

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081324\
 Data File : BF138981.D
 Acq On : 13 Aug 2024 19:03
 Operator : RC/JU
 Sample : PB162660BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162660BL

Quant Time: Aug 14 00:36:17 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)

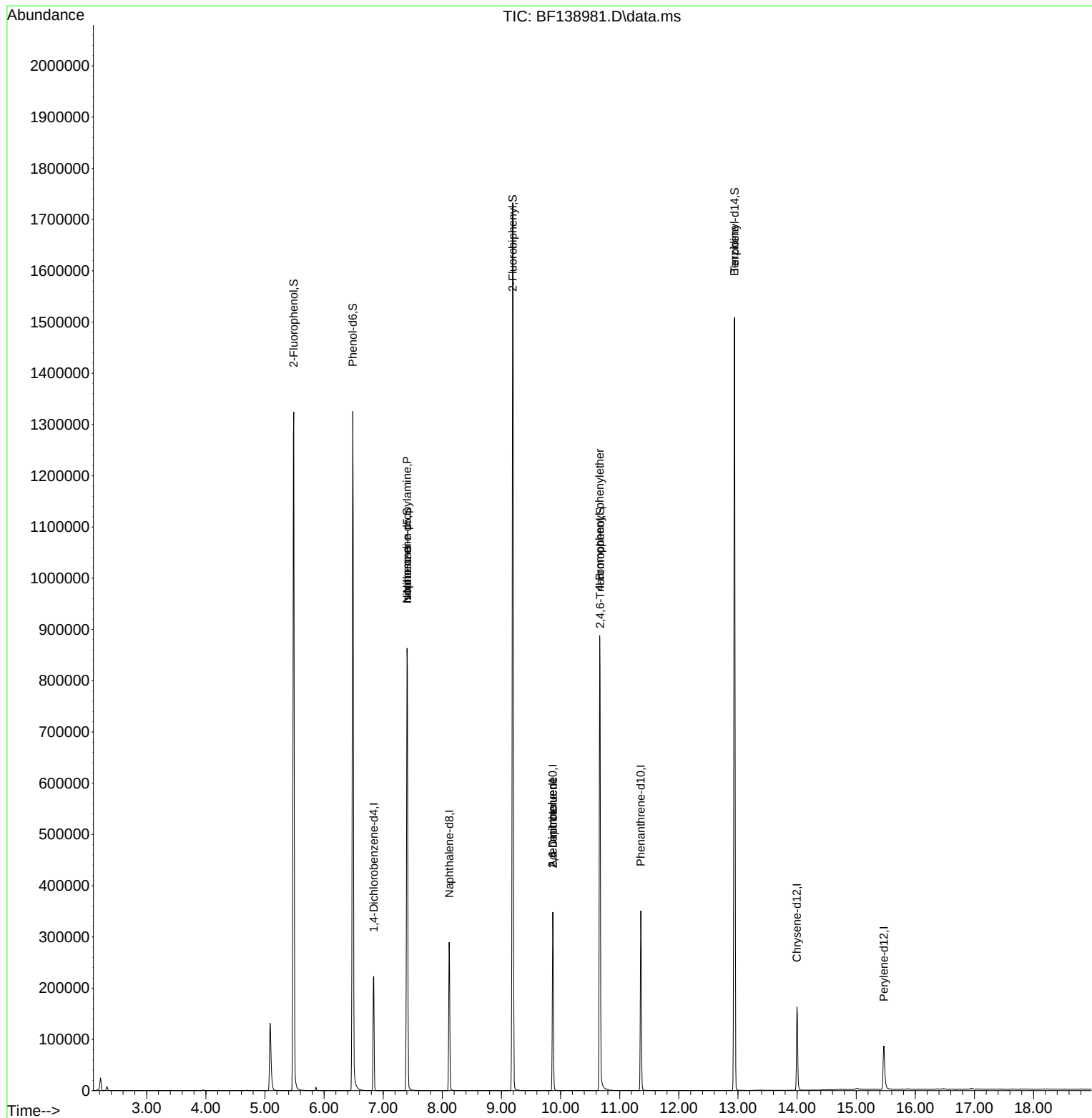
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	42604	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	177345	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	101526	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	180088	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	84713	20.000	ng	0.00
86) Perylene-d12	15.468	264	66354	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	460150	166.724	ng	0.02
7) Phenol-d6	6.487	99	607297	163.890	ng	0.00
23) Nitrobenzene-d5	7.404	82	403305	111.185	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	137361	165.170	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	755491	111.806	ng	-0.01
79) Terphenyl-d14	12.945	244	746593	147.557	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	55902	24.978	ng	# 81
25) Isophorone	7.404	82	403302	65.114	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	12763	8.712	ng	# 20
57) 2,4-Dinitrotoluene	9.869	165	12763	6.828	ng	# 17
67) 4-Bromophenyl-phenylether	10.663	248	9793	5.023	ng	# 1
77) Benzidine	12.939	184	10775	5.318	ng	# 92

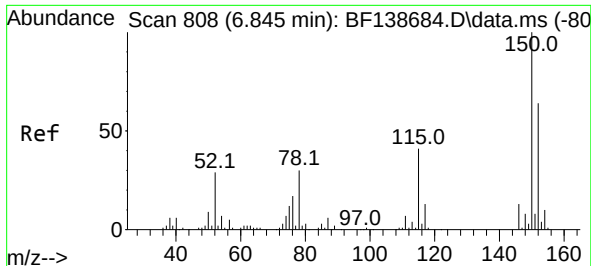
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081324\
Data File : BF138981.D
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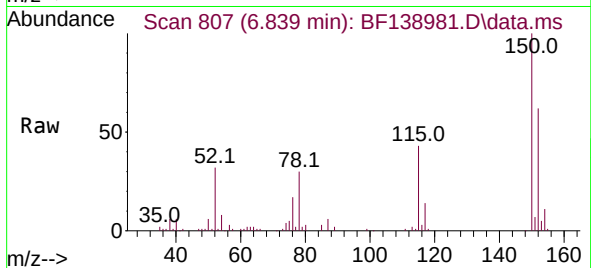
Quant Time: Aug 14 00:36:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration



