

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080924\
 Data File : BF138891.D
 Acq On : 09 Aug 2024 16:33
 Operator : RC/JU
 Sample : P3469-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MLS-15-625-640

Quant Time: Aug 09 16:59:50 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)

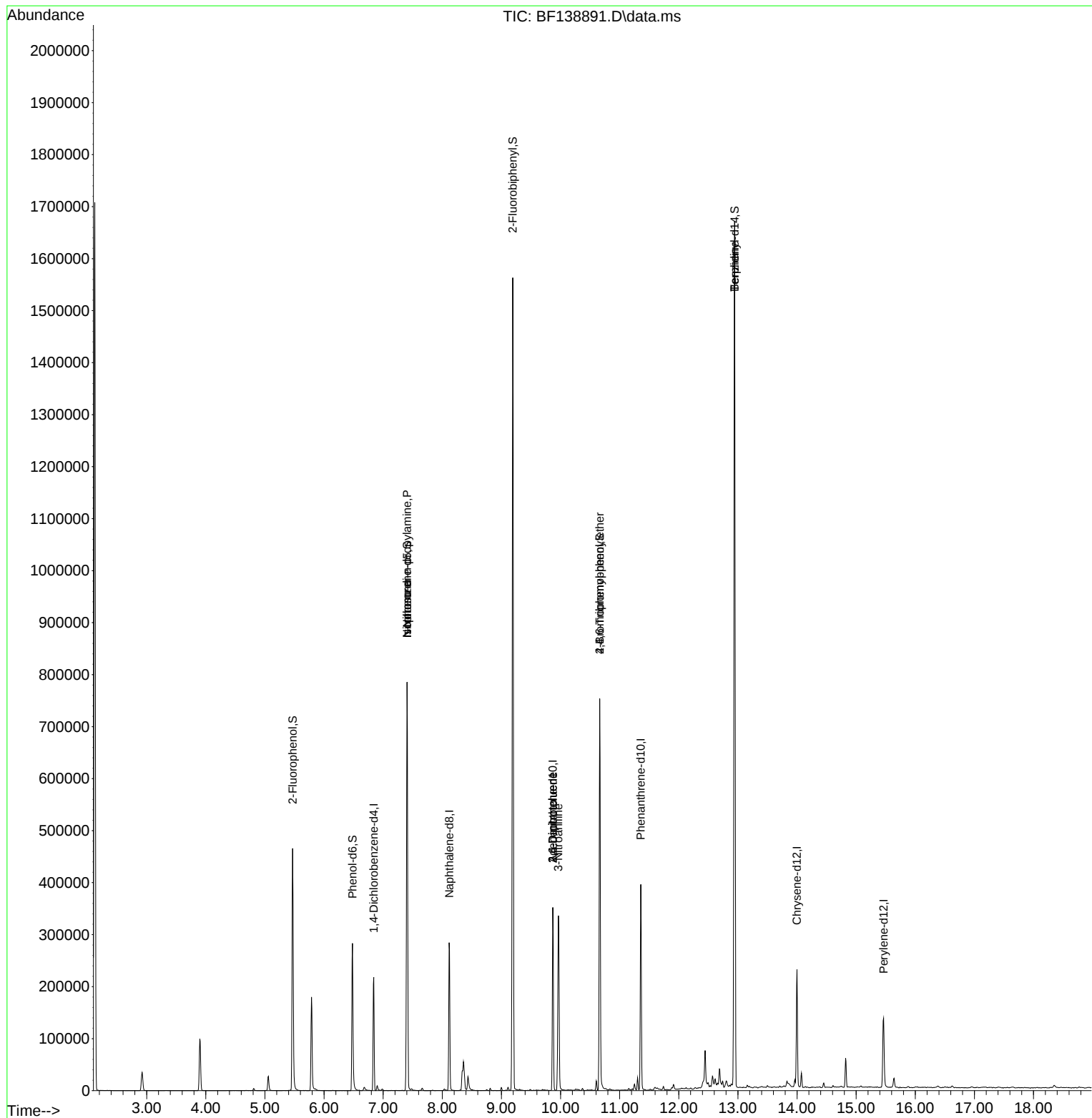
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	42523	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	169905	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	101362	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	193075	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	104220	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	82857	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	159811	58.014	ng	0.00
7) Phenol-d6	6.481	99	126182	34.117	ng	0.00
23) Nitrobenzene-d5	7.404	82	342980	98.695	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	111131	133.846	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	650007	96.351	ng	-0.01
79) Terphenyl-d14	12.945	244	821234	131.929	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	47665	21.338	ng	# 78
25) Isophorone	7.404	82	342977	57.799	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	12916	8.830	ng	# 22
53) 3-Nitroaniline	9.963	138	3254	2.152	ng	# 1
57) 2,4-Dinitrotoluene	9.869	165	12916	6.921	ng	# 18
67) 4-Bromophenyl-phenylether	10.663	248	7964	3.810	ng	# 1
77) Benzidine	12.945	184	11701	4.694	ng	# 89

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

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MLS-15-625-640

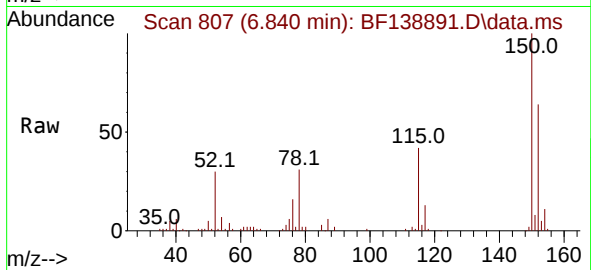
Quant Time: Aug 09 16:59:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration



