

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080724\
 Data File : BF138849.D
 Acq On : 07 Aug 2024 18:36
 Operator : RC/JU
 Sample : P3429-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 925-K1-WS-073124

Quant Time: Aug 08 01:20:03 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)

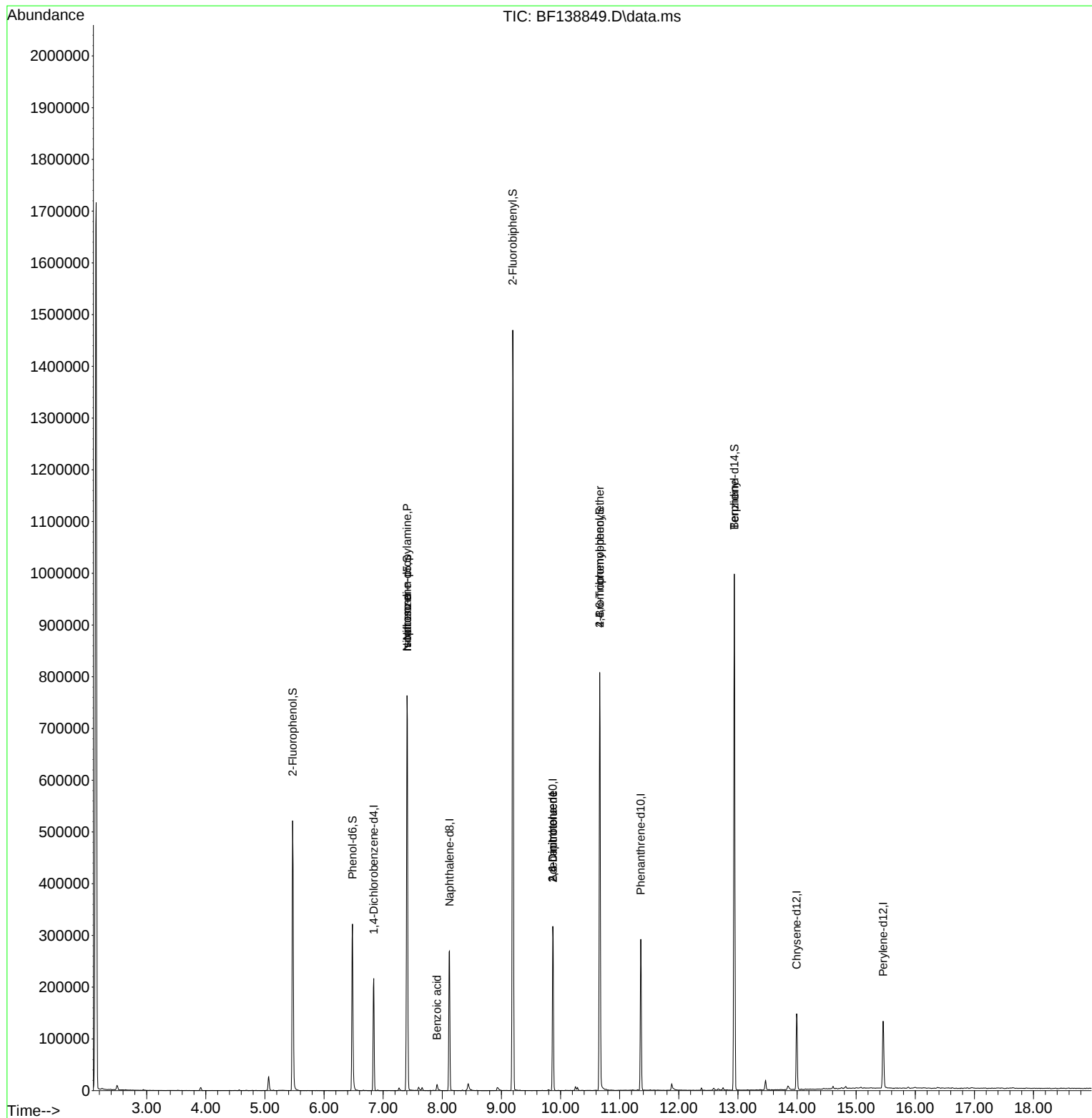
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	41178	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	167219	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	91023	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	146465	20.000	ng	-0.01
76) Chrysene-d12	13.992	240	69873	20.000	ng	-0.01
86) Perylene-d12	15.457	264	75535	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	171951	64.460	ng	0.00
7) Phenol-d6	6.481	99	136623	38.147	ng	0.00
23) Nitrobenzene-d5	7.404	82	341042	99.714	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	120735	161.930	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	634292	104.701	ng	-0.01
79) Terphenyl-d14	12.939	244	463000	110.942	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	47231	21.834	ng	# 80
25) Isophorone	7.404	82	338768	58.007	ng	# 66
32) Benzoic acid	7.910	122	2961	2.103	ng	# 39
51) 2,6-Dinitrotoluene	9.869	165	11557	8.799	ng	# 21
57) 2,4-Dinitrotoluene	9.869	165	11557	6.896	ng	# 17
67) 4-Bromophenyl-phenylether	10.663	248	8545	5.389	ng	# 1
77) Benzidine	12.939	184	6356	3.803	ng	# 91

(#) = 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
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

