

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110423\
 Data File : BF136139.D
 Acq On : 04 Nov 2023 10:03
 Operator : CG\JU
 Sample : PB156876BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156876BL

Quant Time: Nov 06 00:57:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 06 00:53:35 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

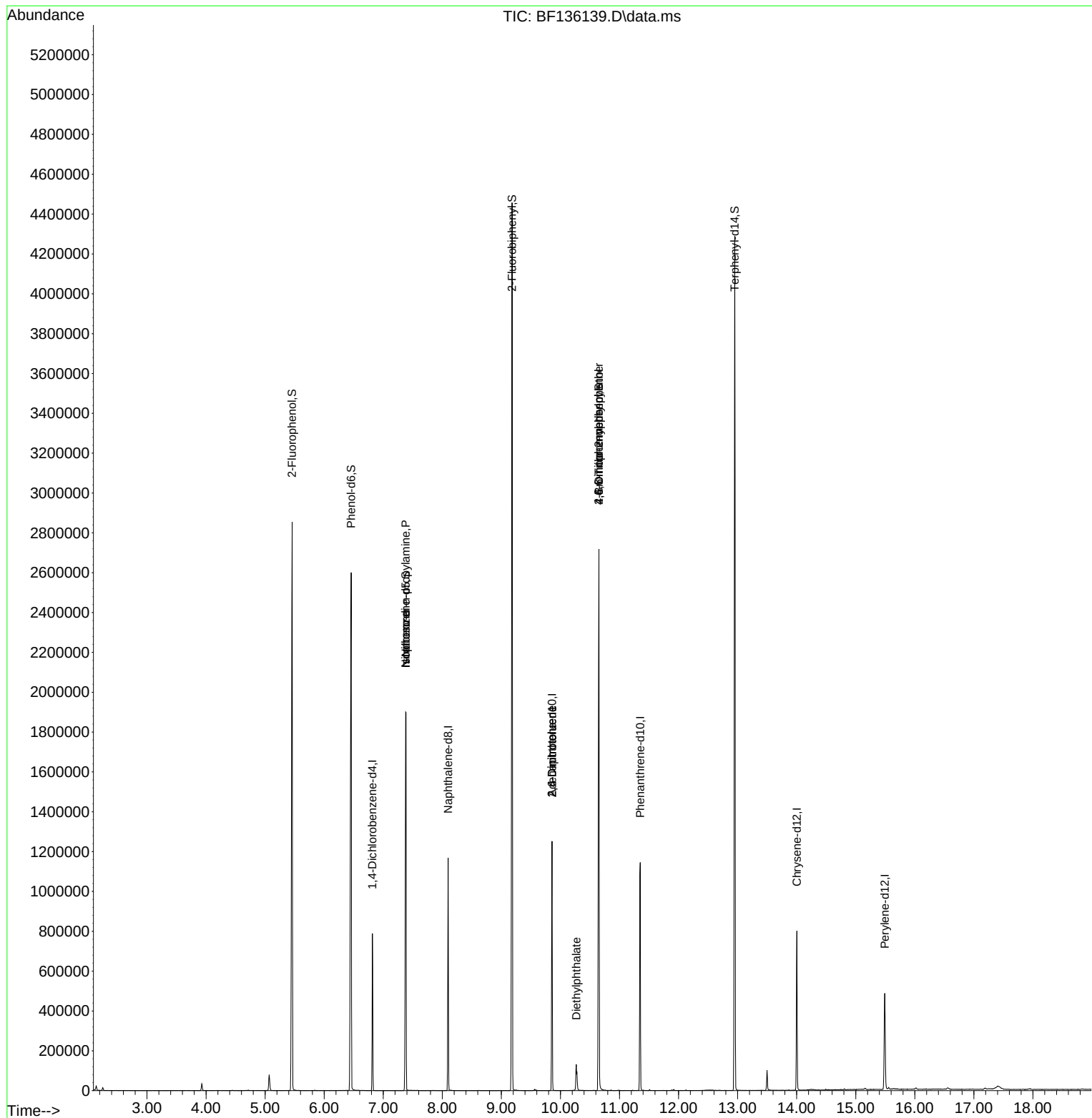
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	107244	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	425746	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	233790	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	442296	20.000	ng	0.00
76) Chrysene-d12	14.004	240	263470	20.000	ng	0.00
86) Perylene-d12	15.492	264	227644	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	867002	127.039	ng	0.01
7) Phenol-d6	6.457	99	1060785	124.752	ng	0.00
23) Nitrobenzene-d5	7.381	82	693633	98.213	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	345902	138.615	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1326358	90.438	ng	0.00
79) Terphenyl-d14	12.951	244	1648160	97.214	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.381	70	92129	18.962	ng	# 77
25) Isophorone	7.381	82	693626	52.022	ng	# 64
51) 2,6-Dinitrotoluene	9.857	165	29688	9.001	ng	# 28
57) 2,4-Dinitrotoluene	9.857	165	29688	7.114	ng	# 25
60) Diethylphthalate	10.269	149	76959	5.223	ng	99
65) 4,6-Dinitro-2-methylph...	10.651	198	701	6.044	ng	# 1
67) 4-Bromophenyl-phenylether	10.651	248	21815	4.704	ng	# 1

