

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081324\
 Data File : BF138969.D
 Acq On : 13 Aug 2024 12:16
 Operator : RC/JU
 Sample : P3512-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 927-K1-SD-0.5-1.0-080724

Quant Time: Aug 13 13:02:16 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)

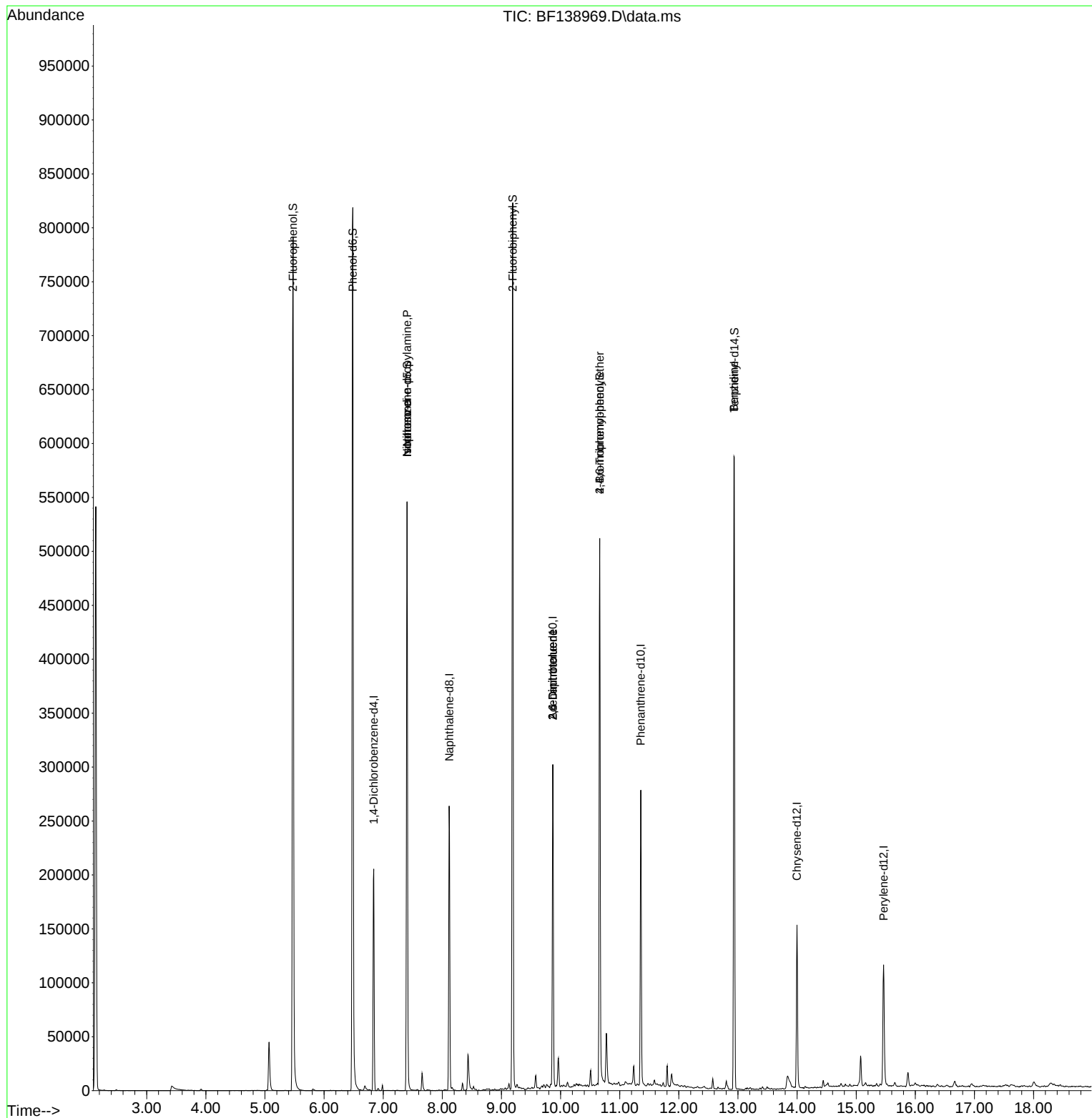
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	38984	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	156731	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	85072	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	134445	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	70788	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	68600	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	265299	105.051	ng	0.00
7) Phenol-d6	6.487	99	358932	105.859	ng	0.00
23) Nitrobenzene-d5	7.404	82	227987	71.119	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	71815	103.056	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	349198	61.674	ng	-0.01
79) Terphenyl-d14	12.939	244	275213	65.093	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	31358	15.312	ng	# 81
25) Isophorone	7.404	82	227985	41.650	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	10786	8.786	ng	# 19
57) 2,4-Dinitrotoluene	9.869	165	10786	6.887	ng	# 16
67) 4-Bromophenyl-phenylether	10.663	248	5278	3.626	ng	# 1
77) Benzidine	12.933	184	3822	2.257	ng	# 94

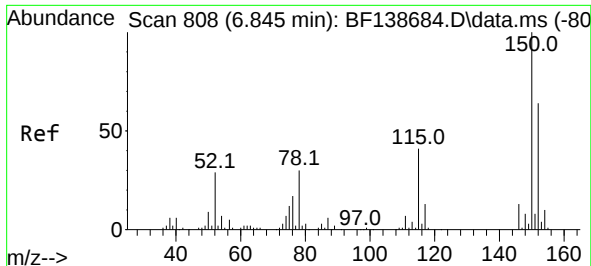
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081324\
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927-K1-SD-0.5-1.0-080724