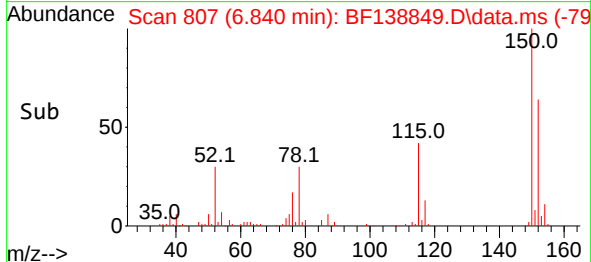
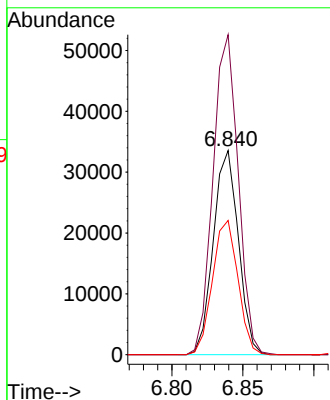
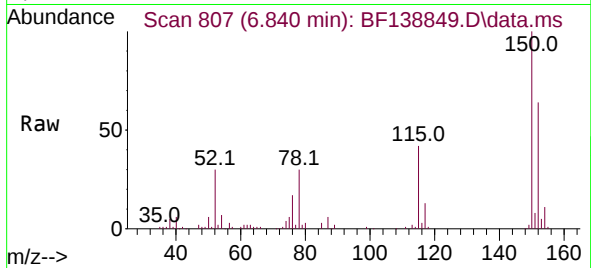




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138849.D
Acq: 07 Aug 2024 18:36

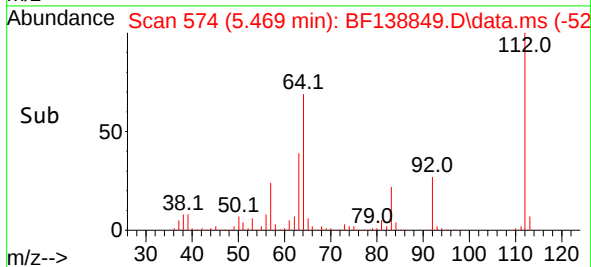
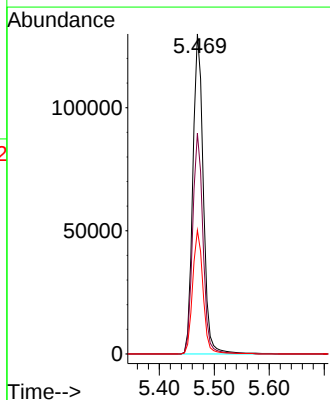
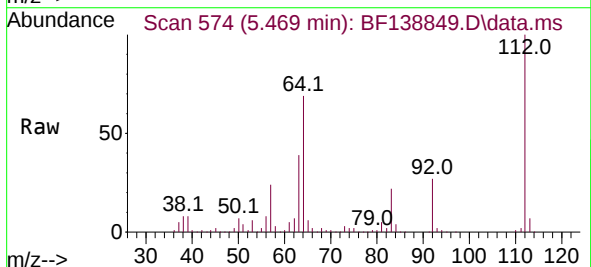
Instrument :
BNA_F
ClientSampleId :
925-K1-WS-073124

Tgt Ion:152 Resp: 41178
Ion Ratio Lower Upper
152 100
150 156.7 126.0 189.0
115 65.7 51.7 77.5



#5
2-Fluorophenol
Concen: 64.460 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138849.D
Acq: 07 Aug 2024 18:36

Tgt Ion:112 Resp: 171951
Ion Ratio Lower Upper
112 100
64 69.0 54.2 81.4
63 38.7 28.7 43.1





#7

Phenol-d6

Concen: 38.147 ng

RT: 6.481 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF138849.D

Acq: 07 Aug 2024 18:36

Instrument :

BNA_F

ClientSampleId :

925-K1-WS-073124

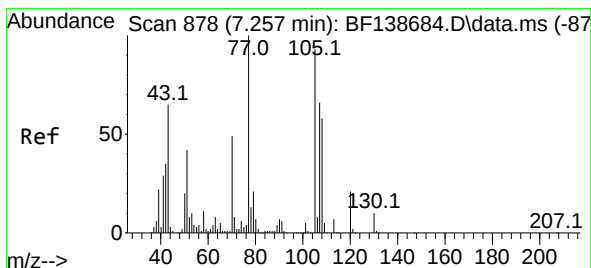
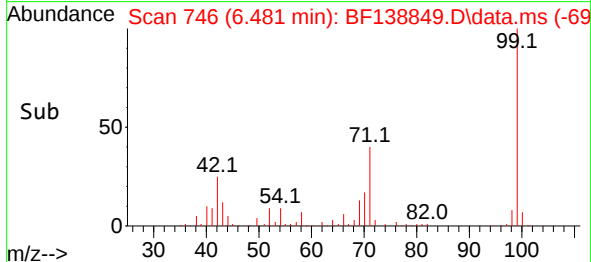
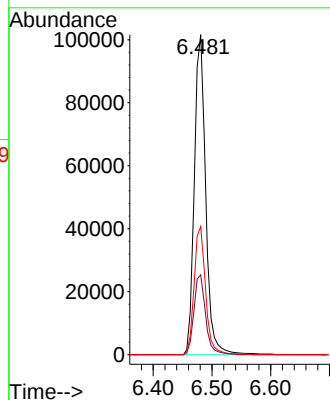
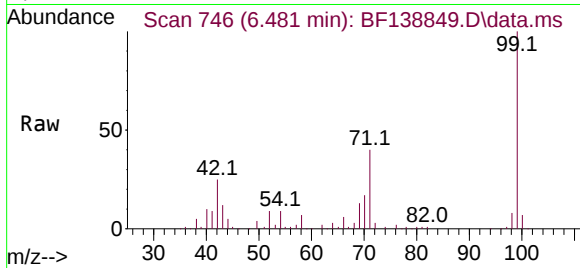
Tgt Ion: 99 Resp: 136623