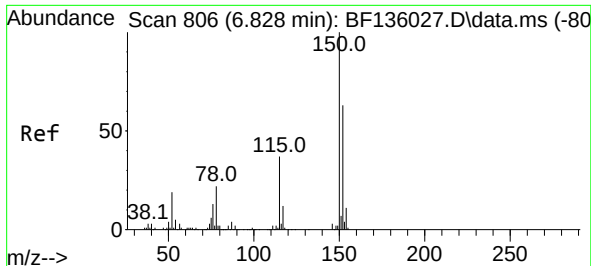
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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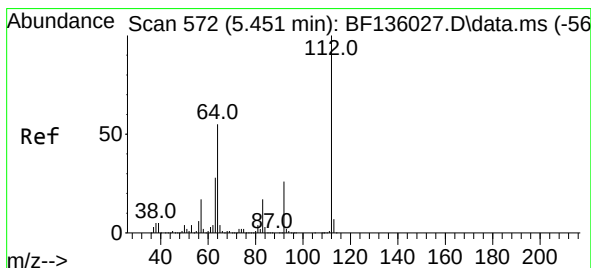
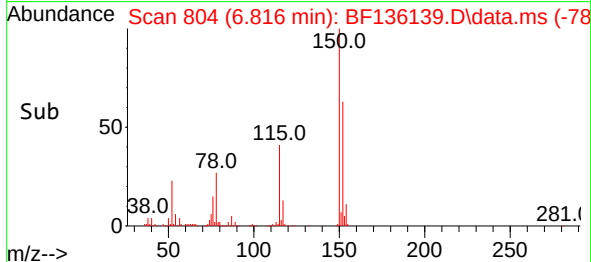
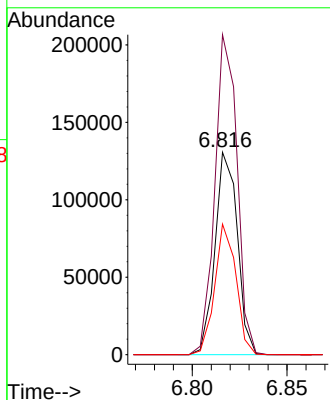
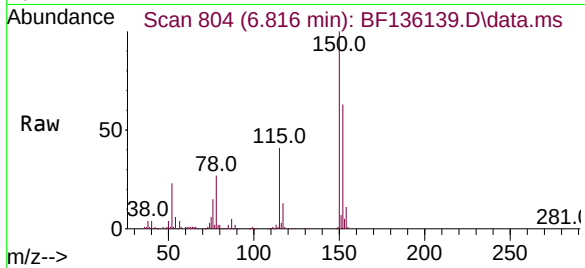




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF136139.D
Acq: 04 Nov 2023 10:03

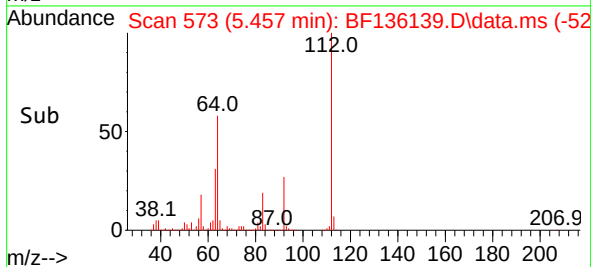
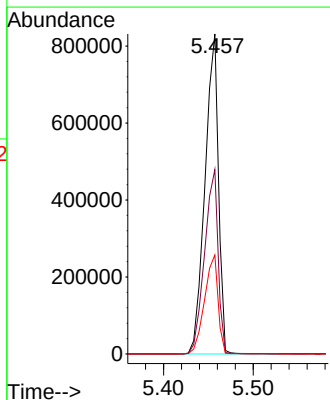
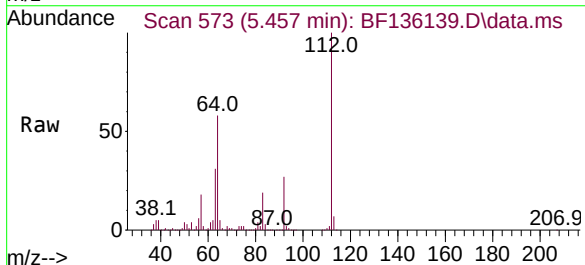
Instrument :
BNA_F
ClientSampleId :
PB156876BL

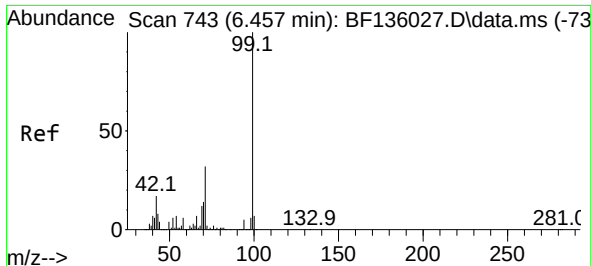
Tgt Ion:152 Resp: 107244
Ion Ratio Lower Upper
152 100
150 158.0 126.4 189.6
115 64.5 47.0 70.4



#5
2-Fluorophenol
Concen: 127.039 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.012 min
Lab File: BF136139.D
Acq: 04 Nov 2023 10:03

Tgt Ion:112 Resp: 867002
Ion Ratio Lower Upper
112 100
64 57.6 43.9 65.9
63 30.9 22.4 33.6

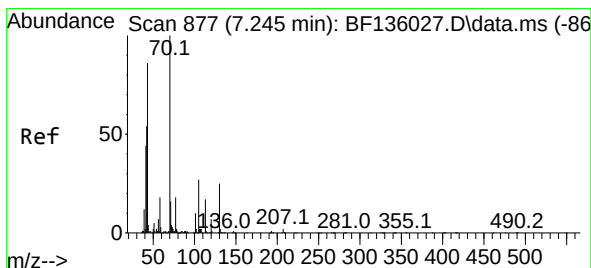
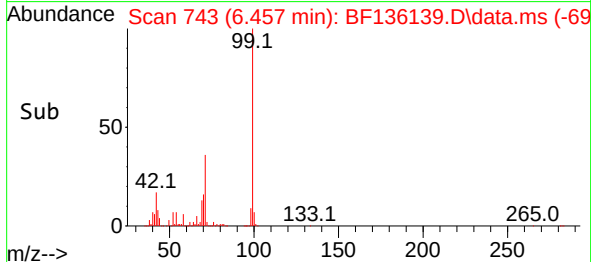
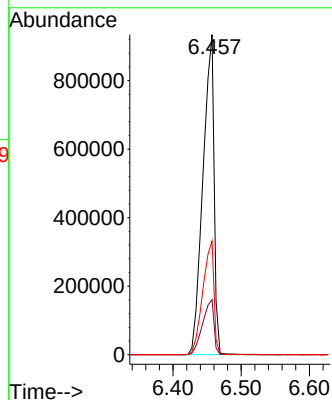
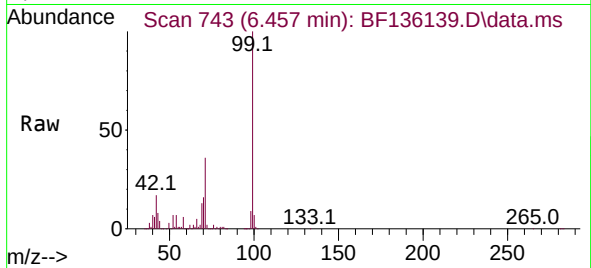




