

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080124\
 Data File : BF138722.D
 Acq On : 01 Aug 2024 13:53
 Operator : RC/JU
 Sample : P3379-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-04-072324

Quant Time: Aug 01 14:21:19 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)

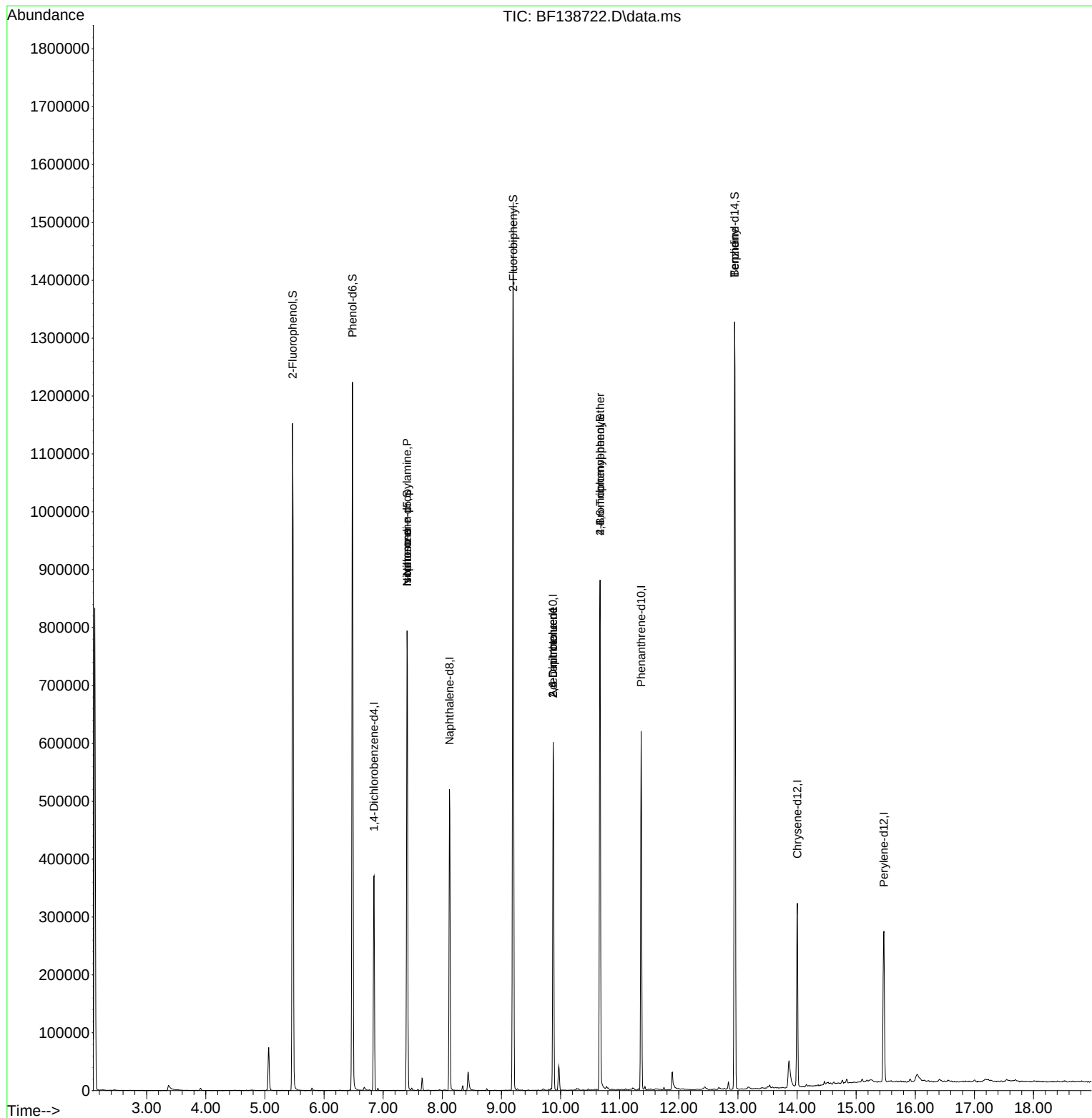
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	74116	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	316020	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	175910	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	306778	20.000	ng	0.00
76) Chrysene-d12	14.004	240	146208	20.000	ng	0.00
86) Perylene-d12	15.468	264	147624	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	388630	80.942	ng	0.00
7) Phenol-d6	6.481	99	544201	84.421	ng	0.00
23) Nitrobenzene-d5	7.404	82	347177	53.712	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	131926	91.556	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	634518	54.196	ng	0.00
79) Terphenyl-d14	12.945	244	632808	72.465	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	46258	11.881	ng	# 77
25) Isophorone	7.404	82	345208	31.277	ng	# 66
51) 2,6-Dinitrotoluene	9.875	165	23029	9.072	ng	# 21
57) 2,4-Dinitrotoluene	9.875	165	23029	7.111	ng	# 18
67) 4-Bromophenyl-phenylether	10.669	248	8985	2.705	ng	# 1
77) Benzidine	12.945	184	8182	2.340	ng	# 90

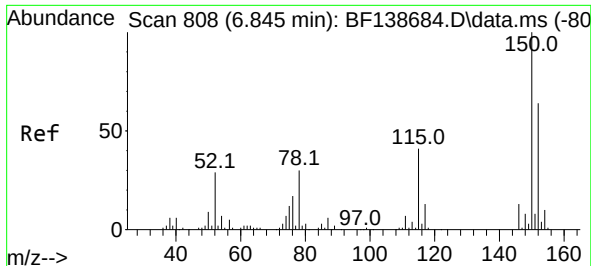
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080124\
Data File : BF138722.D
Acq On : 01 Aug 2024 13:53
Operator : RC/JU
Sample : P3379-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OU4-PCS-04-072324

Quant Time: Aug 01 14:21:19 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

