

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080324\
 Data File : BF138776.D
 Acq On : 03 Aug 2024 18:19
 Operator : RC/JU
 Sample : P3448-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP7

Quant Time: Aug 05 00:53:45 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)

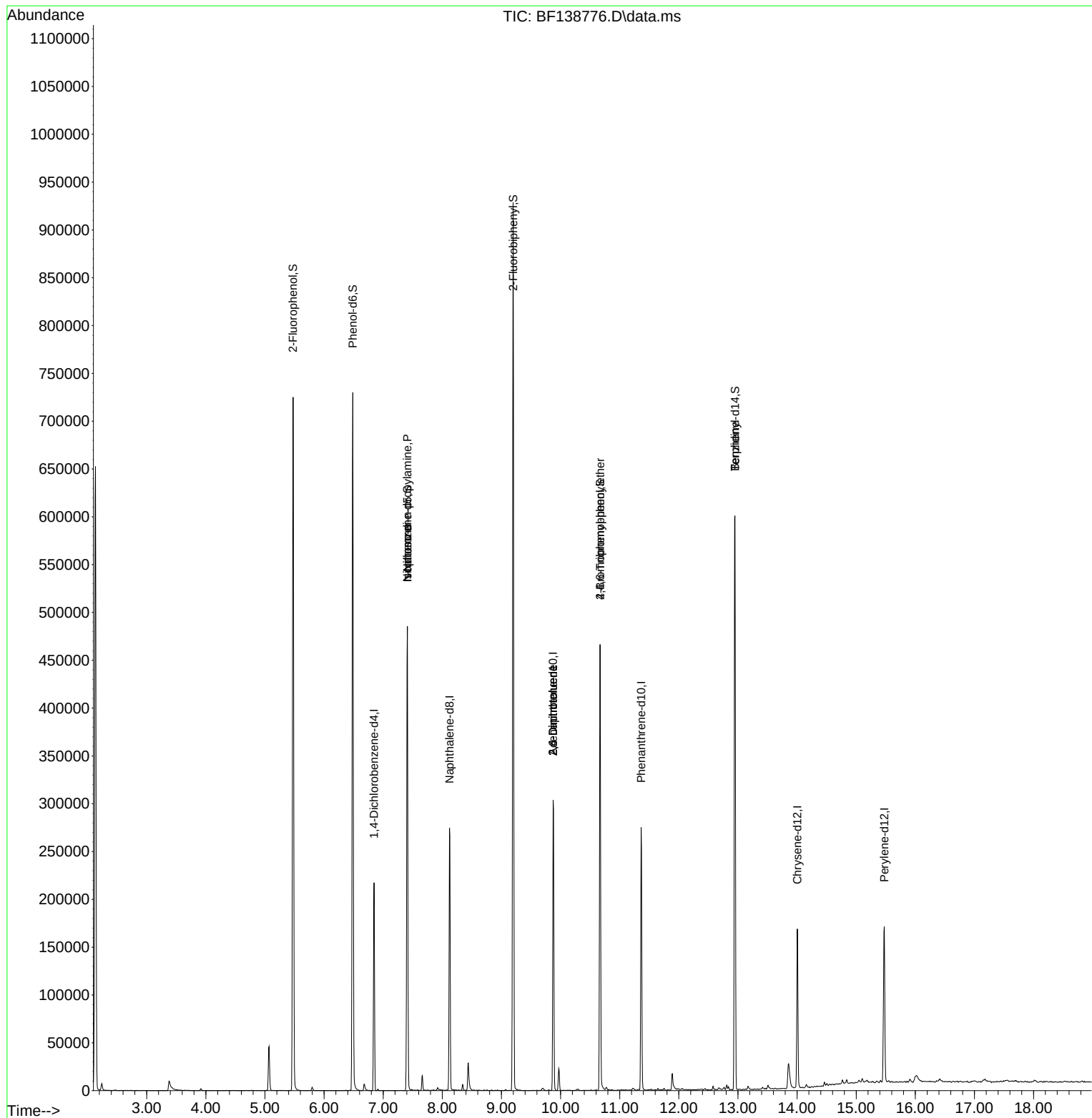
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	42074	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	170771	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	92919	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	141606	20.000	ng	0.00
76) Chrysene-d12	14.004	240	77551	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	93318	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	244909	89.855	ng	0.00
7) Phenol-d6	6.487	99	324649	88.716	ng	0.00
23) Nitrobenzene-d5	7.410	82	209052	59.851	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	68052	89.409	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	381605	61.705	ng	0.00
79) Terphenyl-d14	12.951	244	292500	63.149	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.410	70	28665	12.969	ng	# 75
25) Isophorone	7.410	82	209050	35.051	ng	# 66
51) 2,6-Dinitrotoluene	9.875	165	11432	8.526	ng	# 19
57) 2,4-Dinitrotoluene	9.875	165	11432	6.683	ng	# 16
67) 4-Bromophenyl-phenylether	10.669	248	4744	3.094	ng	# 1
77) Benzidine	12.951	184	4080	2.200	ng	# 93

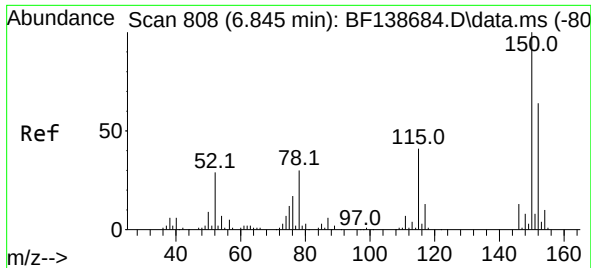
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080324\
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Misc :
ALS Vial : 19 Sample Multiplier: 1