#7
Phenol-d6
Concen: 124.752 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF136139.D
Acq: 04 Nov 2023 10:03

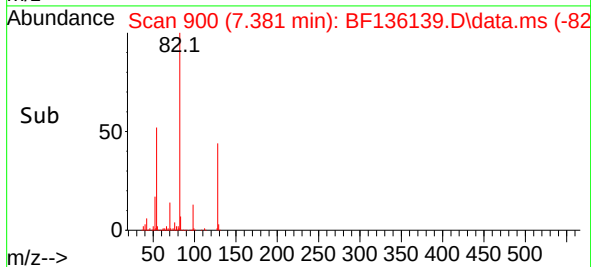
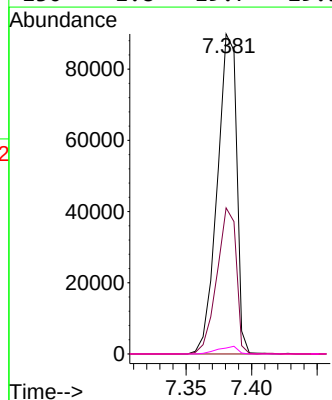
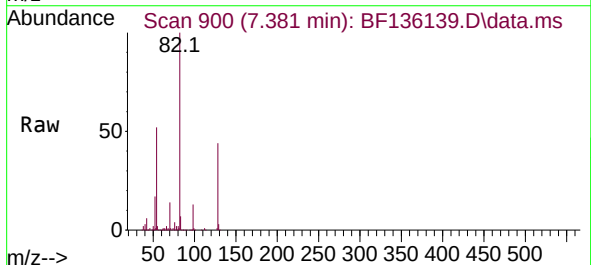
Instrument :
BNA_F
ClientSampleId :
PB156876BL

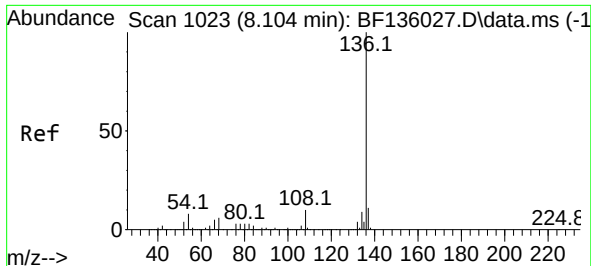
Tgt Ion: 99 Resp: 1060785
Ion Ratio Lower Upper
99 100
42 17.2 13.7 20.5
71 35.5 25.9 38.9



#19
n-Nitroso-di-n-propylamine
Concen: 18.962 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF136139.D
Acq: 04 Nov 2023 10:03

Tgt Ion: 70 Resp: 92129
Ion Ratio Lower Upper
70 100
42 45.6 43.0 64.4
101 0.0 8.0 12.0#
130 1.8 19.7 29.5#



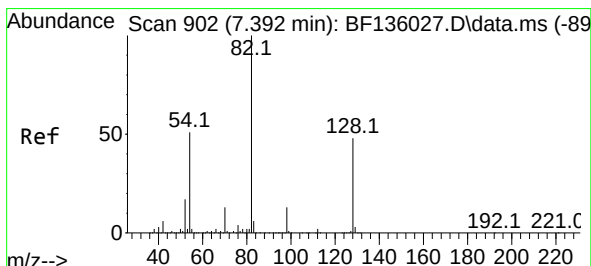
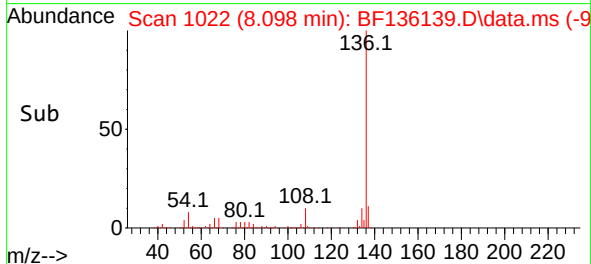
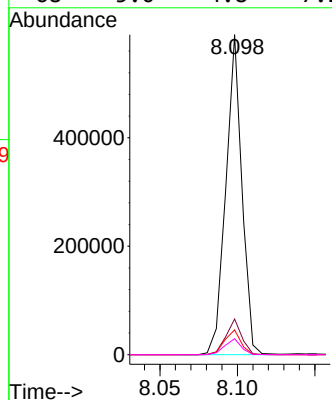
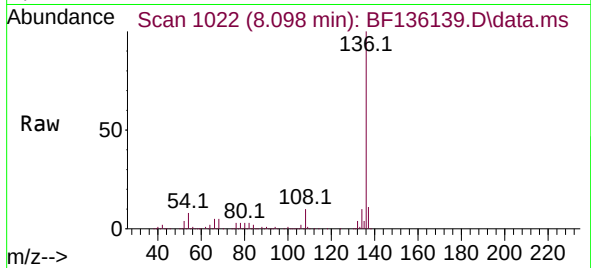


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF136139.D
Acq: 04 Nov 2023 10:03

Instrument :
BNA_F
ClientSampleId :
PB156876BL

Tgt Ion:136 Resp: 425746

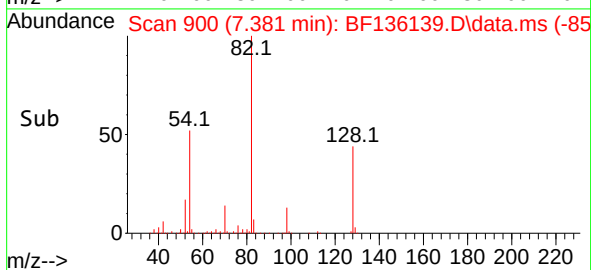
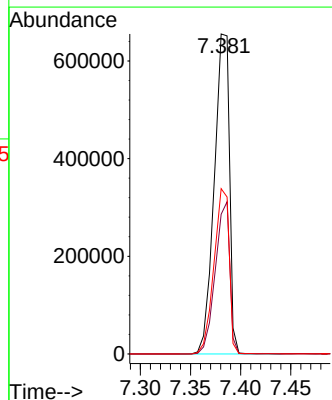
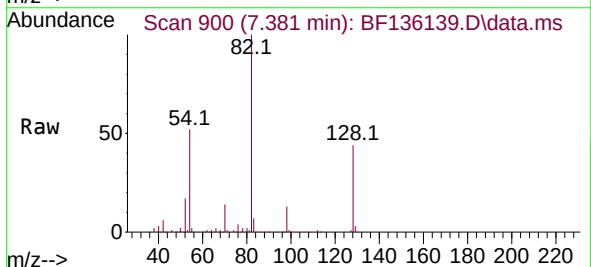
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	7.7	6.6	9.8
68	5.0	4.8	7.2

