

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080324\
 Data File : BF138766.D
 Acq On : 03 Aug 2024 13:06
 Operator : RC/JU
 Sample : P3393-26
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EB-02-072624

Quant Time: Aug 05 00:50:33 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)

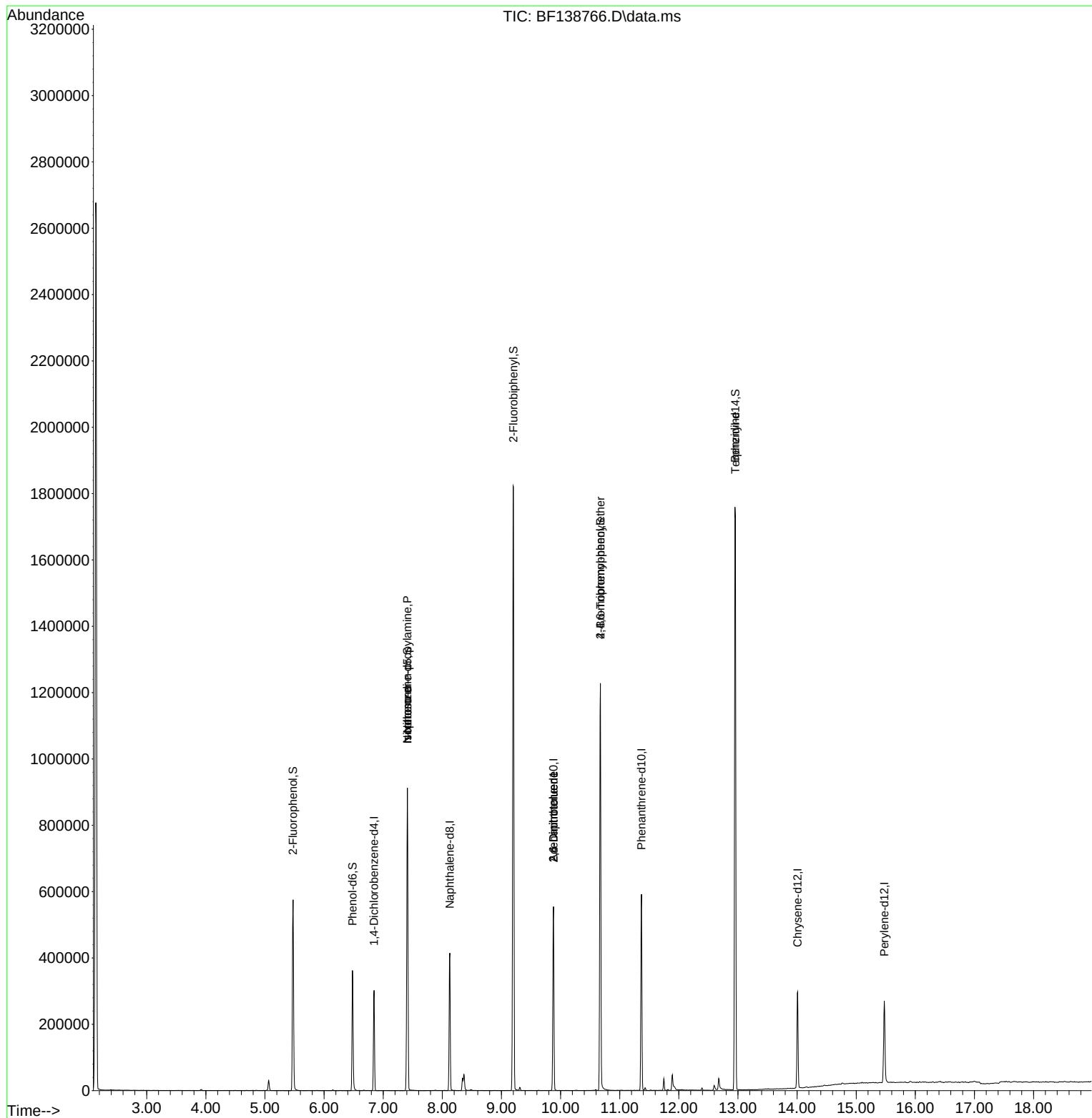
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	59945	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	257179	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	162316	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	301171	20.000	ng	0.00
76) Chrysene-d12	14.010	240	137794	20.000	ng	0.00
86) Perylene-d12	15.474	264	142490	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	195038	50.225	ng	0.00
7) Phenol-d6	6.481	99	158052	30.314	ng	0.00
23) Nitrobenzene-d5	7.410	82	417944	79.454	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	192516	144.794	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	829518	76.785	ng	0.00
79) Terphenyl-d14	12.957	244	881778	107.141	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.410	70	56135	17.826	ng	# 75
25) Isophorone	7.410	82	414423	46.139	ng	# 66
51) 2,6-Dinitrotoluene	9.880	165	20807	8.883	ng	# 21
57) 2,4-Dinitrotoluene	9.880	165	20807	6.963	ng	# 18
67) 4-Bromophenyl-phenylether	10.674	248	13541	4.153	ng	# 1
77) Benzidine	12.951	184	12372	3.754	ng	# 90

