

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
 Data File : BF136583.D
 Acq On : 14 Dec 2023 22:59
 Operator : CG\JU
 Sample : 05790-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 15 00:40:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 00:33:23 2023
 Response via : Initial Calibration

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

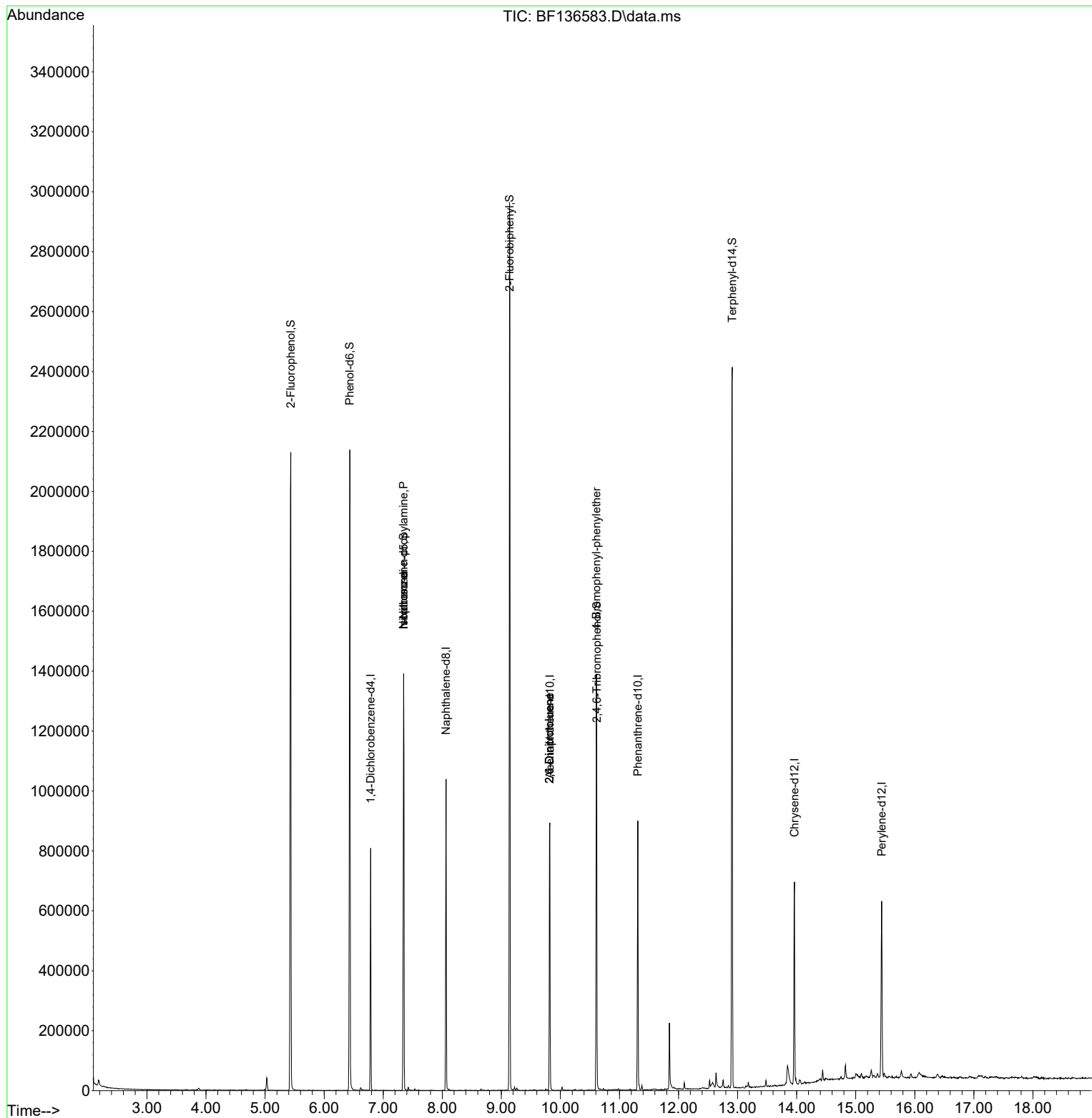
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	108805	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	416200	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	189686	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	303637	20.000	ng	0.00
76) Chrysene-d12	13.963	240	227804	20.000	ng	0.00
86) Perylene-d12	15.439	264	264372	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	636152	86.346	ng	0.01
7) Phenol-d6	6.434	99	746291	81.189	ng	0.00
23) Nitrobenzene-d5	7.345	82	468649	60.873	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	183752	78.565	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	944451	67.939	ng	0.00
79) Terphenyl-d14	12.910	244	924848	53.511	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.434	77	1129	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.345	70	60611	11.431	ng	# 76
25) Isophorone	7.345	82	468644	33.882	ng	# 65
51) 2,6-Dinitrotoluene	9.816	165	23509	7.483	ng	# 29
57) 2,4-Dinitrotoluene	9.816	165	23509	5.656	ng	# 28
67) 4-Bromophenyl-phenylether	10.610	248	11210	3.175	ng	# 1

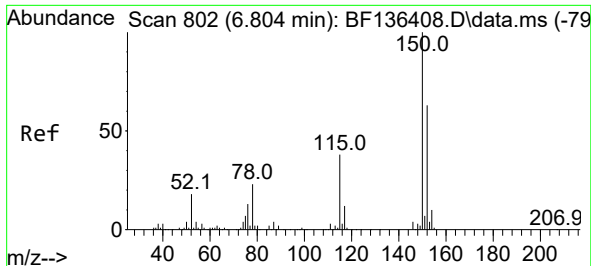
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
Data File : BF136583.D
Acq On : 14 Dec 2023 22:59
Operator : CG\JU
Sample : 05790-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

