

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080724\
 Data File : BF138854.D
 Acq On : 07 Aug 2024 21:08
 Operator : RC/JU
 Sample : P3430-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 925-K1-WP0-0-0.25-073124

Quant Time: Aug 08 01:21:29 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)

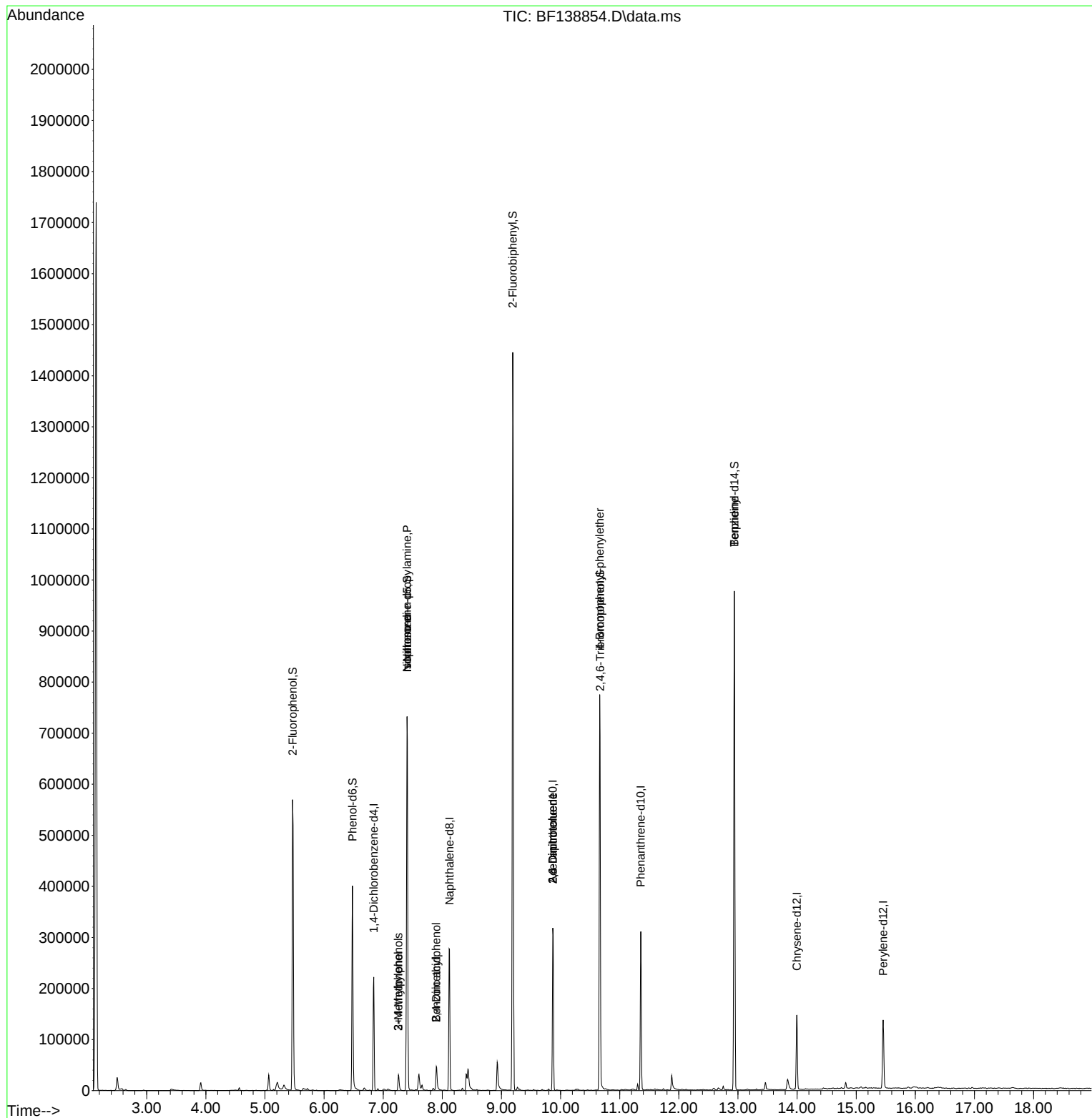
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	41667	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	170222	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	93712	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	152505	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	71246	20.000	ng	# 0.00
86) Perylene-d12	15.456	264	77648	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	189157	70.078	ng	0.00
7) Phenol-d6	6.481	99	163736	45.181	ng	0.00
23) Nitrobenzene-d5	7.404	82	332110	95.389	ng	0.00
42) 2,4,6-Tribromophenol	10.668	330	116150	151.311	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	614503	98.524	ng	-0.01
79) Terphenyl-d14	12.939	244	453101	106.478	ng	0.00
Target Compounds						
						Qvalue
17) 2-Methylphenol	7.257	107	11440	4.878	ng	# 71
19) n-Nitroso-di-n-propyla...	7.404	70	44696	20.420	ng	# 77
20) 3+4-Methylphenols	7.257	107	11440	3.802	ng	# 47
25) Isophorone	7.404	82	330150	55.534	ng	# 66
27) 2,4-Dimethylphenol	7.898	122	11075	6.073	ng	# 28
32) Benzoic acid	7.898	122	11075	7.726	ng	# 47
51) 2,6-Dinitrotoluene	9.869	165	11740	8.682	ng	# 22
57) 2,4-Dinitrotoluene	9.869	165	11740	6.805	ng	# 19
67) 4-Bromophenyl-phenylether	10.663	248	7988	4.838	ng	# 1
77) Benzidine	12.939	184	6157	3.613	ng	# 90

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

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Response via : Initial Calibration

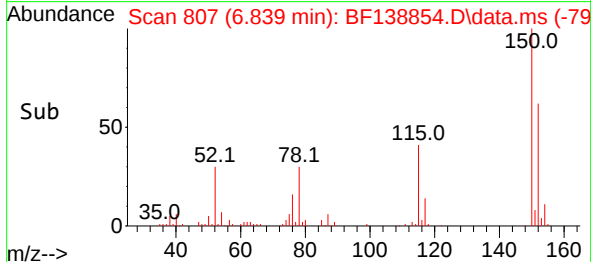
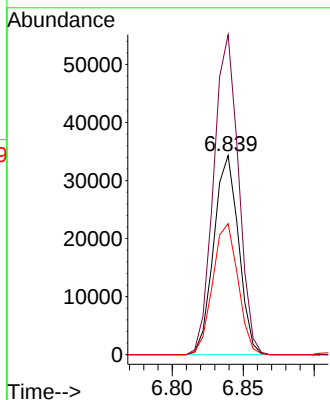
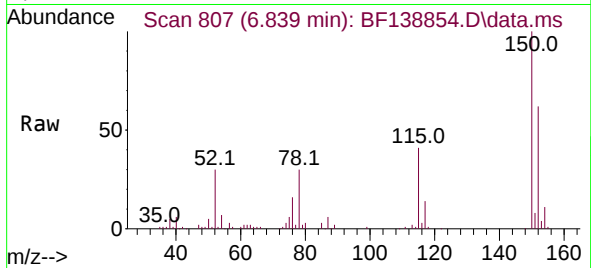