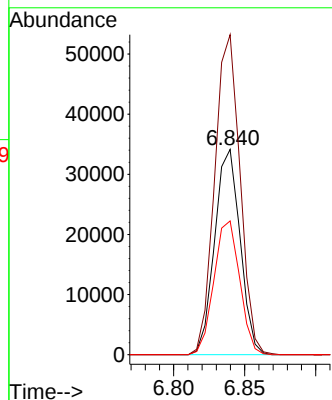
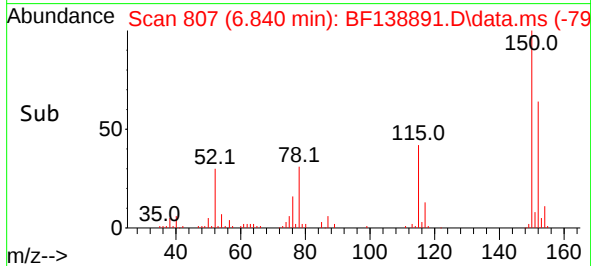


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138891.D
Acq: 09 Aug 2024 16:33

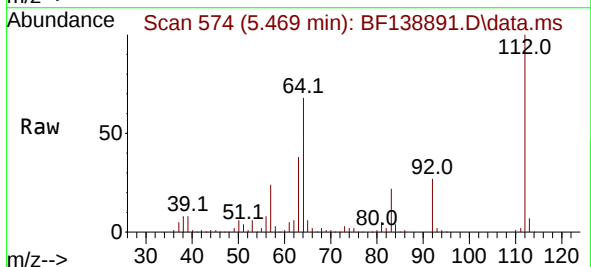
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BNA_F
ClientSampleId :
MLS-15-625-640



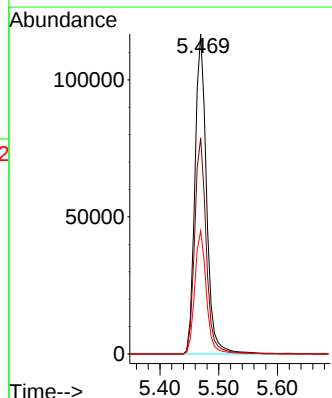
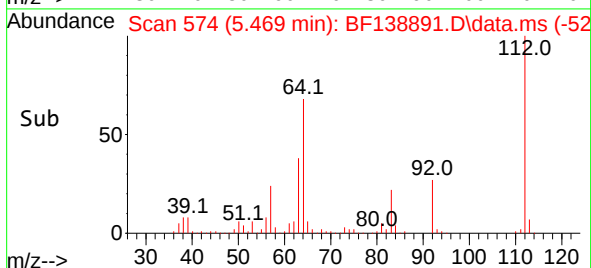
Tgt Ion:152 Resp: 42523
Ion Ratio Lower Upper
152 100
150 155.9 126.0 189.0
115 65.2 51.7 77.5



#5
2-Fluorophenol
Concen: 58.014 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138891.D
Acq: 09 Aug 2024 16:33



Tgt Ion:112 Resp: 159811
Ion Ratio Lower Upper
112 100
64 67.6 54.2 81.4
63 38.5 28.7 43.1

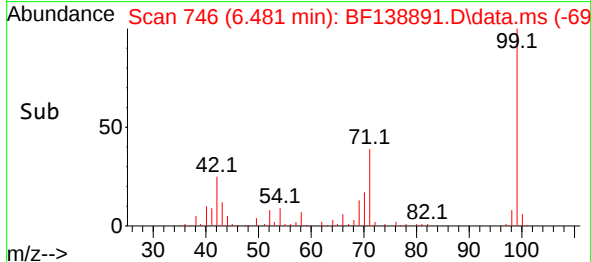
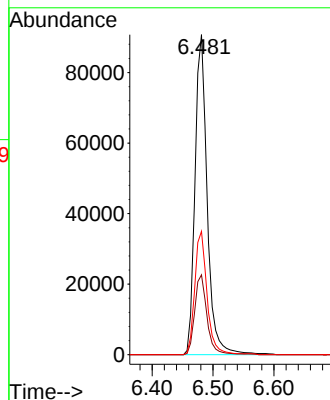
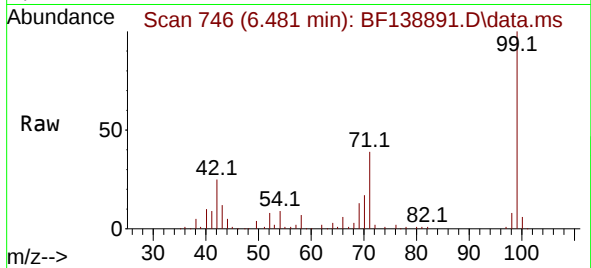




#7
Phenol-d6
Concen: 34.117 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138891.D
Acq: 09 Aug 2024 16:33

