

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081024\
 Data File : BF138912.D
 Acq On : 10 Aug 2024 16:20
 Operator : RC/JU
 Sample : P3466-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 932-K1-WP0-0.25-080224

Quant Time: Aug 12 01:16:21 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)

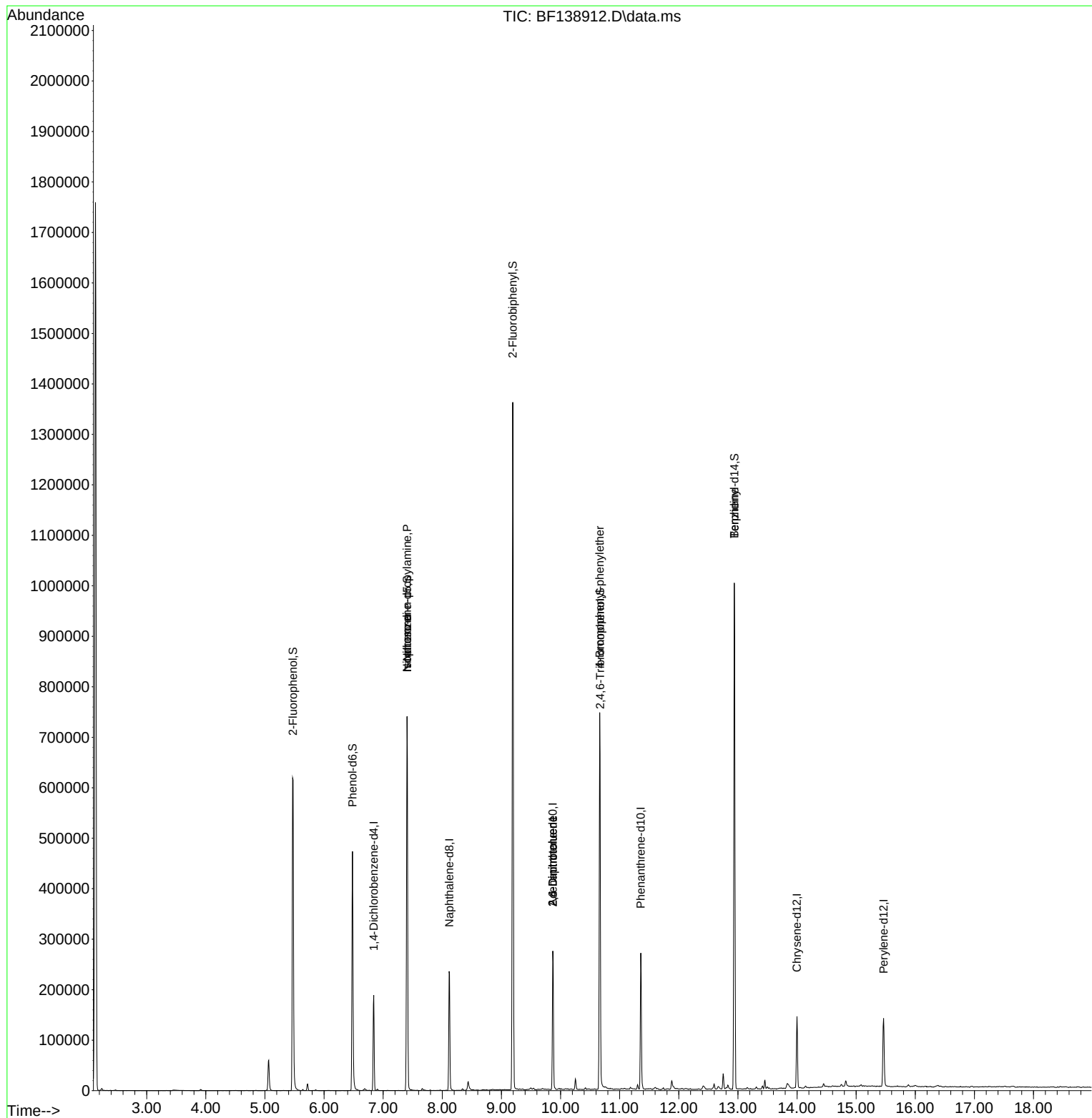
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	35364	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	145974	20.000	ng	#-0.01
39) Acenaphthene-d10	9.869	164	79593	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	131212	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	62865	20.000	ng	0.00
86) Perylene-d12	15.463	264	75793	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	216435	94.475	ng	0.00
7) Phenol-d6	6.481	99	199754	64.944	ng	0.00
23) Nitrobenzene-d5	7.404	82	318857	106.795	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	109058	167.274	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	565239	106.702	ng	-0.01
79) Terphenyl-d14	12.939	244	466024	124.115	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	43546	23.440	ng	# 79
25) Isophorone	7.404	82	318855	62.543	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	9425	8.206	ng	# 19
57) 2,4-Dinitrotoluene	9.869	165	9425	6.432	ng	# 16
67) 4-Bromophenyl-phenylether	10.663	248	7850	5.526	ng	# 1
77) Benzidine	12.939	184	6822	4.537	ng	# 90