Ion Ratio Lower Upper

99 100

42 25.0 17.4 26.0

71 40.0 28.1 42.1



#19

n-Nitroso-di-n-propylamine

Concen: 21.834 ng

RT: 7.404 min Scan# 903

Delta R.T. 0.147 min

Lab File: BF138849.D

Acq: 07 Aug 2024 18:36

Tgt Ion: 70 Resp: 47231

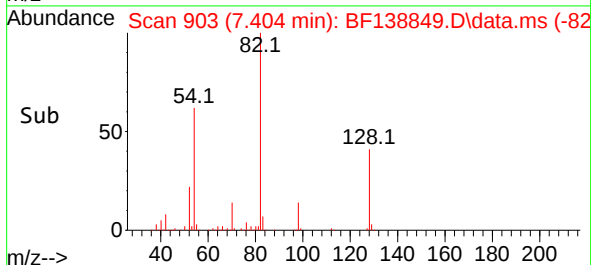
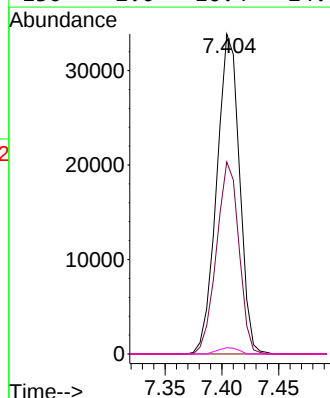
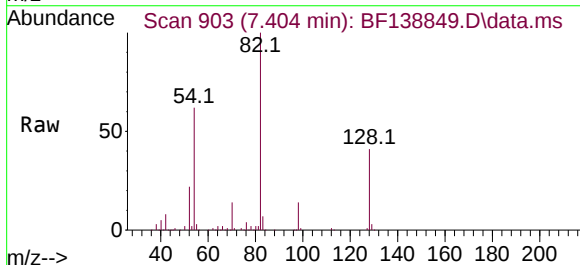
Ion Ratio Lower Upper

70 100

42 60.0 57.4 86.0

101 0.0 7.5 11.3#

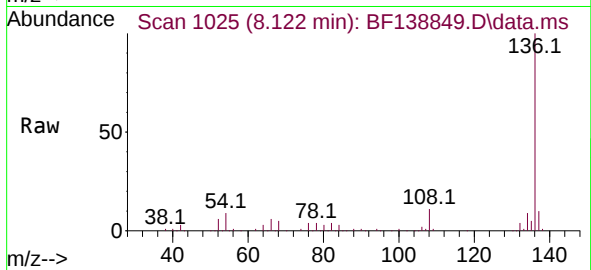
130 2.0 16.4 24.6#



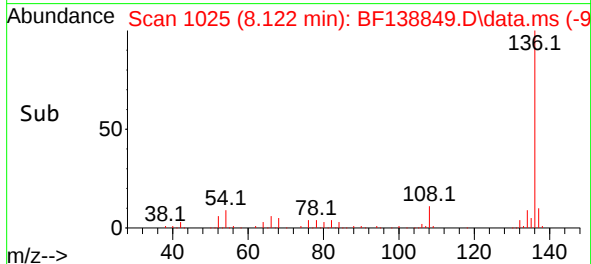
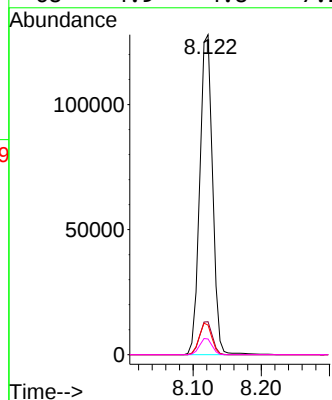


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF138849.D
Acq: 07 Aug 2024 18:36

Instrument :
BNA_F
ClientSampleId :
925-K1-WS-073124

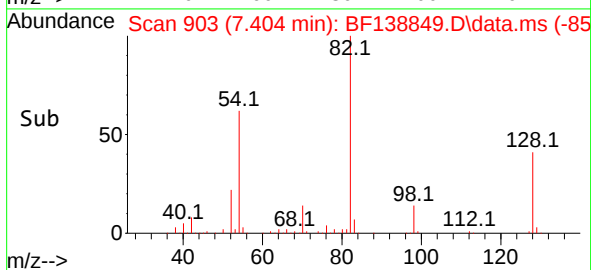
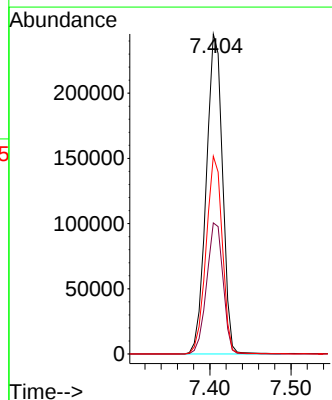
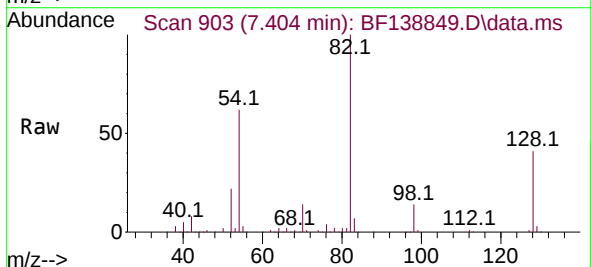


Tgt Ion:136 Resp: 167219
Ion Ratio Lower Upper
136 100
137 10.3 8.9 13.3
54 9.3 8.6 12.8
68 4.9 4.8 7.2



#23
Nitrobenzene-d5
Concen: 99.714 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138849.D
Acq: 07 Aug 2024 18:36

Tgt Ion: 82 Resp: 341042
Ion Ratio Lower Upper
82 100
128 41.0 32.8 49.2
54 61.8 48.3 72.5