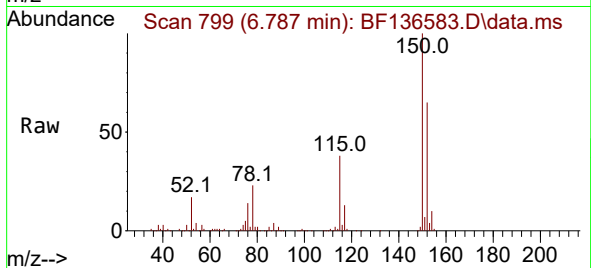
Quant Time: Dec 15 00:40:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 15 00:33:23 2023
Response via : Initial Calibration



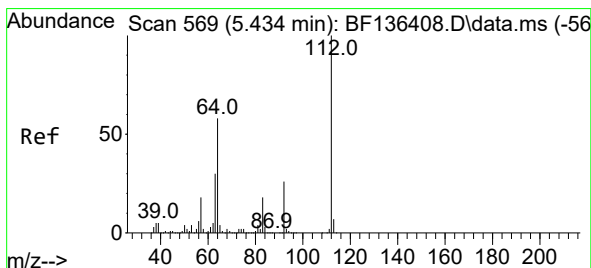
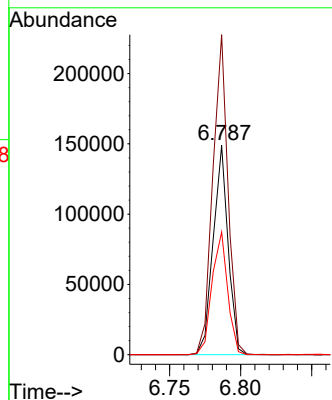
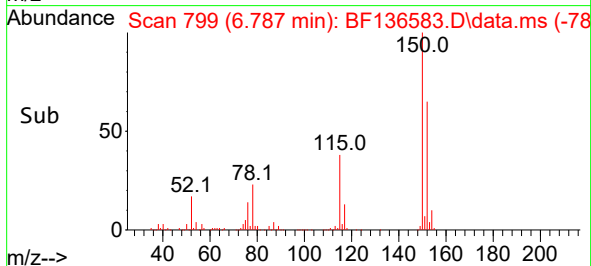


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 799
Delta R.T. -0.000 min
Lab File: BF136583.D
Acq: 14 Dec 2023 22:59

Instrument :
BNA_F
ClientSampleId :

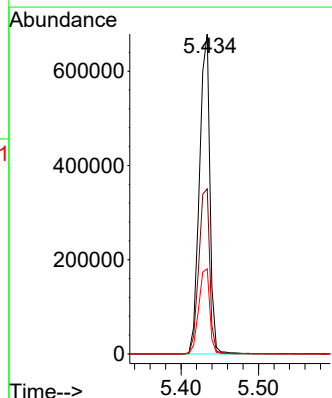
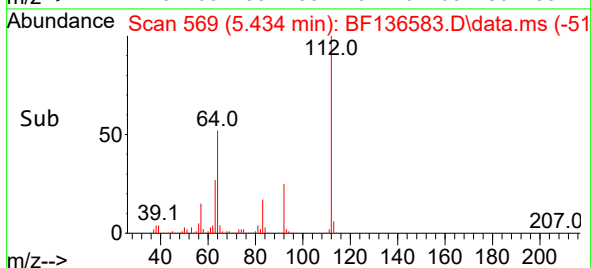
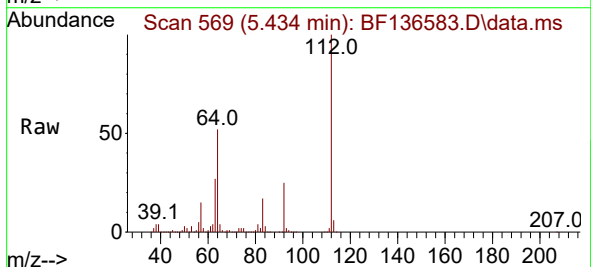


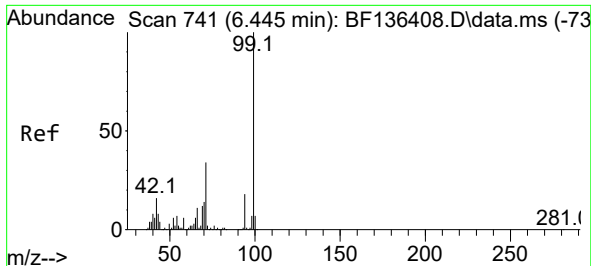
Tgt Ion:152 Resp: 108805
Ion Ratio Lower Upper
152 100
150 152.9 126.4 189.6
115 58.6 48.2 72.4



#5
2-Fluorophenol
Concen: 86.346 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.012 min
Lab File: BF136583.D
Acq: 14 Dec 2023 22:59

Tgt Ion:112 Resp: 636152
Ion Ratio Lower Upper
112 100
64 51.6 46.5 69.7
63 26.6 23.9 35.9

