

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
 Data File : BF136788.D
 Acq On : 28 Dec 2023 11:38
 Operator : CG\JU
 Sample : PB157982TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157982TB

Quant Time: Dec 28 12:02:26 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)

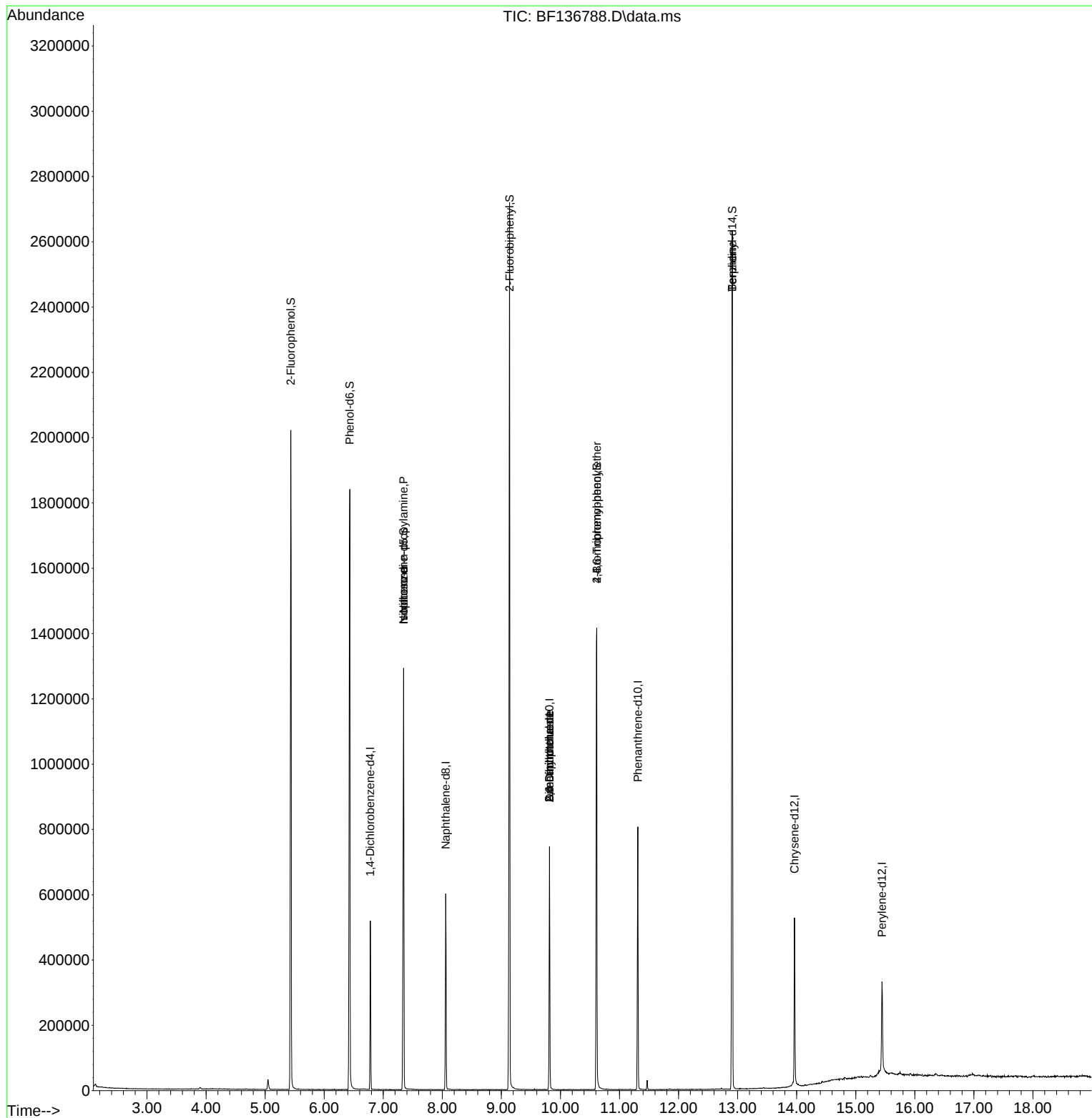
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	70689	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	270441	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	142854	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	286992	20.000	ng	0.00
76) Chrysene-d12	13.962	240	171287	20.000	ng	0.00
86) Perylene-d12	15.445	264	142610	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	566994	125.150	ng	0.00
7) Phenol-d6	6.434	99	706232	120.303	ng	0.00
23) Nitrobenzene-d5	7.345	82	439529	83.165	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	200971	119.453	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	891546	83.940	ng	-0.01
79) Terphenyl-d14	12.910	244	986926	80.520	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.345	70	58324	16.389	ng	# 75
25) Isophorone	7.345	82	435859	45.323	ng	# 65
50) Dimethylphthalate	9.816	163	27947	2.678	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	18229	7.698	ng	# 30
57) 2,4-Dinitrotoluene	9.816	165	18229	5.930	ng	# 21
67) 4-Bromophenyl-phenylether	10.616	248	12006	3.767	ng	# 1
77) Benzidine	12.910	184	11071	2.192	ng	# 94