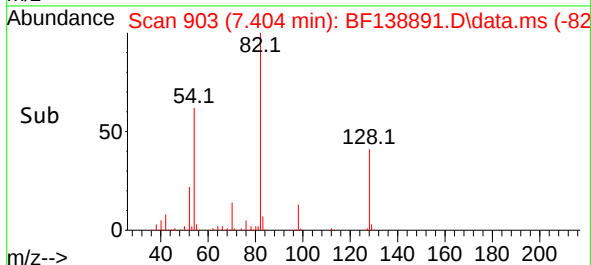
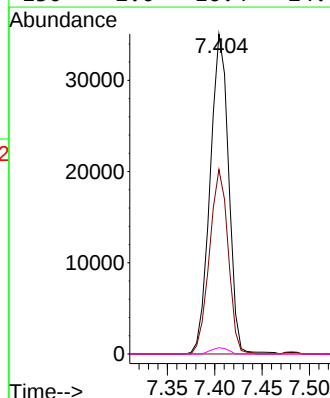
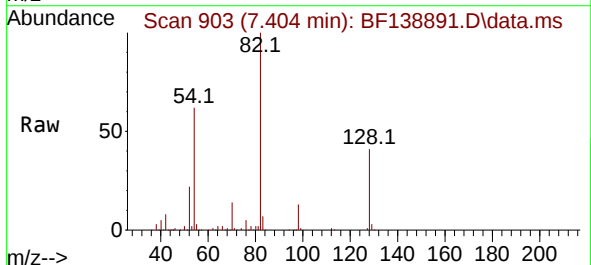
Instrument :
BNA_F
ClientSampleId :
MLS-15-625-640

Tgt Ion: 99 Resp: 126182
Ion Ratio Lower Upper
99 100
42 25.0 17.4 26.0
71 38.6 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 21.338 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138891.D
Acq: 09 Aug 2024 16:33

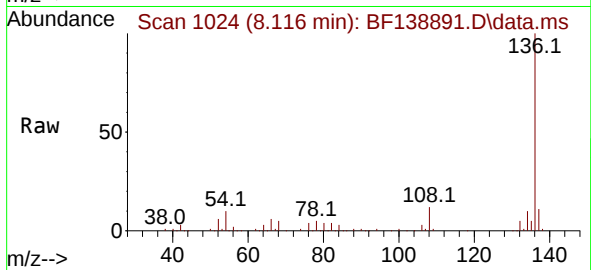
Tgt Ion: 70 Resp: 47665
Ion Ratio Lower Upper
70 100
42 57.7 57.4 86.0
101 0.0 7.5 11.3#
130 2.0 16.4 24.6#



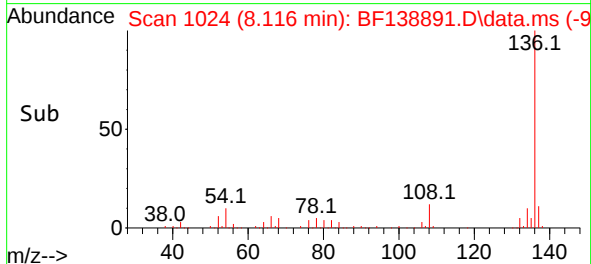
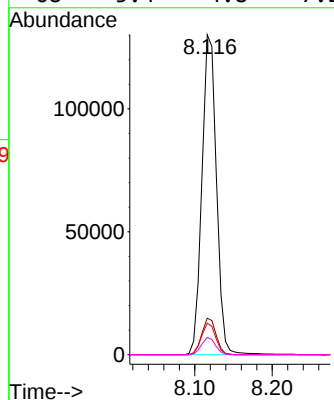


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF138891.D
Acq: 09 Aug 2024 16:33

Instrument :
BNA_F
ClientSampleId :
MLS-15-625-640

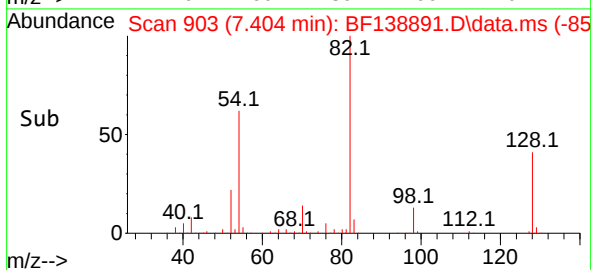
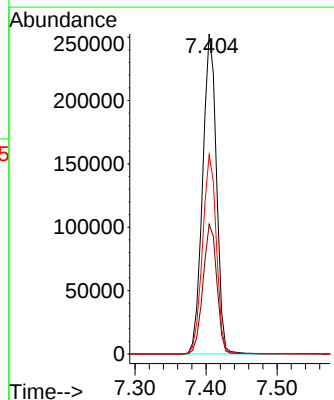
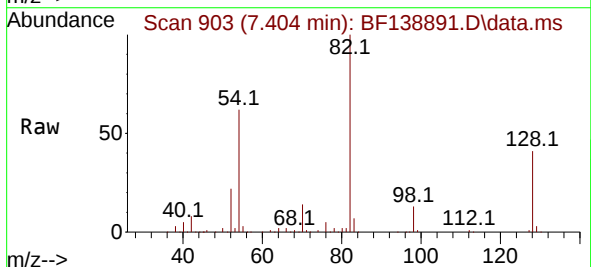


Tgt Ion:136 Resp: 169905
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 9.8 8.6 12.8
68 5.4 4.8 7.2



#23
Nitrobenzene-d5
Concen: 98.695 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138891.D
Acq: 09 Aug 2024 16:33

Tgt Ion: 82 Resp: 342980
Ion Ratio Lower Upper
82 100
128 40.6 32.8 49.2
54 62.3 48.3 72.5