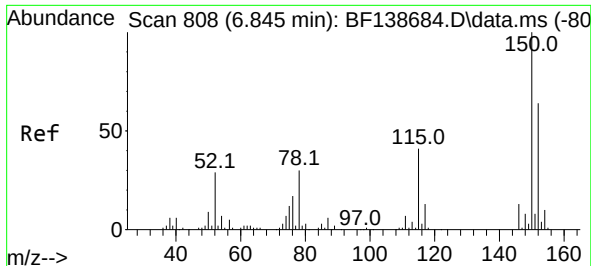
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081024\
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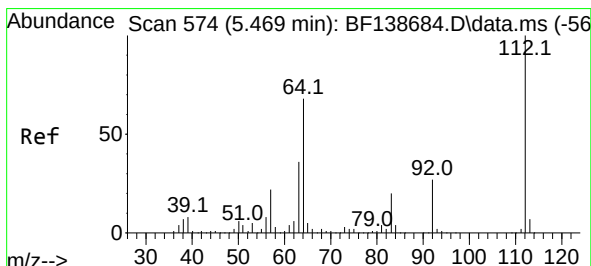
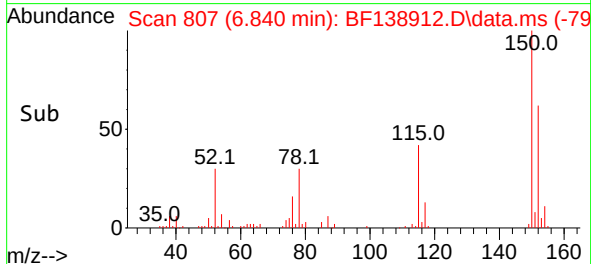
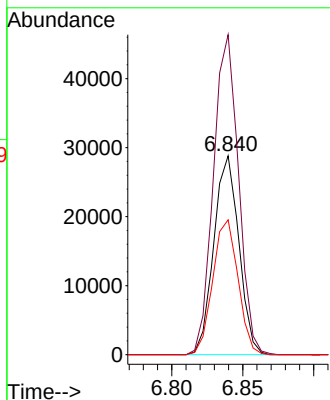
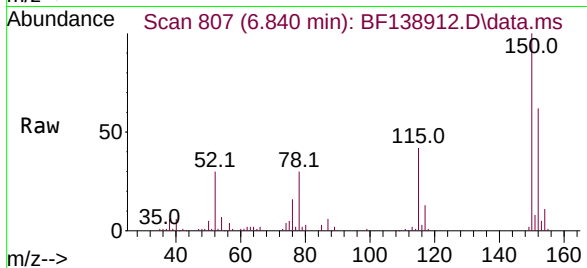




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF138912.D
Acq: 10 Aug 2024 16:20

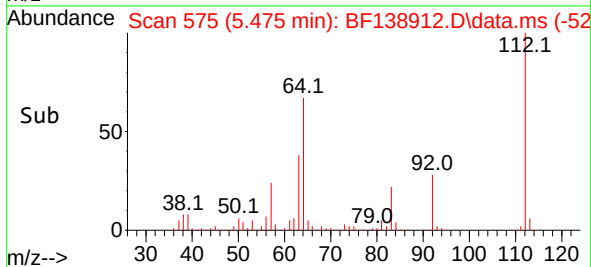
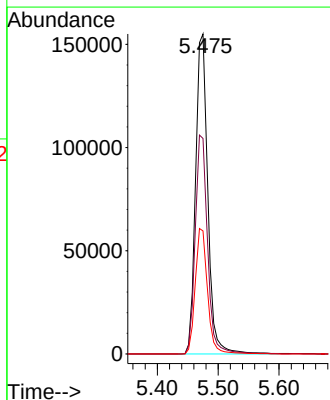
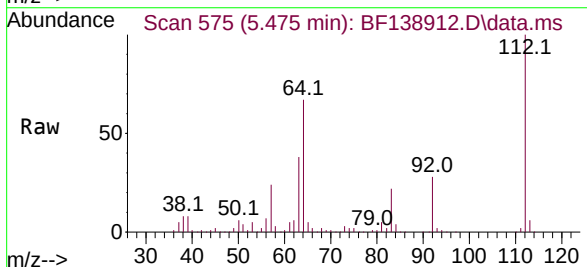
Instrument :
BNA_F
ClientSampleId :
932-K1-WP0-0.25-080224

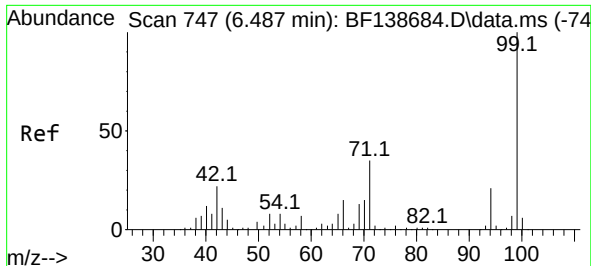
Tgt Ion:152 Resp: 35364
Ion Ratio Lower Upper
152 100
150 161.0 126.0 189.0
115 67.8 51.7 77.5



#5
2-Fluorophenol
Concen: 94.475 ng
RT: 5.475 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF138912.D
Acq: 10 Aug 2024 16:20

Tgt Ion:112 Resp: 216435
Ion Ratio Lower Upper
112 100
64 67.4 54.2 81.4
63 38.4 28.7 43.1

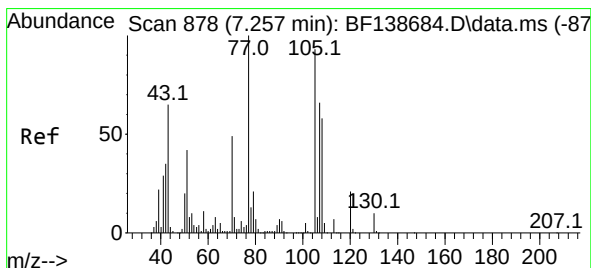
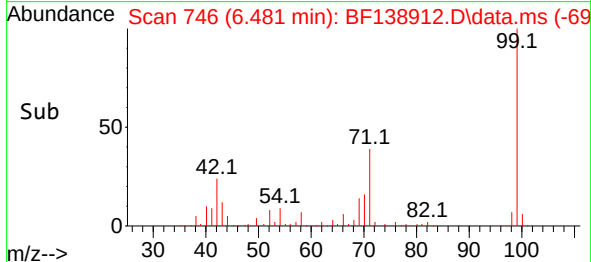
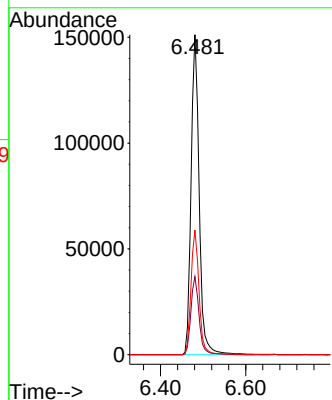
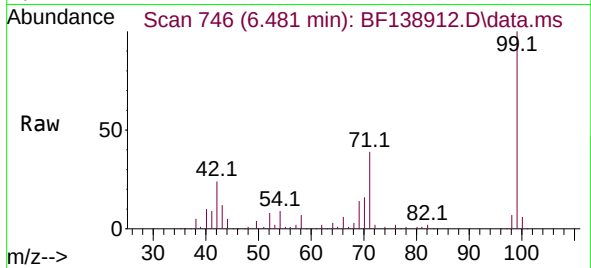




