

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081324\
 Data File : BF138974.D
 Acq On : 13 Aug 2024 14:48
 Operator : RC/JU
 Sample : P3520-17
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-57S-01-080624

Quant Time: Aug 13 15:10:47 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)

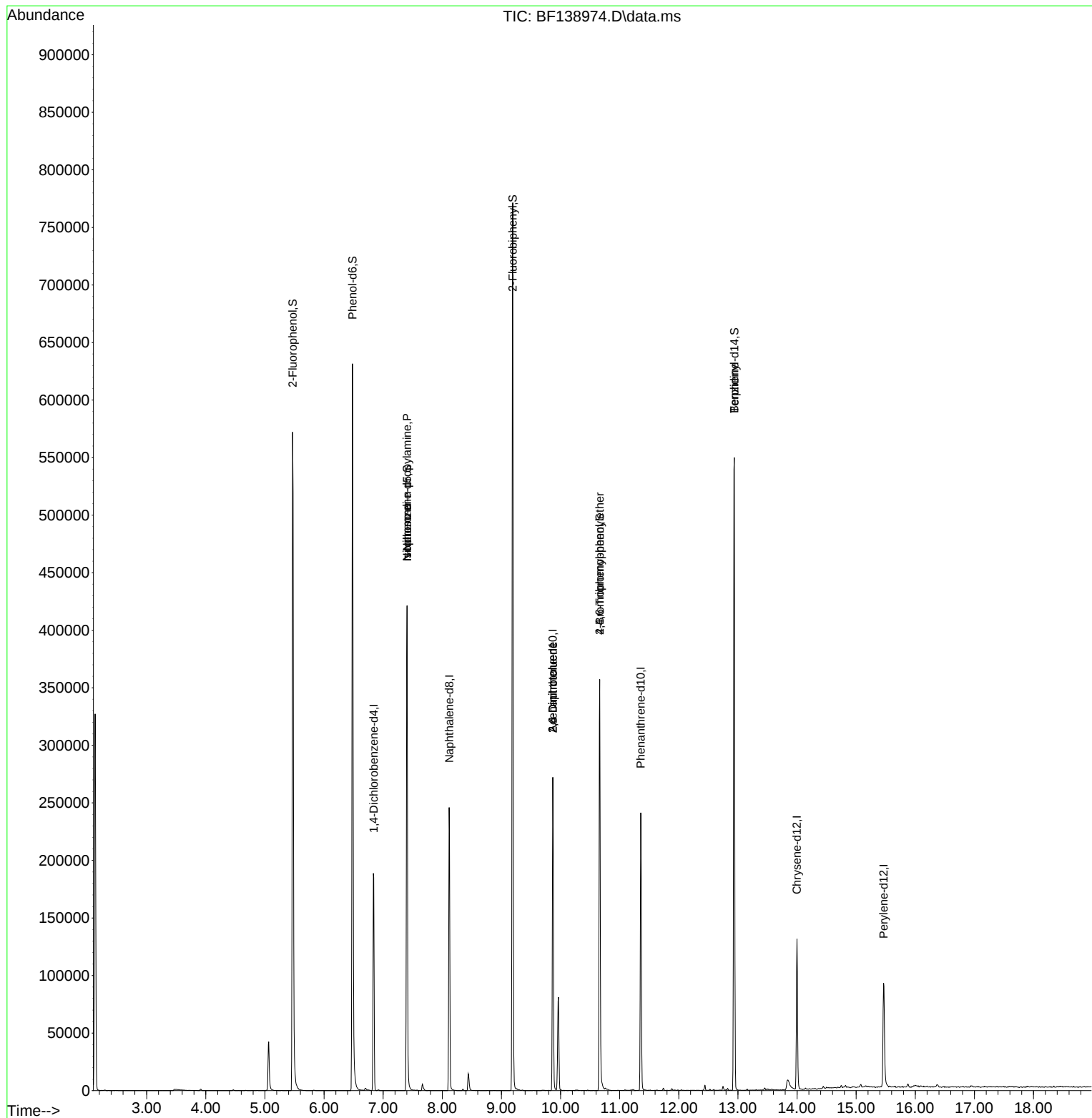
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	36727	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	148191	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	80018	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	124918	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	64213	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	61942	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	196008	82.383	ng	0.00
7) Phenol-d6	6.481	99	265628	83.155	ng	0.00
23) Nitrobenzene-d5	7.404	82	174292	57.503	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	52387	79.925	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	323232	60.693	ng	-0.01
79) Terphenyl-d14	12.939	244	265223	69.153	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	25064	12.991	ng	# 79
25) Isophorone	7.404	82	174291	33.675	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	10209	8.841	ng	# 19
57) 2,4-Dinitrotoluene	9.869	165	10209	6.930	ng	# 16
67) 4-Bromophenyl-phenylether	10.663	248	3922	2.900	ng	# 1
77) Benzidine	12.939	184	4036	2.628	ng	# 90

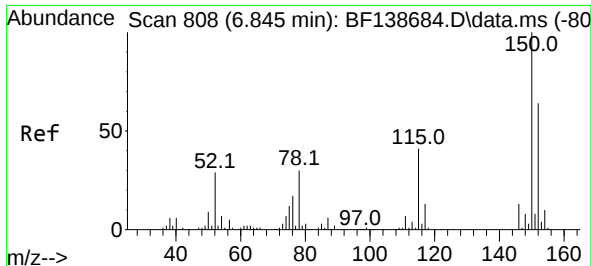
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