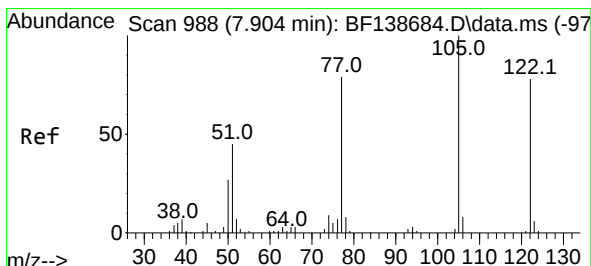
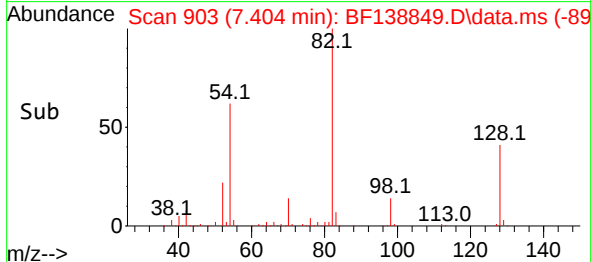
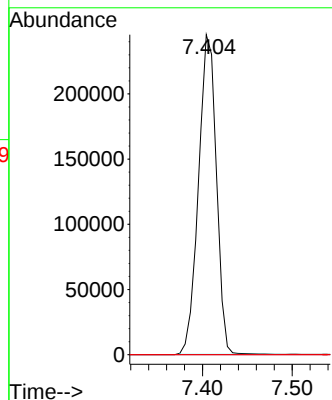
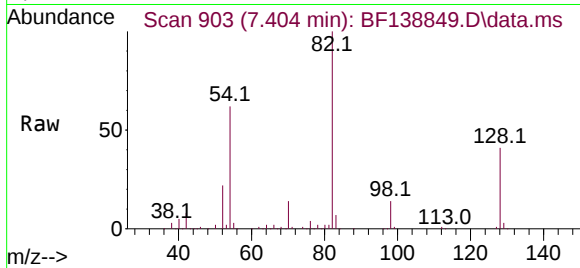




#25
Isophorone
Concen: 58.007 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138849.D
Acq: 07 Aug 2024 18:36

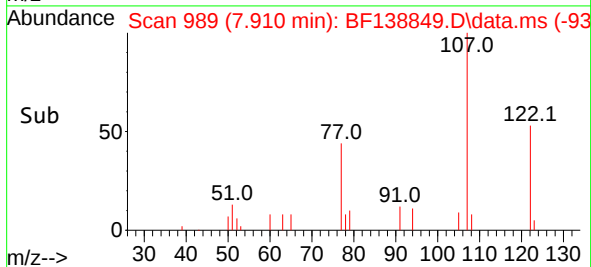
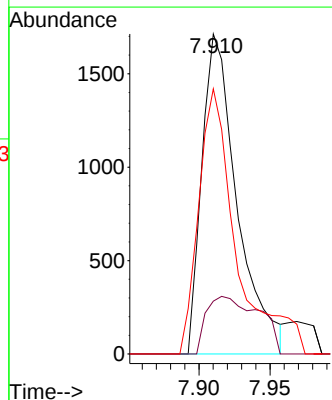
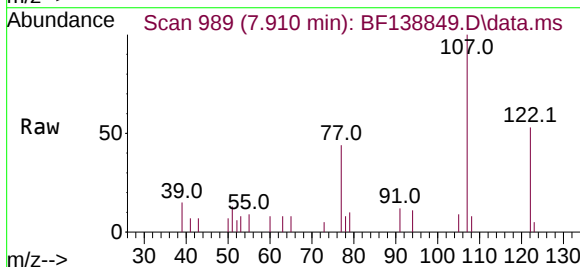
Instrument :
BNA_F
ClientSampleId :
925-K1-WS-073124

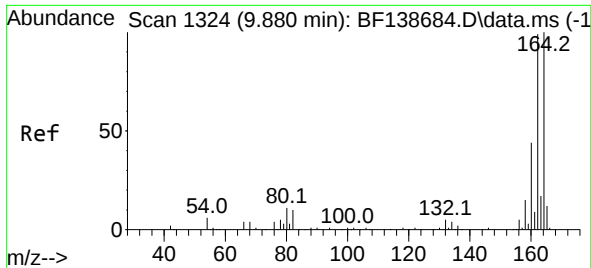
Tgt Ion: 82 Resp: 338768
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#32
Benzoic acid
Concen: 2.103 ng
RT: 7.910 min Scan# 989
Delta R.T. 0.006 min
Lab File: BF138849.D
Acq: 07 Aug 2024 18:36

Tgt Ion:122 Resp: 2961
Ion Ratio Lower Upper
122 100
105 16.5 106.7 146.7#
77 82.8 81.1 121.1

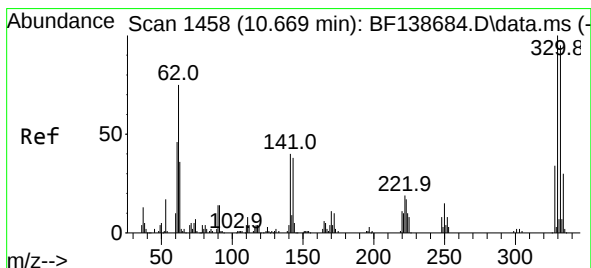
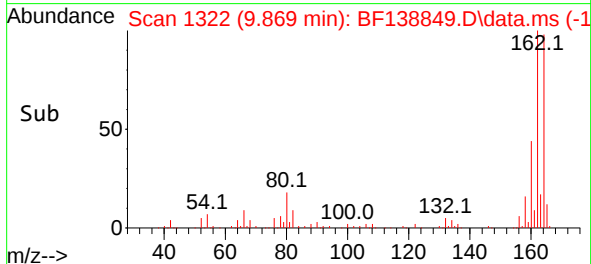
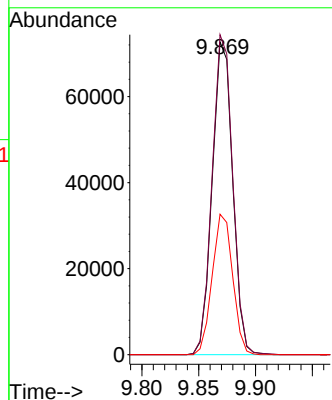
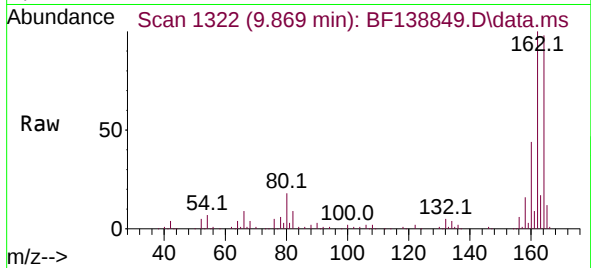