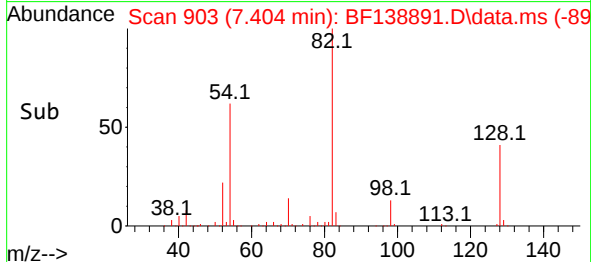
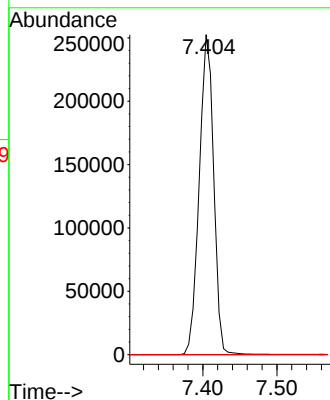
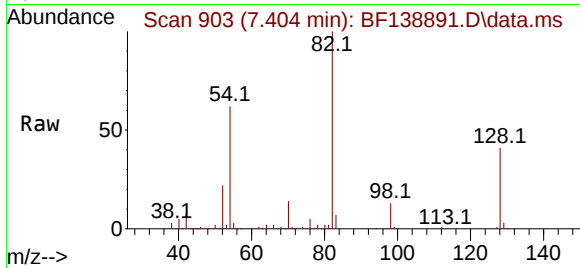




#25
Isophorone
Concen: 57.799 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138891.D
Acq: 09 Aug 2024 16:33

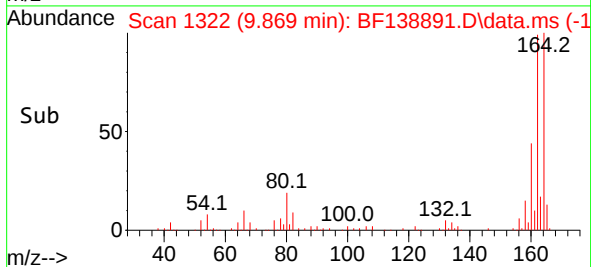
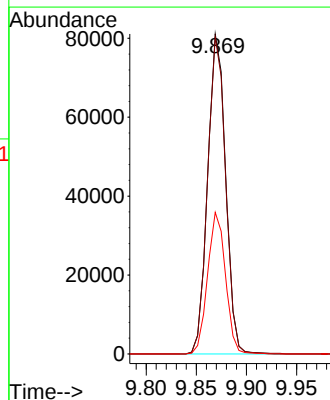
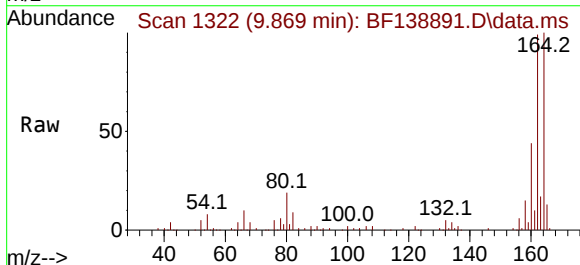
Instrument :
BNA_F
ClientSampleId :
MLS-15-625-640

Tgt Ion: 82 Resp: 342977
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: BF138891.D
Acq: 09 Aug 2024 16:33

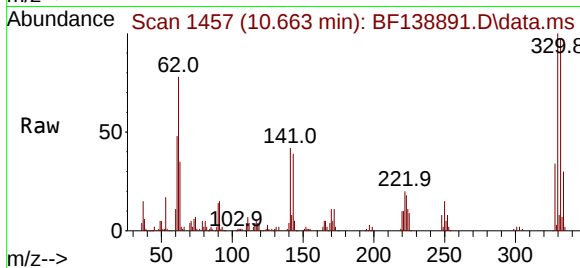
Tgt Ion:164 Resp: 101362
Ion Ratio Lower Upper
164 100
162 99.0 79.4 119.0
160 44.3 35.1 52.7



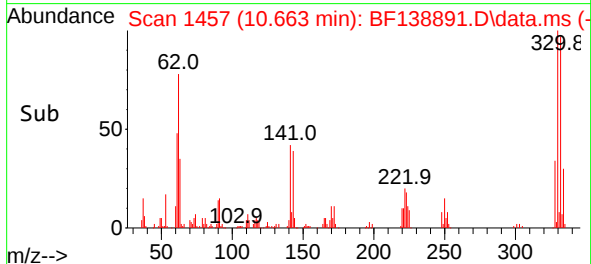
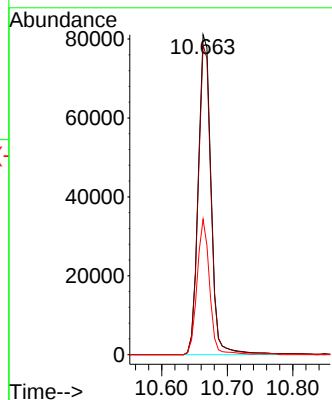


#42
2,4,6-Tribromophenol
Concen: 133.846 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF138891.D
Acq: 09 Aug 2024 16:33

