

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081024\
 Data File : BF138917.D
 Acq On : 10 Aug 2024 18:53
 Operator : RC/JU
 Sample : P3466-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Aug 12 01:17:44 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)

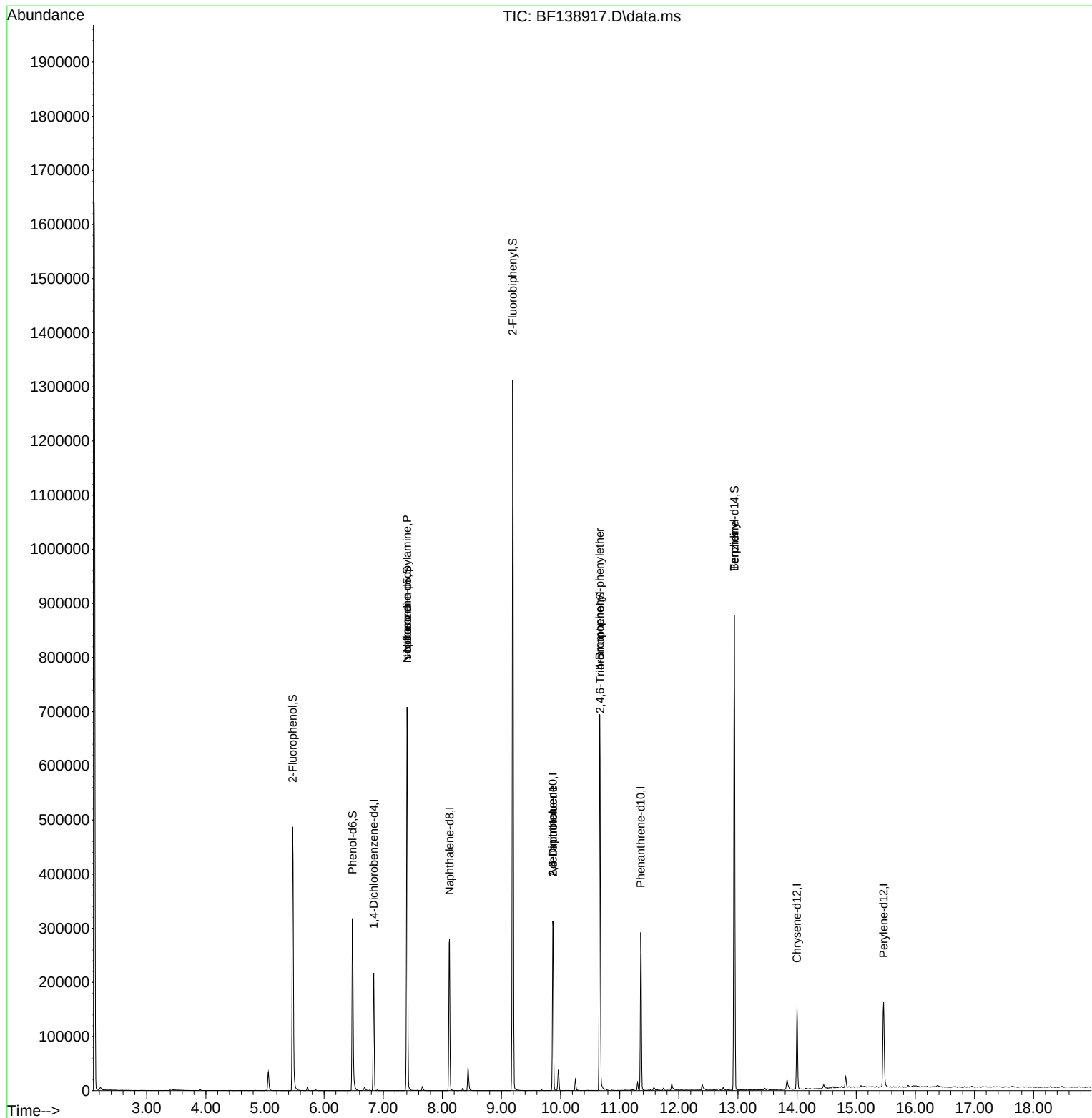
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	40983	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	169106	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	94281	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	148060	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	71760	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	93477	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	165544	62.353	ng	0.00
7) Phenol-d6	6.481	99	141048	39.570	ng	0.00
23) Nitrobenzene-d5	7.404	82	301791	87.253	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	101905	131.952	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	544333	86.747	ng	-0.01
79) Terphenyl-d14	12.939	244	404228	94.312	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	42501	19.741	ng	# 79
25) Isophorone	7.404	82	299682	50.741	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	12264	9.014	ng	# 19
57) 2,4-Dinitrotoluene	9.869	165	12264	7.065	ng	# 16
67) 4-Bromophenyl-phenylether	10.663	248	7160	4.467	ng	# 1
77) Benzidine	12.939	184	5520	3.216	ng	# 88