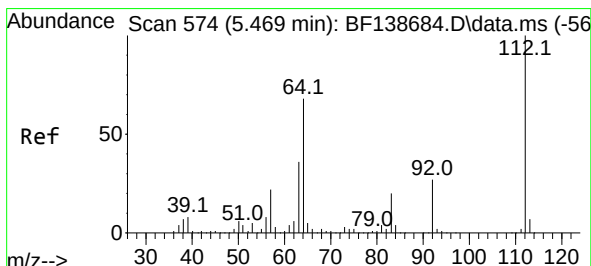
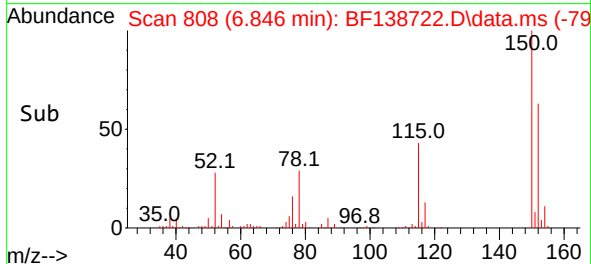
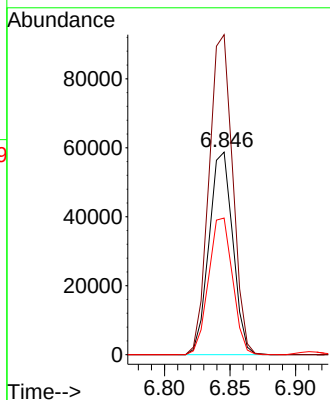
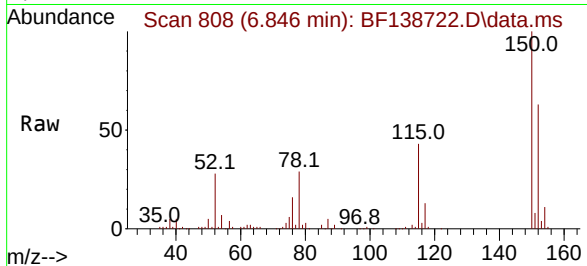




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.846 min Scan# 808
 Delta R.T. 0.001 min
 Lab File: BF138722.D
 Acq: 01 Aug 2024 13:53

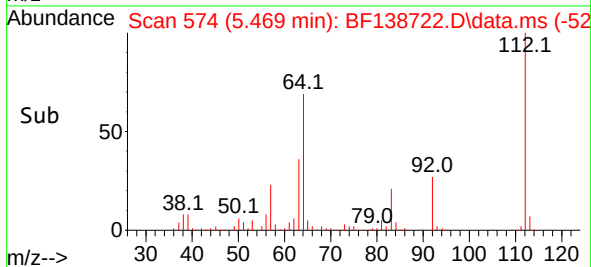
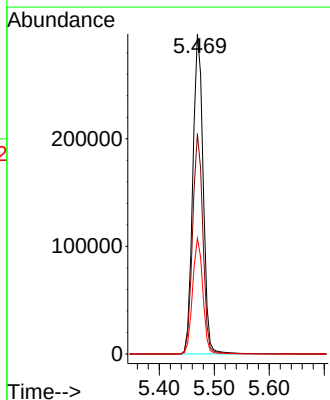
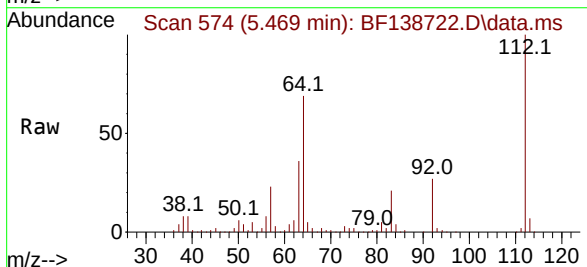
Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-04-072324

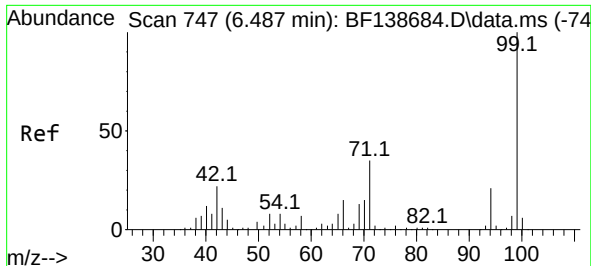
Tgt Ion:152 Resp: 74116
 Ion Ratio Lower Upper
 152 100
 150 158.0 126.0 189.0
 115 67.4 51.7 77.5



#5
 2-Fluorophenol
 Concen: 80.942 ng
 RT: 5.469 min Scan# 574
 Delta R.T. 0.000 min
 Lab File: BF138722.D
 Acq: 01 Aug 2024 13:53

Tgt Ion:112 Resp: 388630
 Ion Ratio Lower Upper
 112 100
 64 68.8 54.2 81.4
 63 36.2 28.7 43.1