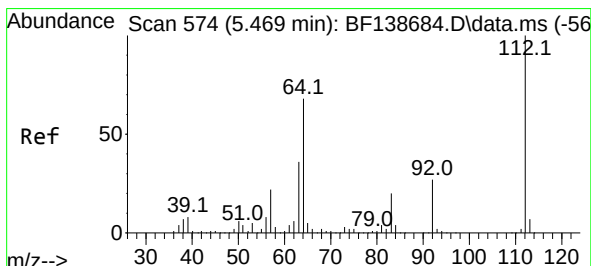
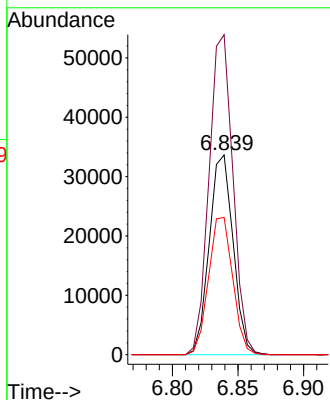
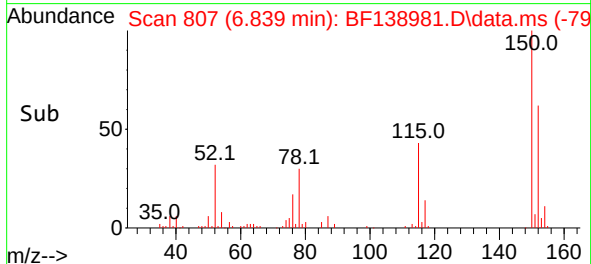


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF138981.D
Acq: 13 Aug 2024 19:03

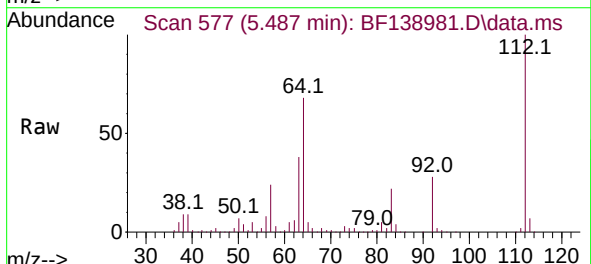
Instrument :
BNA_F
ClientSampleId :
PB162660BL



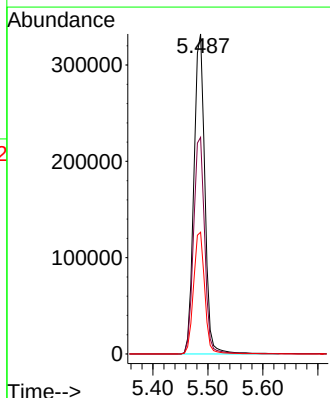
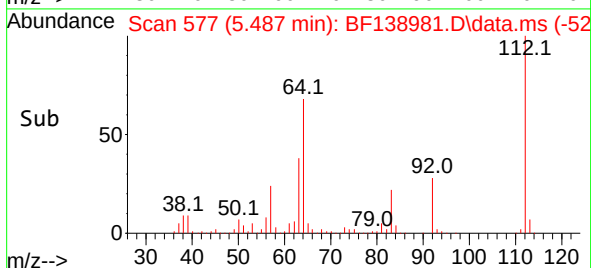
Tgt Ion:152 Resp: 42604
Ion Ratio Lower Upper
152 100
150 160.3 126.0 189.0
115 68.7 51.7 77.5

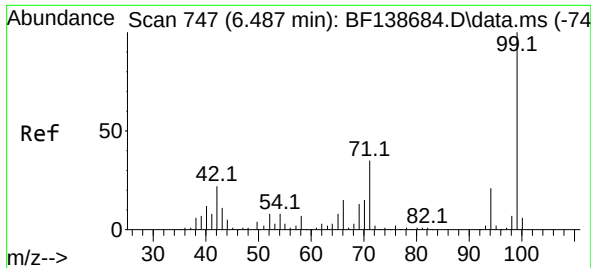


#5
2-Fluorophenol
Concen: 166.724 ng
RT: 5.487 min Scan# 577
Delta R.T. 0.018 min
Lab File: BF138981.D
Acq: 13 Aug 2024 19:03



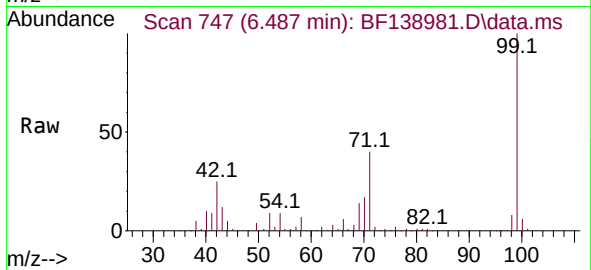
Tgt Ion:112 Resp: 460150
Ion Ratio Lower Upper
112 100
64 67.7 54.2 81.4
63 38.1 28.7 43.1