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

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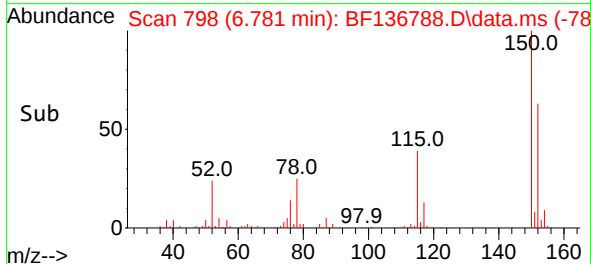
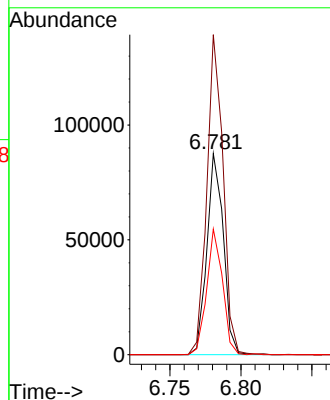
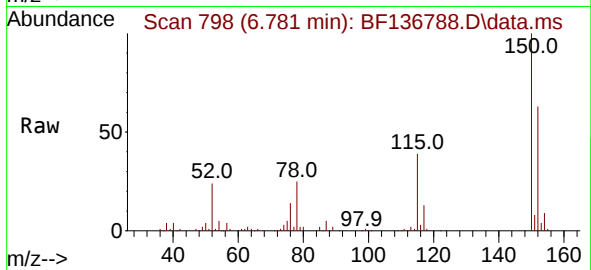




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136788.D
Acq: 28 Dec 2023 11:38

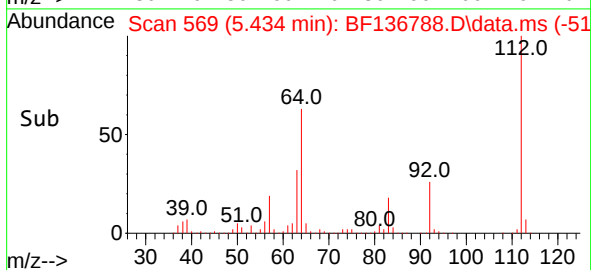
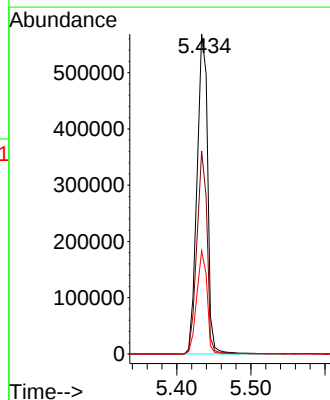
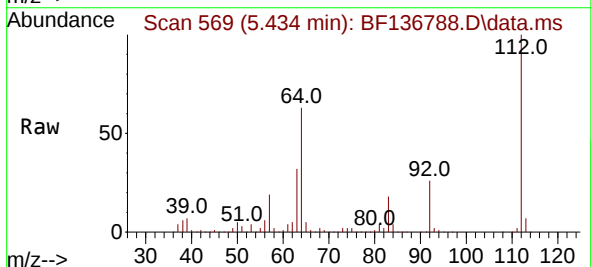
Instrument :
BNA_F
ClientSampleId :
PB157982TB

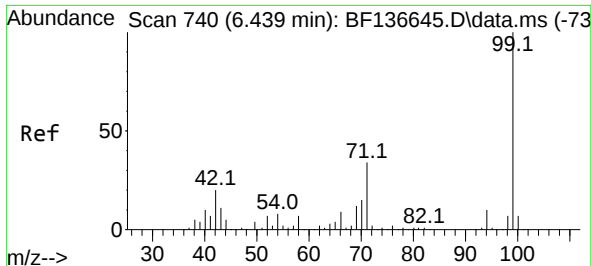
Tgt Ion:152 Resp: 70689
Ion Ratio Lower Upper
152 100
150 159.1 127.0 190.6
115 62.5 49.0 73.4



#5
2-Fluorophenol
Concen: 125.150 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF136788.D
Acq: 28 Dec 2023 11:38

Tgt Ion:112 Resp: 566994
Ion Ratio Lower Upper
112 100
64 63.4 51.1 76.7
63 32.3 26.1 39.1

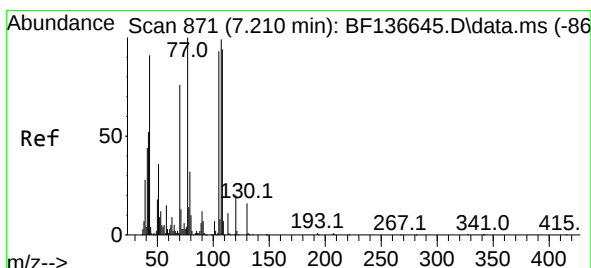
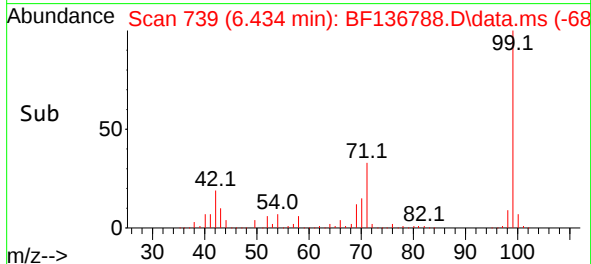
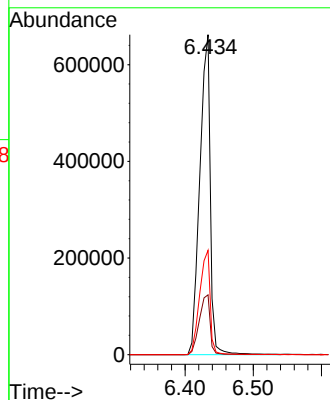
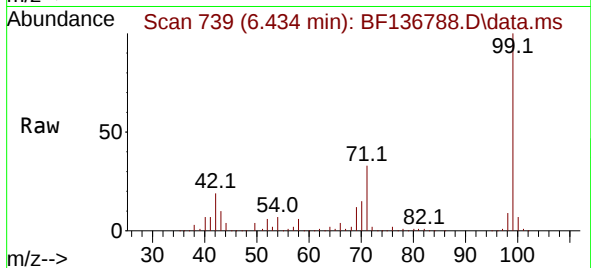