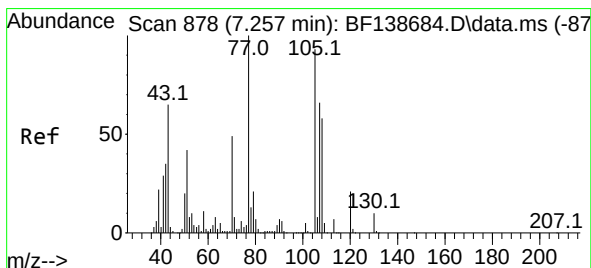
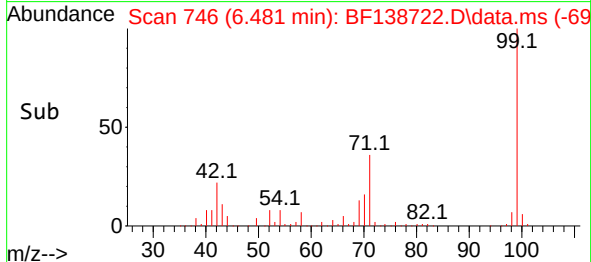
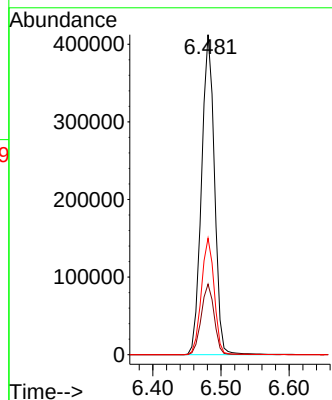
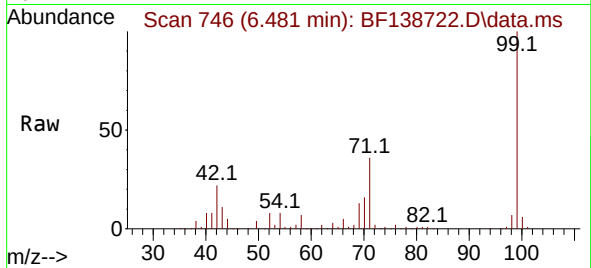




#7
Phenol-d6
Concen: 84.421 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138722.D
Acq: 01 Aug 2024 13:53

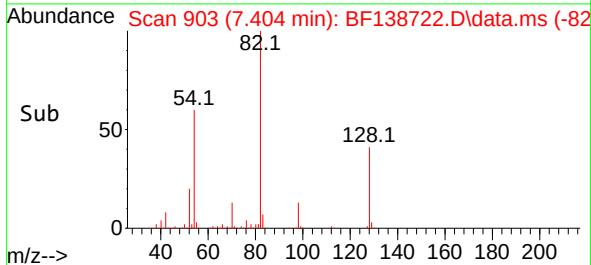
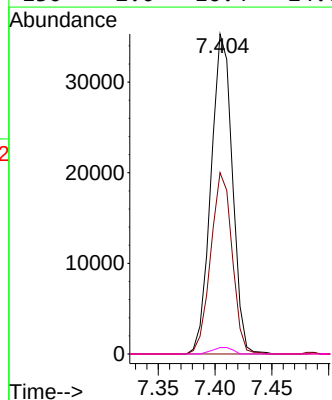
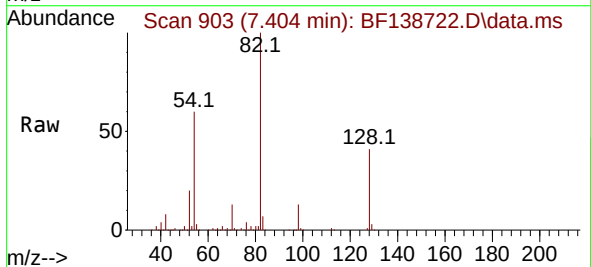
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-04-072324

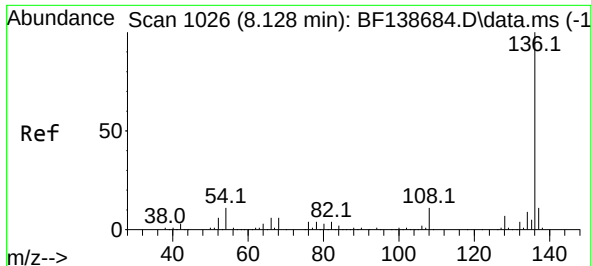
Tgt Ion: 99 Resp: 544201
Ion Ratio Lower Upper
99 100
42 22.0 17.4 26.0
71 36.4 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 11.881 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138722.D
Acq: 01 Aug 2024 13:53

Tgt Ion: 70 Resp: 46258
Ion Ratio Lower Upper
70 100
42 56.7 57.4 86.0#
101 0.0 7.5 11.3#
130 2.0 16.4 24.6#

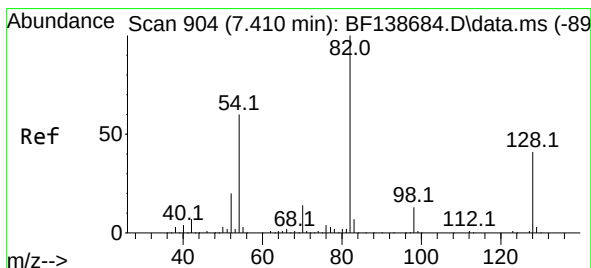
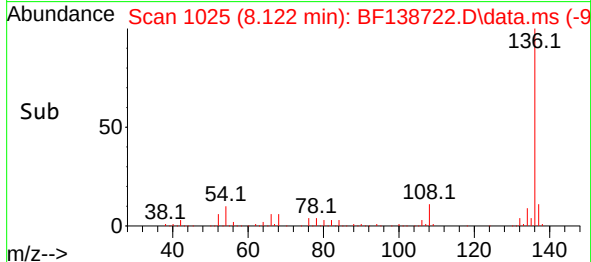
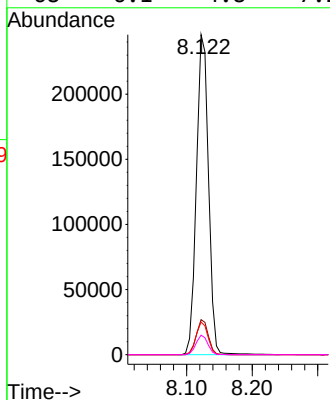
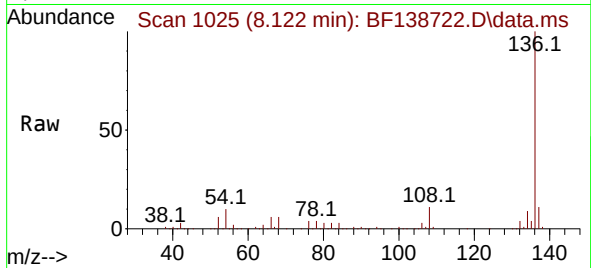