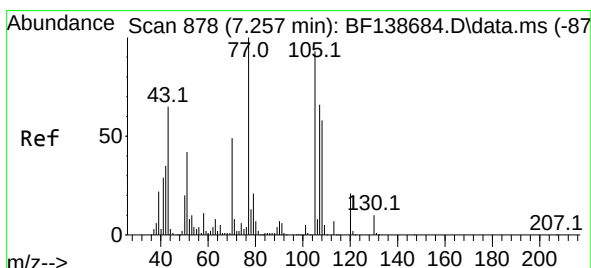
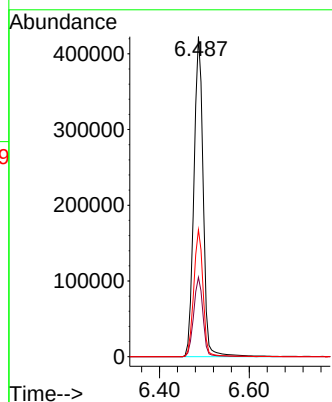
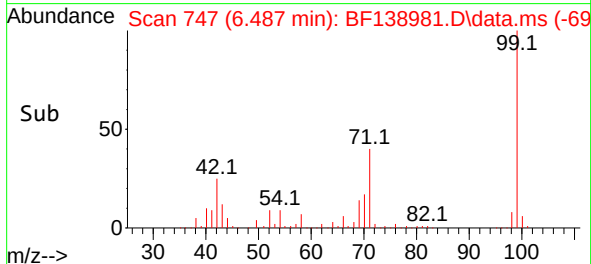
#7
Phenol-d6
Concen: 163.890 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF138981.D
Acq: 13 Aug 2024 19:03

Instrument :
BNA_F
ClientSampleId :
PB162660BL

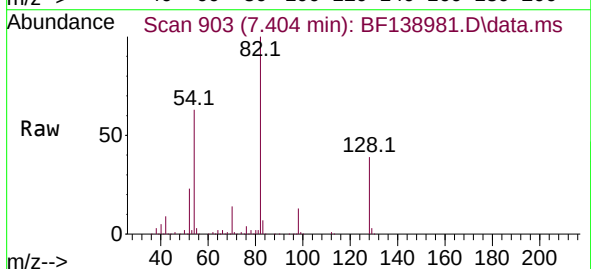


Tgt Ion: 99 Resp: 607297

Ion	Ratio	Lower	Upper
99	100		
42	24.8	17.4	26.0
71	39.7	28.1	42.1

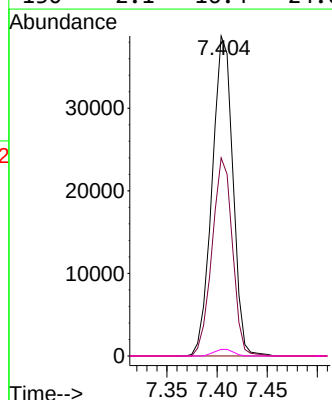
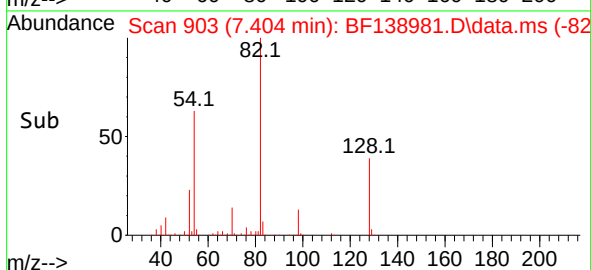


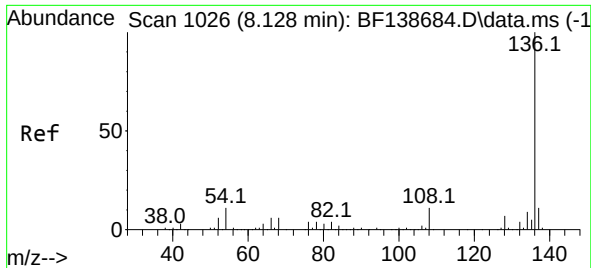
#19
n-Nitroso-di-n-propylamine
Concen: 24.978 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138981.D
Acq: 13 Aug 2024 19:03



Tgt Ion: 70 Resp: 55902

Ion	Ratio	Lower	Upper
70	100		
42	61.9	57.4	86.0
101	0.0	7.5	11.3#
130	2.1	16.4	24.6#



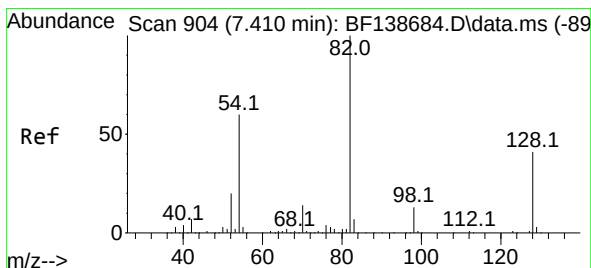
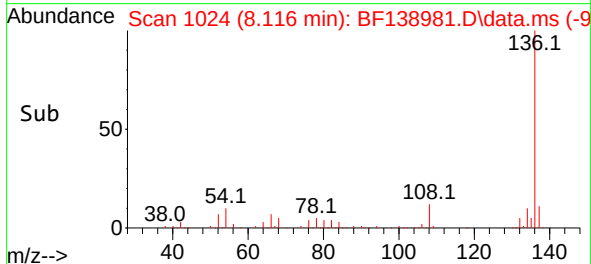
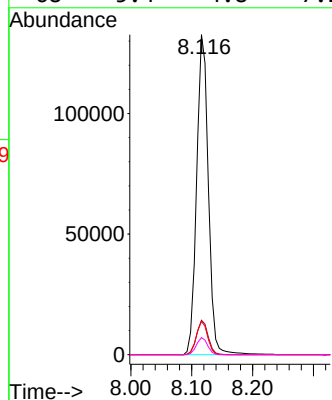
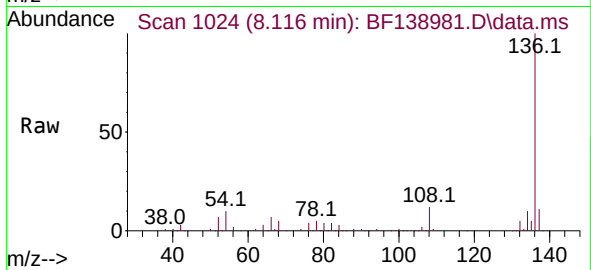