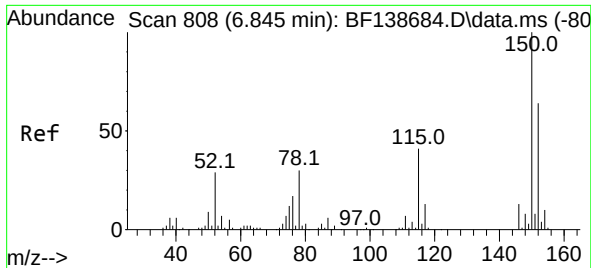
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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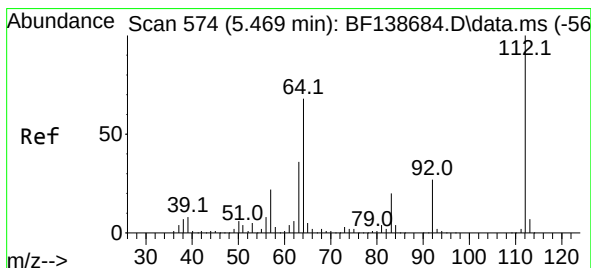
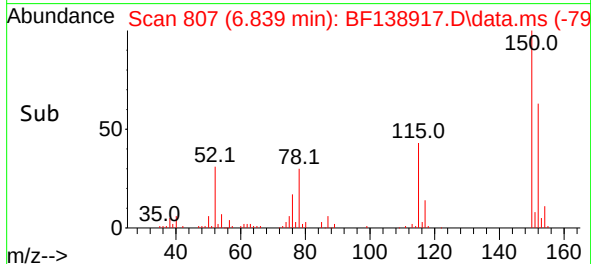
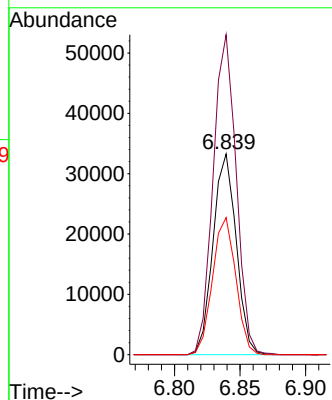
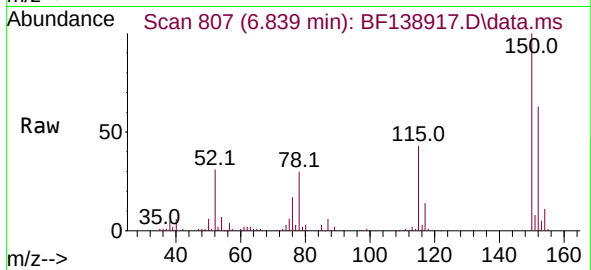




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF138917.D
Acq: 10 Aug 2024 18:53

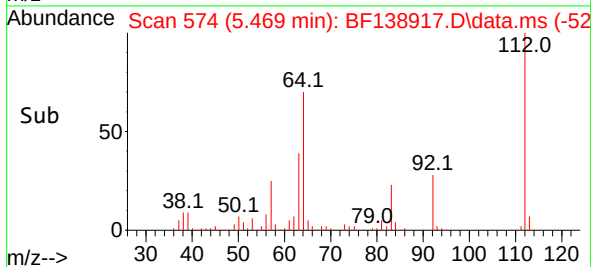
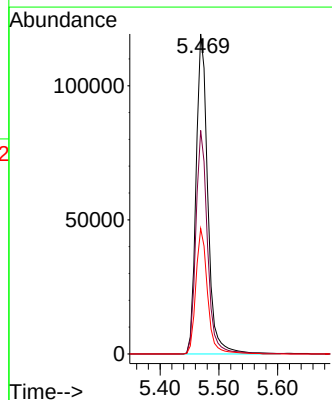
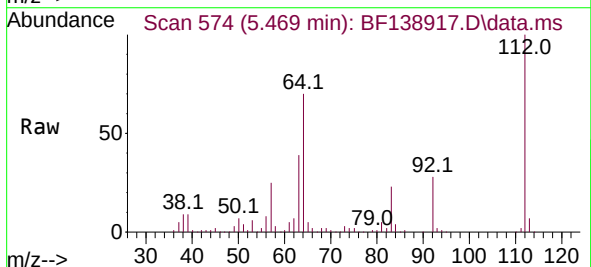
Instrument :
BNA_F
ClientSampleId :
924-K1-WP0-0.25-080224

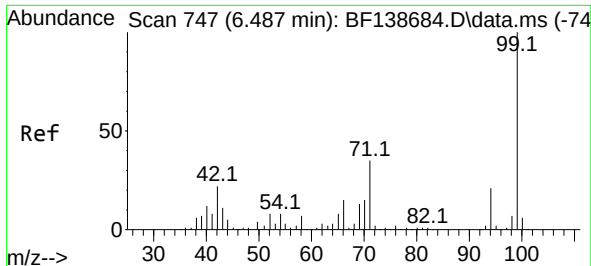
Tgt Ion:152 Resp: 40983
Ion Ratio Lower Upper
152 100
150 159.4 126.0 189.0
115 68.3 51.7 77.5



#5
2-Fluorophenol
Concen: 62.353 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF138917.D
Acq: 10 Aug 2024 18:53

Tgt Ion:112 Resp: 165544
Ion Ratio Lower Upper
112 100
64 69.8 54.2 81.4
63 39.2 28.7 43.1

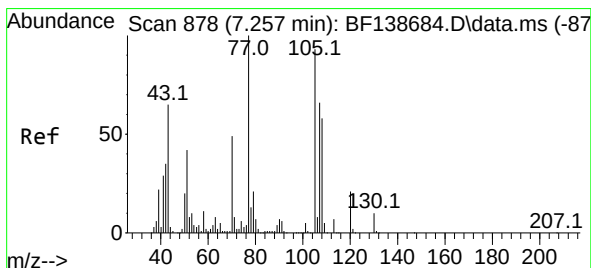
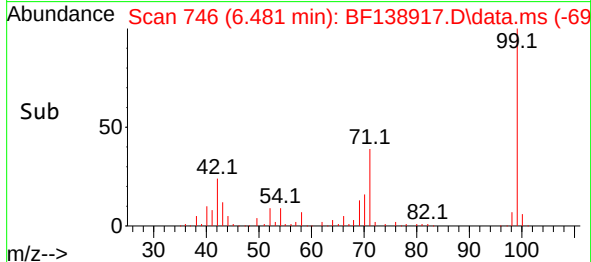
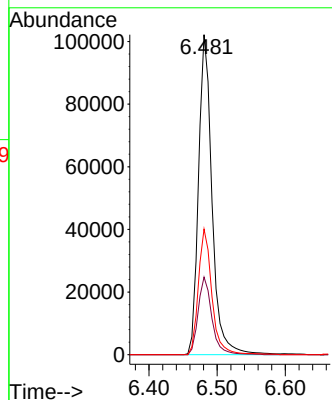
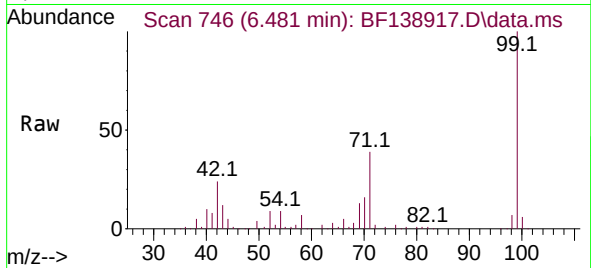