Instrument :
BNA_F
ClientSampleId :
MLS-15-625-640

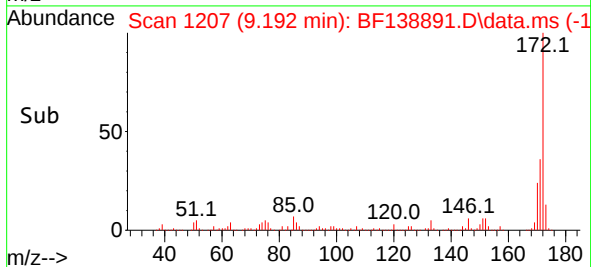
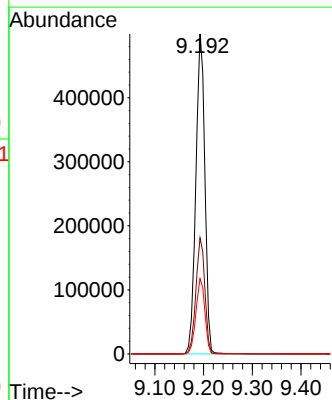
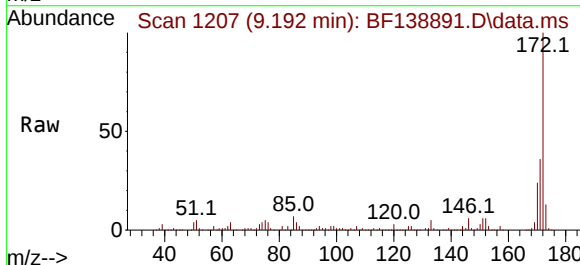


Tgt Ion:330 Resp: 111131
Ion Ratio Lower Upper
330 100
332 96.4 76.4 114.6
141 40.9 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 96.351 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138891.D
Acq: 09 Aug 2024 16:33

Tgt Ion:172 Resp: 650007
Ion Ratio Lower Upper
172 100
171 36.3 28.3 42.5
170 23.5 18.8 28.2

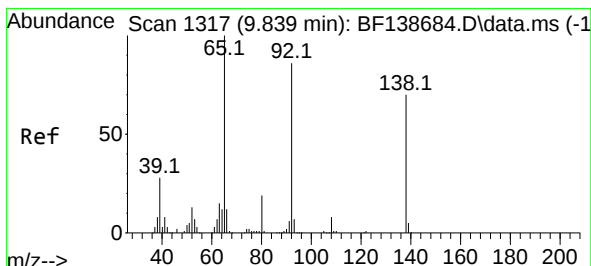
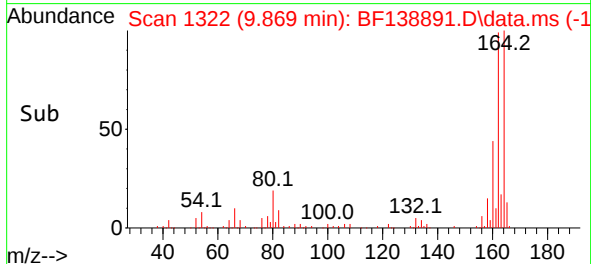
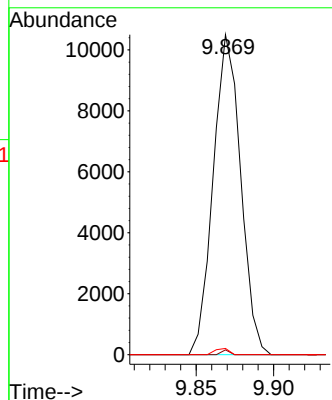
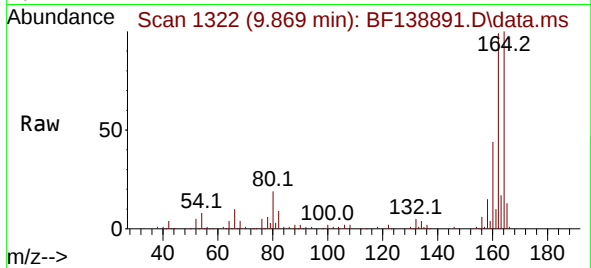




#51
2,6-Dinitrotoluene
Concen: 8.830 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138891.D
Acq: 09 Aug 2024 16:33

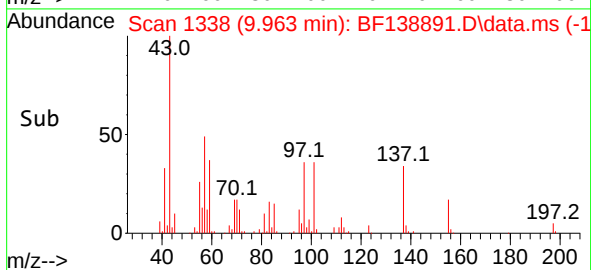
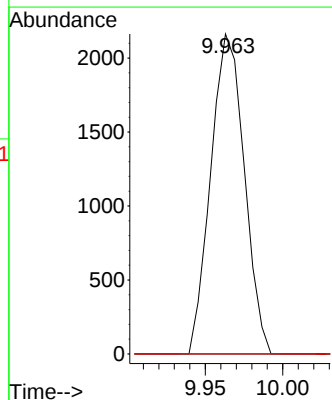
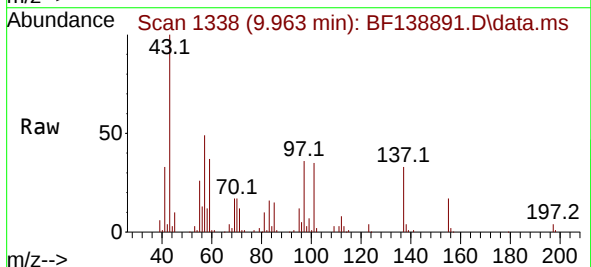
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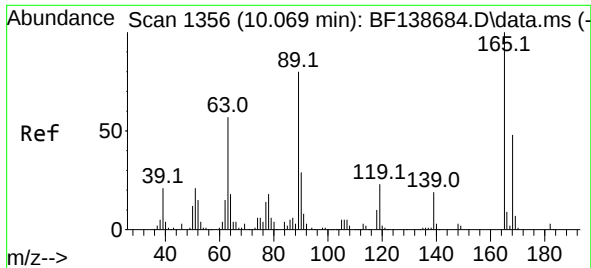
Tgt Ion:165 Resp: 12916
Ion Ratio Lower Upper
165 100
63 1.5 52.0 78.0#
89 2.0 47.0 70.6#