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF138722.D
Acq: 01 Aug 2024 13:53

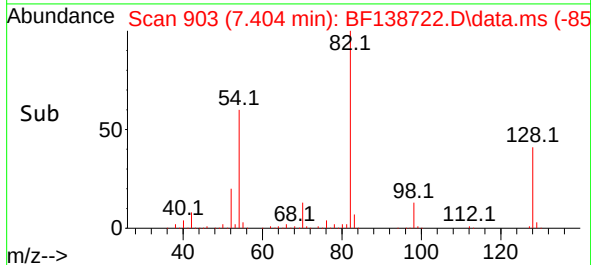
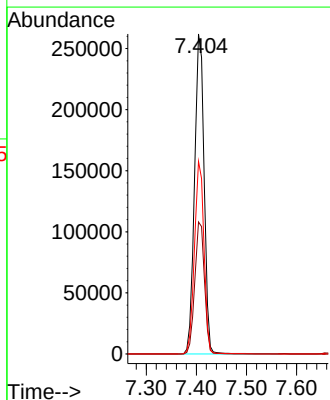
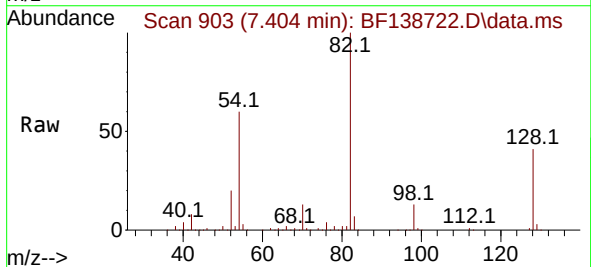
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-04-072324

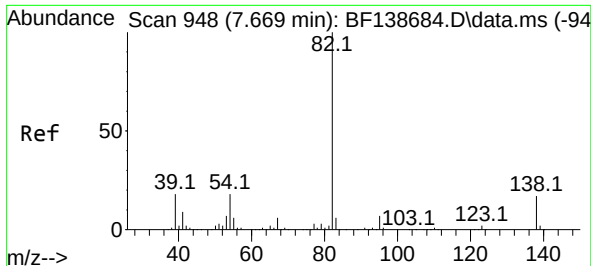
Tgt Ion:	136	Resp:	316020
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	10.2	8.6	12.8
68	6.1	4.8	7.2



#23
Nitrobenzene-d5
Concen: 53.712 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138722.D
Acq: 01 Aug 2024 13:53

Tgt Ion:	82	Resp:	347177
Ion	Ratio	Lower	Upper
82	100		
128	41.3	32.8	49.2
54	60.2	48.3	72.5

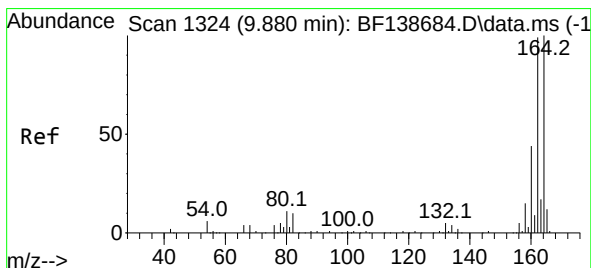
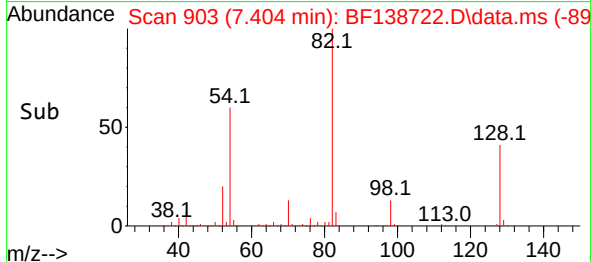
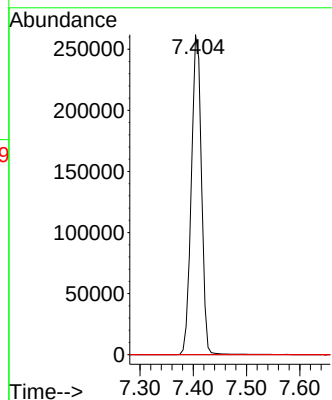
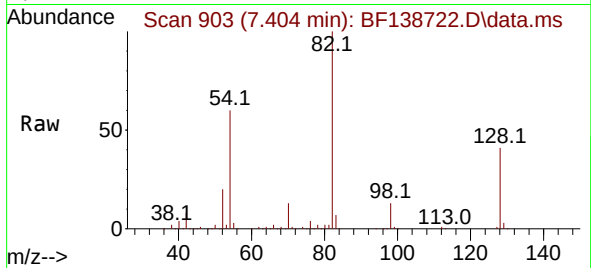




#25
Isophorone
Concen: 31.277 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138722.D
Acq: 01 Aug 2024 13:53

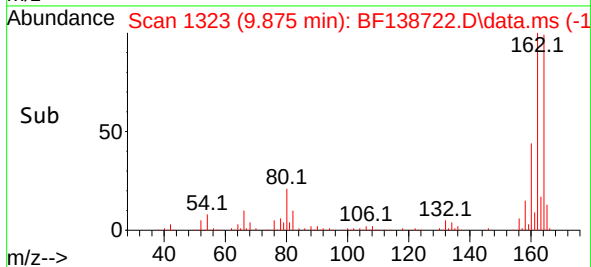
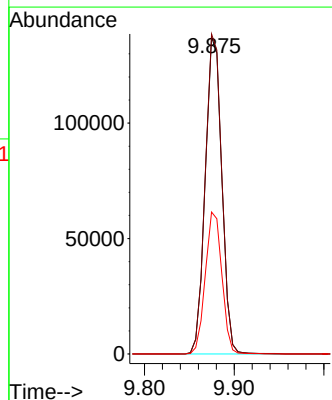
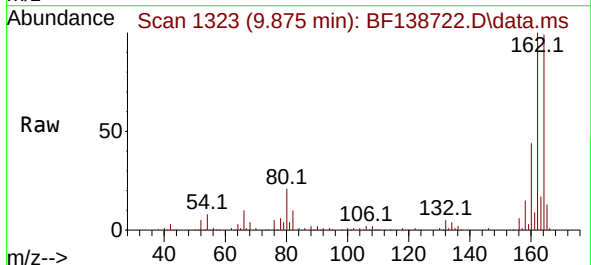
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-04-072324

