

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080624\
 Data File : BF138822.D
 Acq On : 06 Aug 2024 23:26
 Operator : RC/JU
 Sample : P3396-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-CF04-01RE

Quant Time: Aug 07 01:06:41 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)

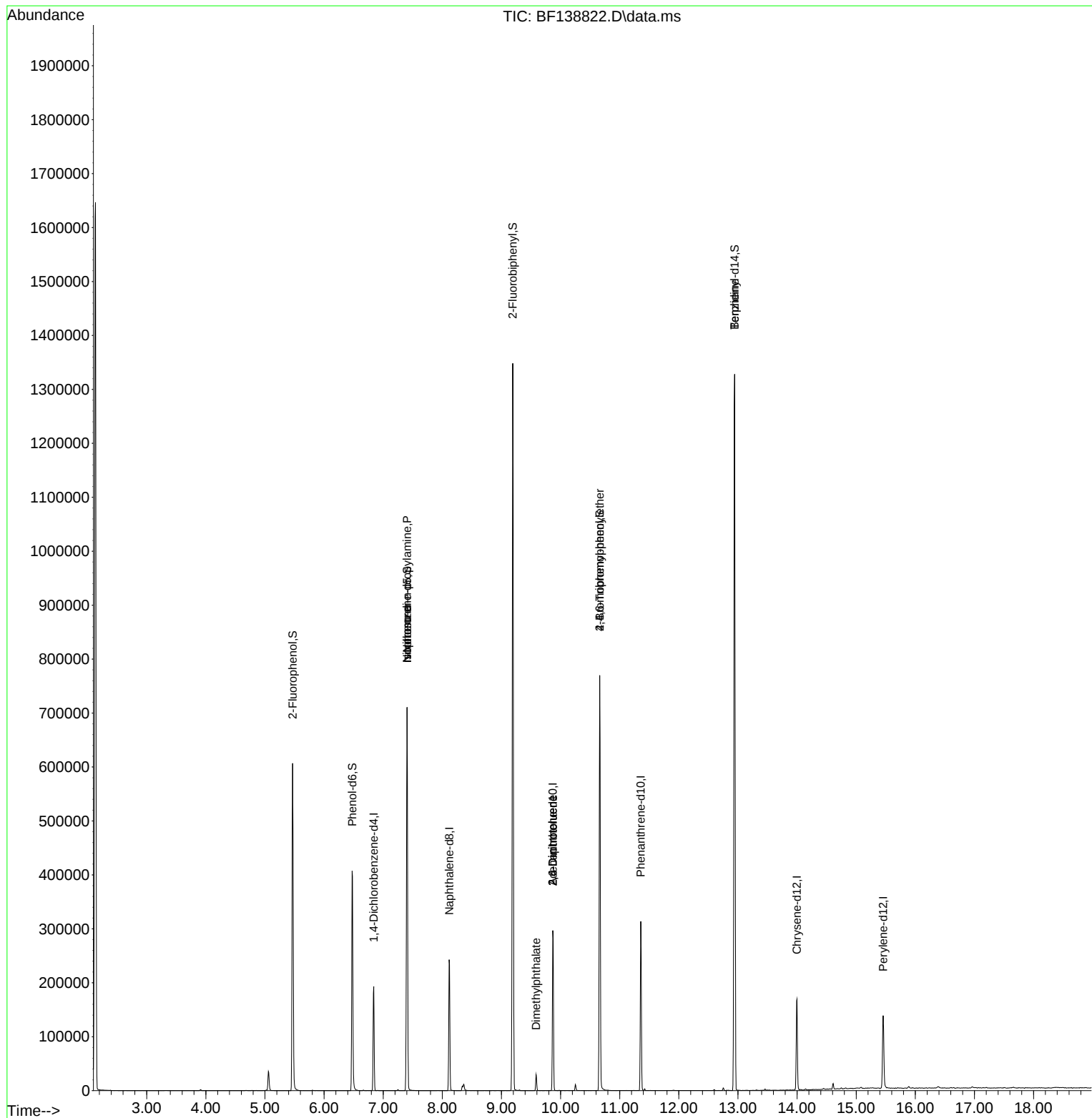
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	37130	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	151229	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	87440	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	158685	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	82743	20.000	ng	# 0.00
86) Perylene-d12	15.456	264	79437	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	202494	84.185	ng	0.00
7) Phenol-d6	6.475	99	180465	55.882	ng	-0.01
23) Nitrobenzene-d5	7.404	82	314903	101.806	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	115874	161.779	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	581204	99.869	ng	-0.01
79) Terphenyl-d14	12.945	244	662282	134.010	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	42727	21.906	ng	# 77
25) Isophorone	7.404	82	314943	59.629	ng	# 66
50) Dimethylphthalate	9.586	163	17151	3.068	ng	100
51) 2,6-Dinitrotoluene	9.869	165	11572	9.171	ng	# 19
57) 2,4-Dinitrotoluene	9.869	165	11572	7.188	ng	# 16
67) 4-Bromophenyl-phenylether	10.663	248	8069	4.697	ng	# 1
77) Benzidine	12.945	184	9167	4.632	ng	# 89