#7
Phenol-d6
Concen: 39.570 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138917.D
Acq: 10 Aug 2024 18:53

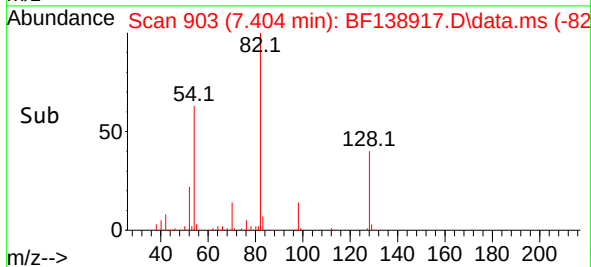
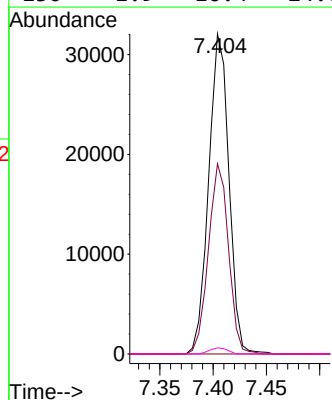
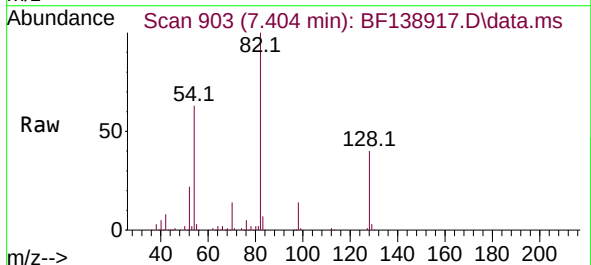
Instrument :
BNA_F
ClientSampleId :
924-K1-WP0-0.25-080224

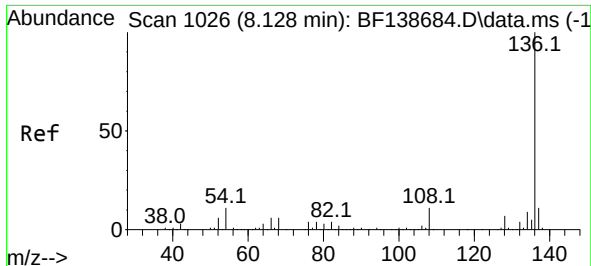
Tgt Ion: 99 Resp: 141048
Ion Ratio Lower Upper
99 100
42 24.2 17.4 26.0
71 39.3 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 19.741 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138917.D
Acq: 10 Aug 2024 18:53

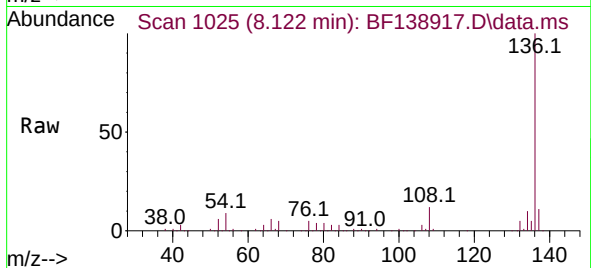
Tgt Ion: 70 Resp: 42501
Ion Ratio Lower Upper
70 100
42 59.5 57.4 86.0
101 0.0 7.5 11.3#
130 1.9 16.4 24.6#



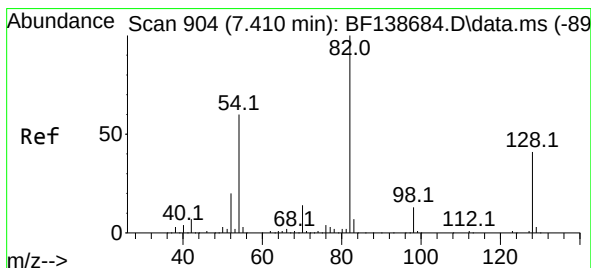
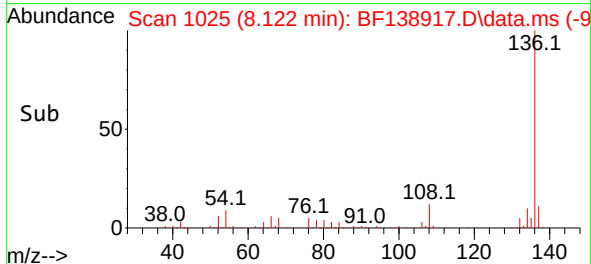
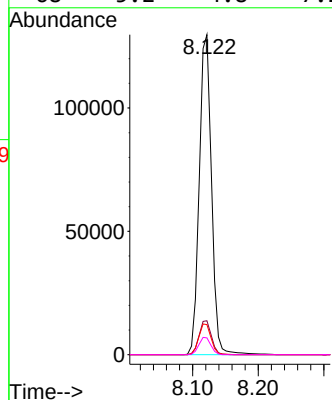


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF138917.D
Acq: 10 Aug 2024 18:53