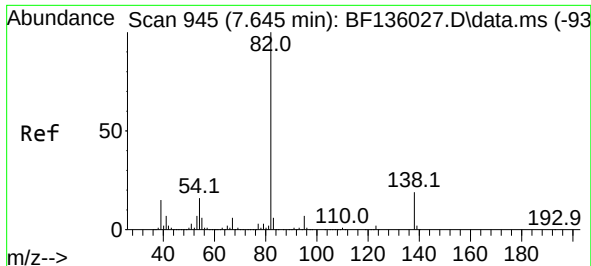


#23
Nitrobenzene-d5
Concen: 98.213 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF136139.D
Acq: 04 Nov 2023 10:03

Tgt Ion: 82 Resp: 693633

Ion	Ratio	Lower	Upper
82	100		
128	43.6	38.6	57.8
54	51.7	40.8	61.2

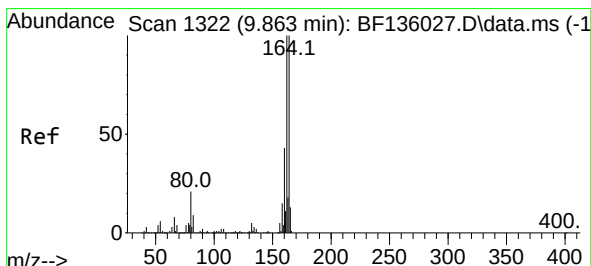
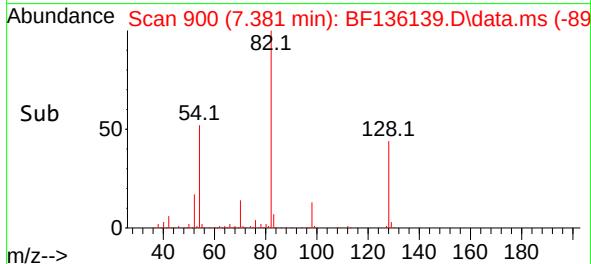
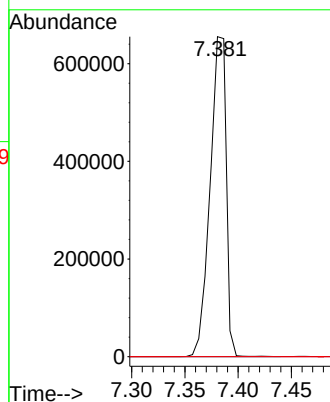
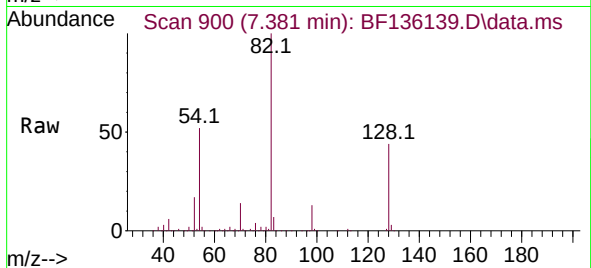




#25
Isophorone
Concen: 52.022 ng
RT: 7.381 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF136139.D
Acq: 04 Nov 2023 10:03

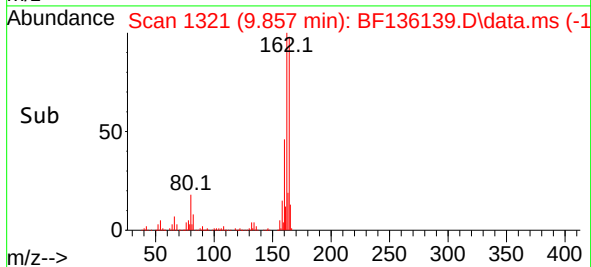
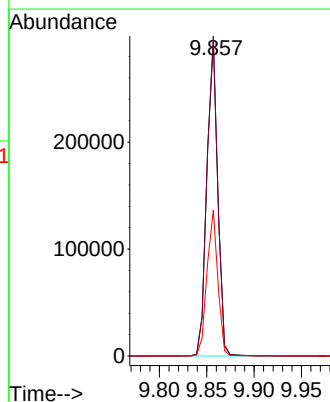
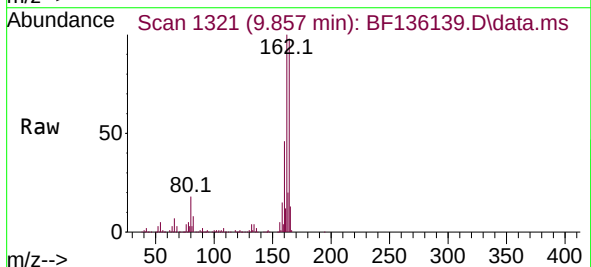
Instrument :
BNA_F
ClientSampleId :
PB156876BL

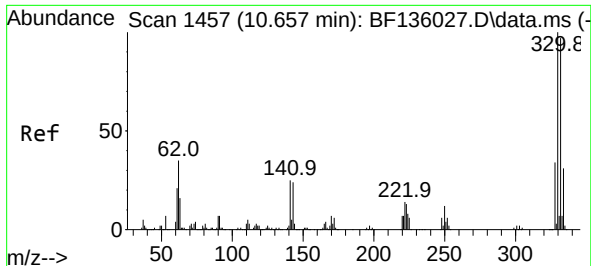
Tgt Ion: 82 Resp: 693626
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 15.3 22.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136139.D
Acq: 04 Nov 2023 10:03

