

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010224\
 Data File : BF136877.D
 Acq On : 02 Jan 2024 18:20
 Operator : CG\JU
 Sample : PB158150TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158150TB

Quant Time: Jan 03 02:01:50 2024
 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)

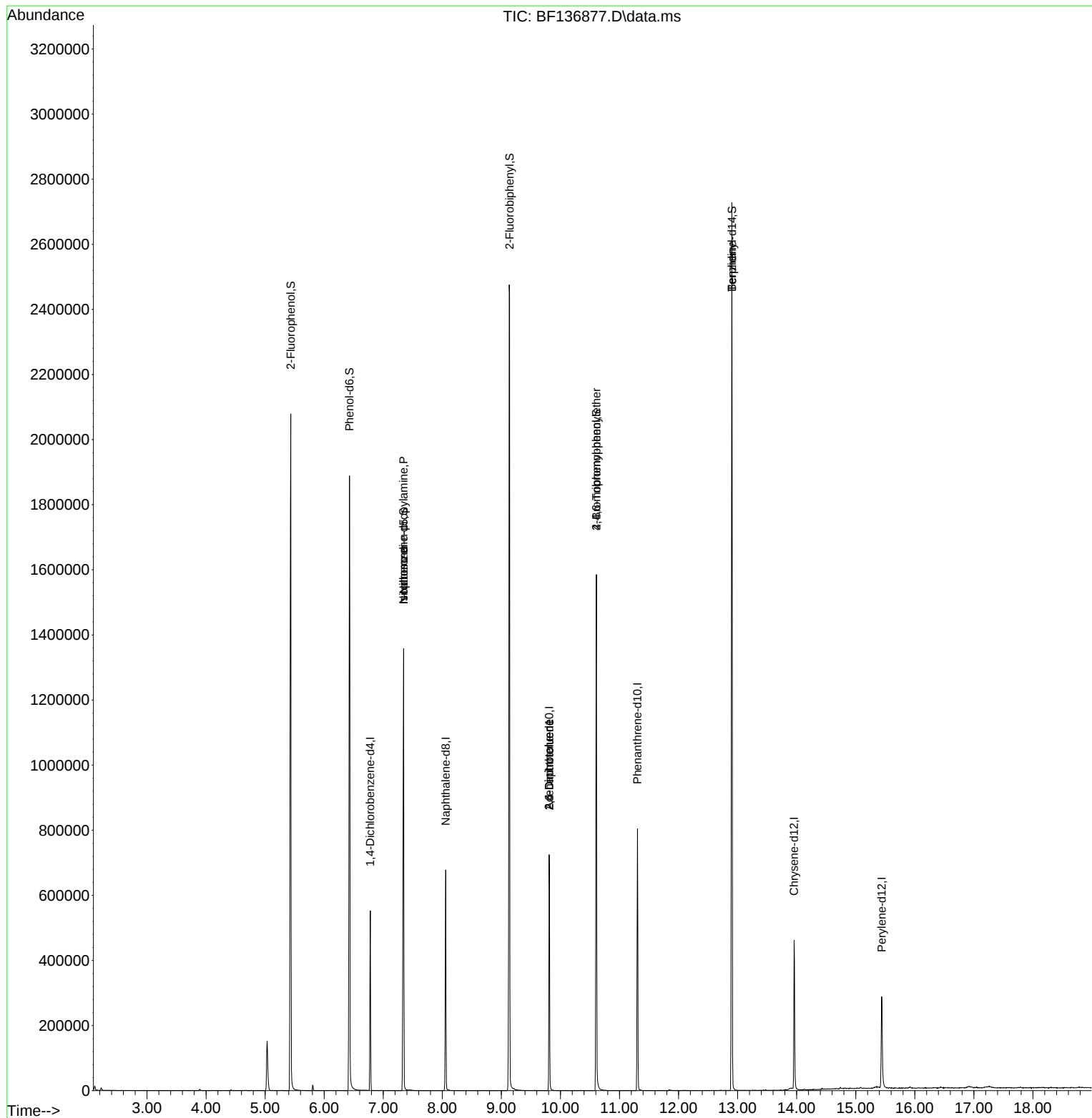
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	75200	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	295089	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	150838	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	296708	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	171611	20.000	ng	-0.01
86) Perylene-d12	15.439	264	153541	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	587289	121.853	ng	0.00
7) Phenol-d6	6.428	99	724336	115.985	ng	-0.01
23) Nitrobenzene-d5	7.345	82	456317	79.129	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	205501	115.680	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	923852	82.378	ng	-0.01
79) Terphenyl-d14	12.904	244	1014831	82.640	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	58488	15.450	ng	# 73
25) Isophorone	7.345	82	453024	43.173	ng	# 65
51) 2,6-Dinitrotoluene	9.810	165	19257	7.701	ng	# 30
57) 2,4-Dinitrotoluene	9.810	165	19257	5.932	ng	# 21
67) 4-Bromophenyl-phenylether	10.610	248	12019	3.647	ng	# 1
77) Benzidine	12.904	184	11252	2.224	ng	# 92

