46.966	ng	# 65
50) Dimethylphthalate	9.822	163	32846	2.781	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	20501	7.647	ng	# 30
57) 2,4-Dinitrotoluene	9.822	165	20501	5.891	ng	# 21
67) 4-Bromophenyl-phenylether	10.616	248	13922	3.726	ng	# 1
77) Benzidine	12.910	184	13892	2.260	ng	# 91

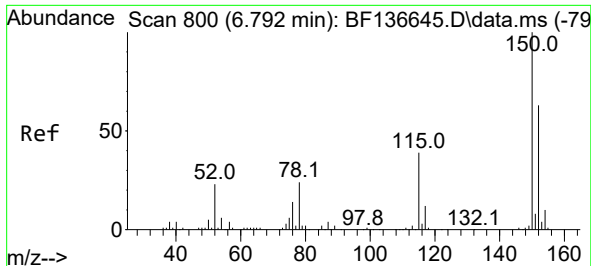
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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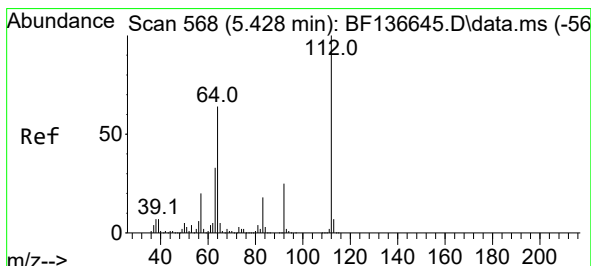
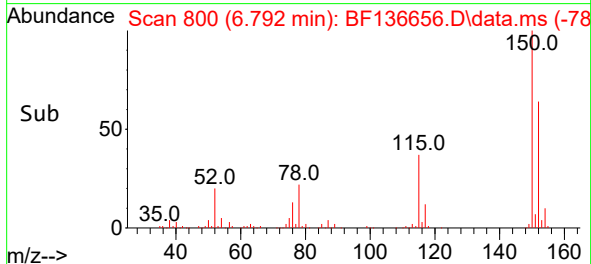
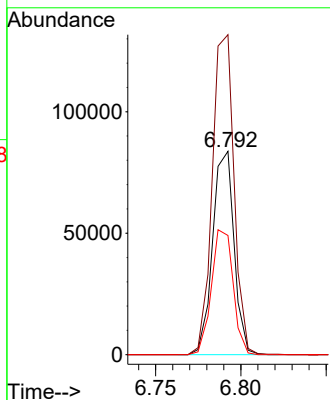
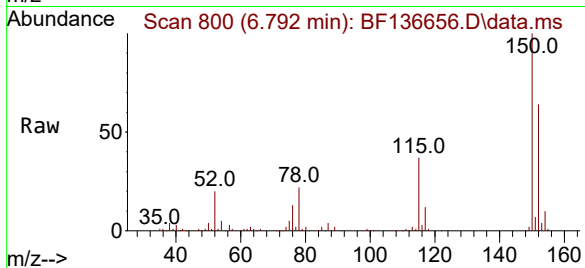




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF136656.D
Acq: 20 Dec 2023 19:37

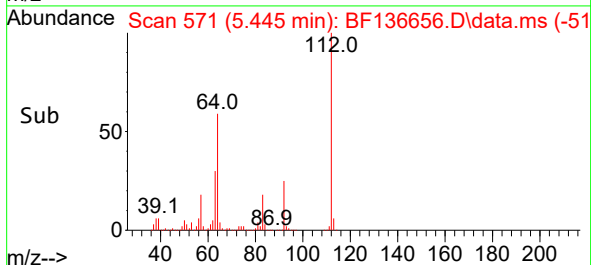
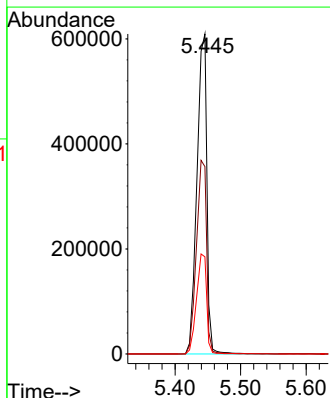
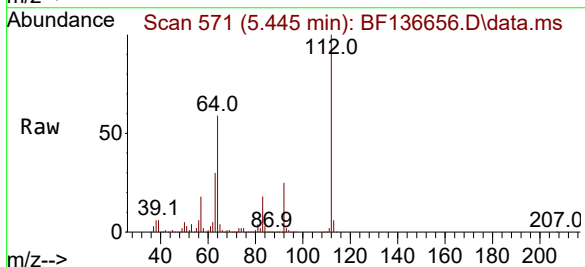
Instrument :
BNA_F
ClientSampleId :
PB157565BL

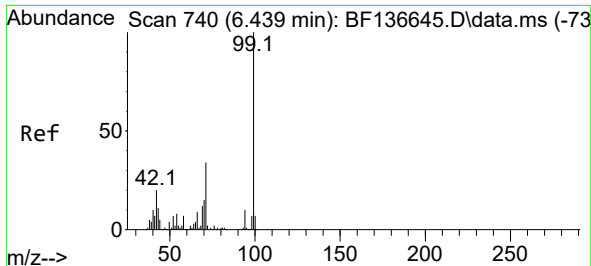
Tgt Ion:152 Resp: 73364
Ion Ratio Lower Upper
152 100
150 157.4 127.0 190.6
115 58.6 49.0 73.4



#5
2-Fluorophenol
Concen: 136.874 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.018 min
Lab File: BF136656.D
Acq: 20 Dec 2023 19:37