#7
Phenol-d6
Concen: 64.944 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138912.D
Acq: 10 Aug 2024 16:20

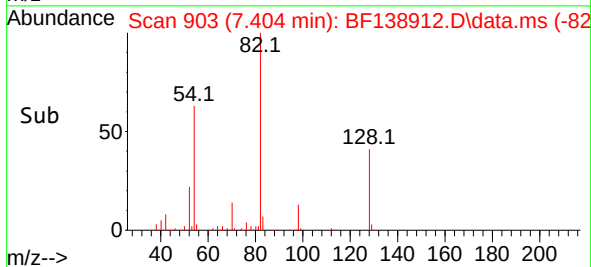
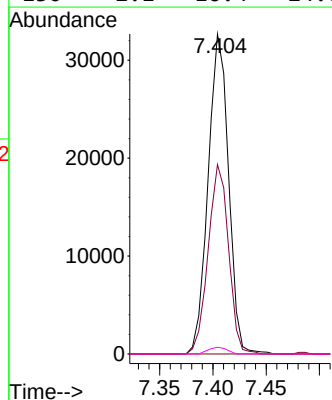
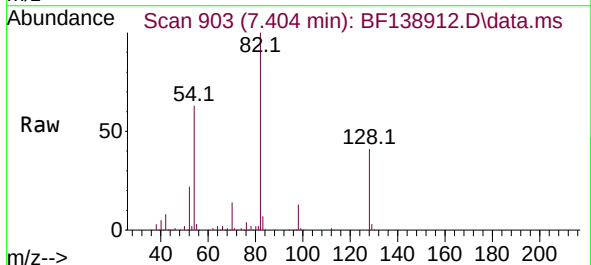
Instrument :
BNA_F
ClientSampleId :
932-K1-WP0-0.25-080224

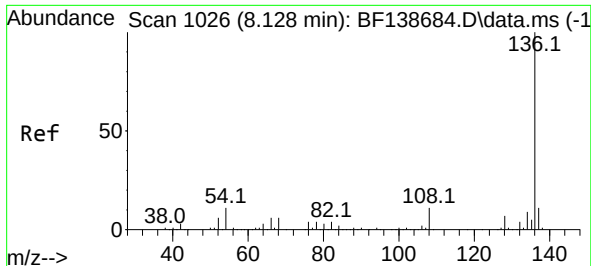
Tgt Ion: 99 Resp: 199754
Ion Ratio Lower Upper
99 100
42 24.4 17.4 26.0
71 38.9 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 23.440 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138912.D
Acq: 10 Aug 2024 16:20

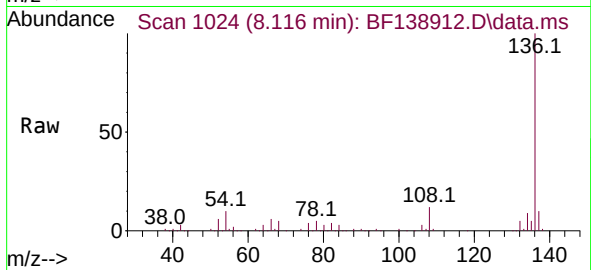
Tgt Ion: 70 Resp: 43546
Ion Ratio Lower Upper
70 100
42 59.2 57.4 86.0
101 0.0 7.5 11.3#
130 2.1 16.4 24.6#



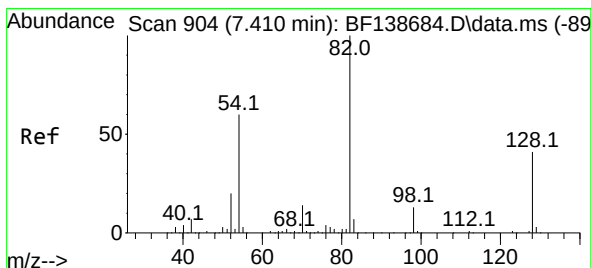
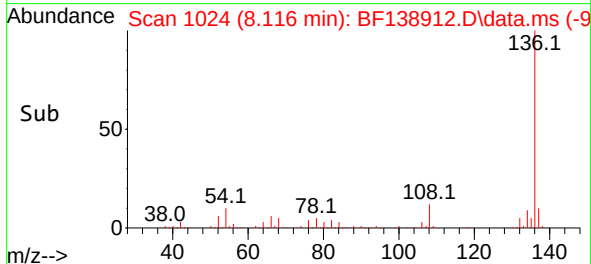
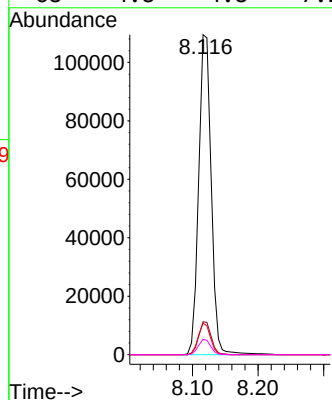


