

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 :

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)

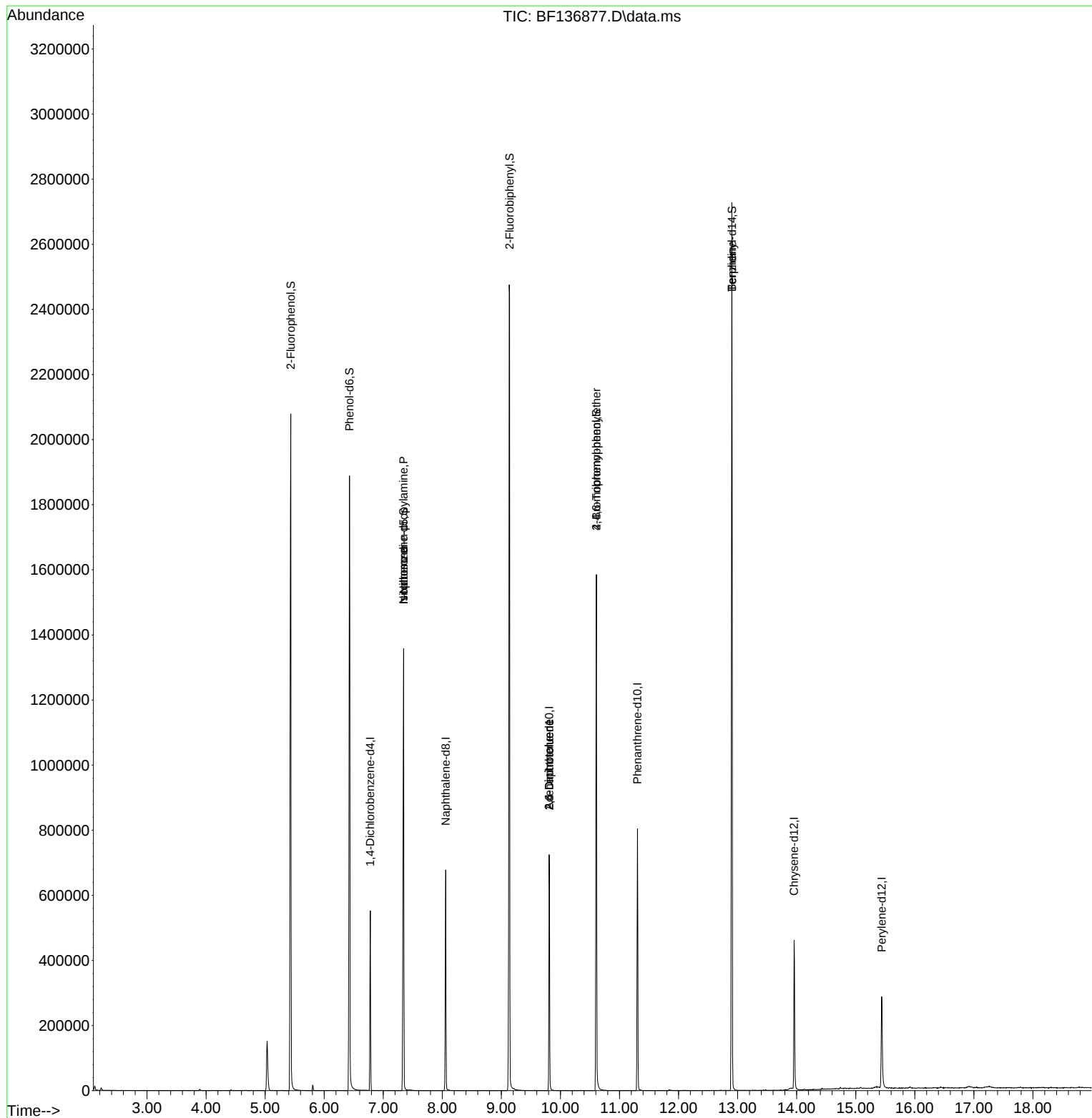
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	75200	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	295089	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	150838	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	296708	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	171611	20.000	ng	-0.01
86) Perylene-d12	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						
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

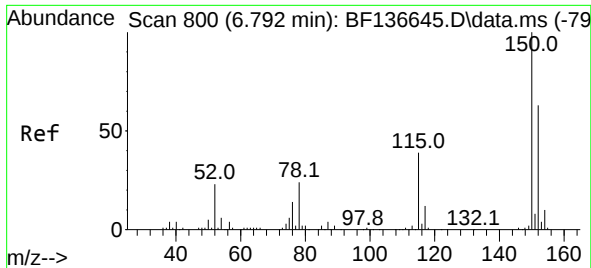
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Instrument :
BNA_F
ClientSampleId :

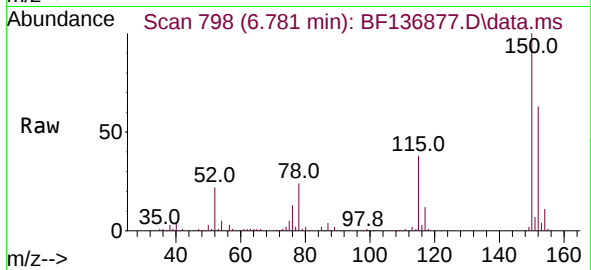
Quant Time: Jan 03 02:01:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration



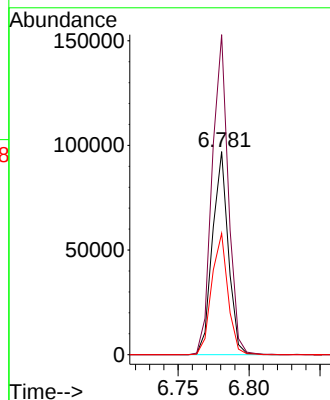
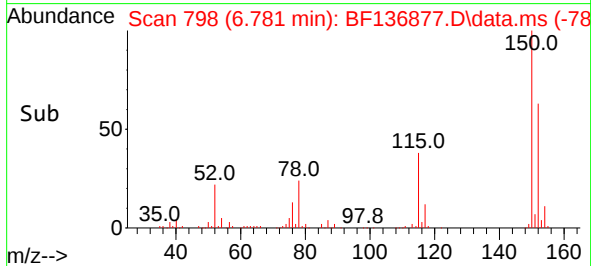


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF136877.D
 Acq: 02 Jan 2024 18:20

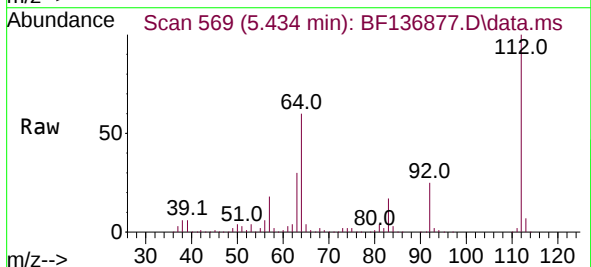
Instrument :
 BNA_F
 ClientSampleId :



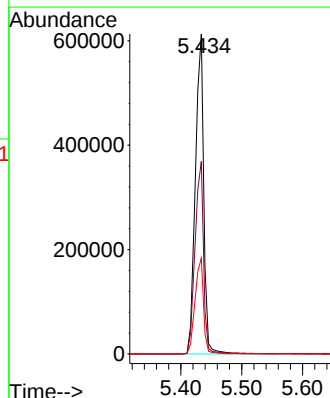
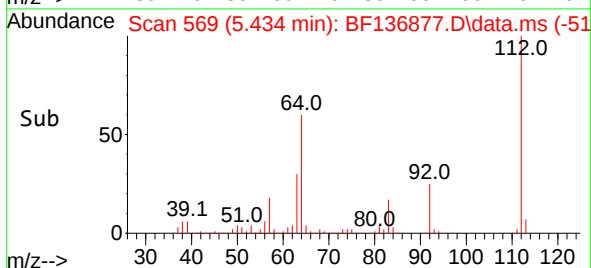
Tgt Ion:152 Resp: 75200
 Ion Ratio Lower Upper
 152 100
 150 157.6 127.0 190.6
 115 59.8 49.0 73.4

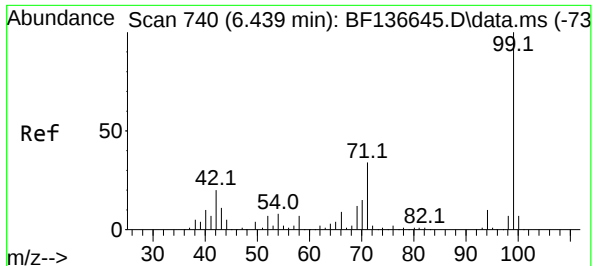


#5
 2-Fluorophenol
 Concen: 121.853 ng
 RT: 5.434 min Scan# 569
 Delta R.T. 0.006 min
 Lab File: BF136877.D
 Acq: 02 Jan 2024 18:20



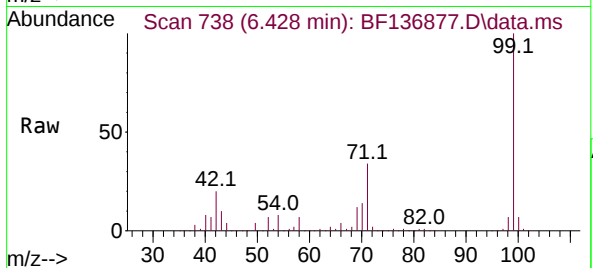
Tgt Ion:112 Resp: 587289
 Ion Ratio Lower Upper
 112 100
 64 60.2 51.1 76.7
 63 30.0 26.1 39.1