Tgt Ion:112 Resp: 643575
Ion Ratio Lower Upper
112 100
64 58.6 51.1 76.7
63 30.3 26.1 39.1

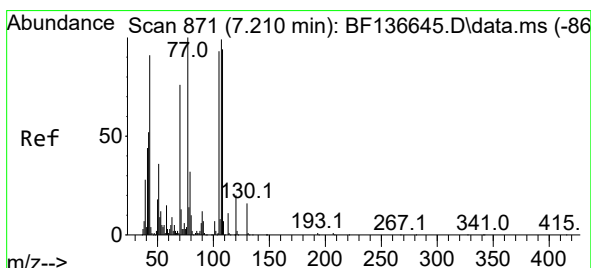
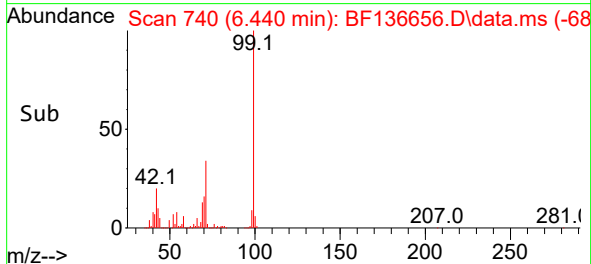
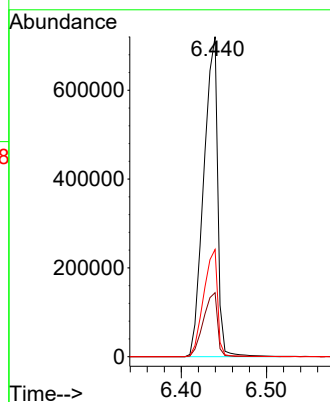
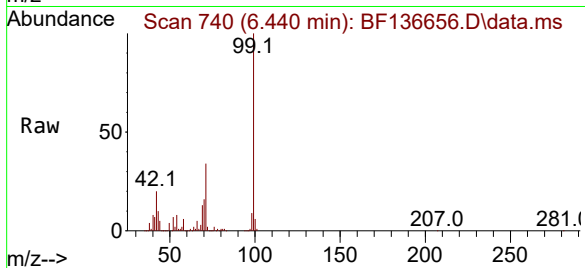




#7
Phenol-d6
Concen: 134.040 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF136656.D
Acq: 20 Dec 2023 19:37

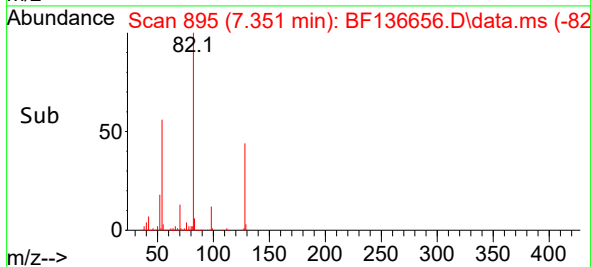
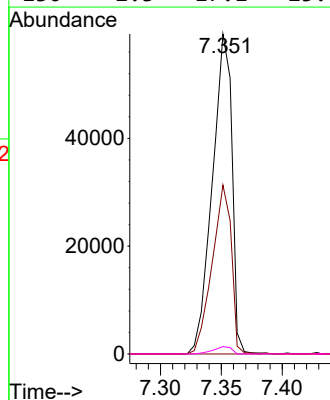
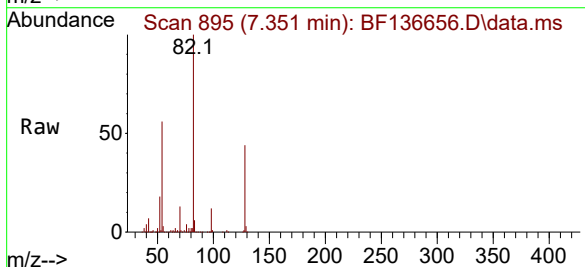
Instrument :
BNA_F
ClientSampleId :
PB157565BL

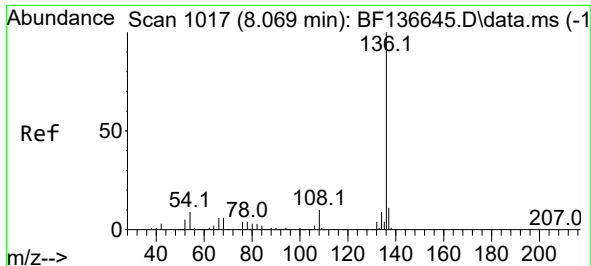
Tgt Ion: 99 Resp: 816653
Ion Ratio Lower Upper
99 100
42 20.0 16.1 24.1
71 33.5 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 17.961 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF136656.D
Acq: 20 Dec 2023 19:37

Tgt Ion: 70 Resp: 66335
Ion Ratio Lower Upper
70 100
42 52.8 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: 8.063 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136656.D

Acq: 20 Dec 2023 19:37

Instrument :

BNA_F

ClientSampleId :

