

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080624\
 Data File : BF138817.D
 Acq On : 06 Aug 2024 20:45
 Operator : RC/JU
 Sample : P3458-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MLS-15-224-239

Quant Time: Aug 07 01:05:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

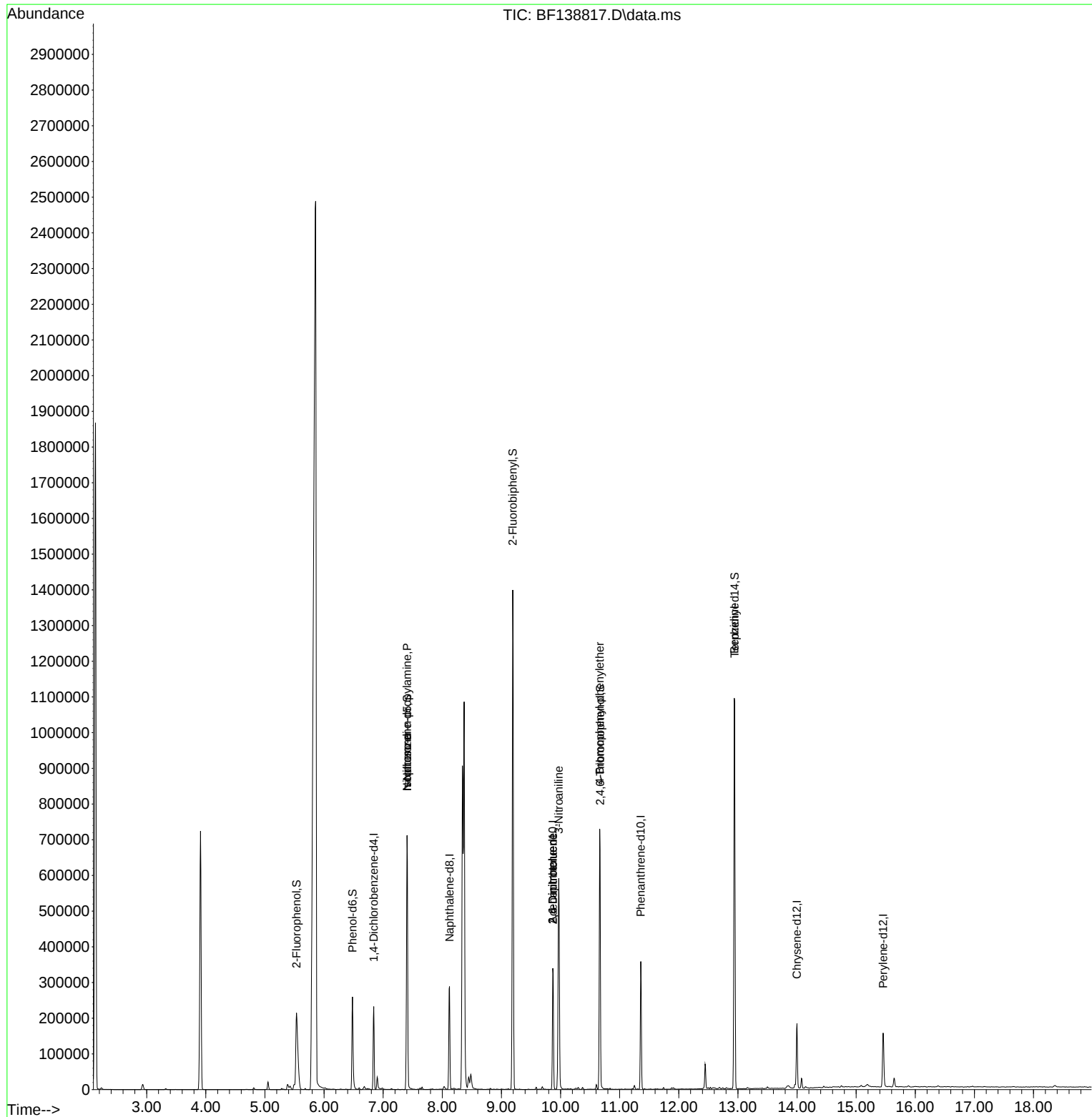
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	44109	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	176574	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	99622	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	177871	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	81862	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	87609	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	142421	49.842	ng	0.06
7) Phenol-d6	6.481	99	111157	28.974	ng	0.00
23) Nitrobenzene-d5	7.404	82	318036	88.061	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	108430	132.874	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	598083	90.203	ng	-0.01
79) Terphenyl-d14	12.945	244	537461	109.923	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	42737	18.444	ng	# 78
25) Isophorone	7.404	82	317600	51.501	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	12963	9.017	ng	# 22
53) 3-Nitroaniline	9.969	138	5889	3.963	ng	# 1
57) 2,4-Dinitrotoluene	9.869	165	12963	7.068	ng	# 19
67) 4-Bromophenyl-phenylether	10.663	248	8134	4.224	ng	# 1
77) Benzidine	12.939	184	7522	3.842	ng	# 93