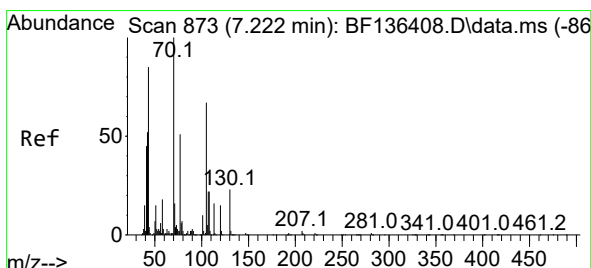
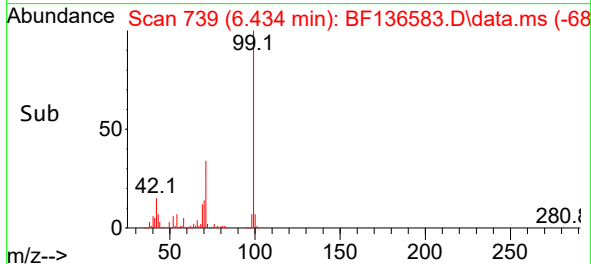
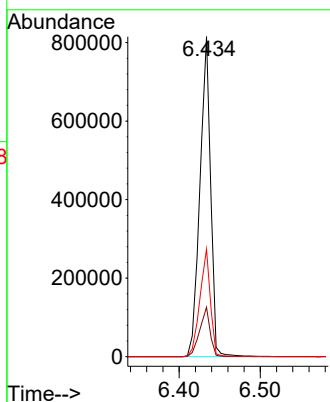
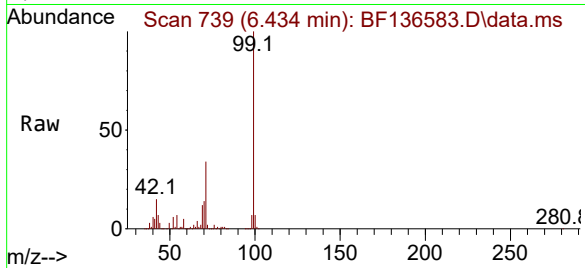




#7
Phenol-d6
Concen: 81.189 ng
RT: 6.434 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF136583.D
Acq: 14 Dec 2023 22:59

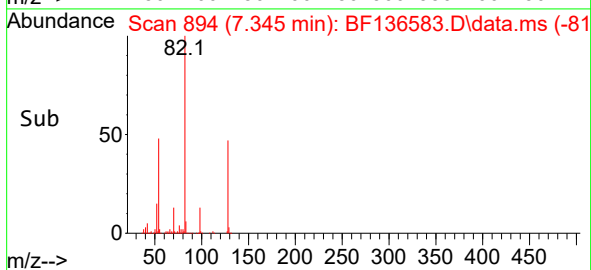
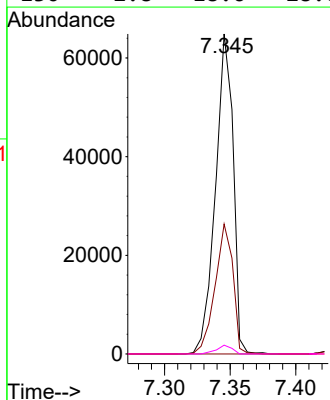
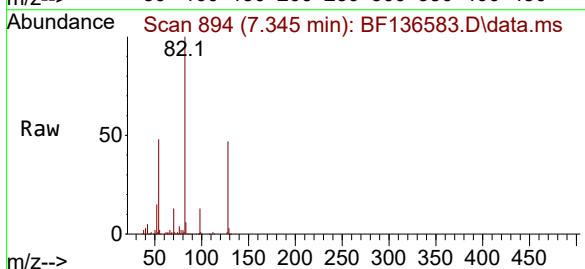
Instrument :
BNA_F
ClientSampleId :

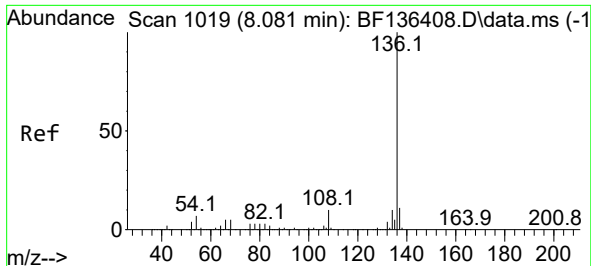
Tgt Ion: 99 Resp: 746291
Ion Ratio Lower Upper
99 100
42 15.5 12.8 19.2
71 33.6 27.0 40.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.431 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.141 min
Lab File: BF136583.D
Acq: 14 Dec 2023 22:59

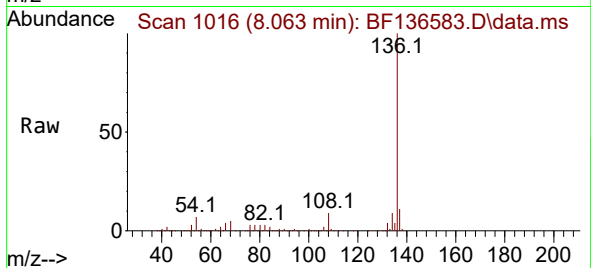
Tgt Ion: 70 Resp: 60611
Ion Ratio Lower Upper
70 100
42 40.6 41.4 62.0#
101 0.0 8.2 12.4#
130 2.8 18.6 28.0#



