

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
 Data File : BF138925.D
 Acq On : 12 Aug 2024 10:38
 Operator : RC/JU
 Sample : PB162487BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162487BL

Quant Time: Aug 12 11:19:16 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)

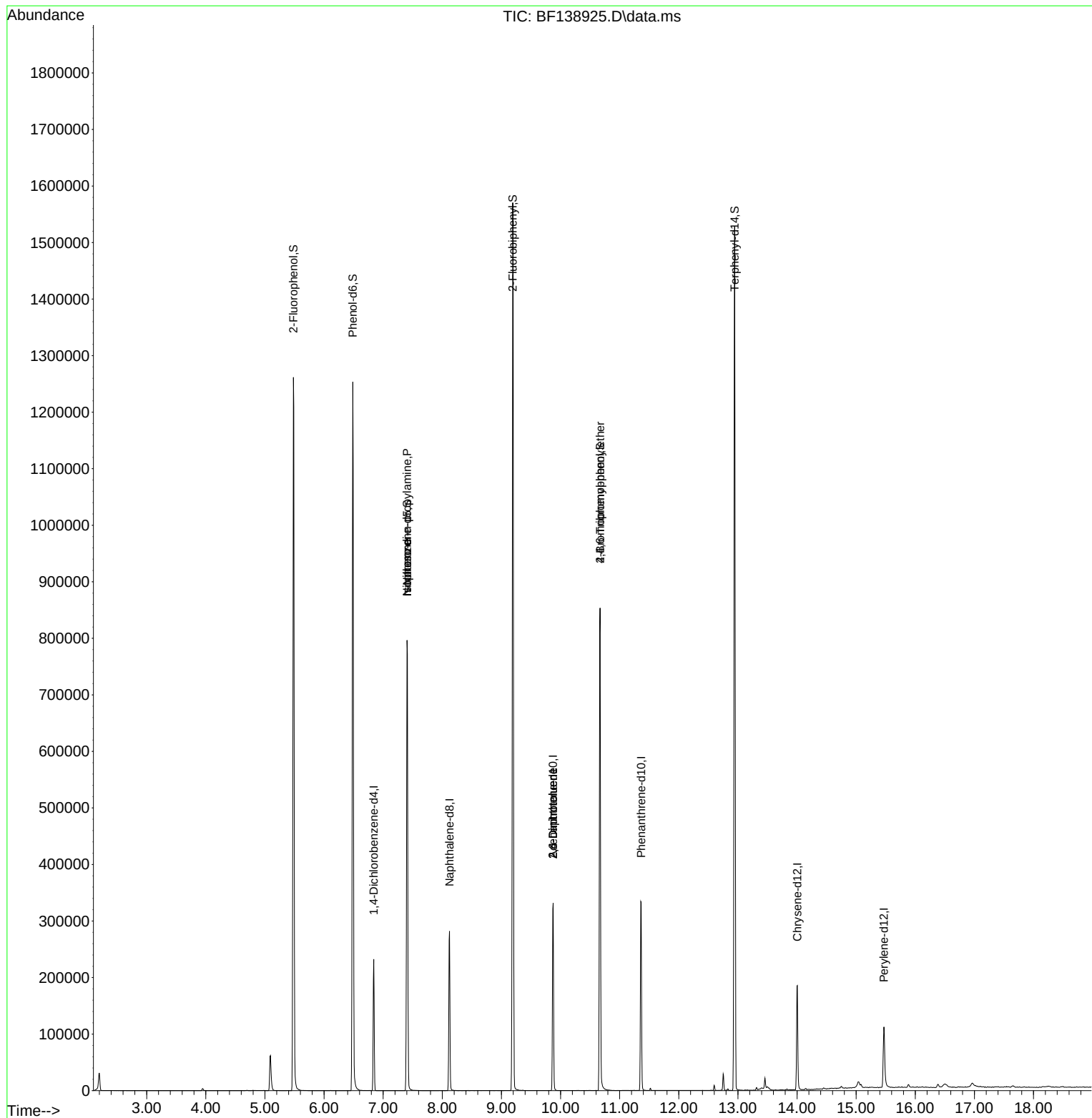
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	43107	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	176916	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	100400	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	183493	20.000	ng	0.00
76) Chrysene-d12	14.004	240	94958	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	75204	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	430874	154.295	ng	0.01
7) Phenol-d6	6.487	99	562275	149.969	ng	0.00
23) Nitrobenzene-d5	7.404	82	372994	103.078	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	130341	158.487	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	689201	103.140	ng	-0.01
79) Terphenyl-d14	12.945	244	733972	129.412	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	50600	22.345	ng	# 79
25) Isophorone	7.404	82	372776	60.331	ng	# 66
51) 2,6-Dinitrotoluene	9.875	165	12818	8.847	ng	# 19
57) 2,4-Dinitrotoluene	9.875	165	12818	6.934	ng	# 16
67) 4-Bromophenyl-phenylether	10.669	248	9432	4.748	ng	# 1

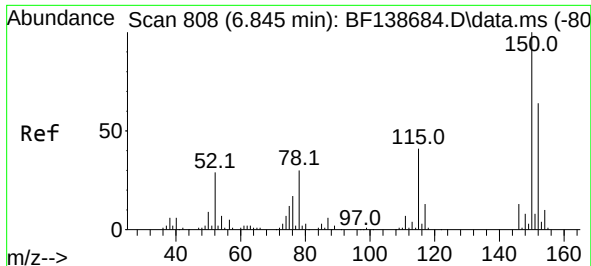
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
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Sample : PB162487BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB162487BL

Quant Time: Aug 12 11:19:16 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