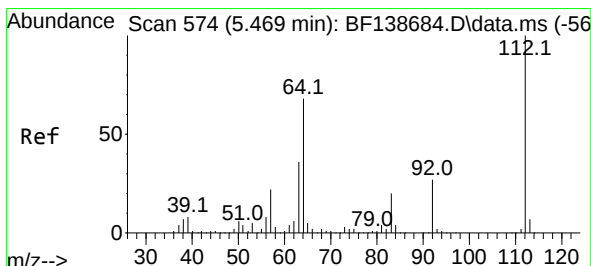
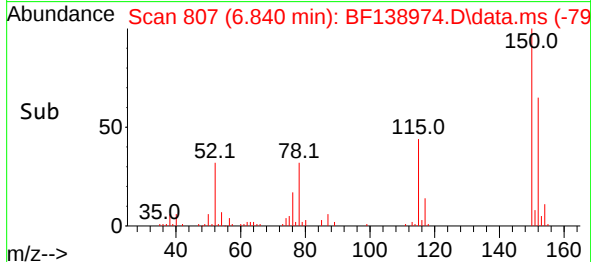
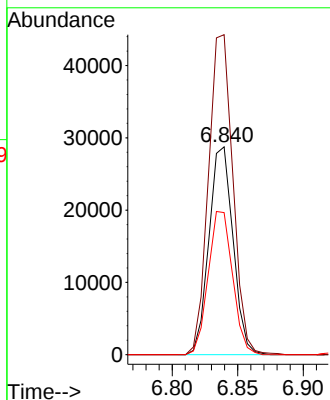
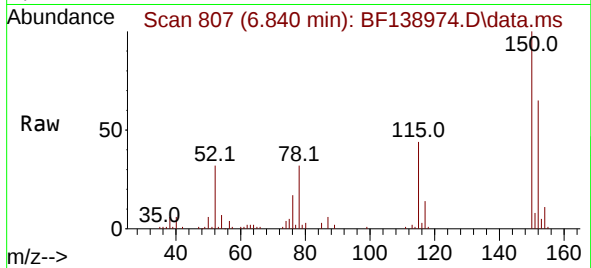




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF138974.D
Acq: 13 Aug 2024 14:48

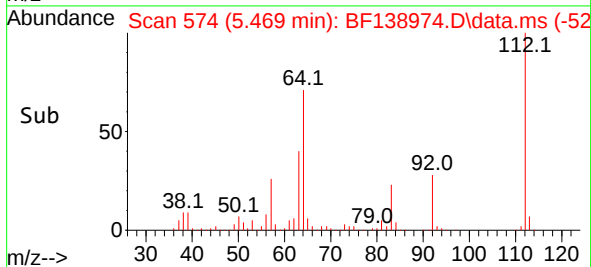
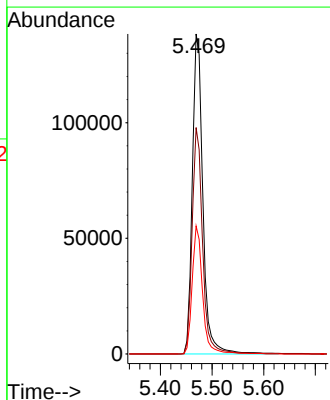
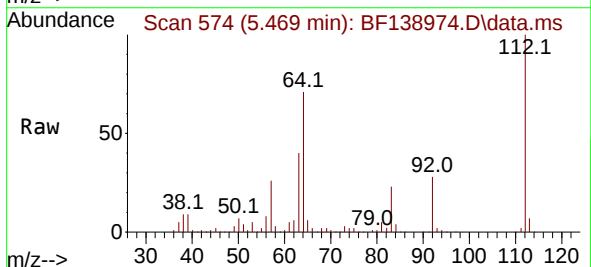
Instrument :
BNA_F
ClientSampleId :
OU4-57S-01-080624

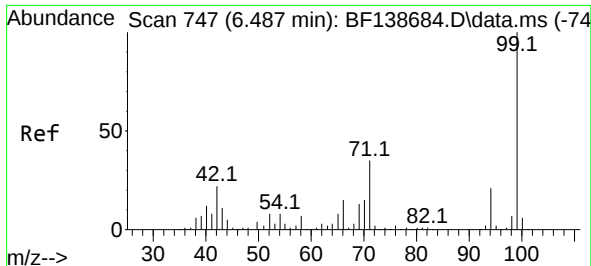
Tgt Ion:152 Resp: 36727
Ion Ratio Lower Upper
152 100
150 153.9 126.0 189.0
115 68.4 51.7 77.5



#5
2-Fluorophenol
Concen: 82.383 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138974.D
Acq: 13 Aug 2024 14:48

Tgt Ion:112 Resp: 196008
Ion Ratio Lower Upper
112 100
64 70.8 54.2 81.4
63 40.0 28.7 43.1





#7

Phenol-d6

Concen: 83.155 ng

RT: 6.481 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF138974.D

Acq: 13 Aug 2024 14:48

Instrument :

BNA_F

ClientSampleId :

OU4-57S-01-080624

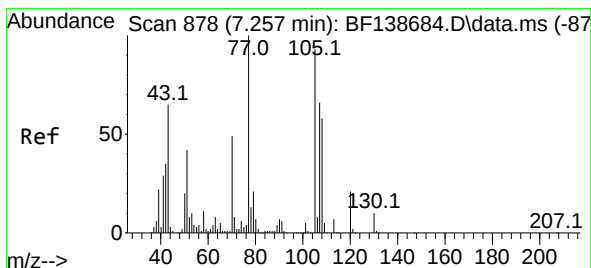
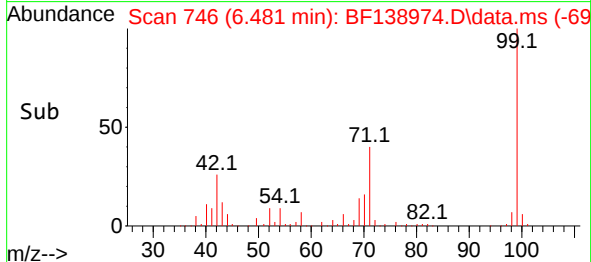
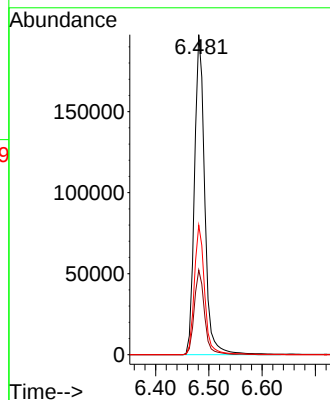
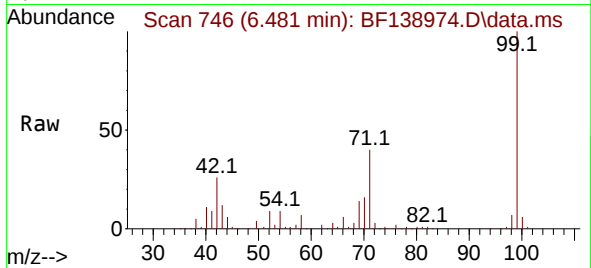
Tgt Ion: 99 Resp: 265628