#7
Phenol-d6
Concen: 120.303 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136788.D
Acq: 28 Dec 2023 11:38

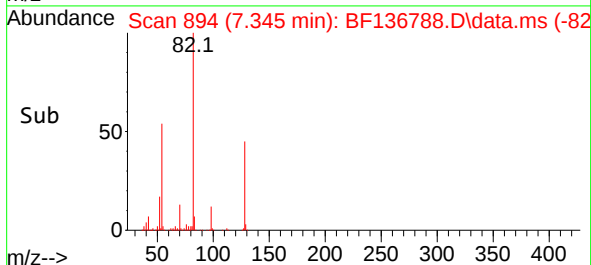
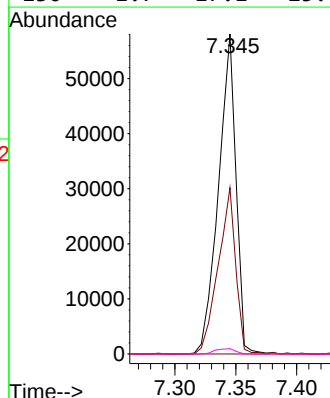
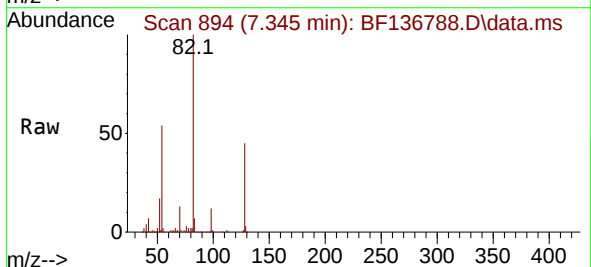
Instrument :
BNA_F
ClientSampleId :
PB157982TB

Tgt Ion: 99 Resp: 706232
Ion Ratio Lower Upper
99 100
42 18.7 16.1 24.1
71 32.6 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 16.389 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136788.D
Acq: 28 Dec 2023 11:38

Tgt Ion: 70 Resp: 58324
Ion Ratio Lower Upper
70 100
42 51.9 54.2 81.4#
101 0.0 7.6 11.4#
130 1.7 17.1 25.7#



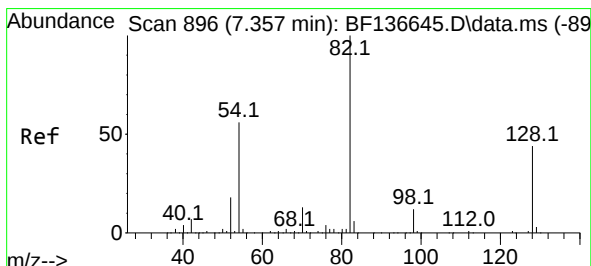
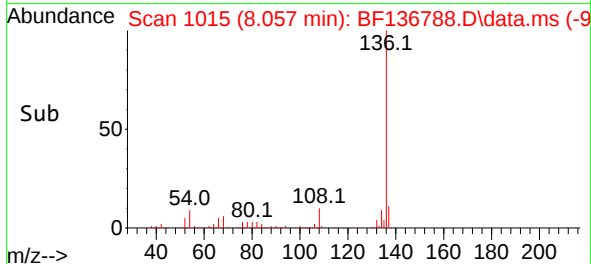
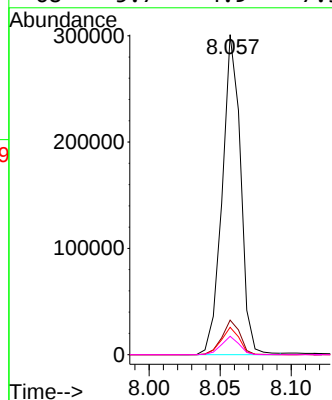
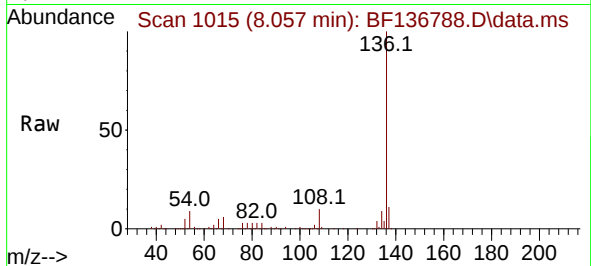


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136788.D
Acq: 28 Dec 2023 11:38