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF138854.D
Acq: 07 Aug 2024 21:08

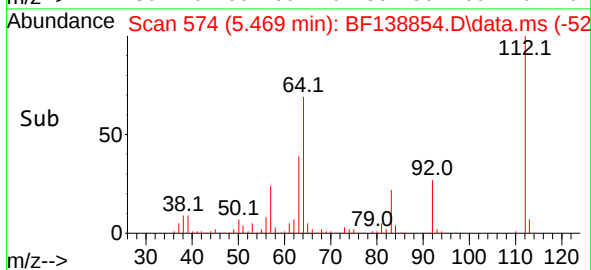
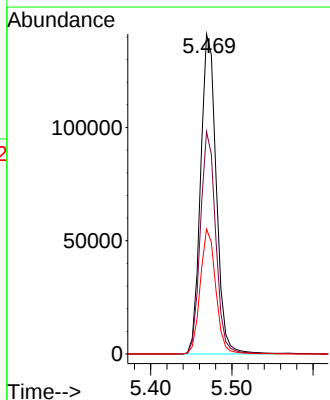
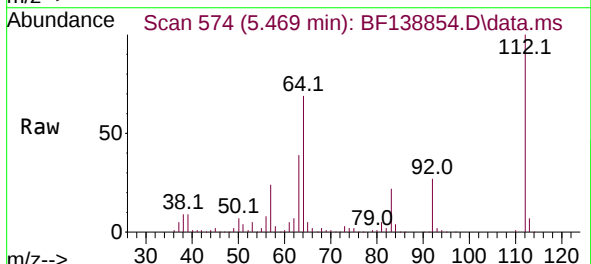
Instrument :
BNA_F
ClientSampleId :
925-K1-WP0-0-0.25-073124

Tgt Ion:152 Resp: 41667
Ion Ratio Lower Upper
152 100
150 160.6 126.0 189.0
115 65.8 51.7 77.5



#5
2-Fluorophenol
Concen: 70.078 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF138854.D
Acq: 07 Aug 2024 21:08

Tgt Ion:112 Resp: 189157
Ion Ratio Lower Upper
112 100
64 69.5 54.2 81.4
63 39.1 28.7 43.1

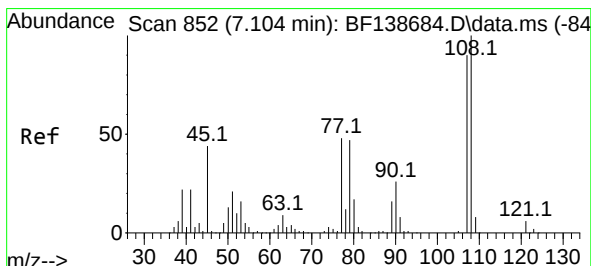
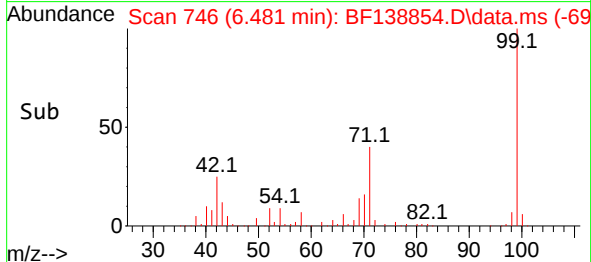
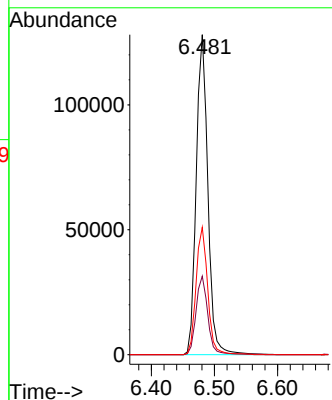
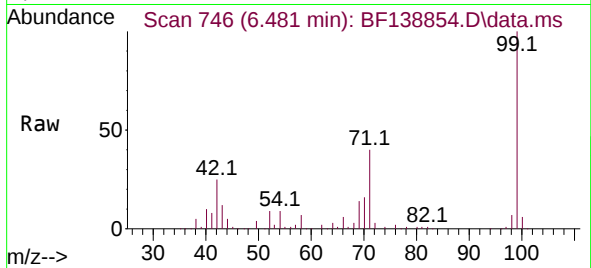




#7
Phenol-d6
Concen: 45.181 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138854.D
Acq: 07 Aug 2024 21:08

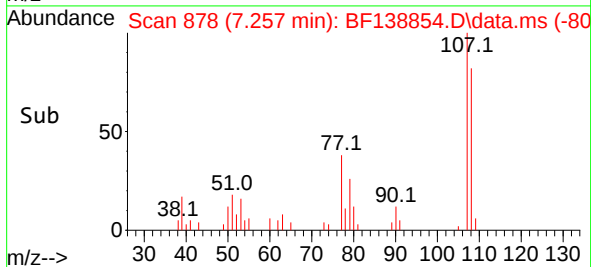
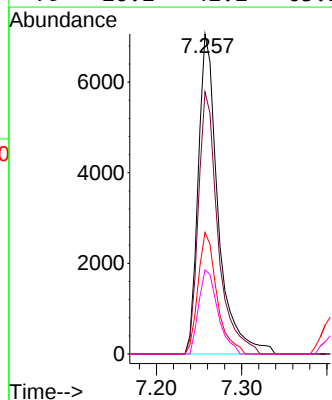
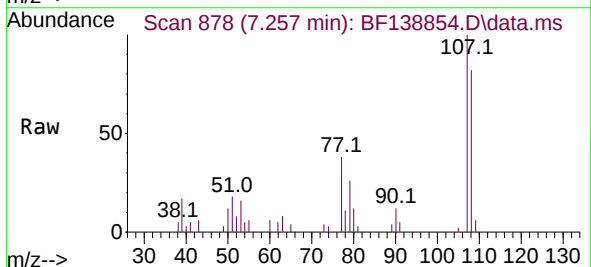
Instrument :
BNA_F
ClientSampleId :
925-K1-WP0-0-0.25-073124

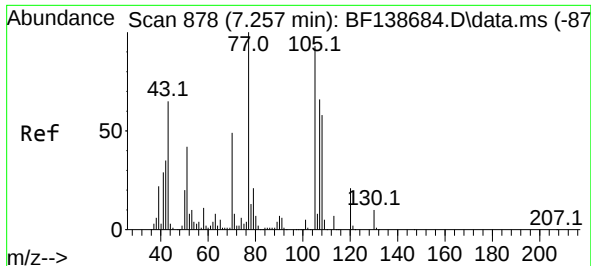
Tgt Ion: 99 Resp: 163736
Ion Ratio Lower Upper
99 100
42 24.6 17.4 26.0
71 39.8 28.1 42.1