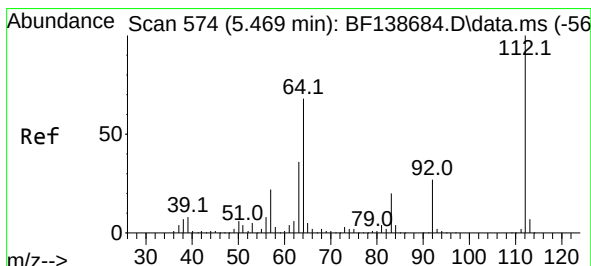
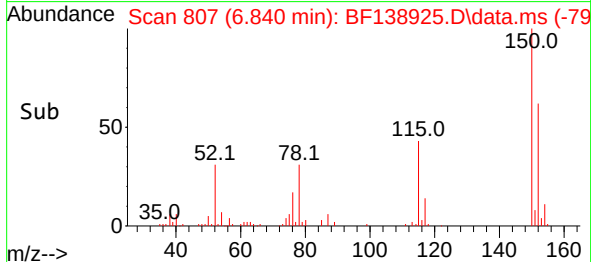
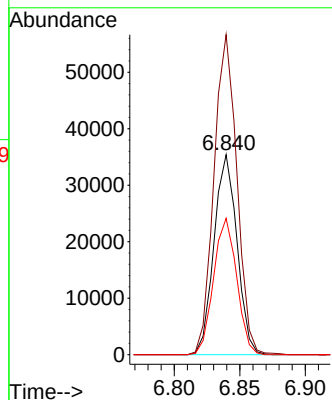
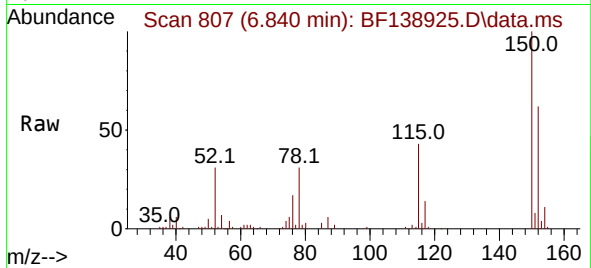




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138925.D
Acq: 12 Aug 2024 10:38

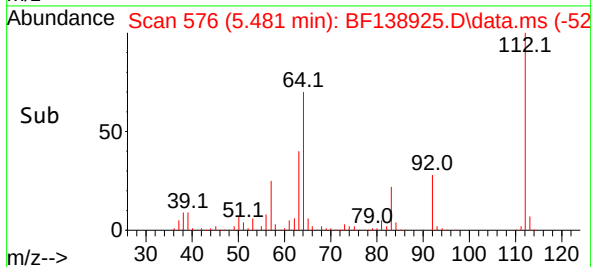
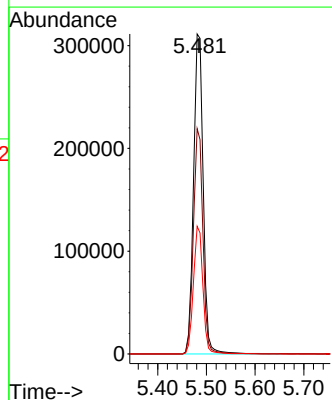
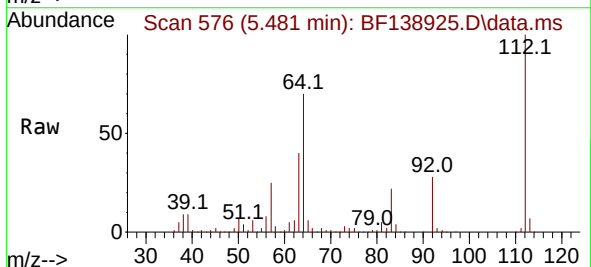
Instrument :
BNA_F
ClientSampleId :
PB162487BL

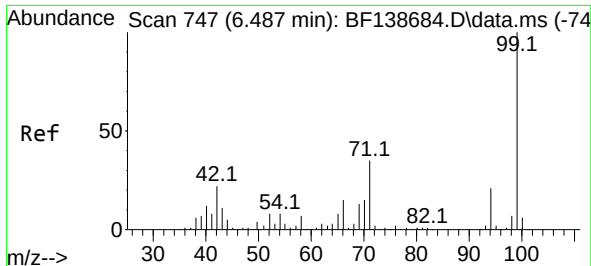
Tgt Ion:152 Resp: 43107
Ion Ratio Lower Upper
152 100
150 160.0 126.0 189.0
115 68.2 51.7 77.5



#5
2-Fluorophenol
Concen: 154.295 ng
RT: 5.481 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF138925.D
Acq: 12 Aug 2024 10:38

Tgt Ion:112 Resp: 430874
Ion Ratio Lower Upper
112 100
64 70.4 54.2 81.4
63 39.9 28.7 43.1

