

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
 Data File : BF140873.D
 Acq On : 17 Dec 2024 09:50
 Operator : RC/JU
 Sample : PB165543BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165543BL

Quant Time: Dec 17 10:22:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

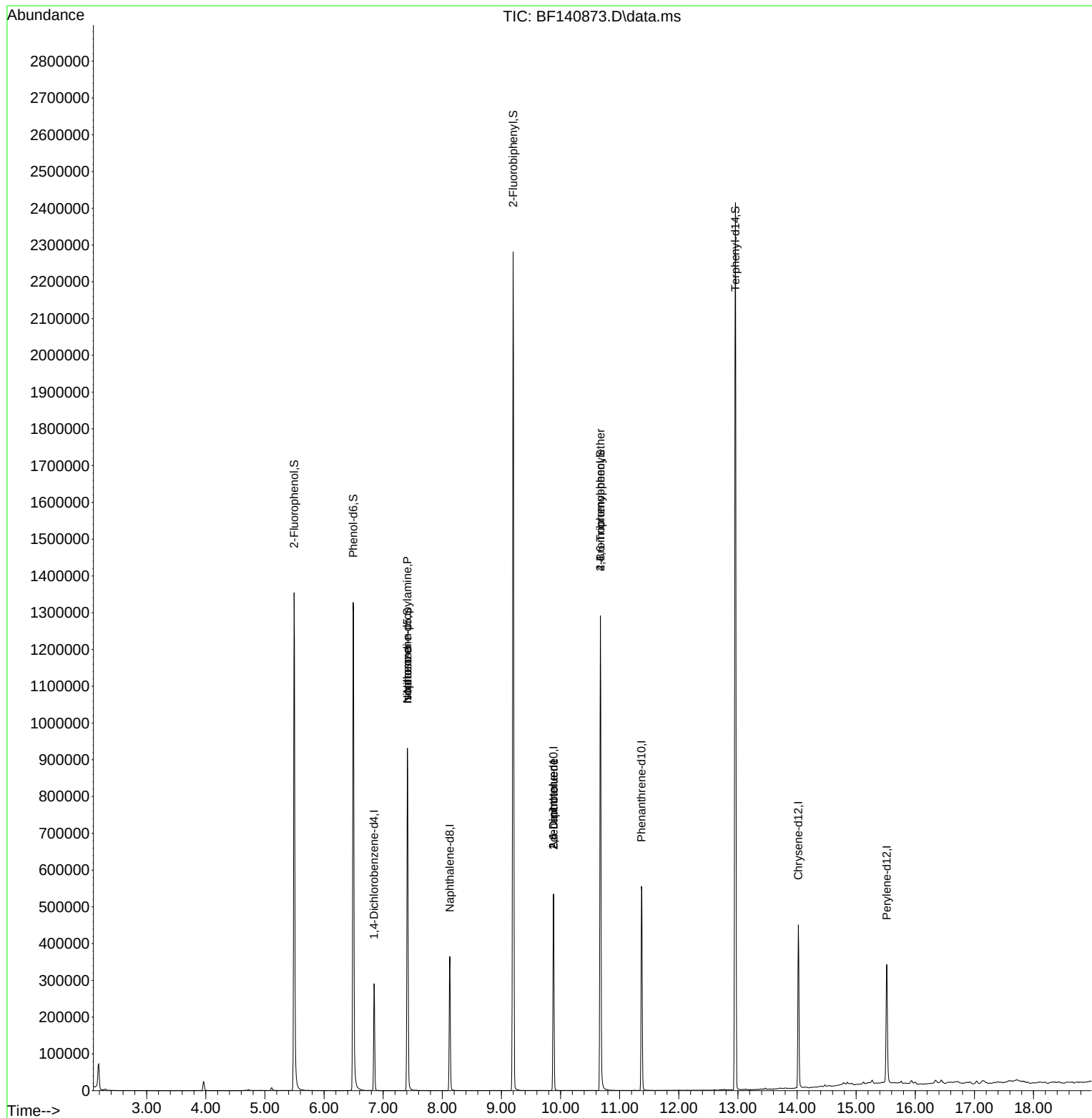
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	65233	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	241125	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	162770	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	320472	20.000	ng	0.00
76) Chrysene-d12	14.022	240	217473	20.000	ng	-0.01
86) Perylene-d12	15.516	264	201872	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	539084	136.040	ng	0.00
7) Phenol-d6	6.493	99	681341	129.814	ng	0.00
23) Nitrobenzene-d5	7.410	82	444033	92.132	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	234388	121.753	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1058567	89.413	ng	0.00
79) Terphenyl-d14	12.957	244	1222955	88.675	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.410	70	60000	19.058	ng	# 78
25) Isophorone	7.410	82	438341	54.282	ng	# 65
51) 2,6-Dinitrotoluene	9.881	165	20462	7.800	ng	# 21
57) 2,4-Dinitrotoluene	9.881	165	20462	5.928	ng	# 16
67) 4-Bromophenyl-phenylether	10.675	248	14185	3.957	ng	# 1