#17
2-Methylphenol
Concen: 4.878 ng
RT: 7.257 min Scan# 878
Delta R.T. 0.153 min
Lab File: BF138854.D
Acq: 07 Aug 2024 21:08

Tgt Ion: 107 Resp: 11440
Ion Ratio Lower Upper
107 100
108 81.9 89.2 133.8#
77 38.0 43.0 64.4#
79 26.2 42.2 63.2#





#19

n-Nitroso-di-n-propylamine

Concen: 20.420 ng

RT: 7.404 min Scan# 90

Delta R.T. 0.147 min

Lab File: BF138854.D

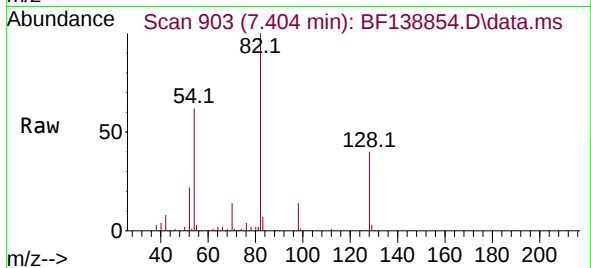
Acq: 07 Aug 2024 21:08

Instrument :

BNA_F

ClientSampleId :

925-K1-WP0-0-0.25-073124



Tgt Ion: 70 Resp: 44696

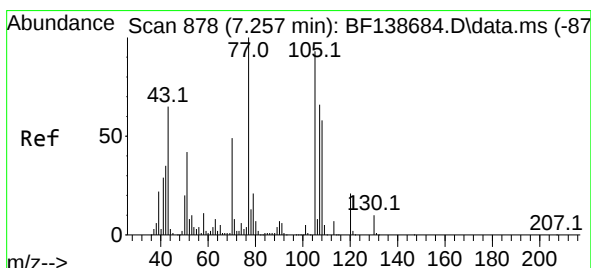
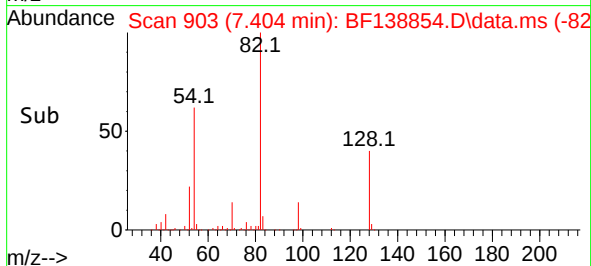
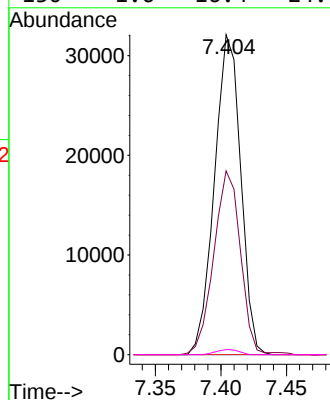
Ion Ratio Lower Upper

70 100

42 57.4 57.4 86.0

101 0.0 7.5 11.3#

130 1.6 16.4 24.6#



#20

3+4-Methylphenols

Concen: 3.802 ng

RT: 7.257 min Scan# 878

Delta R.T. -0.000 min

Lab File: BF138854.D

Acq: 07 Aug 2024 21:08

Tgt Ion: 107 Resp: 11440

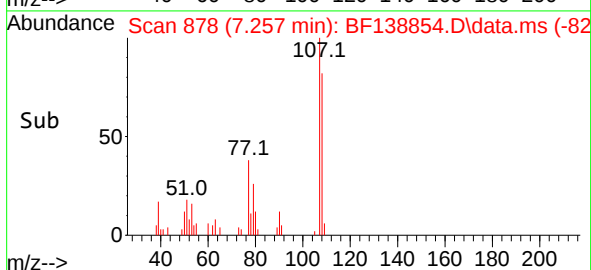
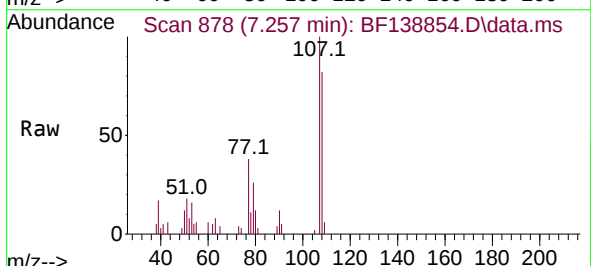
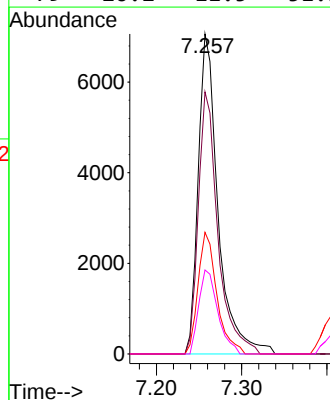
Ion Ratio Lower Upper

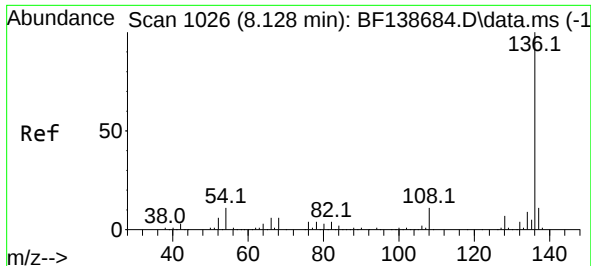
107 100

108 81.9 68.2 108.2

77 38.0 132.1 172.1#

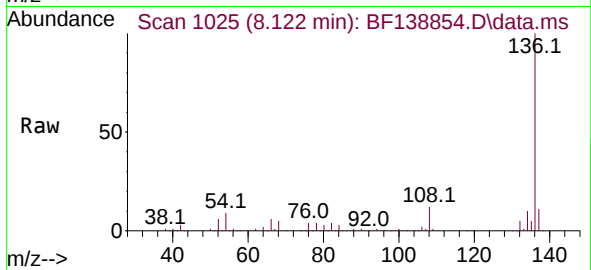
79 26.2 11.5 51.5



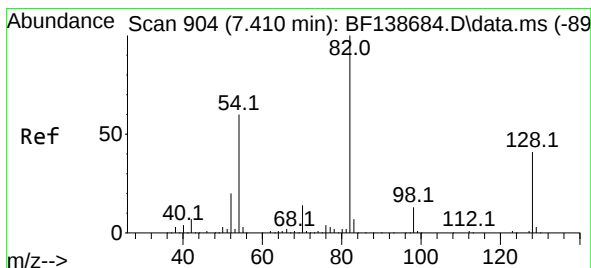
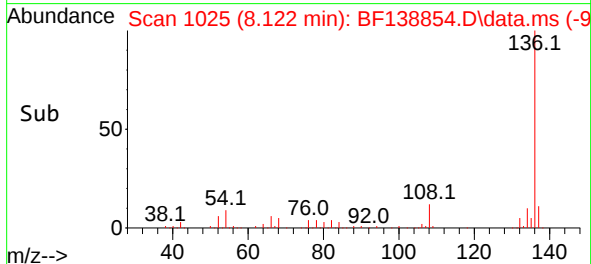
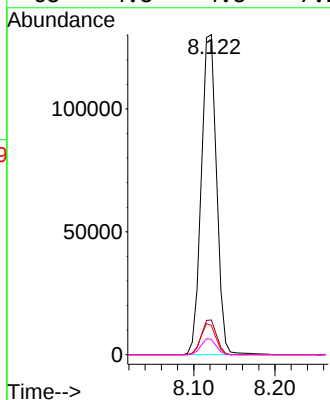