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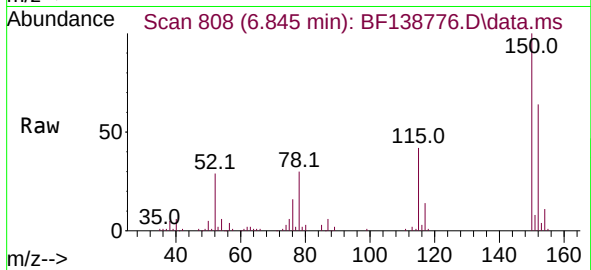
Quant Time: Aug 05 00:53:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



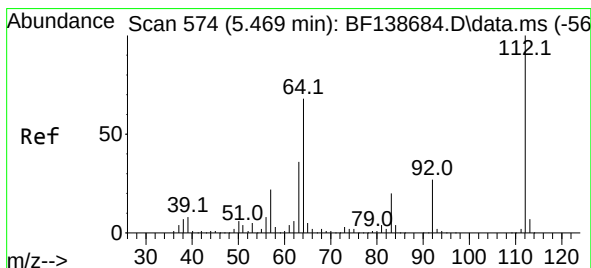
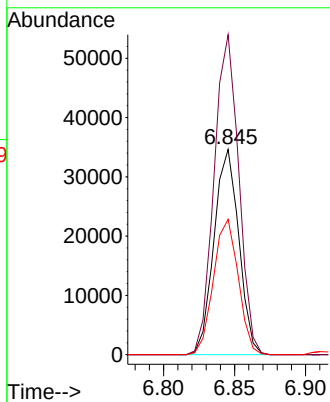
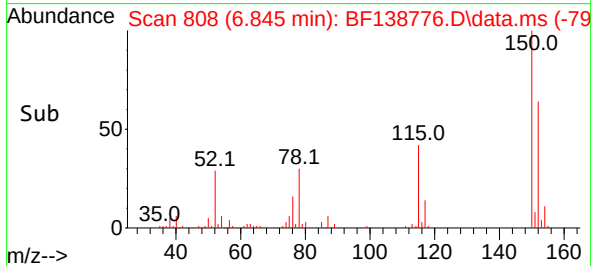


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF138776.D
Acq: 03 Aug 2024 18:19

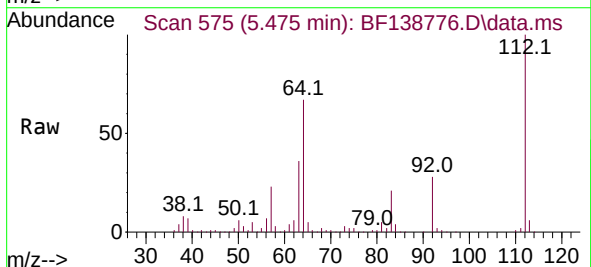
Instrument :
BNA_F
ClientSampleId :
TP7



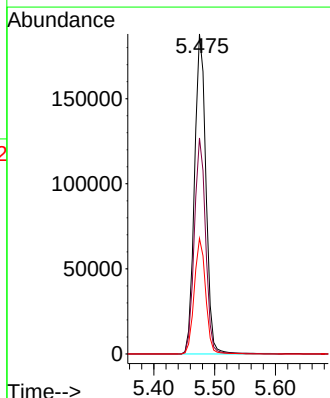
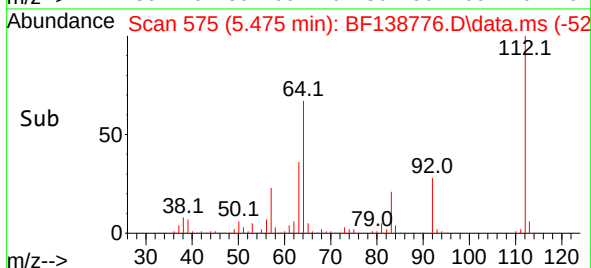
Tgt Ion:152 Resp: 42074
Ion Ratio Lower Upper
152 100
150 155.9 126.0 189.0
115 65.9 51.7 77.5

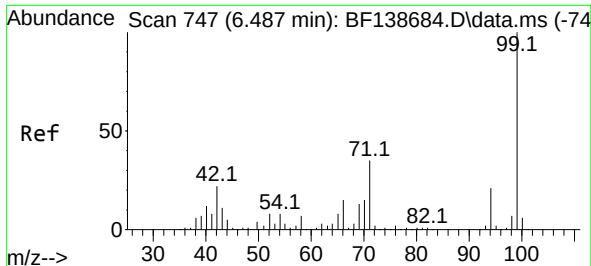


#5
2-Fluorophenol
Concen: 89.855 ng
RT: 5.475 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF138776.D
Acq: 03 Aug 2024 18:19



Tgt Ion:112 Resp: 244909
Ion Ratio Lower Upper
112 100
64 67.5 54.2 81.4
63 36.1 28.7 43.1

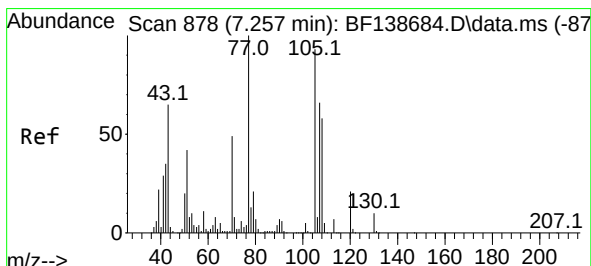
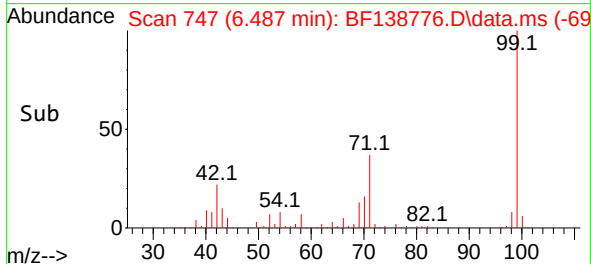
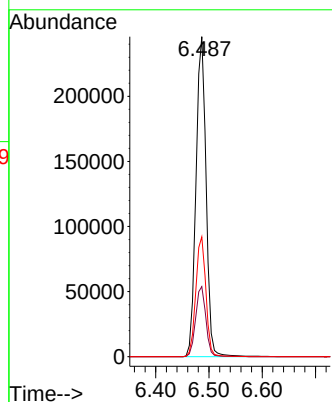
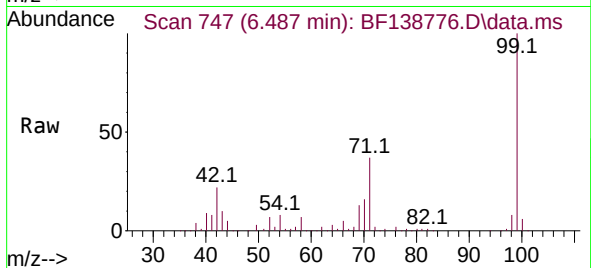