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF138981.D
Acq: 13 Aug 2024 19:03

Instrument :
BNA_F
ClientSampleId :
PB162660BL

Tgt Ion:136 Resp: 177345

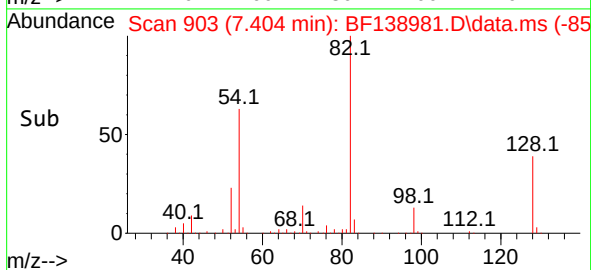
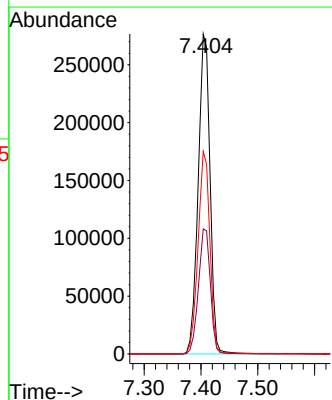
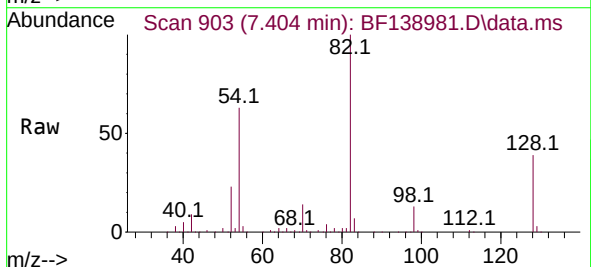
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	10.4	8.6	12.8
68	5.4	4.8	7.2

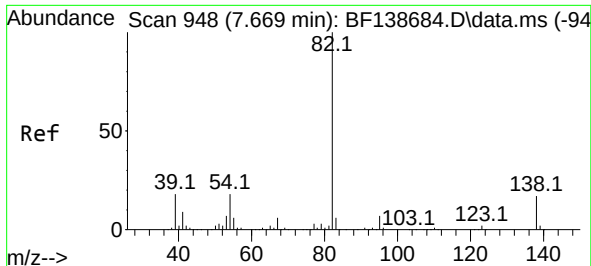


#23
Nitrobenzene-d5
Concen: 111.185 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138981.D
Acq: 13 Aug 2024 19:03

Tgt Ion: 82 Resp: 403305

Ion	Ratio	Lower	Upper
82	100		
128	39.1	32.8	49.2
54	63.3	48.3	72.5

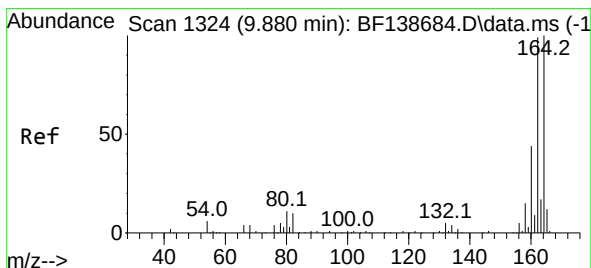
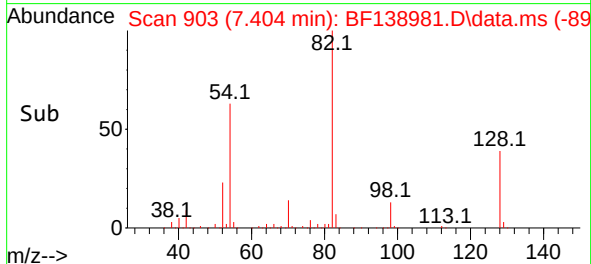
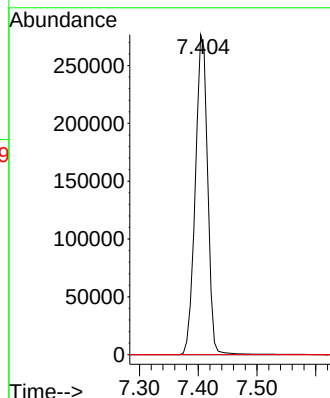
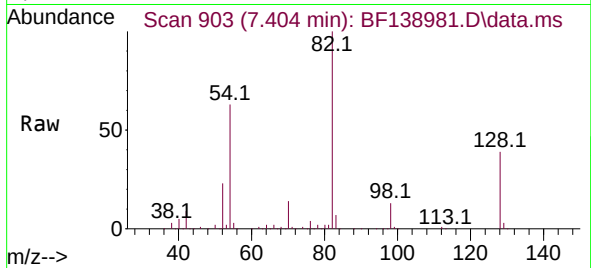




#25
Isophorone
Concen: 65.114 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138981.D
Acq: 13 Aug 2024 19:03

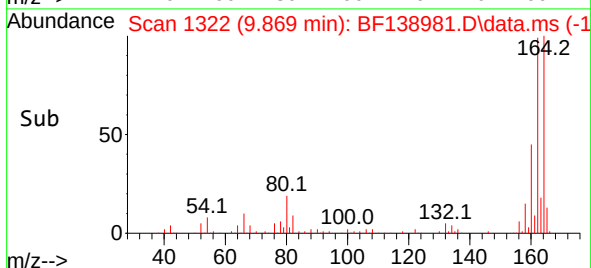
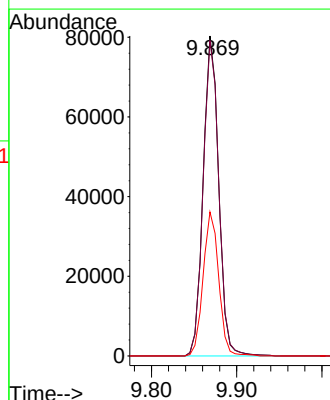
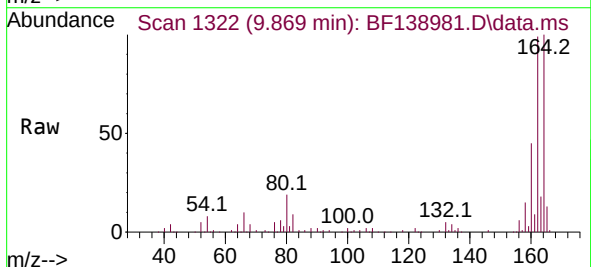
Instrument :
BNA_F
ClientSampleId :
PB162660BL