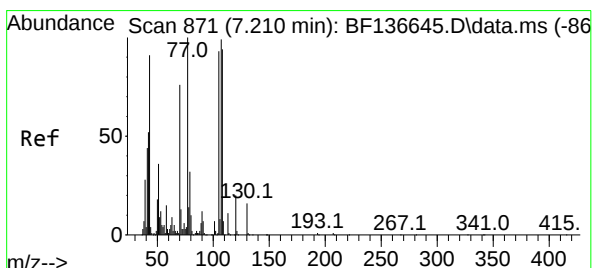
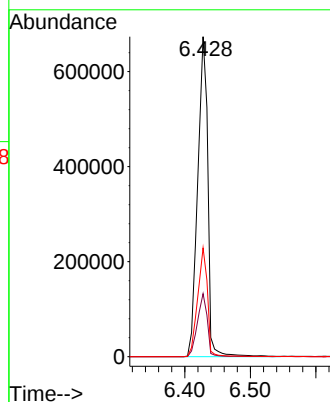
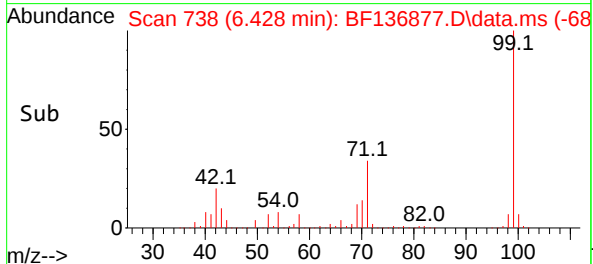


#7
Phenol-d6
Concen: 115.985 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136877.D
Acq: 02 Jan 2024 18:20

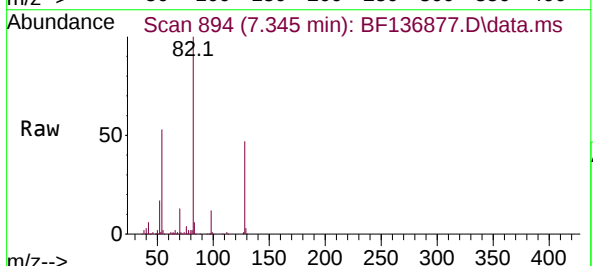
Instrument :
BNA_F
ClientSampleId :



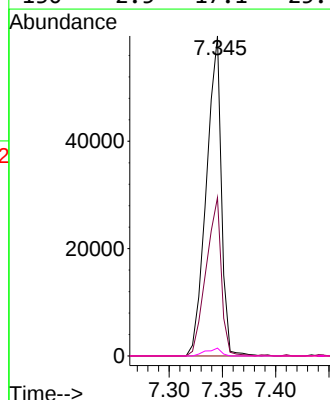
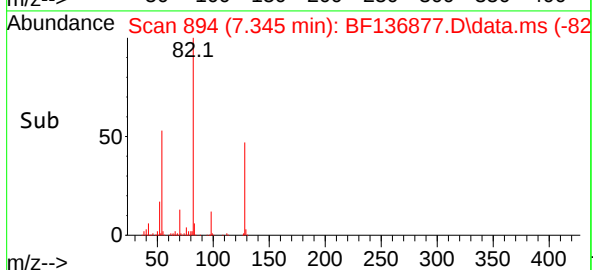
Tgt Ion: 99 Resp: 724336
Ion Ratio Lower Upper
99 100
42 19.7 16.1 24.1
71 34.0 27.4 41.2



#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



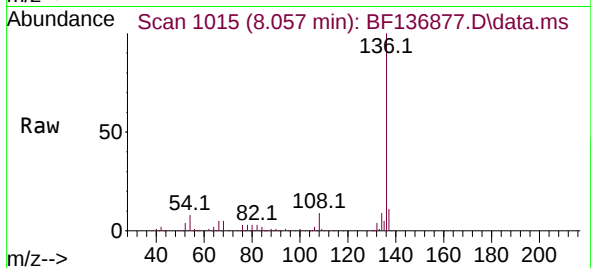
Tgt Ion: 70 Resp: 58488
Ion Ratio Lower Upper
70 100
42 49.5 54.2 81.4#
101 0.0 7.6 11.4#
130 2.5 17.1 25.7#



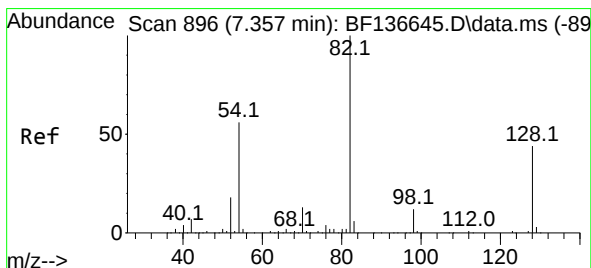
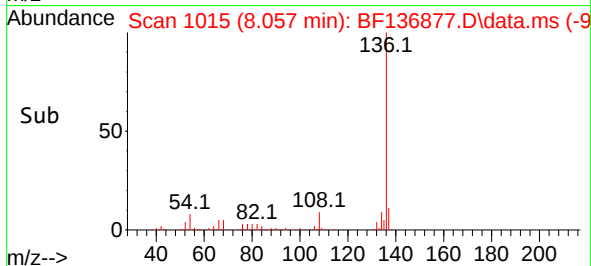
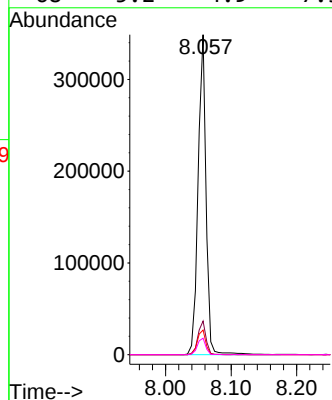