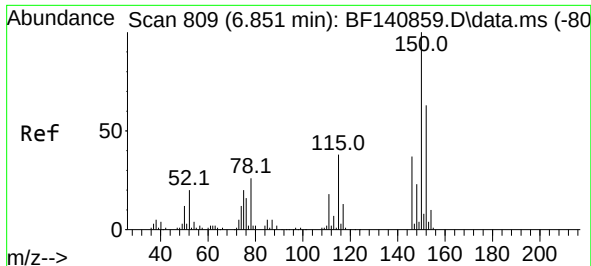
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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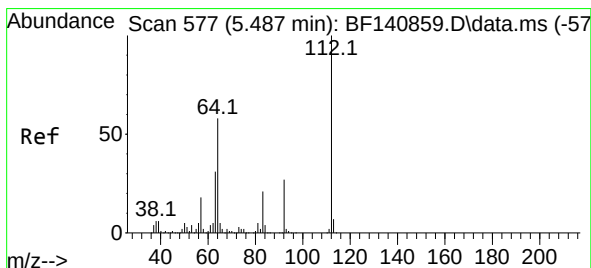
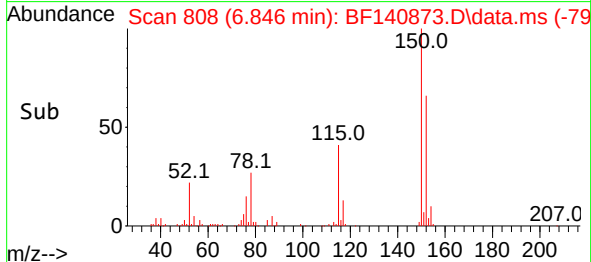
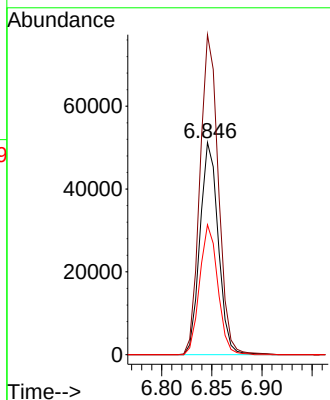
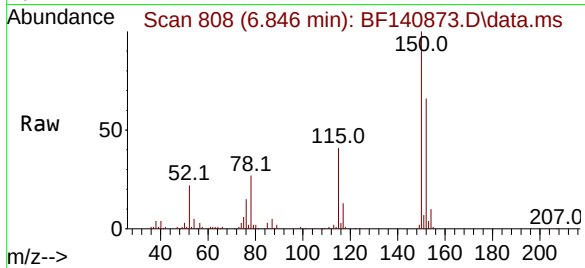




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 809
Delta R.T. -0.005 min
Lab File: BF140873.D
Acq: 17 Dec 2024 09:50

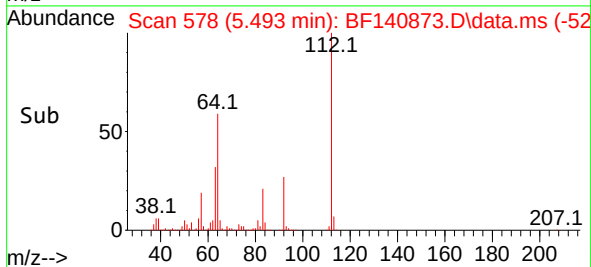
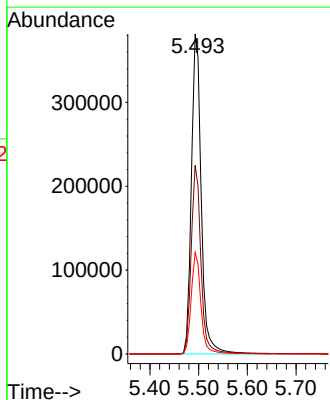
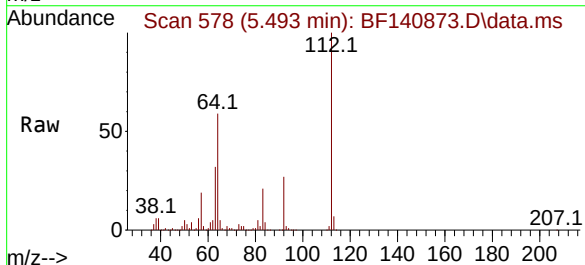
Instrument :
BNA_F
ClientSampleId :
PB165543BL

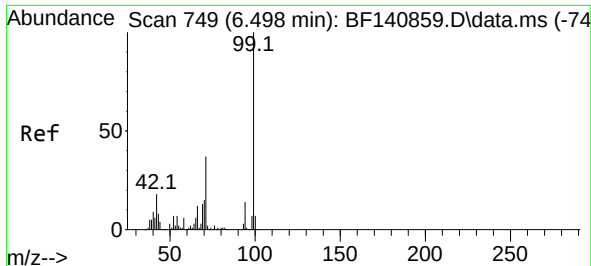
Tgt Ion:152 Resp: 65233
Ion Ratio Lower Upper
152 100
150 150.8 127.9 191.9
115 61.2 48.0 72.0



#5
2-Fluorophenol
Concen: 136.040 ng
RT: 5.493 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF140873.D
Acq: 17 Dec 2024 09:50

Tgt Ion:112 Resp: 539084
Ion Ratio Lower Upper
112 100
64 59.0 46.1 69.1
63 31.7 24.9 37.3