Tgt Ion:164 Resp: 233790
Ion Ratio Lower Upper
164 100
162 101.8 80.1 120.1
160 46.4 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 138.615 ng

RT: 10.651 min Scan# 1457

Delta R.T. 0.000 min

Lab File: BF136139.D

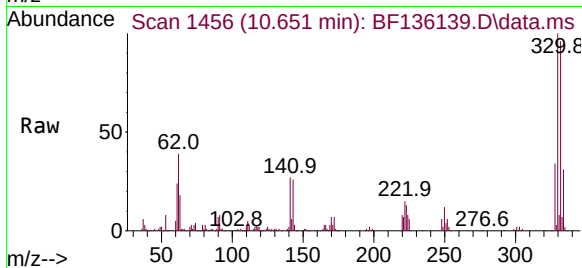
Acq: 04 Nov 2023 10:03

Instrument :

BNA_F

ClientSampleId :

PB156876BL



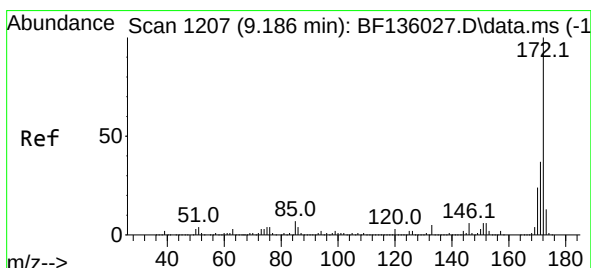
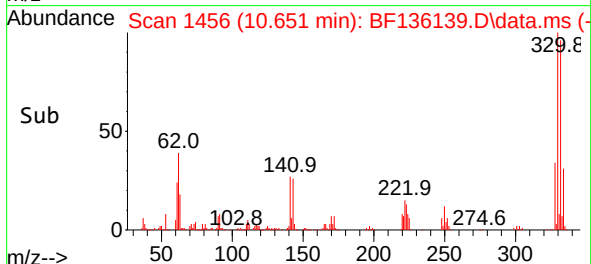
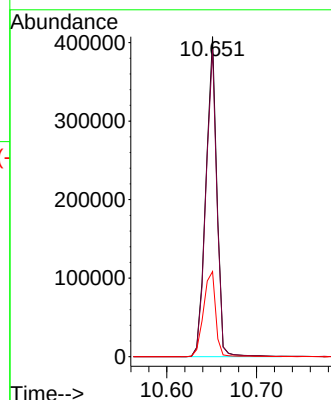
Tgt Ion:330 Resp: 345902

Ion Ratio Lower Upper

330 100

332 96.6 76.9 115.3

141 29.6 23.2 34.8



#45

2-Fluorobiphenyl

Concen: 90.438 ng

RT: 9.180 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF136139.D

Acq: 04 Nov 2023 10:03

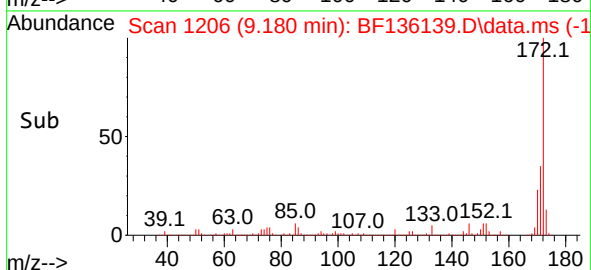
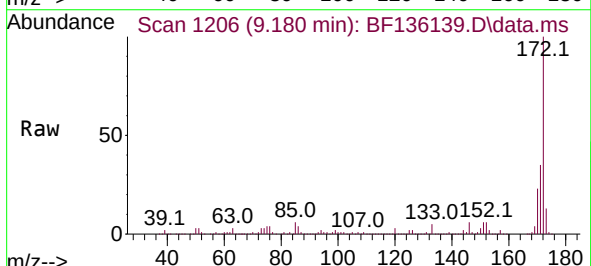
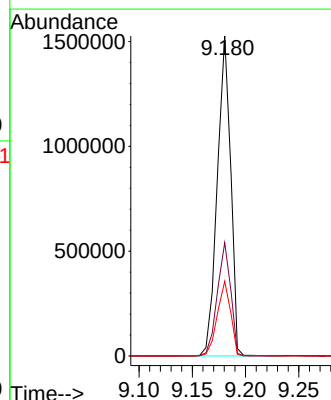
Tgt Ion:172 Resp: 1326358

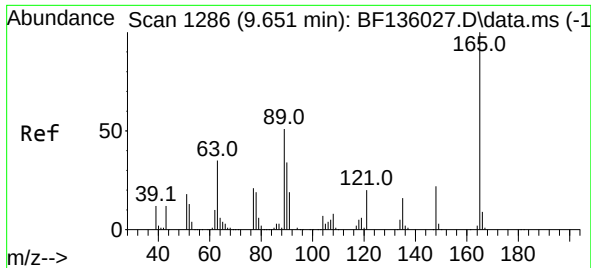
Ion Ratio Lower Upper

172 100

171 35.4 29.4 44.0

170 23.4 19.3 28.9

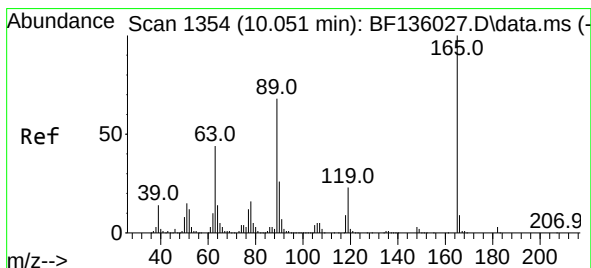
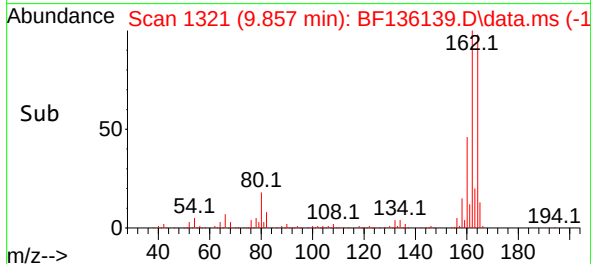
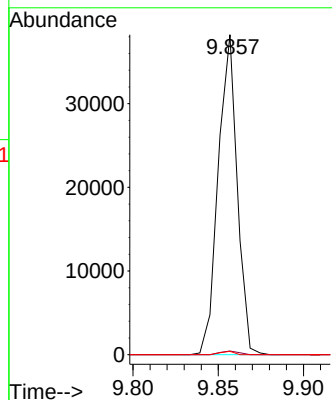
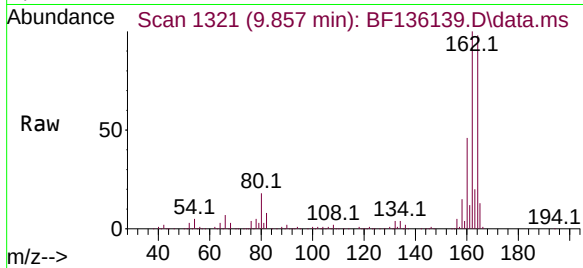