#53
3-Nitroaniline
Concen: 2.152 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.124 min
Lab File: BF138891.D
Acq: 09 Aug 2024 16:33

Tgt Ion:138 Resp: 3254
Ion Ratio Lower Upper
138 100
108 0.0 9.1 13.7#
92 0.0 98.7 148.1#

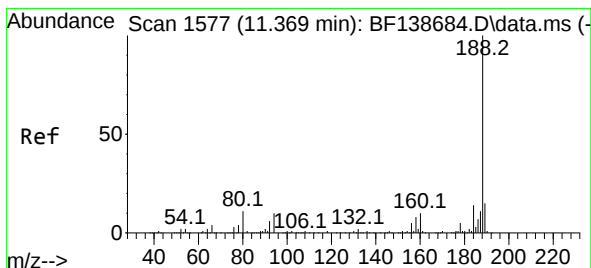
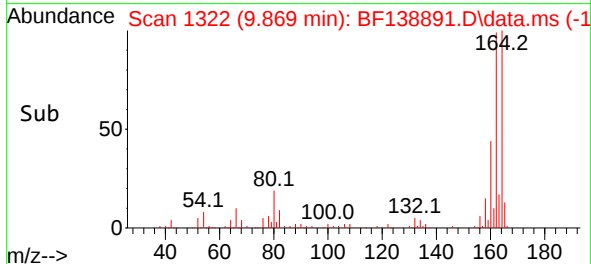
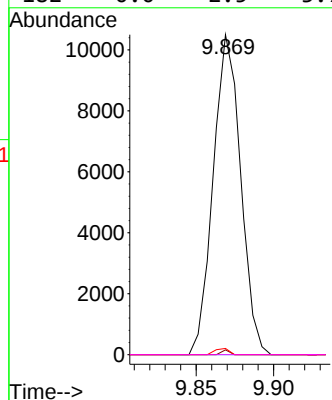
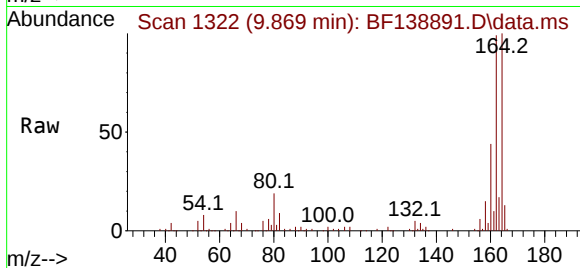




#57
2,4-Dinitrotoluene
Concen: 6.921 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF138891.D
Acq: 09 Aug 2024 16:33

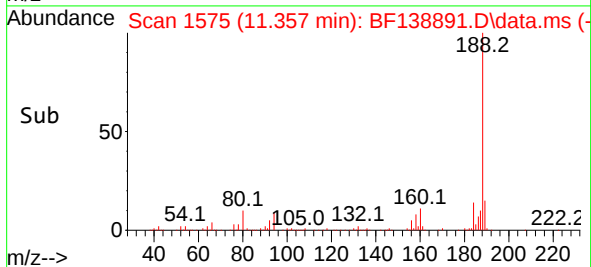
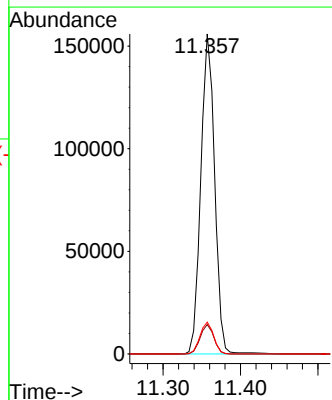
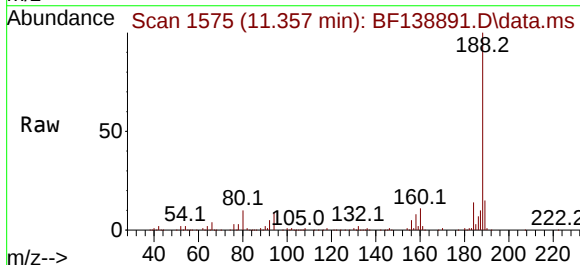
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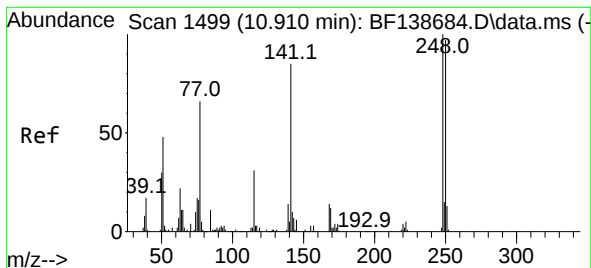
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Ion Ratio	Lower	Upper
165	100	
63	1.5	46.3 69.5#
89	2.0	64.2 96.4#
182	0.0	2.5 3.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BF138891.D
Acq: 09 Aug 2024 16:33