Instrument :
BNA_F
ClientSampleId :
PB157982TB

Tgt Ion:136 Resp: 270441

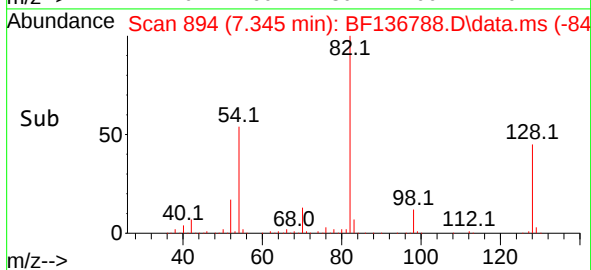
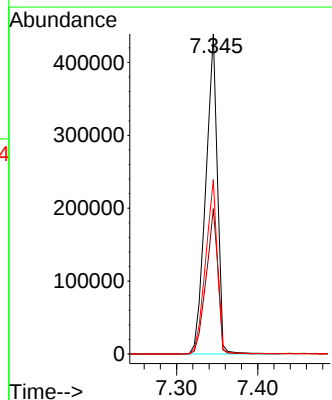
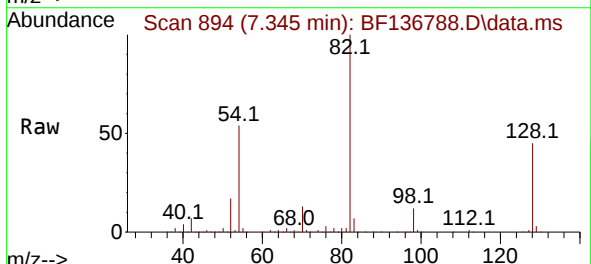
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	8.6	7.2	10.8
68	5.7	4.9	7.3



#23
Nitrobenzene-d5
Concen: 83.165 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136788.D
Acq: 28 Dec 2023 11:38

Tgt Ion: 82 Resp: 439529

Ion	Ratio	Lower	Upper
82	100		
128	45.4	35.3	52.9
54	54.5	44.5	66.7

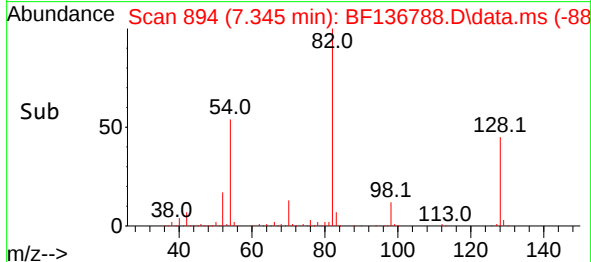
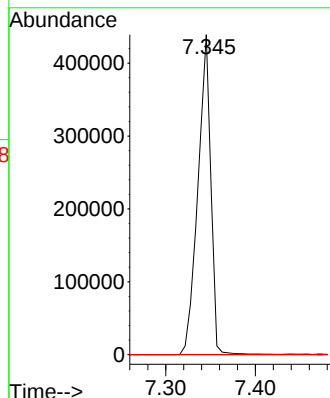
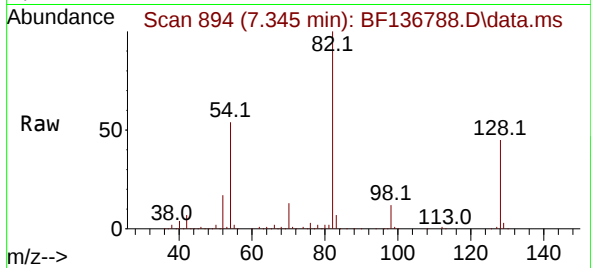




#25
Isophorone
Concen: 45.323 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.271 min
Lab File: BF136788.D
Acq: 28 Dec 2023 11:38

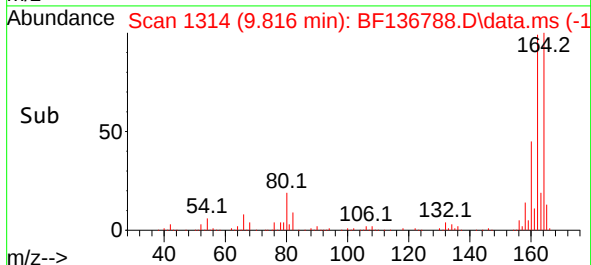
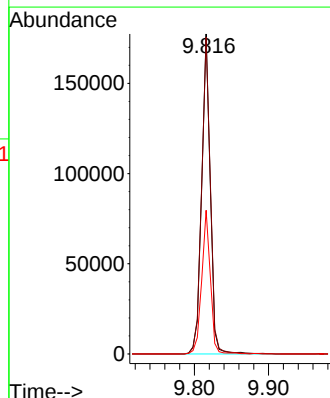
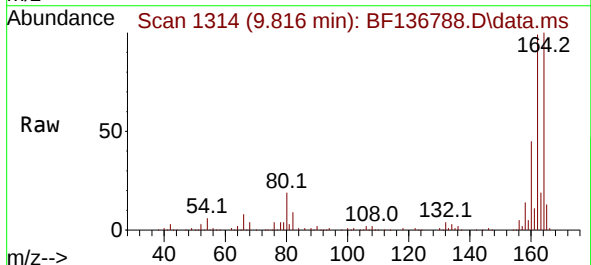
Instrument :
BNA_F
ClientSampleId :
PB157982TB

Tgt Ion: 82 Resp: 435859
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: BF136788.D
Acq: 28 Dec 2023 11:38

Tgt Ion:164 Resp: 142854
Ion Ratio Lower Upper
164 100
162 99.0 81.6 122.4
160 44.9 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 119.453 ng