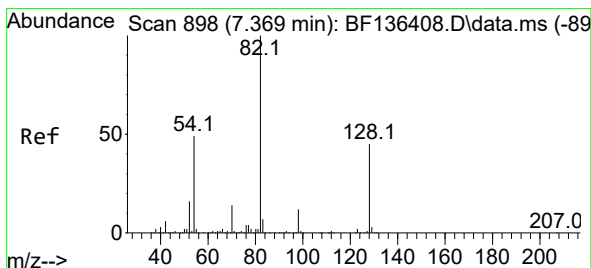
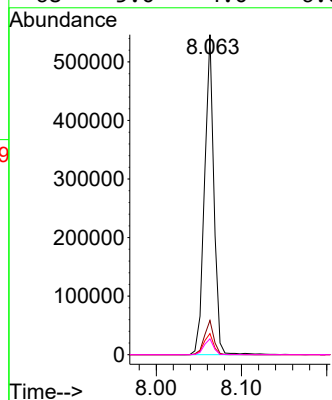
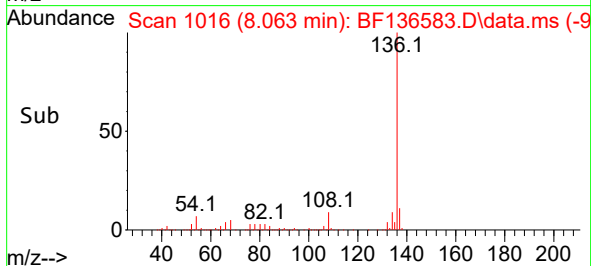


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF136583.D
Acq: 14 Dec 2023 22:59

Instrument :
BNA_F
ClientSampleId :

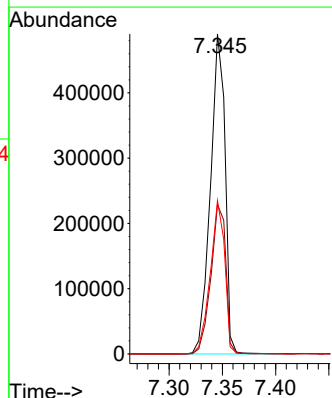
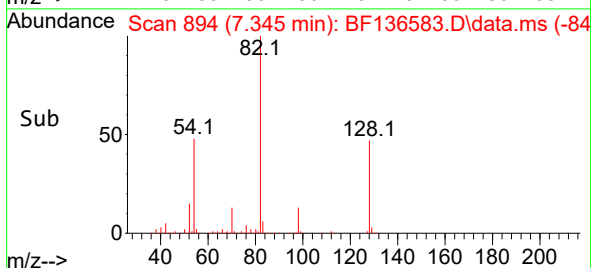
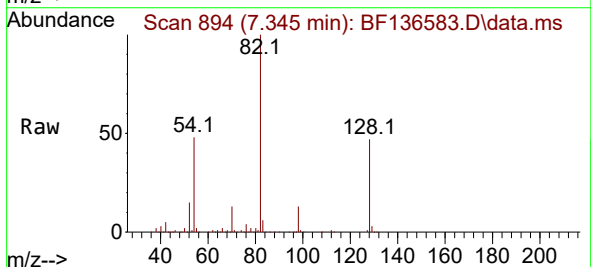


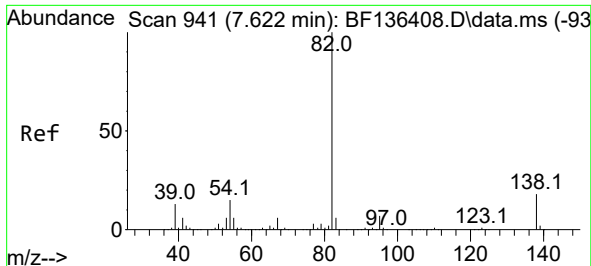
Tgt Ion:136 Resp: 416200
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 6.6 5.7 8.5
68 5.0 4.0 6.0



#23
Nitrobenzene-d5
Concen: 60.873 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136583.D
Acq: 14 Dec 2023 22:59

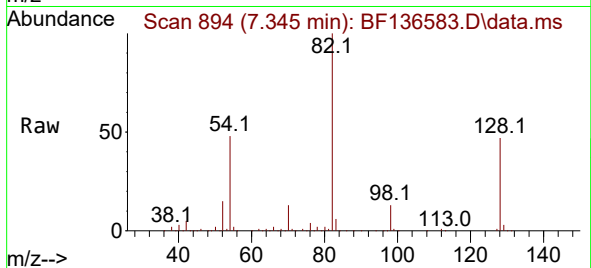
Tgt Ion: 82 Resp: 468649
Ion Ratio Lower Upper
82 100
128 46.7 36.3 54.5
54 47.9 39.0 58.6



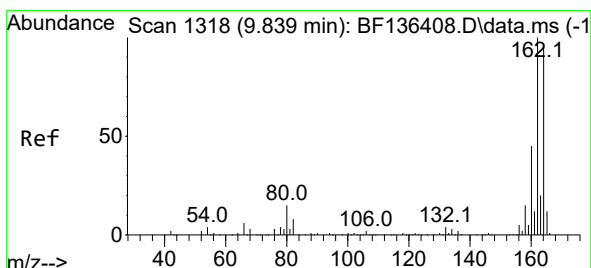
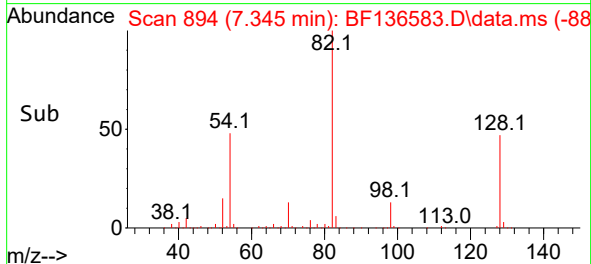
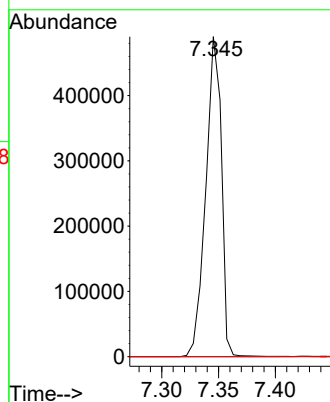