PB157565BL

Tgt Ion:136 Resp: 298394

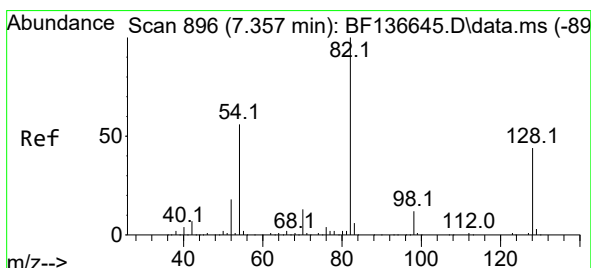
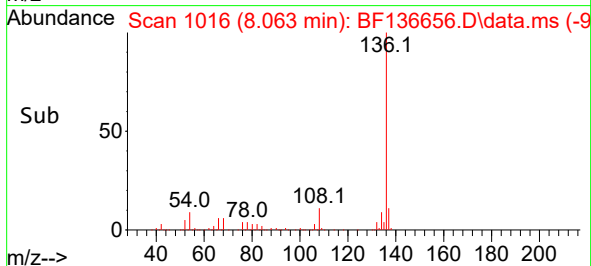
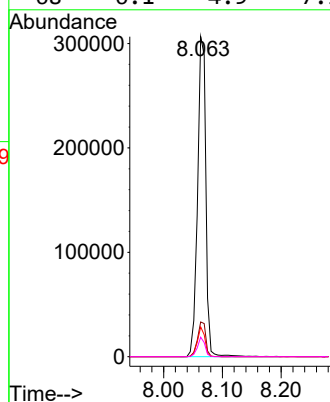
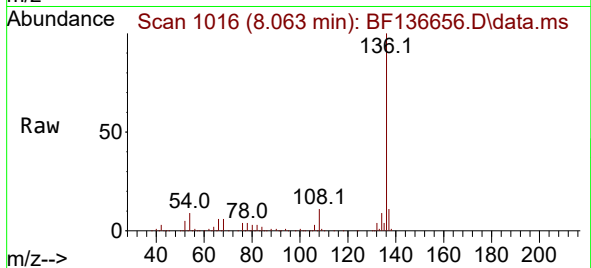
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 9.3 7.2 10.8

68 6.1 4.9 7.3



#23

Nitrobenzene-d5

Concen: 85.861 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF136656.D

Acq: 20 Dec 2023 19:37

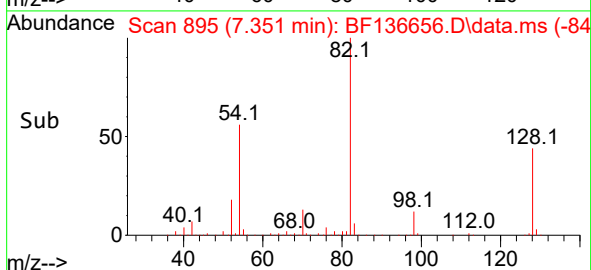
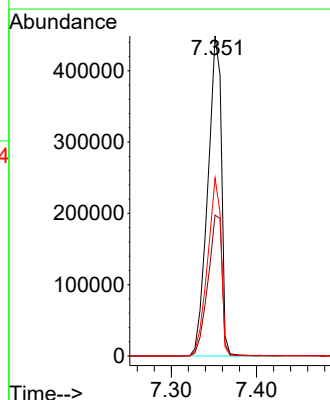
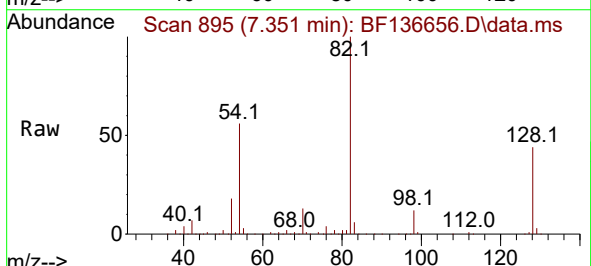
Tgt Ion: 82 Resp: 500679

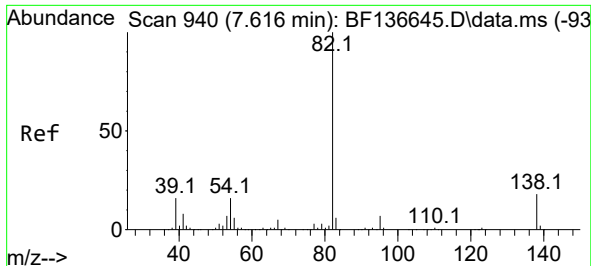
Ion Ratio Lower Upper

82 100

128 44.0 35.3 52.9

54 55.6 44.5 66.7

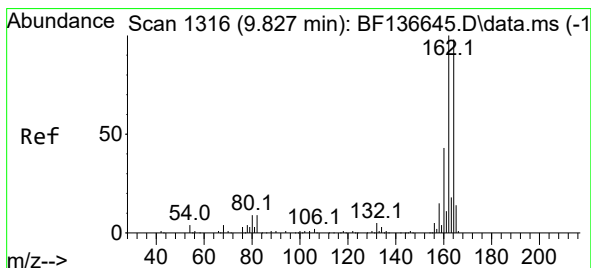
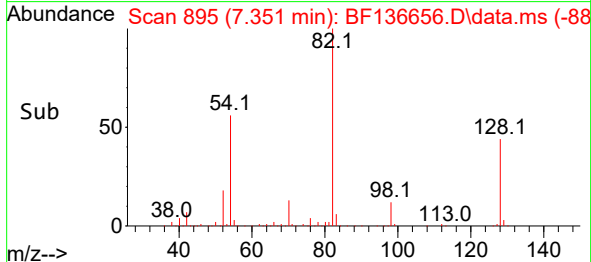
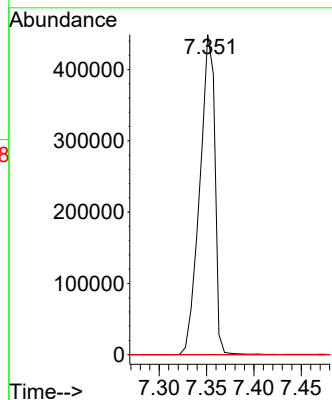
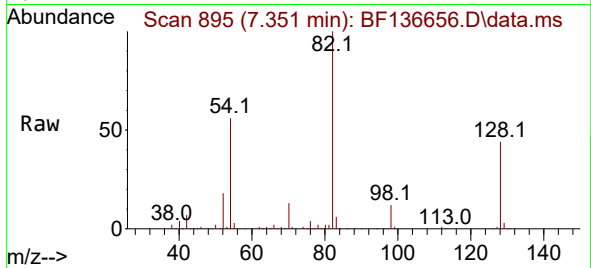