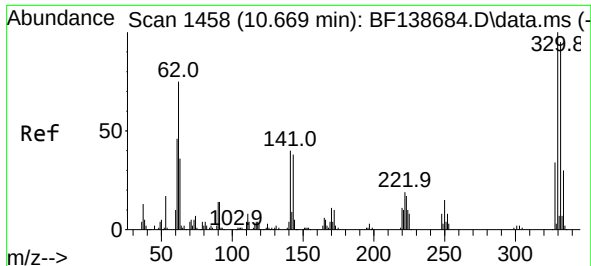
Tgt Ion: 82 Resp: 403302
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF138981.D
Acq: 13 Aug 2024 19:03

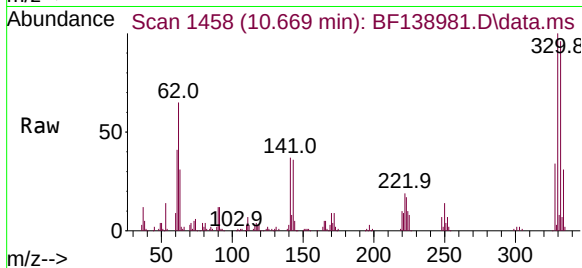
Tgt Ion:164 Resp: 101526
Ion Ratio Lower Upper
164 100
162 98.6 79.4 119.0
160 45.0 35.1 52.7



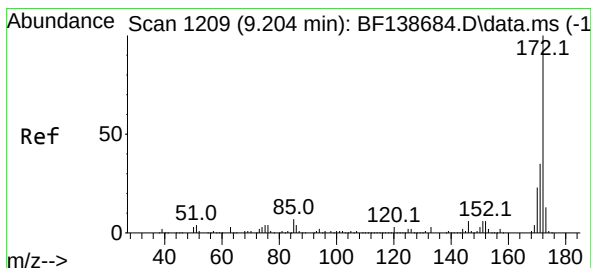
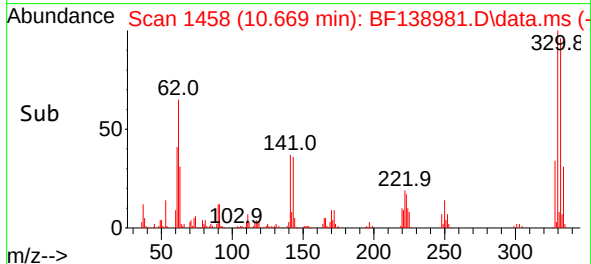
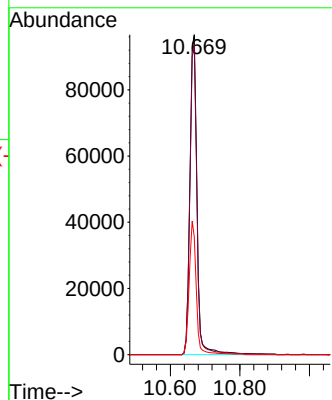


#42
2,4,6-Tribromophenol
Concen: 165.170 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF138981.D
Acq: 13 Aug 2024 19:03

Instrument :
BNA_F
ClientSampleId :
PB162660BL

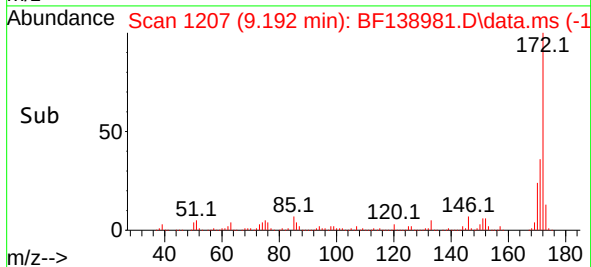
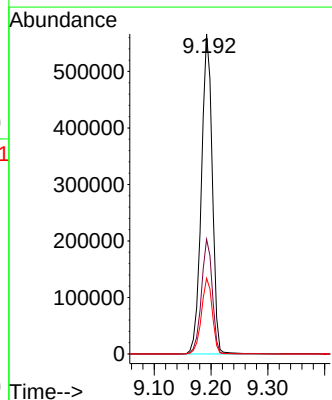
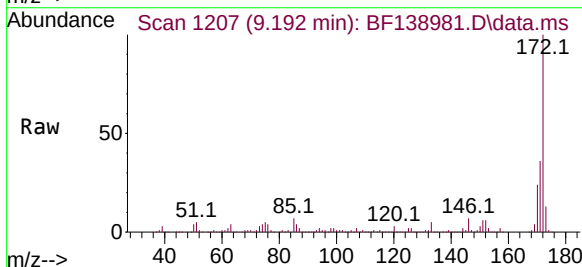


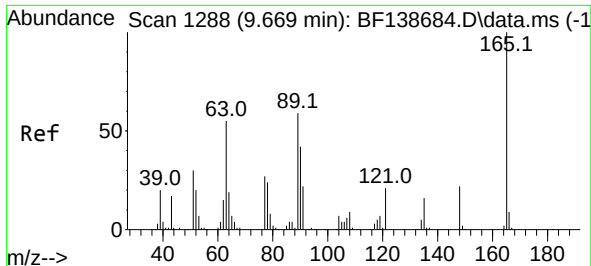
Tgt Ion: 330 Resp: 137361
Ion Ratio Lower Upper
330 100
332 95.0 76.4 114.6
141 41.1 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 111.806 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138981.D
Acq: 13 Aug 2024 19:03