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

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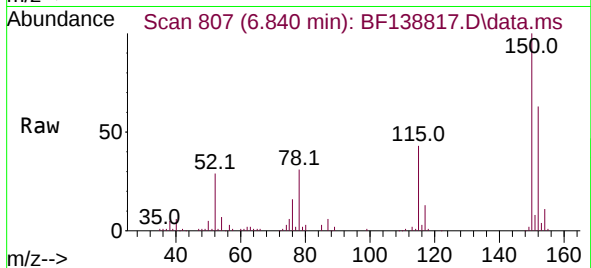
Quant Time: Aug 07 01:05:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
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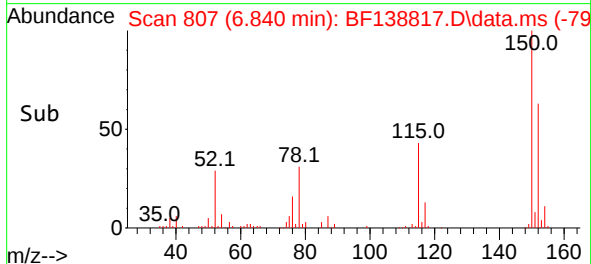
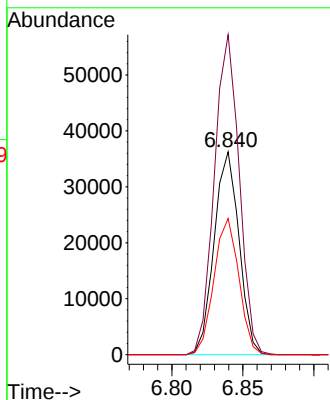


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138817.D
Acq: 06 Aug 2024 20:45

Instrument :
BNA_F
ClientSampleId :
MLS-15-224-239

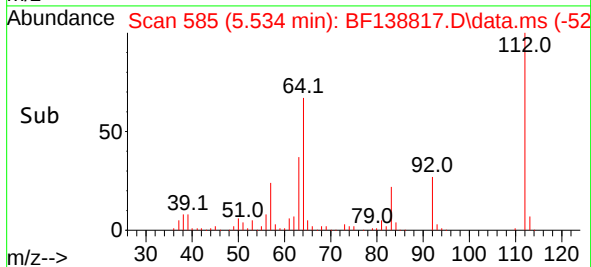
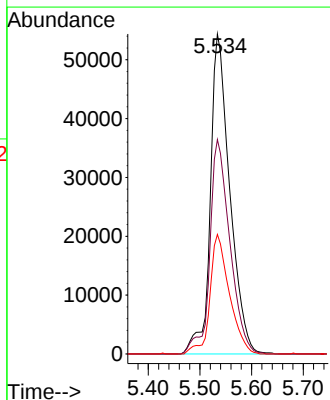
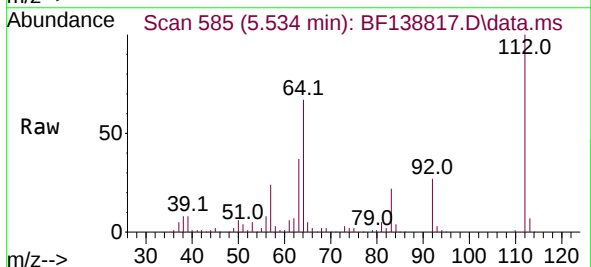


Tgt Ion:152 Resp: 44109
Ion Ratio Lower Upper
152 100
150 157.7 126.0 189.0
115 67.1 51.7 77.5



#5
2-Fluorophenol
Concen: 49.842 ng
RT: 5.534 min Scan# 585
Delta R.T. 0.065 min
Lab File: BF138817.D
Acq: 06 Aug 2024 20:45

Tgt Ion:112 Resp: 142421
Ion Ratio Lower Upper
112 100
64 67.0 54.2 81.4
63 37.3 28.7 43.1

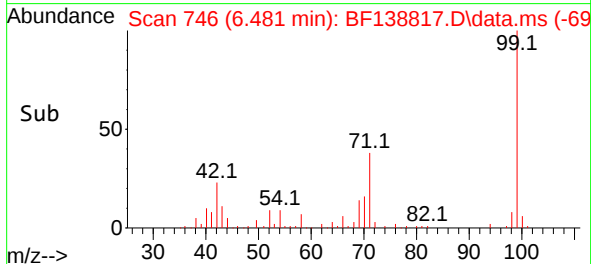
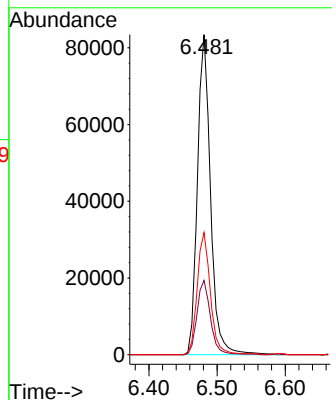
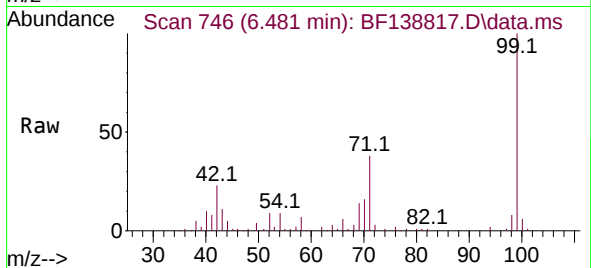




#7
Phenol-d6
Concen: 28.974 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138817.D
Acq: 06 Aug 2024 20:45