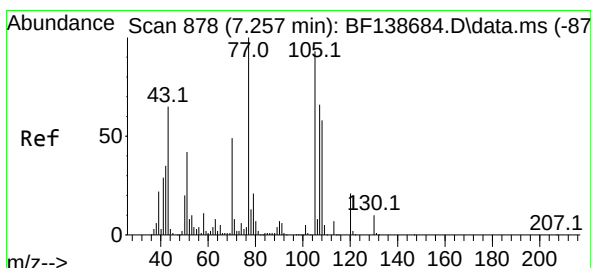
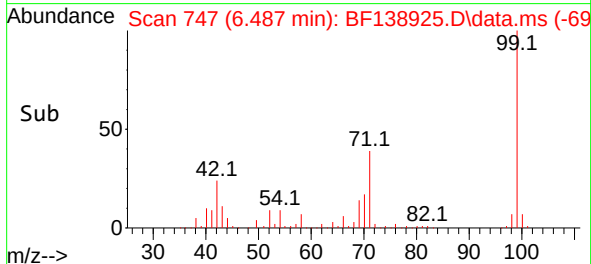
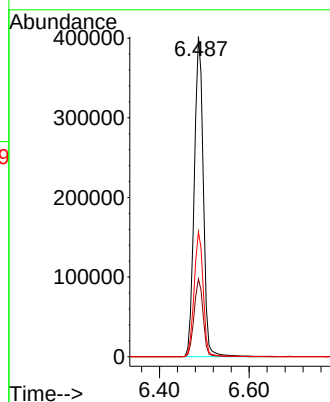
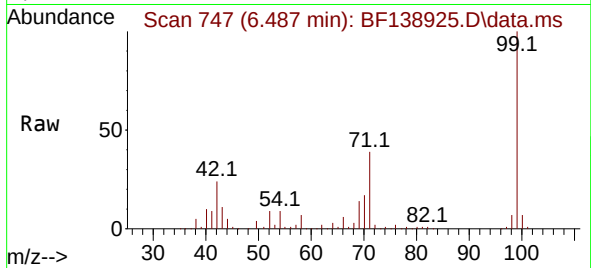




#7
Phenol-d6
Concen: 149.969 ng
RT: 6.487 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF138925.D
Acq: 12 Aug 2024 10:38

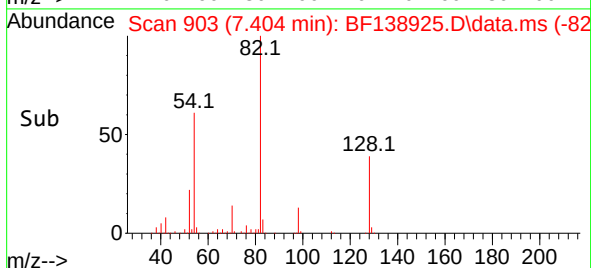
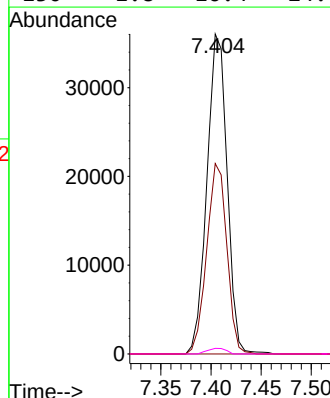
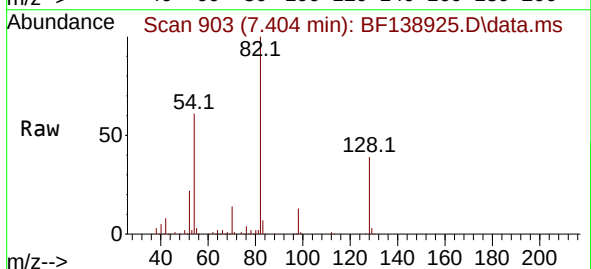
Instrument :
BNA_F
ClientSampleId :
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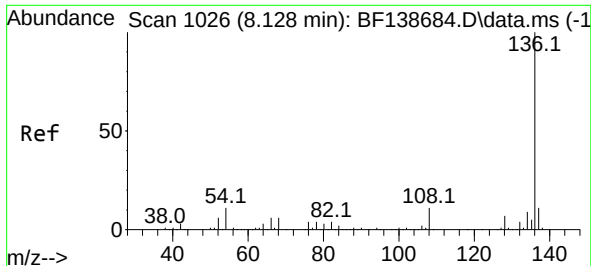
Tgt Ion: 99 Resp: 562275
Ion Ratio Lower Upper
99 100
42 24.3 17.4 26.0
71 39.0 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 22.345 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138925.D
Acq: 12 Aug 2024 10:38

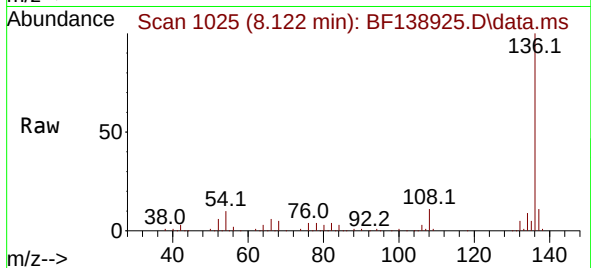
Tgt Ion: 70 Resp: 50600
Ion Ratio Lower Upper
70 100
42 59.5 57.4 86.0
101 0.0 7.5 11.3#
130 1.8 16.4 24.6#



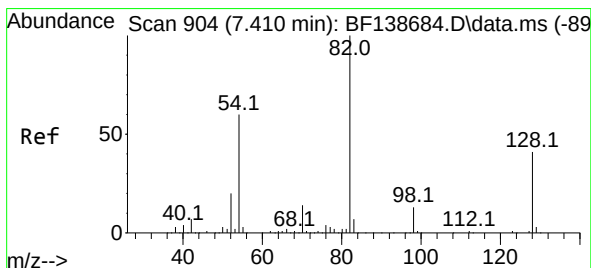
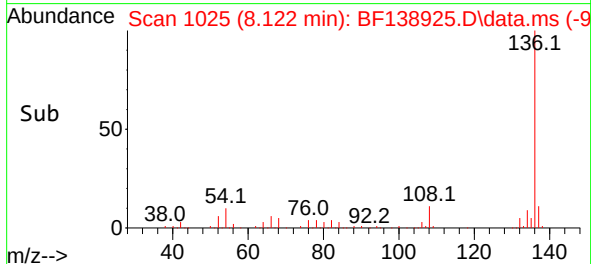
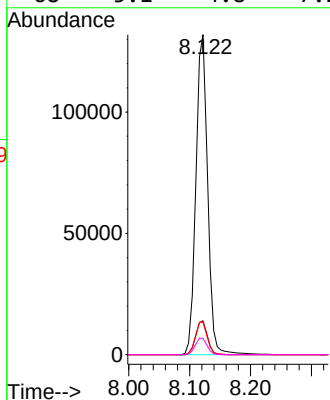