#25
Isophorone
Concen: 46.966 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF136656.D
Acq: 20 Dec 2023 19:37

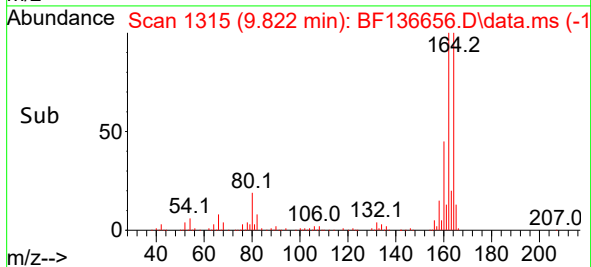
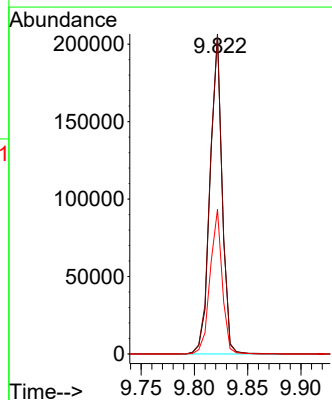
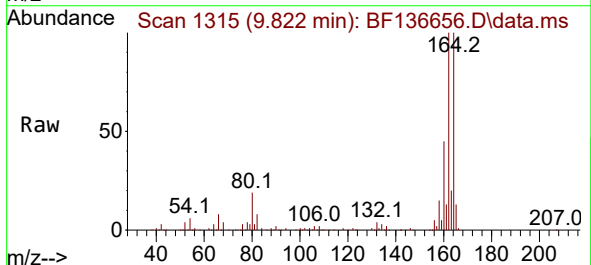
Instrument :
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ClientSampleId :
PB157565BL

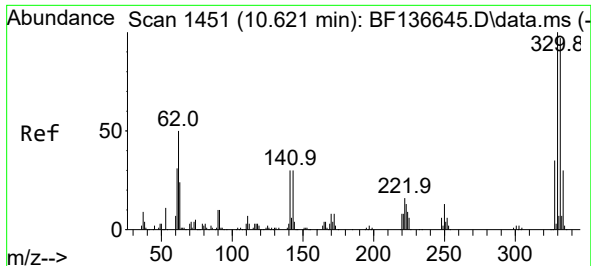
Tgt Ion: 82 Resp: 498336
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF136656.D
Acq: 20 Dec 2023 19:37

Tgt Ion: 164 Resp: 161723
Ion Ratio Lower Upper
164 100
162 99.7 81.6 122.4
160 45.2 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 124.268 ng

RT: 10.616 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF136656.D

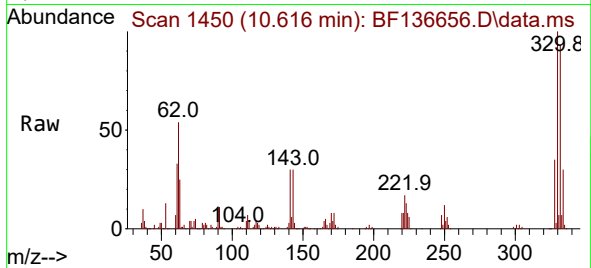
Acq: 20 Dec 2023 19:37

Instrument :

BNA_F

ClientSampleId :

PB157565BL



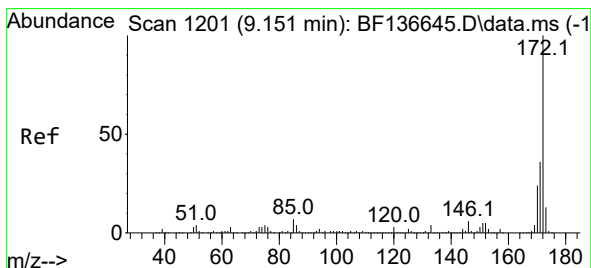
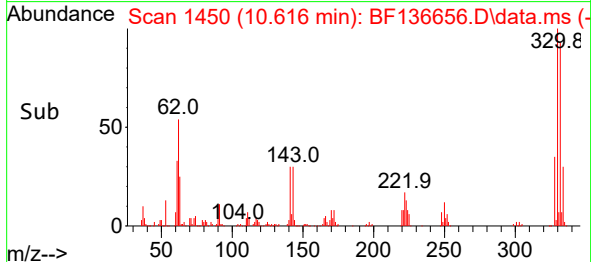
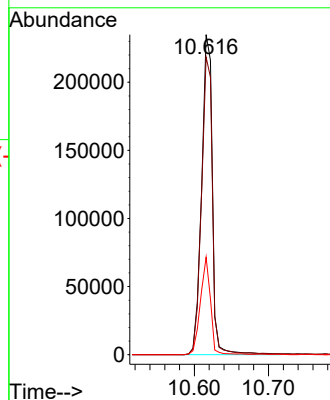
Tgt Ion:330 Resp: 236687

Ion Ratio Lower Upper

330 100

332 95.0 77.4 116.0

141 28.5 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 83.358 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF136656.D