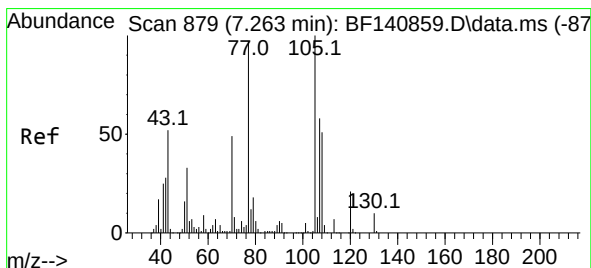
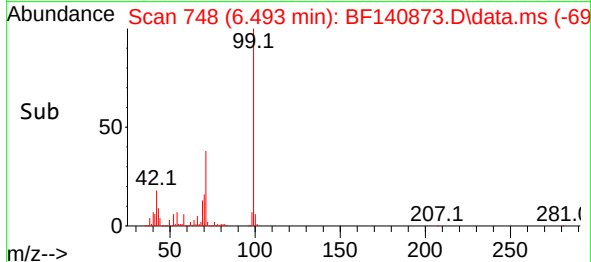
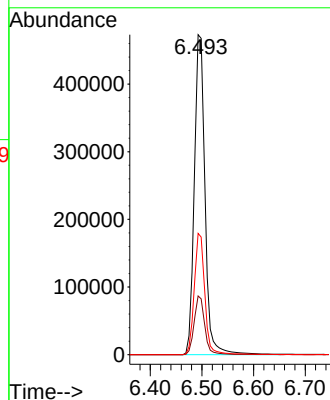
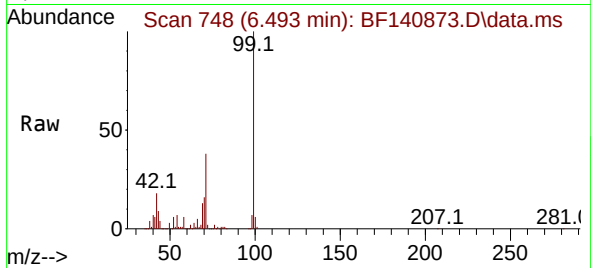




#7
Phenol-d6
Concen: 129.814 ng
RT: 6.493 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF140873.D
Acq: 17 Dec 2024 09:50

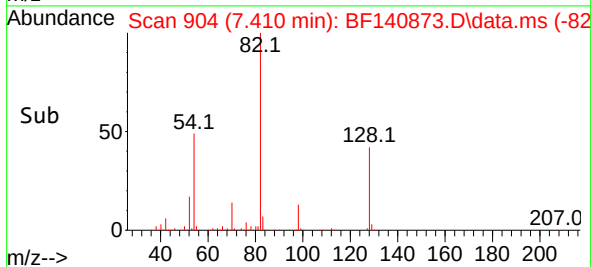
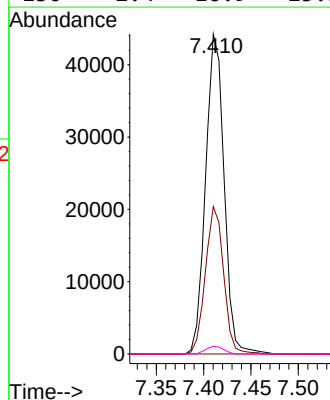
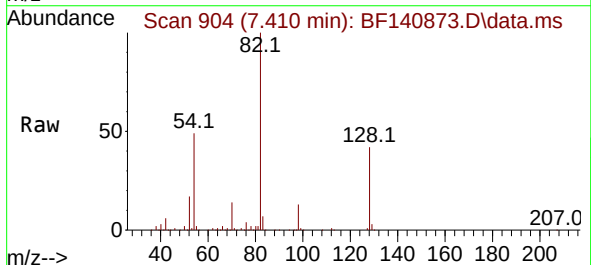
Instrument :
BNA_F
ClientSampleId :
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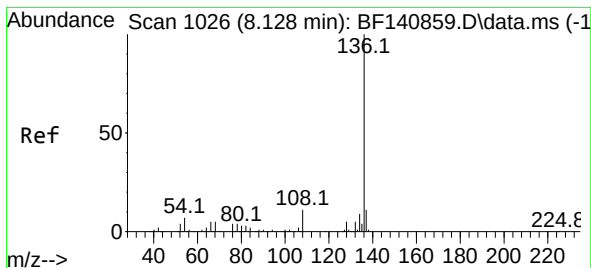
Tgt Ion: 99 Resp: 681341
Ion Ratio Lower Upper
99 100
42 18.3 14.3 21.5
71 37.9 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 19.058 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.147 min
Lab File: BF140873.D
Acq: 17 Dec 2024 09:50

Tgt Ion: 70 Resp: 60000
Ion Ratio Lower Upper
70 100
42 46.1 45.3 67.9
101 0.0 8.0 12.0#
130 2.4 16.9 25.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF140873.D

Acq: 17 Dec 2024 09:50

Instrument :

BNA_F

ClientSampleId :

PB165543BL

Tgt Ion:136 Resp: 241125

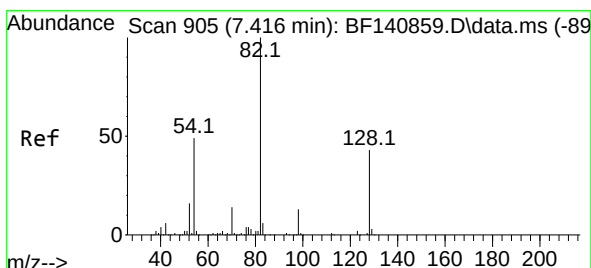
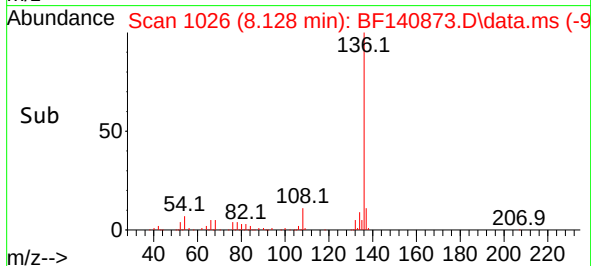
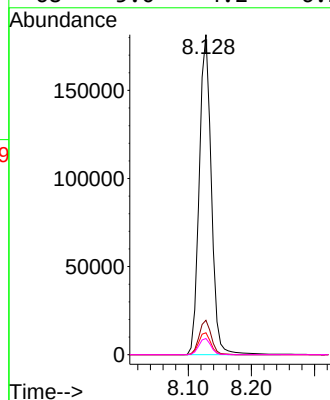
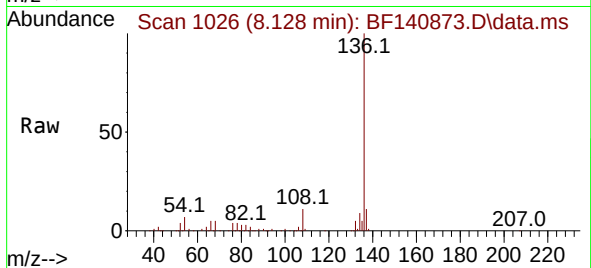
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 6.9 5.6 8.4