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138854.D
Acq: 07 Aug 2024 21:08

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BNA_F
ClientSampleId :
925-K1-WP0-0-0.25-073124

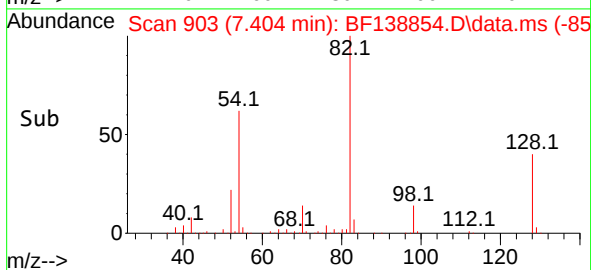
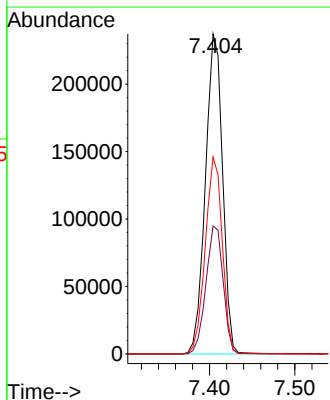
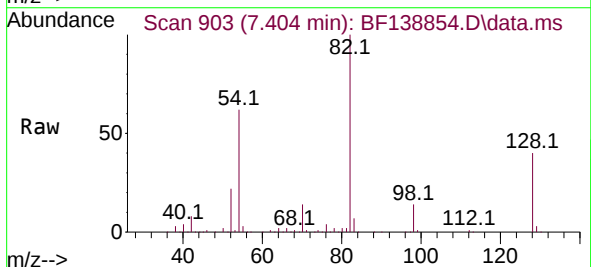


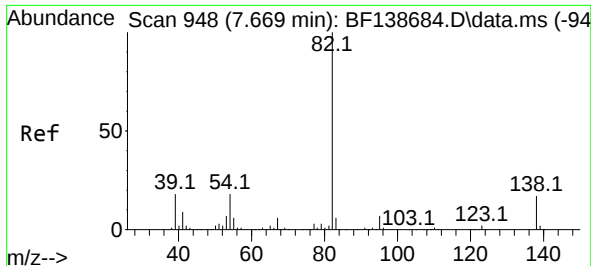
Tgt Ion:	136	Resp:	170222
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.9	13.3
54	9.1	8.6	12.8
68	4.8	4.8	7.2



#23
Nitrobenzene-d5
Concen: 95.389 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138854.D
Acq: 07 Aug 2024 21:08

Tgt Ion:	82	Resp:	332110
Ion Ratio	Lower	Upper	
82	100		
128	40.0	32.8	49.2
54	61.5	48.3	72.5

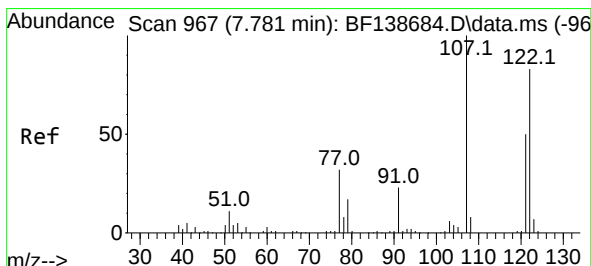
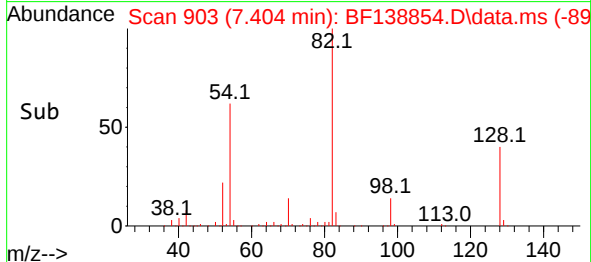
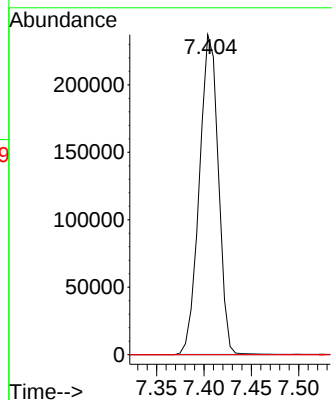
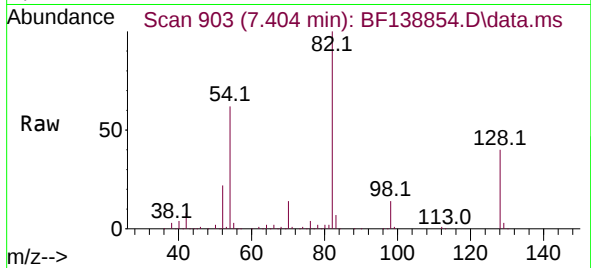




#25
Isophorone
Concen: 55.534 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138854.D
Acq: 07 Aug 2024 21:08

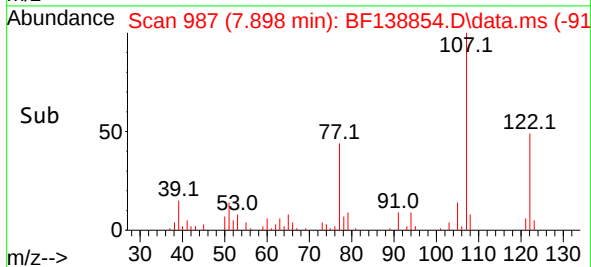
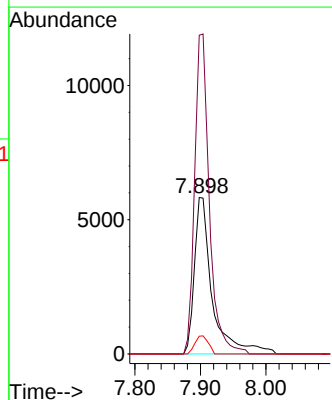
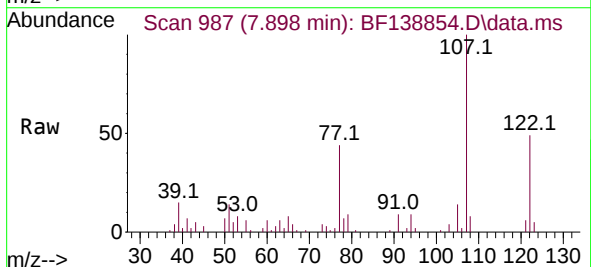
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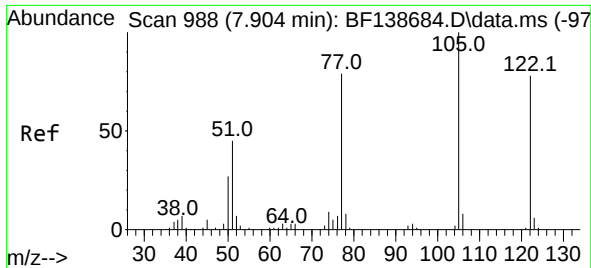
Tgt Ion: 82 Resp: 330150
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#27
2,4-Dimethylphenol
Concen: 6.073 ng
RT: 7.898 min Scan# 987
Delta R.T. 0.117 min
Lab File: BF138854.D
Acq: 07 Aug 2024 21:08