Acq: 20 Dec 2023 19:37

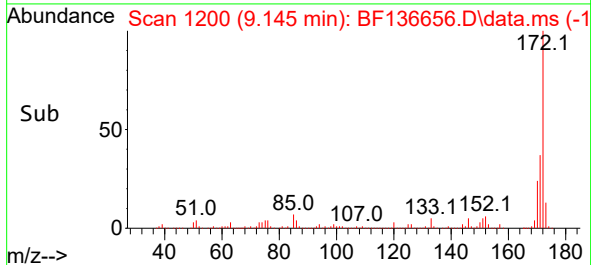
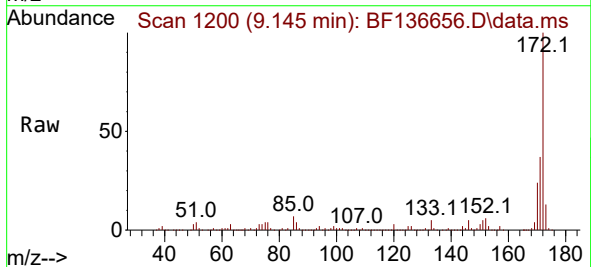
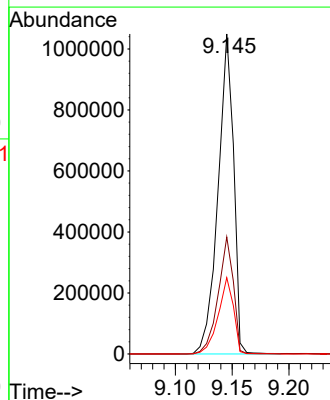
Tgt Ion:172 Resp: 1002311

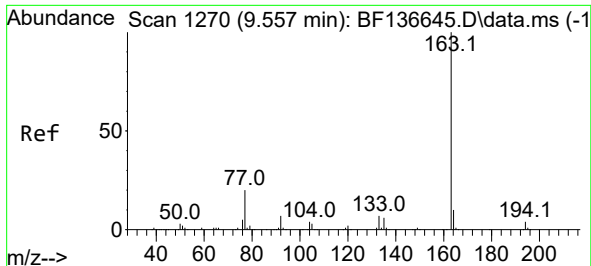
Ion Ratio Lower Upper

172 100

171 36.5 29.0 43.6

170 23.9 19.0 28.4

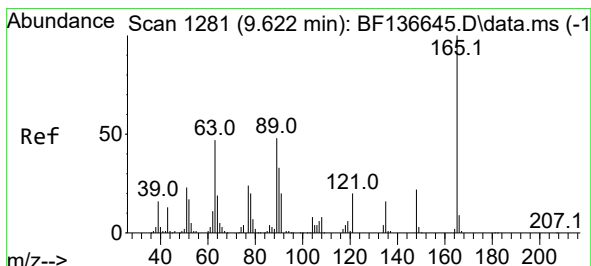
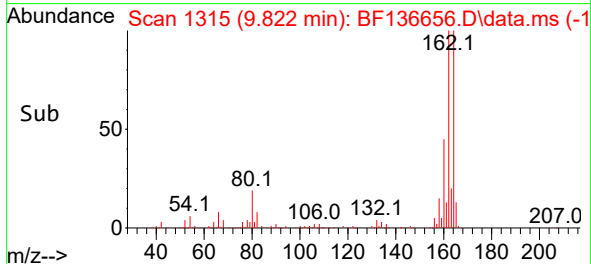
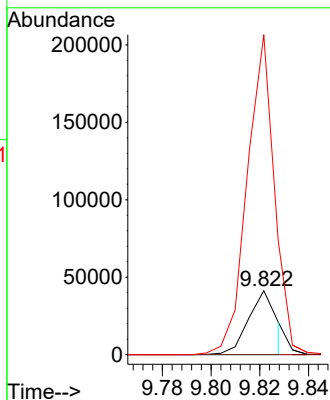
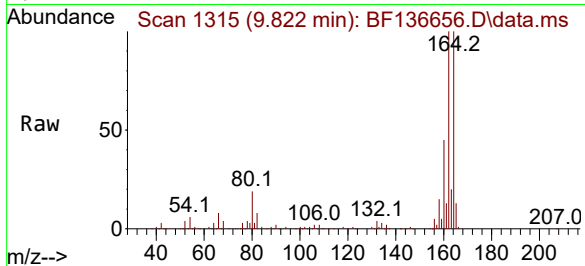




#50
Dimethylphthalate
Concen: 2.781 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF136656.D
Acq: 20 Dec 2023 19:37