#25
Isophorone
Concen: 33.882 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.265 min
Lab File: BF136583.D
Acq: 14 Dec 2023 22:59

Instrument :
BNA_F
ClientSampleId :

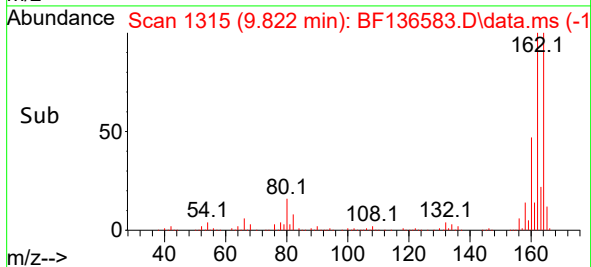
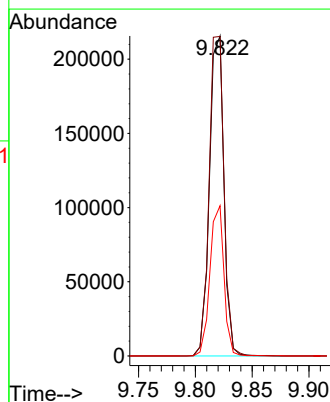
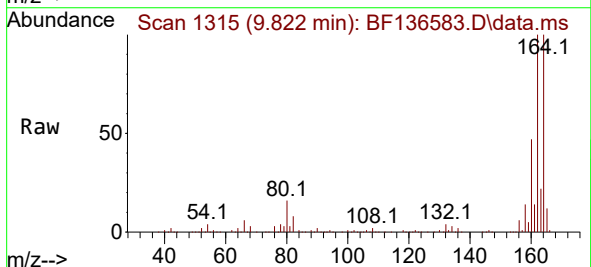


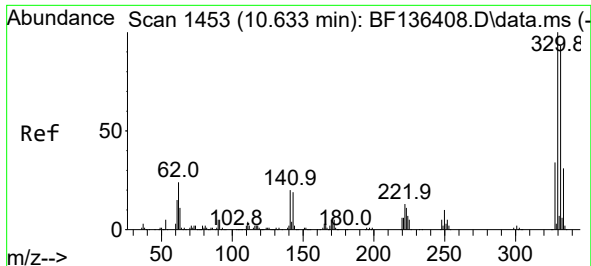
Tgt Ion: 82 Resp: 468644
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF136583.D
Acq: 14 Dec 2023 22:59

Tgt Ion: 164 Resp: 189686
Ion Ratio Lower Upper
164 100
162 99.9 84.4 126.6
160 47.0 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 78.565 ng

RT: 10.616 min Scan# 1199

Delta R.T. -0.006 min

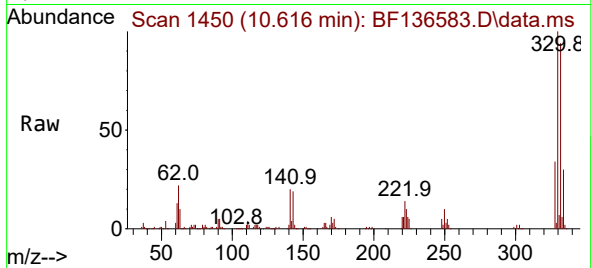
Lab File: BF136583.D

Acq: 14 Dec 2023 22:59

Instrument :

BNA_F

ClientSampleId :



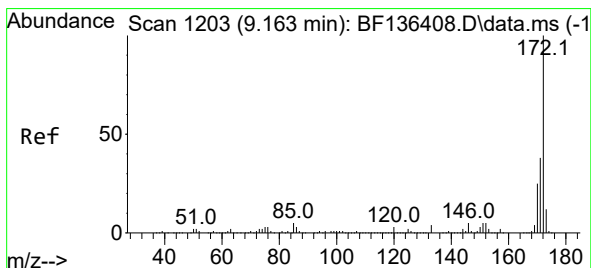
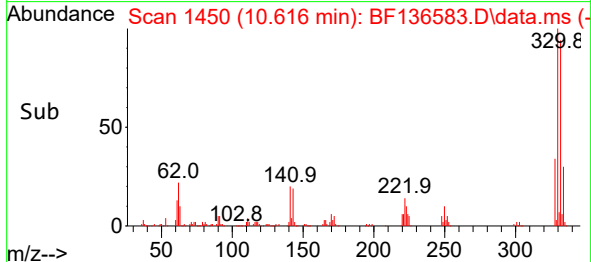
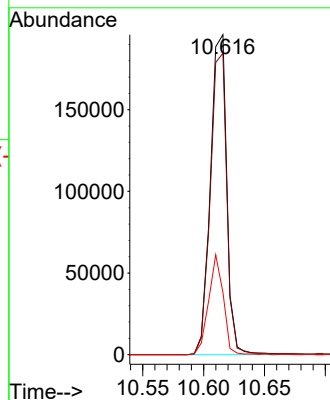
Tgt Ion:330 Resp: 183752

Ion Ratio Lower Upper

330 100

332 95.4 76.4 114.6

141 28.1 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 67.939 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF136583.D