68 5.0 4.2 6.2



#23

Nitrobenzene-d5

Concen: 92.132 ng

RT: 7.410 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF140873.D

Acq: 17 Dec 2024 09:50

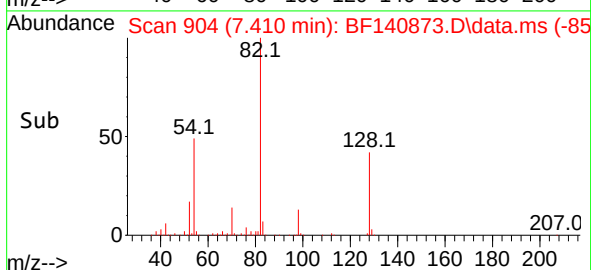
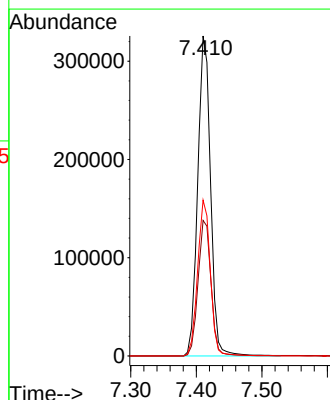
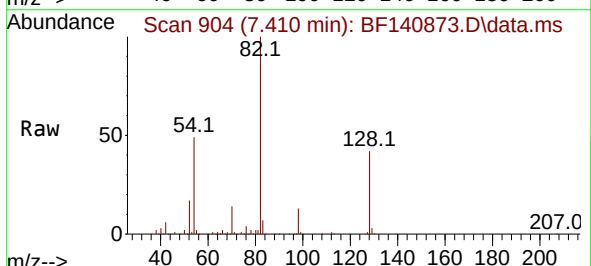
Tgt Ion: 82 Resp: 444033

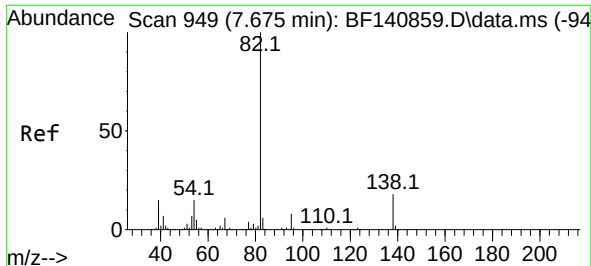
Ion Ratio Lower Upper

82 100

128 42.3 34.4 51.6

54 48.7 38.8 58.2

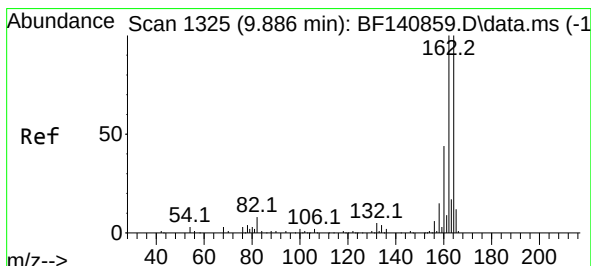
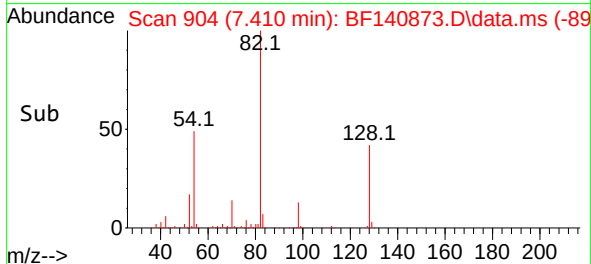
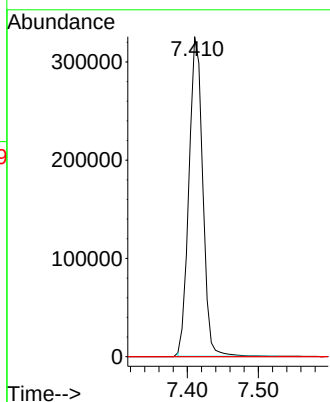
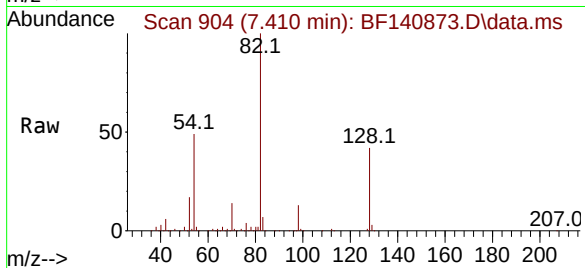