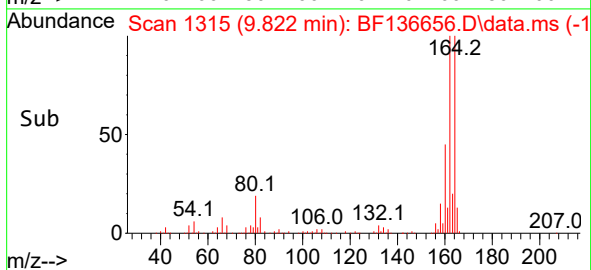
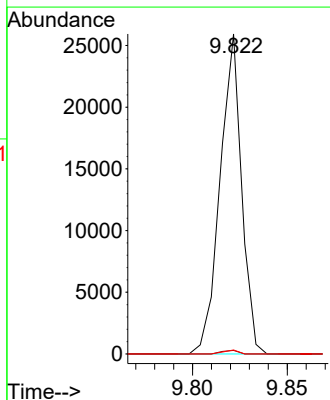
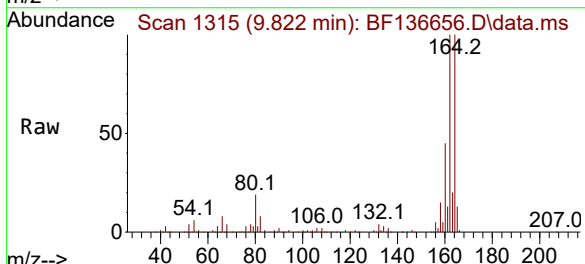
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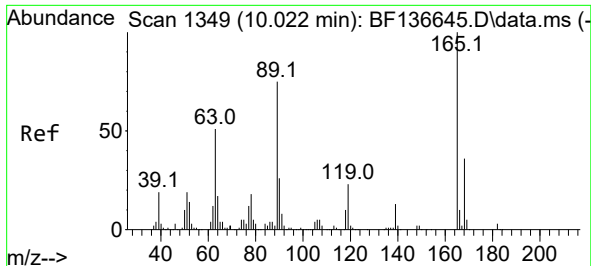
Tgt Ion:163 Resp: 32846
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 499.5 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.647 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF136656.D
Acq: 20 Dec 2023 19:37

Tgt Ion:165 Resp: 20501
Ion Ratio Lower Upper
165 100
63 1.1 39.8 59.6#
89 1.2 38.8 58.2#

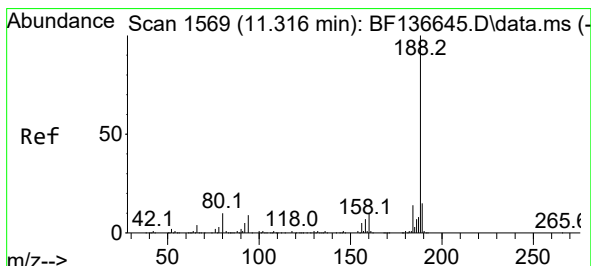
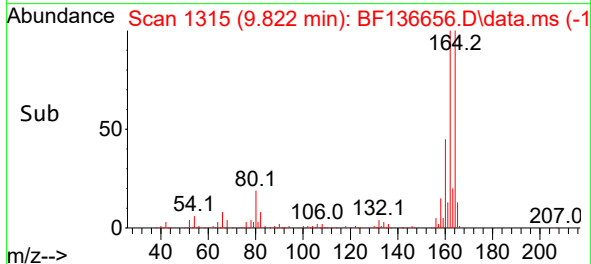
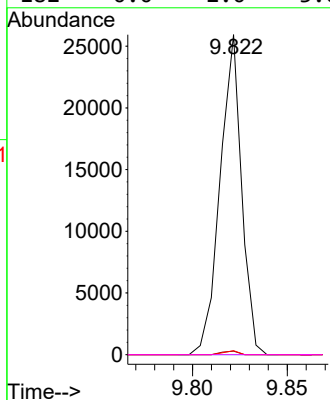
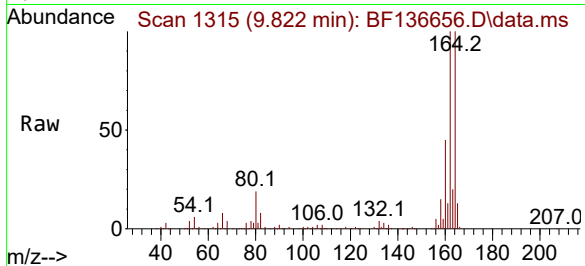




#57
2,4-Dinitrotoluene
Concen: 5.891 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.200 min
Lab File: BF136656.D
Acq: 20 Dec 2023 19:37

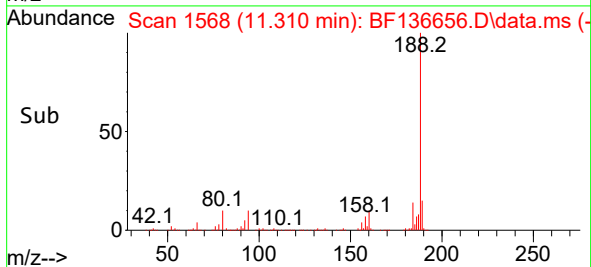
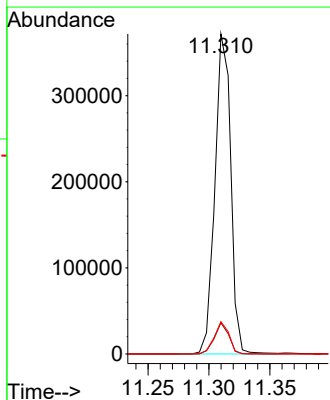
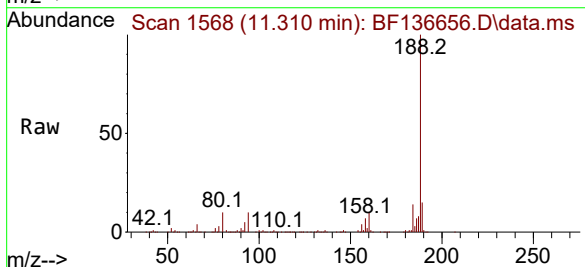
Instrument :
BNA_F
ClientSampleId :
PB157565BL

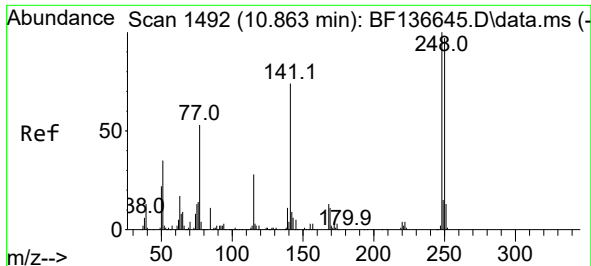
Tgt Ion:165 Resp: 20501
Ion Ratio Lower Upper
165 100
63 1.1 41.0 61.6#
89 1.2 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136656.D
Acq: 20 Dec 2023 19:37