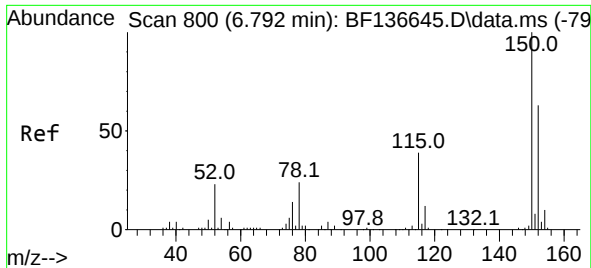
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010224\
Data File : BF136877.D
Acq On : 02 Jan 2024 18:20
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ALS Vial : 3 Sample Multiplier: 1

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Quant Time: Jan 03 02:01:50 2024
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

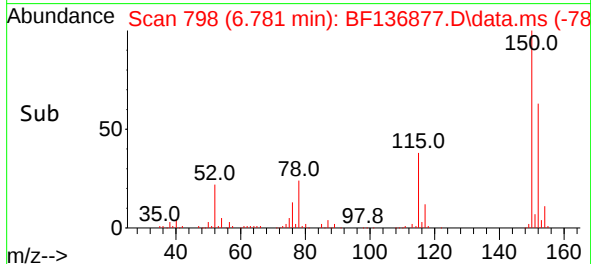
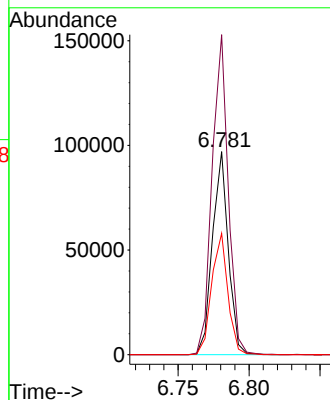
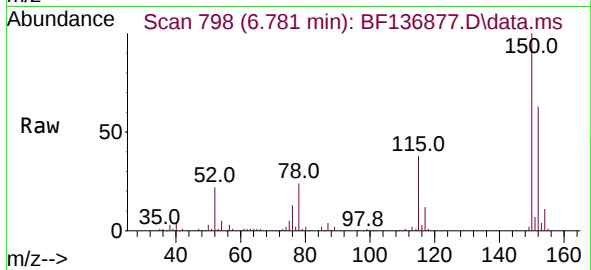




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136877.D
Acq: 02 Jan 2024 18:20

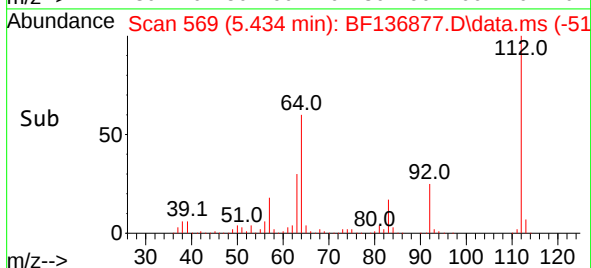
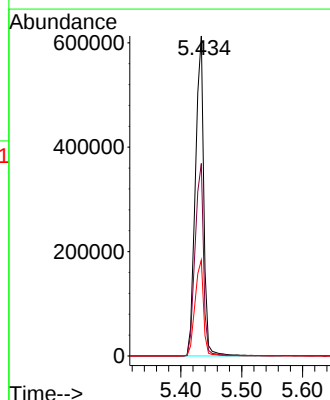
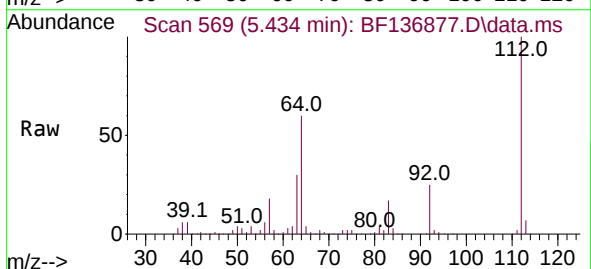
Instrument :
BNA_F
ClientSampleId :
PB158150TB

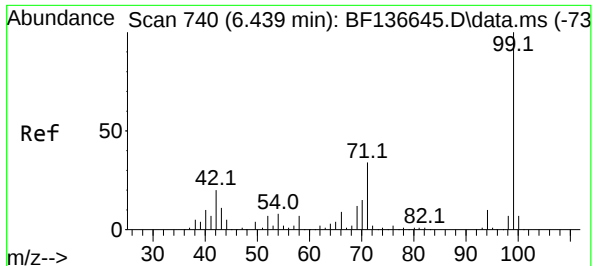
Tgt Ion:152 Resp: 75200
Ion Ratio Lower Upper
152 100
150 157.6 127.0 190.6
115 59.8 49.0 73.4



#5
2-Fluorophenol
Concen: 121.853 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF136877.D
Acq: 02 Jan 2024 18:20

Tgt Ion:112 Resp: 587289
Ion Ratio Lower Upper
112 100
64 60.2 51.1 76.7
63 30.0 26.1 39.1