Tgt Ion:122 Resp: 11075
Ion Ratio Lower Upper
122 100
107 203.7 95.0 142.6#
121 11.4 47.3 70.9#

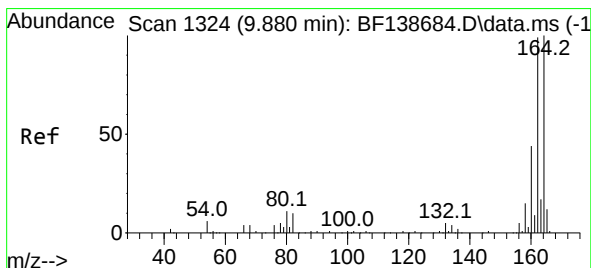
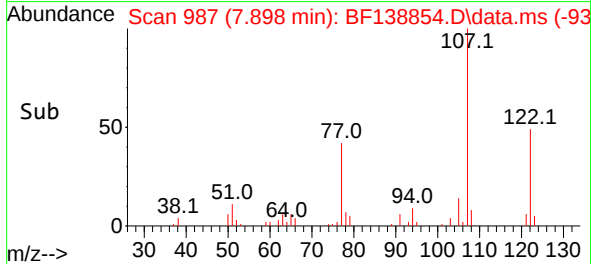
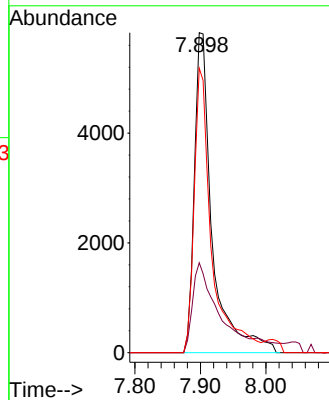
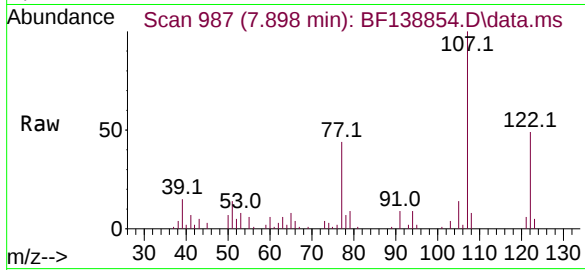




#32
Benzoic acid
Concen: 7.726 ng
RT: 7.898 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF138854.D
Acq: 07 Aug 2024 21:08

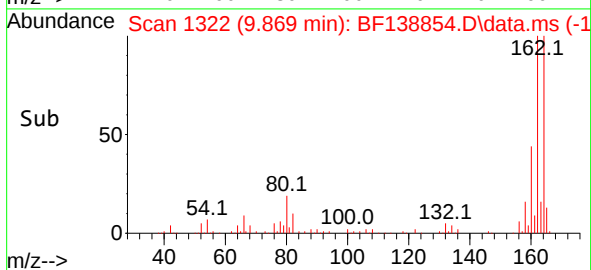
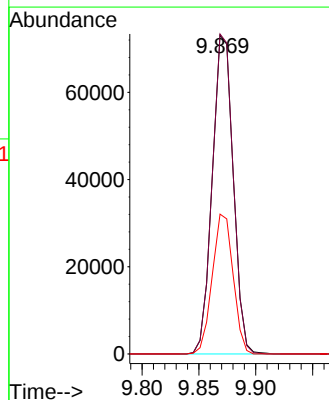
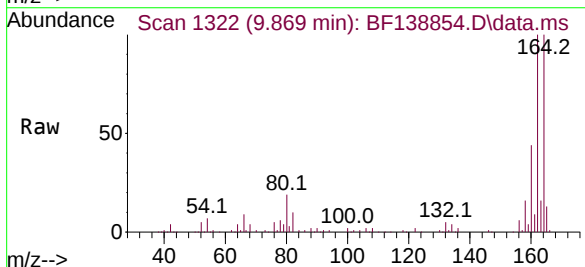
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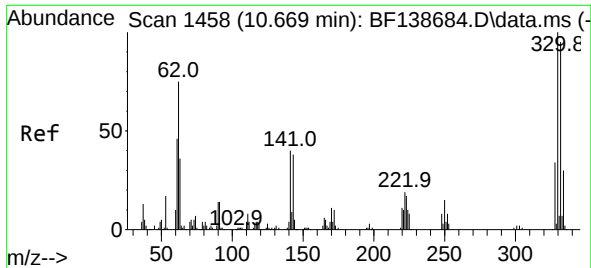
Tgt Ion:122 Resp: 11075
Ion Ratio Lower Upper
122 100
105 28.1 106.7 146.7#
77 88.9 81.1 121.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF138854.D
Acq: 07 Aug 2024 21:08

Tgt Ion:164 Resp: 93712
Ion Ratio Lower Upper
164 100
162 100.3 79.4 119.0
160 43.8 35.1 52.7

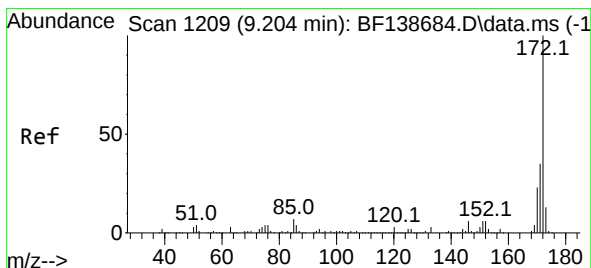
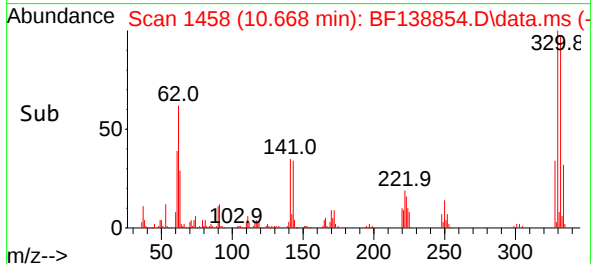
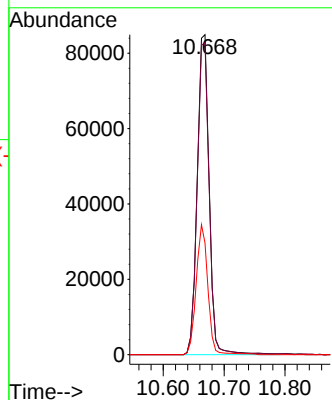
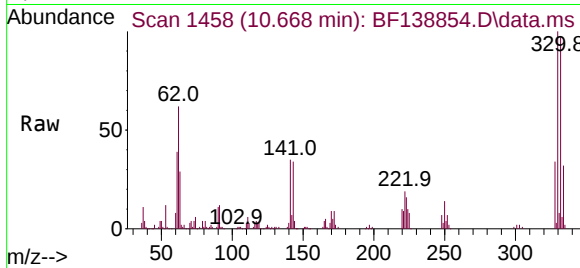