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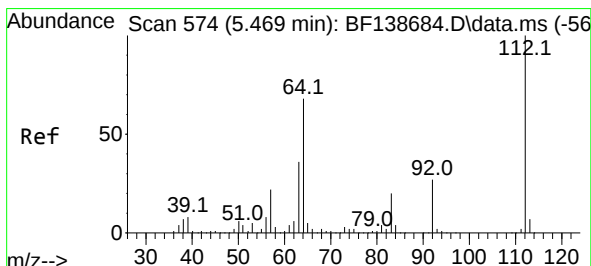
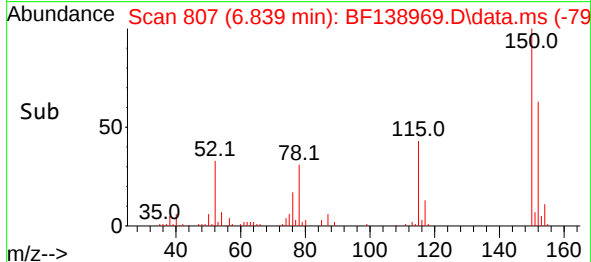
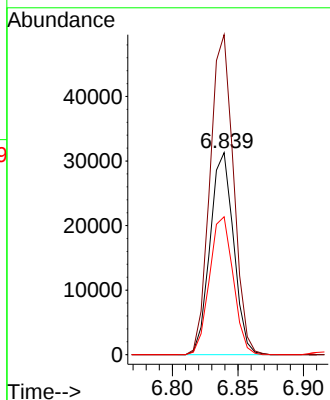
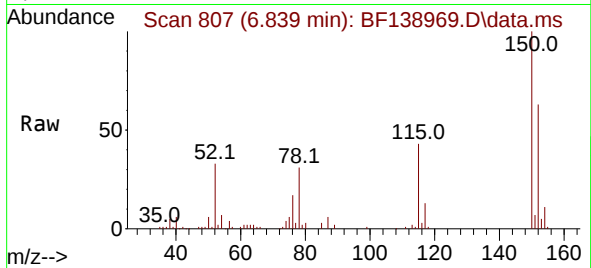




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF138969.D
Acq: 13 Aug 2024 12:16

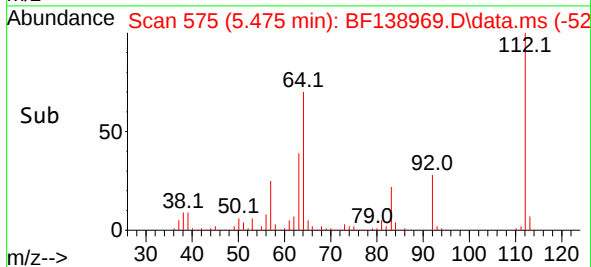
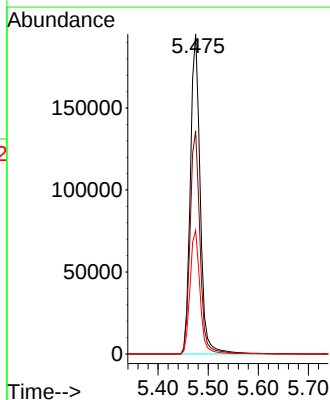
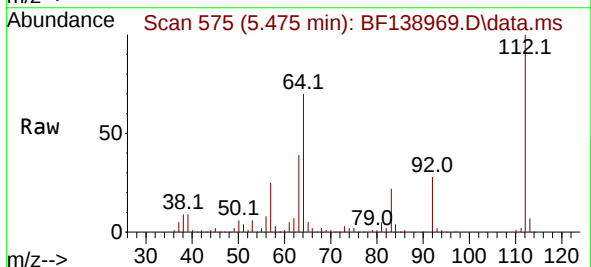
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724

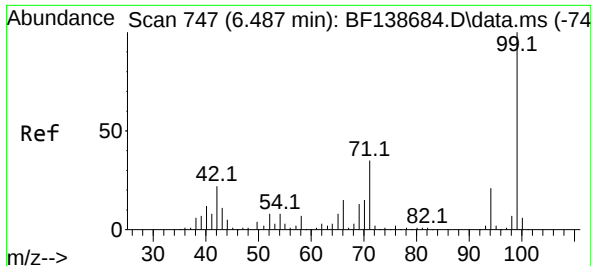
Tgt Ion:152 Resp: 38984
Ion Ratio Lower Upper
152 100
150 158.3 126.0 189.0
115 68.3 51.7 77.5



#5
2-Fluorophenol
Concen: 105.051 ng
RT: 5.475 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF138969.D
Acq: 13 Aug 2024 12:16

Tgt Ion:112 Resp: 265299
Ion Ratio Lower Upper
112 100
64 69.7 54.2 81.4
63 38.7 28.7 43.1

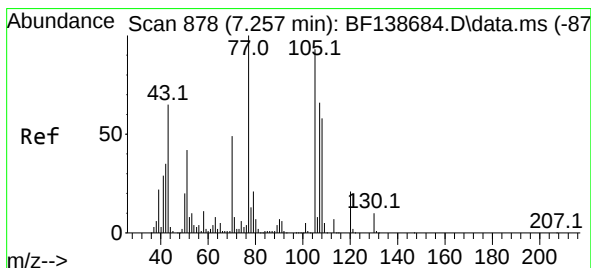
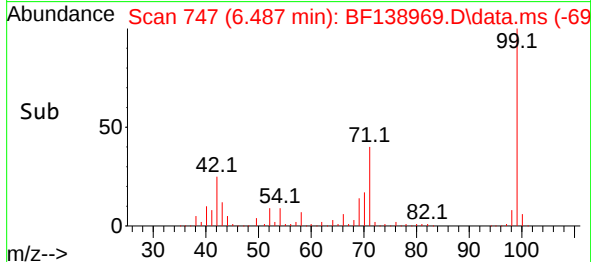
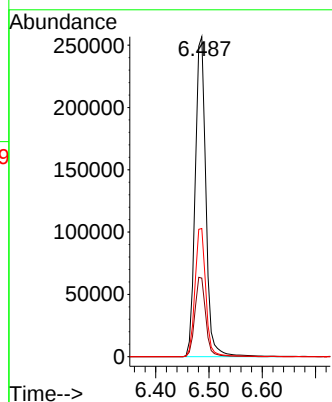
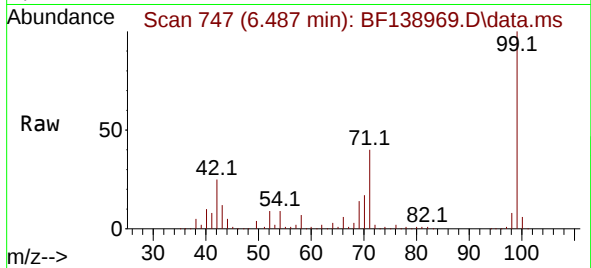