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF138849.D
Acq: 07 Aug 2024 18:36

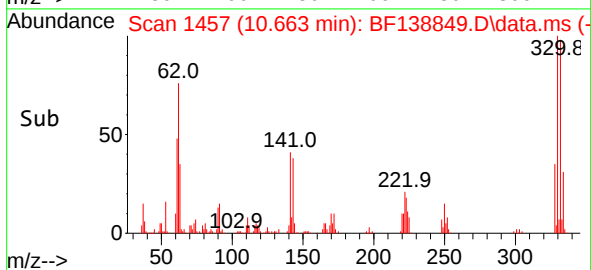
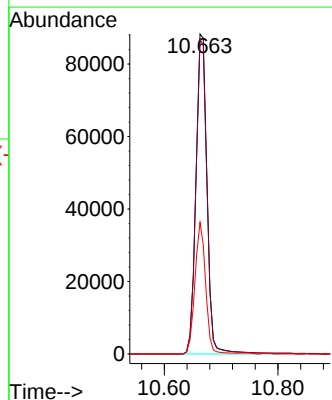
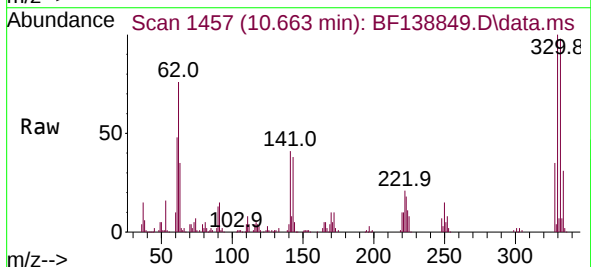
Instrument :
BNA_F
ClientSampleId :
925-K1-WS-073124

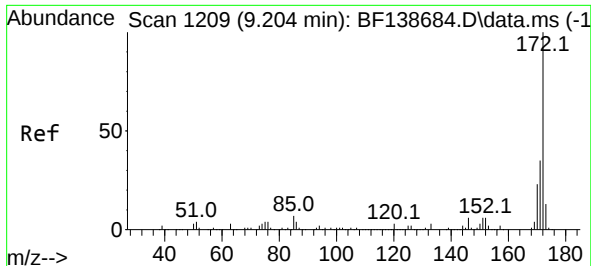
Tgt Ion:164 Resp: 91023
Ion Ratio Lower Upper
164 100
162 102.3 79.4 119.0
160 44.9 35.1 52.7



#42
2,4,6-Tribromophenol
Concen: 161.930 ng
RT: 10.663 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BF138849.D
Acq: 07 Aug 2024 18:36

Tgt Ion:330 Resp: 120735
Ion Ratio Lower Upper
330 100
332 98.2 76.4 114.6
141 39.4 31.1 46.7





#45

2-Fluorobiphenyl

Concen: 104.701 ng

RT: 9.192 min Scan# 1311

Delta R.T. -0.012 min

Lab File: BF138849.D

Acq: 07 Aug 2024 18:36

Instrument :

BNA_F

ClientSampleId :

925-K1-WS-073124

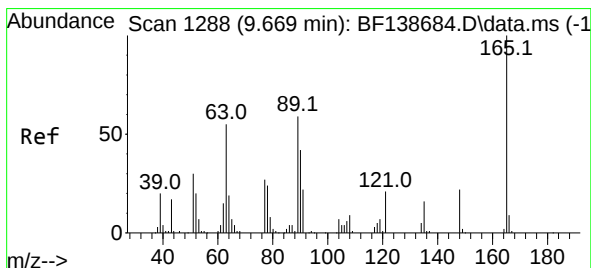
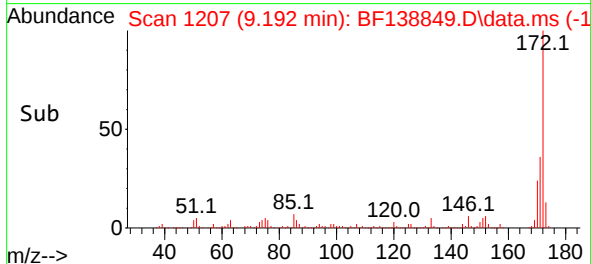
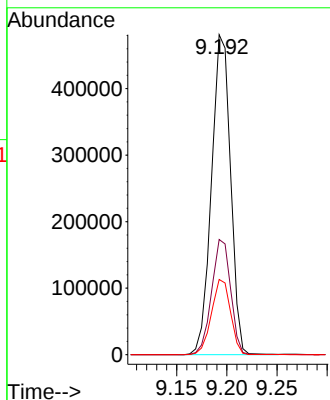
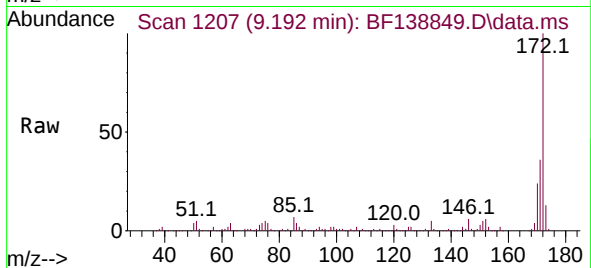
Tgt Ion:172 Resp: 634292