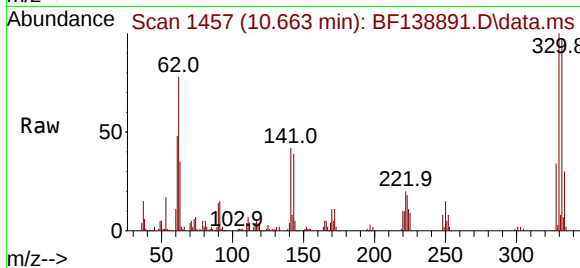
Tgt Ion:188	Resp:	193075
Ion Ratio	Lower	Upper
188	100	
94	9.2	7.6 11.4
80	10.0	8.6 12.8



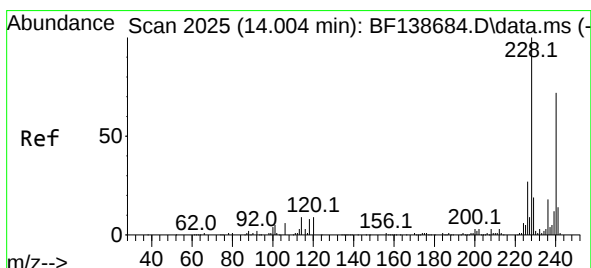
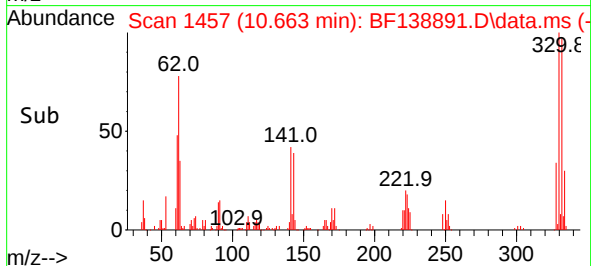
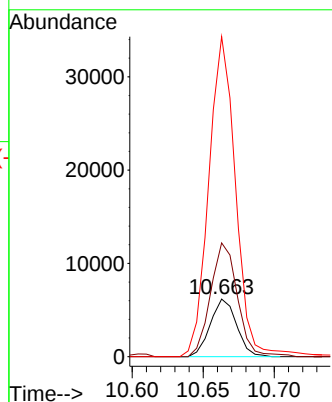


#67
4-Bromophenyl-phenylether
Concen: 3.810 ng
RT: 10.663 min Scan# 1499
Delta R.T. -0.247 min
Lab File: BF138891.D
Acq: 09 Aug 2024 16:33

Instrument :
BNA_F
ClientSampleId :
MLS-15-625-640

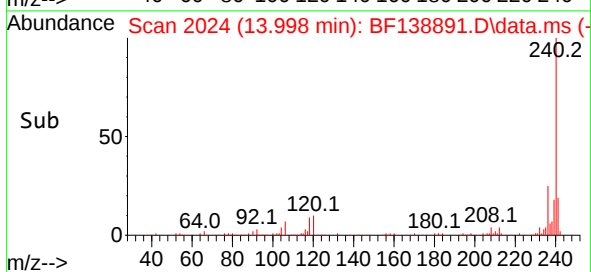
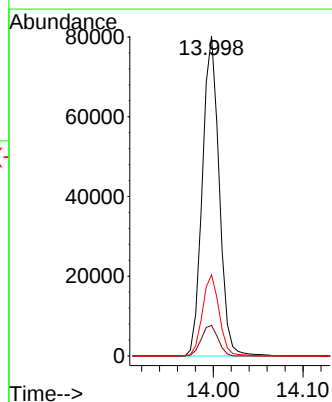
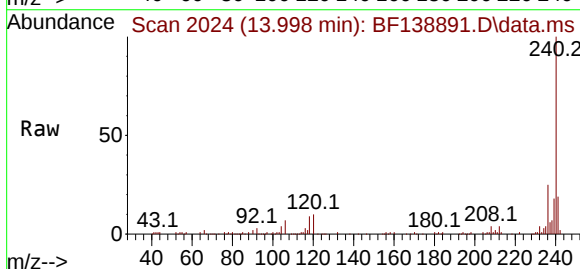


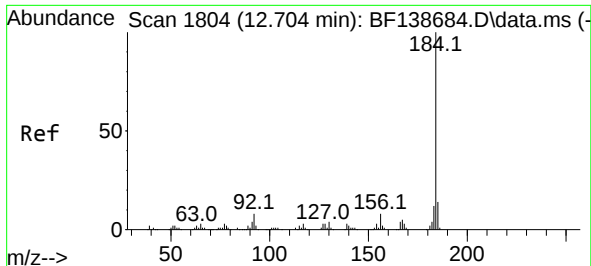
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Ion Ratio Lower Upper
248 100
250 197.5 77.7 116.5#
141 555.3 68.0 102.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138891.D
Acq: 09 Aug 2024 16:33

Tgt Ion:240 Resp: 104220
Ion Ratio Lower Upper
240 100
120 9.5 10.2 15.4#
236 25.4 19.8 29.8