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

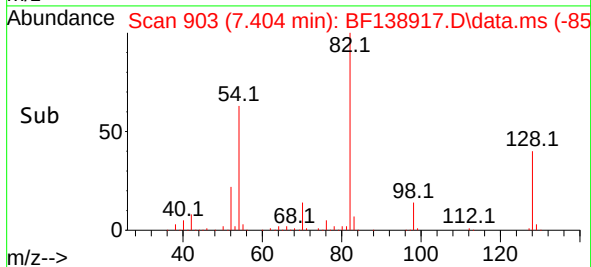
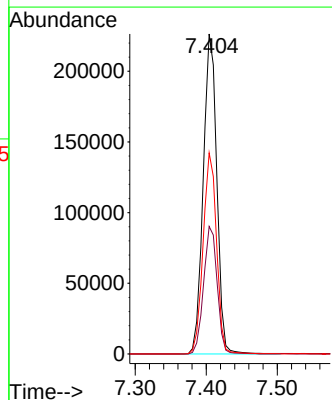
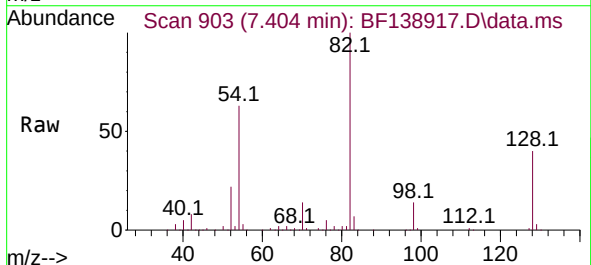


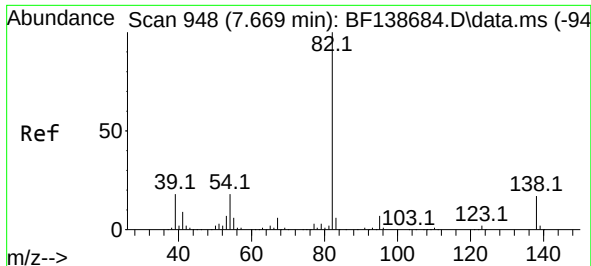
Tgt Ion:136 Resp: 169106
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 9.4 8.6 12.8
68 5.2 4.8 7.2



#23
Nitrobenzene-d5
Concen: 87.253 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138917.D
Acq: 10 Aug 2024 18:53

Tgt Ion: 82 Resp: 301791
Ion Ratio Lower Upper
82 100
128 39.8 32.8 49.2
54 62.8 48.3 72.5

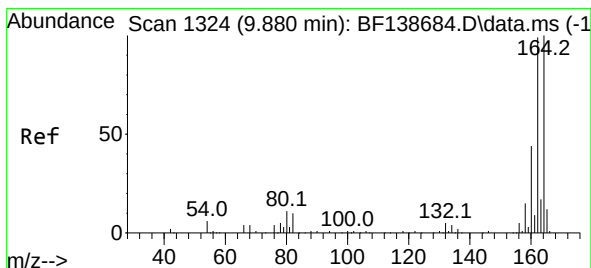
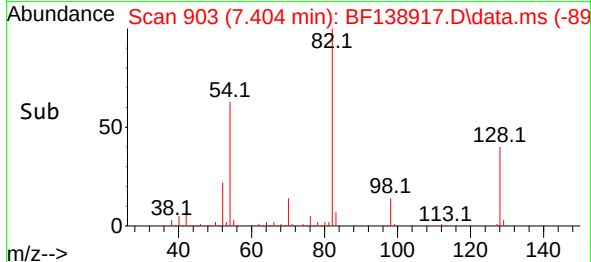
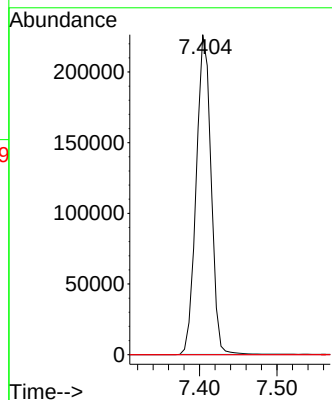
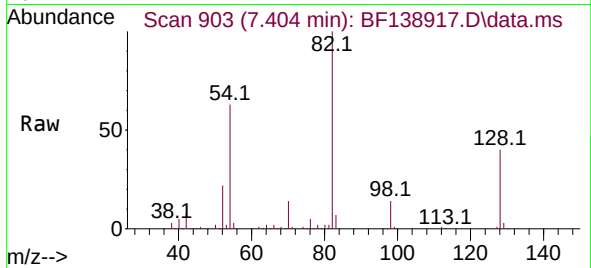




#25
Isophorone
Concen: 50.741 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138917.D
Acq: 10 Aug 2024 18:53

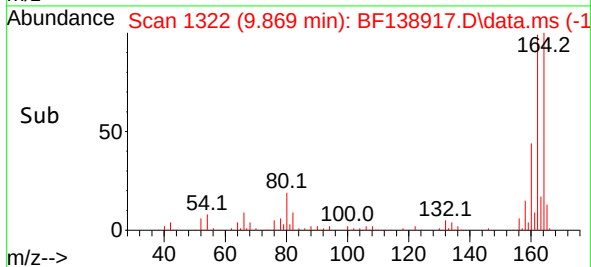
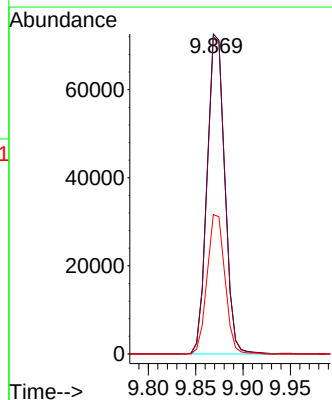
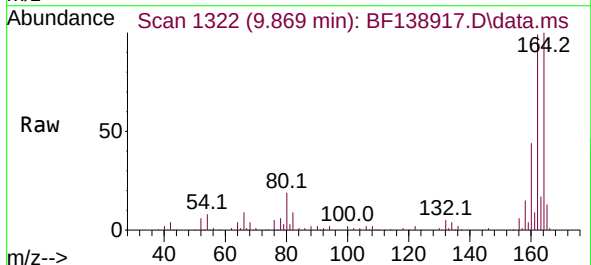
Instrument :
BNA_F
ClientSampleId :
924-K1-WP0-0.25-080224