#25
Isophorone
Concen: 54.282 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.265 min
Lab File: BF140873.D
Acq: 17 Dec 2024 09:50

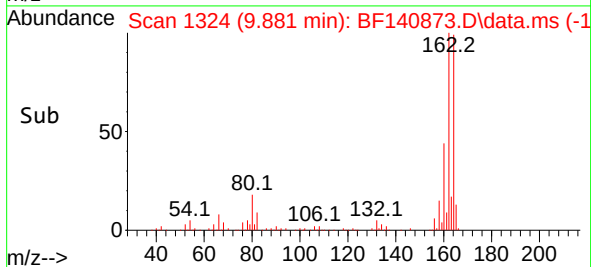
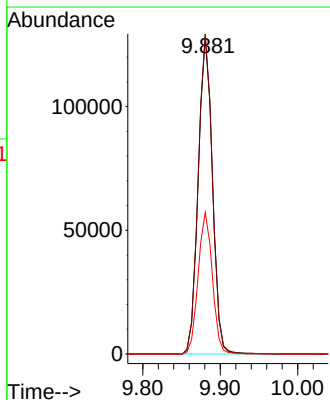
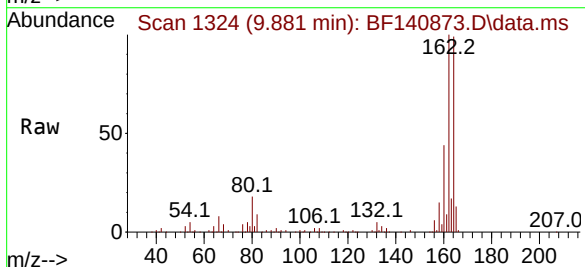
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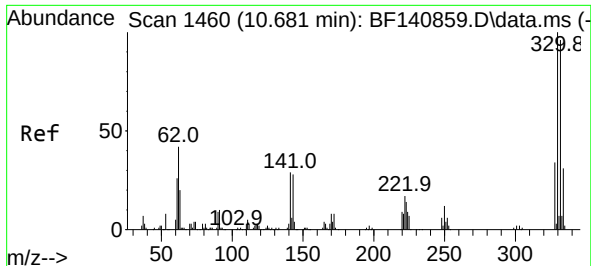
Tgt Ion: 82 Resp: 438341
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 14.1 21.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF140873.D
Acq: 17 Dec 2024 09:50

Tgt Ion: 164 Resp: 162770
Ion Ratio Lower Upper
164 100
162 100.9 79.9 119.9
160 44.6 35.2 52.8

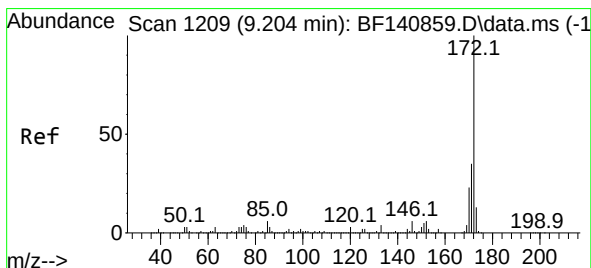
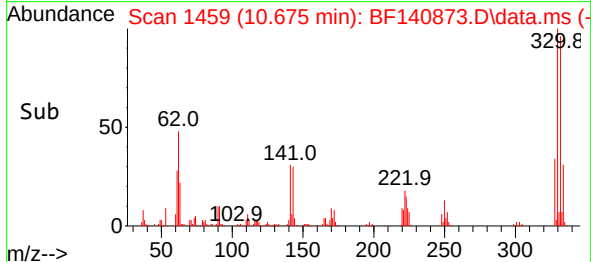
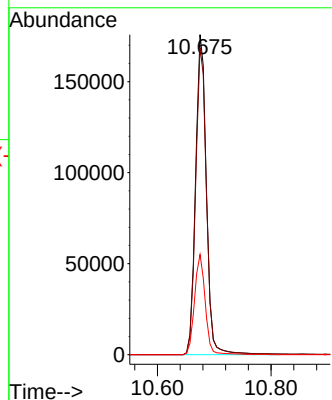
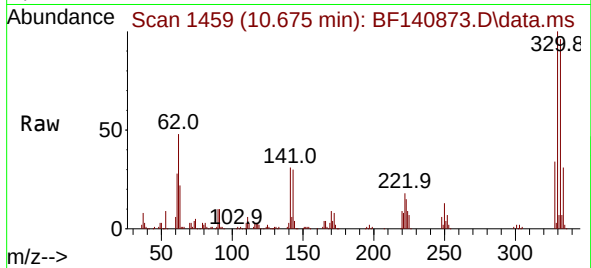




#42
2,4,6-Tribromophenol
Concen: 121.753 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF140873.D
Acq: 17 Dec 2024 09:50