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF138912.D
Acq: 10 Aug 2024 16:20

Instrument :
BNA_F
ClientSampleId :
932-K1-WP0-0.25-080224

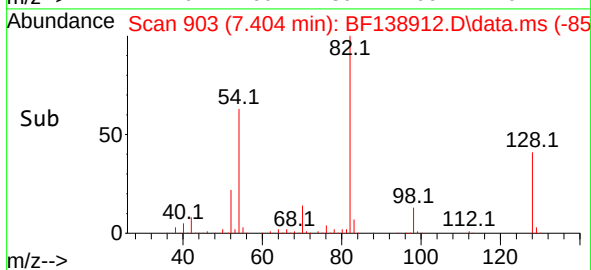
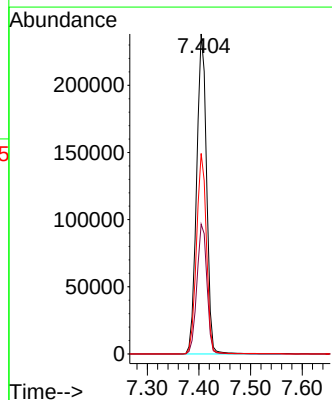
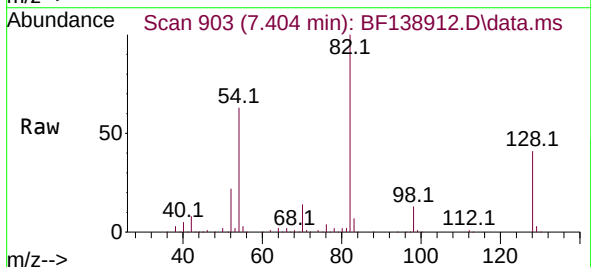


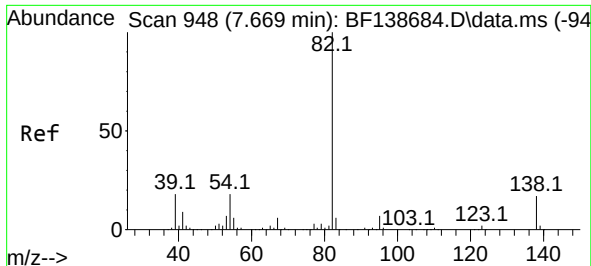
Tgt Ion:	136	Resp:	145974
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	9.8	8.6	12.8
68	4.8	4.8	7.2



#23
Nitrobenzene-d5
Concen: 106.795 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138912.D
Acq: 10 Aug 2024 16:20

Tgt Ion:	82	Resp:	318857
Ion	Ratio	Lower	Upper
82	100		
128	40.5	32.8	49.2
54	62.6	48.3	72.5

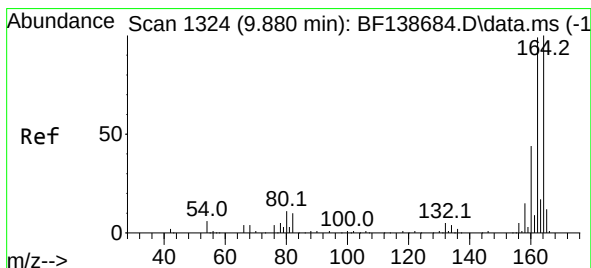
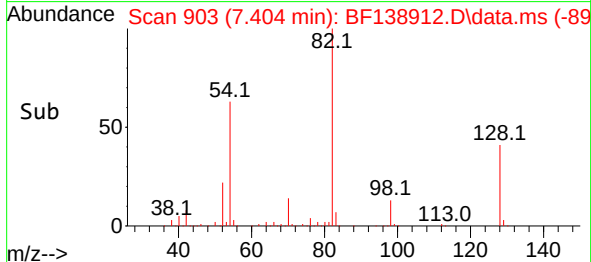
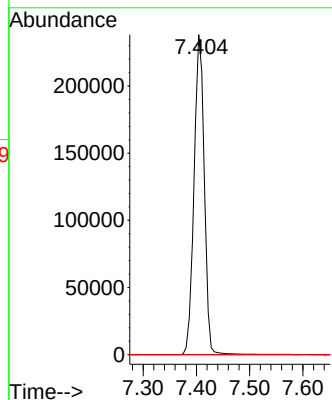
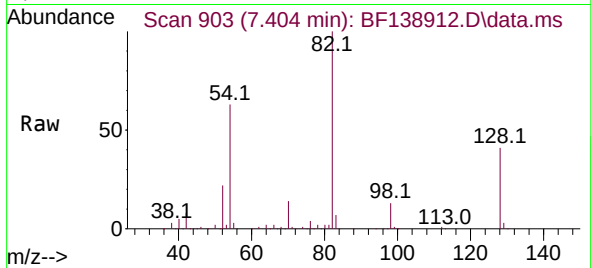




#25
Isophorone
Concen: 62.543 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138912.D
Acq: 10 Aug 2024 16:20

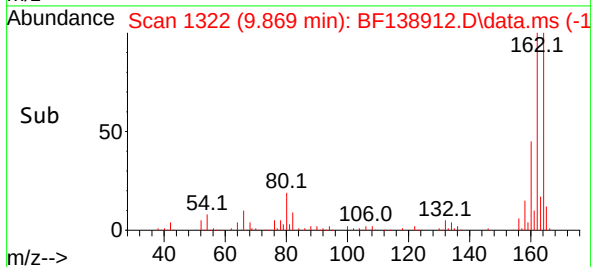
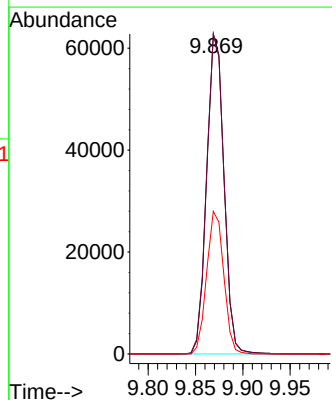
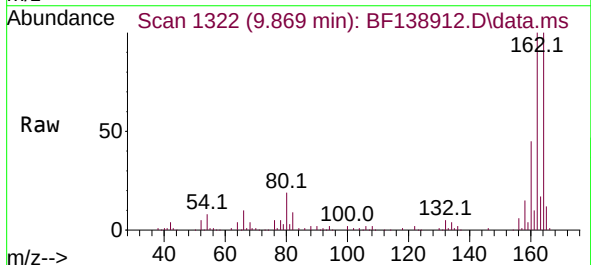
Instrument :
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ClientSampleId :
932-K1-WP0-0.25-080224