#42
2,4,6-Tribromophenol
Concen: 151.311 ng
RT: 10.668 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF138854.D
Acq: 07 Aug 2024 21:08

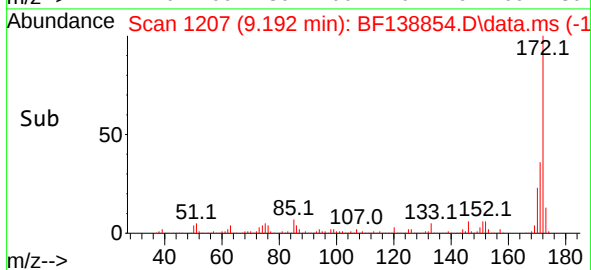
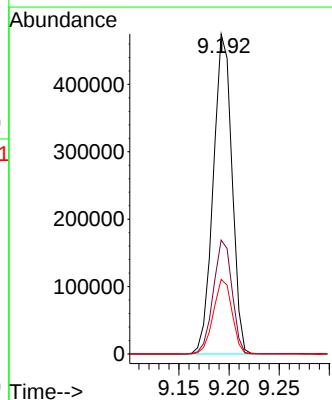
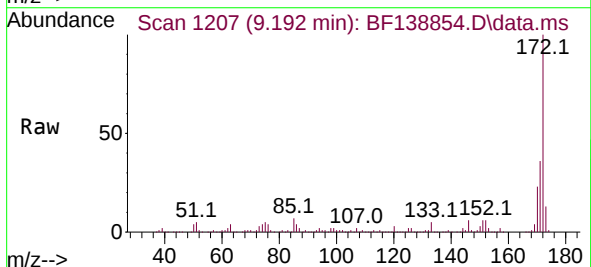
Instrument :
BNA_F
ClientSampleId :
925-K1-WP0-0-0.25-073124

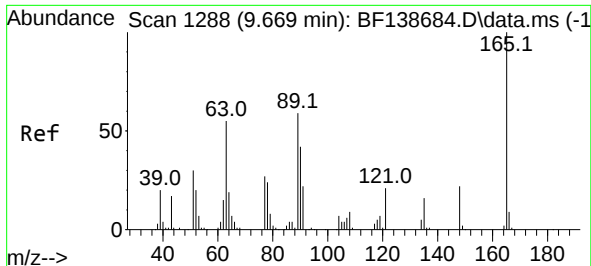
Tgt Ion: 330 Resp: 116150
Ion Ratio Lower Upper
330 100
332 96.9 76.4 114.6
141 39.5 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 98.524 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138854.D
Acq: 07 Aug 2024 21:08

Tgt Ion: 172 Resp: 614503
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.3 18.8 28.2

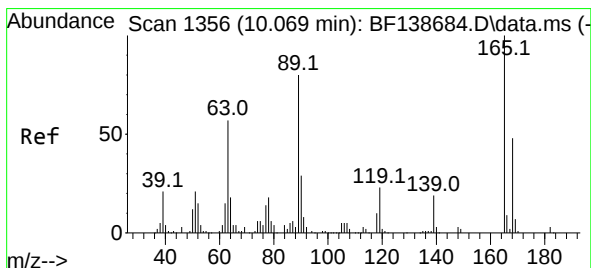
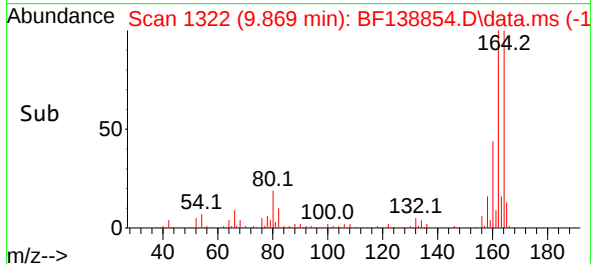
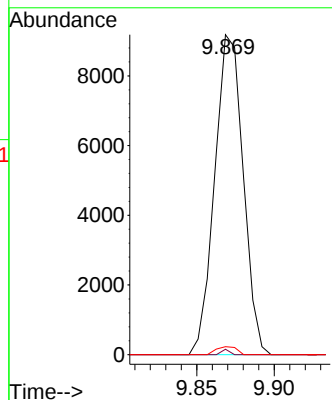
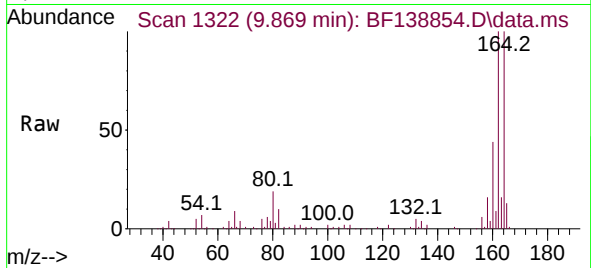




#51
2,6-Dinitrotoluene
Concen: 8.682 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138854.D
Acq: 07 Aug 2024 21:08

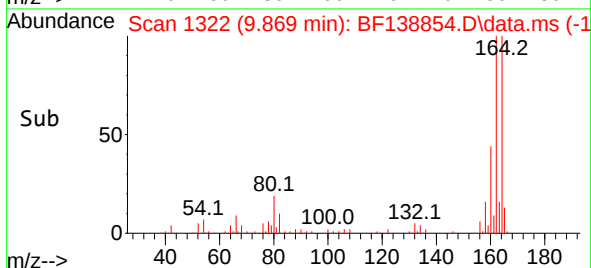
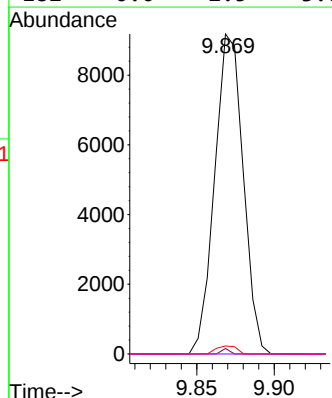
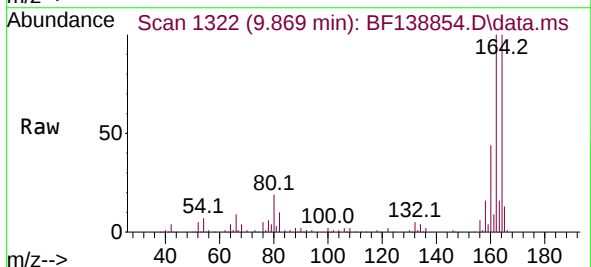
Instrument :
BNA_F
ClientSampleId :
925-K1-WP0-0-0.25-073124