Acq: 14 Dec 2023 22:59

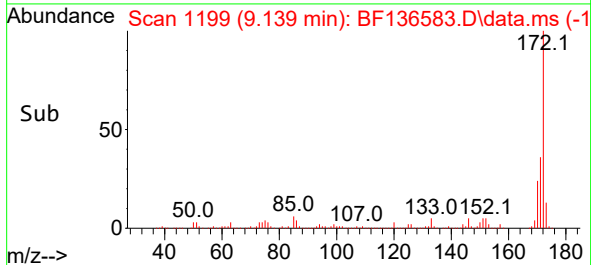
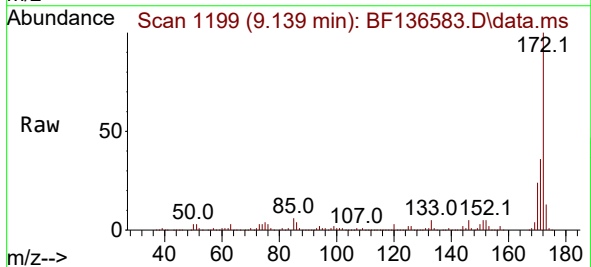
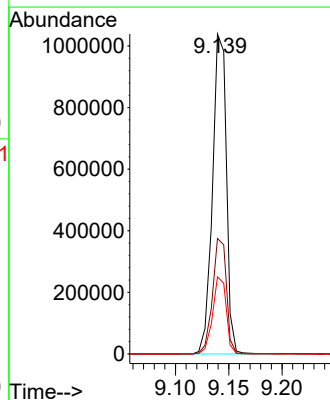
Tgt Ion:172 Resp: 944451

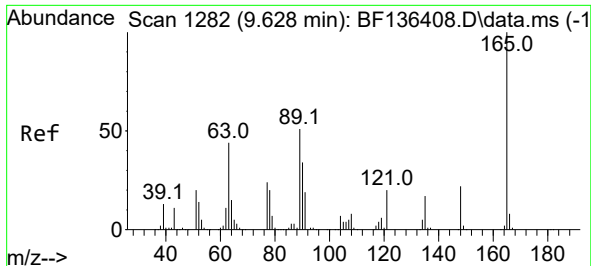
Ion Ratio Lower Upper

172 100

171 36.1 30.5 45.7

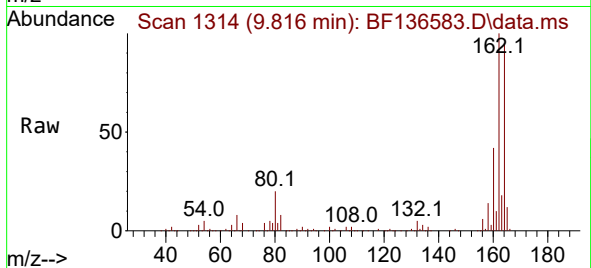
170 24.1 19.9 29.9



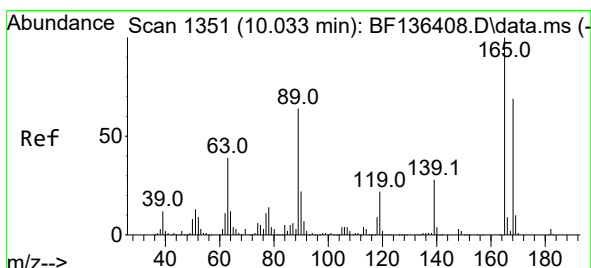
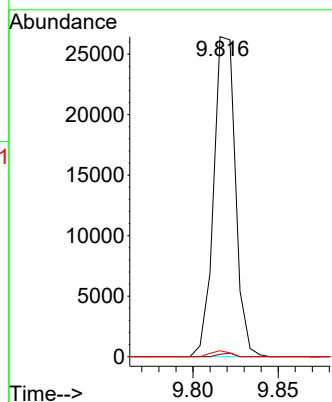
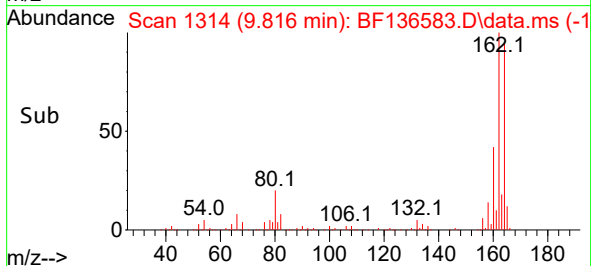


#51
2,6-Dinitrotoluene
Concen: 7.483 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF136583.D
Acq: 14 Dec 2023 22:59

Instrument :
BNA_F
ClientSampleId :

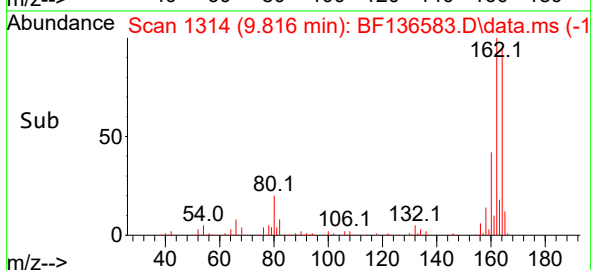
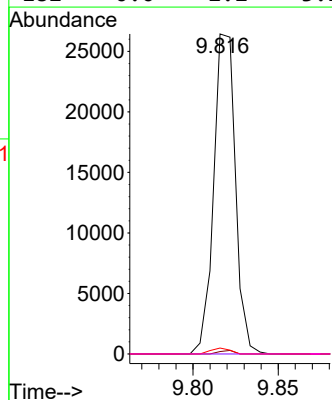
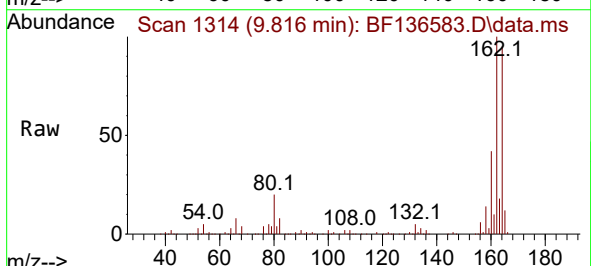