Tgt Ion:188 Resp: 336477
Ion Ratio Lower Upper
188 100
94 9.8 7.5 11.3
80 10.1 8.1 12.1

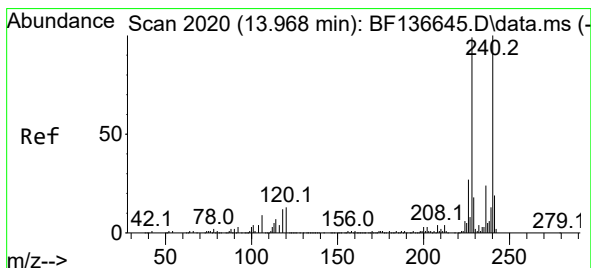
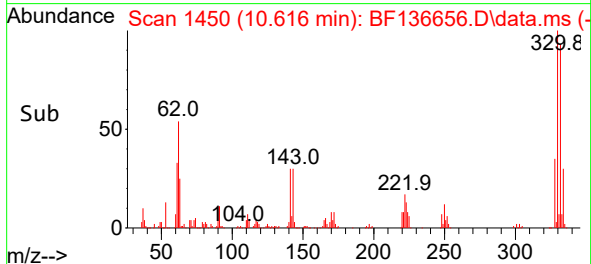
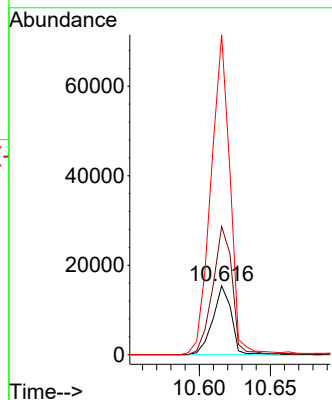
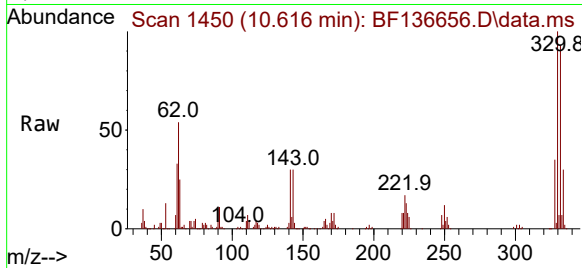




#67
4-Bromophenyl-phenylether
Concen: 3.726 ng
RT: 10.616 min Scan# 1492
Delta R.T. -0.247 min
Lab File: BF136656.D
Acq: 20 Dec 2023 19:37

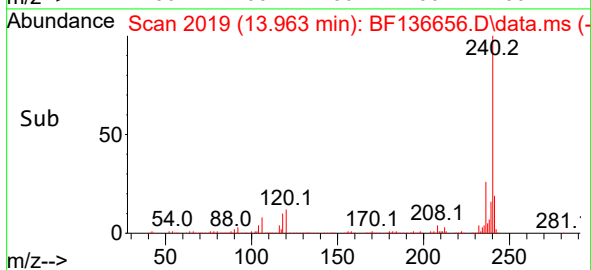
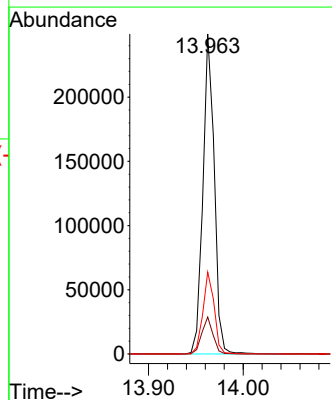
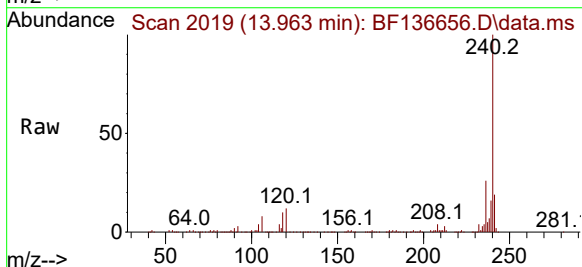
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BNA_F
ClientSampleId :
PB157565BL

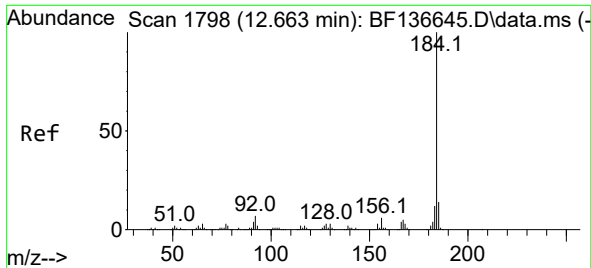
Tgt Ion:248 Resp: 13922
Ion Ratio Lower Upper
248 100
250 186.3 77.8 116.6#
141 465.3 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136656.D
Acq: 20 Dec 2023 19:37

Tgt Ion:240 Resp: 208466
Ion Ratio Lower Upper
240 100
120 11.6 10.3 15.5
236 25.6 19.4 29.2