#51
2,6-Dinitrotoluene
Concen: 9.001 ng
RT: 9.857 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF136139.D
Acq: 04 Nov 2023 10:03

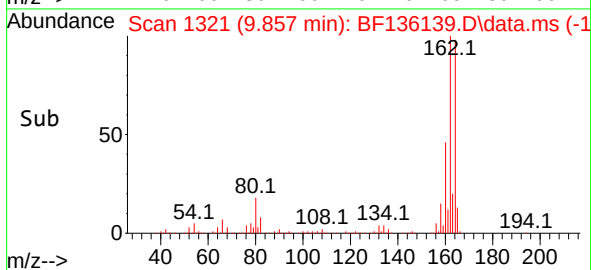
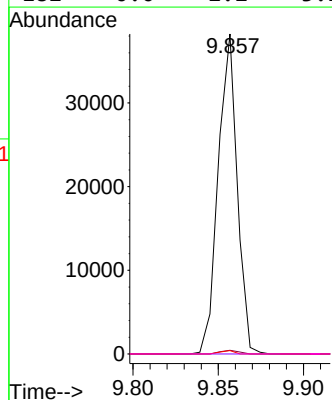
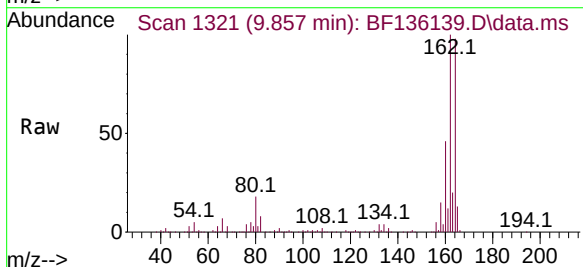
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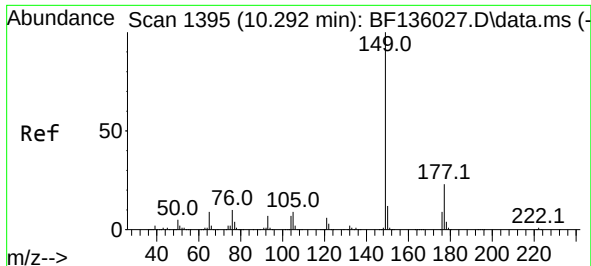
Tgt Ion:165 Resp: 29688
Ion Ratio Lower Upper
165 100
63 1.1 40.8 61.2#
89 1.0 41.1 61.7#



#57
2,4-Dinitrotoluene
Concen: 7.114 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF136139.D
Acq: 04 Nov 2023 10:03

Tgt Ion:165 Resp: 29688
Ion Ratio Lower Upper
165 100
63 1.1 35.2 52.8#
89 1.0 54.8 82.2#
182 0.0 2.2 3.2#

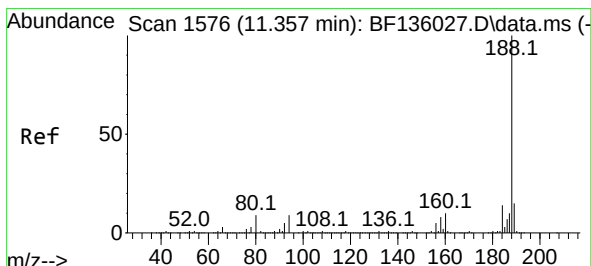
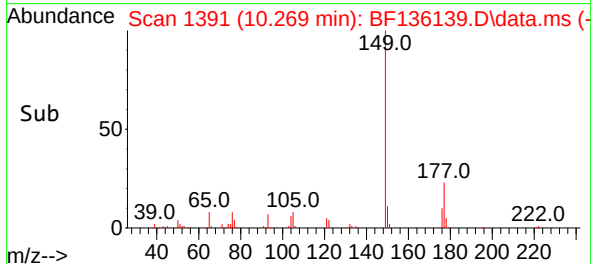
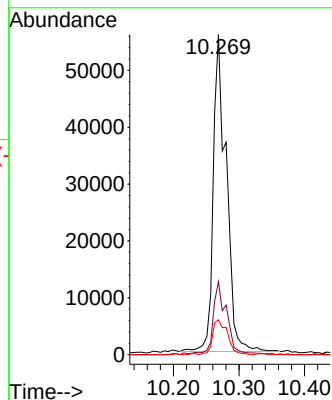
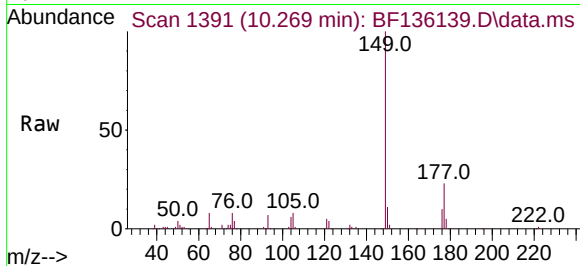




#60
Diethylphthalate
Concen: 5.223 ng
RT: 10.269 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF136139.D
Acq: 04 Nov 2023 10:03