#7
Phenol-d6
Concen: 105.859 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF138969.D
Acq: 13 Aug 2024 12:16

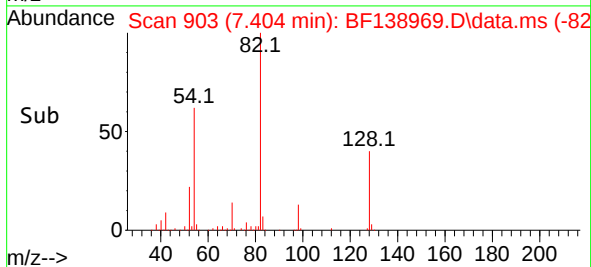
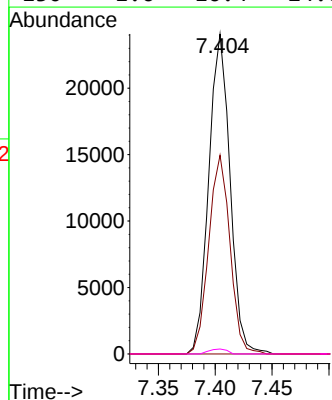
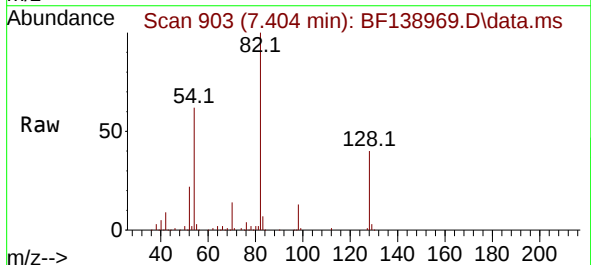
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724

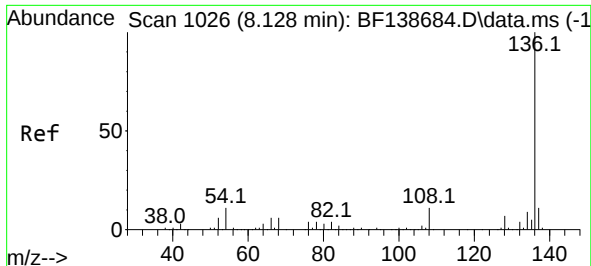
Tgt Ion: 99 Resp: 358932
Ion Ratio Lower Upper
99 100
42 24.6 17.4 26.0
71 40.1 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 15.312 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138969.D
Acq: 13 Aug 2024 12:16

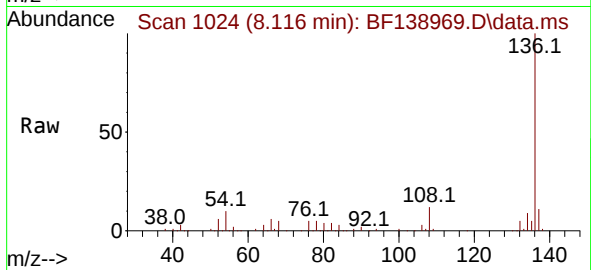
Tgt Ion: 70 Resp: 31358
Ion Ratio Lower Upper
70 100
42 62.1 57.4 86.0
101 0.0 7.5 11.3#
130 1.6 16.4 24.6#



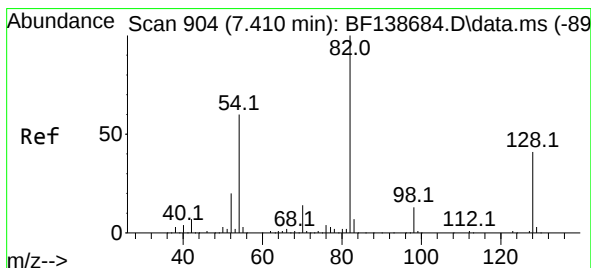
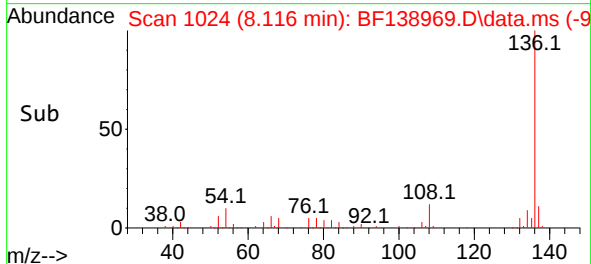
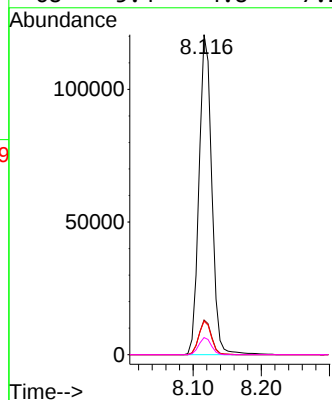


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF138969.D
Acq: 13 Aug 2024 12:16

Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724

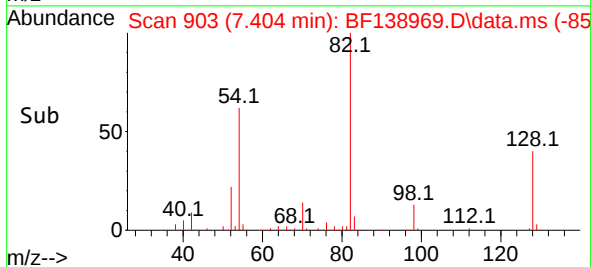
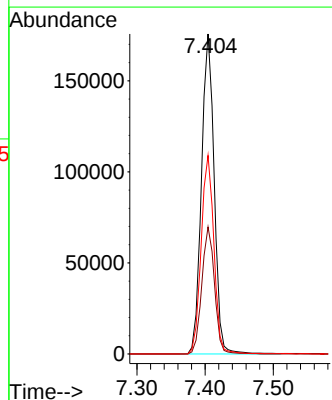
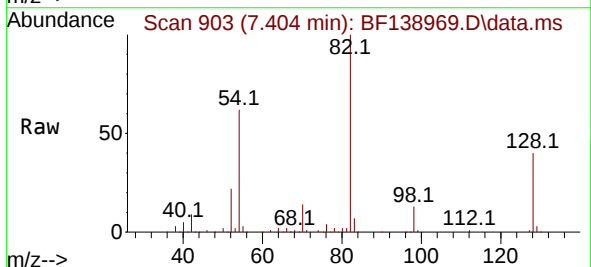


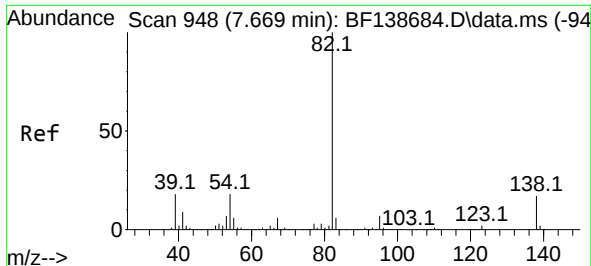
Tgt Ion:136 Resp: 156731
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 10.5 8.6 12.8
68 5.4 4.8 7.2



#23
Nitrobenzene-d5
Concen: 71.119 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138969.D
Acq: 13 Aug 2024 12:16

Tgt Ion: 82 Resp: 227987
Ion Ratio Lower Upper
82 100
128 39.7 32.8 49.2
54 62.1 48.3 72.5

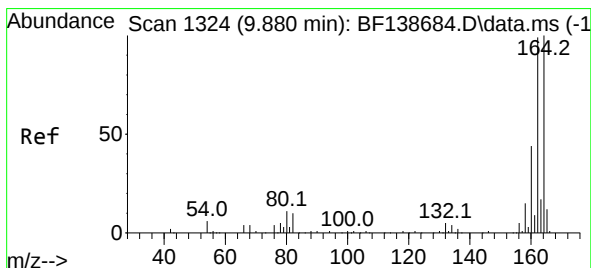
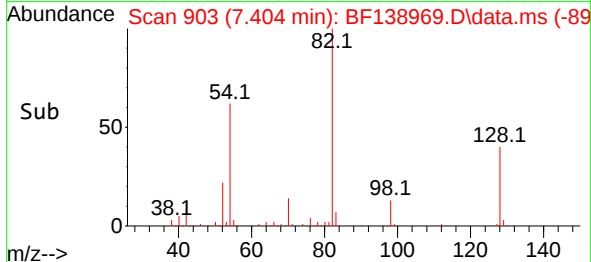
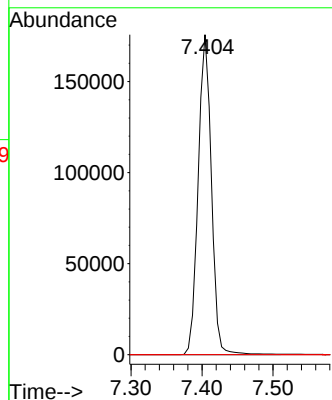
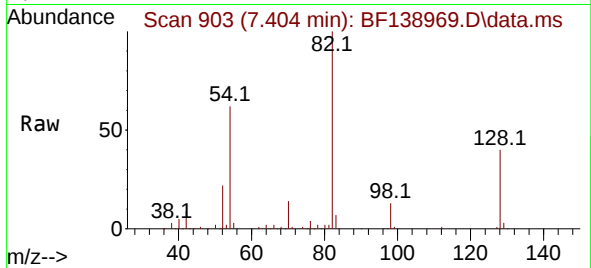




#25
Isophorone
Concen: 41.650 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138969.D
Acq: 13 Aug 2024 12:16

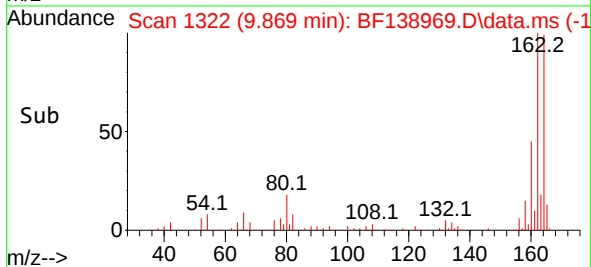
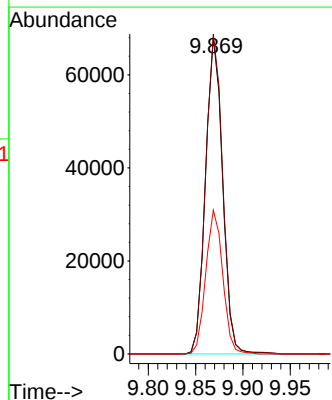
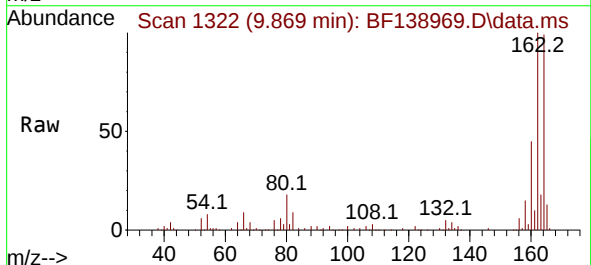
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724