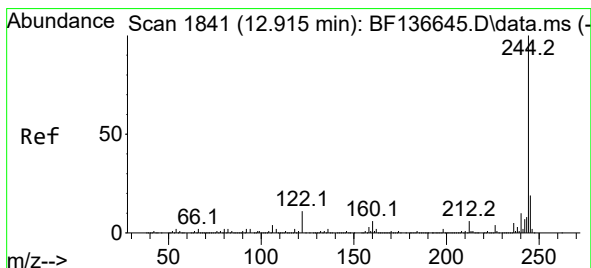
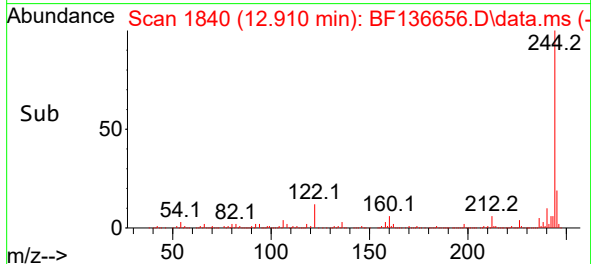
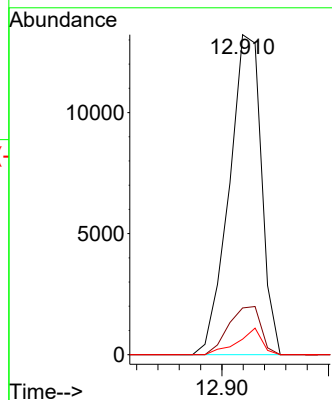
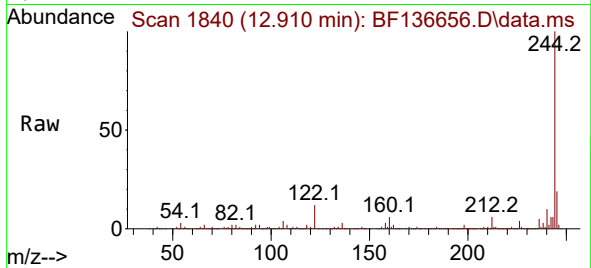




#77
Benzidine
Concen: 2.260 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.247 min
Lab File: BF136656.D
Acq: 20 Dec 2023 19:37

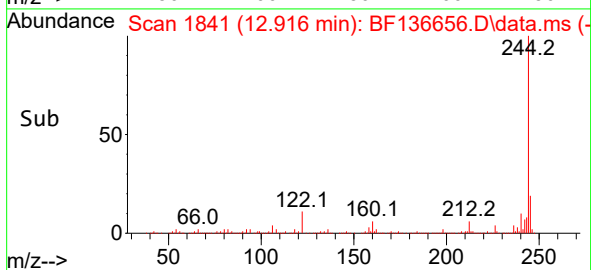
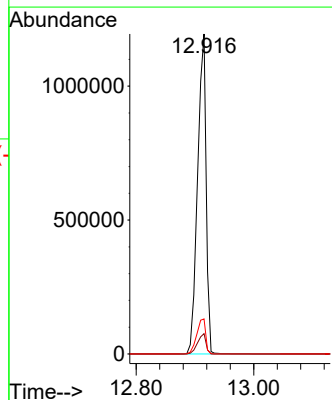
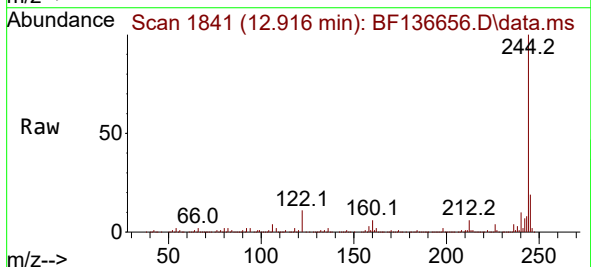
Instrument :
BNA_F
ClientSampleId :
PB157565BL

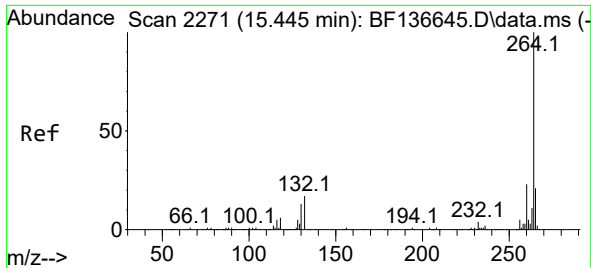
Tgt Ion:184 Resp: 13892
Ion Ratio Lower Upper
184 100
185 14.6 11.2 16.8
183 4.8 9.3 13.9#



#79
Terphenyl-d14
Concen: 80.842 ng
RT: 12.916 min Scan# 1841
Delta R.T. 0.000 min
Lab File: BF136656.D
Acq: 20 Dec 2023 19:37

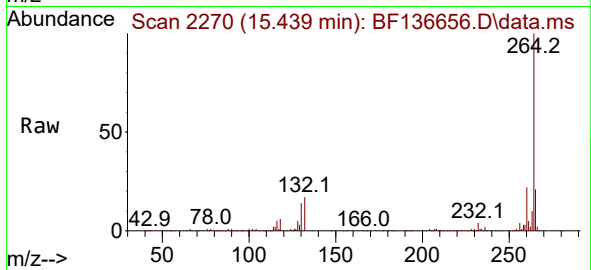
Tgt Ion:244 Resp: 1205952
Ion Ratio Lower Upper
244 100
212 6.3 5.0 7.4
122 10.9 9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136656.D
Acq: 20 Dec 2023 19:37

Instrument :
BNA_F
ClientSampleId :
PB157565BL



Tgt Ion:264 Resp: 167430
Ion Ratio Lower Upper
264 100
260 22.1 18.3 27.5
265 20.6 17.0 25.6