Ion Ratio Lower Upper

99 100

42 26.5 17.4 26.0#

71 40.4 28.1 42.1



#19

n-Nitroso-di-n-propylamine

Concen: 12.991 ng

RT: 7.404 min Scan# 903

Delta R.T. 0.147 min

Lab File: BF138974.D

Acq: 13 Aug 2024 14:48

Tgt Ion: 70 Resp: 25064

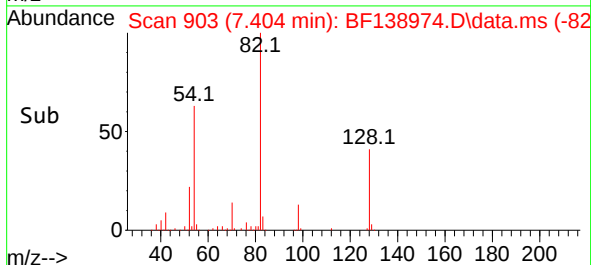
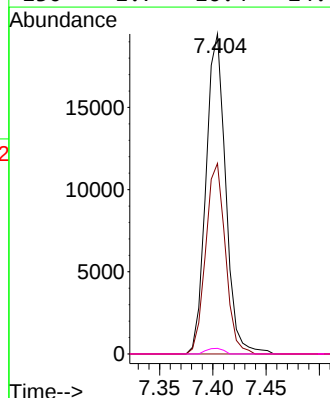
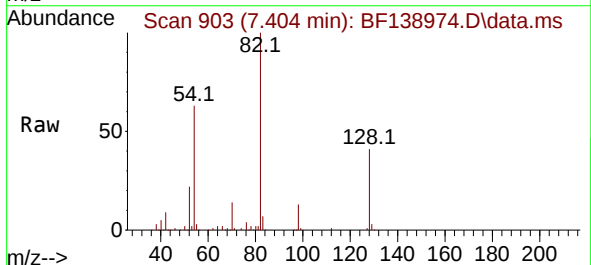
Ion Ratio Lower Upper

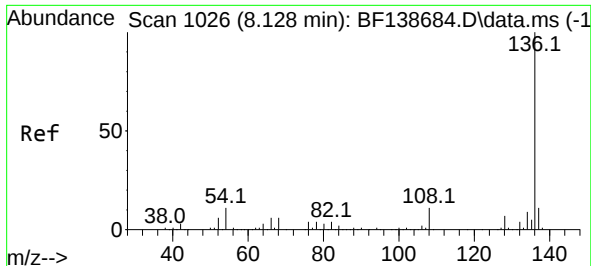
70 100

42 59.6 57.4 86.0

101 0.0 7.5 11.3#

130 1.7 16.4 24.6#

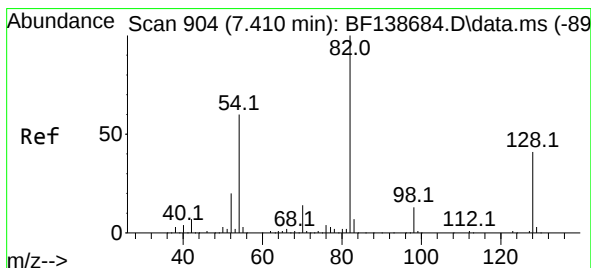
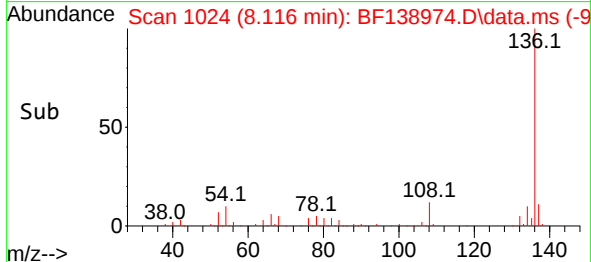
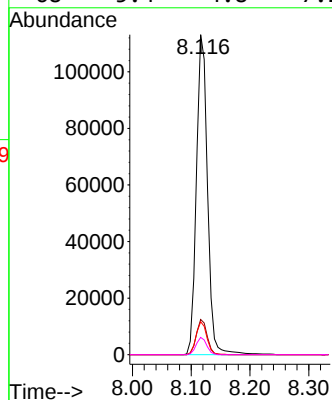
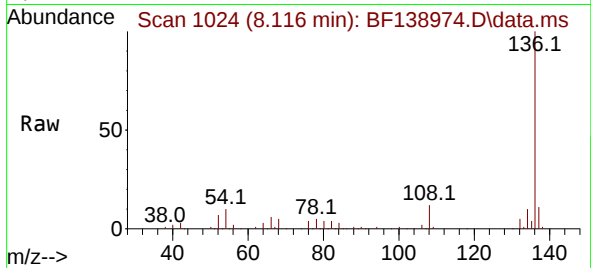




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF138974.D
Acq: 13 Aug 2024 14:48