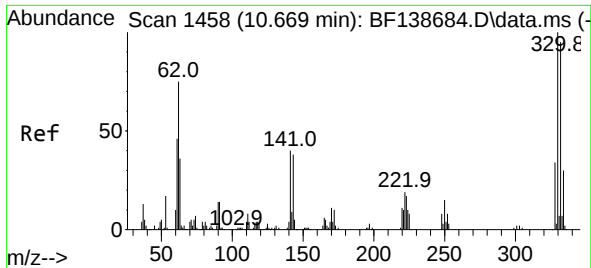
Tgt Ion: 82 Resp: 227985
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF138969.D
Acq: 13 Aug 2024 12:16

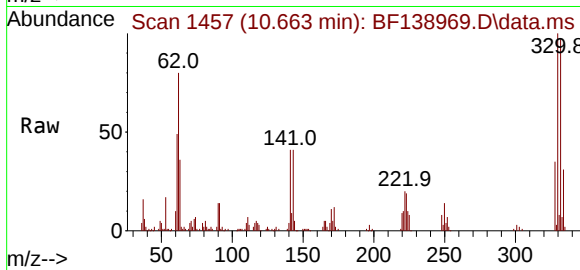
Tgt Ion:164 Resp: 85072
Ion Ratio Lower Upper
164 100
162 101.1 79.4 119.0
160 45.4 35.1 52.7



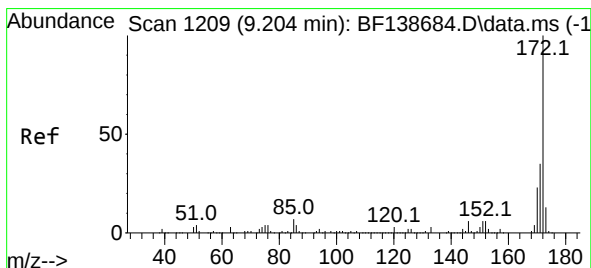
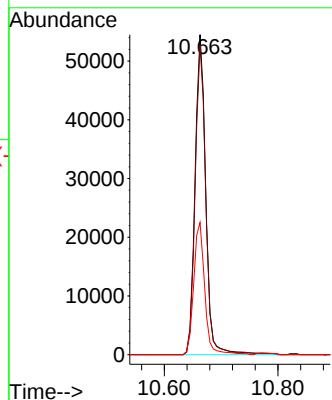
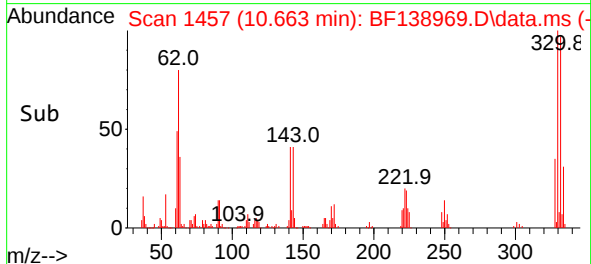


#42
2,4,6-Tribromophenol
Concen: 103.056 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF138969.D
Acq: 13 Aug 2024 12:16

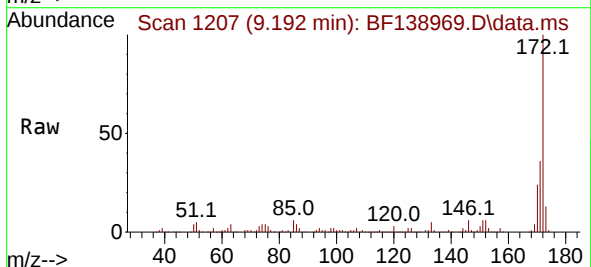
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724



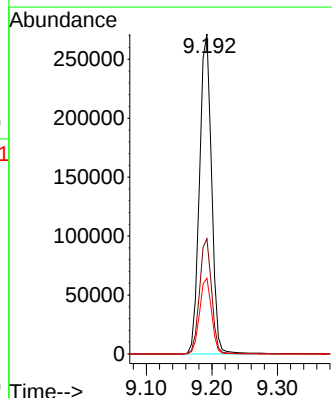
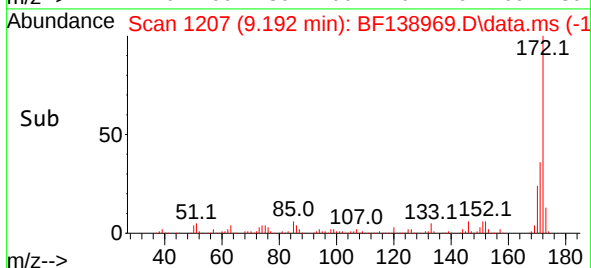
Tgt Ion:330 Resp: 71815
Ion Ratio Lower Upper
330 100
332 94.7 76.4 114.6
141 42.4 31.1 46.7

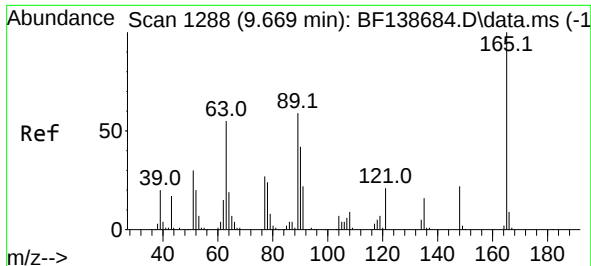


#45
2-Fluorobiphenyl
Concen: 61.674 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138969.D
Acq: 13 Aug 2024 12:16