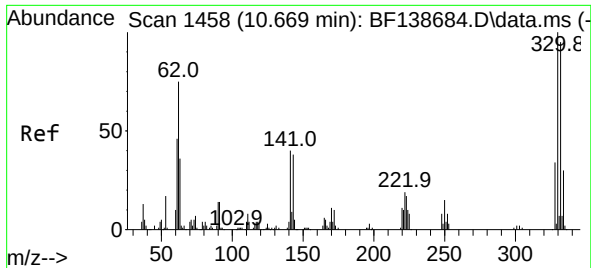
Tgt Ion: 82 Resp: 345208
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF138722.D
Acq: 01 Aug 2024 13:53

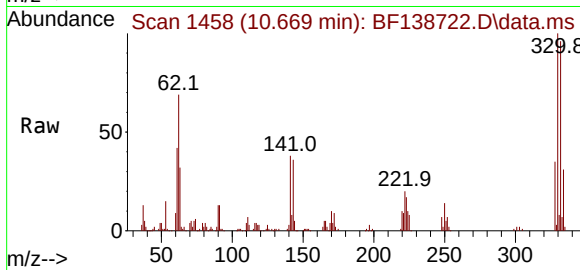
Tgt Ion:164 Resp: 175910
Ion Ratio Lower Upper
164 100
162 101.0 79.4 119.0
160 44.8 35.1 52.7



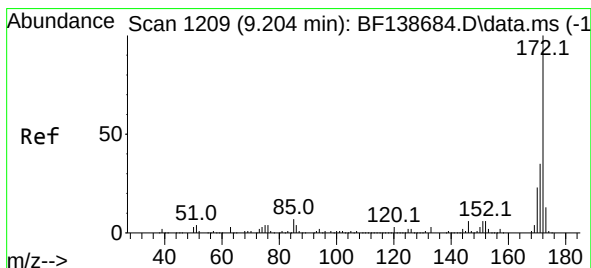
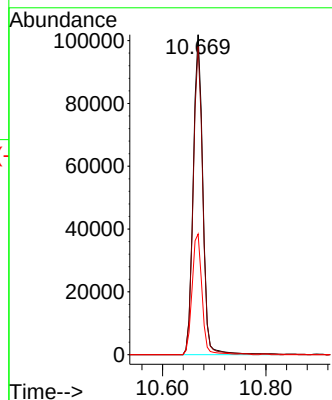
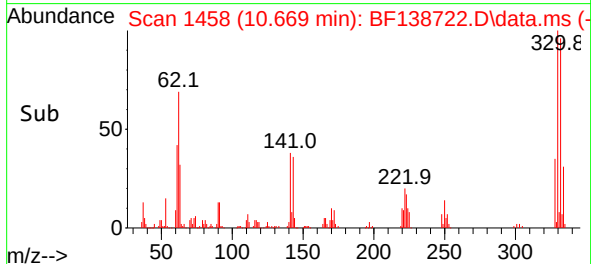


#42
 2,4,6-Tribromophenol
 Concen: 91.556 ng
 RT: 10.669 min Scan# 1458
 Delta R.T. 0.000 min
 Lab File: BF138722.D
 Acq: 01 Aug 2024 13:53

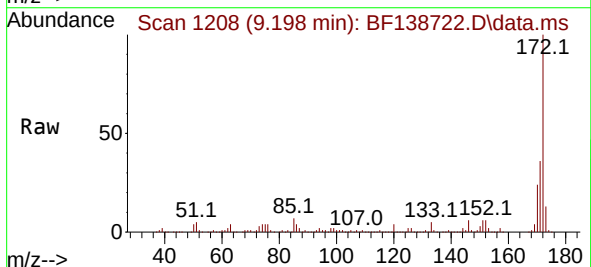
Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-04-072324



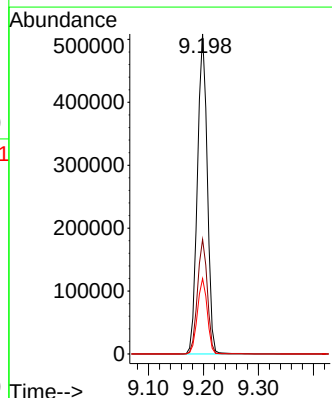
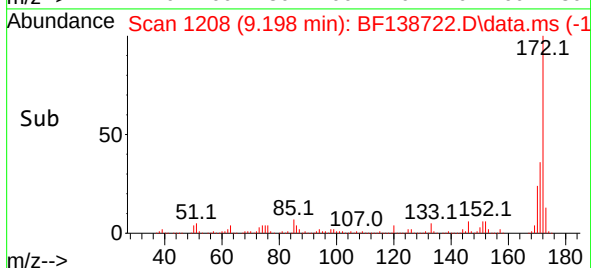
Tgt Ion: 330 Resp: 131926
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.4 114.6
 141 38.8 31.1 46.7