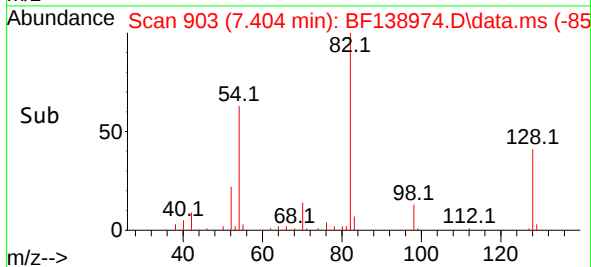
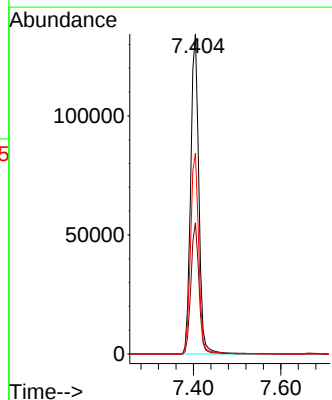
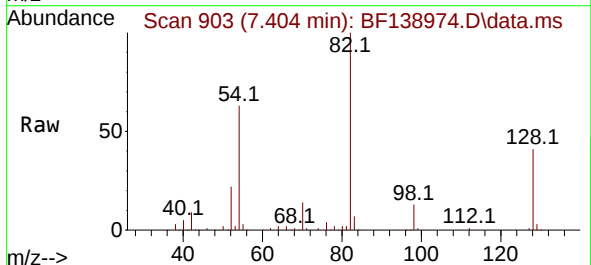
Instrument :
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OU4-57S-01-080624

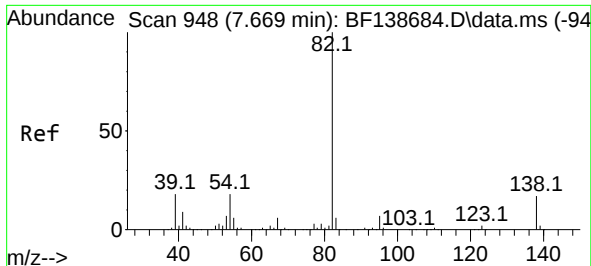
Tgt Ion:	136	Resp:	148191
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	10.3	8.6	12.8
68	5.4	4.8	7.2



#23
Nitrobenzene-d5
Concen: 57.503 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138974.D
Acq: 13 Aug 2024 14:48

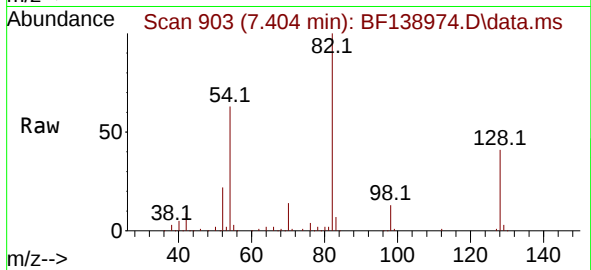
Tgt Ion:	82	Resp:	174292
Ion Ratio	Lower	Upper	
82	100		
128	41.0	32.8	49.2
54	62.8	48.3	72.5



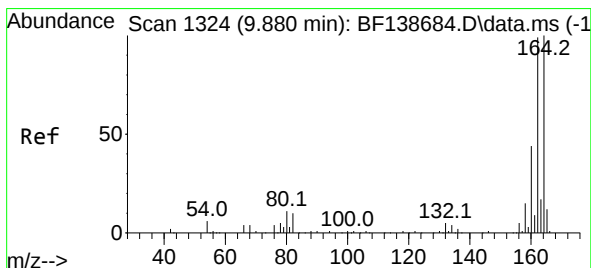
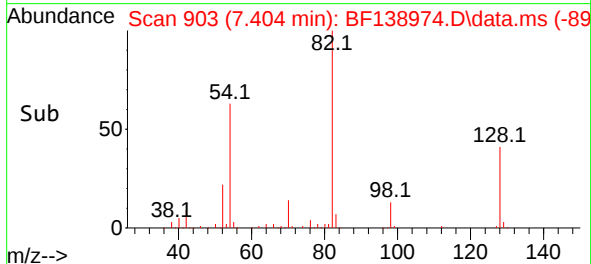
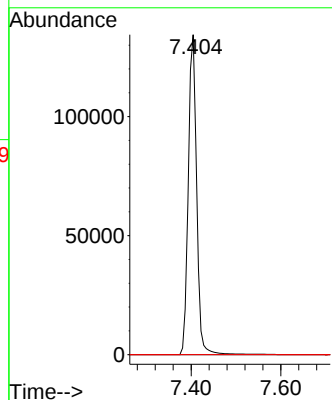


#25
Isophorone
Concen: 33.675 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138974.D
Acq: 13 Aug 2024 14:48

Instrument :
BNA_F
ClientSampleId :
OU4-57S-01-080624

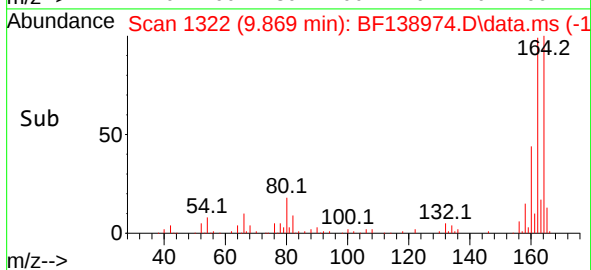
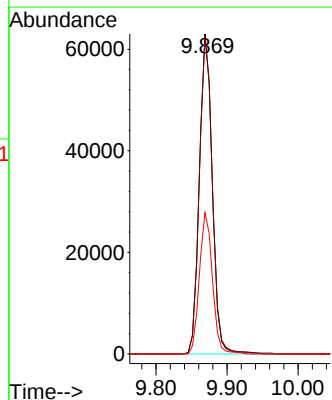
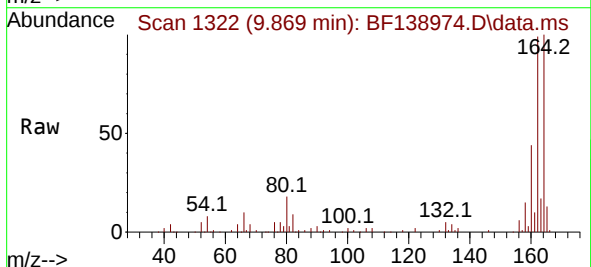