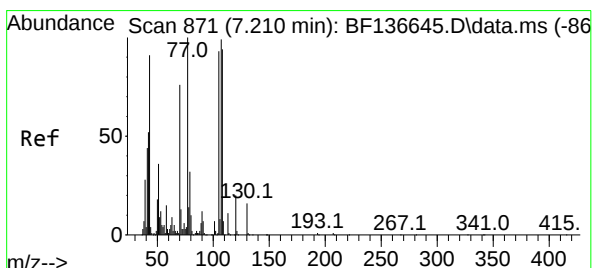
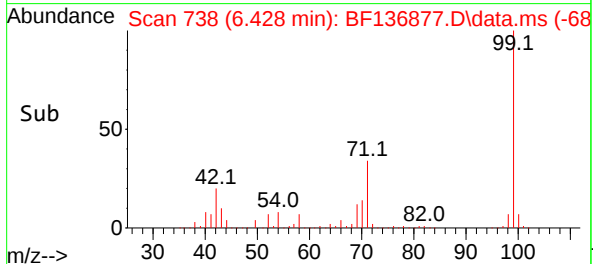
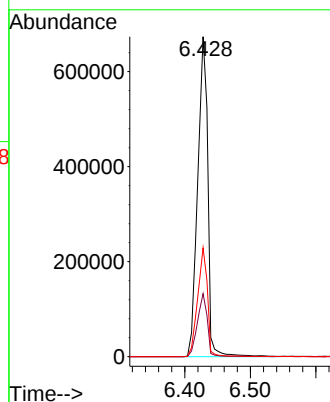
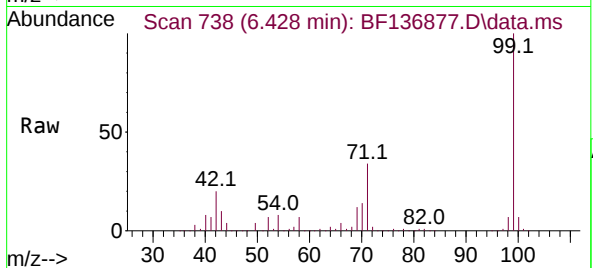




#7
Phenol-d6
Concen: 115.985 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136877.D
Acq: 02 Jan 2024 18:20

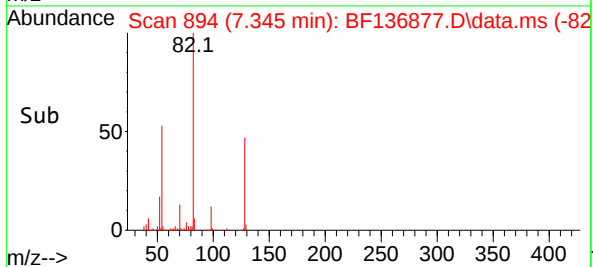
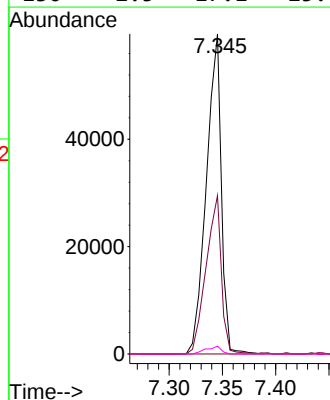
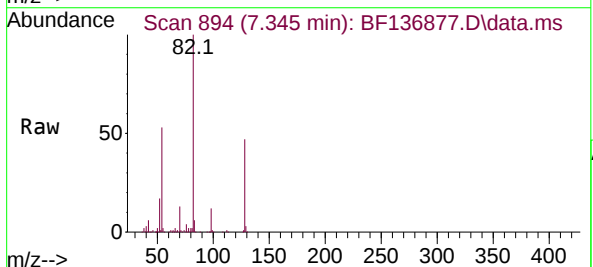
Instrument :
BNA_F
ClientSampleId :
PB158150TB

Tgt Ion: 99 Resp: 724336
Ion Ratio Lower Upper
99 100
42 19.7 16.1 24.1
71 34.0 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 15.450 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136877.D
Acq: 02 Jan 2024 18:20

Tgt Ion: 70 Resp: 58488
Ion Ratio Lower Upper
70 100
42 49.5 54.2 81.4#
101 0.0 7.6 11.4#
130 2.5 17.1 25.7#



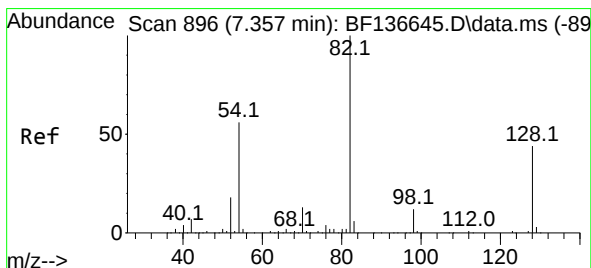
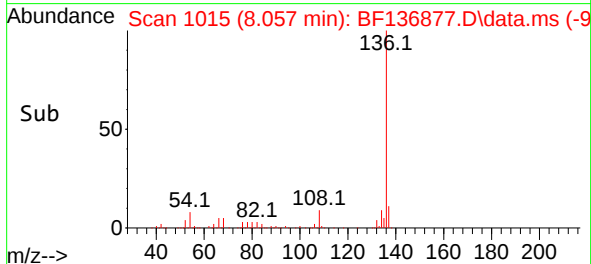
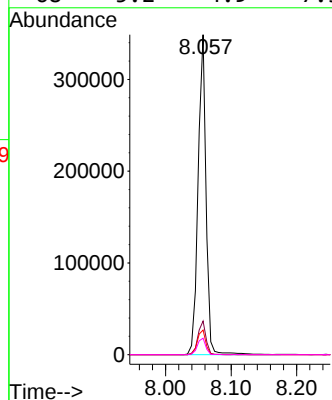
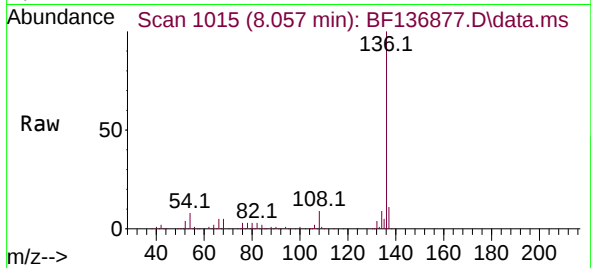