RT: 10.616 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF136788.D

Acq: 28 Dec 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB157982TB

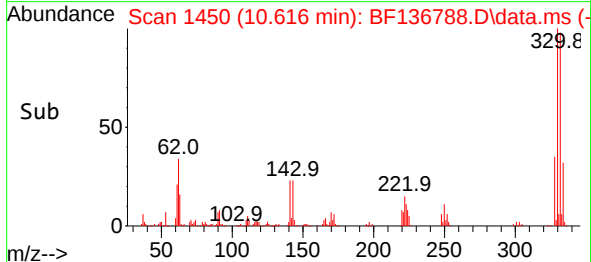
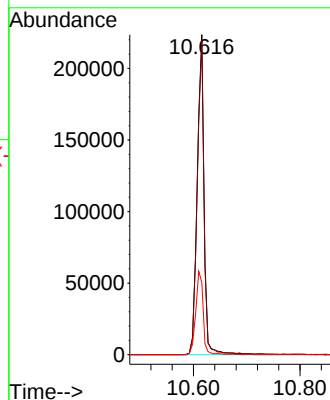
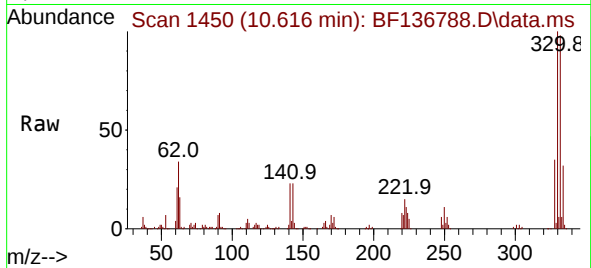
Tgt Ion:330 Resp: 200971

Ion Ratio Lower Upper

330 100

332 96.4 77.4 116.0

141 28.0 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 83.940 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136788.D

Acq: 28 Dec 2023 11:38

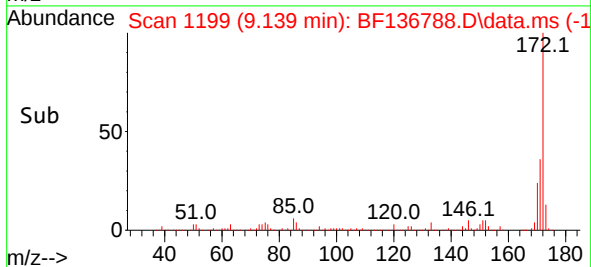
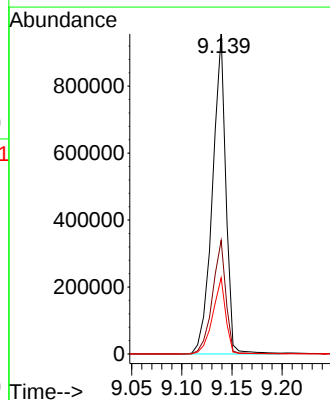
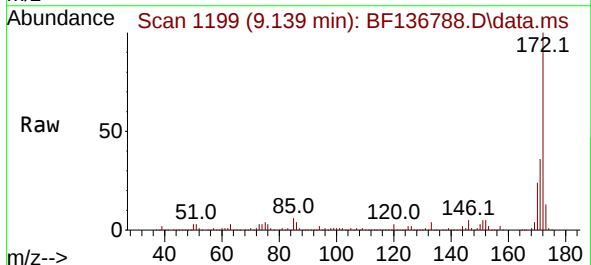
Tgt Ion:172 Resp: 891546

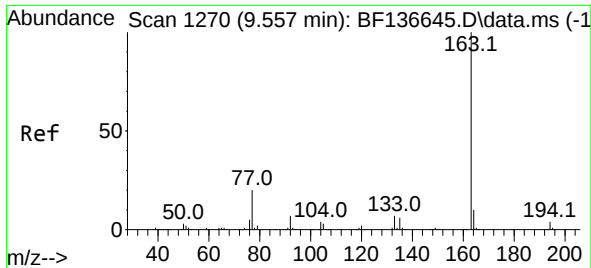
Ion Ratio Lower Upper

172 100

171 35.5 29.0 43.6

170 23.8 19.0 28.4

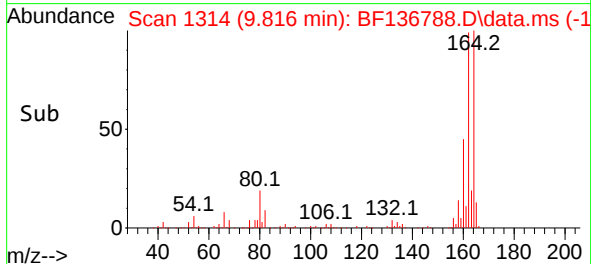
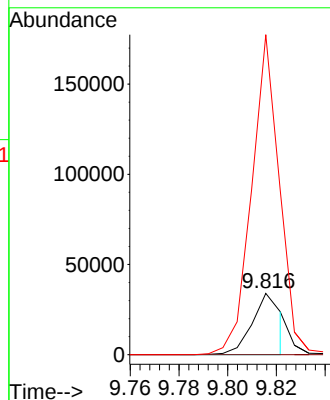
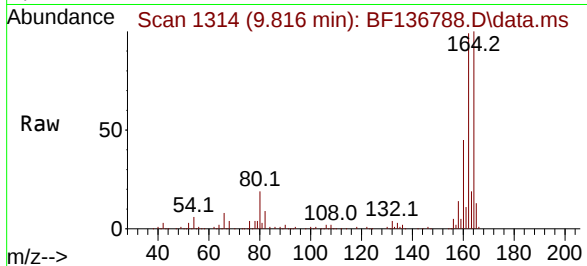




#50
Dimethylphthalate
Concen: 2.678 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF136788.D
Acq: 28 Dec 2023 11:38