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138925.D
Acq: 12 Aug 2024 10:38

Instrument :
BNA_F
ClientSampleId :
PB162487BL

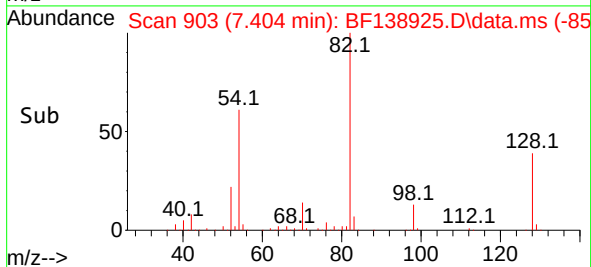
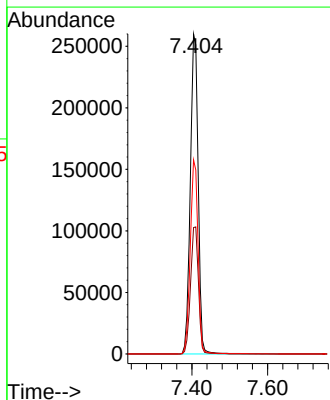
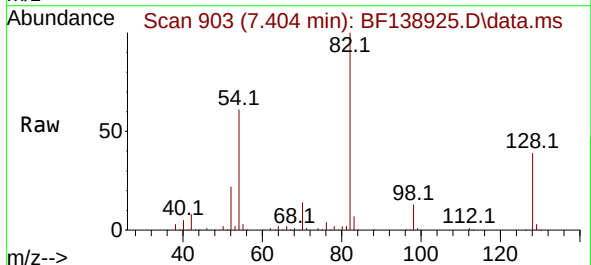


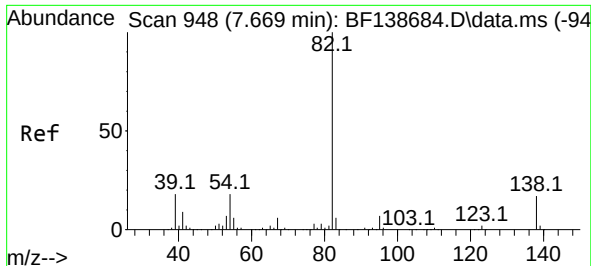
Tgt Ion:136 Resp: 176916
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 10.2 8.6 12.8
68 5.1 4.8 7.2



#23
Nitrobenzene-d5
Concen: 103.078 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138925.D
Acq: 12 Aug 2024 10:38

Tgt Ion: 82 Resp: 372994
Ion Ratio Lower Upper
82 100
128 39.5 32.8 49.2
54 60.6 48.3 72.5

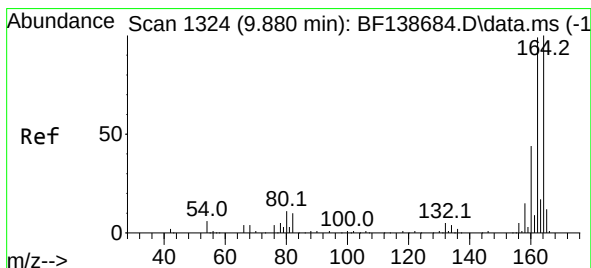
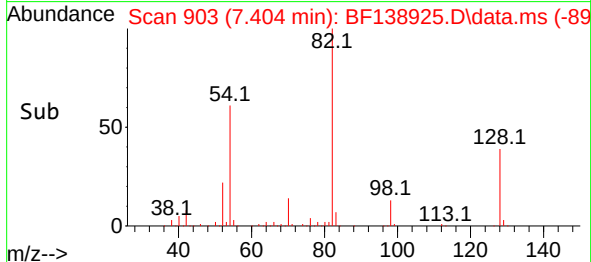
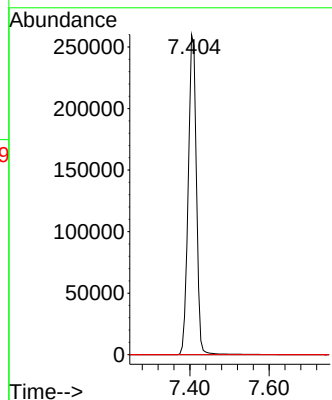
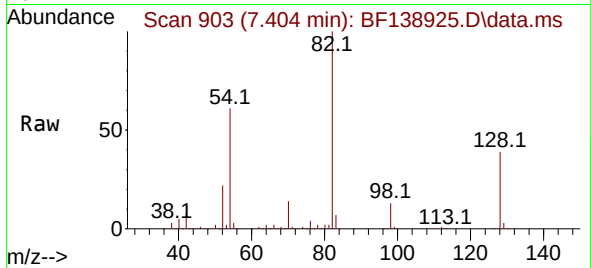




#25
Isophorone
Concen: 60.331 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138925.D
Acq: 12 Aug 2024 10:38