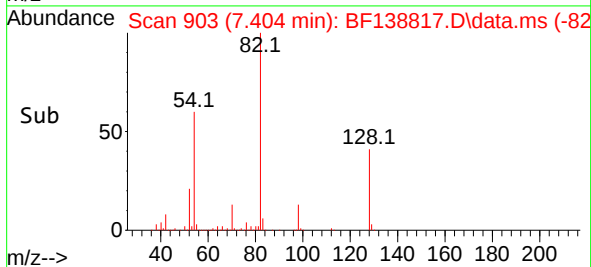
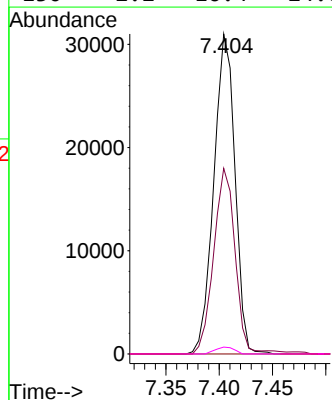
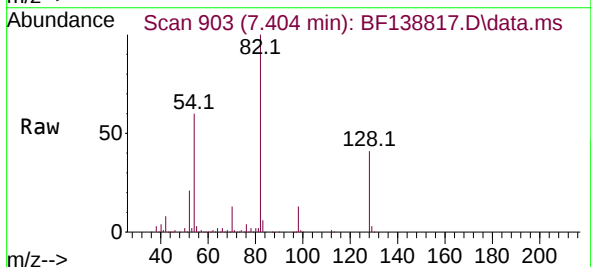
Instrument :
BNA_F
ClientSampleId :
MLS-15-224-239

Tgt Ion: 99 Resp: 111157
Ion Ratio Lower Upper
99 100
42 23.2 17.4 26.0
71 38.1 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 18.444 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138817.D
Acq: 06 Aug 2024 20:45

Tgt Ion: 70 Resp: 42737
Ion Ratio Lower Upper
70 100
42 58.0 57.4 86.0
101 0.0 7.5 11.3#
130 2.2 16.4 24.6#



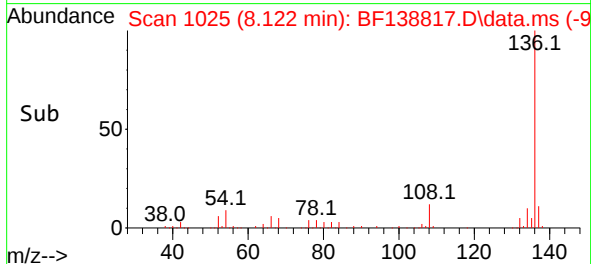
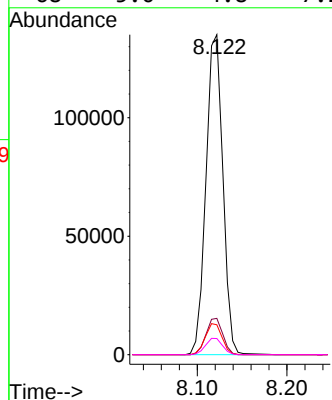
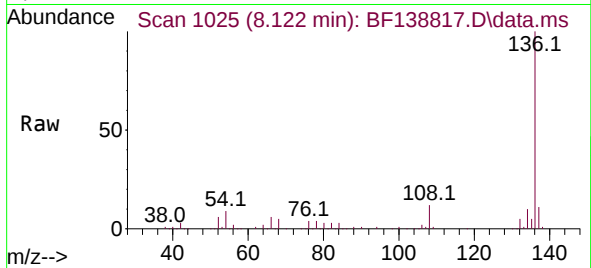


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138817.D
Acq: 06 Aug 2024 20:45

Instrument :
BNA_F
ClientSampleId :
MLS-15-224-239

Tgt Ion:136 Resp: 176574

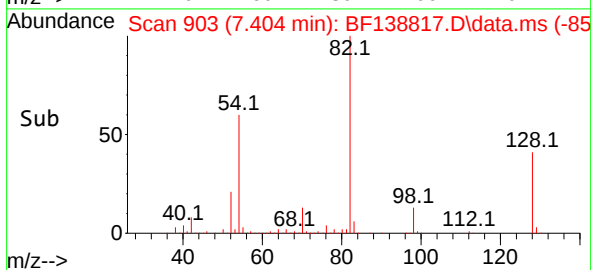
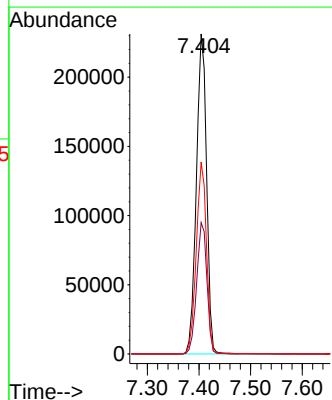
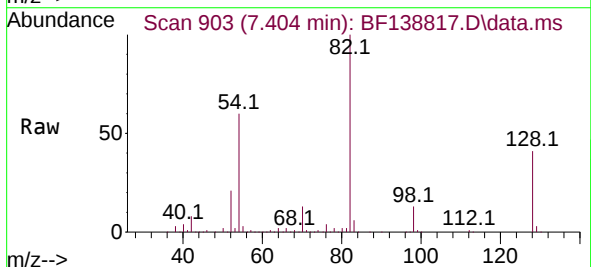
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	9.4	8.6	12.8
68	5.0	4.8	7.2



#23
Nitrobenzene-d5
Concen: 88.061 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138817.D
Acq: 06 Aug 2024 20:45