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF136877.D
Acq: 02 Jan 2024 18:20

Instrument :
BNA_F
ClientSampleId :

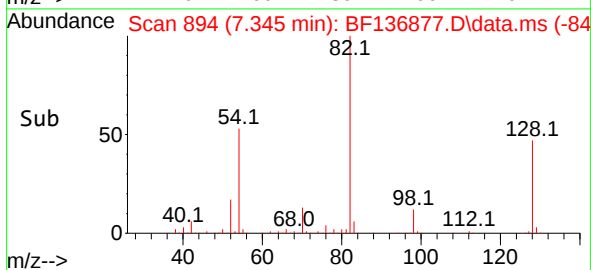
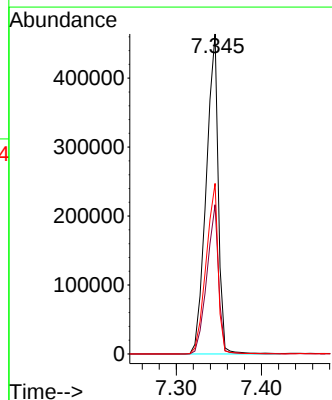
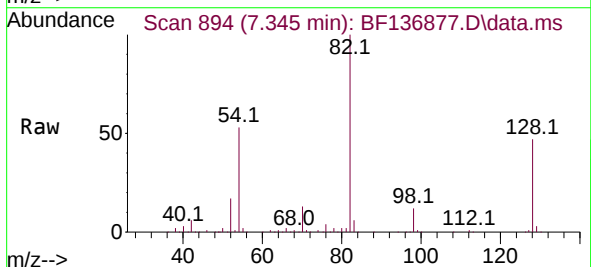


Tgt Ion:	136	Resp:	295089
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.4
54	7.7	7.2	10.8
68	5.2	4.9	7.3



#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

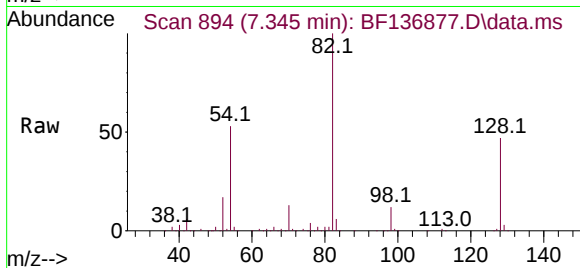
Tgt Ion:	82	Resp:	456317
Ion	Ratio	Lower	Upper
82	100		
128	46.6	35.3	52.9
54	53.3	44.5	66.7



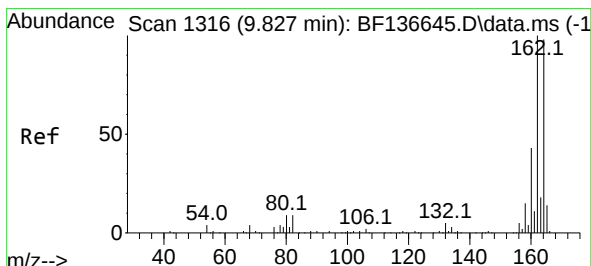
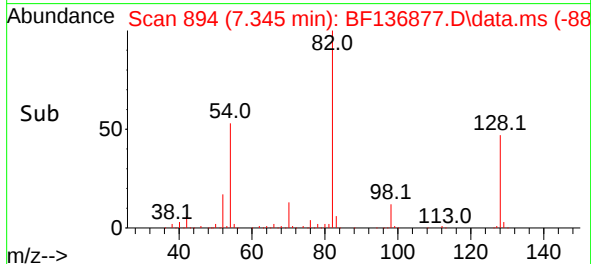
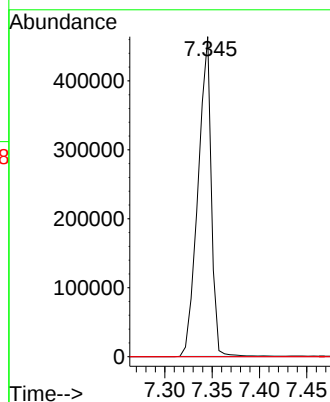


#25
Isophorone
Concen: 43.173 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF136877.D
Acq: 02 Jan 2024 18:20

Instrument :
BNA_F
ClientSampleId :

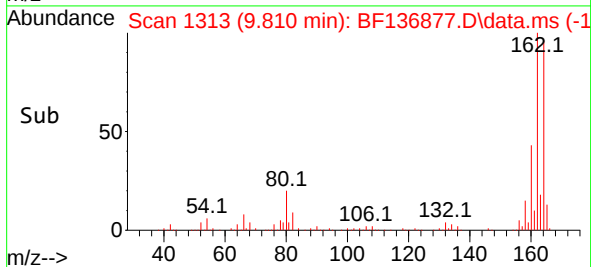
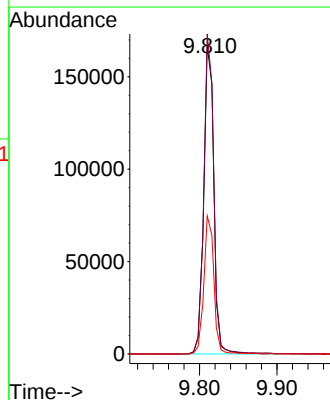
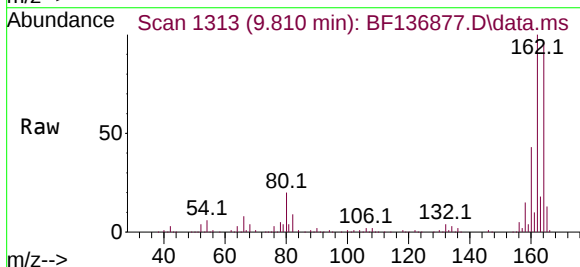