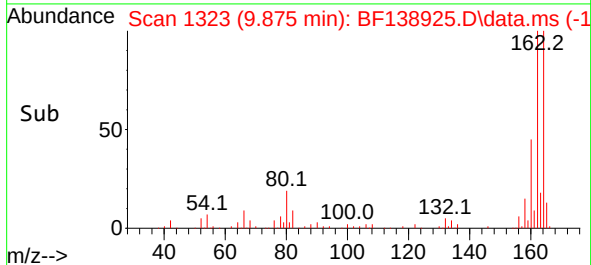
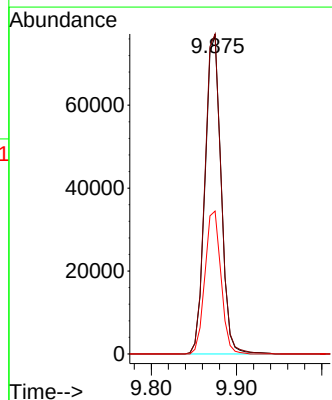
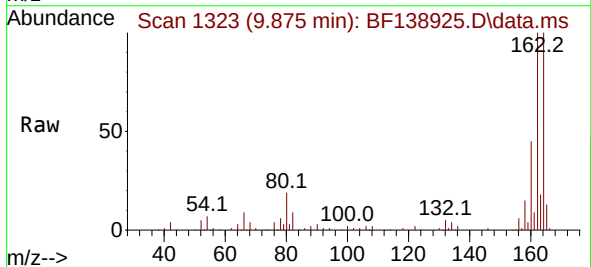
Instrument :
BNA_F
ClientSampleId :
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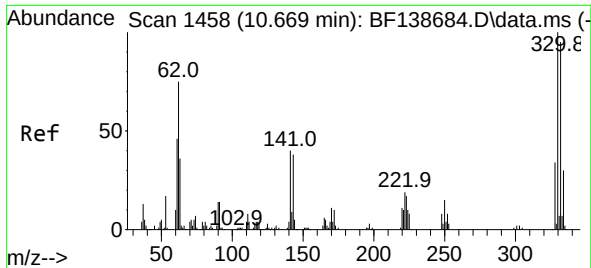
Tgt Ion: 82 Resp: 372776
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF138925.D
Acq: 12 Aug 2024 10:38

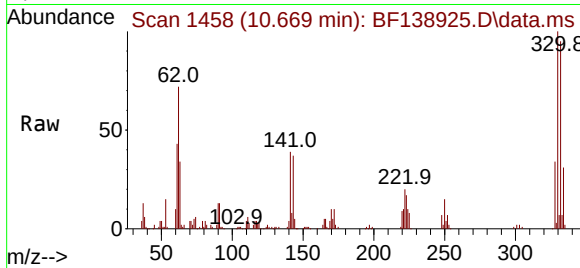
Tgt Ion:164 Resp: 100400
Ion Ratio Lower Upper
164 100
162 100.4 79.4 119.0
160 44.8 35.1 52.7



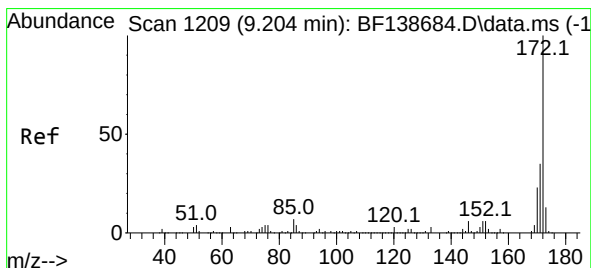
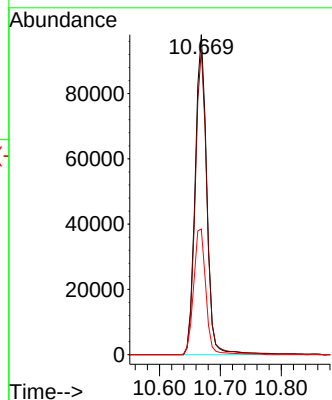
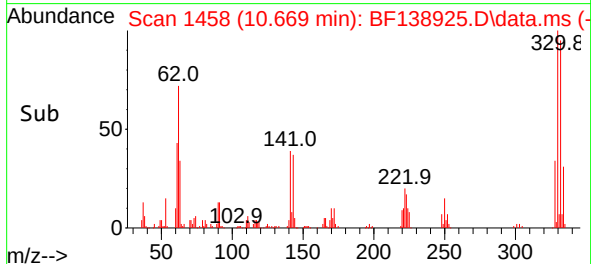


#42
2,4,6-Tribromophenol
Concen: 158.487 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF138925.D
Acq: 12 Aug 2024 10:38

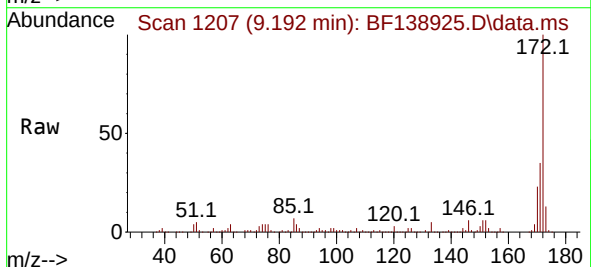
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ClientSampleId :
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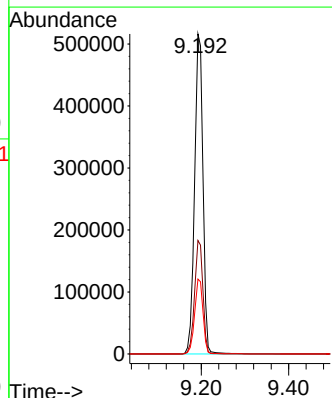
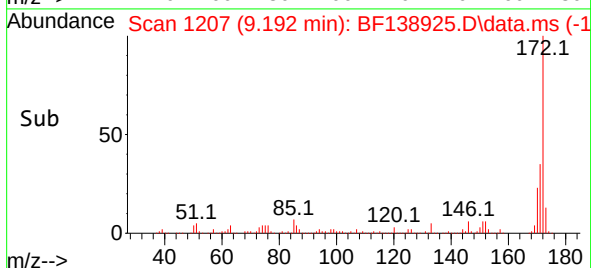
Tgt Ion:330 Resp: 130341
Ion Ratio Lower Upper
330 100
332 95.6 76.4 114.6
141 41.3 31.1 46.7