#7
Phenol-d6
Concen: 88.716 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF138776.D
Acq: 03 Aug 2024 18:19

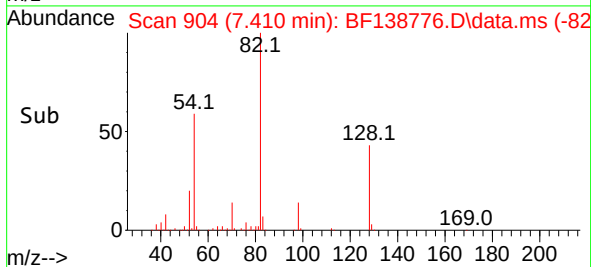
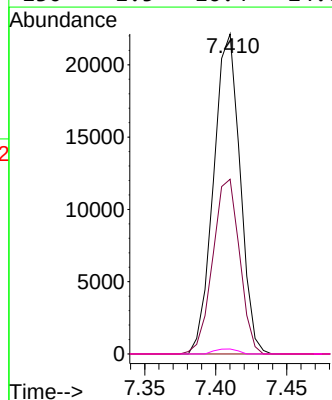
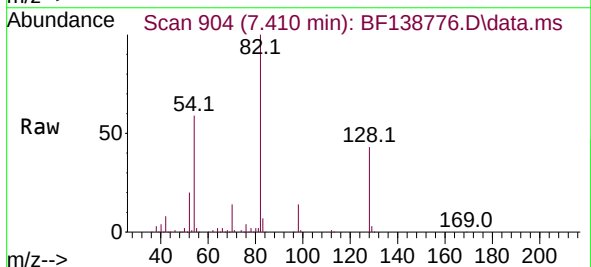
Instrument :
BNA_F
ClientSampleId :
TP7

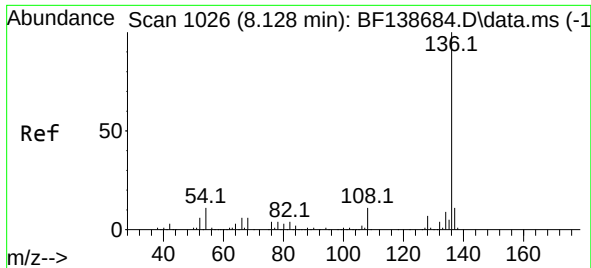
Tgt Ion: 99 Resp: 324649
Ion Ratio Lower Upper
99 100
42 21.9 17.4 26.0
71 37.5 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 12.969 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.153 min
Lab File: BF138776.D
Acq: 03 Aug 2024 18:19

Tgt Ion: 70 Resp: 28665
Ion Ratio Lower Upper
70 100
42 54.6 57.4 86.0#
101 0.0 7.5 11.3#
130 1.5 16.4 24.6#

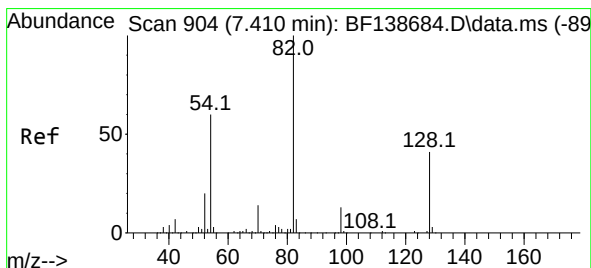
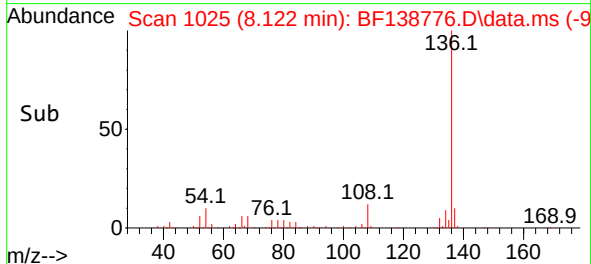
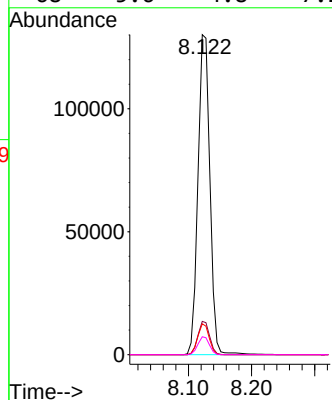
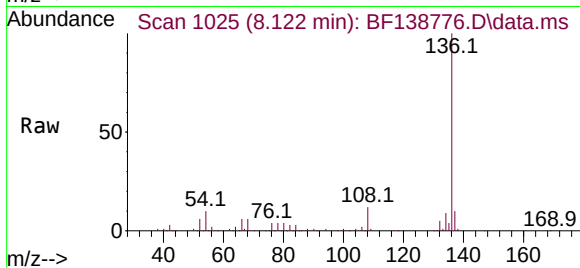