Tgt Ion: 82 Resp: 453024
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#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



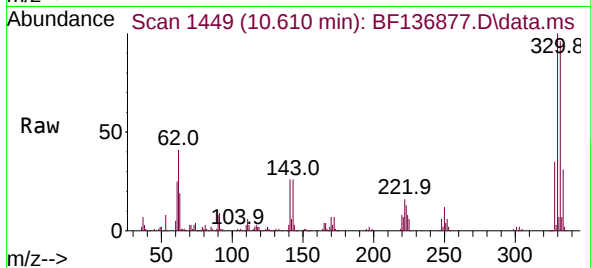


#42
2,4,6-Tribromophenol
Concen: 115.680 ng
RT: 10.610 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF136877.D
Acq: 02 Jan 2024 18:20

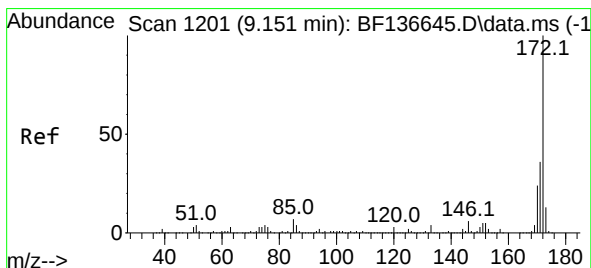
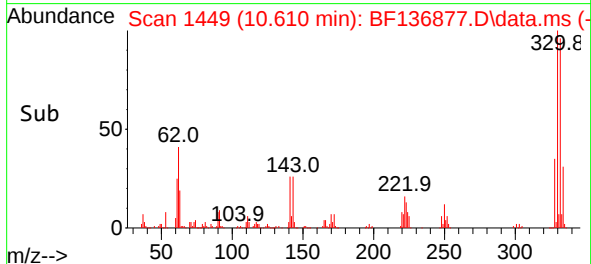
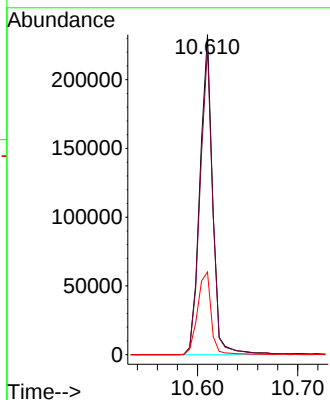
Instrument :

BNA_F

ClientSampleId :

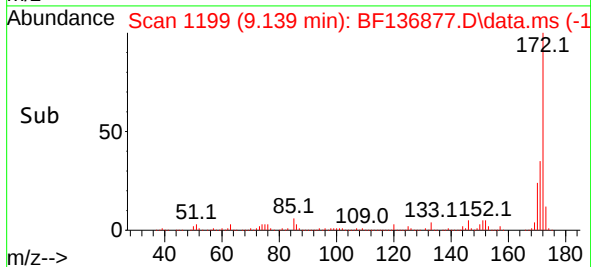
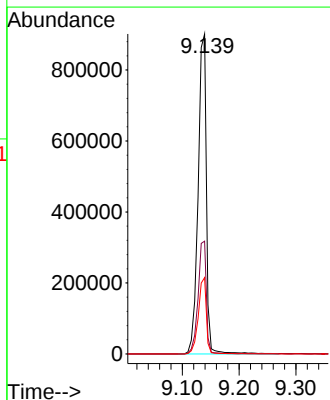
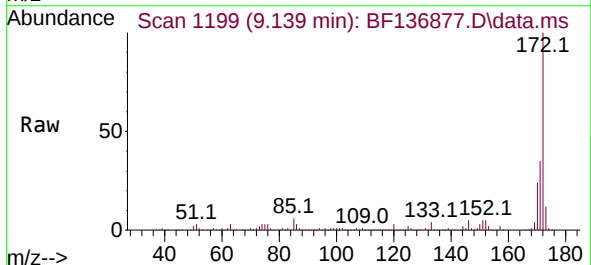


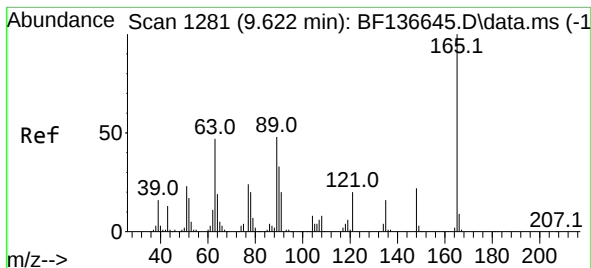
Tgt Ion:330 Resp: 205501
Ion Ratio Lower Upper
330 100
332 96.6 77.4 116.0
141 28.0 23.4 35.2