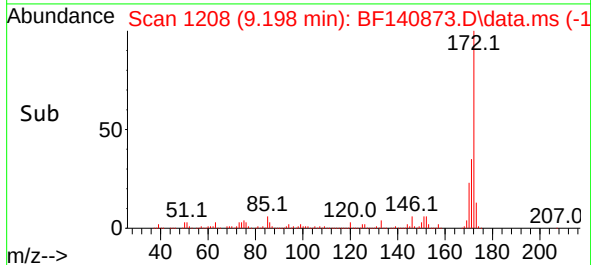
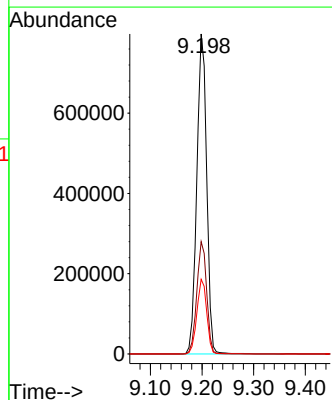
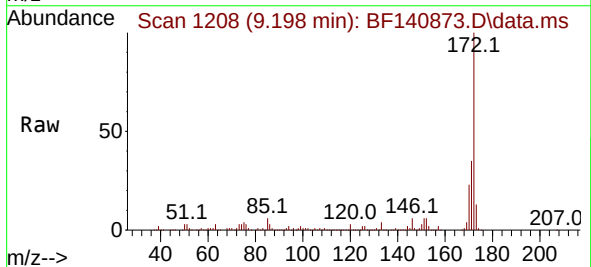
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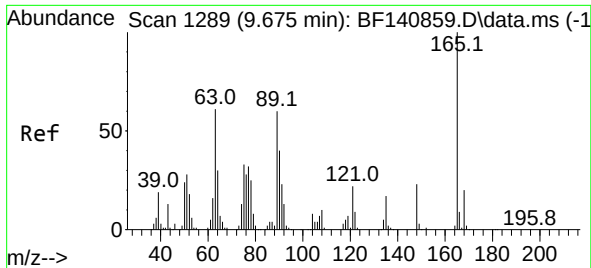
Tgt Ion:330 Resp: 234388
Ion Ratio Lower Upper
330 100
332 96.9 76.2 114.4
141 31.0 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 89.413 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF140873.D
Acq: 17 Dec 2024 09:50

Tgt Ion:172 Resp: 1058567
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 23.4 18.6 28.0

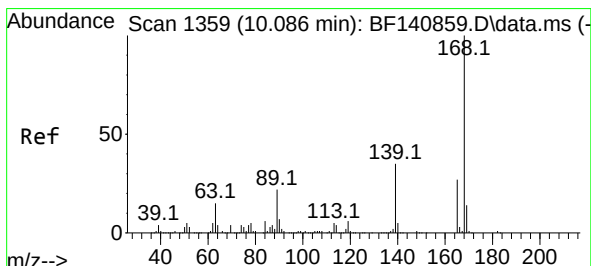
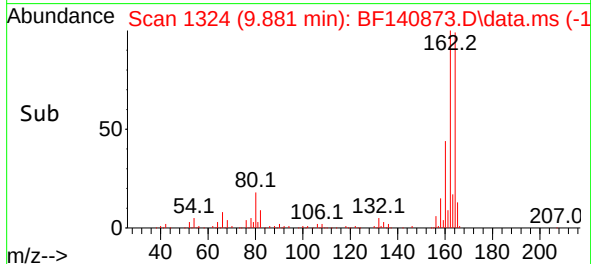
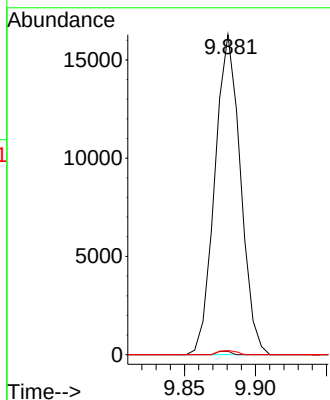
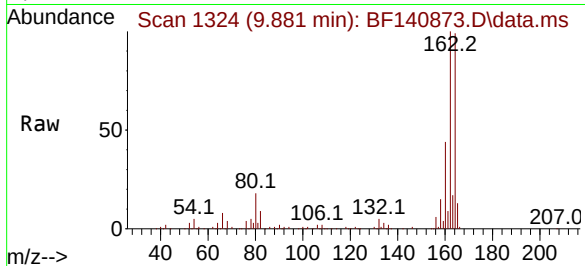




#51
2,6-Dinitrotoluene
Concen: 7.800 ng
RT: 9.881 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140873.D
Acq: 17 Dec 2024 09:50

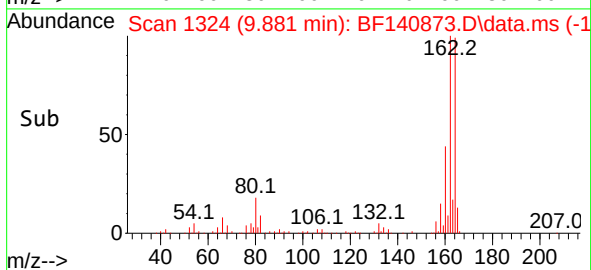
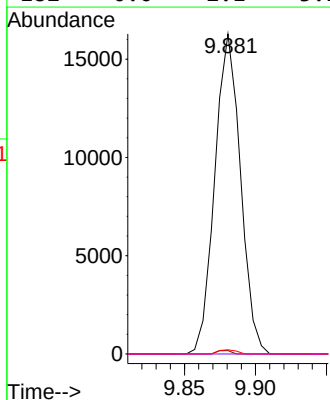
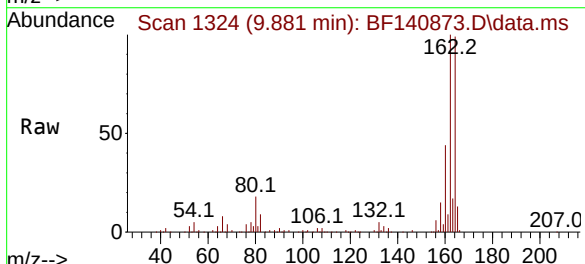
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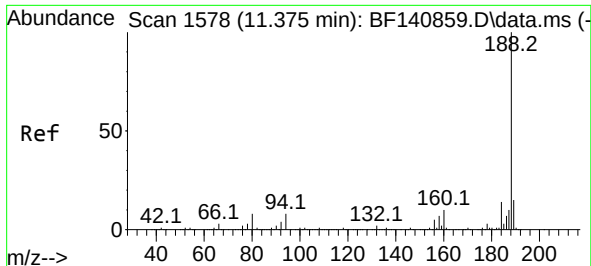
Tgt Ion:165 Resp: 20462
Ion Ratio Lower Upper
165 100
63 1.1 49.7 74.5#
89 1.3 48.2 72.4#