Tgt Ion: 82 Resp: 318036

Ion	Ratio	Lower	Upper
82	100		
128	41.0	32.8	49.2
54	60.0	48.3	72.5

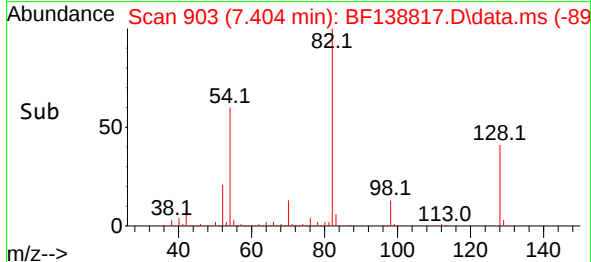
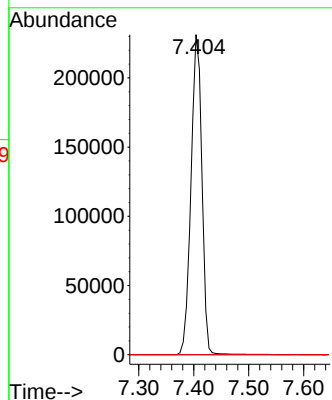
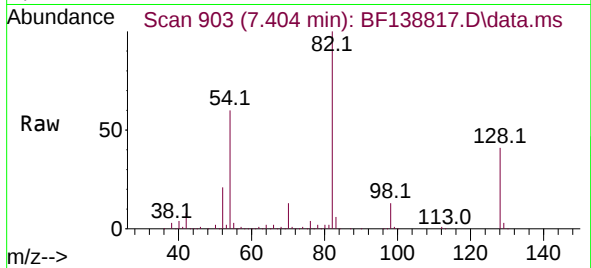




#25
Isophorone
Concen: 51.501 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138817.D
Acq: 06 Aug 2024 20:45

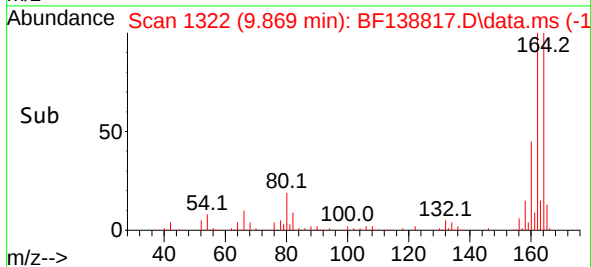
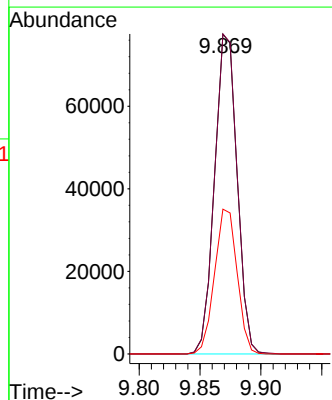
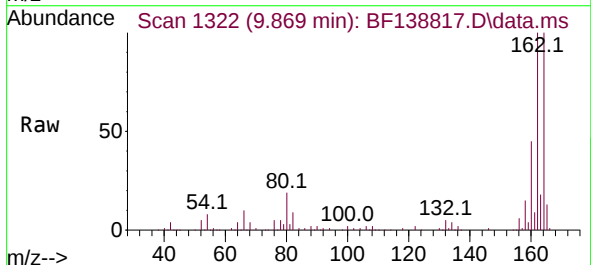
Instrument :
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MLS-15-224-239

Tgt Ion: 82 Resp: 317600
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF138817.D
Acq: 06 Aug 2024 20:45

Tgt Ion: 164 Resp: 99622
Ion Ratio Lower Upper
164 100
162 100.0 79.4 119.0
160 45.3 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 132.874 ng

RT: 10.669 min Scan# 1458

Delta R.T. 0.000 min

Lab File: BF138817.D

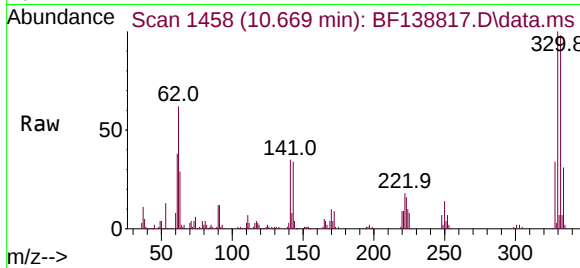
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Instrument :

BNA_F

ClientSampleId :

MLS-15-224-239



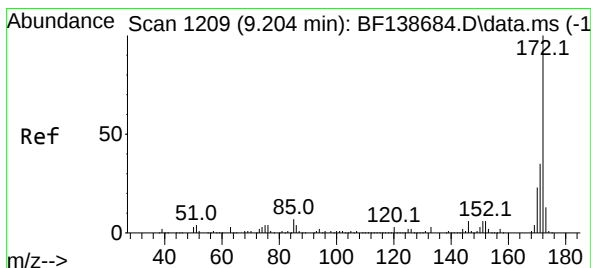
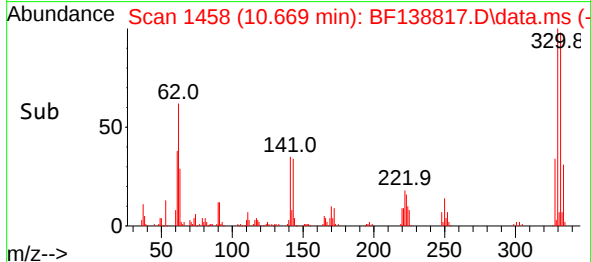
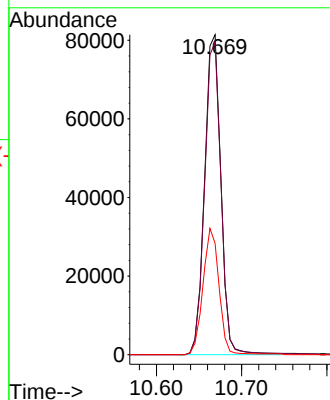
Tgt Ion:330 Resp: 108430