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136877.D
Acq: 02 Jan 2024 18:20

Instrument :
BNA_F
ClientSampleId :
PB158150TB

Tgt Ion:136 Resp: 295089

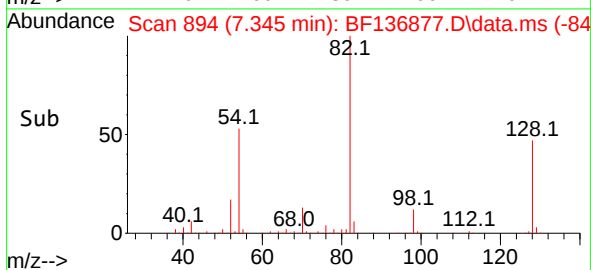
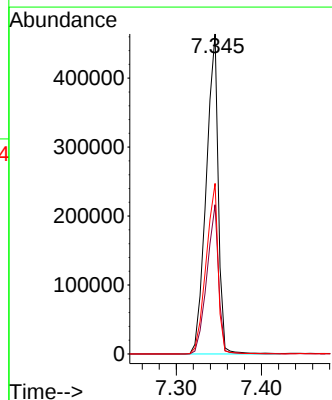
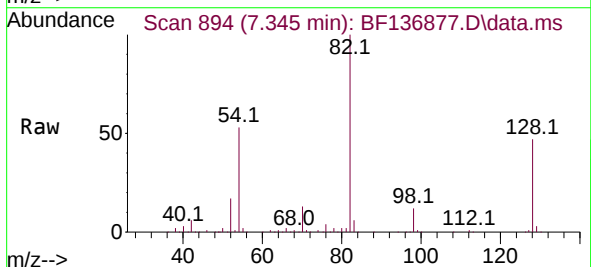
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.4
54	7.7	7.2	10.8
68	5.2	4.9	7.3



#23
Nitrobenzene-d5
Concen: 79.129 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136877.D
Acq: 02 Jan 2024 18:20

Tgt Ion: 82 Resp: 456317

Ion	Ratio	Lower	Upper
82	100		
128	46.6	35.3	52.9
54	53.3	44.5	66.7

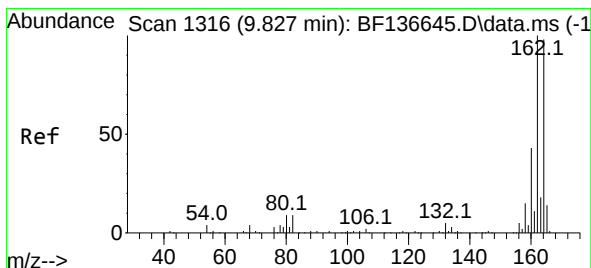
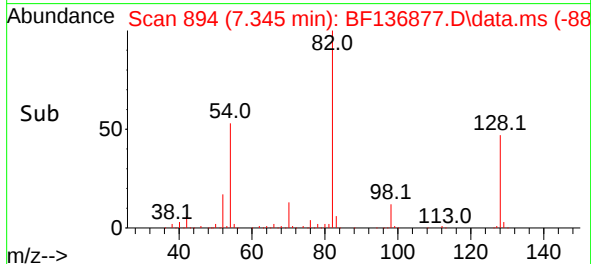
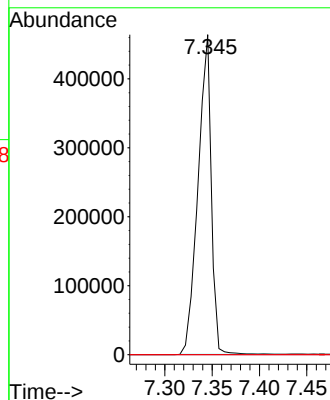
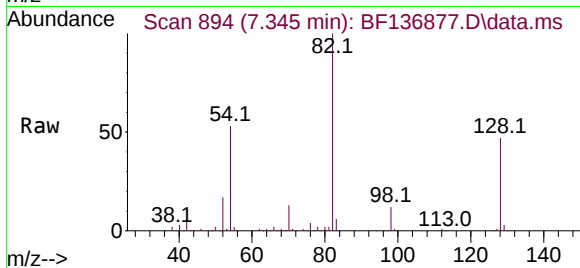




#25
Isophorone
Concen: 43.173 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF136877.D
Acq: 02 Jan 2024 18:20