Tgt Ion:172 Resp: 349198
Ion Ratio Lower Upper
172 100
171 36.0 28.3 42.5
170 23.7 18.8 28.2

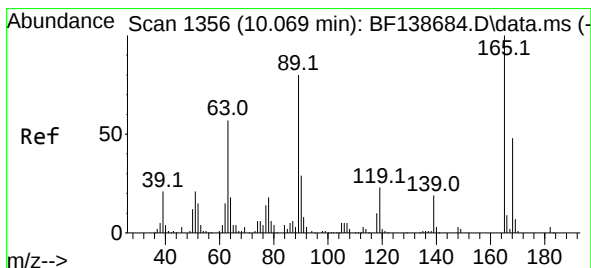
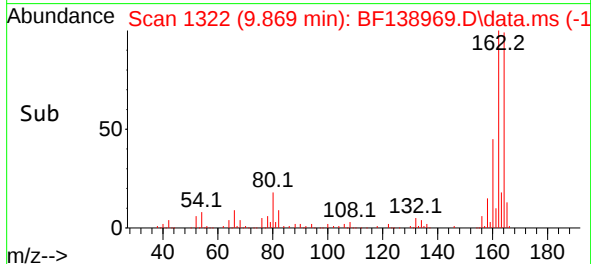
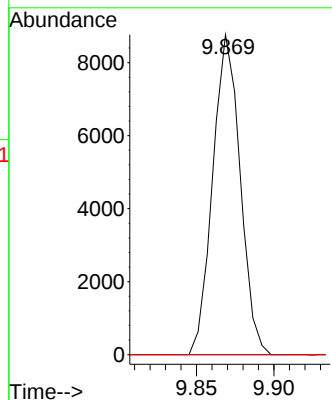
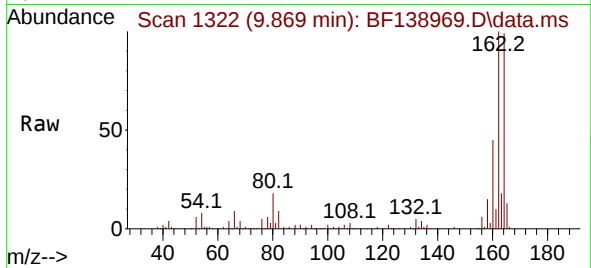




#51
2,6-Dinitrotoluene
Concen: 8.786 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138969.D
Acq: 13 Aug 2024 12:16

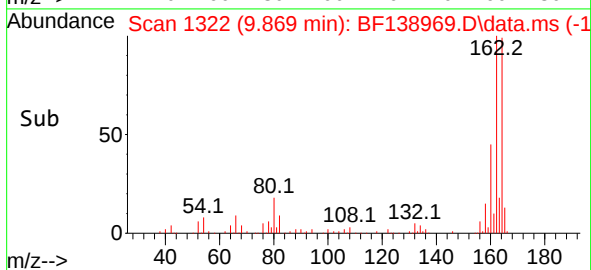
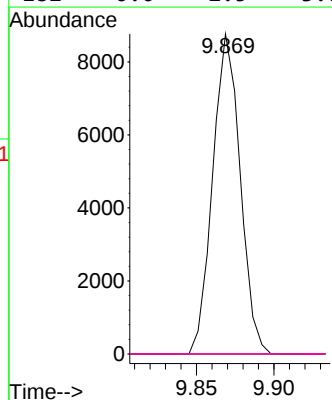
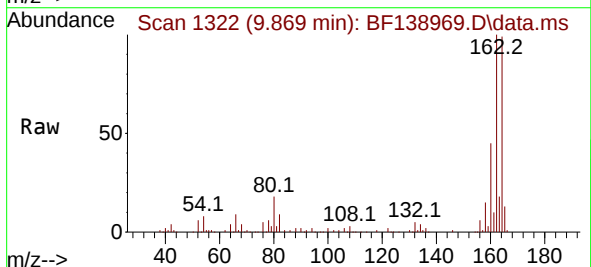
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927-K1-SD-0.5-1.0-080724

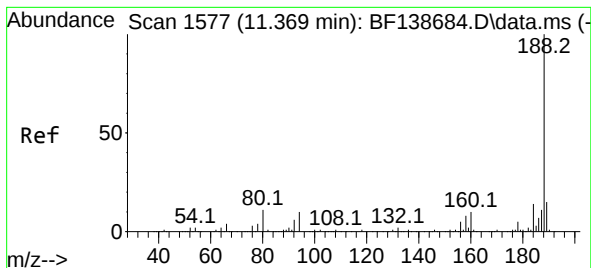
Tgt Ion:165 Resp: 10786
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 0.0 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 6.887 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF138969.D
Acq: 13 Aug 2024 12:16

Tgt Ion:165 Resp: 10786
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: BF138969.D

Acq: 13 Aug 2024 12:16

Instrument :

BNA_F

ClientSampleId :