Ion Ratio Lower Upper

330 100

332 98.2 76.4 114.6

141 38.8 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 90.203 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BF138817.D

Acq: 06 Aug 2024 20:45

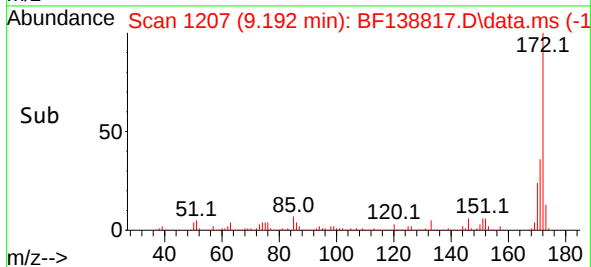
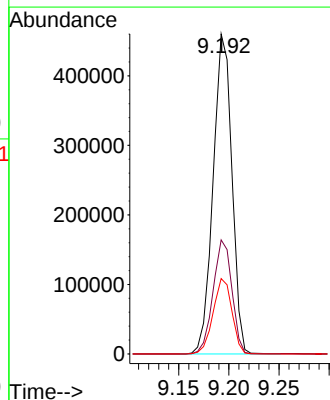
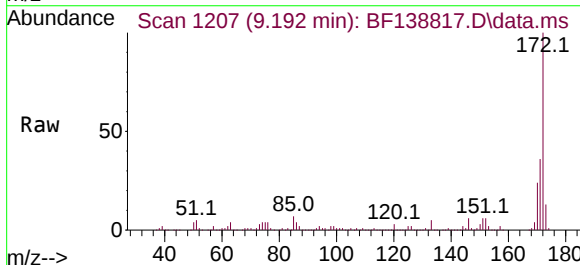
Tgt Ion:172 Resp: 598083

Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 23.6 18.8 28.2

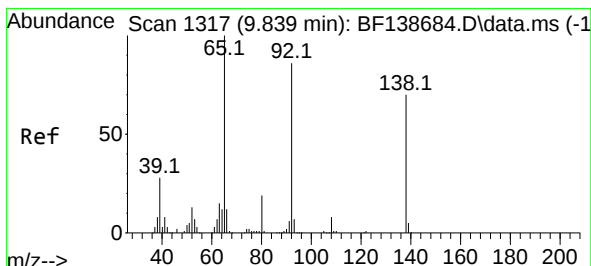
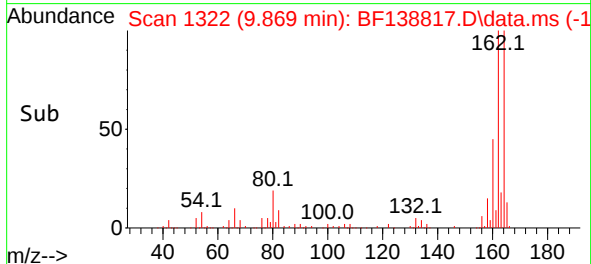
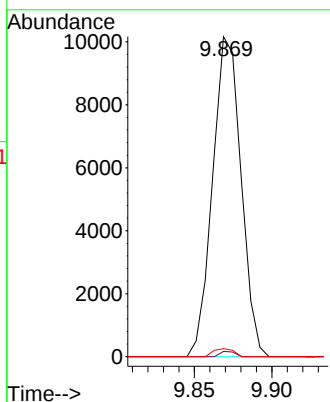
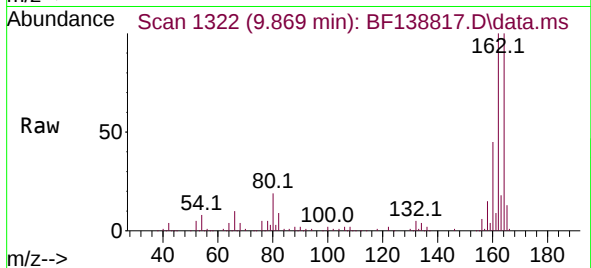




#51
2,6-Dinitrotoluene
Concen: 9.017 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138817.D
Acq: 06 Aug 2024 20:45

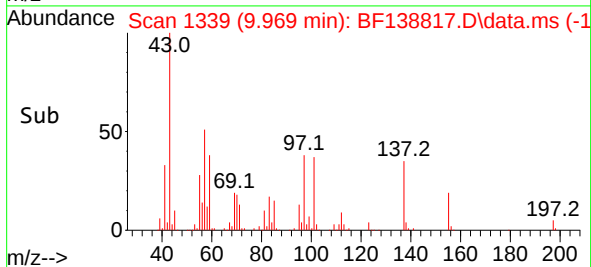
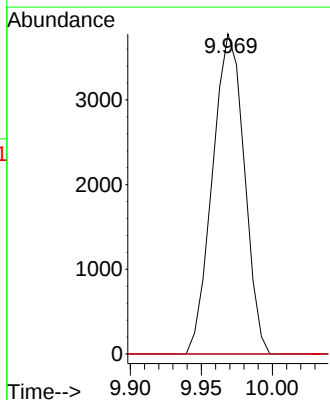
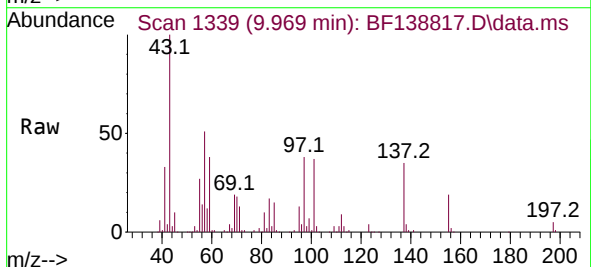
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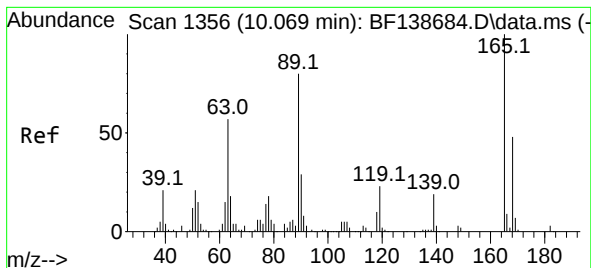
Tgt Ion:165 Resp: 12963
Ion Ratio Lower Upper
165 100
63 1.6 52.0 78.0#
89 2.5 47.0 70.6#