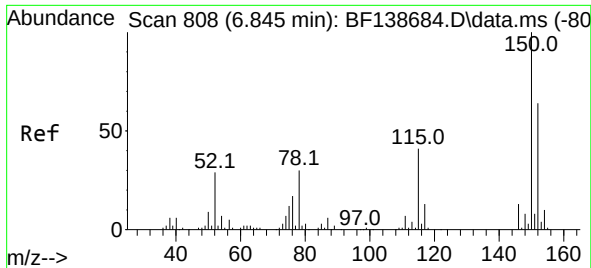
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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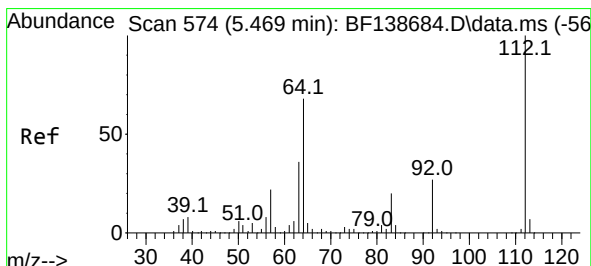
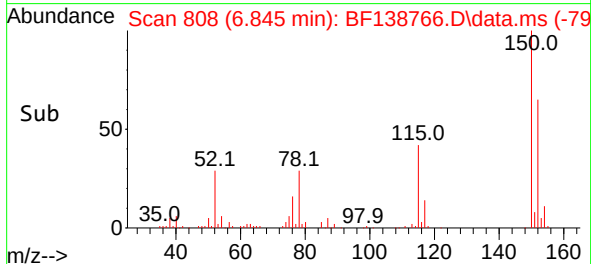
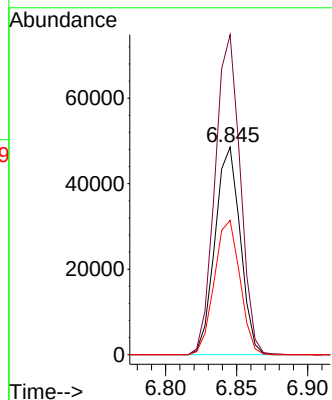
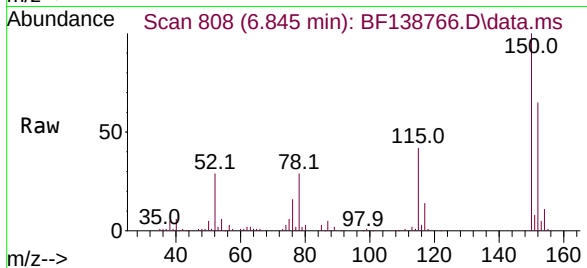




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 808
 Delta R.T. 0.000 min
 Lab File: BF138766.D
 Acq: 03 Aug 2024 13:06

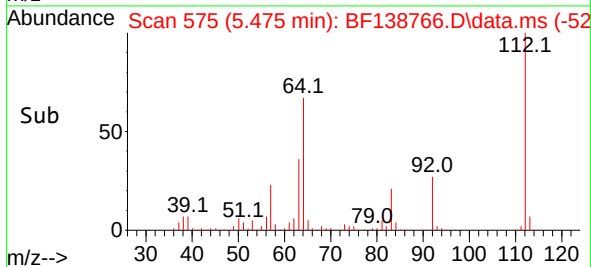
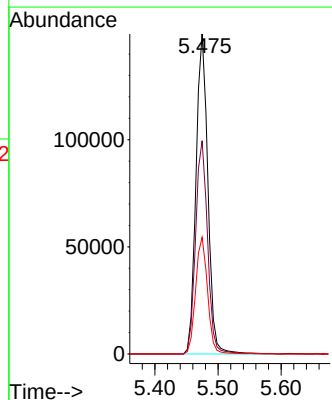
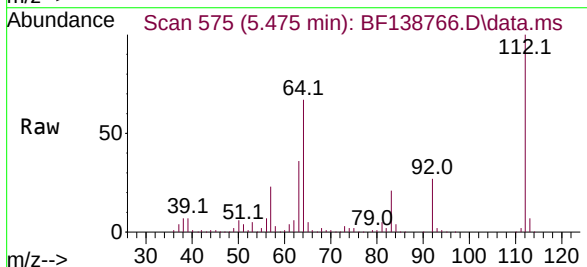
Instrument :
 BNA_F
 ClientSampleId :
 EB-02-072624

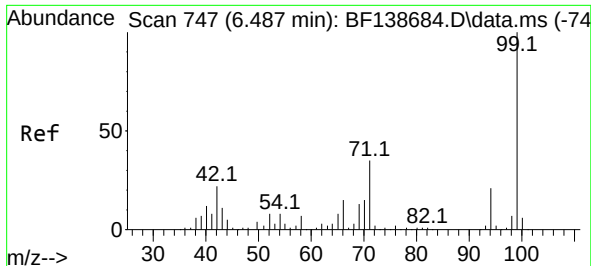
Tgt Ion:152 Resp: 59945
 Ion Ratio Lower Upper
 152 100
 150 154.2 126.0 189.0
 115 64.7 51.7 77.5



#5
 2-Fluorophenol
 Concen: 50.225 ng
 RT: 5.475 min Scan# 575
 Delta R.T. 0.006 min
 Lab File: BF138766.D
 Acq: 03 Aug 2024 13:06

Tgt Ion:112 Resp: 195038
 Ion Ratio Lower Upper
 112 100
 64 66.7 54.2 81.4
 63 36.5 28.7 43.1

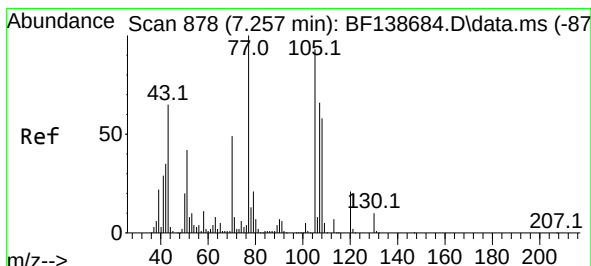
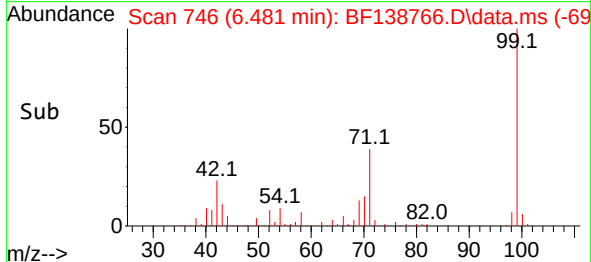
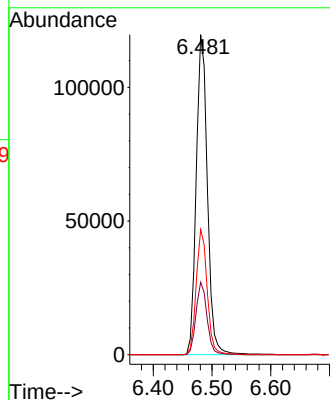
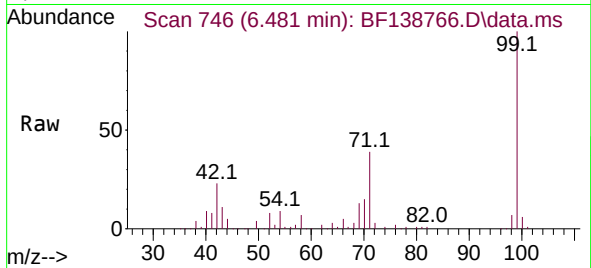