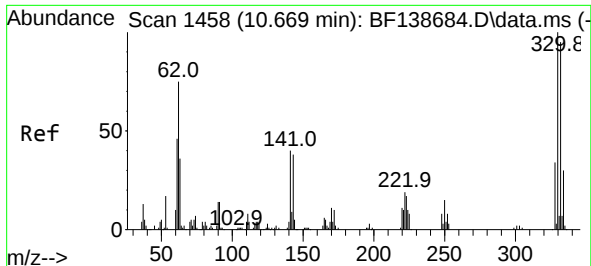
Tgt Ion: 82 Resp: 174291
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF138974.D
Acq: 13 Aug 2024 14:48

Tgt Ion: 164 Resp: 80018
Ion Ratio Lower Upper
164 100
162 99.3 79.4 119.0
160 44.2 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 79.925 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF138974.D

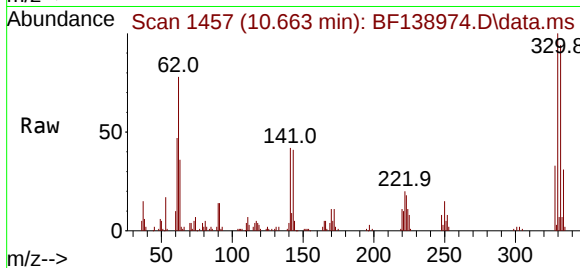
Acq: 13 Aug 2024 14:48

Instrument :

BNA_F

ClientSampleId :

OU4-57S-01-080624



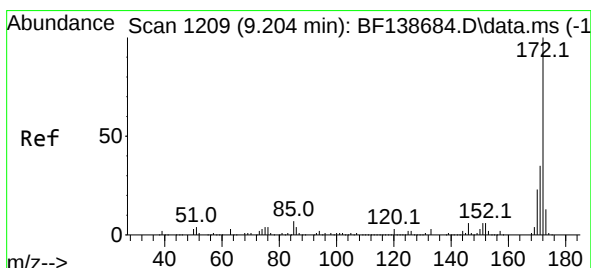
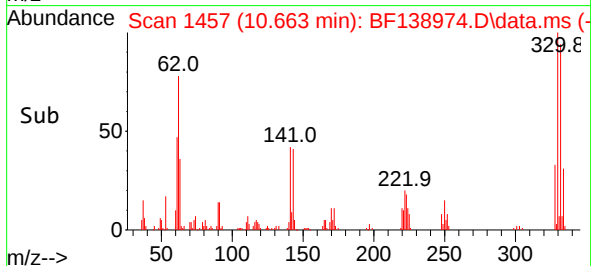
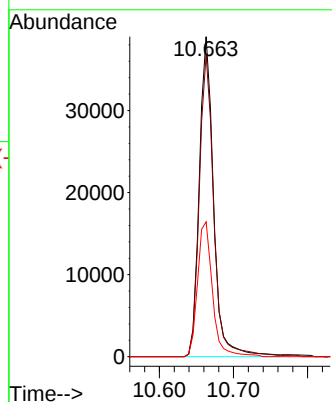
Tgt Ion:330 Resp: 52387

Ion Ratio Lower Upper

330 100

332 95.3 76.4 114.6

141 43.8 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 60.693 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BF138974.D

Acq: 13 Aug 2024 14:48

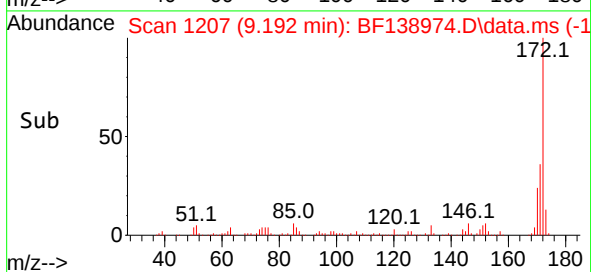
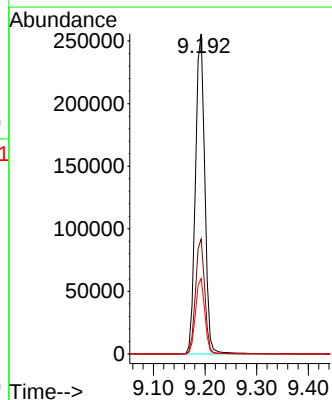
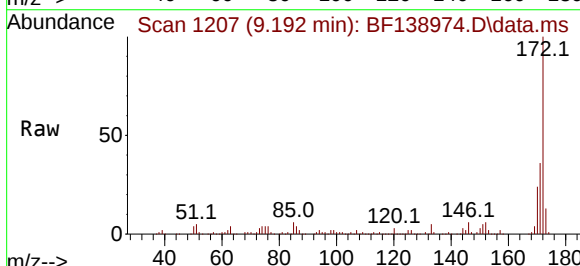
Tgt Ion:172 Resp: 323232