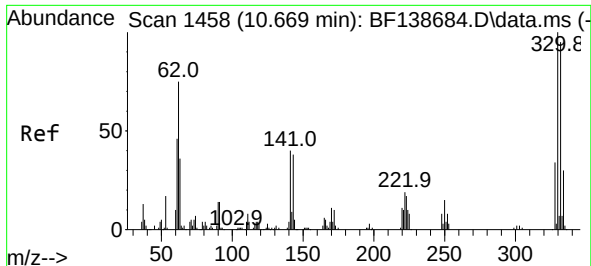
Tgt Ion: 82 Resp: 299682
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF138917.D
Acq: 10 Aug 2024 18:53

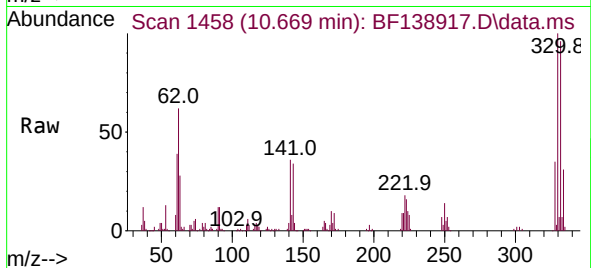
Tgt Ion:164 Resp: 94281
Ion Ratio Lower Upper
164 100
162 99.0 79.4 119.0
160 43.6 35.1 52.7



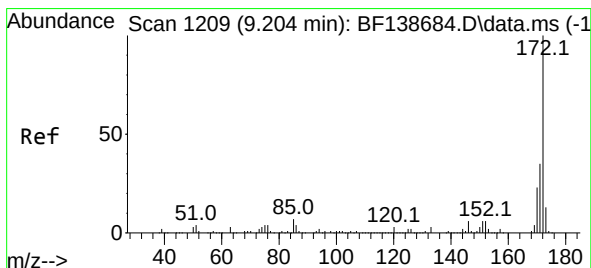
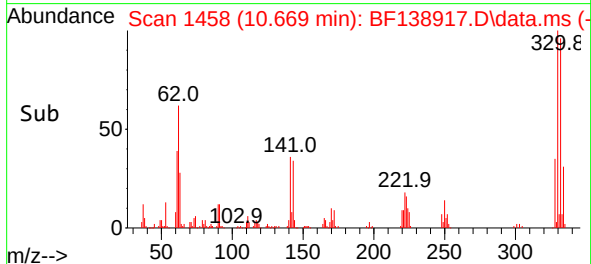
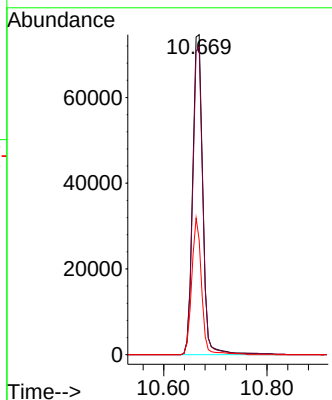


#42
2,4,6-Tribromophenol
Concen: 131.952 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF138917.D
Acq: 10 Aug 2024 18:53

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

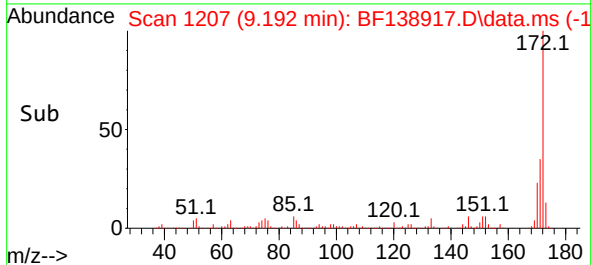
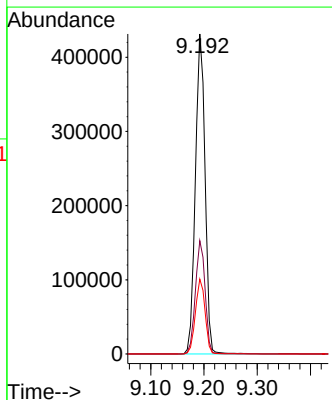
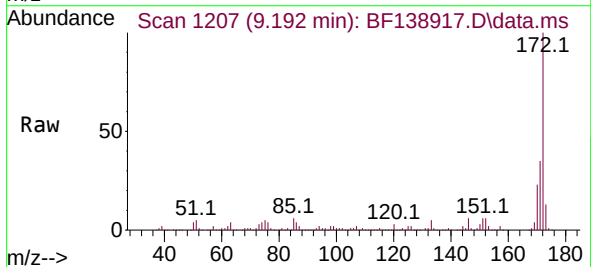


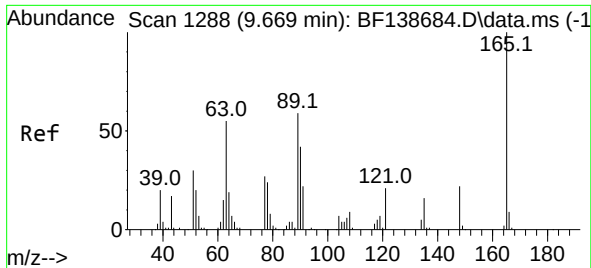
Tgt Ion:330 Resp: 101905
Ion Ratio Lower Upper
330 100
332 95.2 76.4 114.6
141 41.1 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 86.747 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138917.D
Acq: 10 Aug 2024 18:53