#7
Phenol-d6
Concen: 30.314 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138766.D
Acq: 03 Aug 2024 13:06

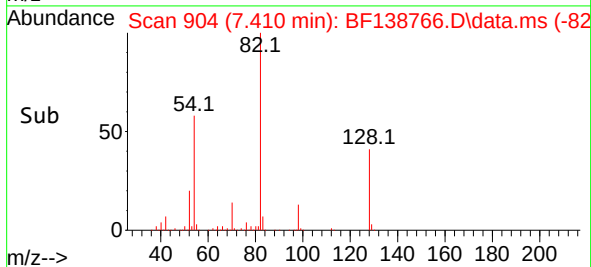
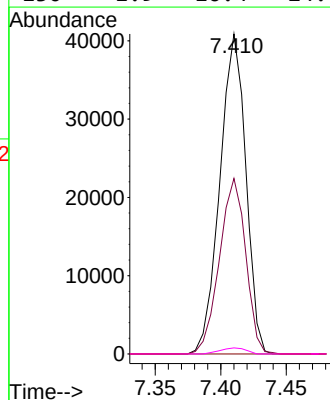
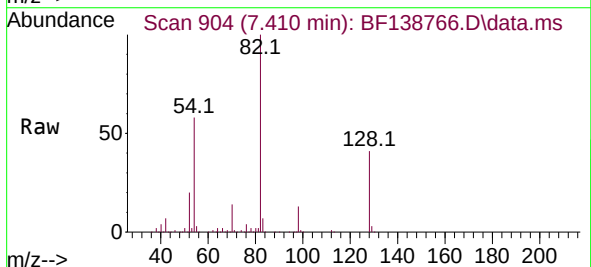
Instrument :
BNA_F
ClientSampleId :
EB-02-072624

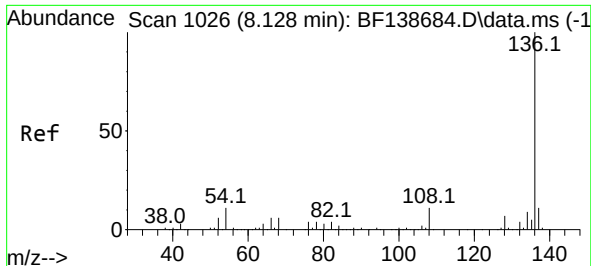
Tgt Ion: 99 Resp: 158052
Ion Ratio Lower Upper
99 100
42 22.7 17.4 26.0
71 39.1 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 17.826 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.153 min
Lab File: BF138766.D
Acq: 03 Aug 2024 13:06

Tgt Ion: 70 Resp: 56135
Ion Ratio Lower Upper
70 100
42 54.9 57.4 86.0#
101 0.0 7.5 11.3#
130 1.9 16.4 24.6#





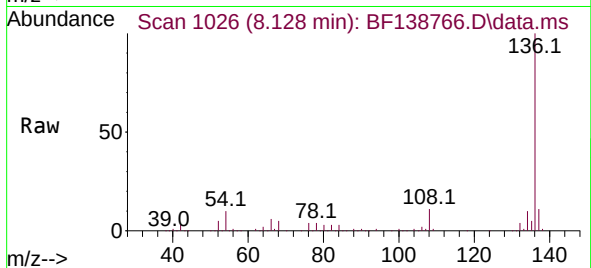
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF138766.D
Acq: 03 Aug 2024 13:06

Instrument :

BNA_F

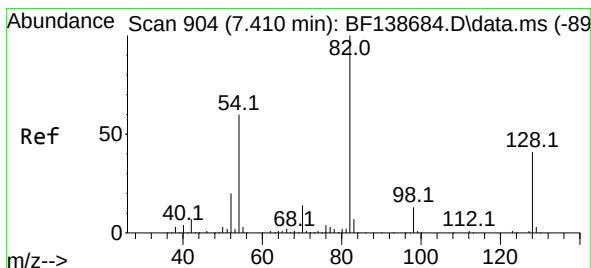
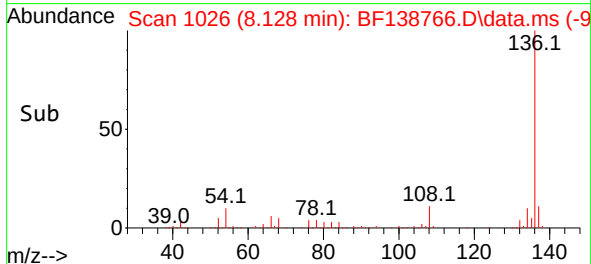
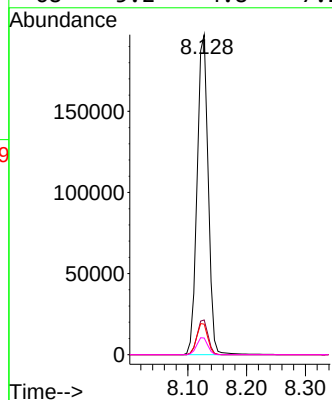
ClientSampleId :