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF138776.D
Acq: 03 Aug 2024 18:19

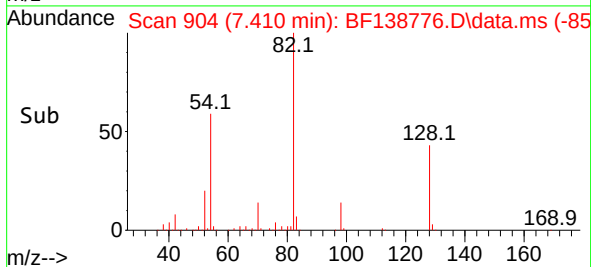
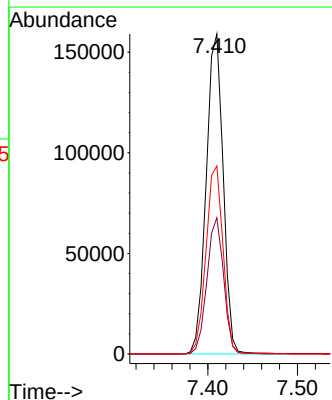
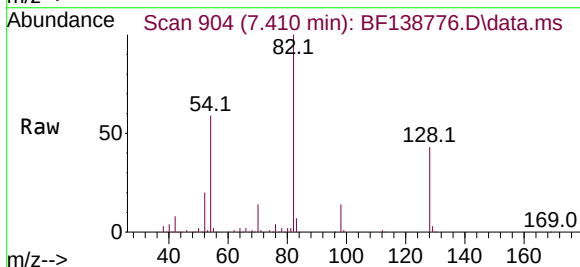
Instrument :
BNA_F
ClientSampleId :
TP7

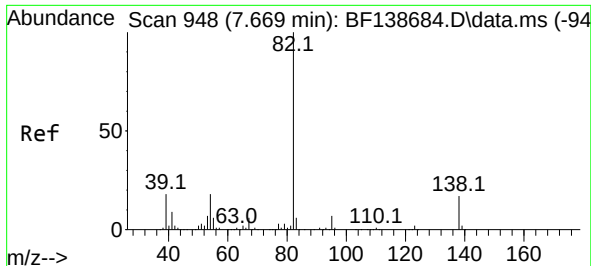
Tgt Ion:	136	Resp:	170771
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	9.7	8.6	12.8
68	5.6	4.8	7.2



#23
Nitrobenzene-d5
Concen: 59.851 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.000 min
Lab File: BF138776.D
Acq: 03 Aug 2024 18:19

Tgt Ion:	82	Resp:	209052
Ion	Ratio	Lower	Upper
82	100		
128	42.5	32.8	49.2
54	58.8	48.3	72.5

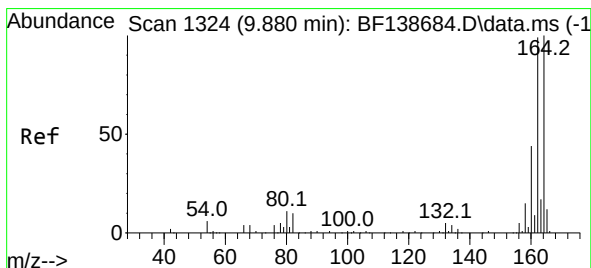
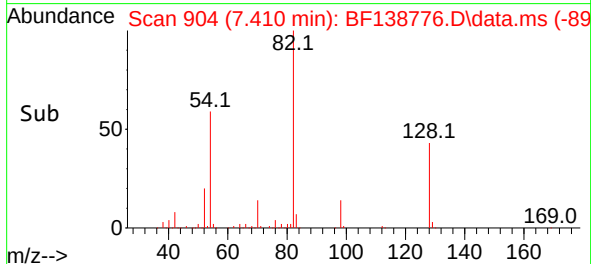
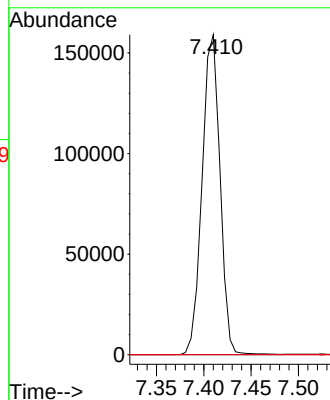
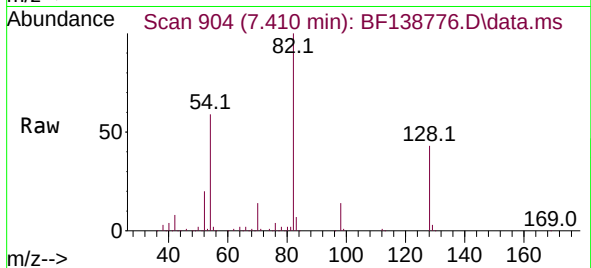




#25
Isophorone
Concen: 35.051 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF138776.D
Acq: 03 Aug 2024 18:19

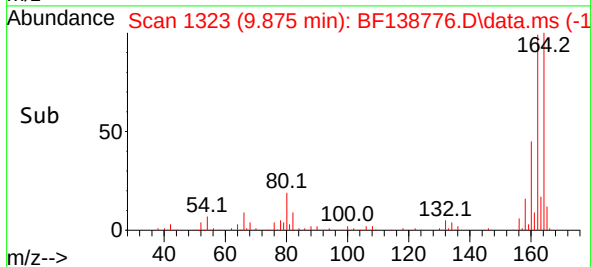
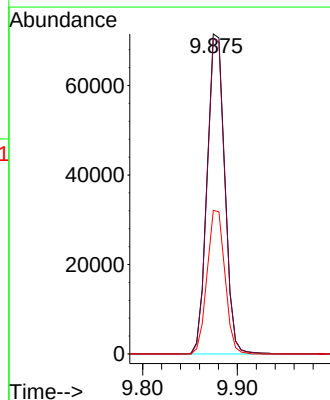
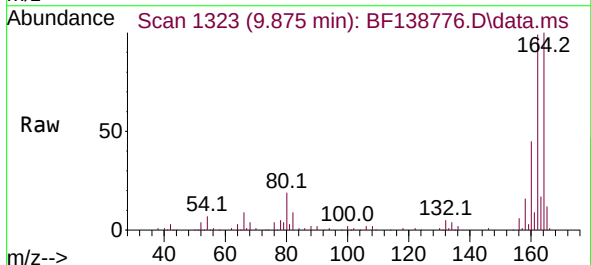
Instrument :
BNA_F
ClientSampleId :
TP7