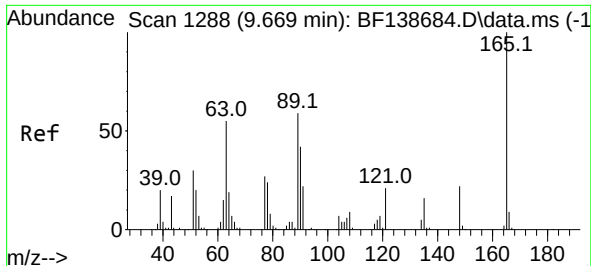


#45
2-Fluorobiphenyl
Concen: 103.140 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138925.D
Acq: 12 Aug 2024 10:38



Tgt Ion:172 Resp: 689201
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.4 18.8 28.2

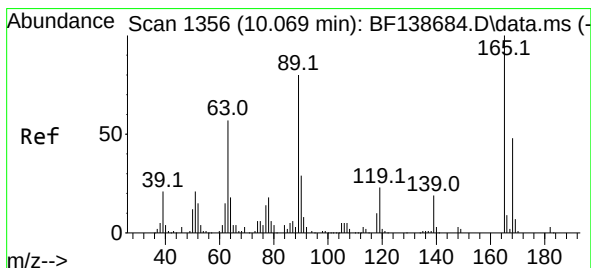
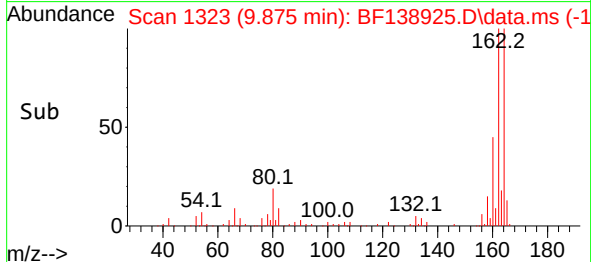
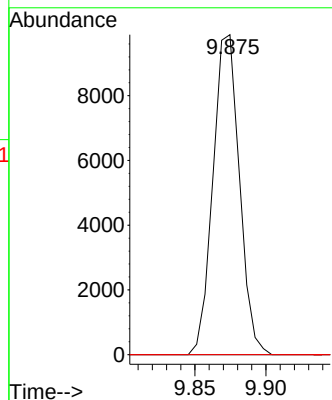
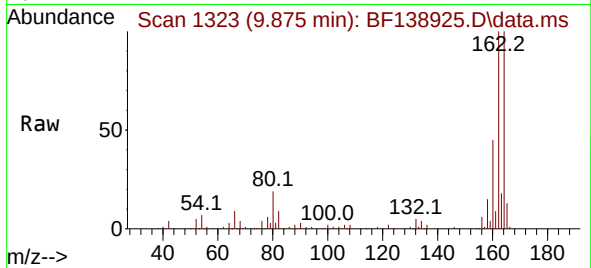




#51
2,6-Dinitrotoluene
Concen: 8.847 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF138925.D
Acq: 12 Aug 2024 10:38

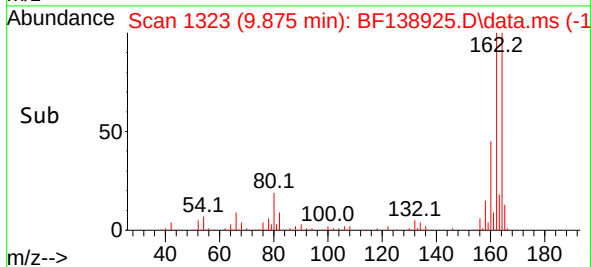
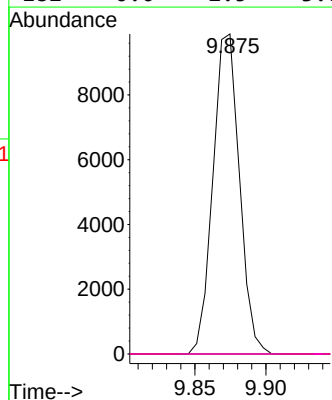
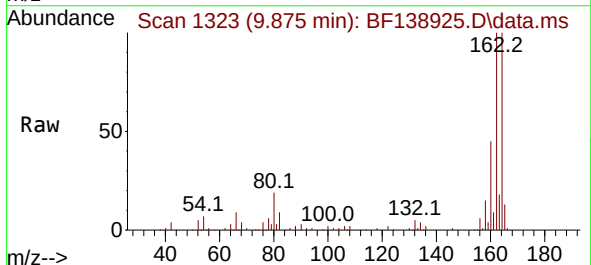
Instrument :
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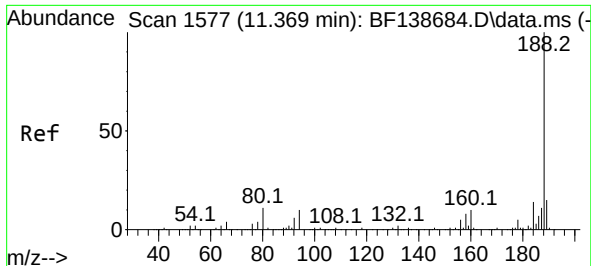
Tgt Ion:165 Resp: 12818
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 0.0 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 6.934 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.194 min
Lab File: BF138925.D
Acq: 12 Aug 2024 10:38