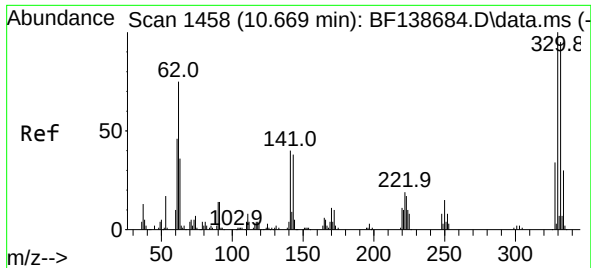
Tgt Ion: 82 Resp: 318855
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF138912.D
Acq: 10 Aug 2024 16:20

Tgt Ion:164 Resp: 79593
Ion Ratio Lower Upper
164 100
162 100.0 79.4 119.0
160 44.5 35.1 52.7

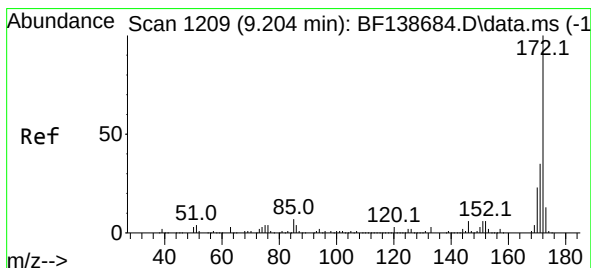
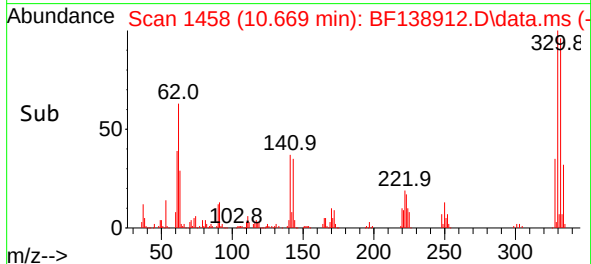
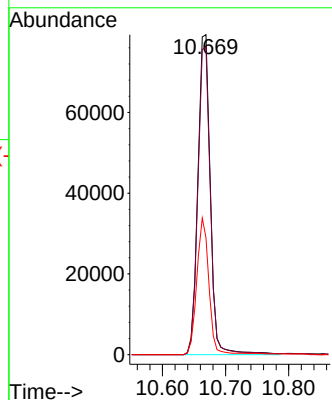
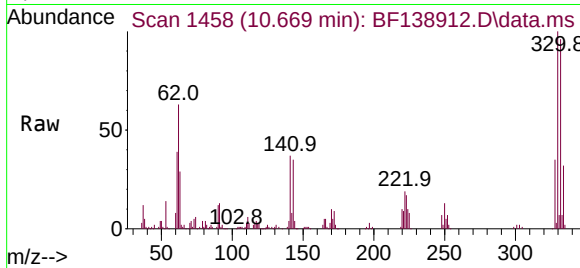




#42
2,4,6-Tribromophenol
Concen: 167.274 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF138912.D
Acq: 10 Aug 2024 16:20

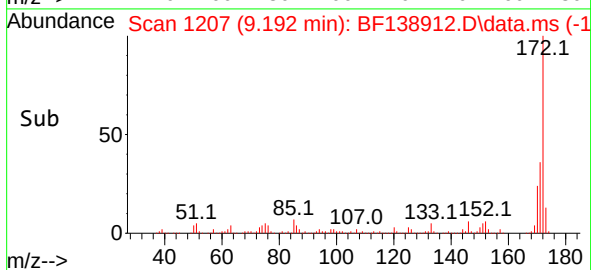
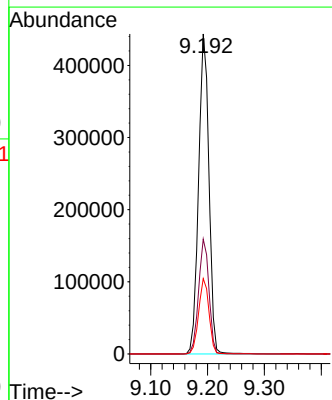
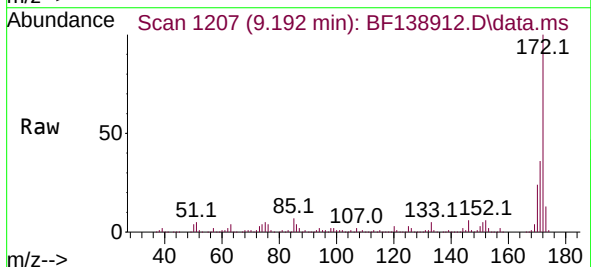
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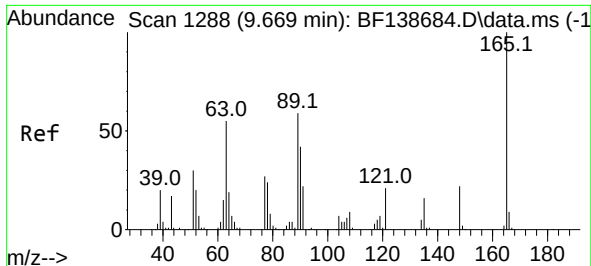
Tgt Ion:330 Resp: 109058
Ion Ratio Lower Upper
330 100
332 96.0 76.4 114.6
141 41.7 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 106.702 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138912.D
Acq: 10 Aug 2024 16:20