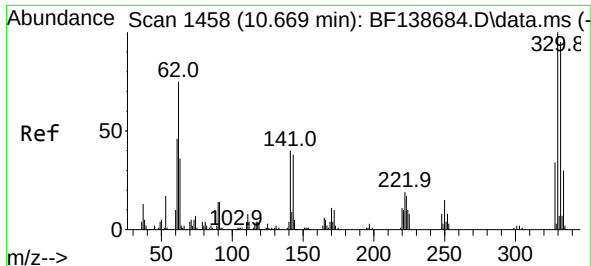
Tgt Ion: 82 Resp: 209050
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF138776.D
Acq: 03 Aug 2024 18:19

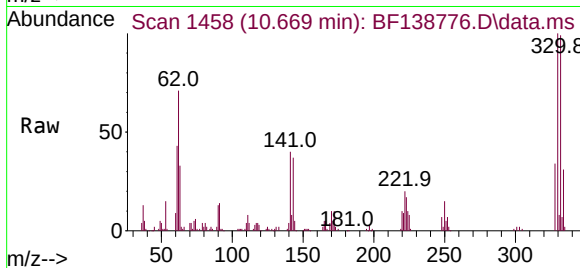
Tgt Ion: 164 Resp: 92919
Ion Ratio Lower Upper
164 100
162 98.6 79.4 119.0
160 44.9 35.1 52.7



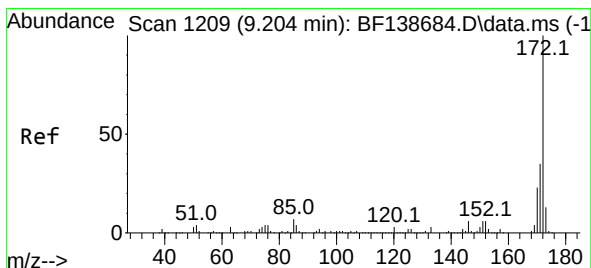
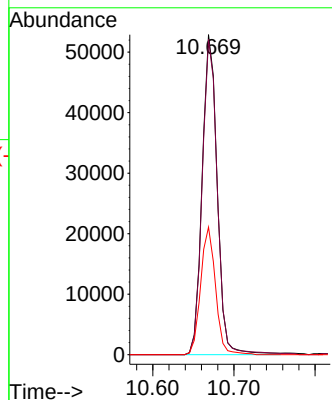
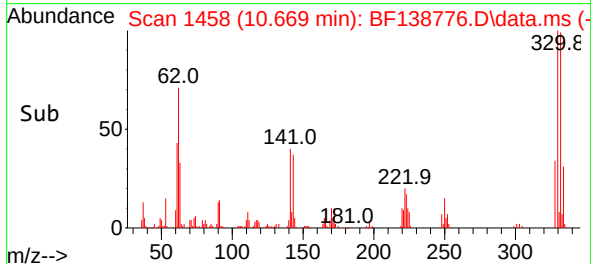


#42
2,4,6-Tribromophenol
Concen: 89.409 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF138776.D
Acq: 03 Aug 2024 18:19

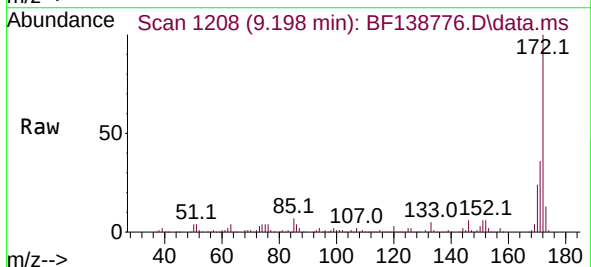
Instrument :
BNA_F
ClientSampleId :
TP7



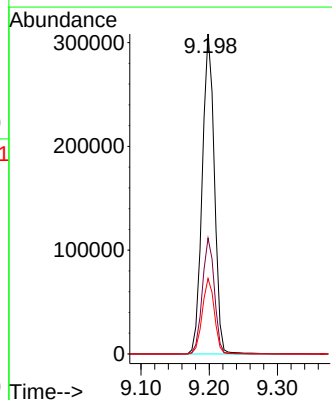
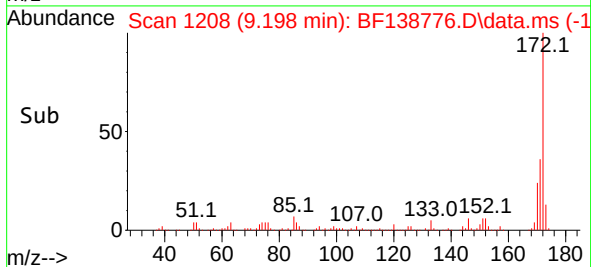
Tgt Ion:330 Resp: 68052
Ion Ratio Lower Upper
330 100
332 99.1 76.4 114.6
141 39.4 31.1 46.7