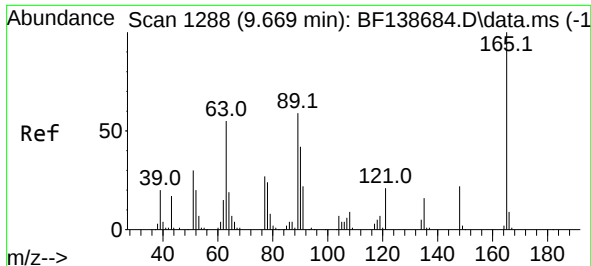
Ion Ratio Lower Upper

172 100

171 35.9 28.3 42.5

170 23.5 18.8 28.2

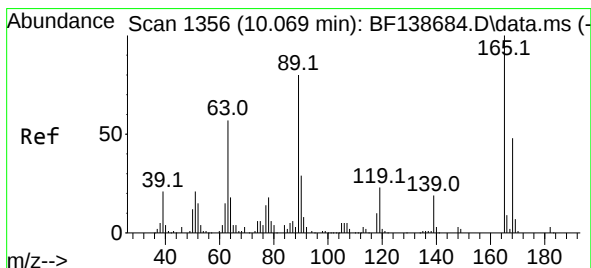
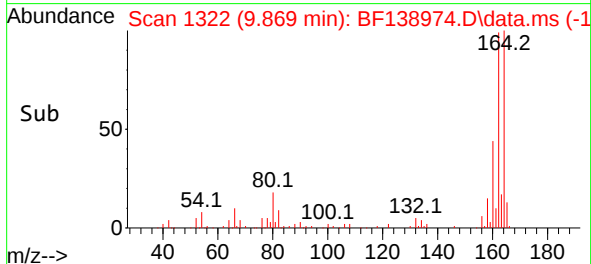
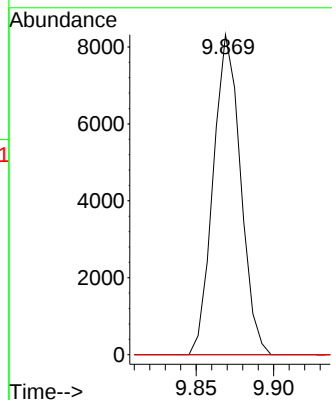
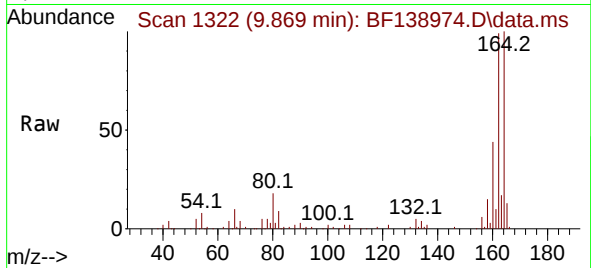




#51
2,6-Dinitrotoluene
Concen: 8.841 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138974.D
Acq: 13 Aug 2024 14:48

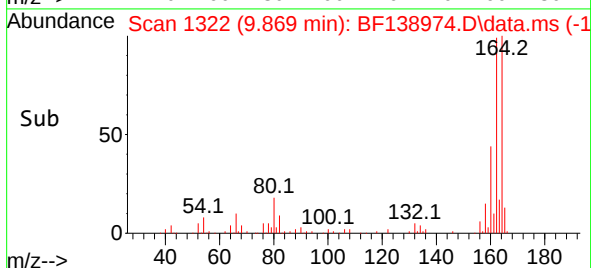
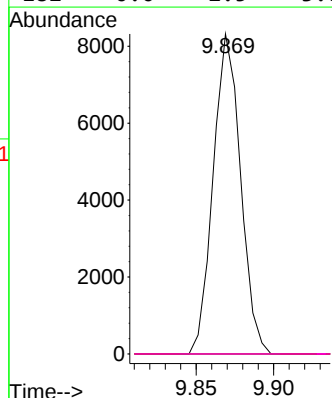
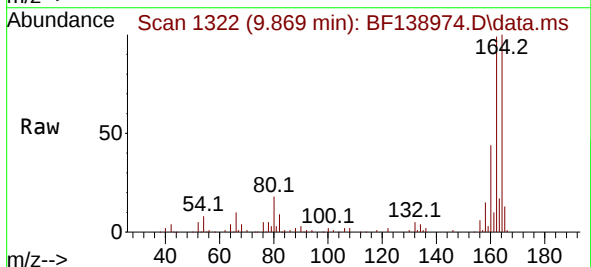
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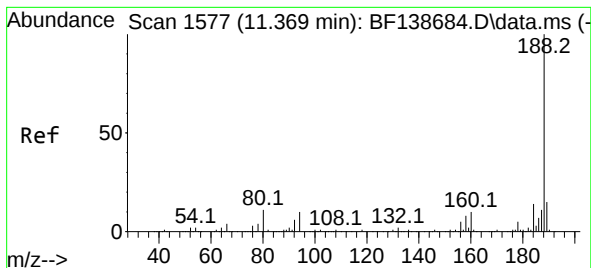
Tgt Ion:165 Resp: 10209
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 0.0 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 6.930 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF138974.D
Acq: 13 Aug 2024 14:48

Tgt Ion:165 Resp: 10209
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# 11

Delta R.T. -0.012 min

Lab File: BF138974.D

Acq: 13 Aug 2024 14:48

Instrument :

BNA_F

ClientSampleId :