Tgt Ion:165 Resp: 12818
Ion Ratio Lower Upper
165 100
63 0.0 46.3 69.5#
89 0.0 64.2 96.4#
182 0.0 2.5 3.7#

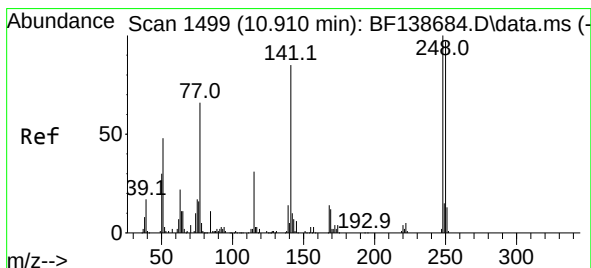
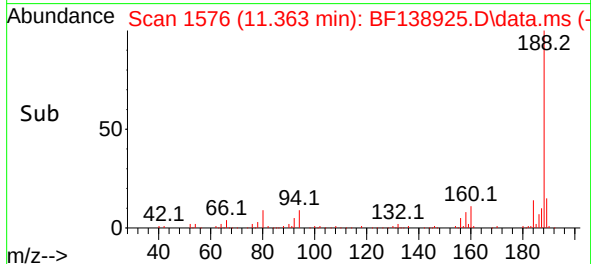
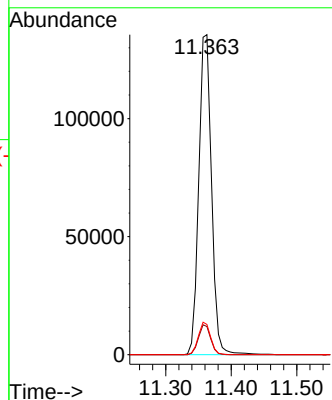
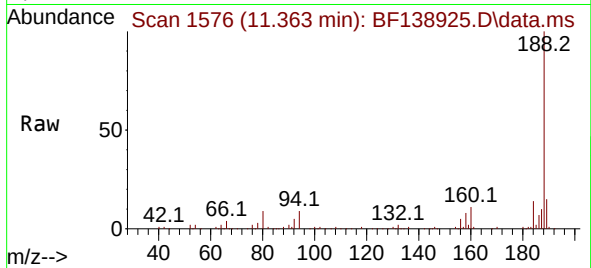




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138925.D
Acq: 12 Aug 2024 10:38

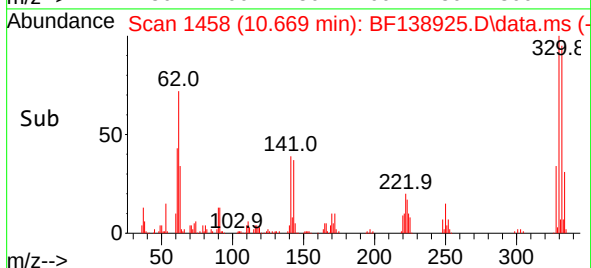
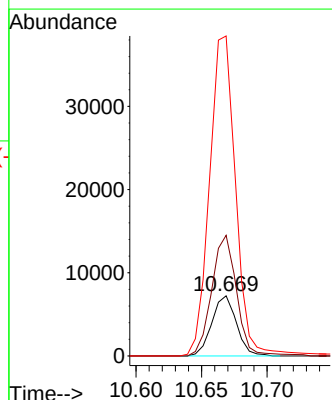
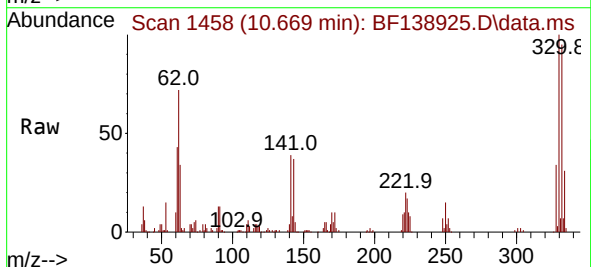
Instrument :
BNA_F
ClientSampleId :
PB162487BL

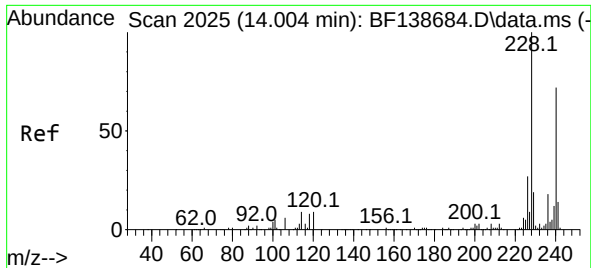
Tgt Ion:188 Resp: 183493
Ion Ratio Lower Upper
188 100
94 8.8 7.6 11.4
80 9.5 8.6 12.8



#67
4-Bromophenyl-phenylether
Concen: 4.748 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.241 min
Lab File: BF138925.D
Acq: 12 Aug 2024 10:38

Tgt Ion:248 Resp: 9432
Ion Ratio Lower Upper
248 100
250 200.7 77.7 116.5#
141 532.3 68.0 102.0#