Tgt Ion:172 Resp: 544333
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.4 18.8 28.2

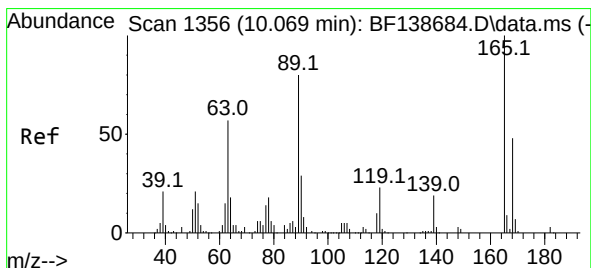
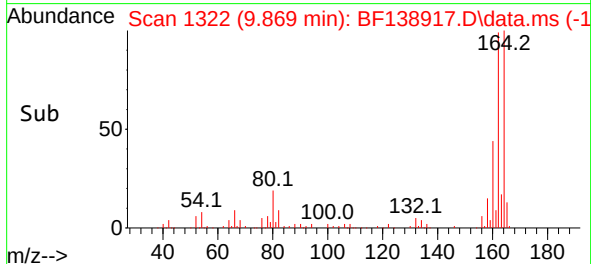
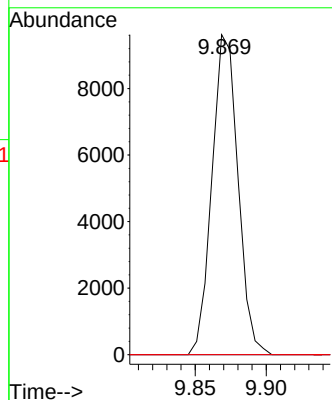
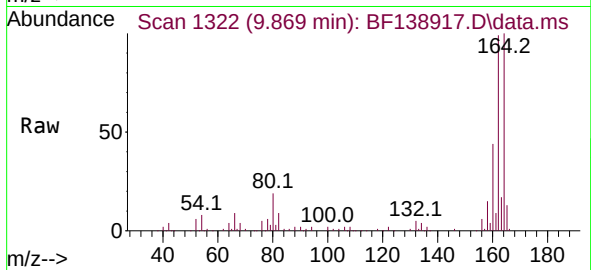




#51
2,6-Dinitrotoluene
Concen: 9.014 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138917.D
Acq: 10 Aug 2024 18:53

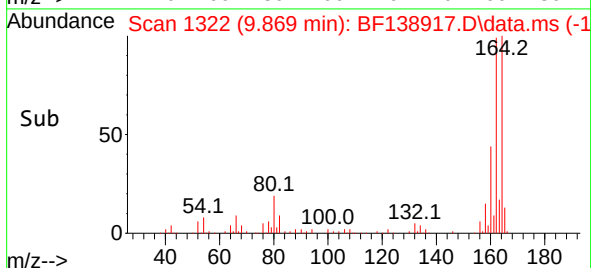
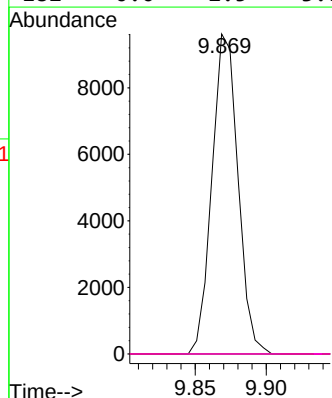
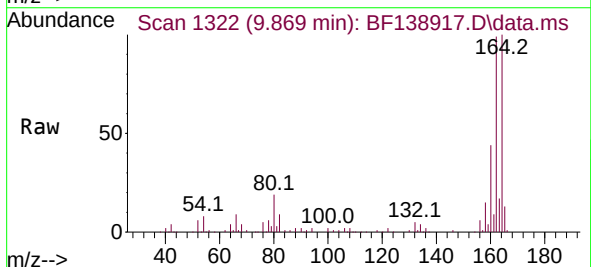
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ClientSampleId :
924-K1-WP0-0.25-080224

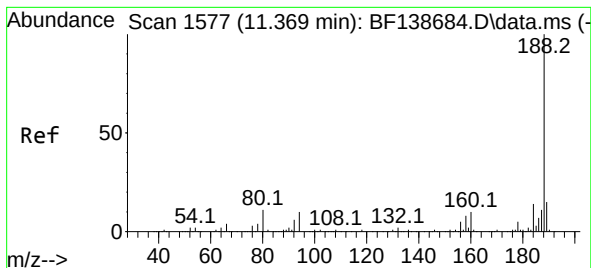
Tgt Ion:165 Resp: 12264
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 0.0 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 7.065 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF138917.D
Acq: 10 Aug 2024 18:53

Tgt Ion:165 Resp: 12264
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: BF138917.D

Acq: 10 Aug 2024 18:53

Instrument :

BNA_F

ClientSampleId :