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080624\
Data File : BF138822.D
Acq On : 06 Aug 2024 23:26
Operator : RC/JU
Sample : P3396-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-CF04-01RE

Quant Time: Aug 07 01:06:41 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

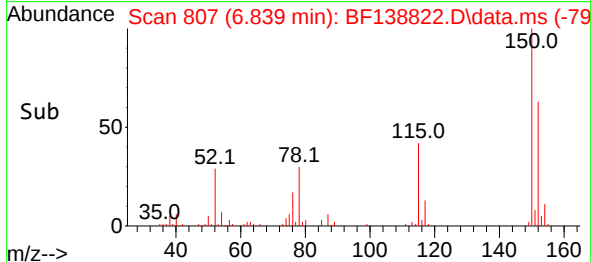
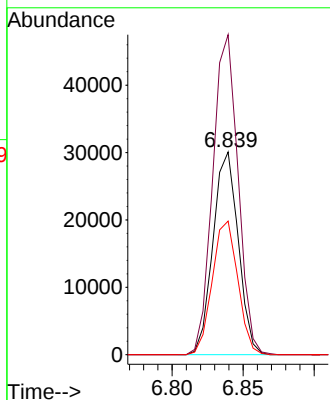
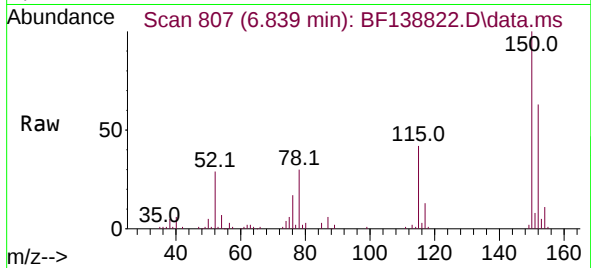




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF138822.D
Acq: 06 Aug 2024 23:26

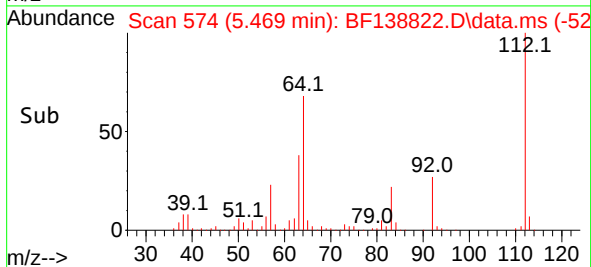
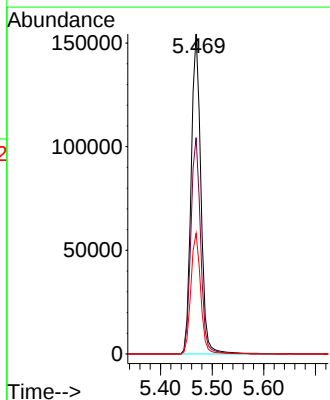
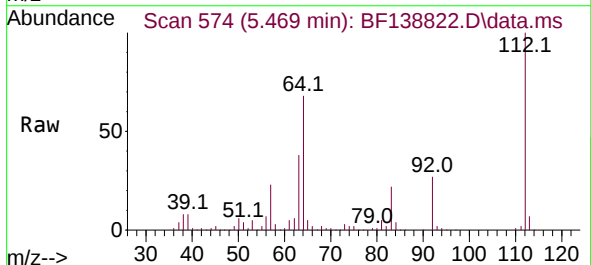
Instrument :
BNA_F
ClientSampleId :
P001-CF04-01RE