OU4-57S-01-080624

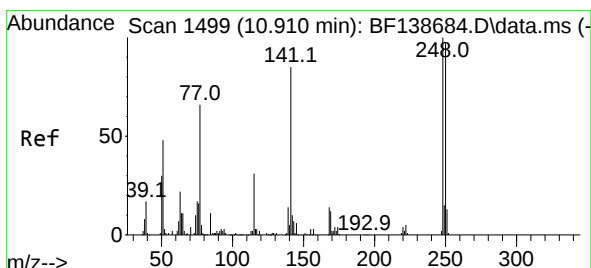
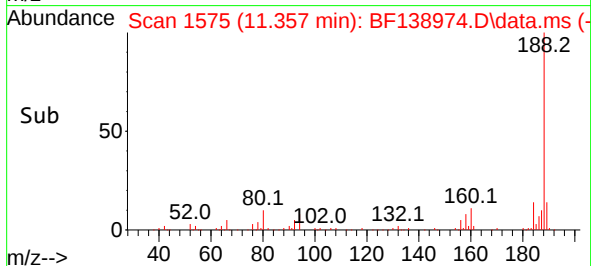
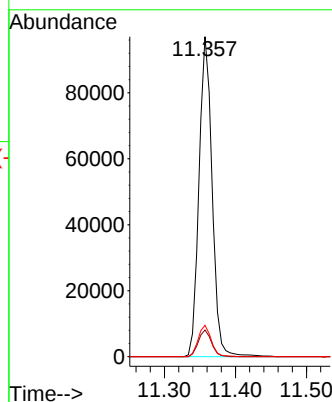
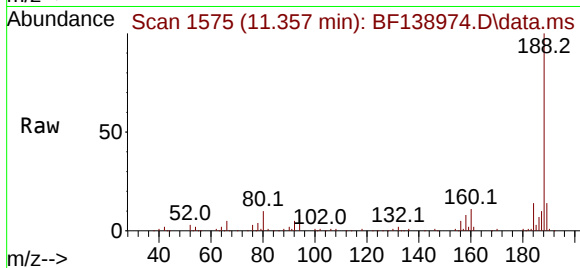
Tgt Ion:188 Resp: 124918

Ion Ratio Lower Upper

188 100

94 8.3 7.6 11.4

80 9.8 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 2.900 ng

RT: 10.663 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF138974.D

Acq: 13 Aug 2024 14:48

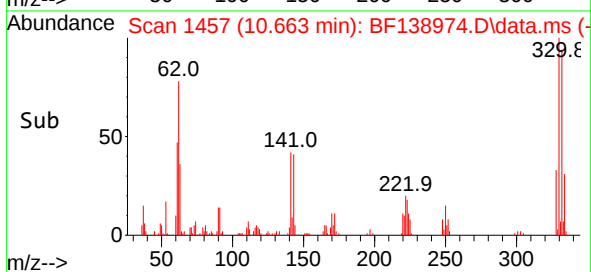
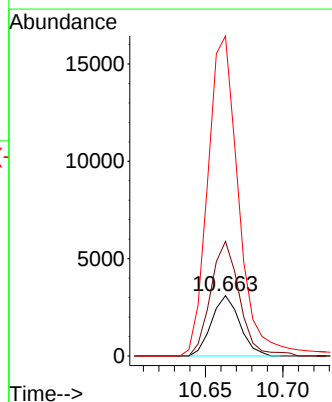
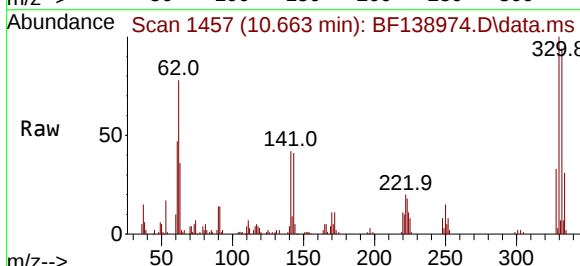
Tgt Ion:248 Resp: 3922

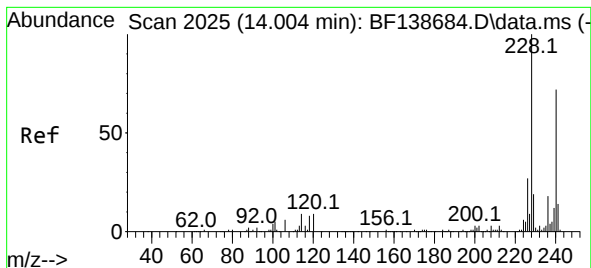
Ion Ratio Lower Upper

248 100

250 189.9 77.7 116.5#

141 530.5 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: BF138974.D

Acq: 13 Aug 2024 14:48

Instrument :

BNA_F

ClientSampleId :

OU4-57S-01-080624

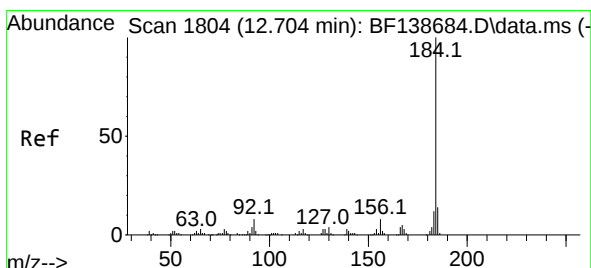
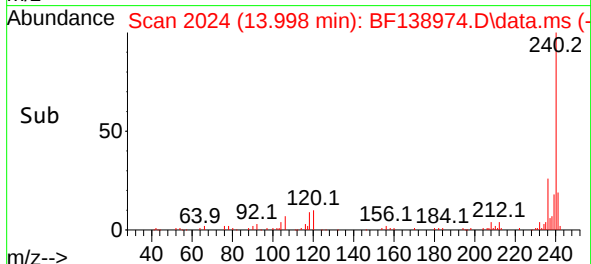
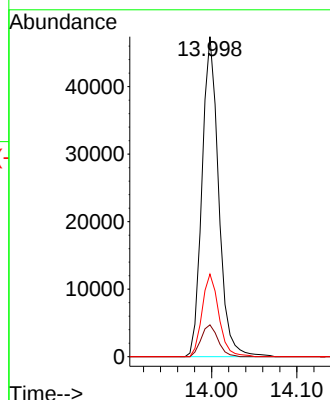
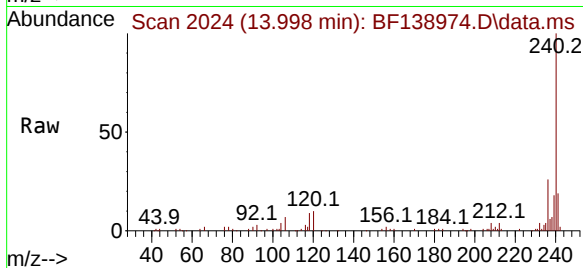
Tgt Ion:240 Resp: 64213