EB-02-072624



Tgt Ion:136 Resp: 257179

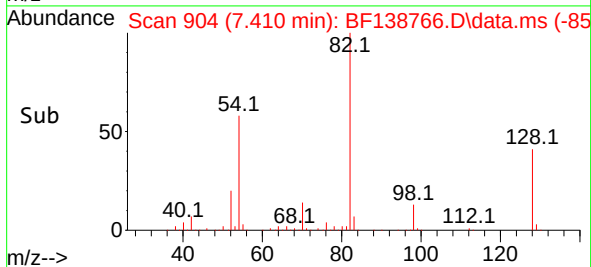
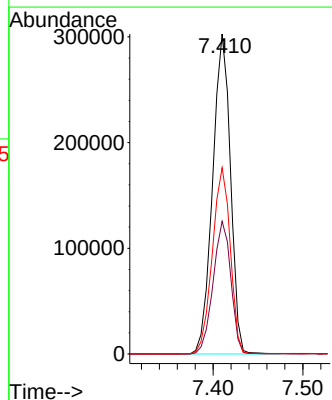
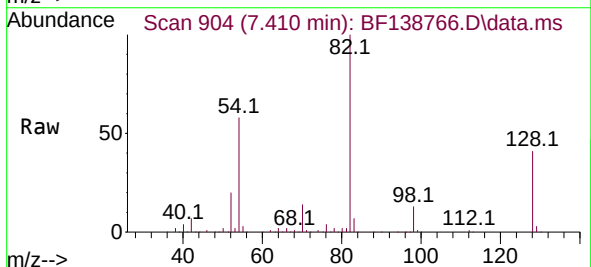
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.5	8.6	12.8
68	5.2	4.8	7.2

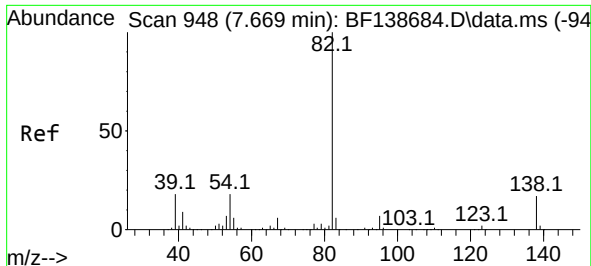


#23
Nitrobenzene-d5
Concen: 79.454 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.000 min
Lab File: BF138766.D
Acq: 03 Aug 2024 13:06

Tgt Ion: 82 Resp: 417944

Ion	Ratio	Lower	Upper
82	100		
128	41.5	32.8	49.2
54	58.2	48.3	72.5

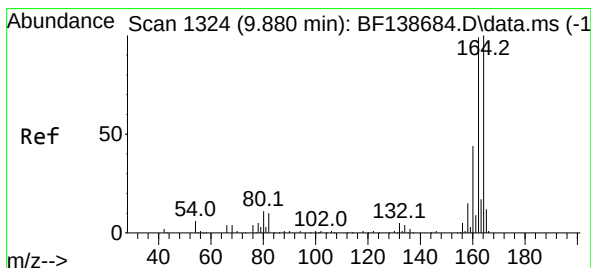
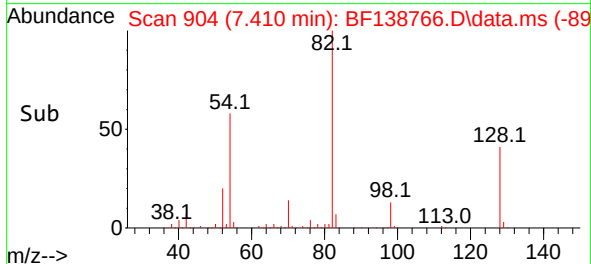
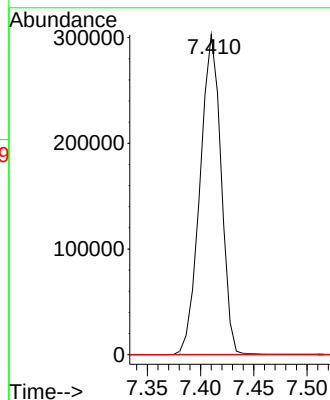
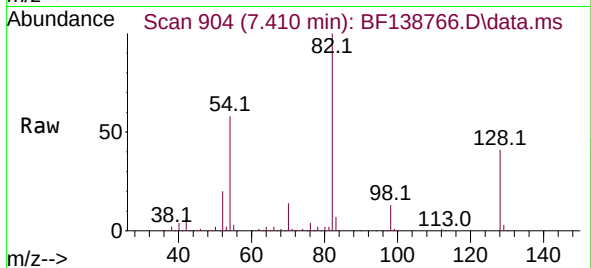




#25
Isophorone
Concen: 46.139 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.259 min
Lab File: BF138766.D
Acq: 03 Aug 2024 13:06

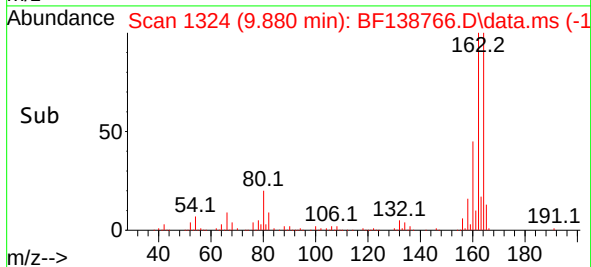
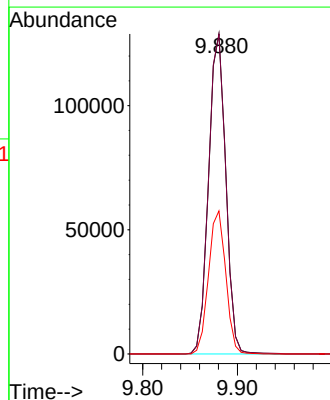
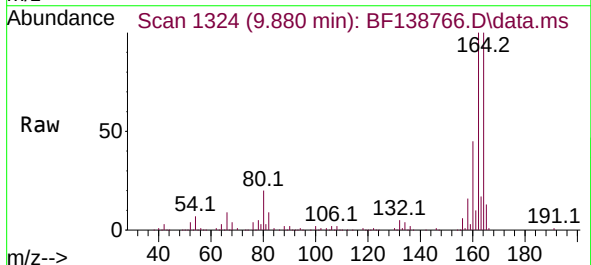
Instrument :
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ClientSampleId :
EB-02-072624