Tgt Ion:172 Resp: 565239
Ion Ratio Lower Upper
172 100
171 35.9 28.3 42.5
170 23.6 18.8 28.2

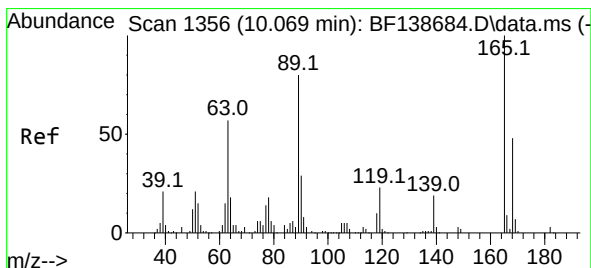
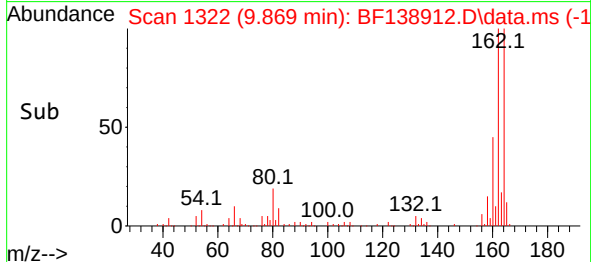
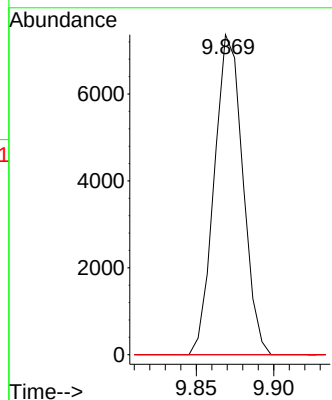
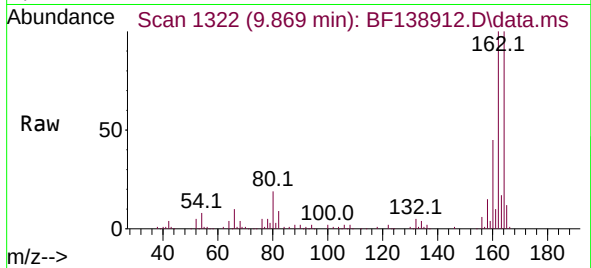




#51
2,6-Dinitrotoluene
Concen: 8.206 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138912.D
Acq: 10 Aug 2024 16:20

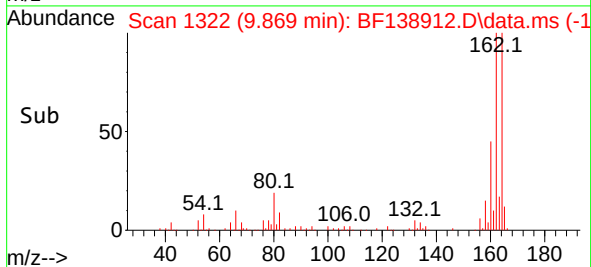
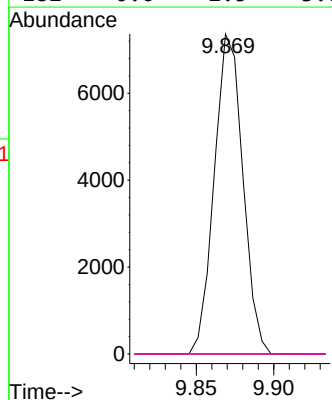
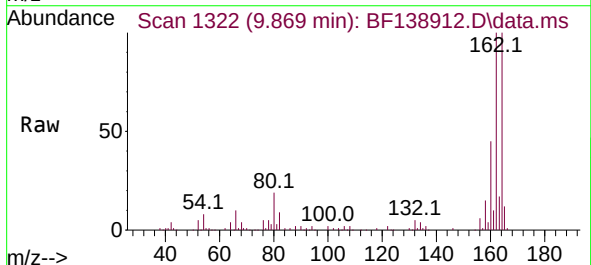
Instrument :
BNA_F
ClientSampleId :
932-K1-WP0-0.25-080224

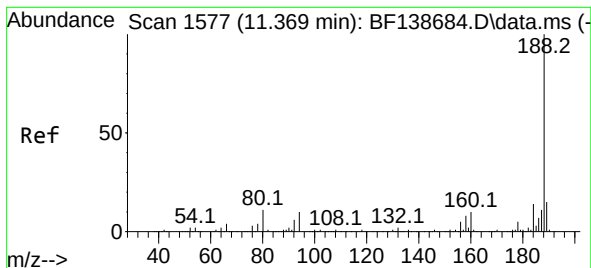
Tgt Ion:165 Resp: 9425
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 0.0 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 6.432 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF138912.D
Acq: 10 Aug 2024 16:20

Tgt Ion:165 Resp: 9425
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: 11.357 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138912.D

Acq: 10 Aug 2024 16:20

Instrument :

BNA_F

ClientSampleId :