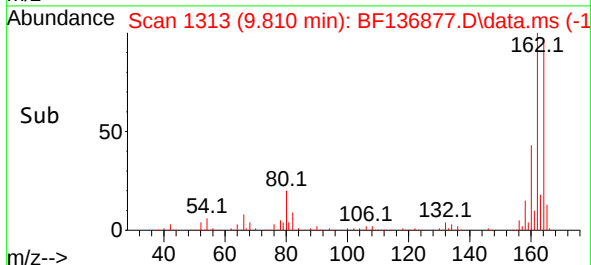
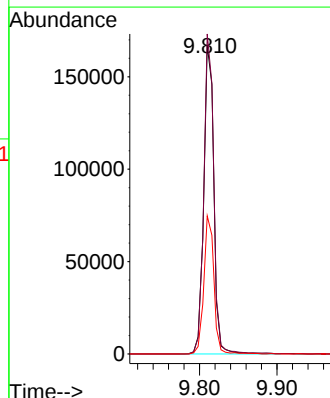
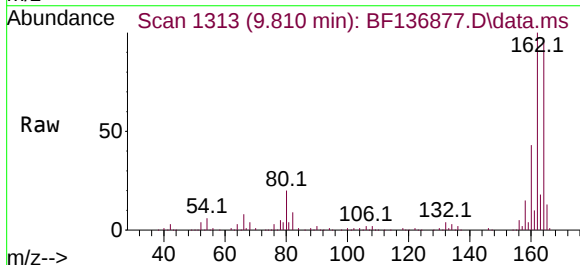
Instrument :
BNA_F
ClientSampleId :
PB158150TB

Tgt Ion: 82 Resp: 453024
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: 9.810 min Scan# 1313
Delta R.T. -0.018 min
Lab File: BF136877.D
Acq: 02 Jan 2024 18:20

Tgt Ion:164 Resp: 150838
Ion Ratio Lower Upper
164 100
162 103.8 81.6 122.4
160 44.8 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 115.680 ng

RT: 10.610 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136877.D

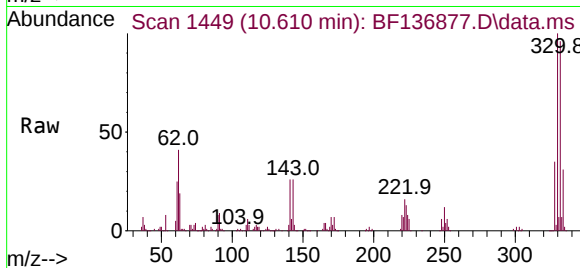
Acq: 02 Jan 2024 18:20

Instrument :

BNA_F

ClientSampleId :

PB158150TB



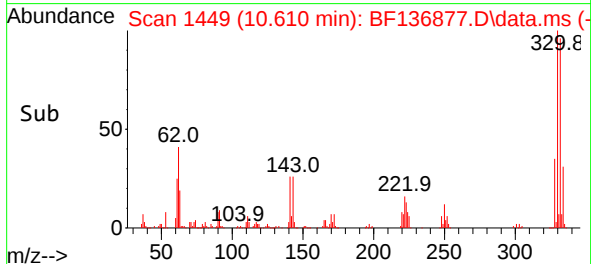
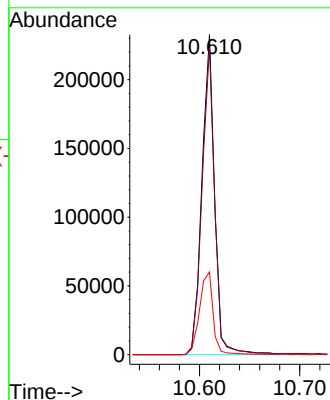
Tgt Ion:330 Resp: 205501

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.0

141 28.0 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 82.378 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136877.D

Acq: 02 Jan 2024 18:20

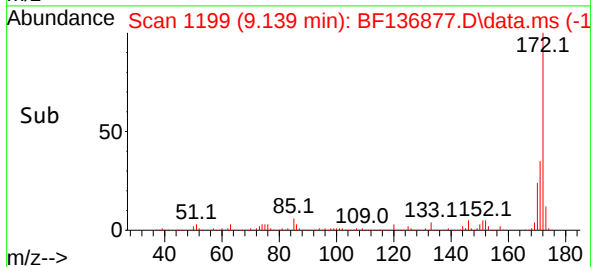
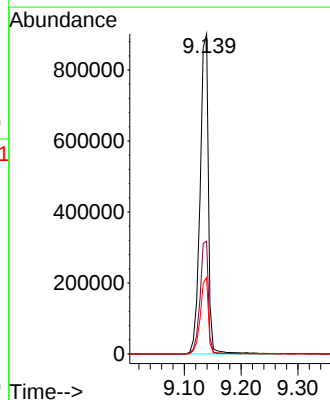
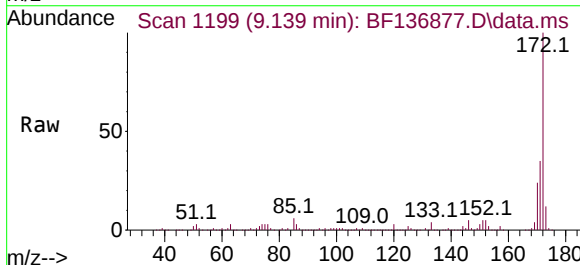
Tgt Ion:172 Resp: 923852