Tgt Ion: 172 Resp: 755491
Ion Ratio Lower Upper
172 100
171 35.9 28.3 42.5
170 23.7 18.8 28.2

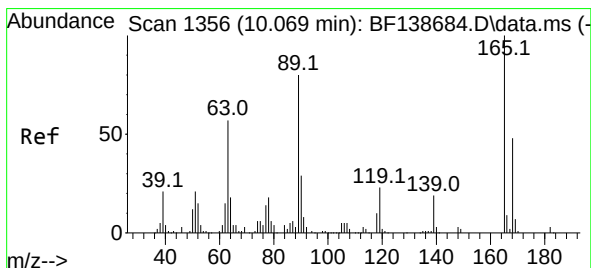
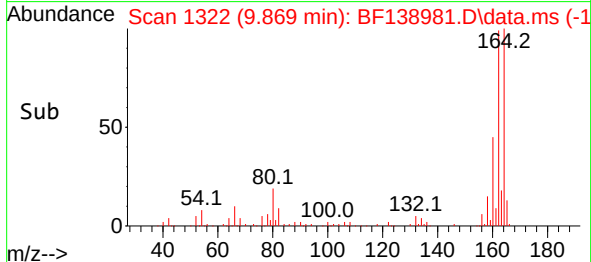
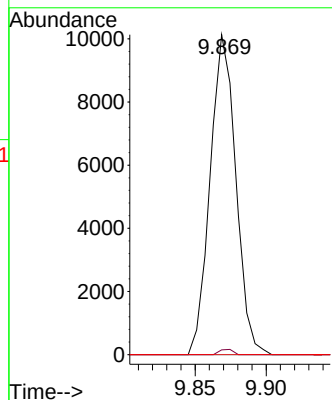
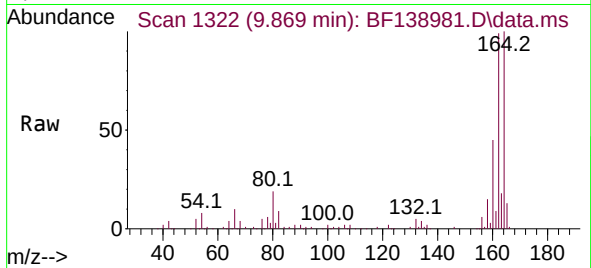




#51
2,6-Dinitrotoluene
Concen: 8.712 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138981.D
Acq: 13 Aug 2024 19:03

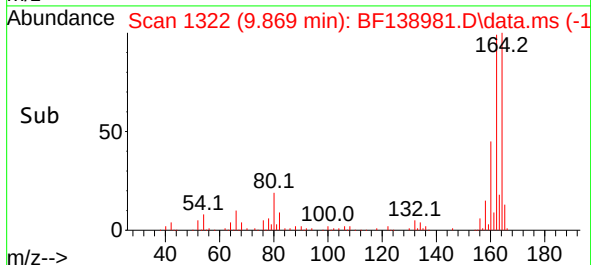
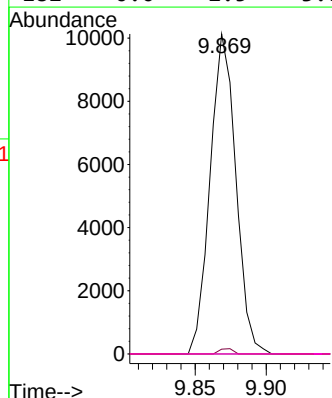
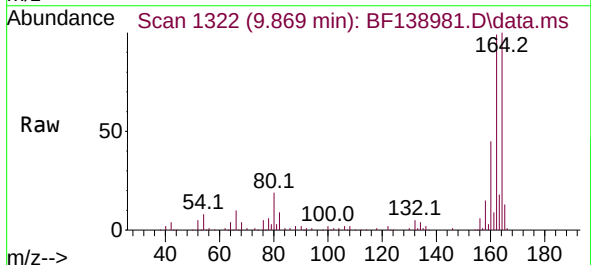
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BNA_F
ClientSampleId :
PB162660BL

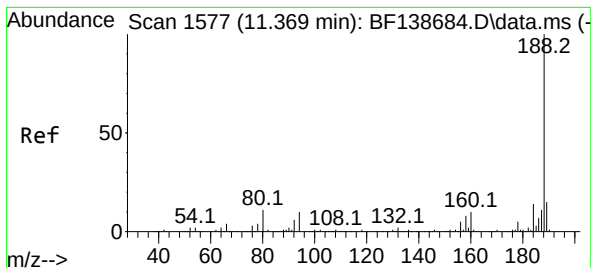
Tgt Ion:165 Resp: 12763
Ion Ratio Lower Upper
165 100
63 1.5 52.0 78.0#
89 0.0 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 6.828 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF138981.D
Acq: 13 Aug 2024 19:03

Tgt Ion:165 Resp: 12763
Ion Ratio Lower Upper
165 100
63 1.5 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: 11.357 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138981.D

Acq: 13 Aug 2024 19:03

Instrument :

BNA_F

ClientSampleId :