Tgt Ion:152 Resp: 37130
Ion Ratio Lower Upper
152 100
150 157.9 126.0 189.0
115 65.9 51.7 77.5



#5
2-Fluorophenol
Concen: 84.185 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF138822.D
Acq: 06 Aug 2024 23:26

Tgt Ion:112 Resp: 202494
Ion Ratio Lower Upper
112 100
64 67.6 54.2 81.4
63 37.7 28.7 43.1

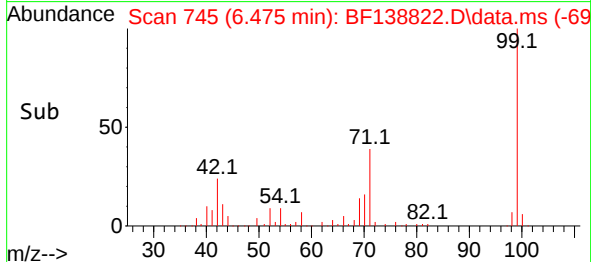
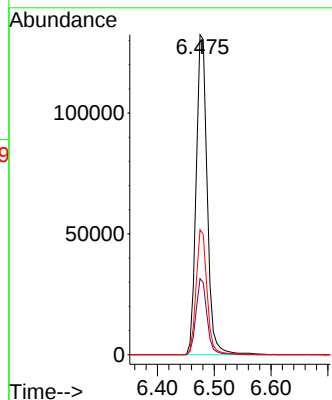
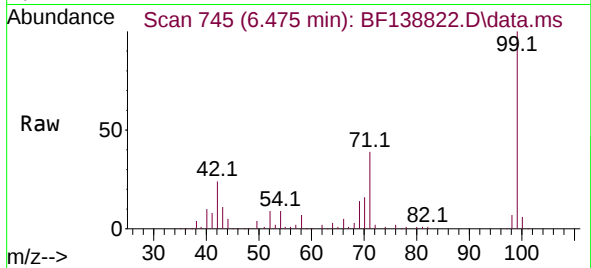




#7
Phenol-d6
Concen: 55.882 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF138822.D
Acq: 06 Aug 2024 23:26

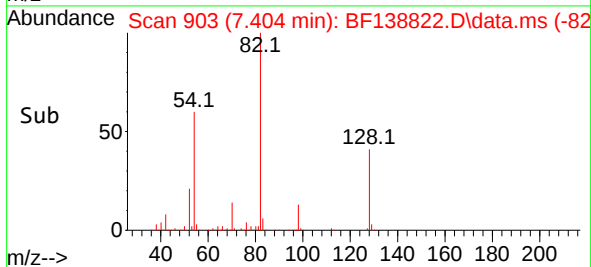
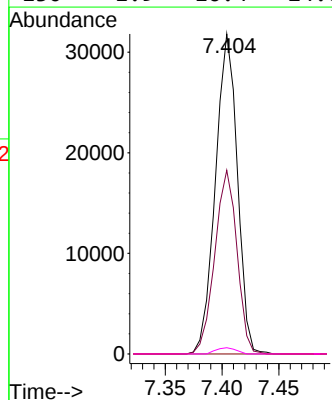
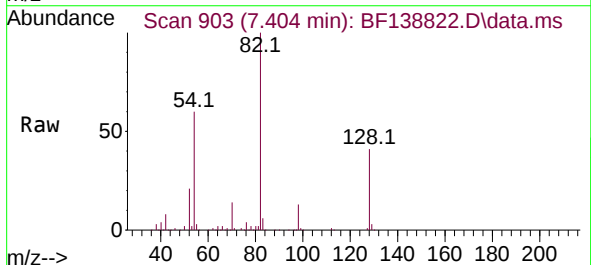
Instrument :
BNA_F
ClientSampleId :
P001-CF04-01RE