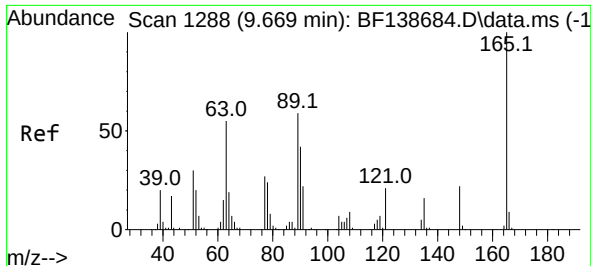


#45
2-Fluorobiphenyl
Concen: 61.705 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138776.D
Acq: 03 Aug 2024 18:19



Tgt Ion:172 Resp: 381605
Ion Ratio Lower Upper
172 100
171 36.2 28.3 42.5
170 23.6 18.8 28.2

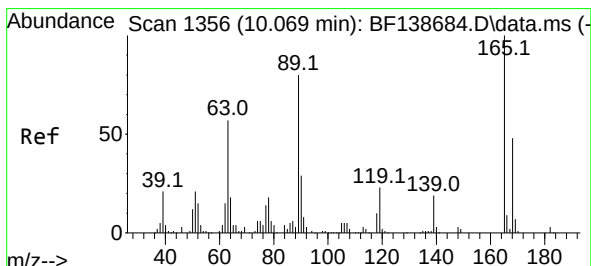
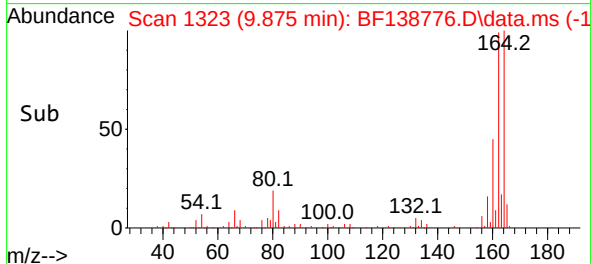
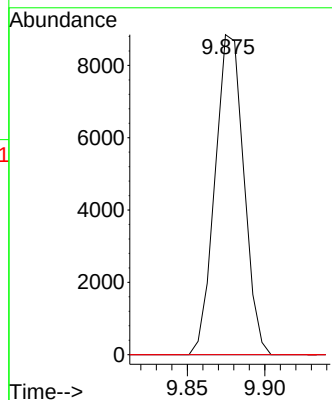
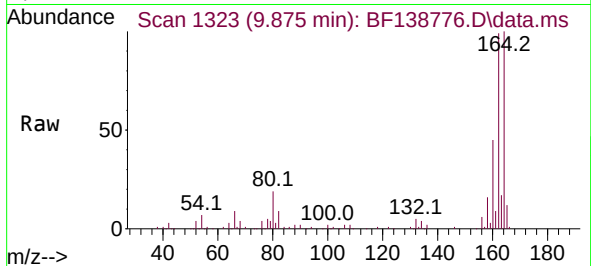




#51
2,6-Dinitrotoluene
Concen: 8.526 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF138776.D
Acq: 03 Aug 2024 18:19

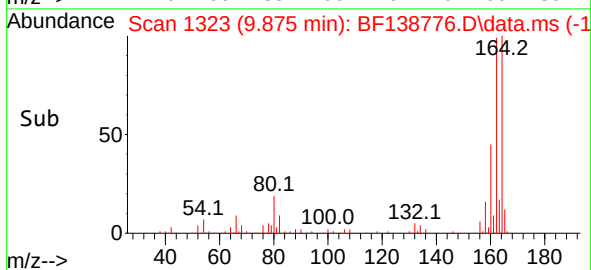
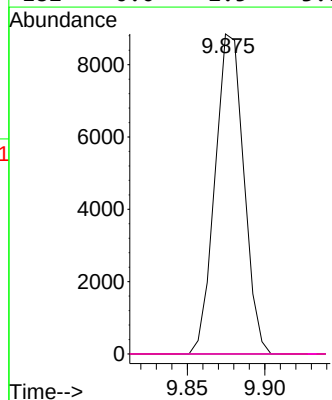
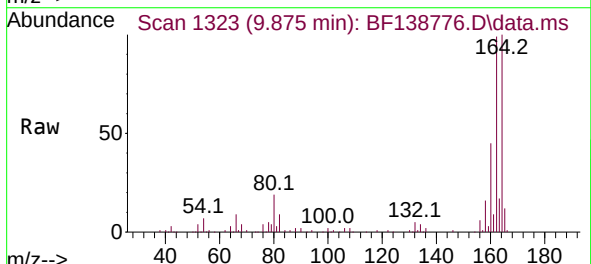
Instrument :
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ClientSampleId :
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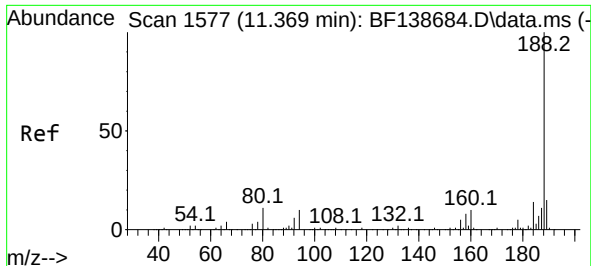
Tgt Ion:165 Resp: 11432
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 0.0 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 6.683 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.194 min
Lab File: BF138776.D
Acq: 03 Aug 2024 18:19