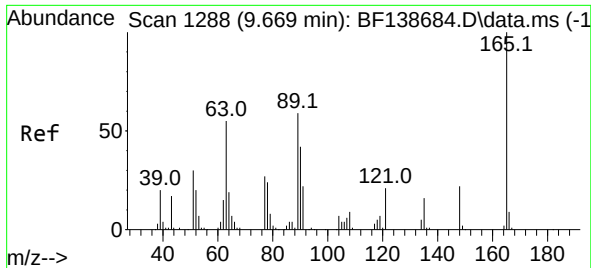


#45
 2-Fluorobiphenyl
 Concen: 54.196 ng
 RT: 9.198 min Scan# 1208
 Delta R.T. -0.006 min
 Lab File: BF138722.D
 Acq: 01 Aug 2024 13:53



Tgt Ion: 172 Resp: 634518
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.3 42.5
 170 23.6 18.8 28.2

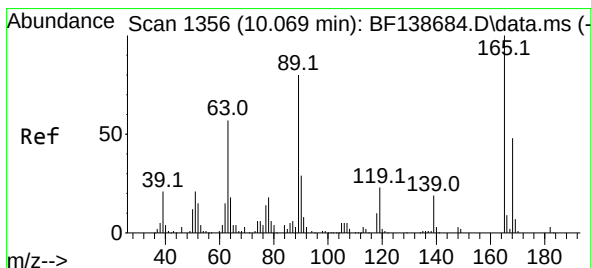
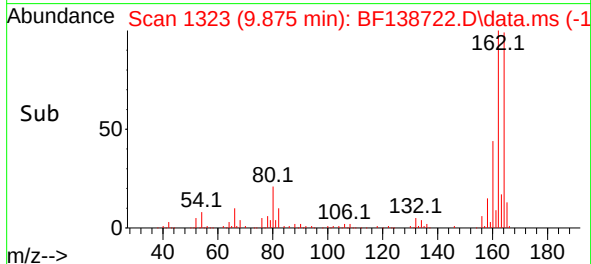
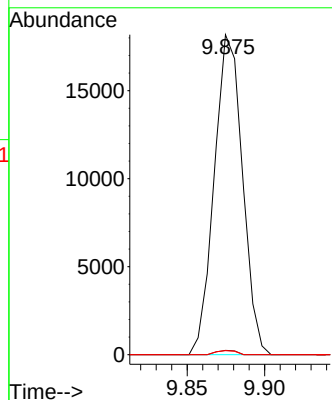
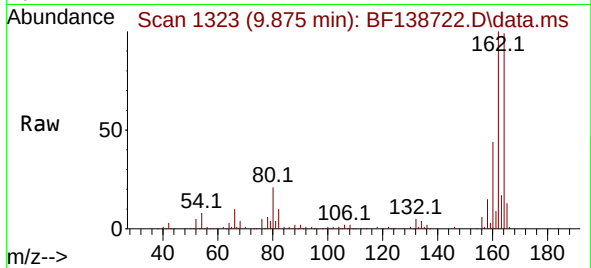




#51
2,6-Dinitrotoluene
Concen: 9.072 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF138722.D
Acq: 01 Aug 2024 13:53

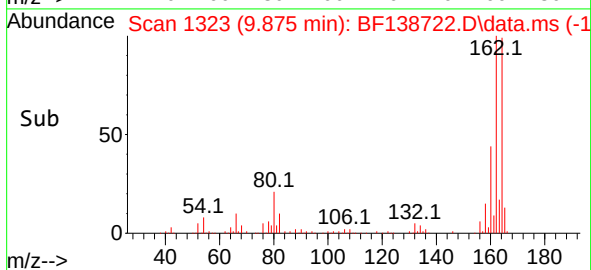
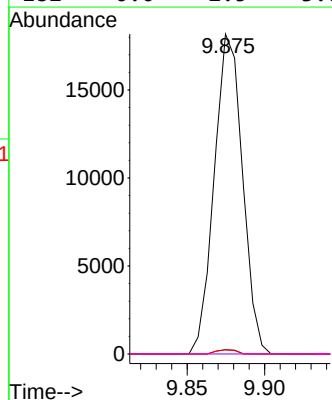
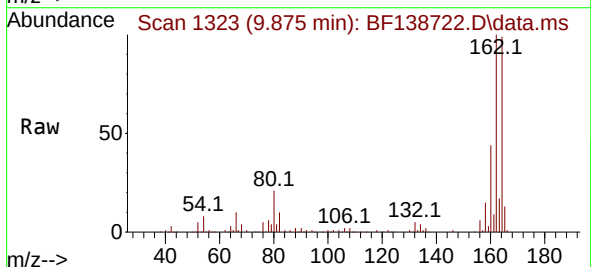
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-04-072324

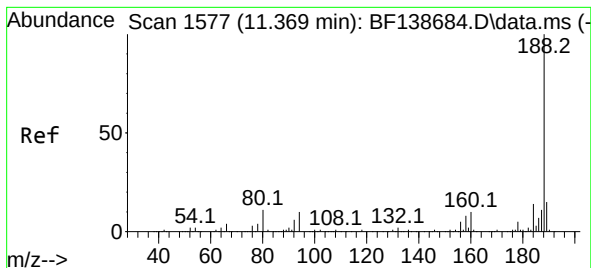
Tgt Ion:165 Resp: 23029
Ion Ratio Lower Upper
165 100
63 1.3 52.0 78.0#
89 1.2 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 7.111 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.194 min
Lab File: BF138722.D
Acq: 01 Aug 2024 13:53

Tgt Ion:165 Resp: 23029
Ion Ratio Lower Upper
165 100
63 1.3 46.3 69.5#
89 1.2 64.2 96.4#
182 0.0 2.5 3.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138722.D