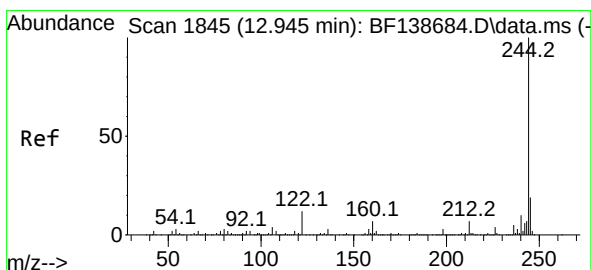
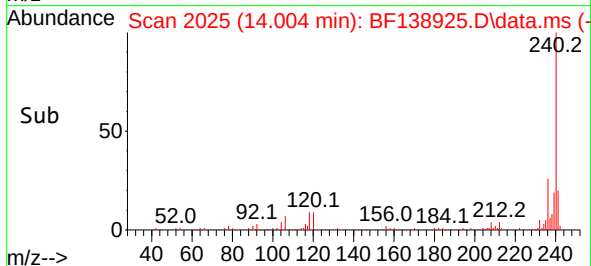
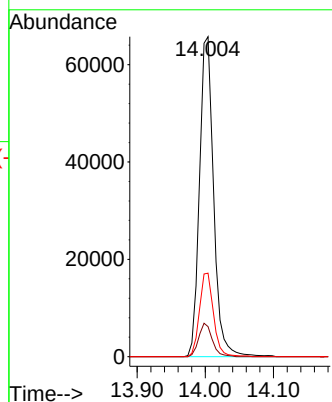
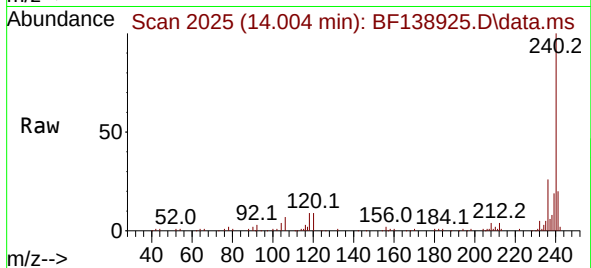




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF138925.D
Acq: 12 Aug 2024 10:38

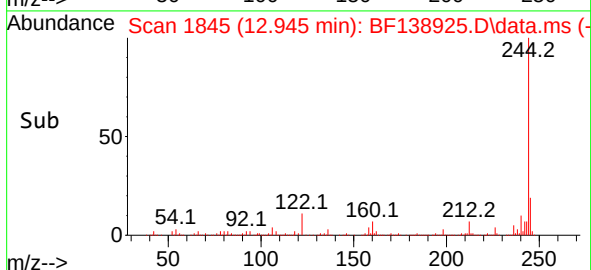
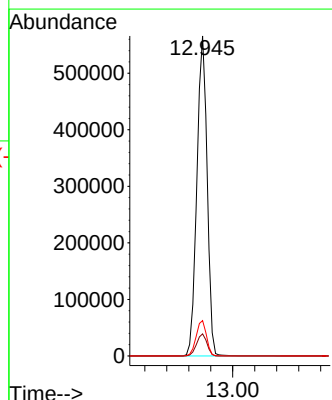
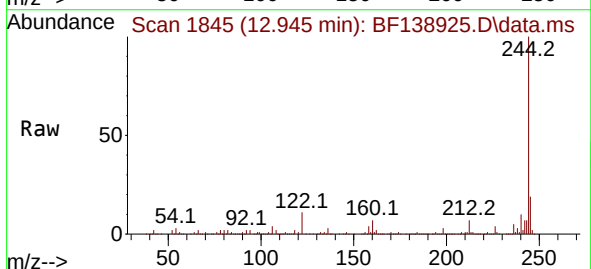
Instrument :
BNA_F
ClientSampleId :
PB162487BL

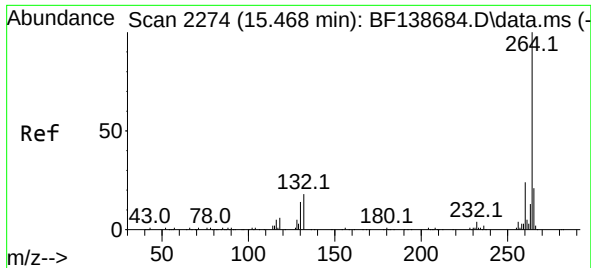
Tgt Ion:240 Resp: 94958
Ion Ratio Lower Upper
240 100
120 9.4 10.2 15.4#
236 26.1 19.8 29.8



#79
Terphenyl-d14
Concen: 129.412 ng
RT: 12.945 min Scan# 1845
Delta R.T. 0.000 min
Lab File: BF138925.D
Acq: 12 Aug 2024 10:38

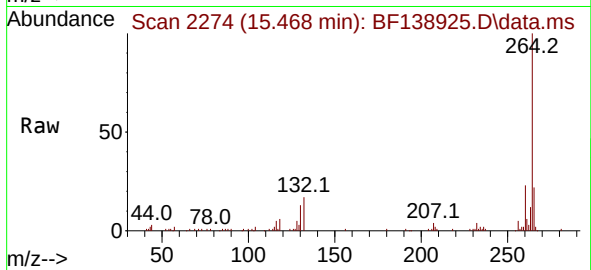
Tgt Ion:244 Resp: 733972
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.2
122 11.1 9.6 14.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF138925.D
Acq: 12 Aug 2024 10:38

Instrument :
BNA_F
ClientSampleId :
PB162487BL



Tgt Ion:264	Resp:	75204
Ion	Ratio	Lower Upper
264	100	
260	23.3	19.0 28.6
265	21.8	17.0 25.6