Ion Ratio Lower Upper

172 100

171 36.0 28.3 42.5

170 23.5 18.8 28.2



#51

2,6-Dinitrotoluene

Concen: 8.799 ng

RT: 9.869 min Scan# 1322

Delta R.T. 0.200 min

Lab File: BF138849.D

Acq: 07 Aug 2024 18:36

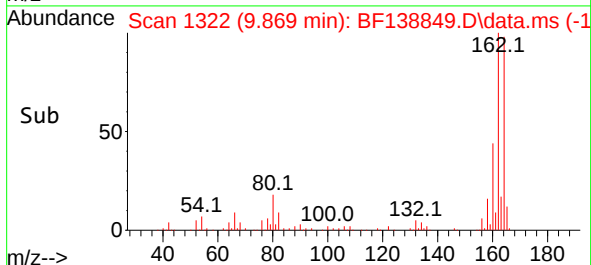
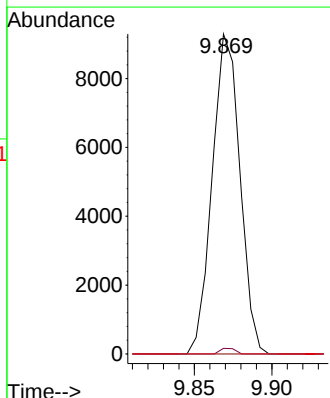
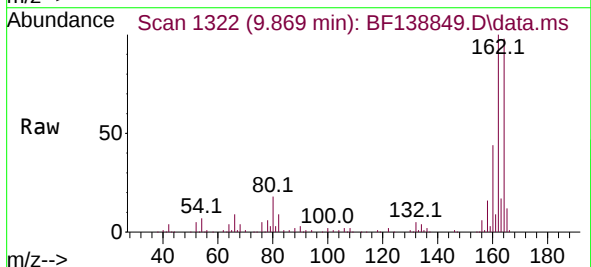
Tgt Ion:165 Resp: 11557

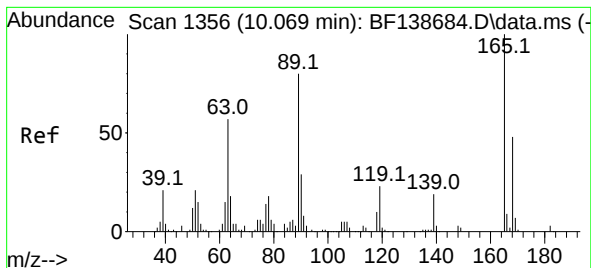
Ion Ratio Lower Upper

165 100

63 1.7 52.0 78.0#

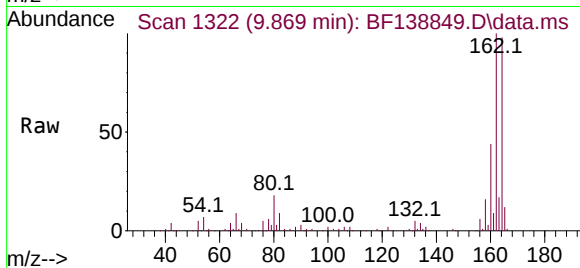
89 0.0 47.0 70.6#



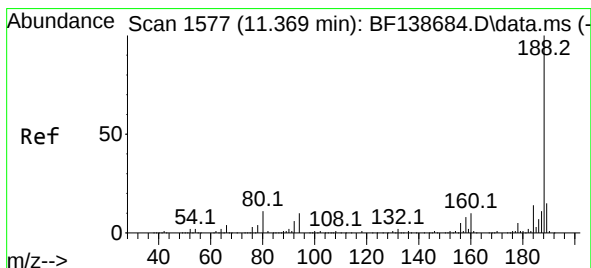
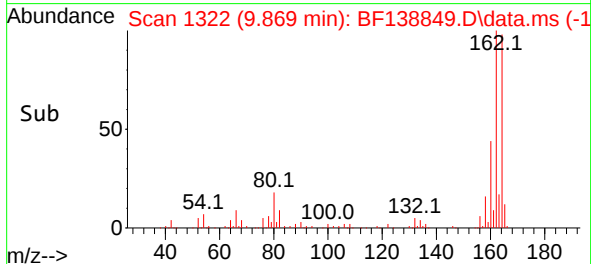
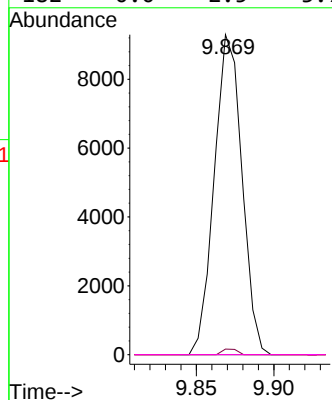


#57
2,4-Dinitrotoluene
Concen: 6.896 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF138849.D
Acq: 07 Aug 2024 18:36

Instrument :
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925-K1-WS-073124

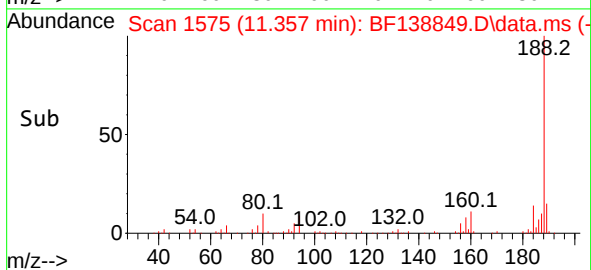
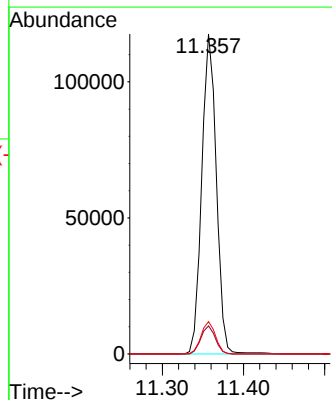
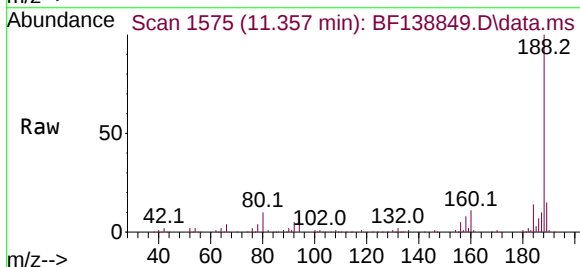