924-K1-WP0-0.25-080224

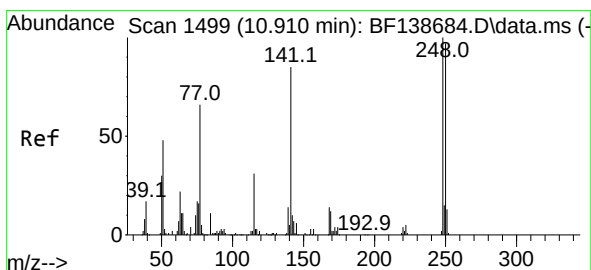
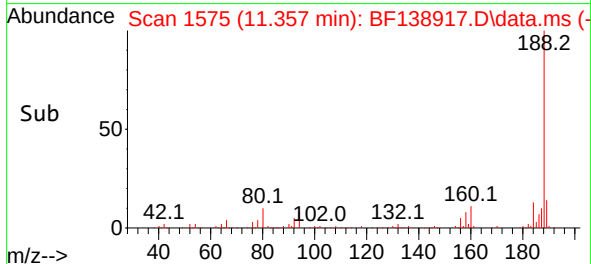
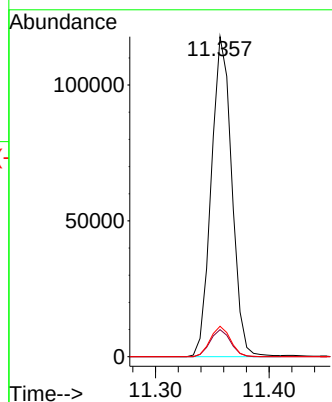
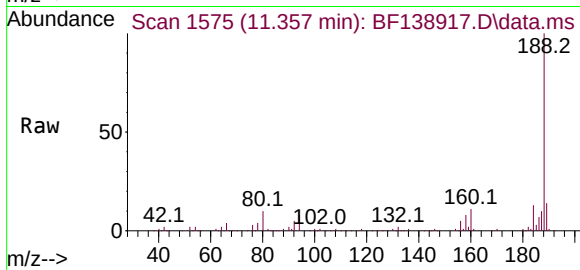
Tgt Ion:188 Resp: 148060

Ion Ratio Lower Upper

188 100

94 8.5 7.6 11.4

80 9.5 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 4.467 ng

RT: 10.663 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF138917.D

Acq: 10 Aug 2024 18:53

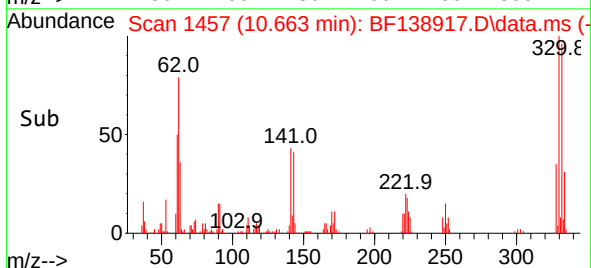
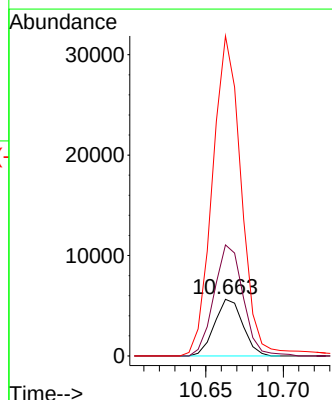
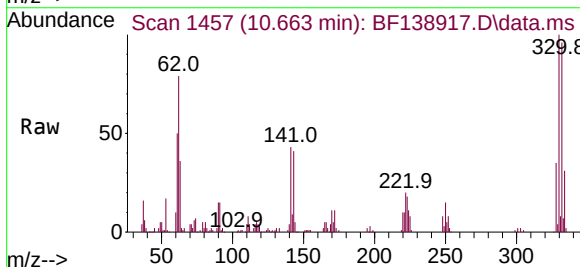
Tgt Ion:248 Resp: 7160

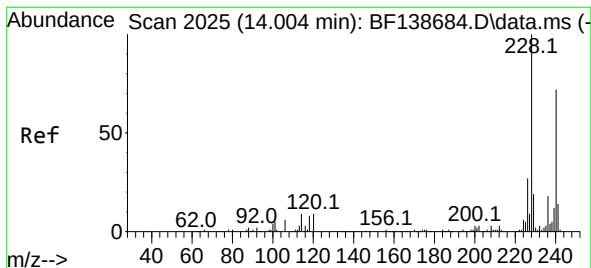
Ion Ratio Lower Upper

248 100

250 195.9 77.7 116.5#

141 564.5 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: BF138917.D

Acq: 10 Aug 2024 18:53

Instrument :

BNA_F

ClientSampleId :

924-K1-WP0-0.25-080224

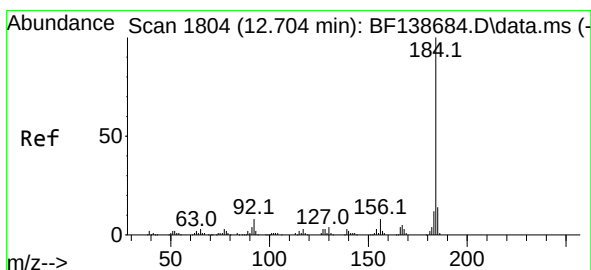
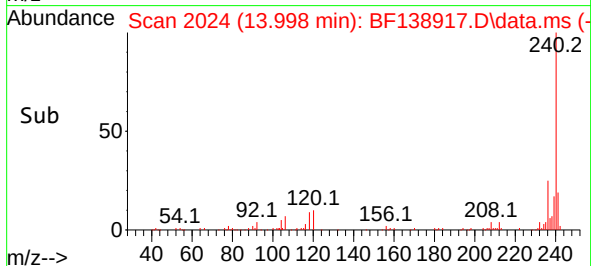
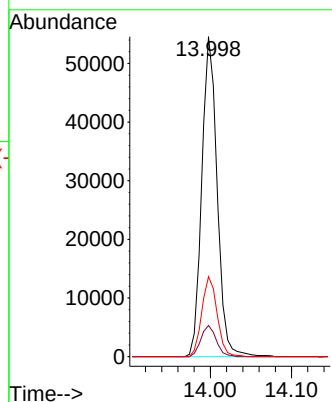
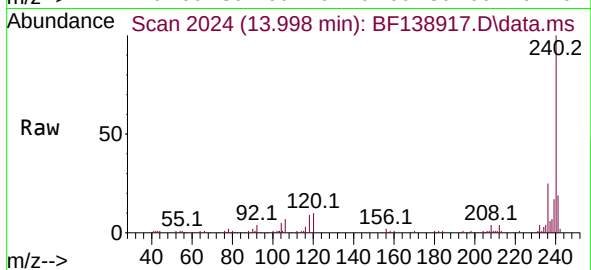
Tgt Ion:240 Resp: 71760