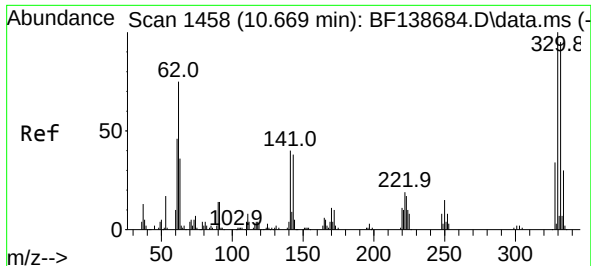
Tgt Ion: 82 Resp: 414423
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF138766.D
Acq: 03 Aug 2024 13:06

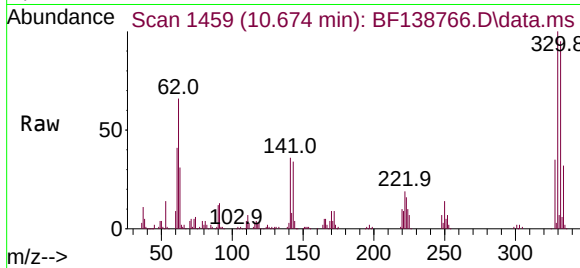
Tgt Ion:164 Resp: 162316
Ion Ratio Lower Upper
164 100
162 99.9 79.4 119.0
160 44.7 35.1 52.7



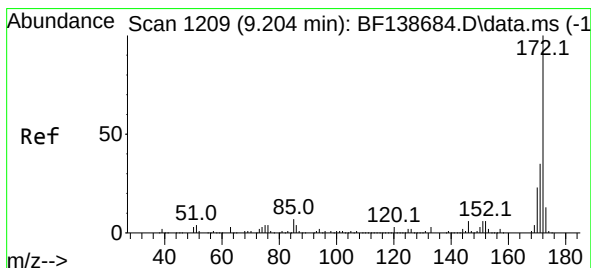
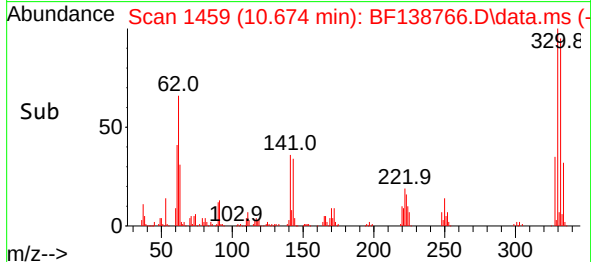
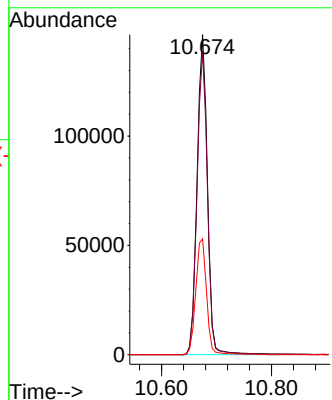


#42
2,4,6-Tribromophenol
Concen: 144.794 ng
RT: 10.674 min Scan# 1458
Delta R.T. 0.006 min
Lab File: BF138766.D
Acq: 03 Aug 2024 13:06

Instrument :
BNA_F
ClientSampleId :
EB-02-072624

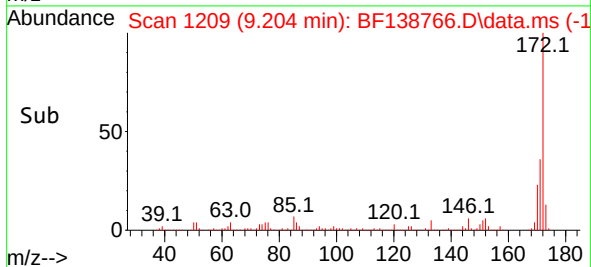
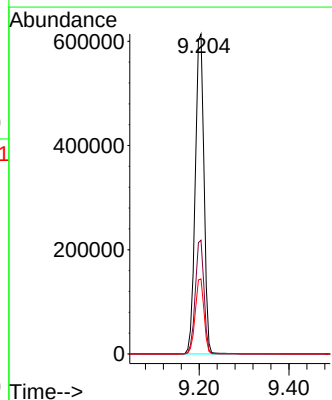
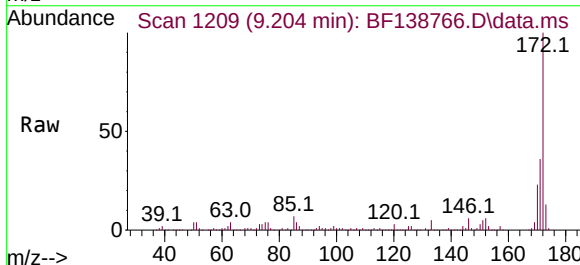


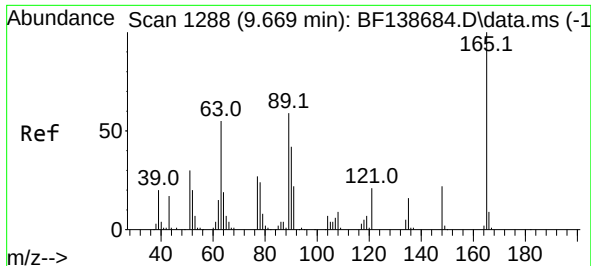
Tgt Ion:330 Resp: 192516
Ion Ratio Lower Upper
330 100
332 94.8 76.4 114.6
141 37.7 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 76.785 ng
RT: 9.204 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BF138766.D
Acq: 03 Aug 2024 13:06