Ion Ratio Lower Upper

172 100

171 35.3 29.0 43.6

170 23.9 19.0 28.4

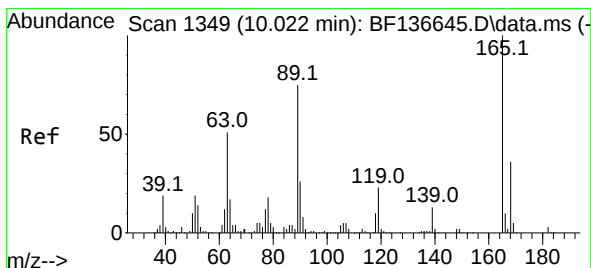
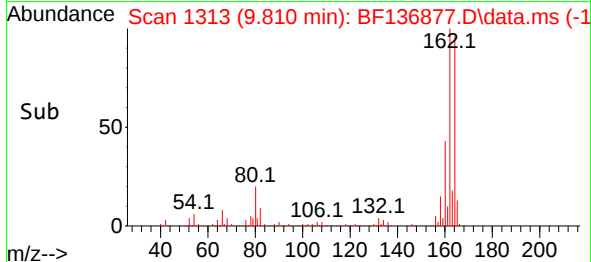
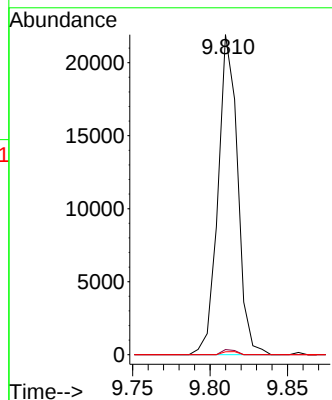
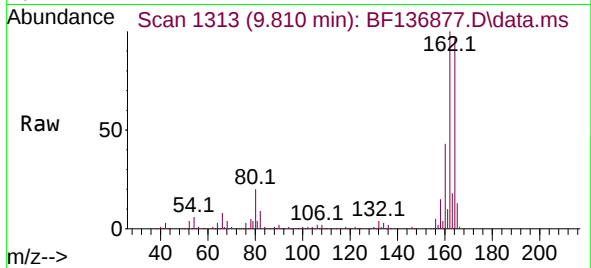




#51
2,6-Dinitrotoluene
Concen: 7.701 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.188 min
Lab File: BF136877.D
Acq: 02 Jan 2024 18:20

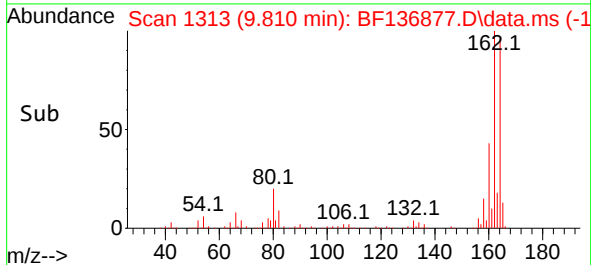
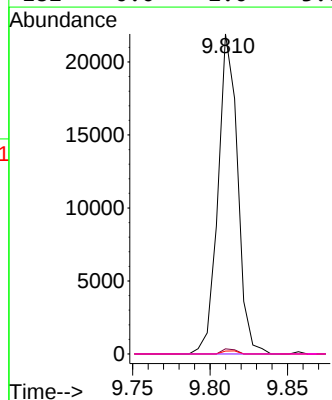
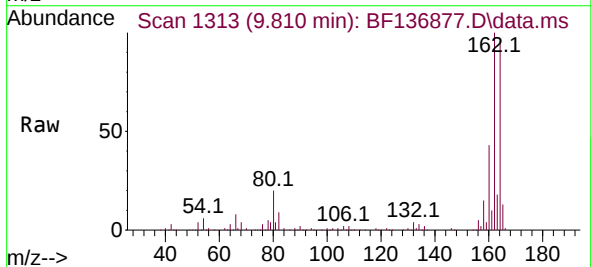
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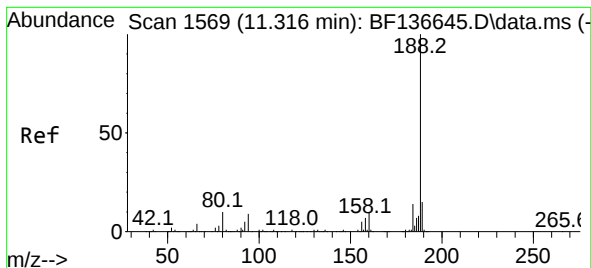
Tgt Ion:165 Resp: 19257
Ion Ratio Lower Upper
165 100
63 1.6 39.8 59.6#
89 0.9 38.8 58.2#



#57
2,4-Dinitrotoluene
Concen: 5.932 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.212 min
Lab File: BF136877.D
Acq: 02 Jan 2024 18:20

Tgt Ion:165 Resp: 19257
Ion Ratio Lower Upper
165 100
63 1.6 41.0 61.6#
89 0.9 59.9 89.9#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136877.D

Acq: 02 Jan 2024 18:20

Instrument :

BNA_F

ClientSampleId :