#57
2,4-Dinitrotoluene
Concen: 5.928 ng
RT: 9.881 min Scan# 1324
Delta R.T. -0.206 min
Lab File: BF140873.D
Acq: 17 Dec 2024 09:50

Tgt Ion:165 Resp: 20462
Ion Ratio Lower Upper
165 100
63 1.1 49.3 73.9#
89 1.3 66.2 99.4#
182 0.0 2.1 3.1#

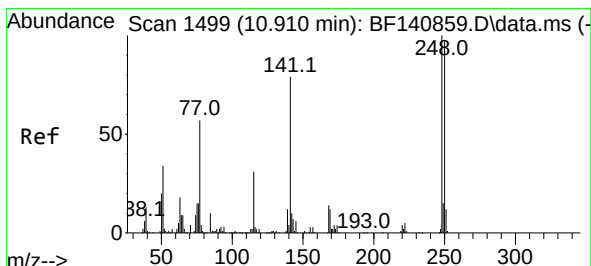
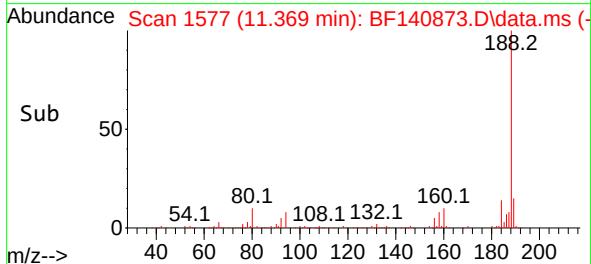
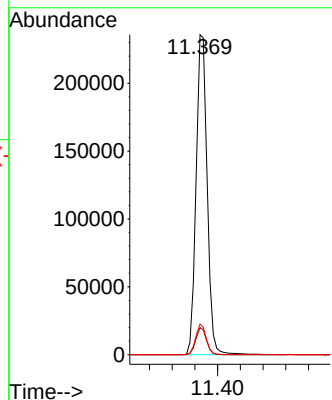
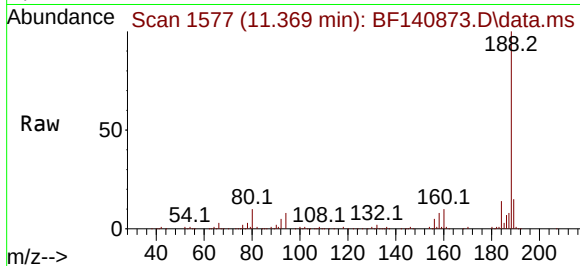




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140873.D
Acq: 17 Dec 2024 09:50

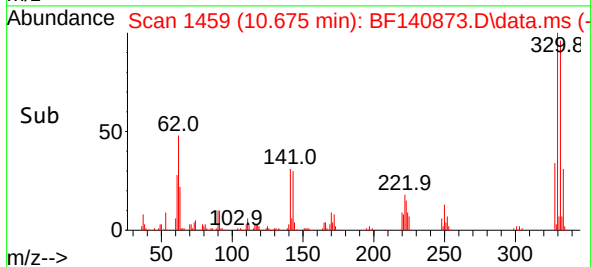
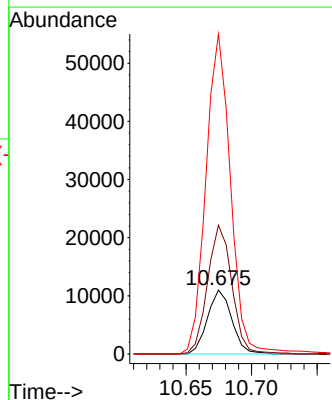
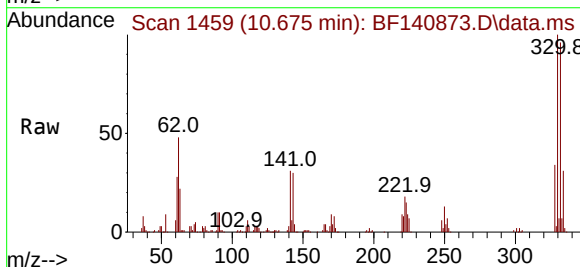
Instrument :
BNA_F
ClientSampleId :
PB165543BL

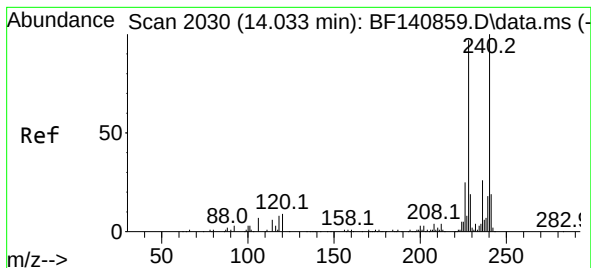
Tgt Ion:188 Resp: 320472
Ion Ratio Lower Upper
188 100
94 8.4 6.4 9.6
80 9.5 6.8 10.2