932-K1-WP0-0.25-080224

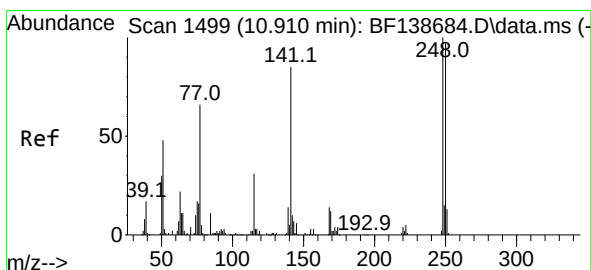
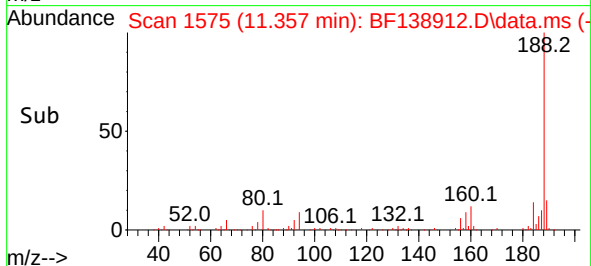
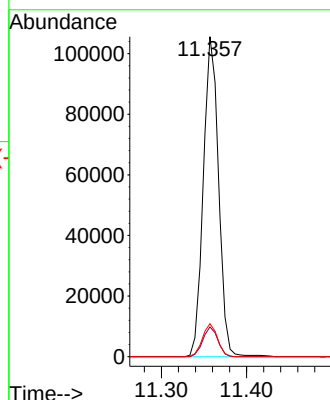
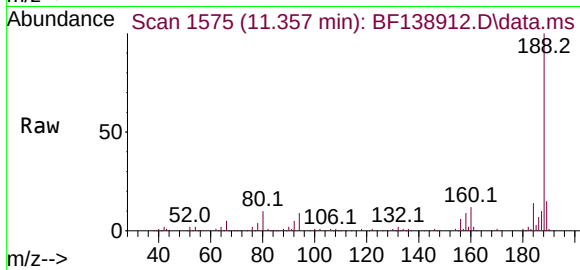
Tgt Ion:188 Resp: 131212

Ion Ratio Lower Upper

188 100

94 9.3 7.6 11.4

80 10.3 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 5.526 ng

RT: 10.663 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF138912.D

Acq: 10 Aug 2024 16:20

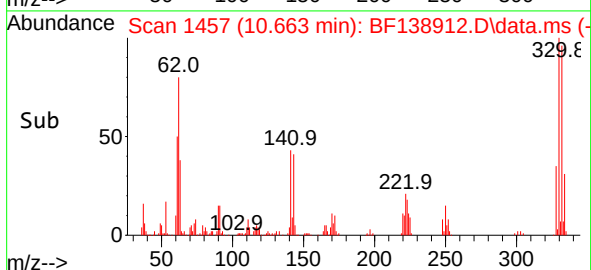
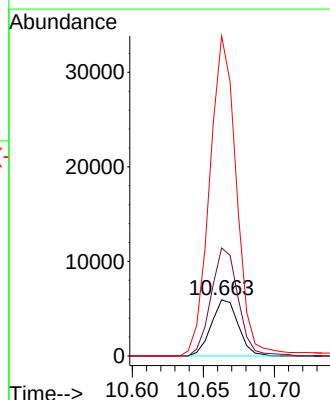
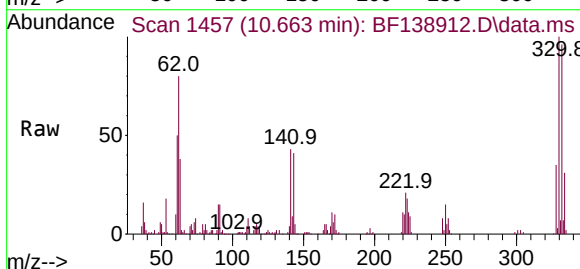
Tgt Ion:248 Resp: 7850

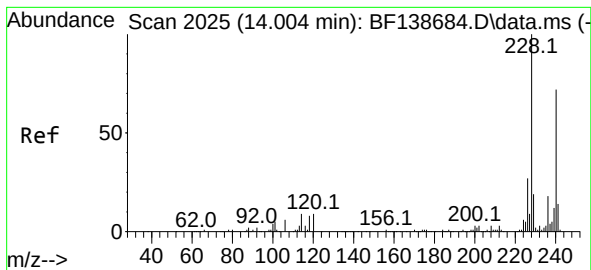
Ion Ratio Lower Upper

248 100

250 192.1 77.7 116.5#

141 569.2 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: BF138912.D

Acq: 10 Aug 2024 16:20

Instrument :

BNA_F

ClientSampleId :

932-K1-WP0-0.25-080224

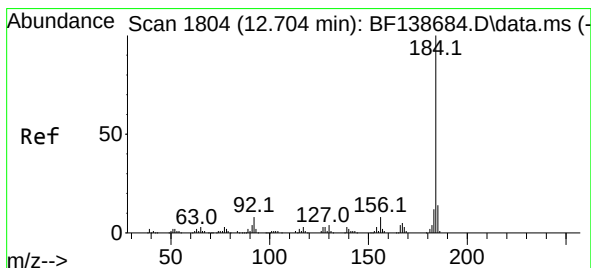
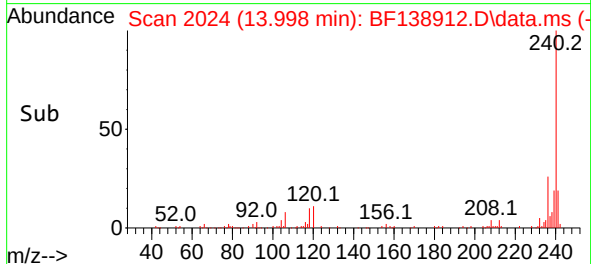
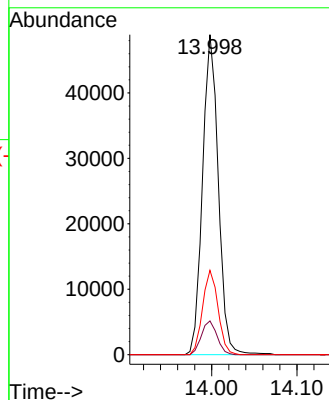
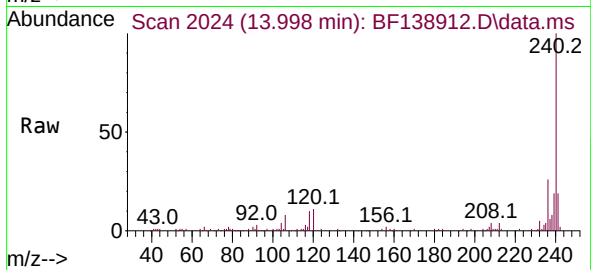
Tgt Ion:240 Resp: 62865