#53
3-Nitroaniline
Concen: 3.963 ng
RT: 9.969 min Scan# 1339
Delta R.T. 0.129 min
Lab File: BF138817.D
Acq: 06 Aug 2024 20:45

Tgt Ion:138 Resp: 5889
Ion Ratio Lower Upper
138 100
108 0.0 9.1 13.7#
92 0.0 98.7 148.1#

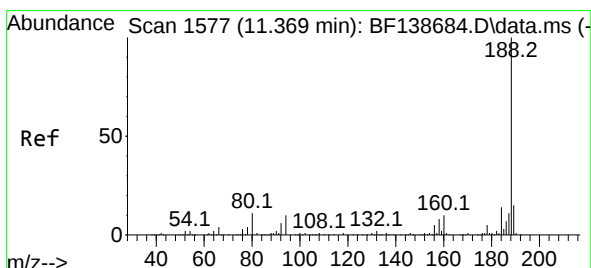
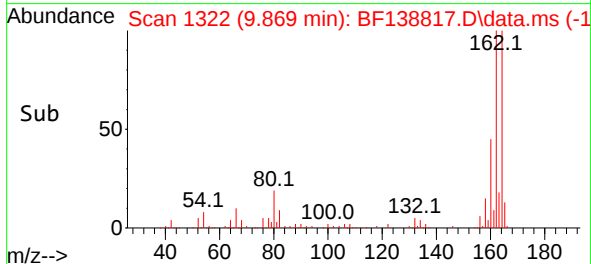
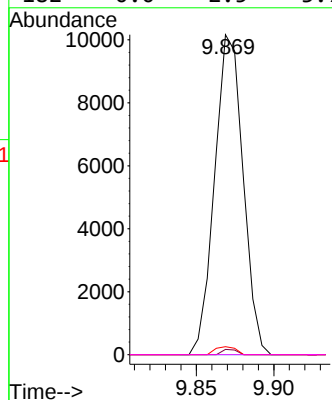
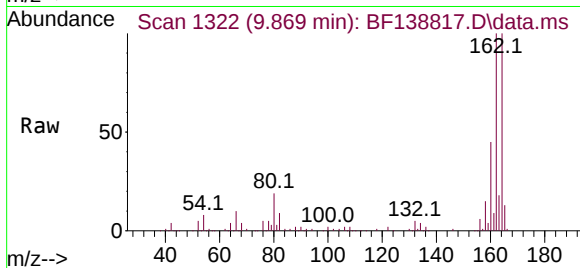




#57
2,4-Dinitrotoluene
Concen: 7.068 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF138817.D
Acq: 06 Aug 2024 20:45

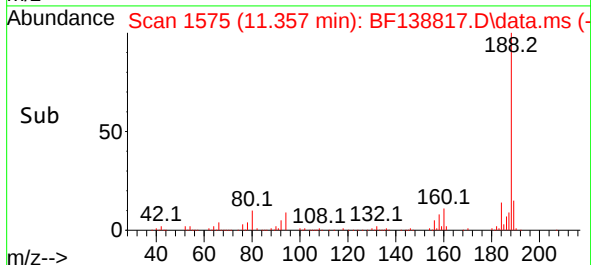
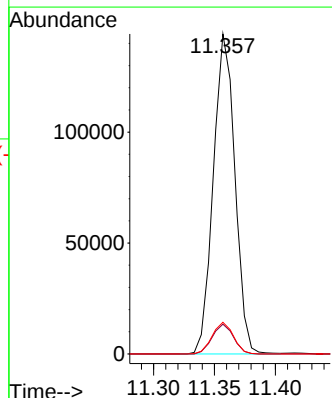
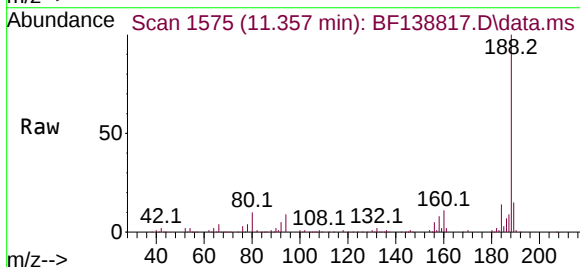
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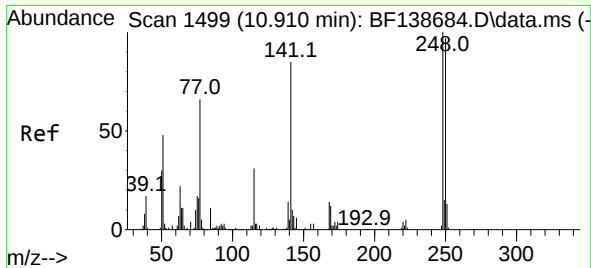
Tgt Ion:165 Resp: 12963
Ion Ratio Lower Upper
165 100
63 1.6 46.3 69.5#
89 2.5 64.2 96.4#
182 0.0 2.5 3.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BF138817.D
Acq: 06 Aug 2024 20:45