PB162660BL

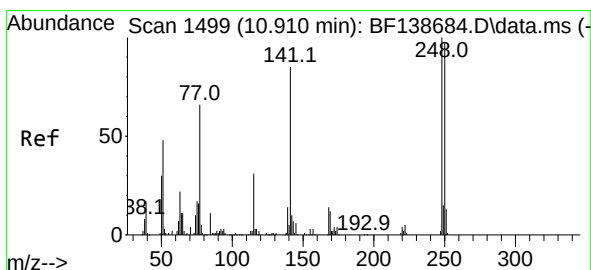
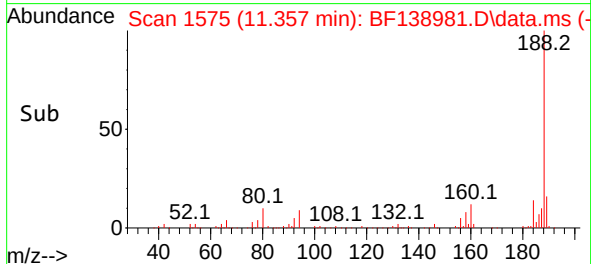
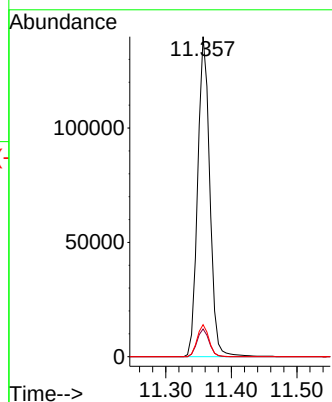
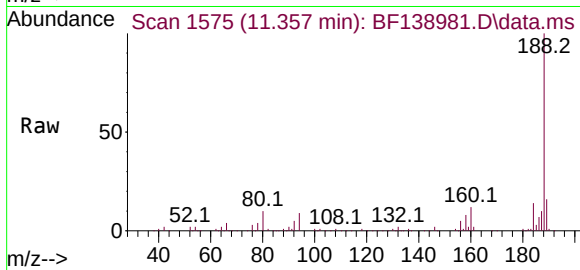
Tgt Ion:188 Resp: 180088

Ion Ratio Lower Upper

188 100

94 8.7 7.6 11.4

80 10.0 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 5.023 ng

RT: 10.663 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF138981.D

Acq: 13 Aug 2024 19:03

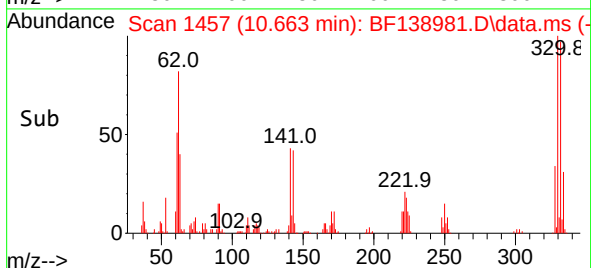
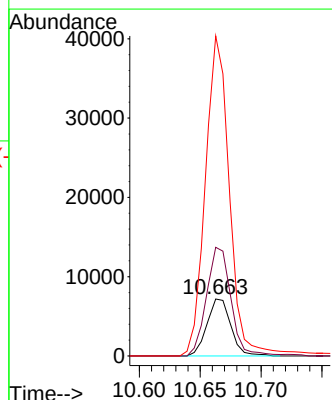
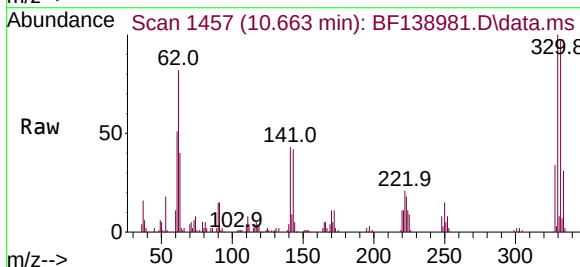
Tgt Ion:248 Resp: 9793

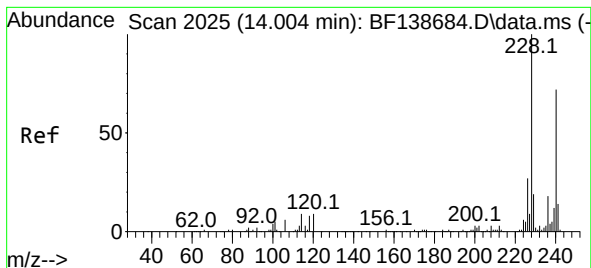
Ion Ratio Lower Upper

248 100

250 190.4 77.7 116.5#

141 561.0 68.0 102.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF138981.D

Acq: 13 Aug 2024 19:03

Instrument :

BNA_F

ClientSampleId :

PB162660BL

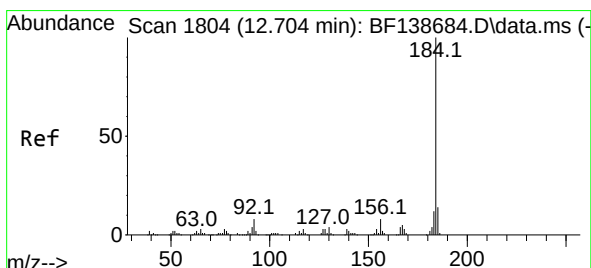
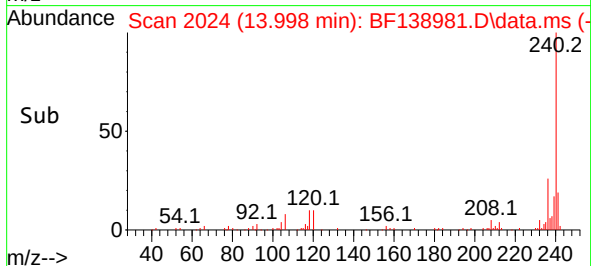
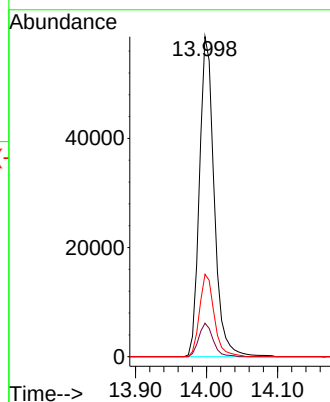
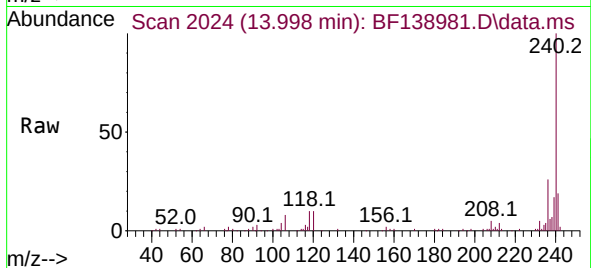
Tgt Ion:240 Resp: 84713