PB158150TB

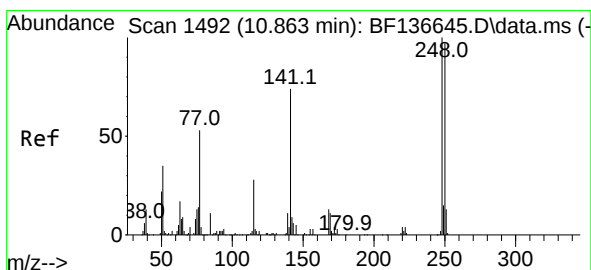
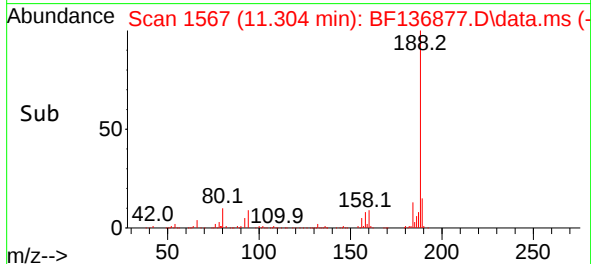
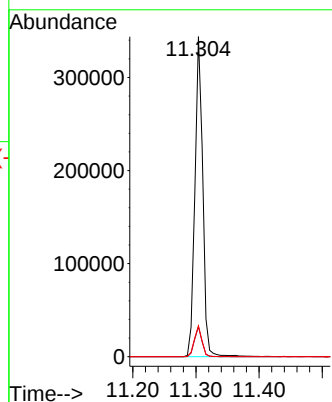
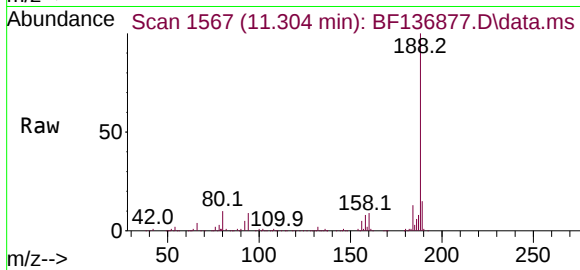
Tgt Ion:188 Resp: 296708

Ion Ratio Lower Upper

188 100

94 9.3 7.5 11.3

80 9.7 8.1 12.1



#67

4-Bromophenyl-phenylether

Concen: 3.647 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.253 min

Lab File: BF136877.D

Acq: 02 Jan 2024 18:20

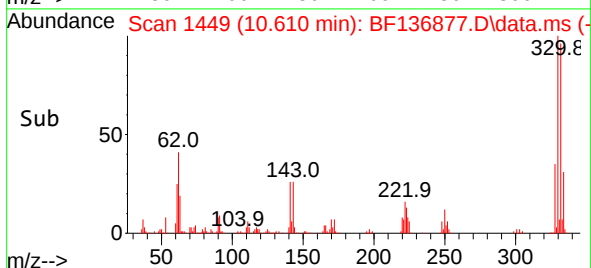
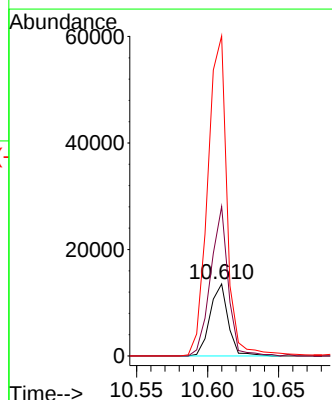
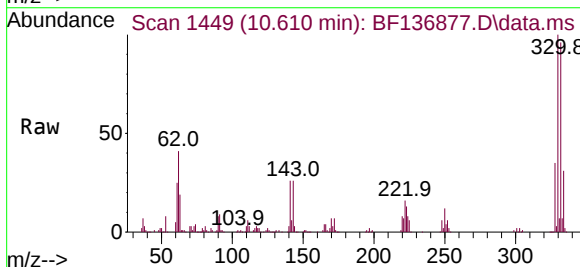
Tgt Ion:248 Resp: 12019

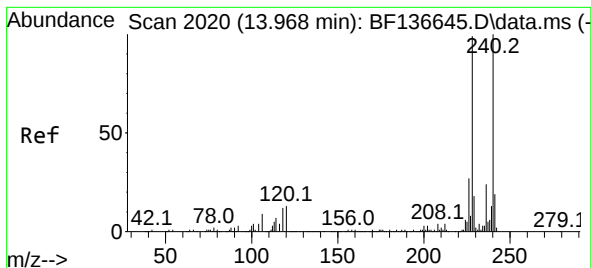
Ion Ratio Lower Upper

248 100

250 207.4 77.8 116.6#

141 444.0 59.2 88.8#

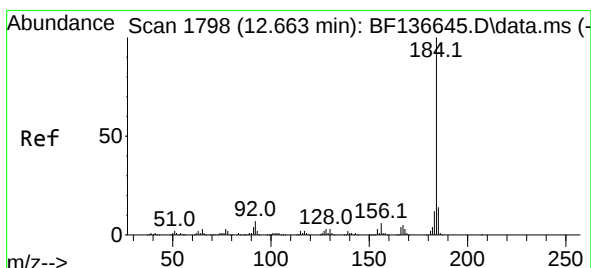
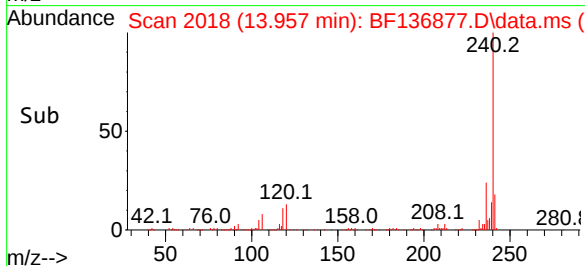
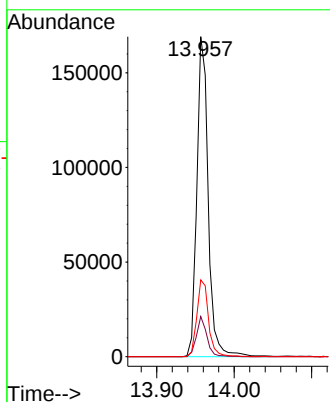
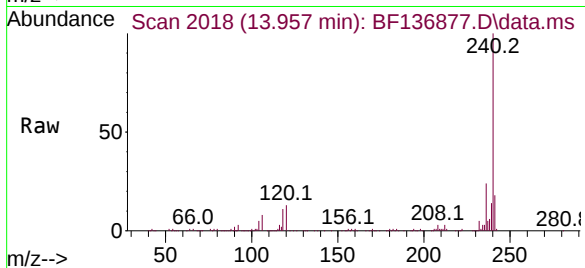