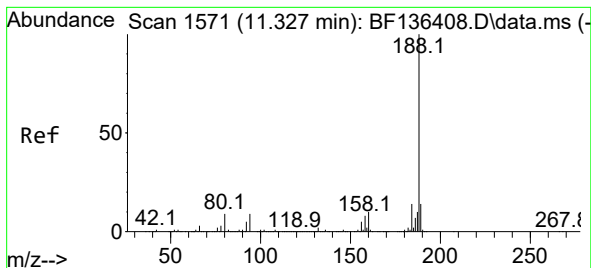
Tgt Ion:165 Resp: 23509
Ion Ratio Lower Upper
165 100
63 0.8 40.4 60.6#
89 1.8 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.656 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.206 min
Lab File: BF136583.D
Acq: 14 Dec 2023 22:59

Tgt Ion:165 Resp: 23509
Ion Ratio Lower Upper
165 100
63 0.8 31.4 47.2#
89 1.8 51.7 77.5#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136583.D

Acq: 14 Dec 2023 22:59

Instrument :

BNA_F

ClientSampleId :

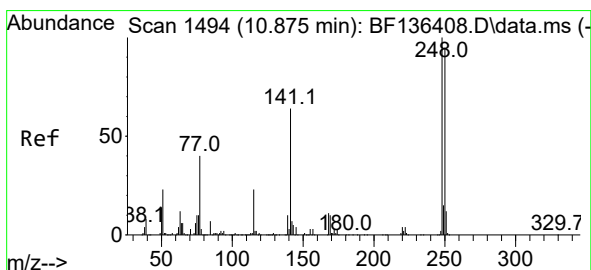
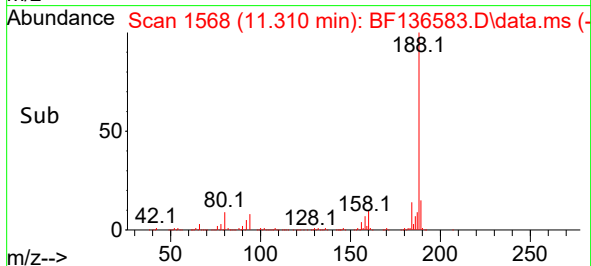
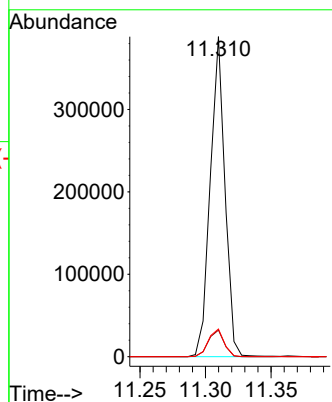
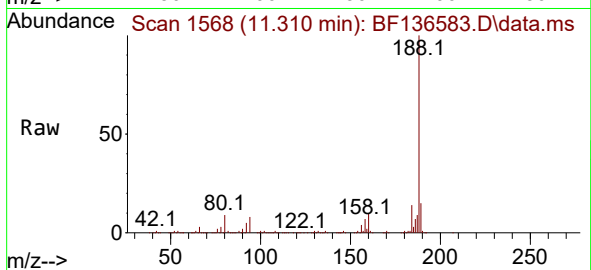
Tgt Ion:188 Resp: 303637

Ion Ratio Lower Upper

188 100

94 8.3 7.2 10.8

80 8.6 7.2 10.8



#67

4-Bromophenyl-phenylether

Concen: 3.175 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.253 min

Lab File: BF136583.D

Acq: 14 Dec 2023 22:59

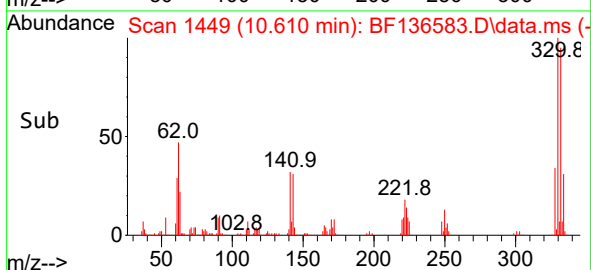
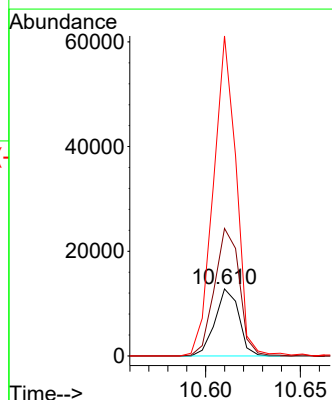
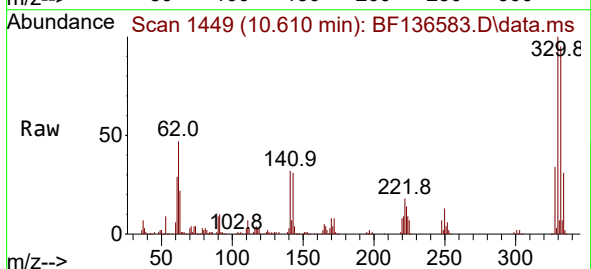
Tgt Ion:248 Resp: 11210