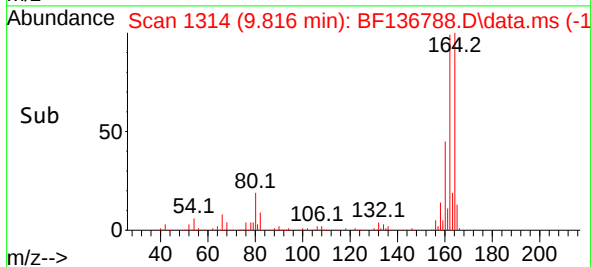
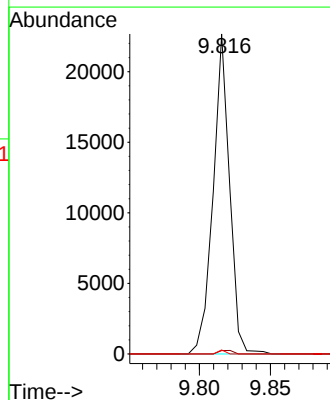
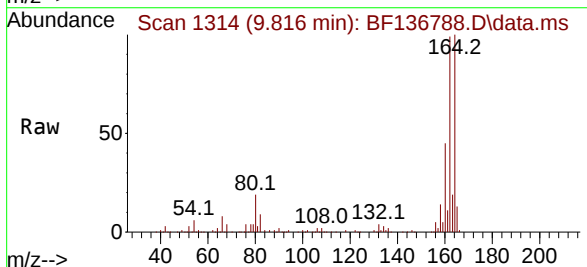
Instrument :
BNA_F
ClientSampleId :
PB157982TB

Tgt Ion:163 Resp: 27947
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 522.2 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.698 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136788.D
Acq: 28 Dec 2023 11:38

Tgt Ion:165 Resp: 18229
Ion Ratio Lower Upper
165 100
63 1.1 39.8 59.6#
89 1.2 38.8 58.2#

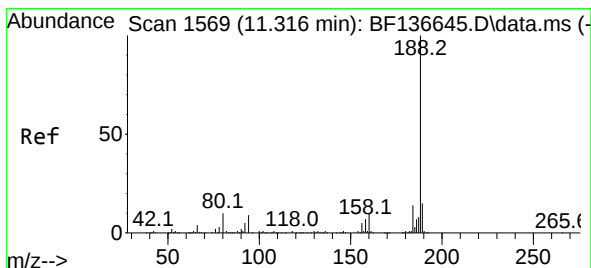
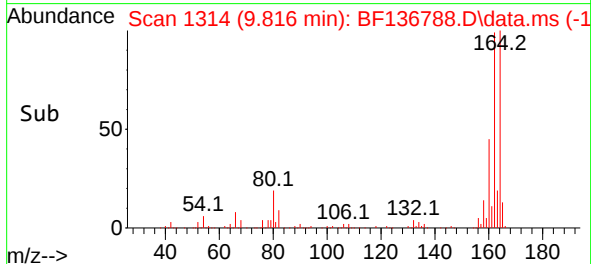
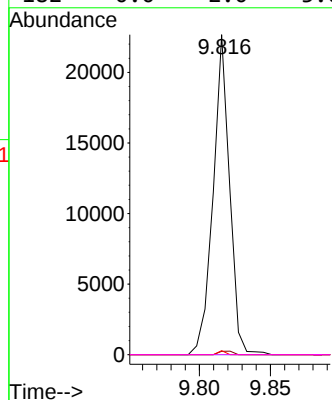
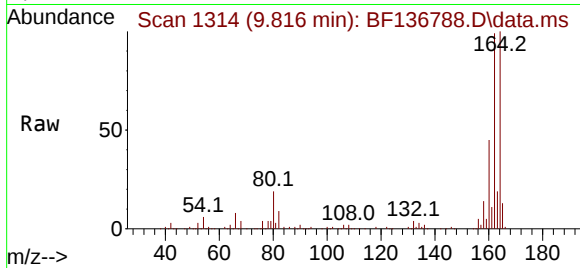




#57
2,4-Dinitrotoluene
Concen: 5.930 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136788.D
Acq: 28 Dec 2023 11:38

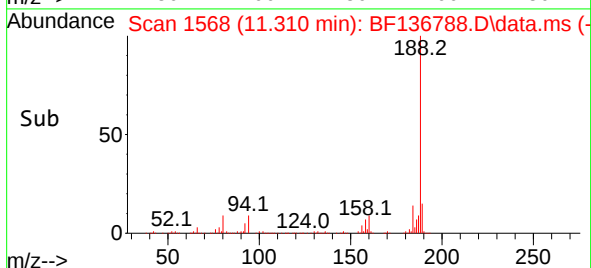
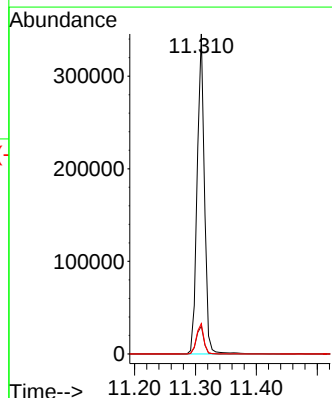
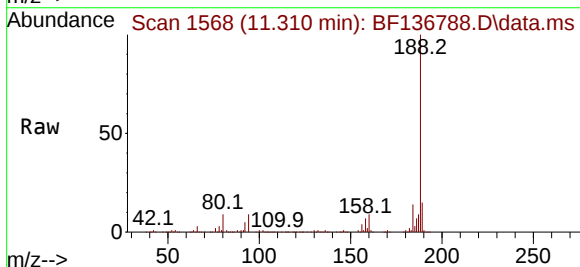
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BNA_F
ClientSampleId :
PB157982TB