Tgt Ion:172 Resp: 829518
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.5 18.8 28.2

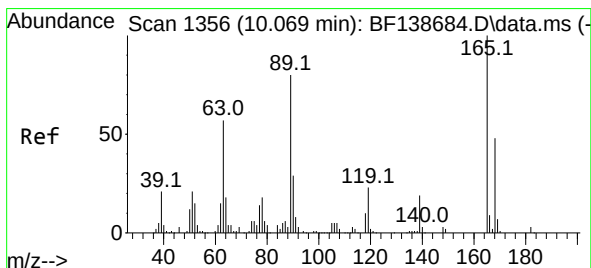
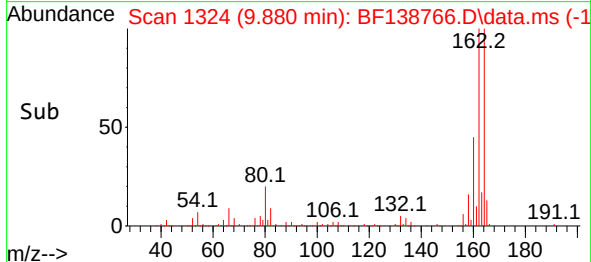
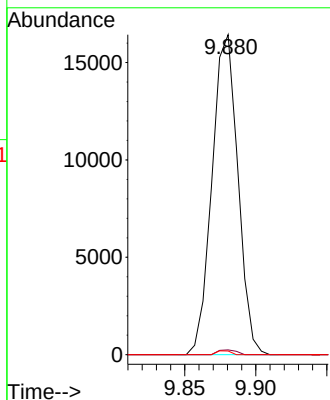
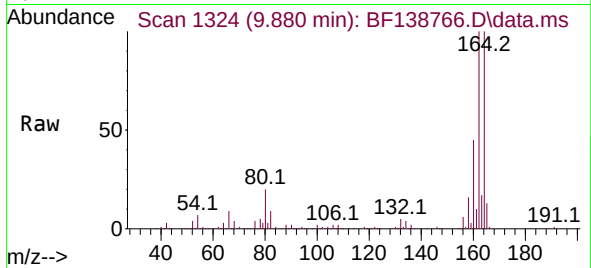




#51
2,6-Dinitrotoluene
Concen: 8.883 ng
RT: 9.880 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF138766.D
Acq: 03 Aug 2024 13:06

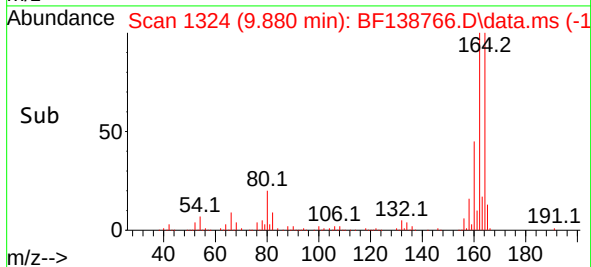
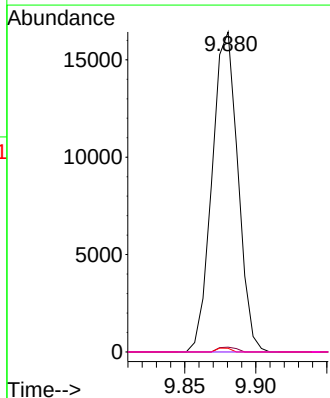
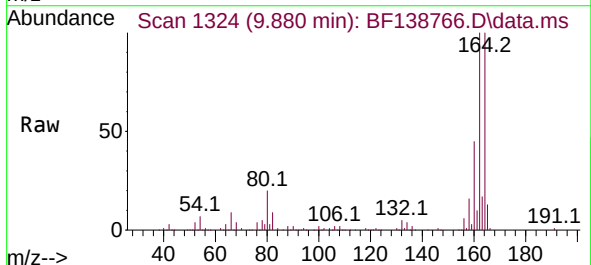
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EB-02-072624

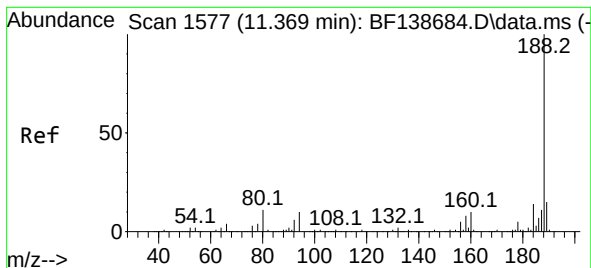
Tgt Ion:165 Resp: 20807
Ion Ratio Lower Upper
165 100
63 1.5 52.0 78.0#
89 1.1 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 6.963 ng
RT: 9.880 min Scan# 1324
Delta R.T. -0.188 min
Lab File: BF138766.D
Acq: 03 Aug 2024 13:06

Tgt Ion:165 Resp: 20807
Ion Ratio Lower Upper
165 100
63 1.5 46.3 69.5#
89 1.1 64.2 96.4#
182 0.0 2.5 3.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF138766.D

Acq: 03 Aug 2024 13:06

Instrument :

BNA_F

ClientSampleId :