Acq: 01 Aug 2024 13:53

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-04-072324

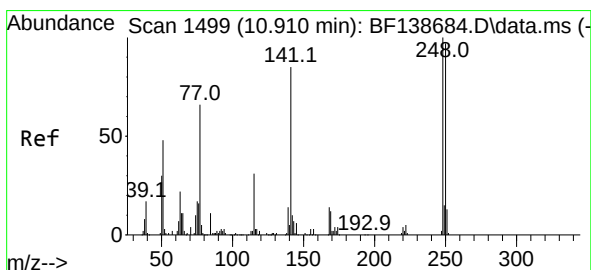
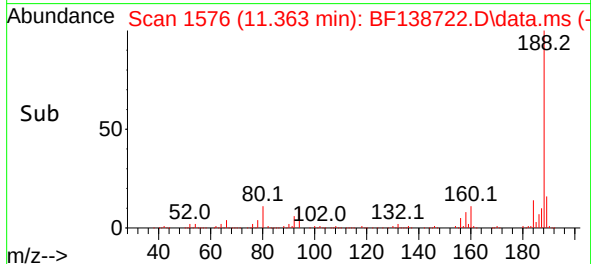
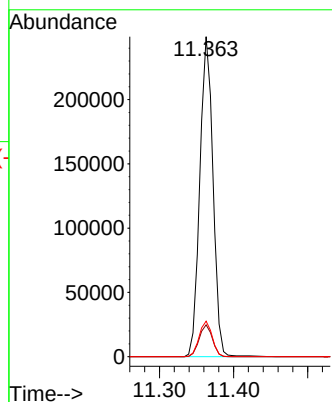
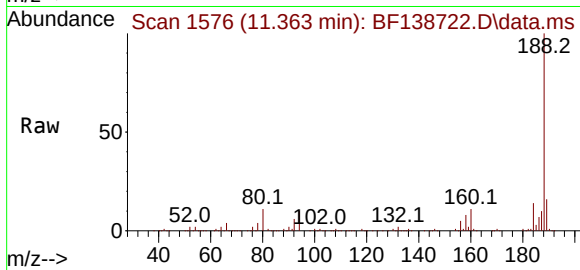
Tgt Ion:188 Resp: 306778

Ion Ratio Lower Upper

188 100

94 9.9 7.6 11.4

80 11.1 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 2.705 ng

RT: 10.669 min Scan# 1458

Delta R.T. -0.241 min

Lab File: BF138722.D

Acq: 01 Aug 2024 13:53

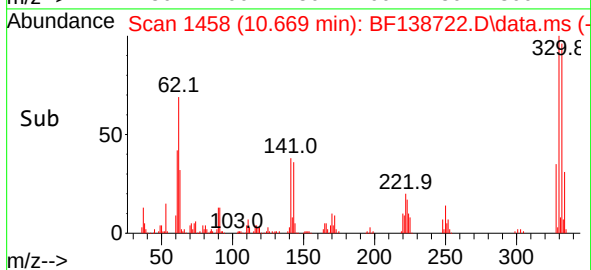
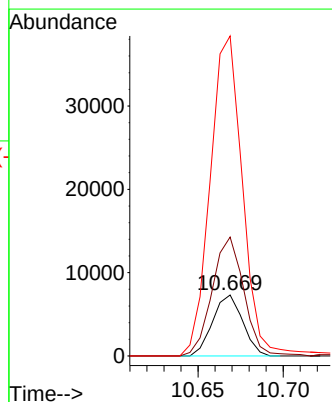
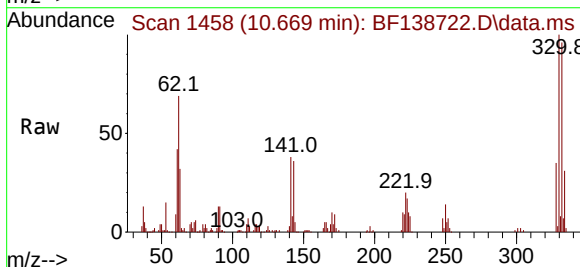
Tgt Ion:248 Resp: 8985

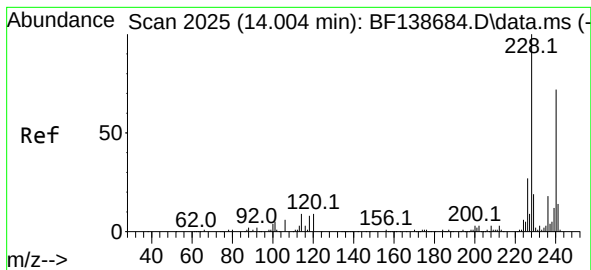
Ion Ratio Lower Upper

248 100

250 194.7 77.7 116.5#

141 524.5 68.0 102.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF138722.D

Acq: 01 Aug 2024 13:53

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-04-072324

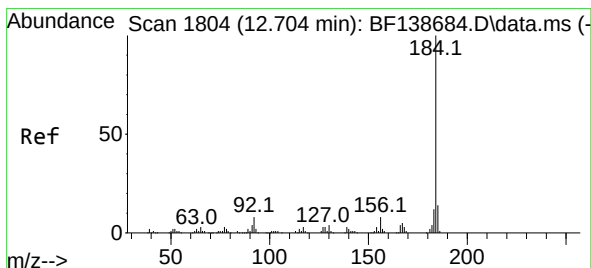
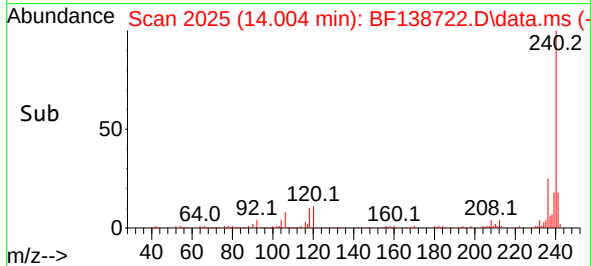
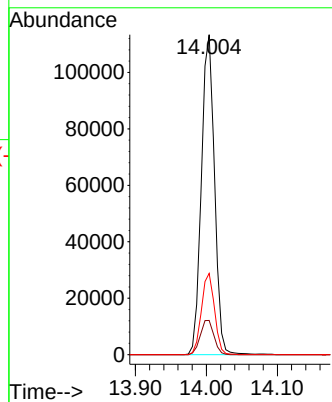
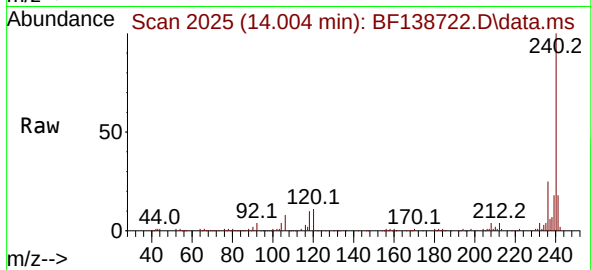
Tgt Ion:240 Resp: 146208