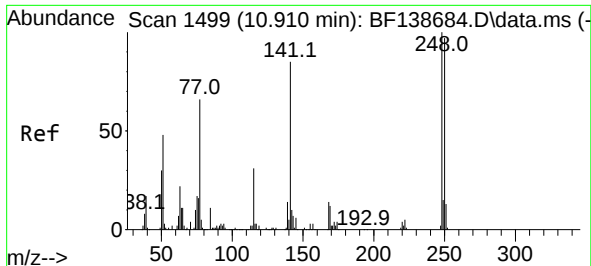
Tgt Ion:165	Resp:	11557
Ion	Ratio	Lower Upper
165	100	
63	1.7	46.3 69.5#
89	0.0	64.2 96.4#
182	0.0	2.5 3.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BF138849.D
Acq: 07 Aug 2024 18:36

Tgt Ion:188	Resp:	146465
Ion	Ratio	Lower Upper
188	100	
94	8.8	7.6 11.4
80	10.1	8.6 12.8

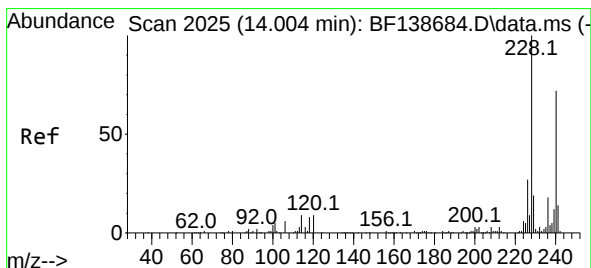
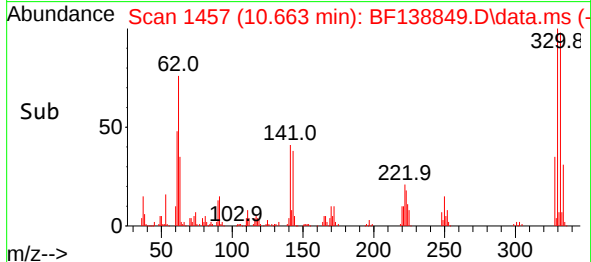
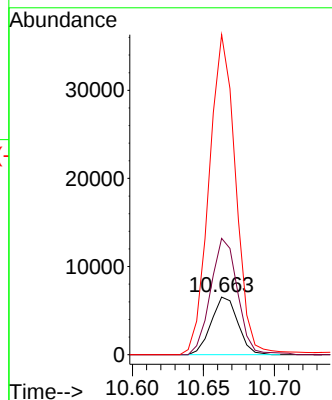
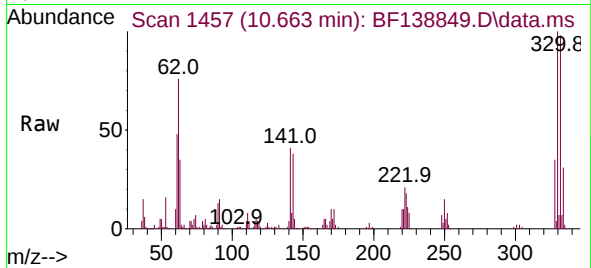




#67
4-Bromophenyl-phenylether
Concen: 5.389 ng
RT: 10.663 min Scan# 1499
Delta R.T. -0.247 min
Lab File: BF138849.D
Acq: 07 Aug 2024 18:36

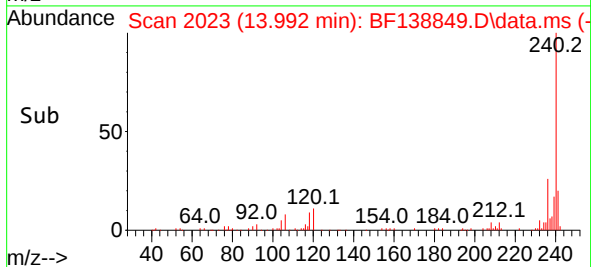
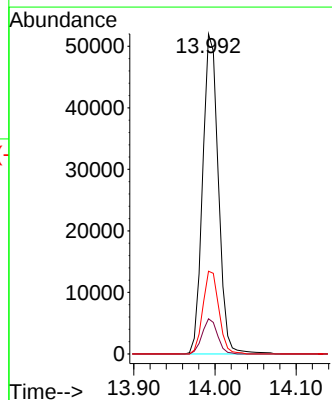
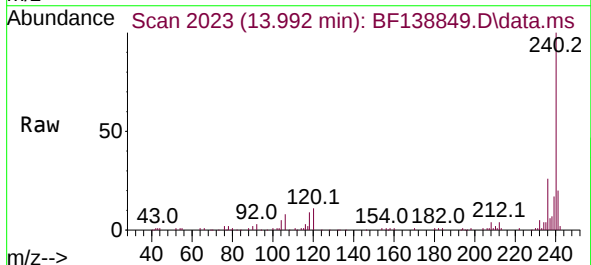
Instrument :
BNA_F
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925-K1-WS-073124

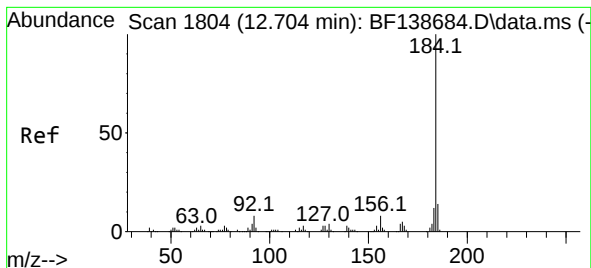
Tgt Ion:248 Resp: 8545
Ion Ratio Lower Upper
248 100
250 201.7 77.7 116.5#
141 554.8 68.0 102.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2023
Delta R.T. -0.012 min
Lab File: BF138849.D
Acq: 07 Aug 2024 18:36