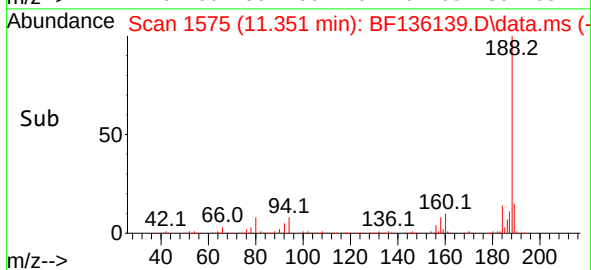
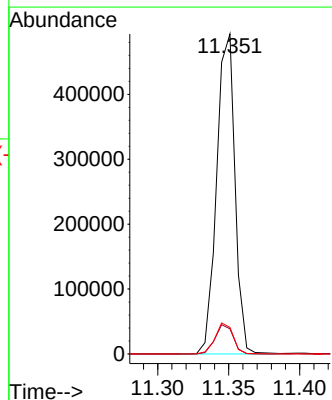
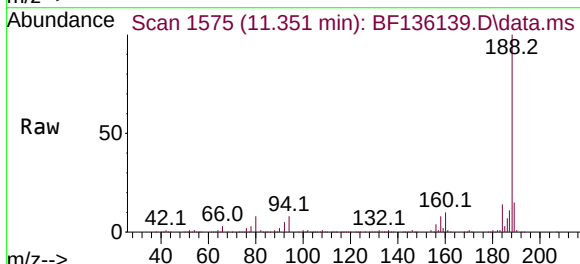
Instrument :
BNA_F
ClientSampleId :
PB156876BL

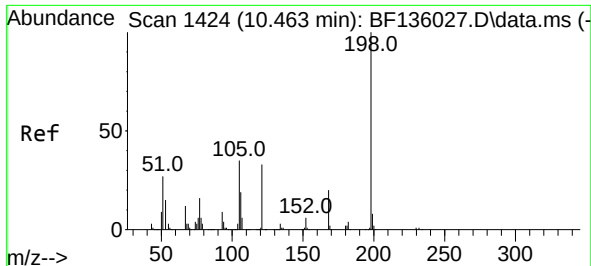
Tgt Ion:149 Resp: 76959
Ion Ratio Lower Upper
149 100
177 22.8 18.2 27.4
150 10.9 9.9 14.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF136139.D
Acq: 04 Nov 2023 10:03

Tgt Ion:188 Resp: 442296
Ion Ratio Lower Upper
188 100
94 7.9 7.2 10.8
80 8.3 7.4 11.0





#65

4,6-Dinitro-2-methylphenol

Concen: 6.044 ng

RT: 10.651 min Scan# 1456

Delta R.T. 0.194 min

Lab File: BF136139.D

Acq: 04 Nov 2023 10:03

Instrument :

BNA_F

ClientSampleId :

PB156876BL

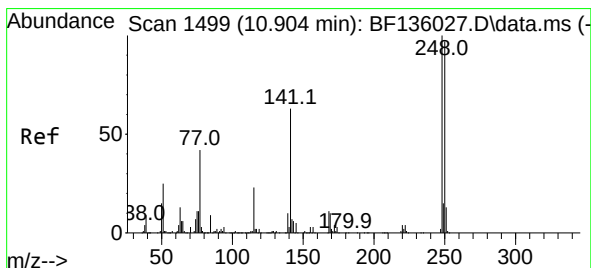
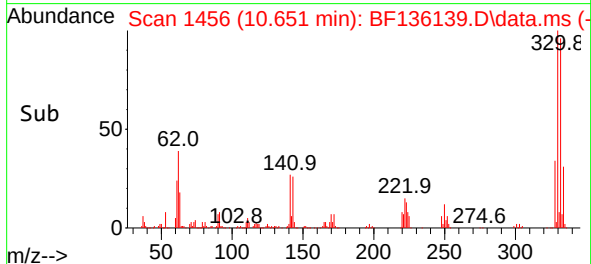
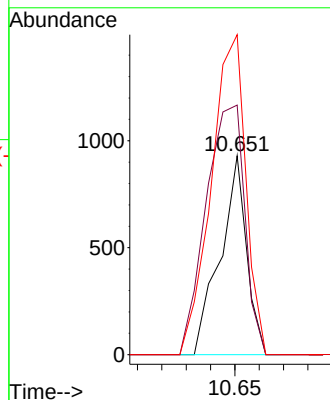
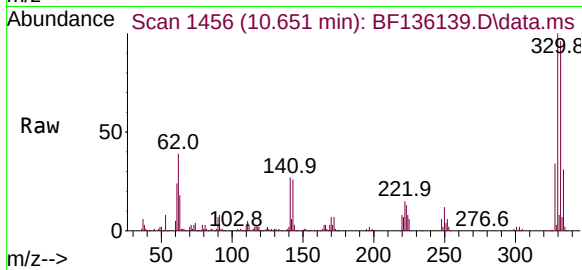
Tgt Ion:198 Resp: 701

Ion Ratio Lower Upper

198 100

51 125.5 12.9 52.9#

105 160.9 16.0 56.0#



#67

4-Bromophenyl-phenylether

Concen: 4.704 ng

RT: 10.651 min Scan# 1456

Delta R.T. -0.247 min

Lab File: BF136139.D

Acq: 04 Nov 2023 10:03

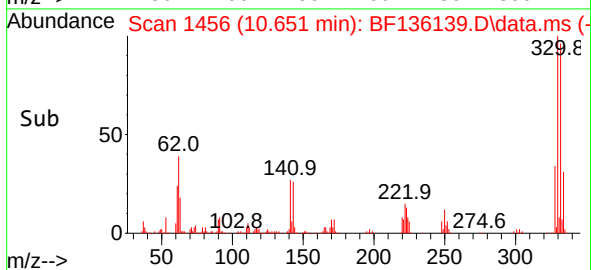
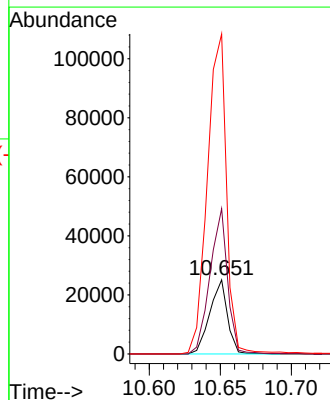
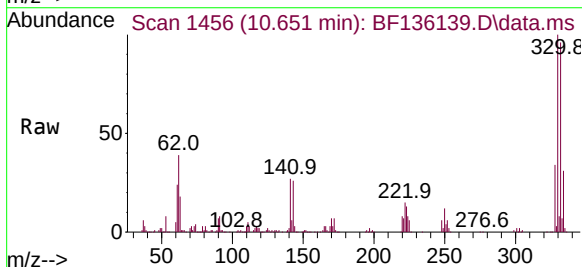
Tgt Ion:248 Resp: 21815