#67
4-Bromophenyl-phenylether
Concen: 3.957 ng
RT: 10.675 min Scan# 1459
Delta R.T. -0.235 min
Lab File: BF140873.D
Acq: 17 Dec 2024 09:50

Tgt Ion:248 Resp: 14185
Ion Ratio Lower Upper
248 100
250 201.8 77.4 116.2#
141 501.6 62.9 94.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.022 min Scan# 2030

Delta R.T. -0.012 min

Lab File: BF140873.D

Acq: 17 Dec 2024 09:50

Instrument :

BNA_F

ClientSampleId :

PB165543BL

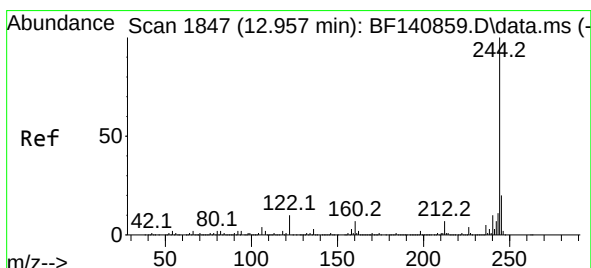
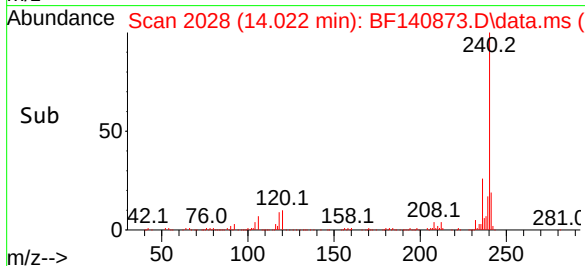
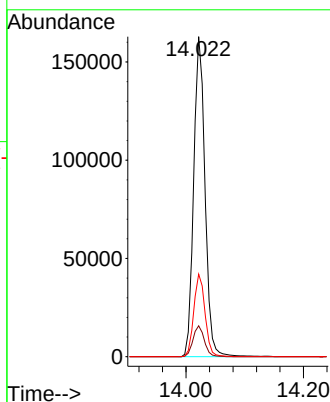
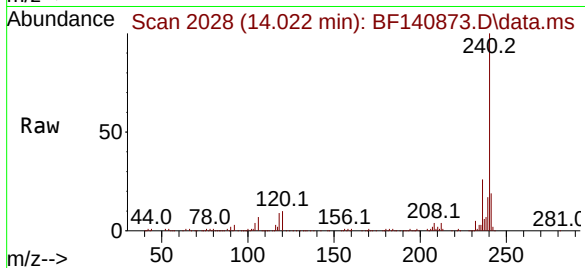
Tgt Ion:240 Resp: 217473

Ion Ratio Lower Upper

240 100

120 9.7 7.6 11.4

236 25.8 20.5 30.7



#79

Terphenyl-d14

Concen: 88.675 ng

RT: 12.957 min Scan# 1847

Delta R.T. 0.000 min

Lab File: BF140873.D

Acq: 17 Dec 2024 09:50

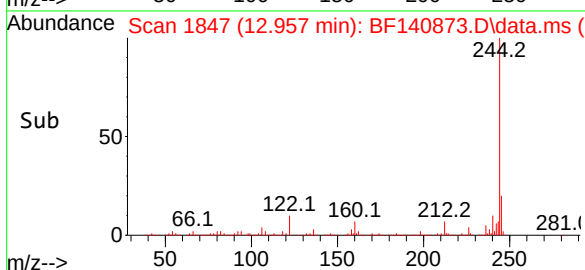
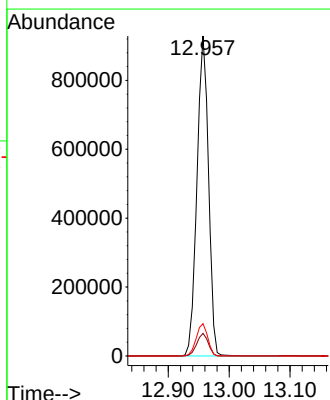
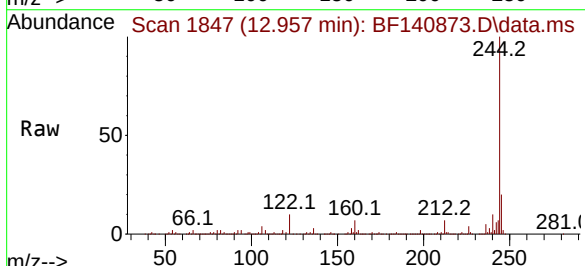
Tgt Ion:244 Resp: 1222955

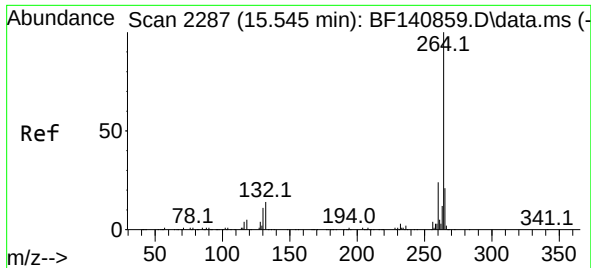
Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 10.1 8.2 12.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.516 min Scan# 21
 Delta R.T. -0.029 min
 Lab File: BF140873.D
 Acq: 17 Dec 2024 09:50

Instrument :
 BNA_F
 ClientSampleId :
 PB165543BL

Tgt Ion:264 Resp: 201872
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.1 28.7
 265 22.5 17.0 25.4