Ion Ratio Lower Upper

240 100

120 10.0 10.2 15.4#

236 25.8 19.8 29.8



#77

Benzidine

Concen: 2.628 ng

RT: 12.939 min Scan# 1844

Delta R.T. 0.235 min

Lab File: BF138974.D

Acq: 13 Aug 2024 14:48

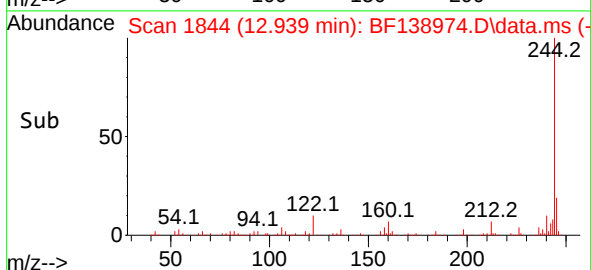
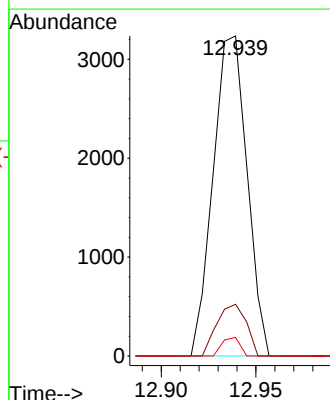
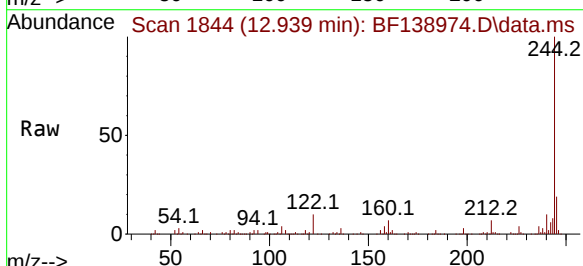
Tgt Ion:184 Resp: 4036

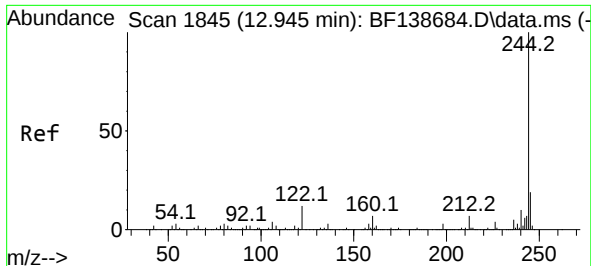
Ion Ratio Lower Upper

184 100

185 16.2 11.1 16.7

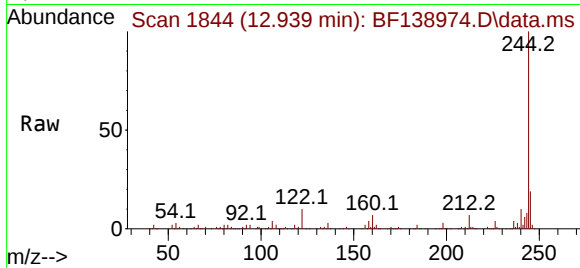
183 5.8 9.6 14.4#



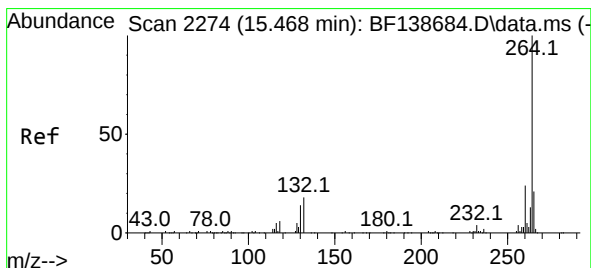
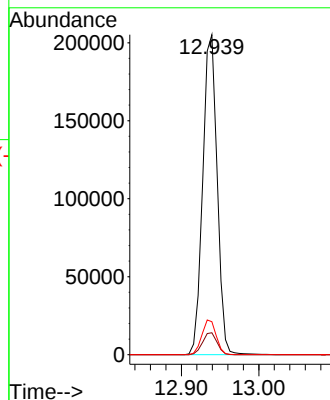
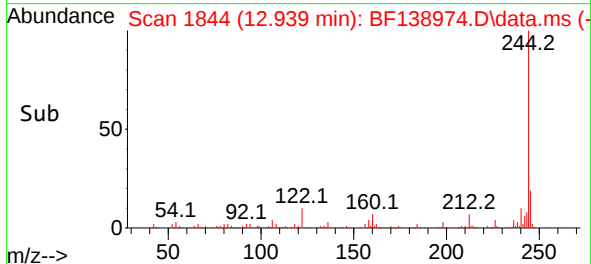


#79
 Terphenyl-d14
 Concen: 69.153 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF138974.D
 Acq: 13 Aug 2024 14:48

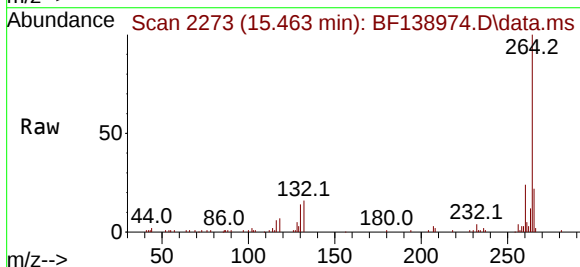
Instrument :
 BNA_F
 ClientSampleId :
 OU4-57S-01-080624



Tgt Ion:244 Resp: 265223
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 10.3 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: BF138974.D
 Acq: 13 Aug 2024 14:48



Tgt Ion:264 Resp: 61942
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.6
 265 21.9 17.0 25.6