Ion Ratio Lower Upper

240 100

120 10.7 10.2 15.4

236 25.4 19.8 29.8



#77

Benzidine

Concen: 2.340 ng

RT: 12.945 min Scan# 1845

Delta R.T. 0.241 min

Lab File: BF138722.D

Acq: 01 Aug 2024 13:53

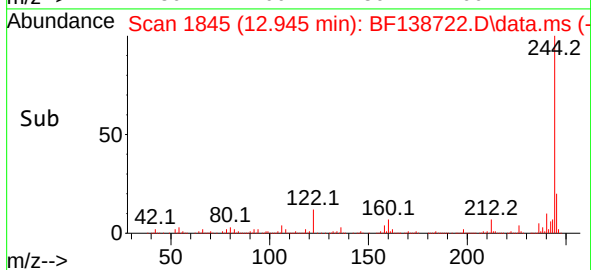
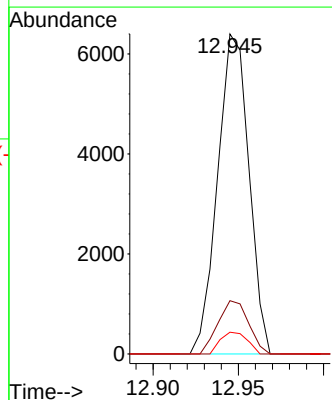
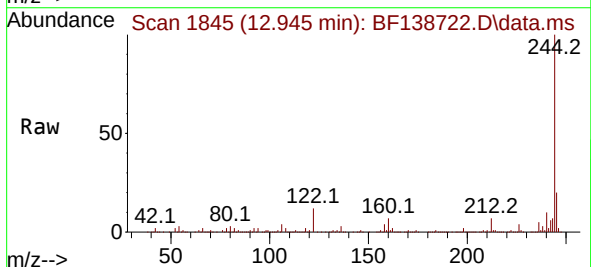
Tgt Ion:184 Resp: 8182

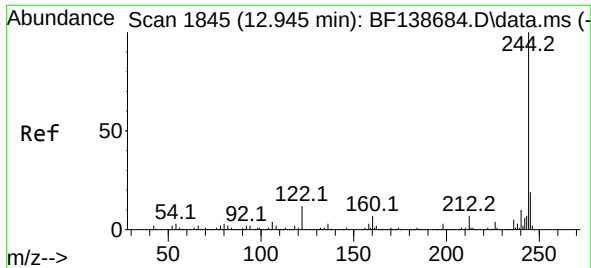
Ion Ratio Lower Upper

184 100

185 16.7 11.1 16.7

183 6.8 9.6 14.4#

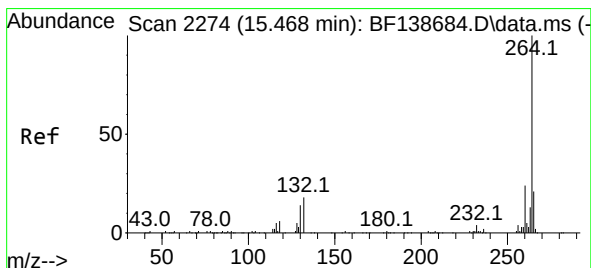
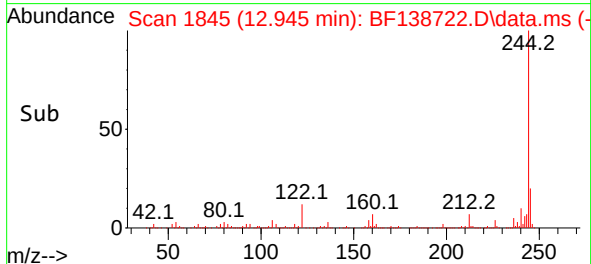
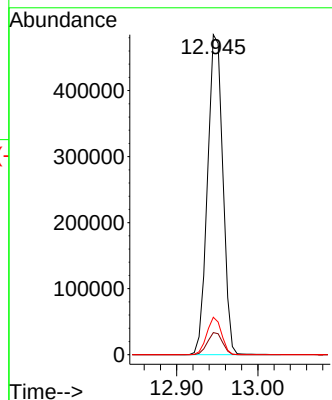
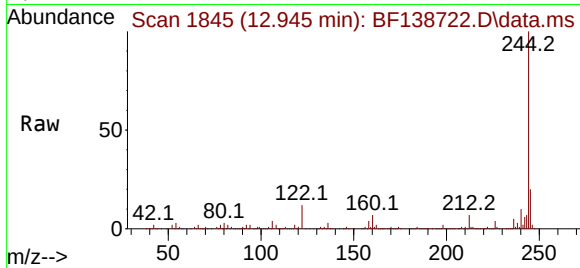




#79
 Terphenyl-d14
 Concen: 72.465 ng
 RT: 12.945 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: BF138722.D
 Acq: 01 Aug 2024 13:53

Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-04-072324

Tgt Ion:244 Resp: 632808
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 11.7 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2274
 Delta R.T. 0.000 min
 Lab File: BF138722.D
 Acq: 01 Aug 2024 13:53

Tgt Ion:264 Resp: 147624
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.6
 265 22.1 17.0 25.6