Ion Ratio Lower Upper

240 100

120 10.6 10.2 15.4

236 26.4 19.8 29.8



#77

Benzidine

Concen: 4.537 ng

RT: 12.939 min Scan# 1844

Delta R.T. 0.235 min

Lab File: BF138912.D

Acq: 10 Aug 2024 16:20

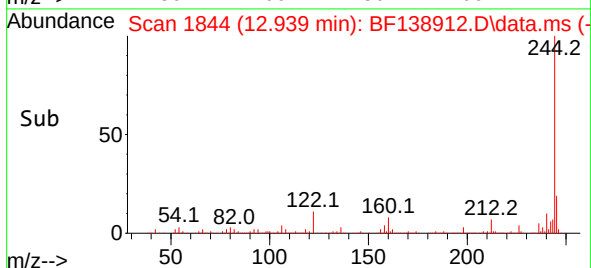
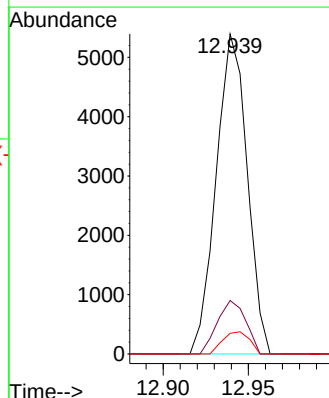
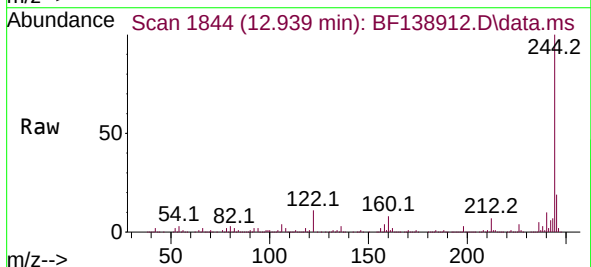
Tgt Ion:184 Resp: 6822

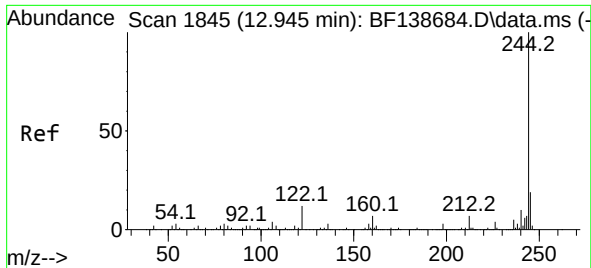
Ion Ratio Lower Upper

184 100

185 16.7 11.1 16.7#

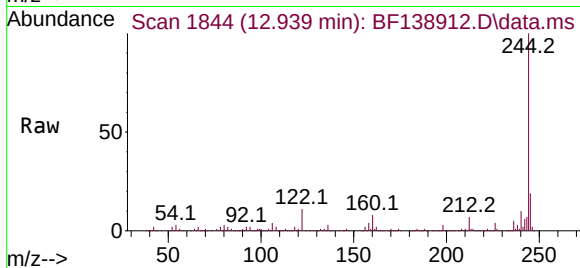
183 6.4 9.6 14.4#



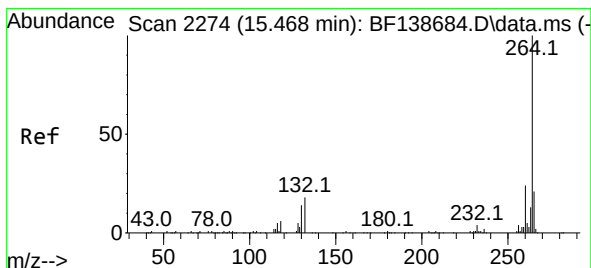
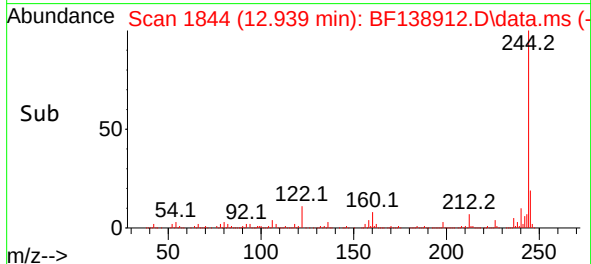
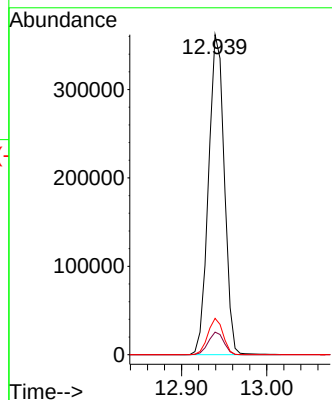


#79
Terphenyl-d14
Concen: 124.115 ng
RT: 12.939 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BF138912.D
Acq: 10 Aug 2024 16:20

Instrument :
BNA_F
ClientSampleId :
932-K1-WP0-0.25-080224



Tgt Ion:244 Resp: 466024
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 11.4 9.6 14.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.463 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF138912.D
Acq: 10 Aug 2024 16:20

Tgt Ion:264 Resp: 75793
Ion Ratio Lower Upper
264 100
260 25.2 19.0 28.6
265 21.3 17.0 25.6