Tgt Ion:165 Resp: 11432
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#

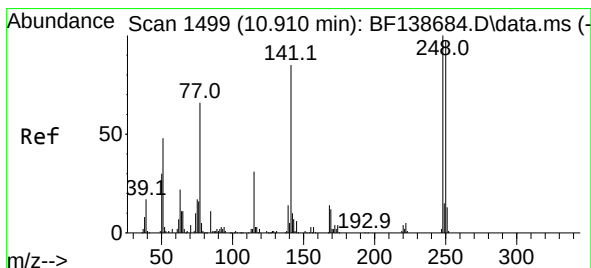
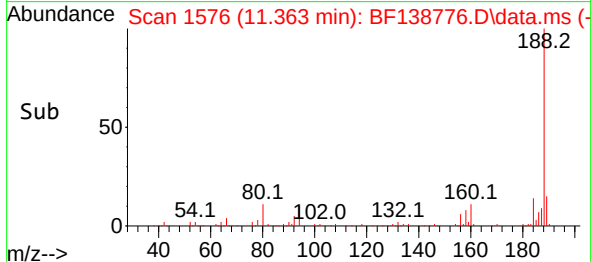
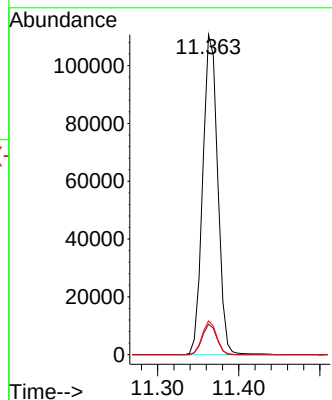
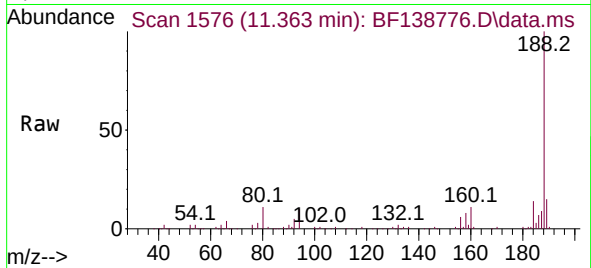




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138776.D
Acq: 03 Aug 2024 18:19

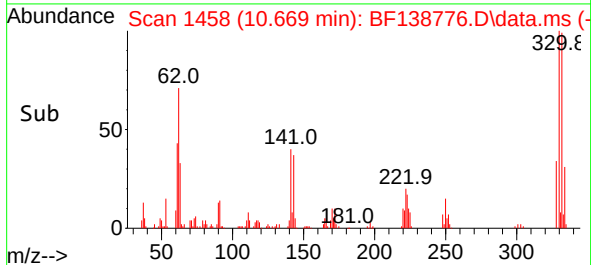
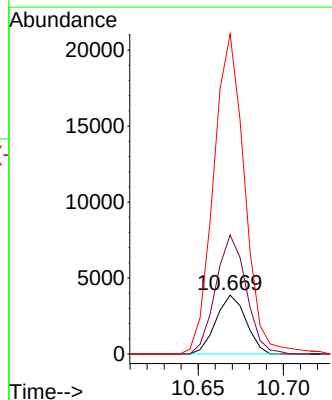
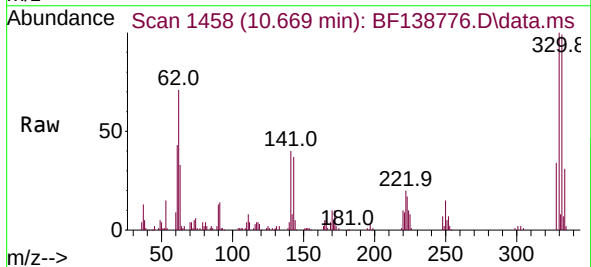
Instrument :
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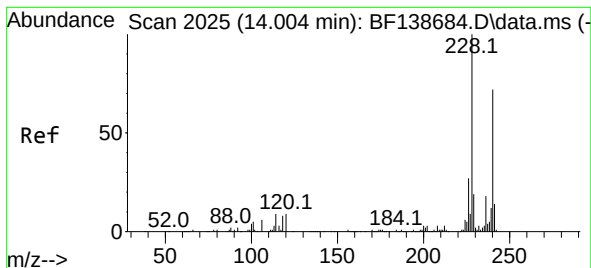
Tgt Ion:188 Resp: 141606
Ion Ratio Lower Upper
188 100
94 9.6 7.6 11.4
80 10.6 8.6 12.8



#67
4-Bromophenyl-phenylether
Concen: 3.094 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.241 min
Lab File: BF138776.D
Acq: 03 Aug 2024 18:19

Tgt Ion:248 Resp: 4744
Ion Ratio Lower Upper
248 100
250 201.8 77.7 116.5#
141 543.3 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: BF138776.D

Acq: 03 Aug 2024 18:19

Instrument :

BNA_F

ClientSampleId :

TP7

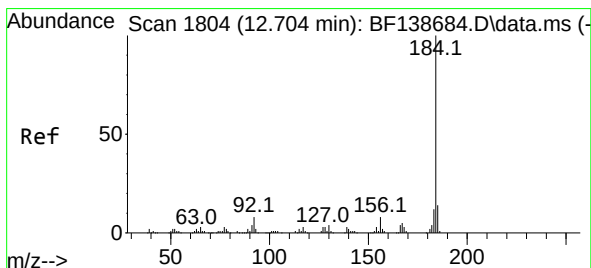
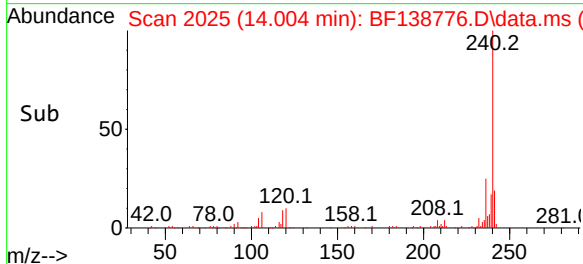
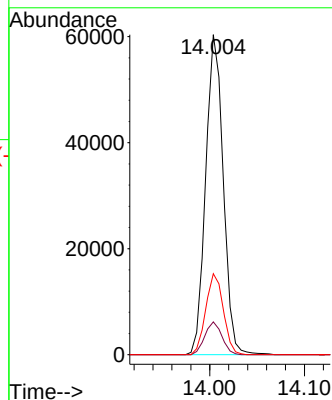
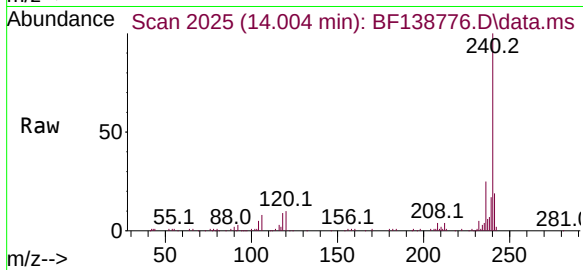
Tgt Ion:240 Resp: 77551