#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# 1

Delta R.T. 0.188 min

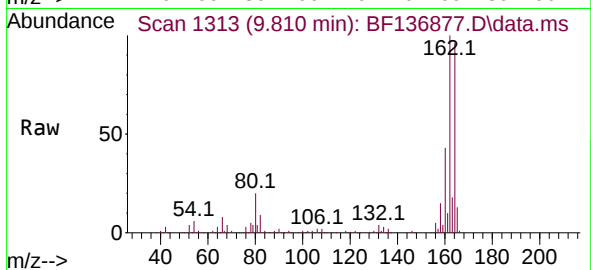
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Acq: 02 Jan 2024 18:20

Instrument :

BNA_F

ClientSampleId :



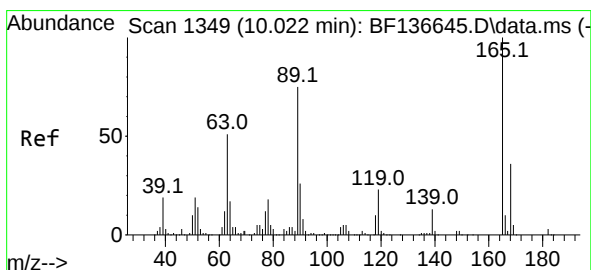
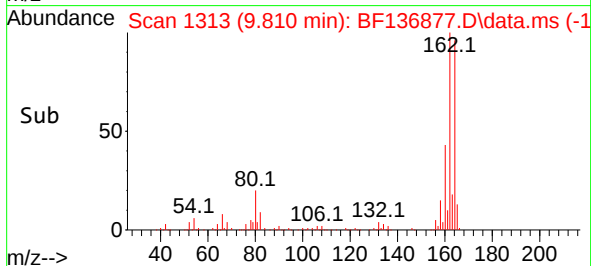
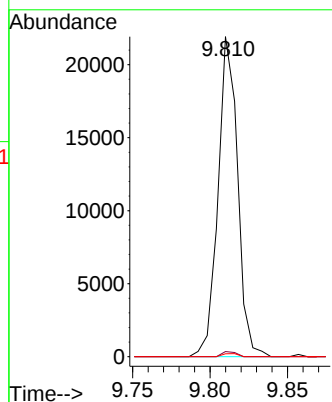
Tgt Ion:165 Resp: 19257

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

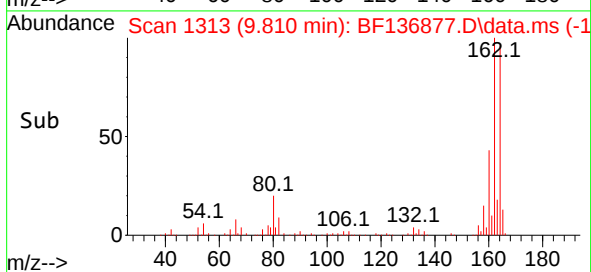
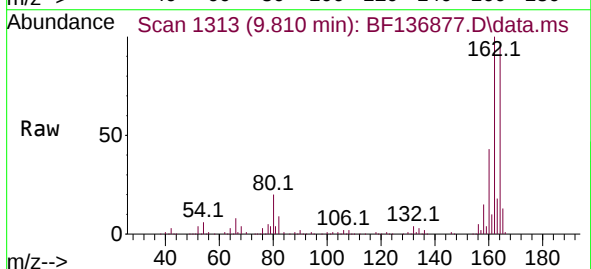
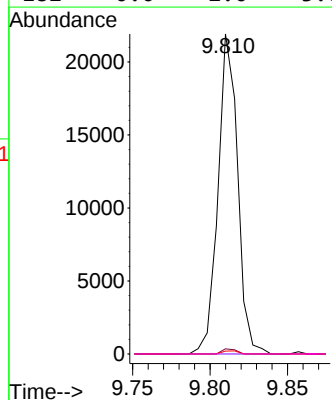
Ion Ratio Lower Upper