927-K1-SD-0.5-1.0-080724

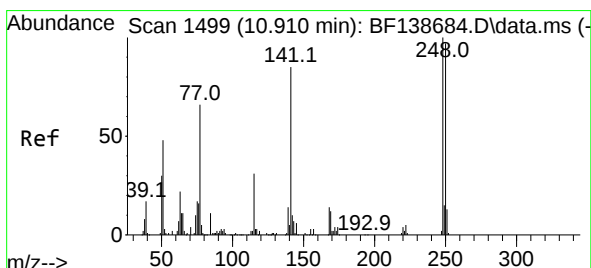
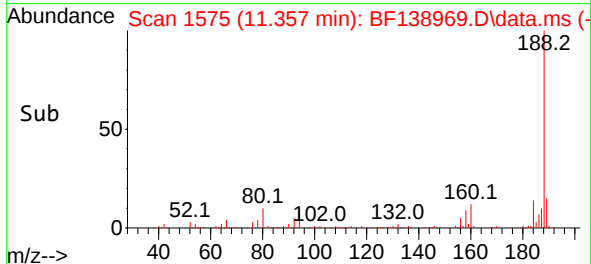
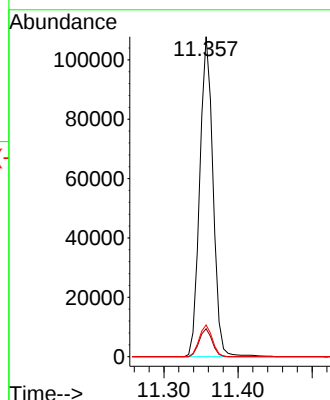
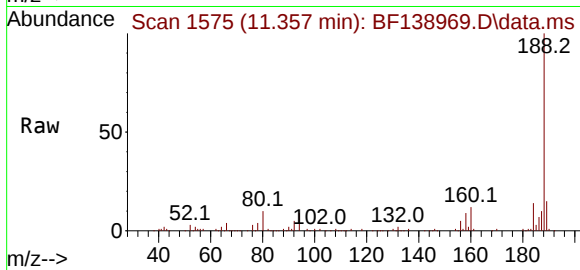
Tgt Ion:188 Resp: 134445

Ion Ratio Lower Upper

188 100

94 8.7 7.6 11.4

80 9.9 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 3.626 ng

RT: 10.663 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF138969.D

Acq: 13 Aug 2024 12:16

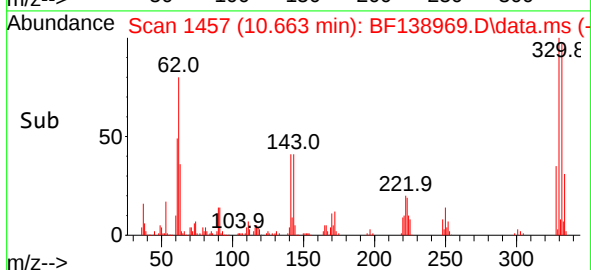
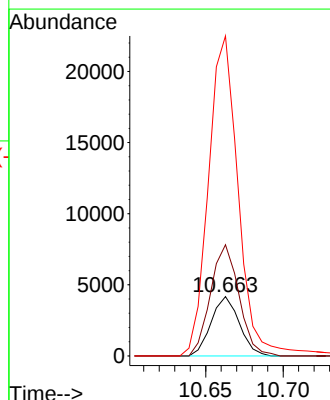
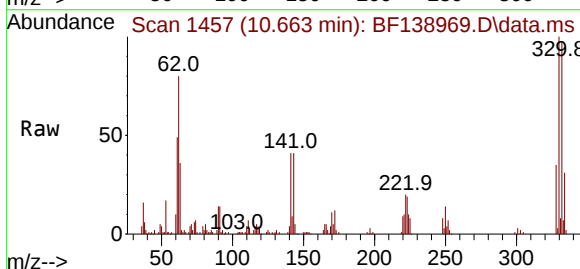
Tgt Ion:248 Resp: 5278

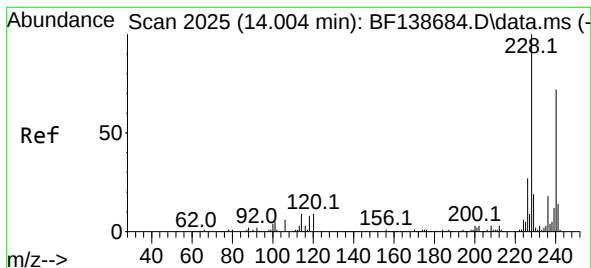
Ion Ratio Lower Upper

248 100

250 187.3 77.7 116.5#

141 538.6 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: BF138969.D

Acq: 13 Aug 2024 12:16

Instrument :

BNA_F

ClientSampleId :

927-K1-SD-0.5-1.0-080724

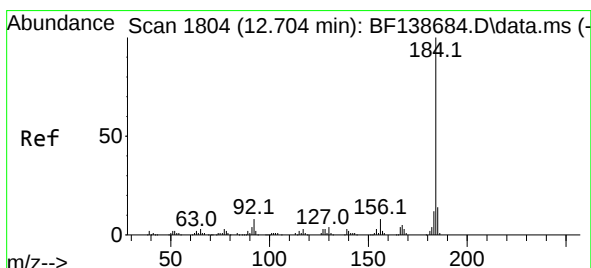
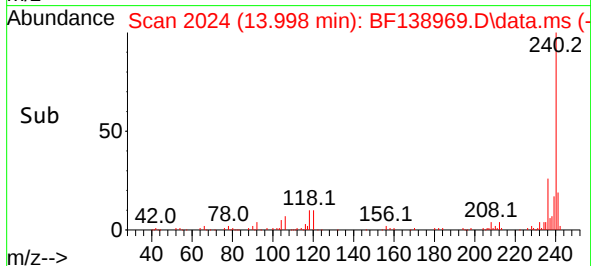
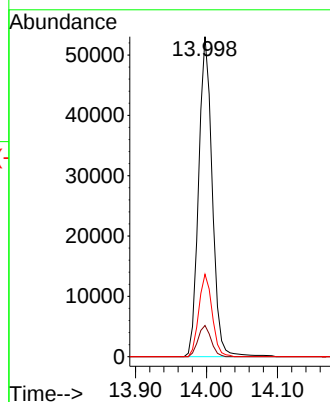
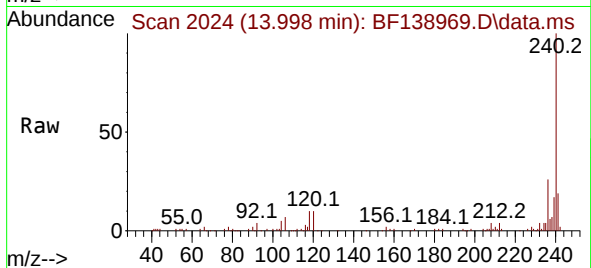
Tgt Ion:240 Resp: 70788