EB-02-072624

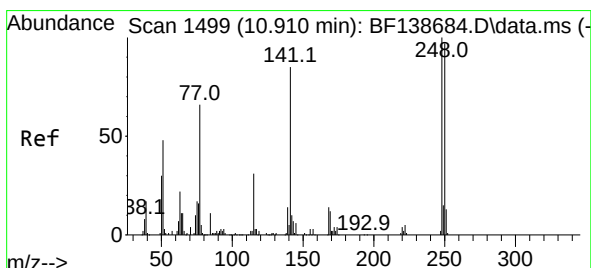
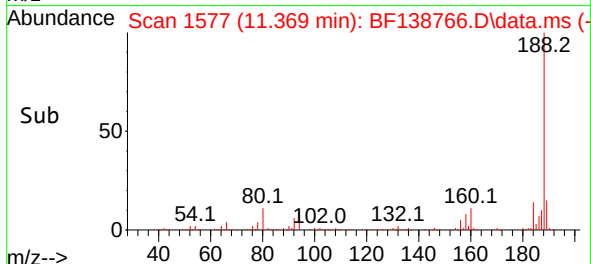
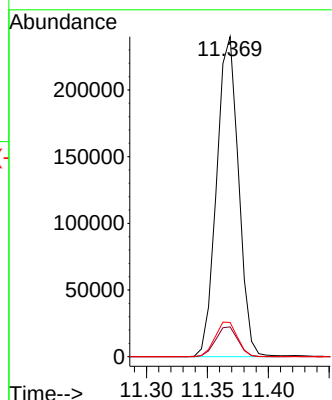
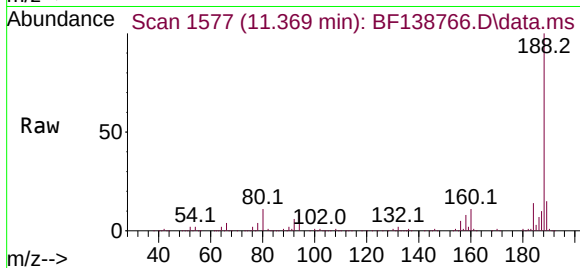
Tgt Ion:188 Resp: 301171

Ion Ratio Lower Upper

188 100

94 9.3 7.6 11.4

80 10.7 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 4.153 ng

RT: 10.674 min Scan# 1459

Delta R.T. -0.235 min

Lab File: BF138766.D

Acq: 03 Aug 2024 13:06

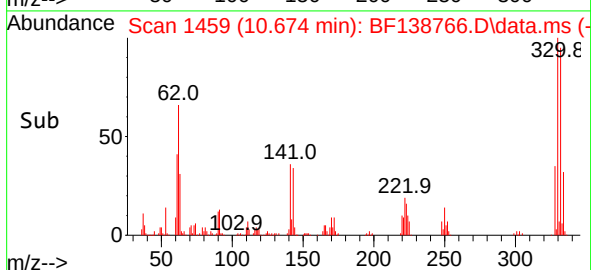
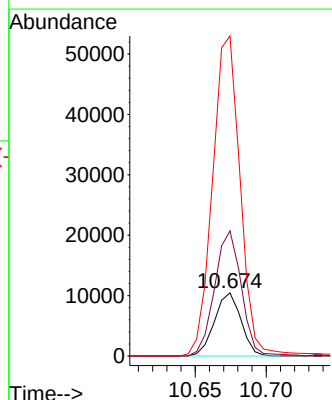
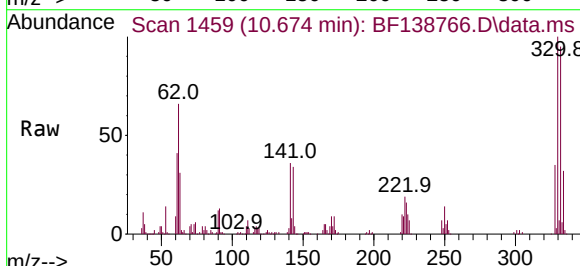
Tgt Ion:248 Resp: 13541

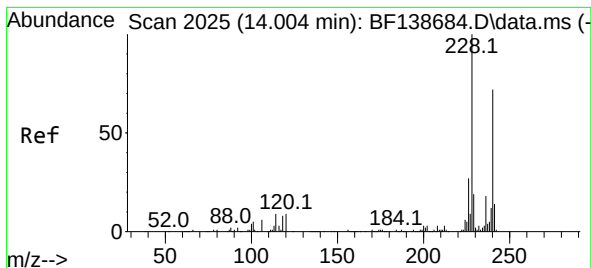
Ion Ratio Lower Upper

248 100

250 198.6 77.7 116.5#

141 507.8 68.0 102.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2025

Delta R.T. 0.006 min

Lab File: BF138766.D

Acq: 03 Aug 2024 13:06

Instrument :

BNA_F

ClientSampleId :

EB-02-072624

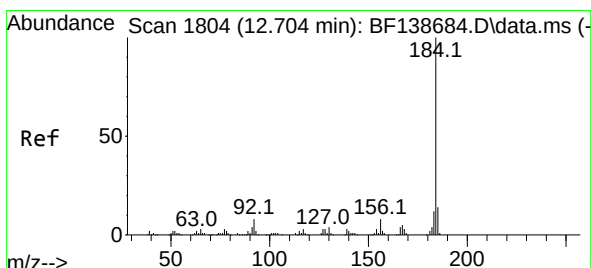
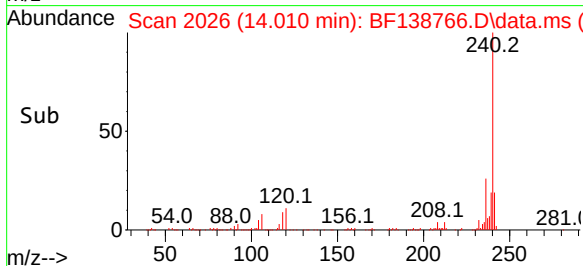
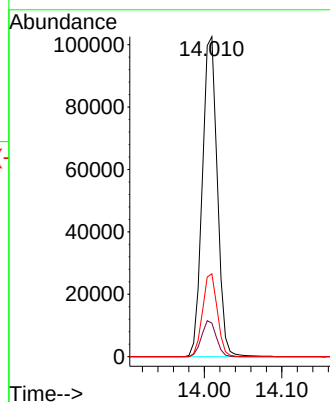
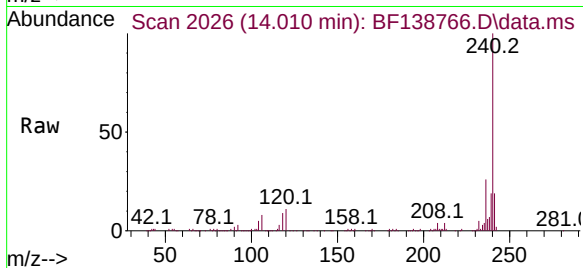
Tgt Ion:240 Resp: 137794