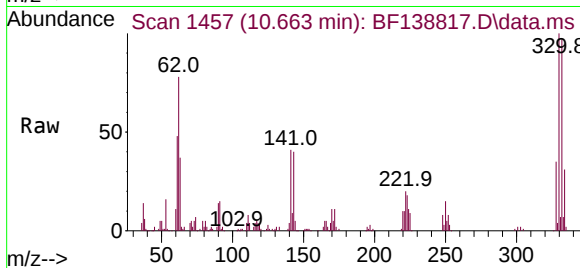
Tgt Ion:188 Resp: 177871
Ion Ratio Lower Upper
188 100
94 9.3 7.6 11.4
80 9.9 8.6 12.8



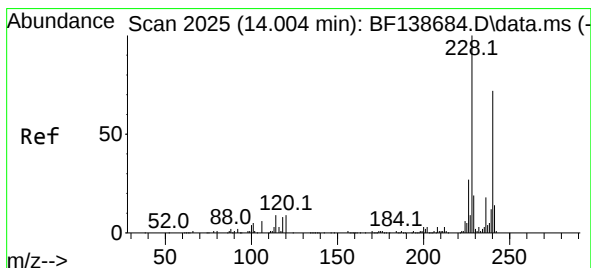
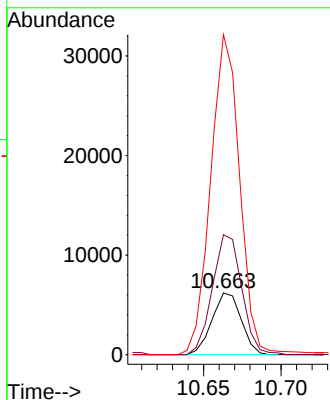
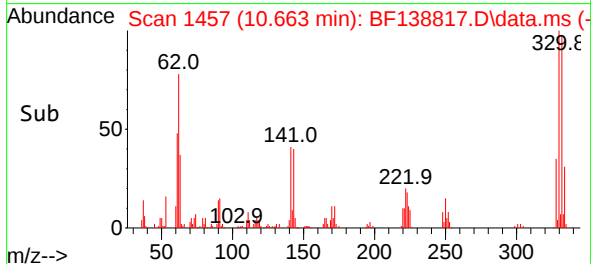


#67
4-Bromophenyl-phenylether
Concen: 4.224 ng
RT: 10.663 min Scan# 1499
Delta R.T. -0.247 min
Lab File: BF138817.D
Acq: 06 Aug 2024 20:45

Instrument :
BNA_F
ClientSampleId :
MLS-15-224-239

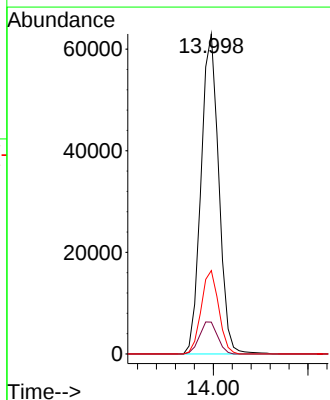
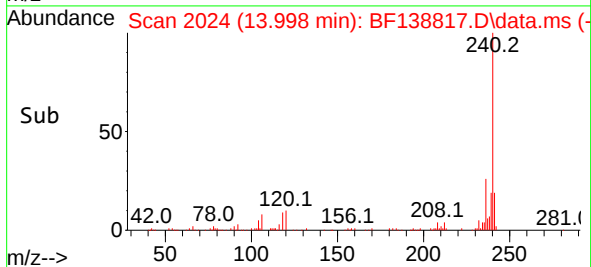
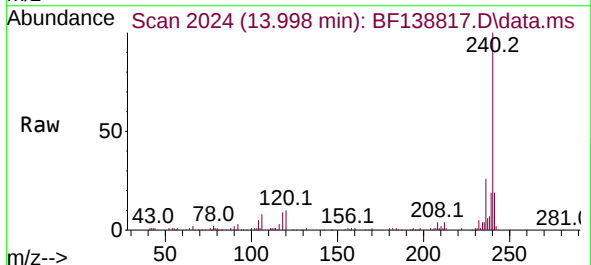


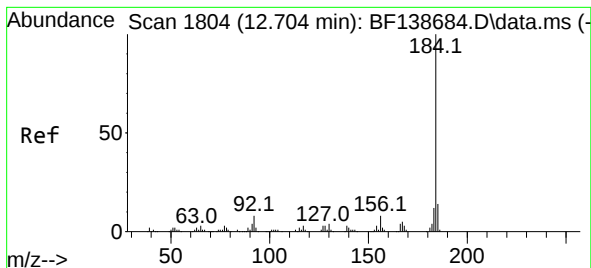
Tgt Ion:248 Resp: 8134
Ion Ratio Lower Upper
248 100
250 194.1 77.7 116.5#
141 517.7 68.0 102.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138817.D
Acq: 06 Aug 2024 20:45

Tgt Ion:240 Resp: 81862
Ion Ratio Lower Upper
240 100
120 10.0 10.2 15.4#
236 26.1 19.8 29.8





#77

Benzidine

Concen: 3.842 ng

RT: 12.939 min Scan# 1844

Delta R.T. 0.235 min

Lab File: BF138817.D

Acq: 06 Aug 2024 20:45

Instrument :