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF136877.D
Acq: 02 Jan 2024 18:20

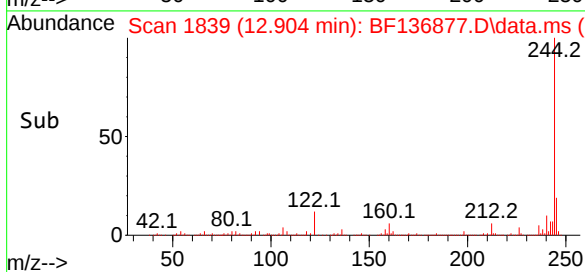
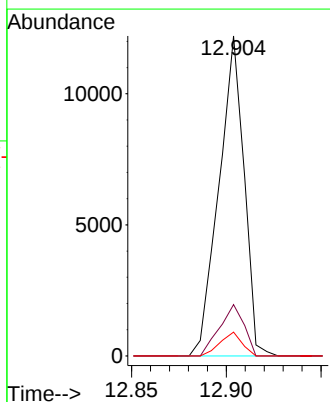
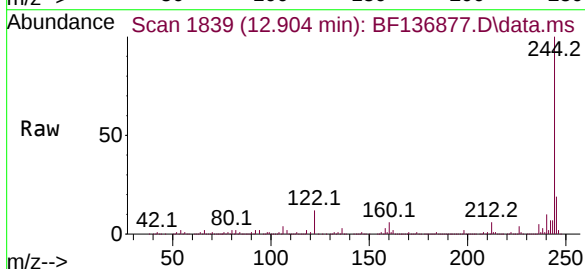
Instrument :
BNA_F
ClientSampleId :
PB158150TB

Tgt Ion:240 Resp: 171611
Ion Ratio Lower Upper
240 100
120 12.5 10.3 15.5
236 24.0 19.4 29.2



#77
Benzidine
Concen: 2.224 ng
RT: 12.904 min Scan# 1839
Delta R.T. 0.241 min
Lab File: BF136877.D
Acq: 02 Jan 2024 18:20

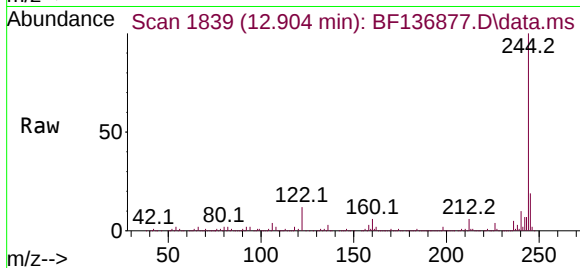
Tgt Ion:184 Resp: 11252
Ion Ratio Lower Upper
184 100
185 16.1 11.2 16.8
183 7.5 9.3 13.9#



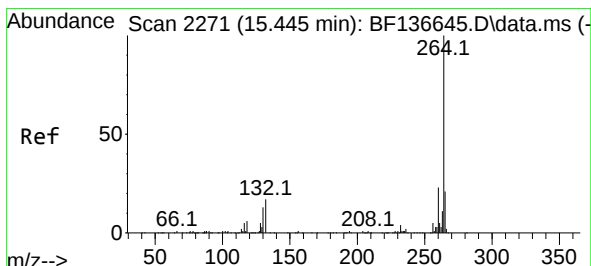
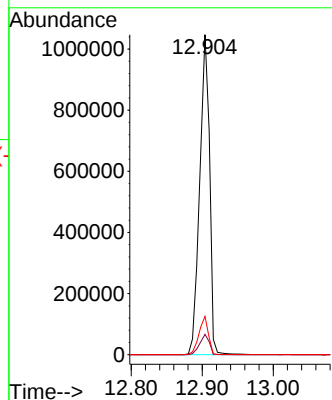
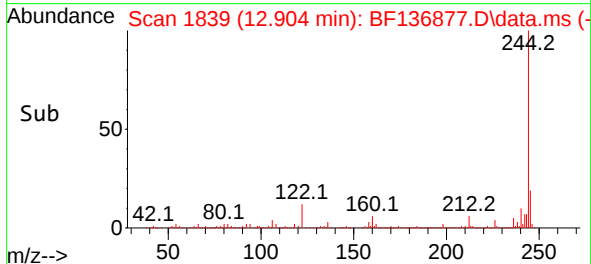


#79
 Terphenyl-d14
 Concen: 82.640 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF136877.D
 Acq: 02 Jan 2024 18:20

Instrument :
 BNA_F
 ClientSampleId :
 PB158150TB



Tgt Ion:244 Resp: 1014831
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 12.0 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.006 min
 Lab File: BF136877.D
 Acq: 02 Jan 2024 18:20

Tgt Ion:264 Resp: 153541
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.3 27.5
 265 22.3 17.0 25.6