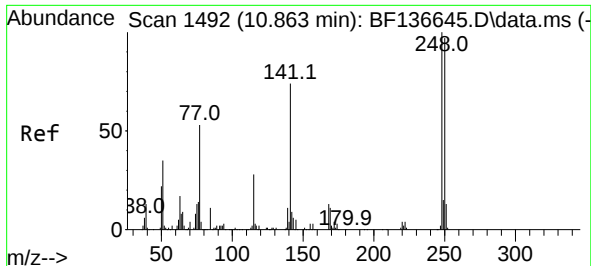
Tgt Ion:165 Resp: 18229
Ion Ratio Lower Upper
165 100
63 1.1 41.0 61.6#
89 1.2 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136788.D
Acq: 28 Dec 2023 11:38

Tgt Ion:188 Resp: 286992
Ion Ratio Lower Upper
188 100
94 8.7 7.5 11.3
80 9.5 8.1 12.1

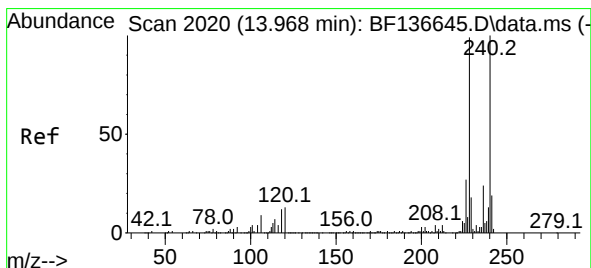
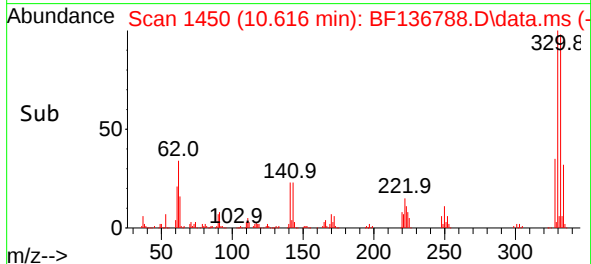
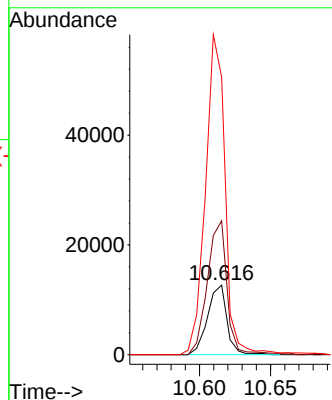
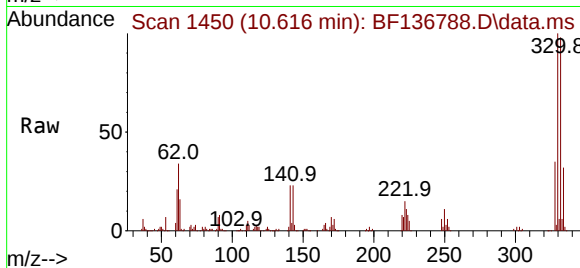




#67
4-Bromophenyl-phenylether
Concen: 3.767 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF136788.D
Acq: 28 Dec 2023 11:38

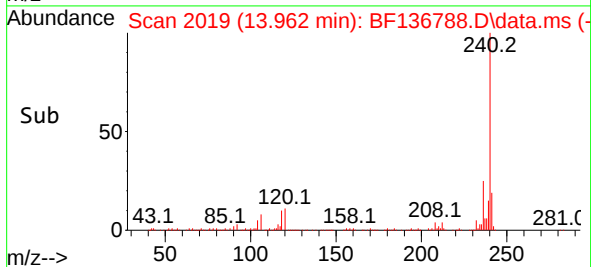
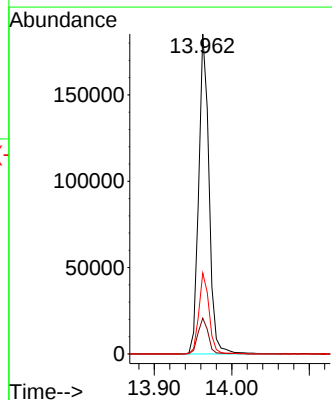
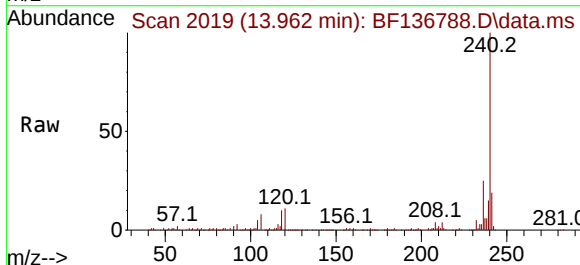
Instrument :
BNA_F
ClientSampleId :
PB157982TB

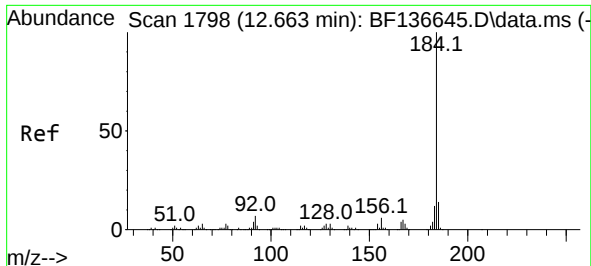
Tgt Ion:248 Resp: 12006
Ion Ratio Lower Upper
248 100
250 192.5 77.8 116.6#
141 398.6 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136788.D
Acq: 28 Dec 2023 11:38