BNA_F

ClientSampleId :

MLS-15-224-239

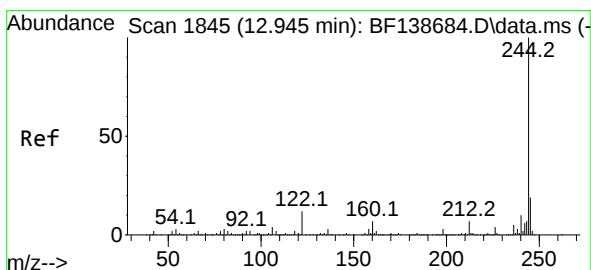
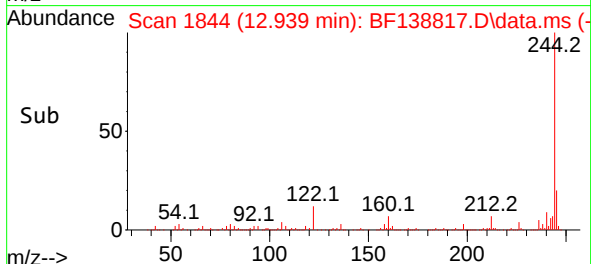
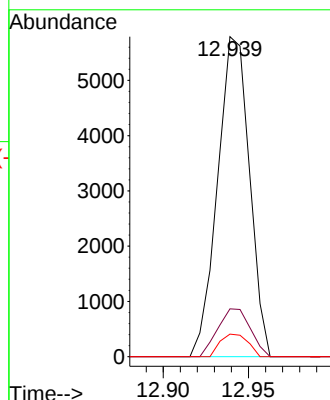
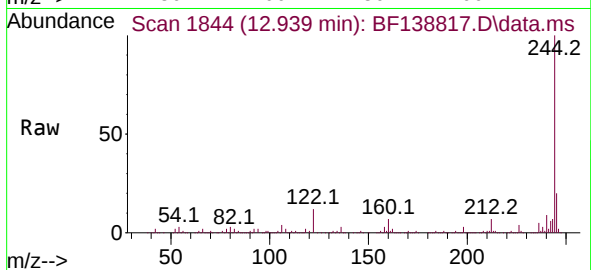
Tgt Ion:184 Resp: 7522

Ion Ratio Lower Upper

184 100

185 15.0 11.1 16.7

183 7.1 9.6 14.4#



#79

Terphenyl-d14

Concen: 109.923 ng

RT: 12.945 min Scan# 1845

Delta R.T. 0.000 min

Lab File: BF138817.D

Acq: 06 Aug 2024 20:45

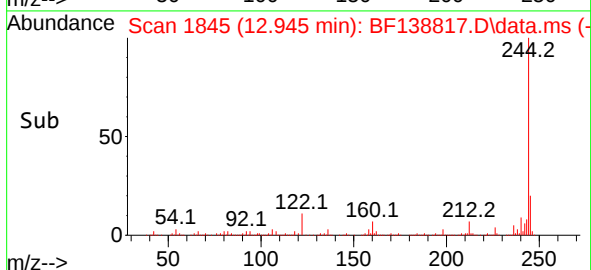
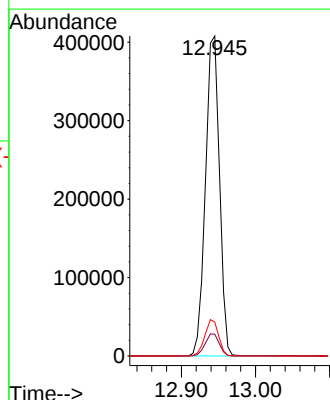
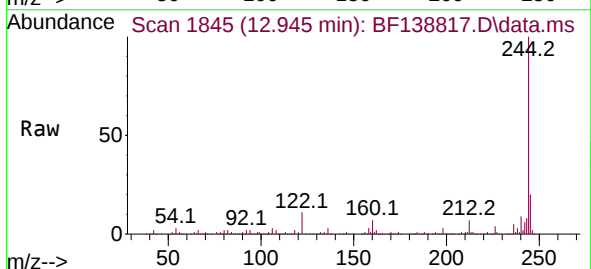
Tgt Ion:244 Resp: 537461

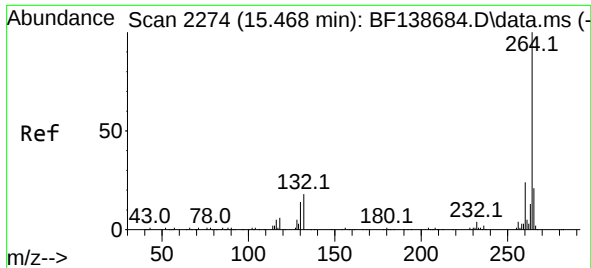
Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

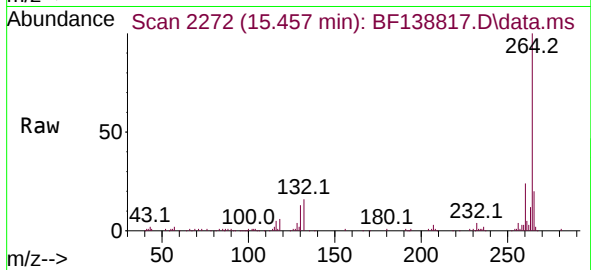
122 10.7 9.6 14.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF138817.D
Acq: 06 Aug 2024 20:45

Instrument :
BNA_F
ClientSampleId :
MLS-15-224-239



Tgt Ion:264 Resp: 87609

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.6
265	20.4	17.0	25.6