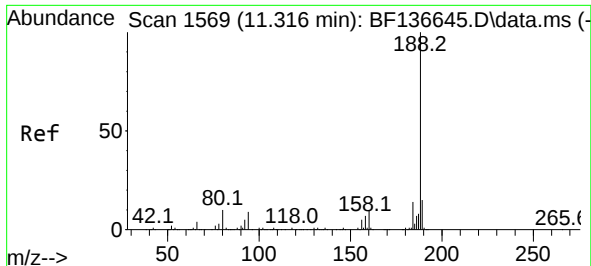
165 100

63 1.6 41.0 61.6#

89 0.9 59.9 89.9#

182 0.0 2.0 3.0#

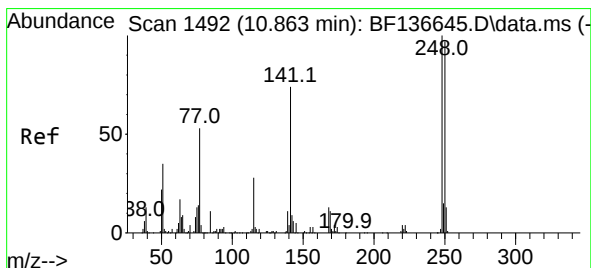
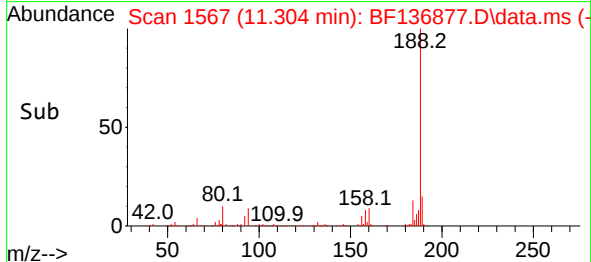
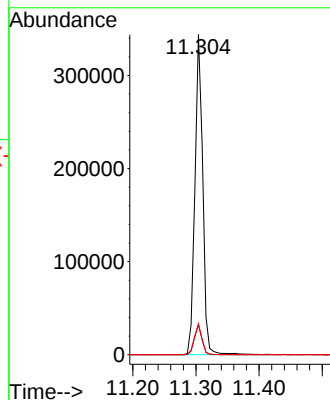
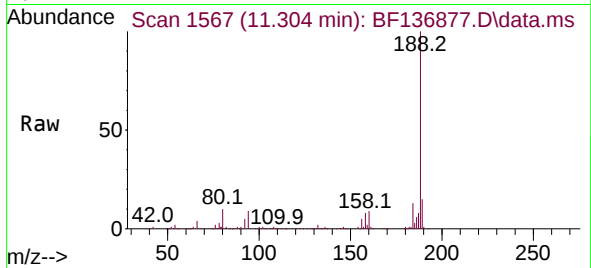




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136877.D
Acq: 02 Jan 2024 18:20

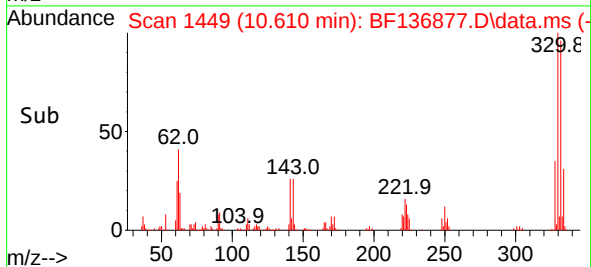
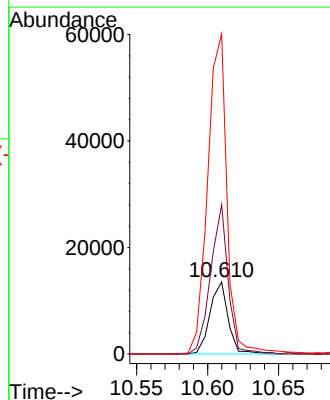
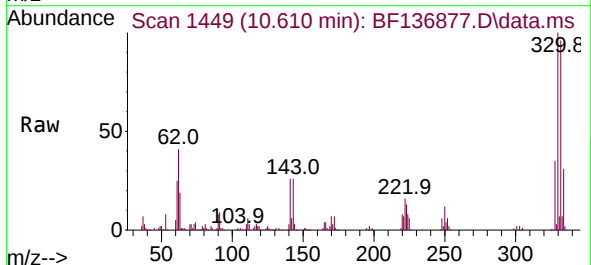
Instrument :
BNA_F
ClientSampleId :

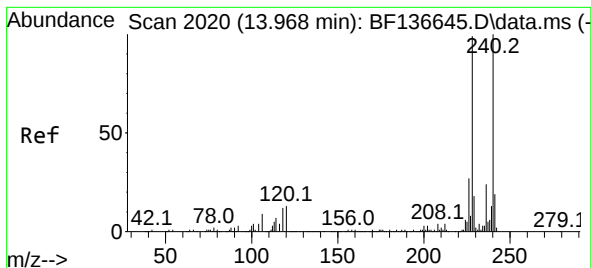
Tgt Ion:188 Resp: 296708
Ion Ratio Lower Upper
188 100
94 9.3 7.5 11.3
80 9.7 8.1 12.1



#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 :

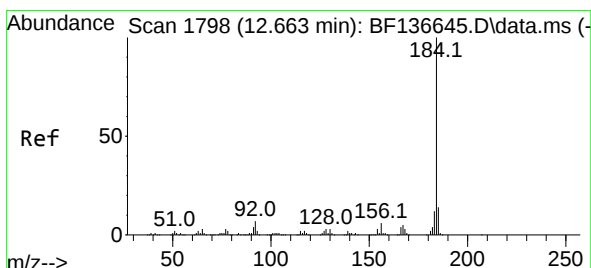
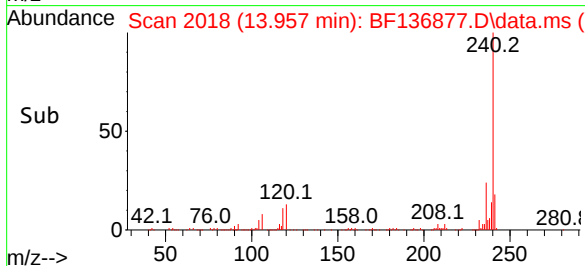
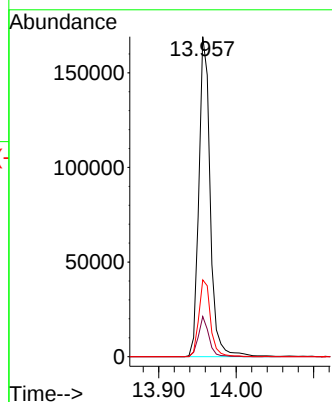
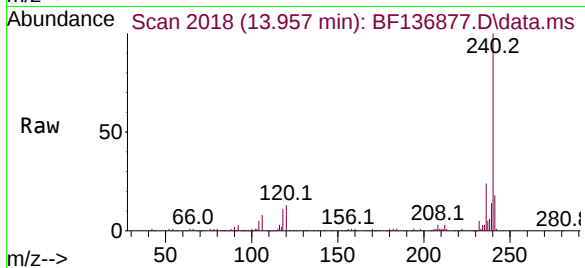
Tgt Ion:240 Resp: 171611