Ion Ratio Lower Upper

240 100

120 10.5 10.2 15.4

236 25.9 19.8 29.8



#77

Benzidine

Concen: 3.754 ng

RT: 12.951 min Scan# 1846

Delta R.T. 0.247 min

Lab File: BF138766.D

Acq: 03 Aug 2024 13:06

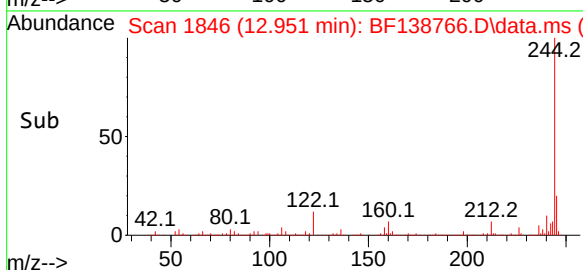
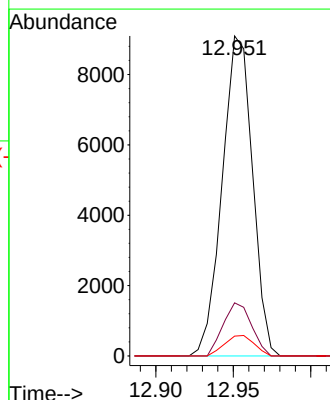
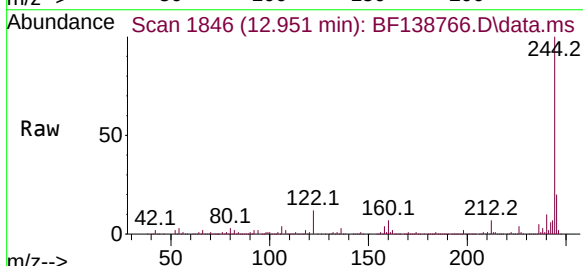
Tgt Ion:184 Resp: 12372

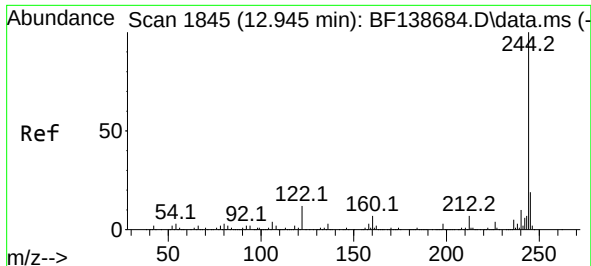
Ion Ratio Lower Upper

184 100

185 16.6 11.1 16.7

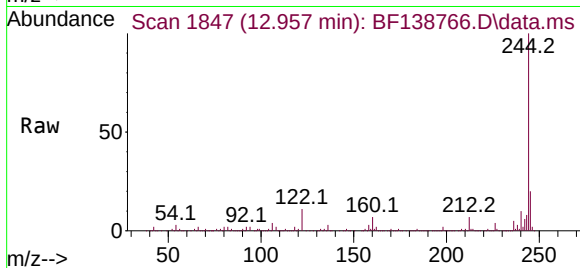
183 6.2 9.6 14.4#



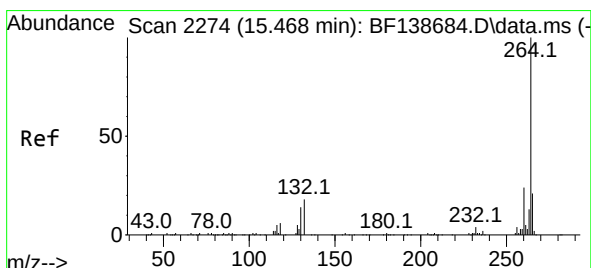
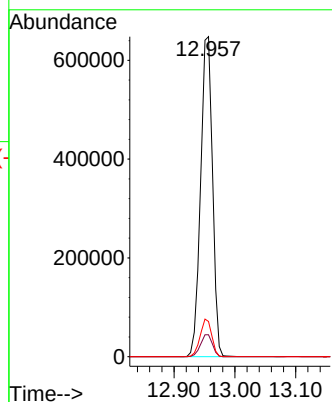
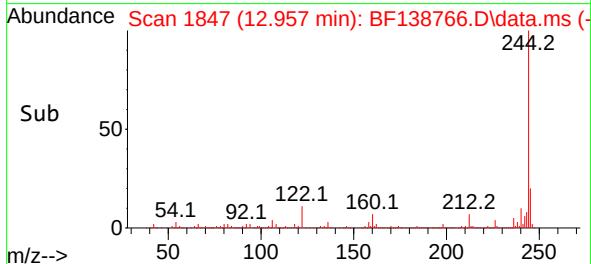


#79
 Terphenyl-d14
 Concen: 107.141 ng
 RT: 12.957 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BF138766.D
 Acq: 03 Aug 2024 13:06

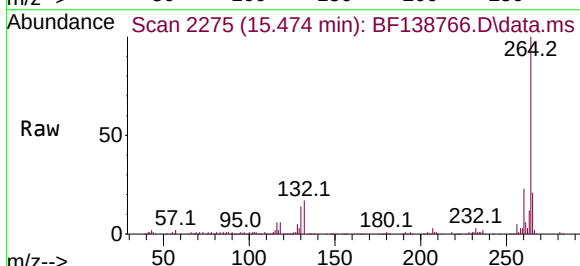
Instrument :
 BNA_F
 ClientSampleId :
 EB-02-072624



Tgt Ion:244 Resp: 881778
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 11.0 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: BF138766.D
 Acq: 03 Aug 2024 13:06



Tgt Ion:264 Resp: 142490
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.6
 265 21.5 17.0 25.6