Ion Ratio Lower Upper

240 100

120 10.4 10.2 15.4

236 25.7 19.8 29.8



#77

Benzidine

Concen: 5.318 ng

RT: 12.939 min Scan# 1844

Delta R.T. 0.235 min

Lab File: BF138981.D

Acq: 13 Aug 2024 19:03

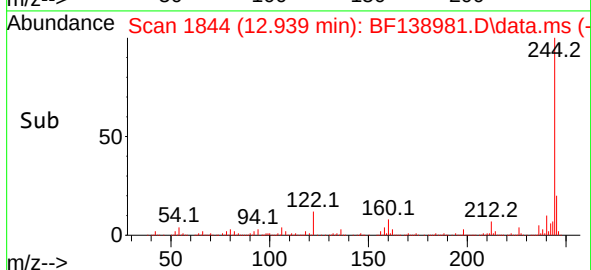
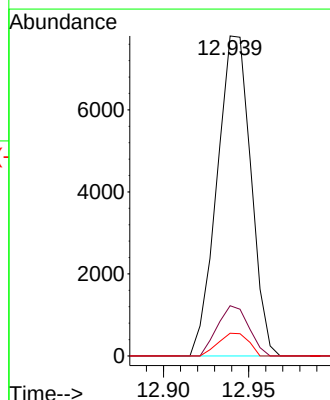
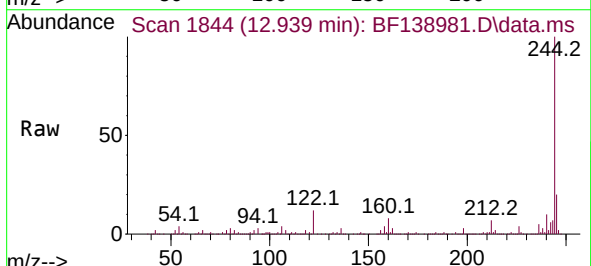
Tgt Ion:184 Resp: 10775

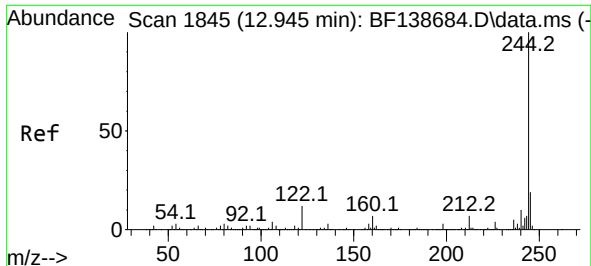
Ion Ratio Lower Upper

184 100

185 15.7 11.1 16.7

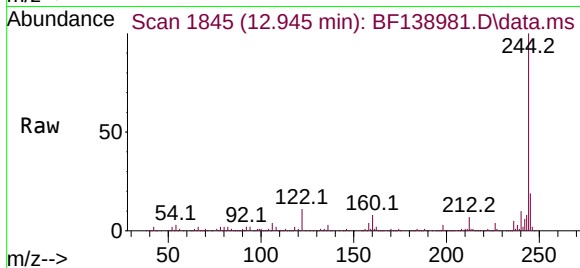
183 7.1 9.6 14.4#



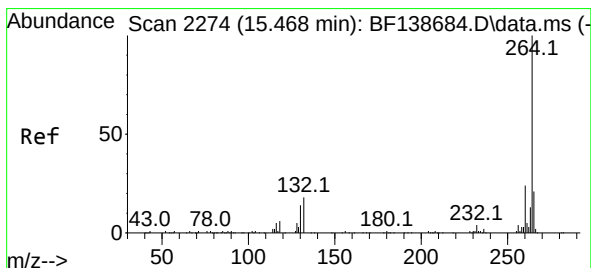
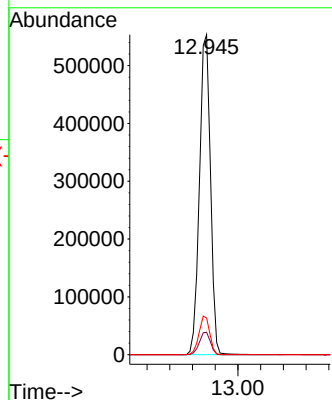
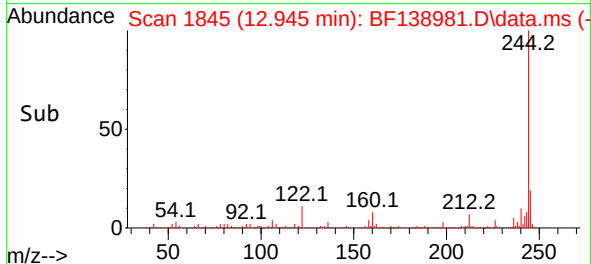


#79
Terphenyl-d14
Concen: 147.557 ng
RT: 12.945 min Scan# 1845
Delta R.T. -0.000 min
Lab File: BF138981.D
Acq: 13 Aug 2024 19:03

Instrument :
BNA_F
ClientSampleId :
PB162660BL



Tgt Ion:244 Resp: 746593
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 11.5 9.6 14.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2274
Delta R.T. -0.000 min
Lab File: BF138981.D
Acq: 13 Aug 2024 19:03

Tgt Ion:264 Resp: 66354
Ion Ratio Lower Upper
264 100
260 24.3 19.0 28.6
265 21.0 17.0 25.6