Ion Ratio Lower Upper

240 100

120 12.5 10.3 15.5

236 24.0 19.4 29.2



#77

Benzdine

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

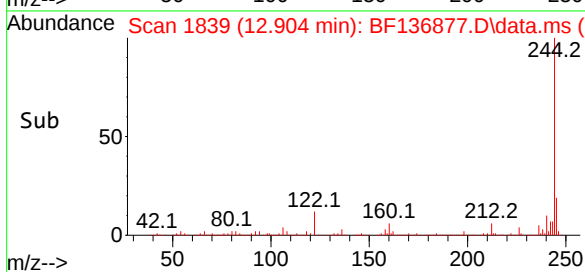
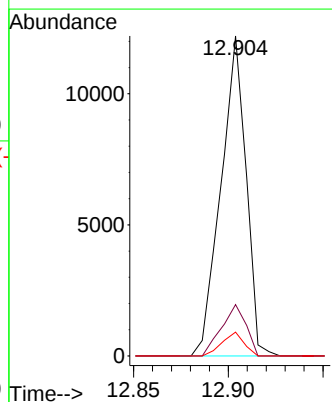
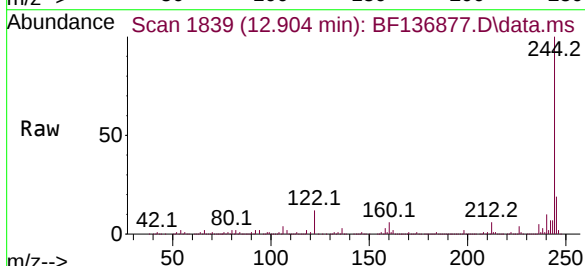
Tgt Ion:184 Resp: 11252

Ion Ratio Lower Upper

184 100

185 16.1 11.2 16.8

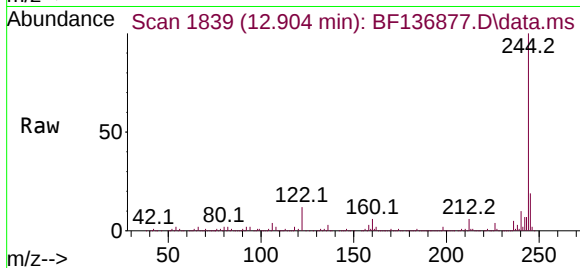
183 7.5 9.3 13.9#



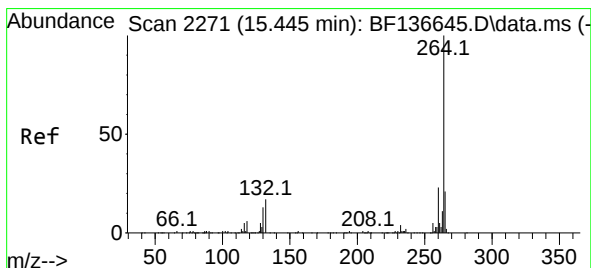
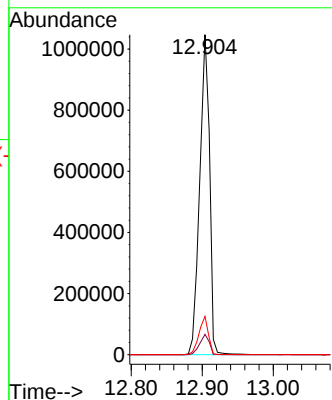
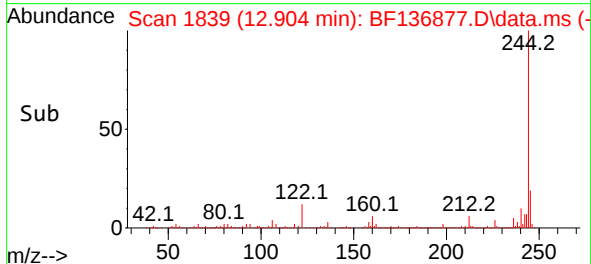


#79
 Terphenyl-d14
 Concen: 82.640 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF136877.D
 Acq: 02 Jan 2024 18:20

Instrument :
 BNA_F
 ClientSampleId :



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