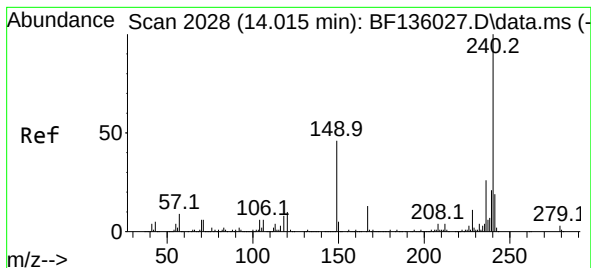
Ion Ratio Lower Upper

248 100

250 196.4 77.6 116.4#

141 432.4 50.4 75.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136139.D

Acq: 04 Nov 2023 10:03

Instrument :

BNA_F

ClientSampleId :

PB156876BL

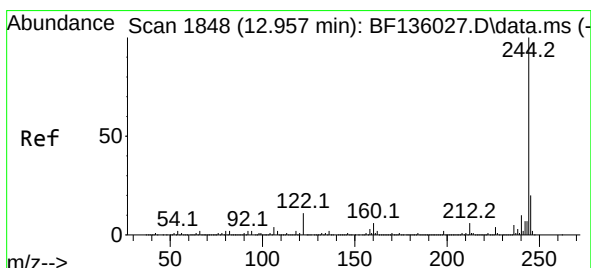
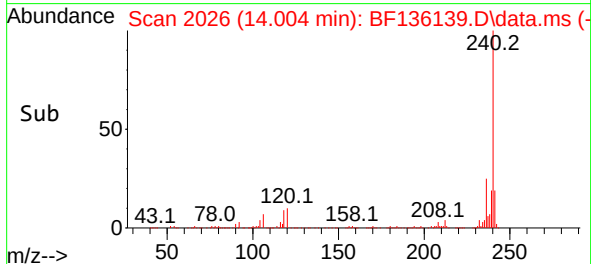
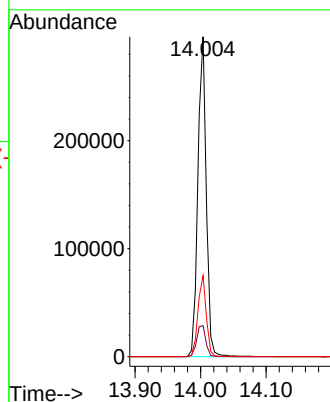
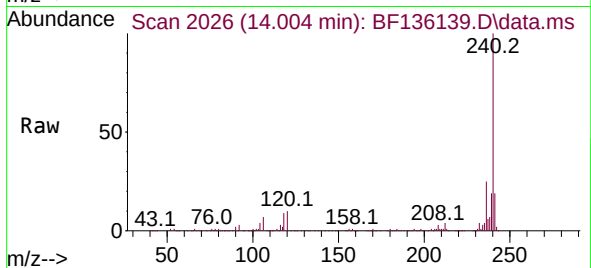
Tgt Ion:240 Resp: 263470

Ion Ratio Lower Upper

240 100

120 9.7 7.6 11.4

236 25.3 20.6 31.0



#79

Terphenyl-d14

Concen: 97.214 ng

RT: 12.951 min Scan# 1847

Delta R.T. 0.000 min

Lab File: BF136139.D

Acq: 04 Nov 2023 10:03

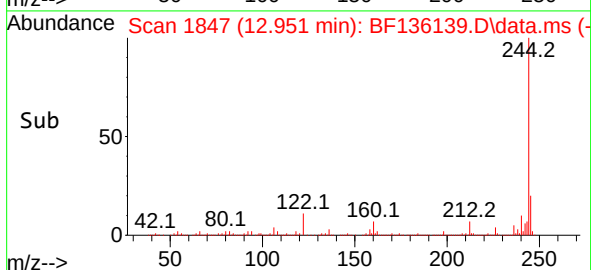
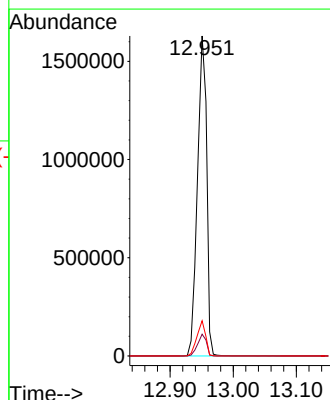
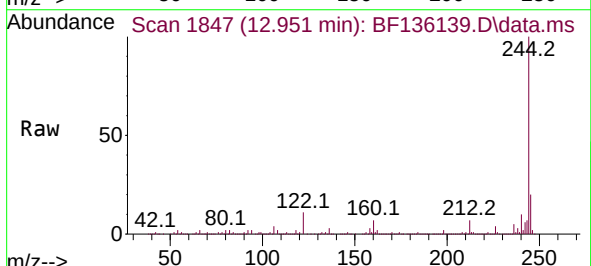
Tgt Ion:244 Resp: 1648160

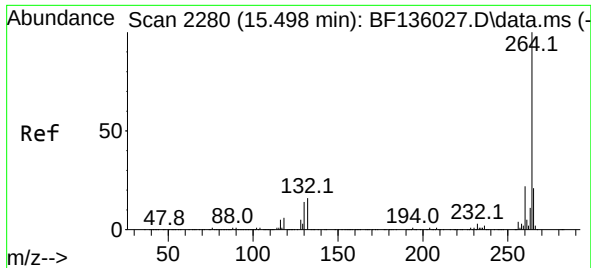
Ion Ratio Lower Upper

244 100

212 6.8 5.1 7.7

122 11.0 8.6 12.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF136139.D
 Acq: 04 Nov 2023 10:03

Instrument :
 BNA_F
 ClientSampleId :
 PB156876BL

Tgt Ion:264 Resp: 227644
 Ion Ratio Lower Upper
 264 100
 260 22.6 17.9 26.9
 265 21.3 16.8 25.2