Ion Ratio Lower Upper

240 100

120 9.7 10.2 15.4#

236 25.7 19.8 29.8



#77

Benzidine

Concen: 2.257 ng

RT: 12.933 min Scan# 1843

Delta R.T. 0.229 min

Lab File: BF138969.D

Acq: 13 Aug 2024 12:16

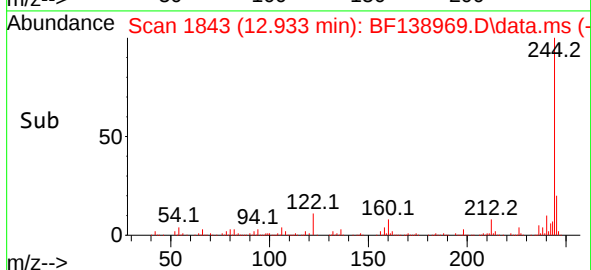
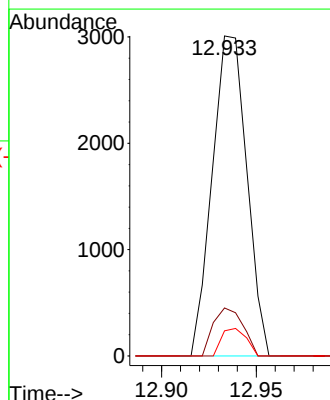
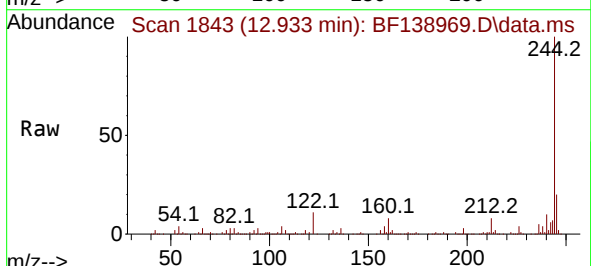
Tgt Ion:184 Resp: 3822

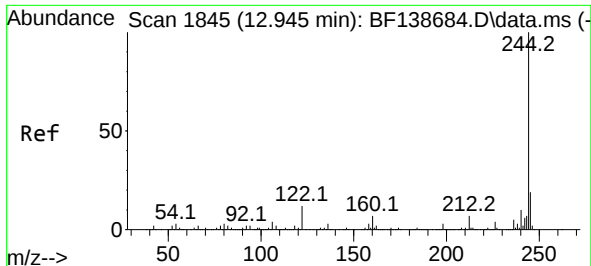
Ion Ratio Lower Upper

184 100

185 15.0 11.1 16.7

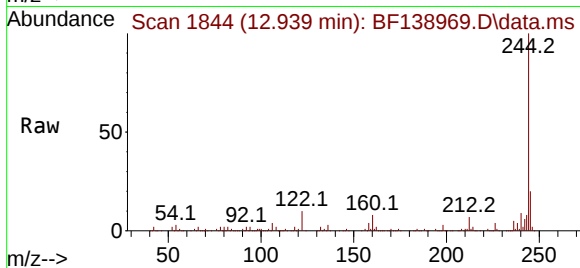
183 7.8 9.6 14.4#



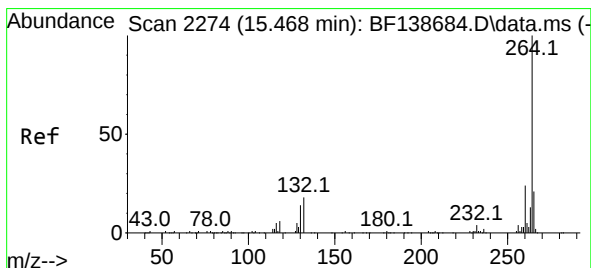
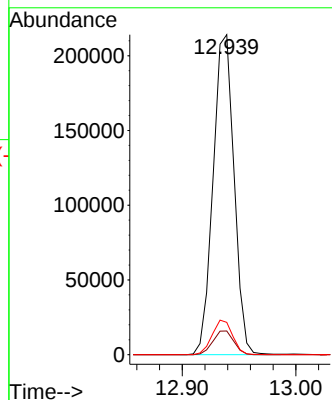
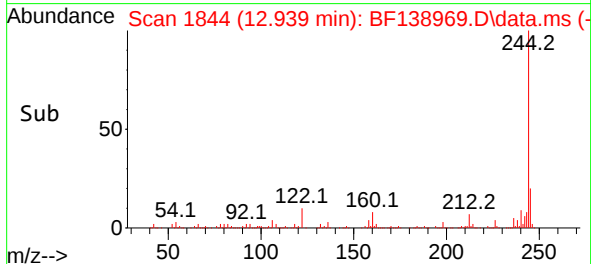


#79
Terphenyl-d14
Concen: 65.093 ng
RT: 12.939 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BF138969.D
Acq: 13 Aug 2024 12:16

Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724



Tgt Ion:244 Resp: 275213
Ion Ratio Lower Upper
244 100
212 7.4 5.4 8.2
122 10.1 9.6 14.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.462 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF138969.D
Acq: 13 Aug 2024 12:16

Tgt Ion:264 Resp: 68600
Ion Ratio Lower Upper
264 100
260 24.2 19.0 28.6
265 22.7 17.0 25.6