Tgt Ion:240 Resp: 171287
Ion Ratio Lower Upper
240 100
120 11.2 10.3 15.5
236 25.3 19.4 29.2

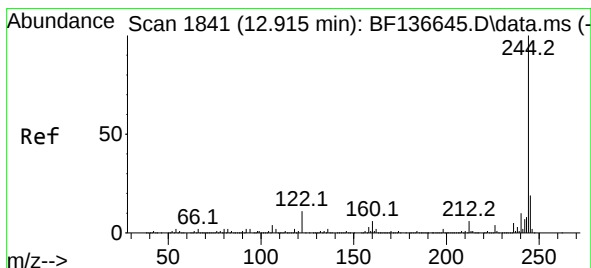
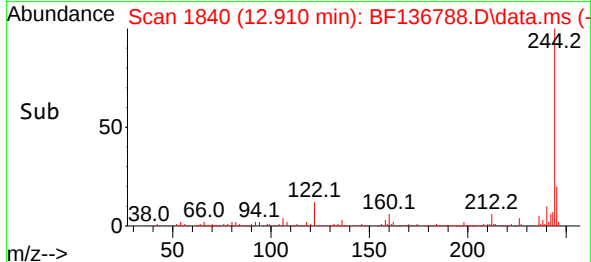
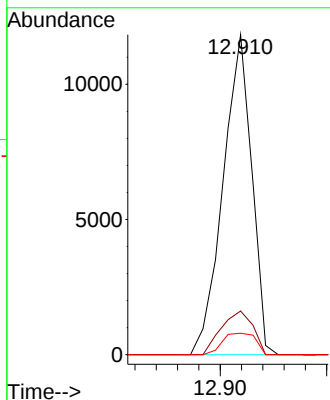
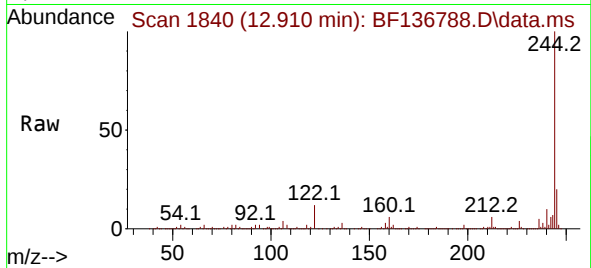




#77
Benzidine
Concen: 2.192 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.247 min
Lab File: BF136788.D
Acq: 28 Dec 2023 11:38

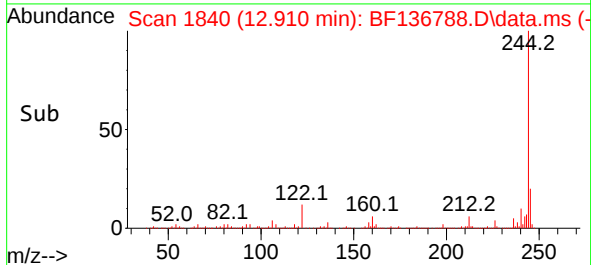
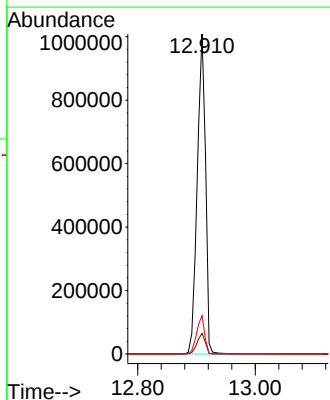
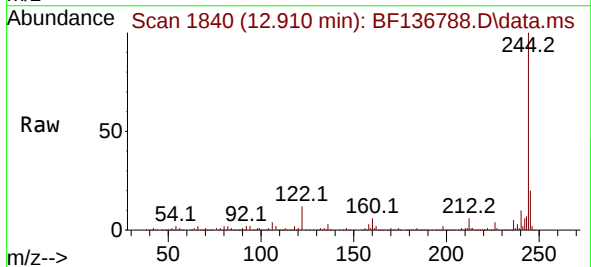
Instrument :
BNA_F
ClientSampleId :
PB157982TB

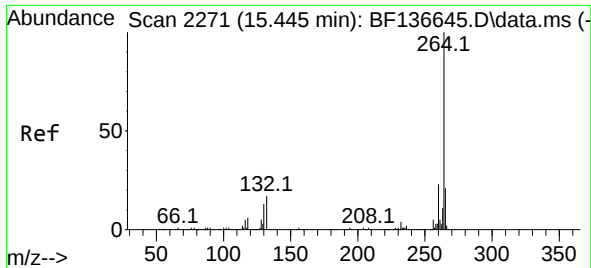
Tgt Ion:184 Resp: 11071
Ion Ratio Lower Upper
184 100
185 13.6 11.2 16.8
183 6.7 9.3 13.9#



#79
Terphenyl-d14
Concen: 80.520 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.006 min
Lab File: BF136788.D
Acq: 28 Dec 2023 11:38

Tgt Ion:244 Resp: 986926
Ion Ratio Lower Upper
244 100
212 6.5 5.0 7.4
122 12.0 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: BF136788.D
Acq: 28 Dec 2023 11:38

Instrument :
BNA_F
ClientSampleId :
PB157982TB

Tgt Ion:264 Resp: 142610
Ion Ratio Lower Upper
264 100
260 24.2 18.3 27.5
265 21.9 17.0 25.6