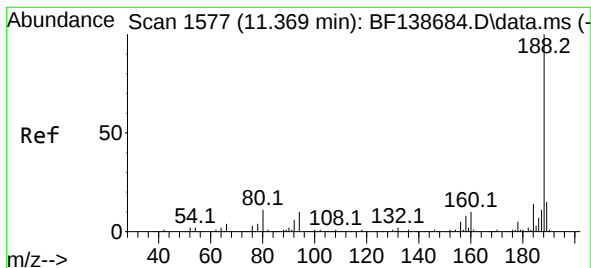
Tgt Ion:165 Resp: 11740
Ion Ratio Lower Upper
165 100
63 1.7 52.0 78.0#
89 2.5 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 6.805 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF138854.D
Acq: 07 Aug 2024 21:08

Tgt Ion:165 Resp: 11740
Ion Ratio Lower Upper
165 100
63 1.7 46.3 69.5#
89 2.5 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: BF138854.D

Acq: 07 Aug 2024 21:08

Instrument :

BNA_F

ClientSampleId :

925-K1-WP0-0-0.25-073124

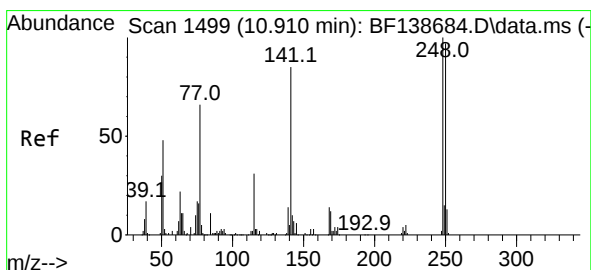
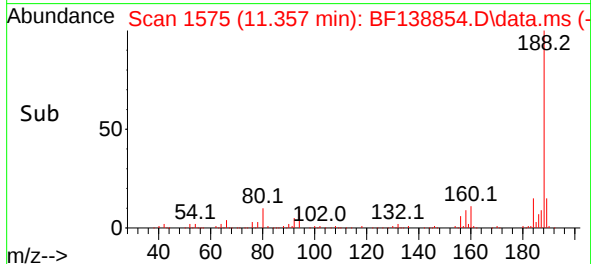
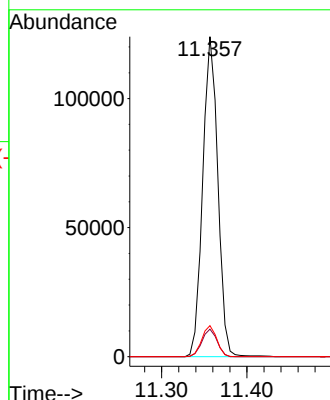
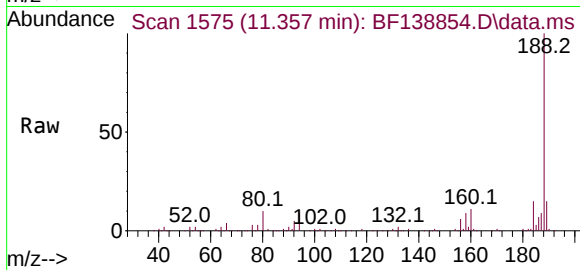
Tgt Ion:188 Resp: 152505

Ion Ratio Lower Upper

188 100

94 8.6 7.6 11.4

80 9.7 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 4.838 ng

RT: 10.663 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF138854.D

Acq: 07 Aug 2024 21:08

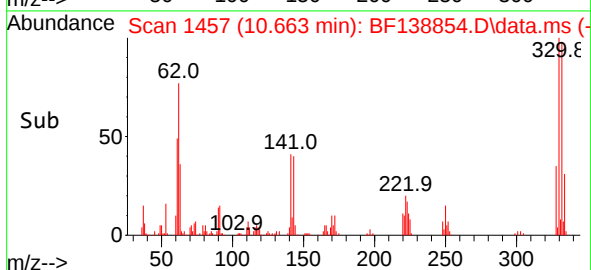
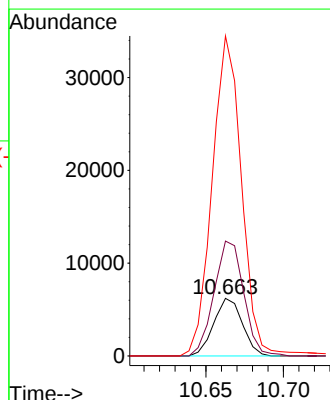
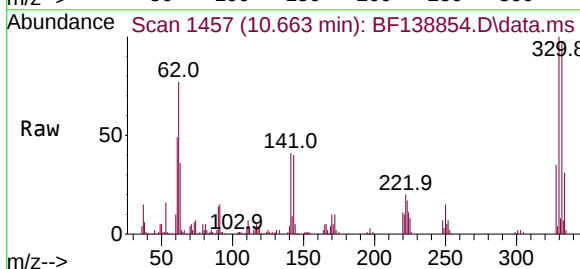
Tgt Ion:248 Resp: 7988

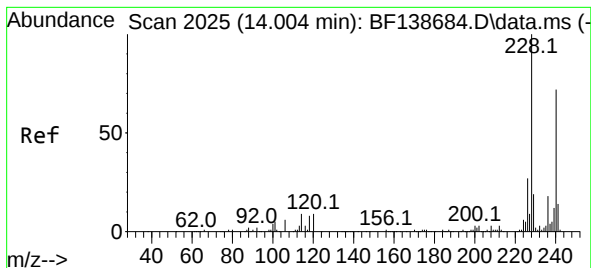
Ion Ratio Lower Upper

248 100

250 199.4 77.7 116.5#

141 555.6 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: BF138854.D

Acq: 07 Aug 2024 21:08

Instrument :

BNA_F

ClientSampleId :