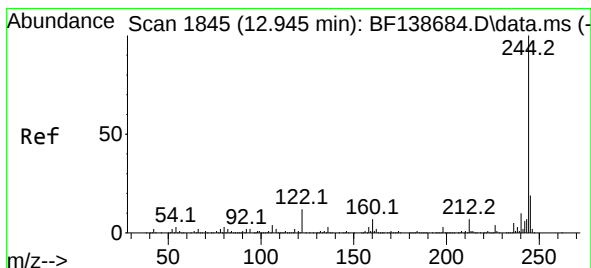
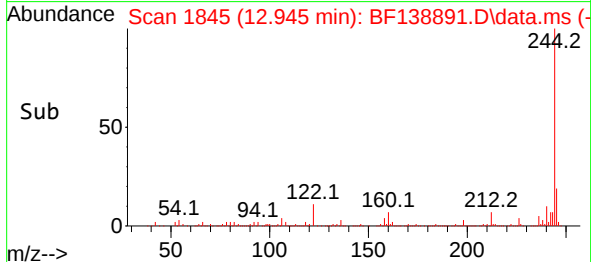
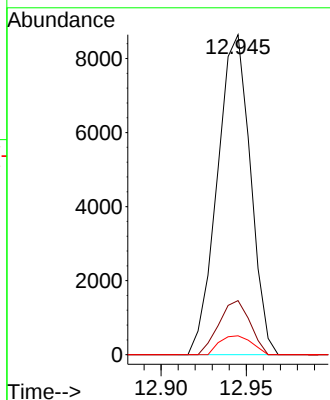
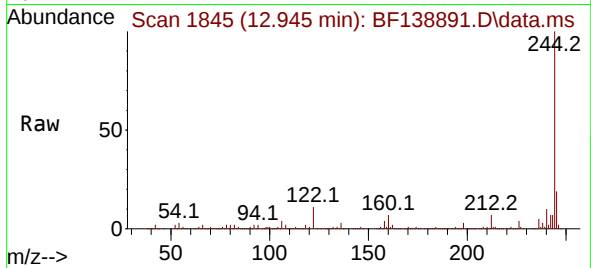




#77
Benzidine
Concen: 4.694 ng
RT: 12.945 min Scan# 1845
Delta R.T. 0.241 min
Lab File: BF138891.D
Acq: 09 Aug 2024 16:33

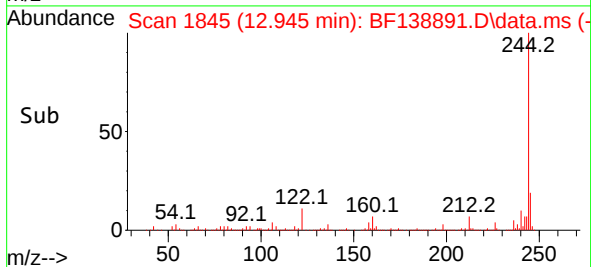
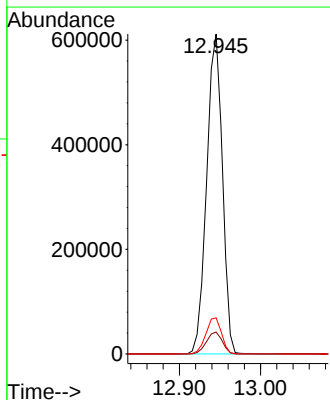
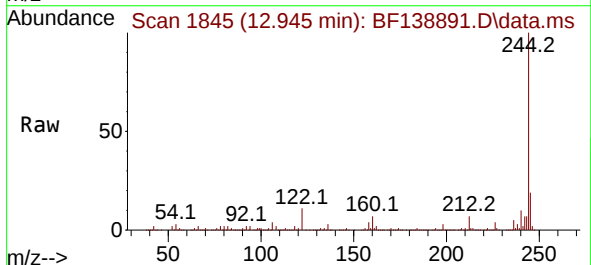
Instrument :
BNA_F
ClientSampleId :
MLS-15-625-640

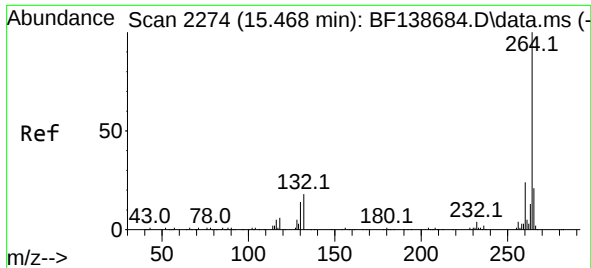
Tgt Ion:184 Resp: 11701
Ion Ratio Lower Upper
184 100
185 16.9 11.1 16.7#
183 5.9 9.6 14.4#



#79
Terphenyl-d14
Concen: 131.929 ng
RT: 12.945 min Scan# 1845
Delta R.T. 0.000 min
Lab File: BF138891.D
Acq: 09 Aug 2024 16:33

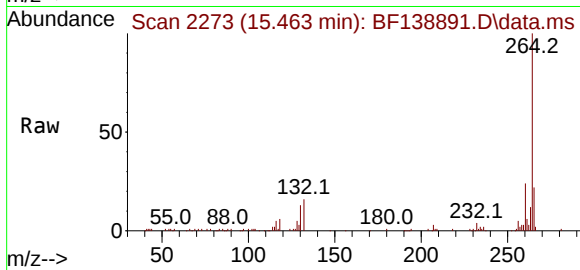
Tgt Ion:244 Resp: 821234
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.2
122 11.3 9.6 14.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF138891.D
 Acq: 09 Aug 2024 16:33

Instrument :
 BNA_F
 ClientSampleId :
 MLS-15-625-640



Tgt Ion:264	Resp:	82857
Ion	Ratio	Lower Upper
264	100	
260	23.6	19.0 28.6
265	22.0	17.0 25.6