Ion Ratio Lower Upper

240 100

120 9.8 10.2 15.4#

236 25.0 19.8 29.8



#77

Benzidine

Concen: 3.216 ng

RT: 12.939 min Scan# 1844

Delta R.T. 0.235 min

Lab File: BF138917.D

Acq: 10 Aug 2024 18:53

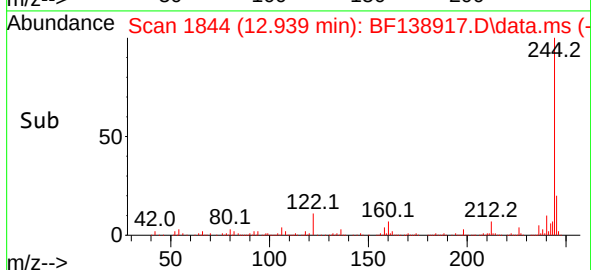
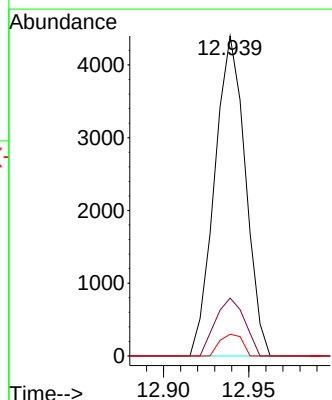
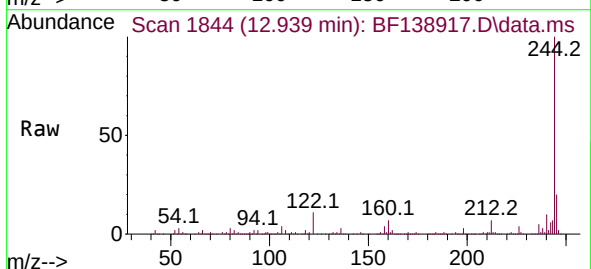
Tgt Ion:184 Resp: 5520

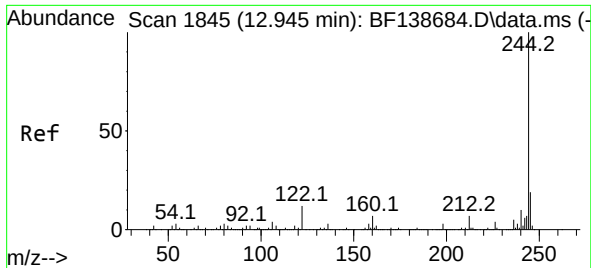
Ion Ratio Lower Upper

184 100

185 18.1 11.1 16.7#

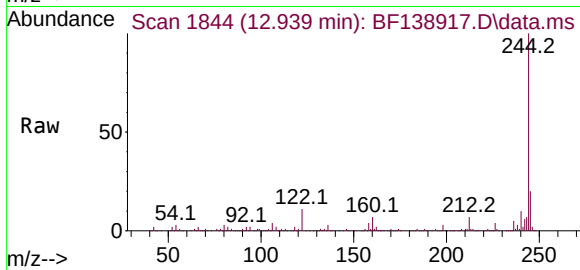
183 6.8 9.6 14.4#



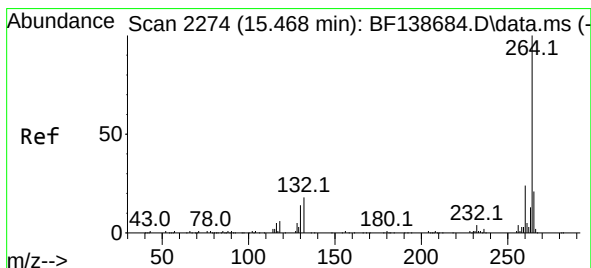
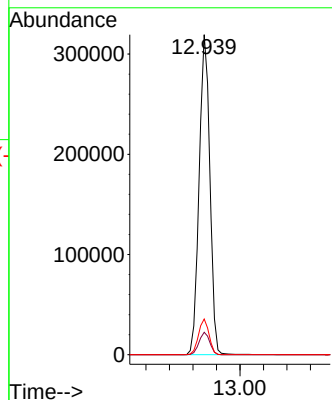
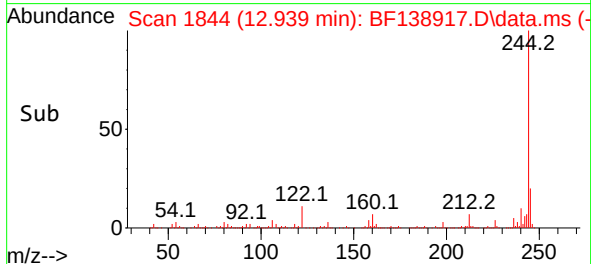


#79
 Terphenyl-d14
 Concen: 94.312 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF138917.D
 Acq: 10 Aug 2024 18:53

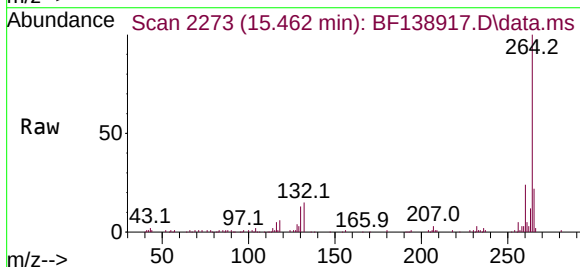
Instrument :
 BNA_F
 ClientSampleId :
 924-K1-WP0-0.25-080224



Tgt Ion:244 Resp: 404228
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 11.2 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: BF138917.D
 Acq: 10 Aug 2024 18:53



Tgt Ion:264 Resp: 93477
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.6
 265 21.6 17.0 25.6