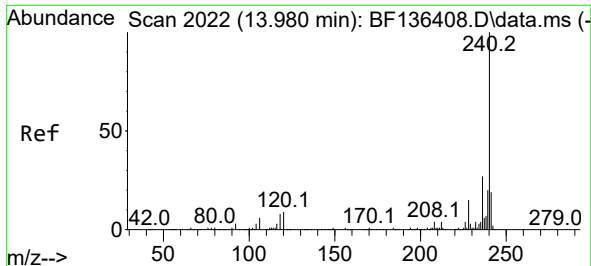
Ion Ratio Lower Upper

248 100

250 190.2 76.2 114.2#

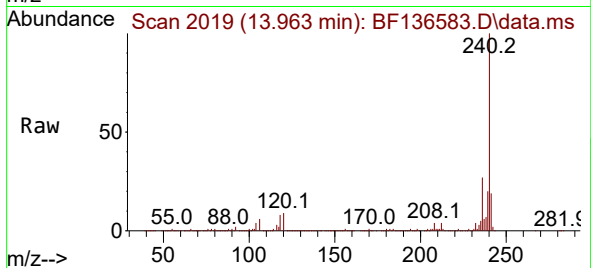
141 477.2 51.0 76.4#



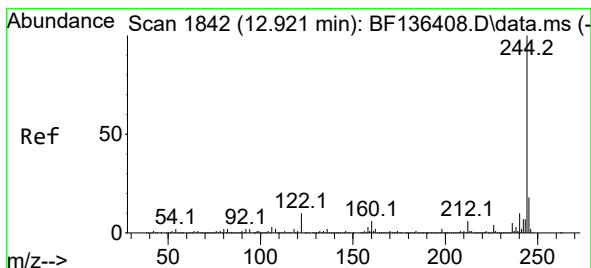
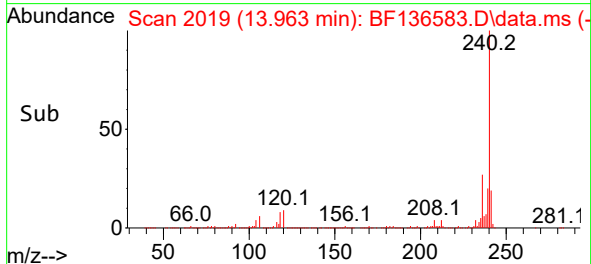
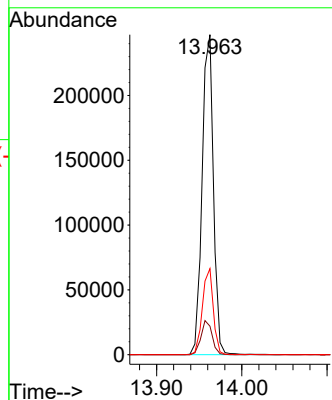


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF136583.D
Acq: 14 Dec 2023 22:59

Instrument :
BNA_F
ClientSampleId :

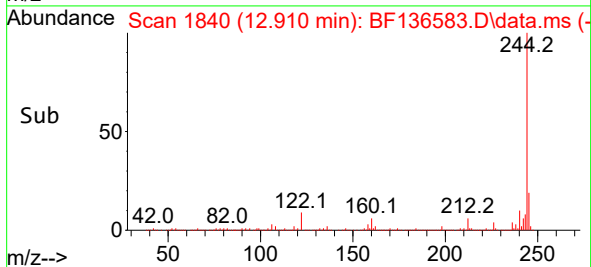
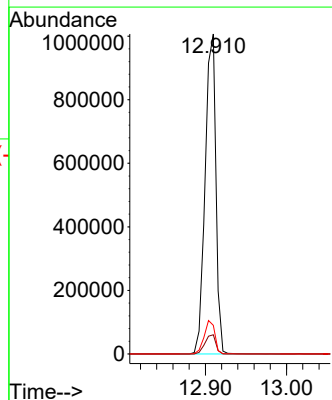
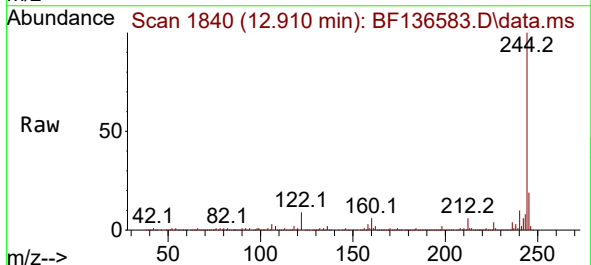


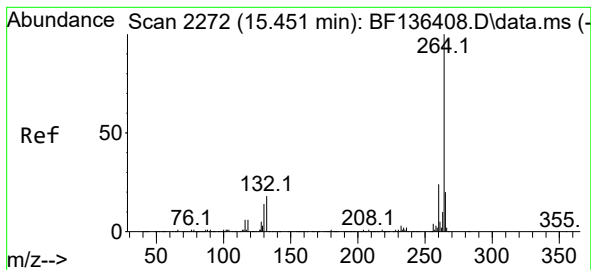
Tgt Ion:240 Resp: 227804
Ion Ratio Lower Upper
240 100
120 8.9 7.3 10.9
236 26.9 21.3 31.9



#79
Terphenyl-d14
Concen: 53.511 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.000 min
Lab File: BF136583.D
Acq: 14 Dec 2023 22:59

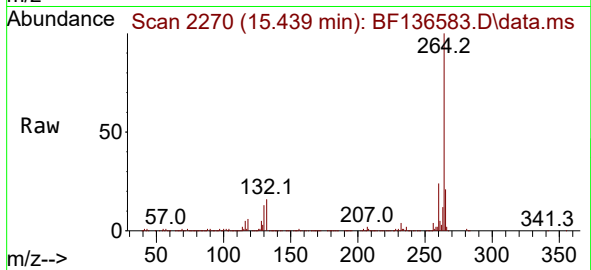
Tgt Ion:244 Resp: 924848
Ion Ratio Lower Upper
244 100
212 6.0 5.0 7.4
122 9.0 8.3 12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136583.D
Acq: 14 Dec 2023 22:59

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 264372

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	20.6	15.9	23.9