Tgt Ion:240 Resp: 69873
Ion Ratio Lower Upper
240 100
120 11.0 10.2 15.4
236 25.8 19.8 29.8





#77

Benzidine

Concen: 3.803 ng

RT: 12.939 min Scan# 1844

Delta R.T. 0.235 min

Lab File: BF138849.D

Acq: 07 Aug 2024 18:36

Instrument :

BNA_F

ClientSampleId :

925-K1-WS-073124

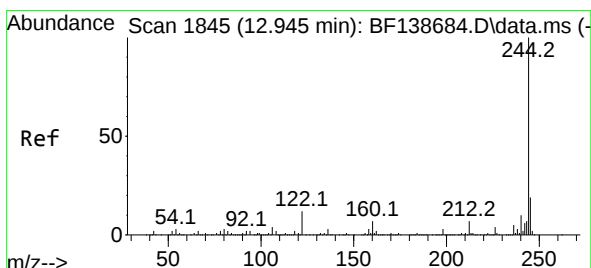
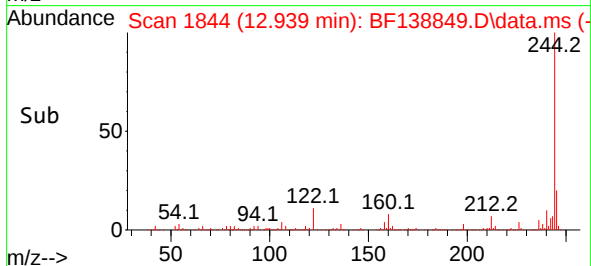
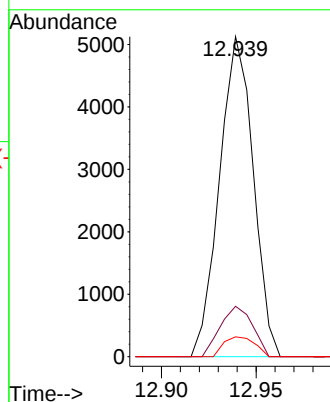
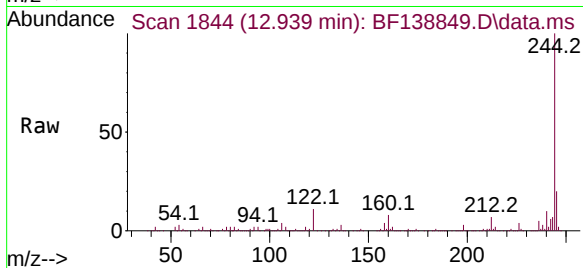
Tgt Ion:184 Resp: 6356

Ion Ratio Lower Upper

184 100

185 15.7 11.1 16.7

183 6.2 9.6 14.4#



#79

Terphenyl-d14

Concen: 110.942 ng

RT: 12.939 min Scan# 1844

Delta R.T. -0.006 min

Lab File: BF138849.D

Acq: 07 Aug 2024 18:36

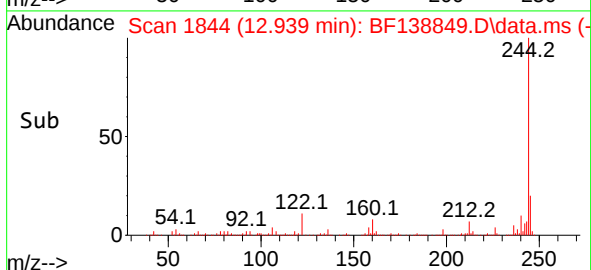
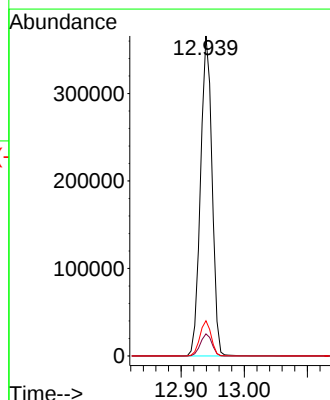
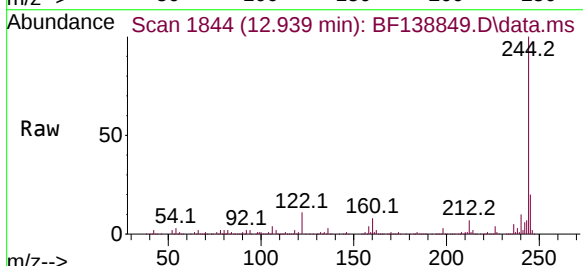
Tgt Ion:244 Resp: 463000

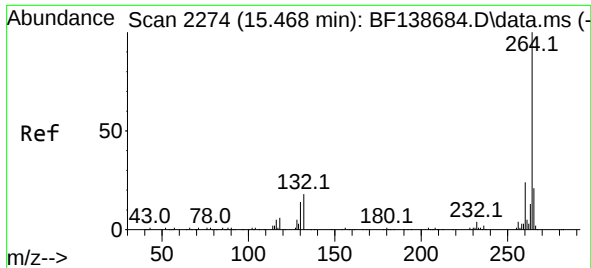
Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

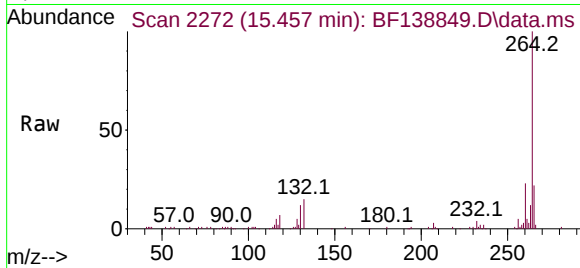
122 11.0 9.6 14.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF138849.D
 Acq: 07 Aug 2024 18:36

Instrument :
 BNA_F
 ClientSampleId :
 925-K1-WS-073124



Tgt Ion:264 Resp: 75535
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.0 28.6
 265 21.6 17.0 25.6