925-K1-WP0-0-0.25-073124

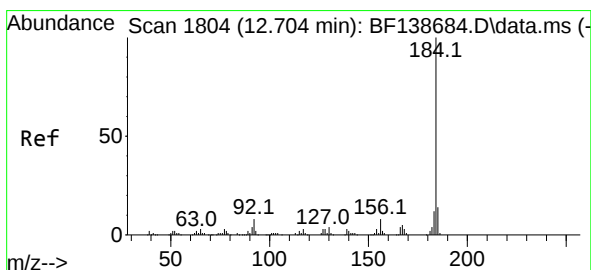
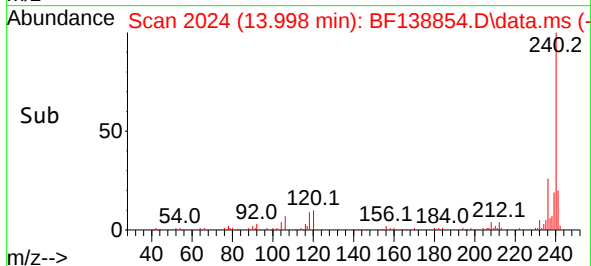
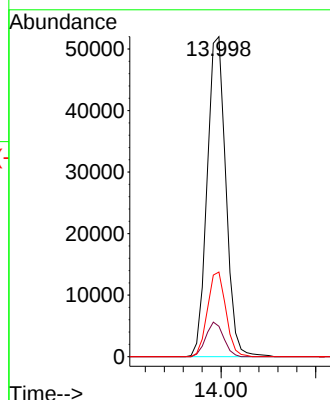
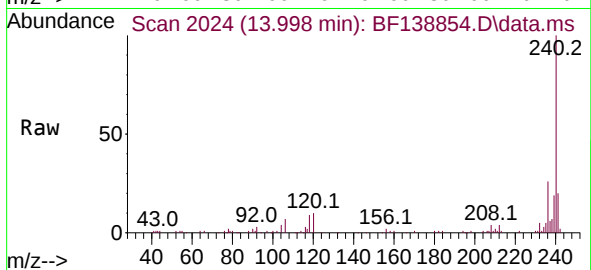
Tgt Ion:240 Resp: 71246

Ion Ratio Lower Upper

240 100

120 9.5 10.2 15.4#

236 26.4 19.8 29.8



#77

Benzidine

Concen: 3.613 ng

RT: 12.939 min Scan# 1844

Delta R.T. 0.235 min

Lab File: BF138854.D

Acq: 07 Aug 2024 21:08

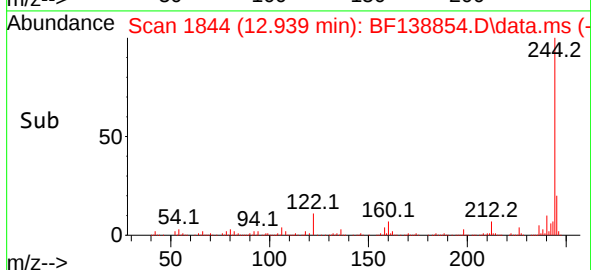
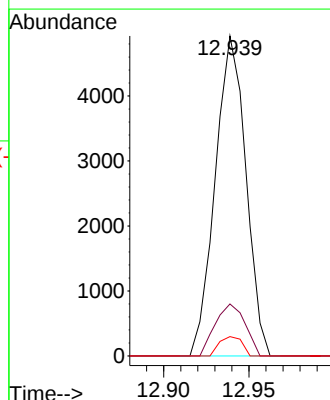
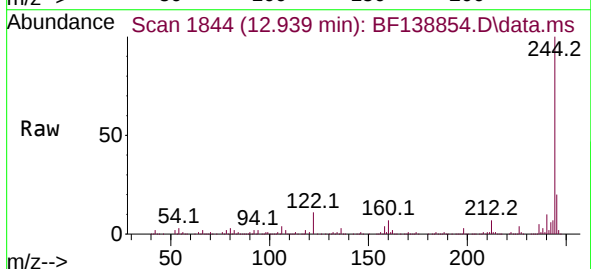
Tgt Ion:184 Resp: 6157

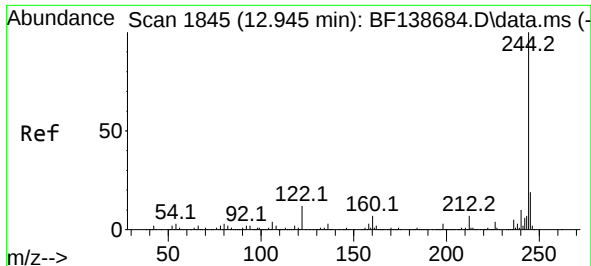
Ion Ratio Lower Upper

184 100

185 16.2 11.1 16.7

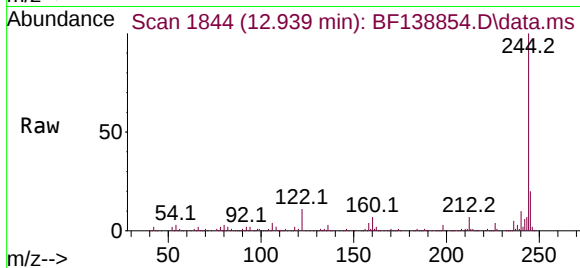
183 6.0 9.6 14.4#



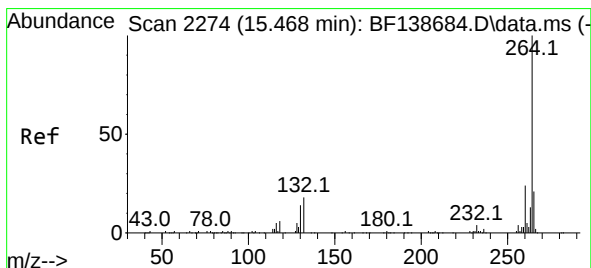
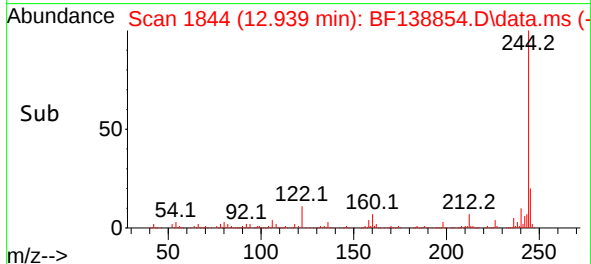
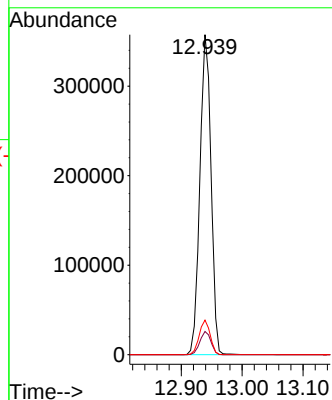


#79
Terphenyl-d14
Concen: 106.478 ng
RT: 12.939 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BF138854.D
Acq: 07 Aug 2024 21:08

Instrument :
BNA_F
ClientSampleId :
925-K1-WP0-0-0.25-073124



Tgt Ion:244 Resp: 453101
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.2
122 10.8 9.6 14.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.456 min Scan# 2272
Delta R.T. -0.012 min
Lab File: BF138854.D
Acq: 07 Aug 2024 21:08

Tgt Ion:264 Resp: 77648
Ion Ratio Lower Upper
264 100
260 23.8 19.0 28.6
265 21.2 17.0 25.6