Ion Ratio Lower Upper

240 100

120 10.2 10.2 15.4#

236 25.3 19.8 29.8



#77

Benidine

Concen: 2.200 ng

RT: 12.951 min Scan# 1846

Delta R.T. 0.247 min

Lab File: BF138776.D

Acq: 03 Aug 2024 18:19

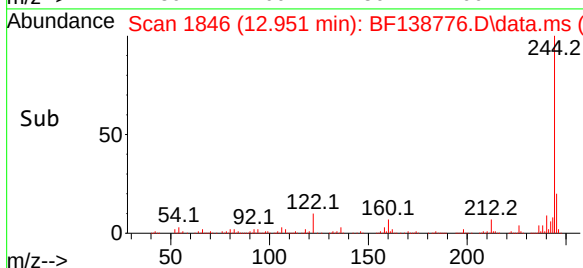
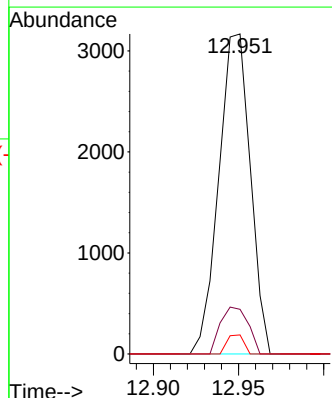
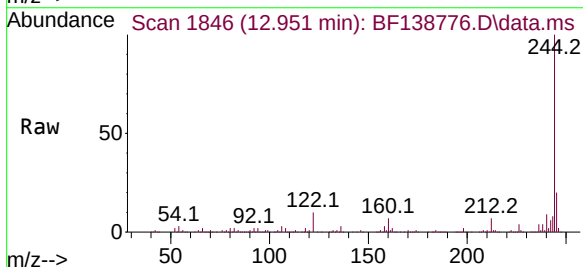
Tgt Ion:184 Resp: 4080

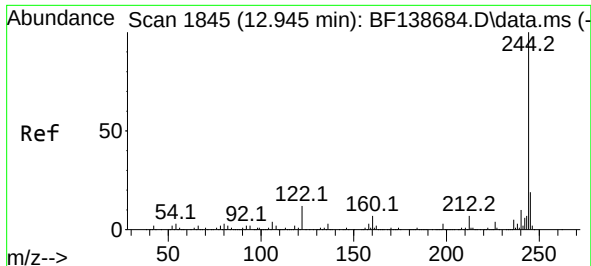
Ion Ratio Lower Upper

184 100

185 14.0 11.1 16.7

183 6.0 9.6 14.4#

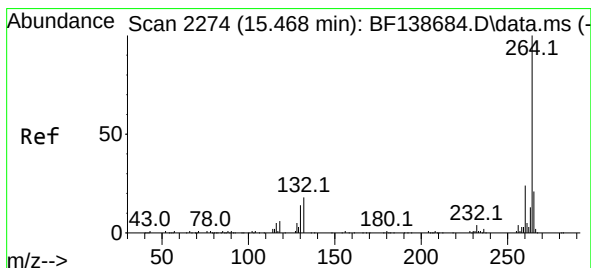
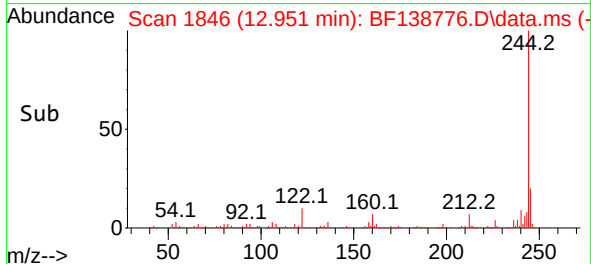
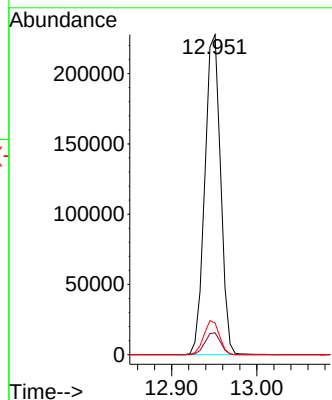
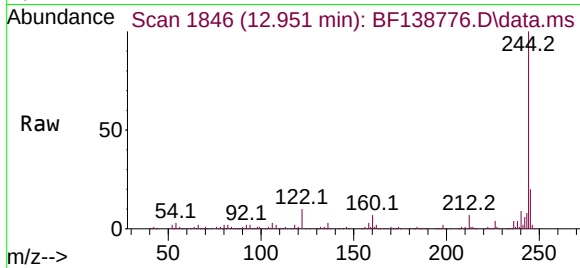




#79
 Terphenyl-d14
 Concen: 63.149 ng
 RT: 12.951 min Scan# 1846
 Delta R.T. 0.006 min
 Lab File: BF138776.D
 Acq: 03 Aug 2024 18:19

Instrument :
 BNA_F
 ClientSampleId :
 TP7

Tgt Ion:244 Resp: 292500
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 9.9 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 2275
 Delta R.T. 0.006 min
 Lab File: BF138776.D
 Acq: 03 Aug 2024 18:19

Tgt Ion:264 Resp: 93318
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.6
 265 21.9 17.0 25.6