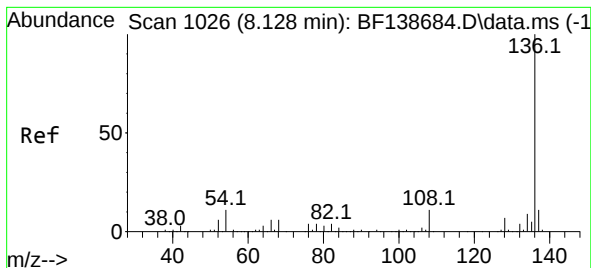
Tgt Ion: 99 Resp: 180465
Ion Ratio Lower Upper
99 100
42 23.8 17.4 26.0
71 39.1 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 21.906 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138822.D
Acq: 06 Aug 2024 23:26

Tgt Ion: 70 Resp: 42727
Ion Ratio Lower Upper
70 100
42 57.4 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: 8.116 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138822.D

Acq: 06 Aug 2024 23:26

Instrument :

BNA_F

ClientSampleId :

P001-CF04-01RE

Tgt Ion:136 Resp: 151229

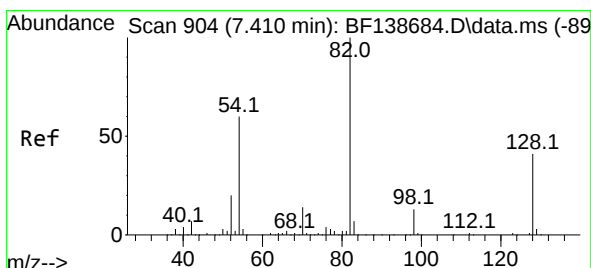
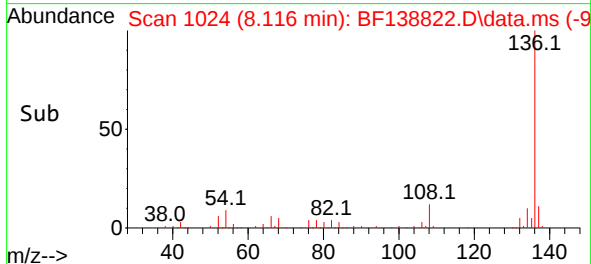
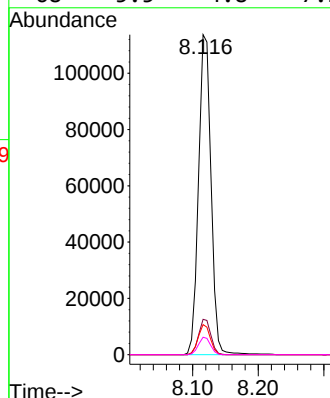
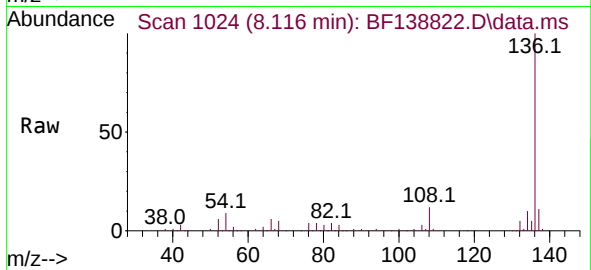
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.4 8.6 12.8

68 5.5 4.8 7.2



#23

Nitrobenzene-d5

Concen: 101.806 ng

RT: 7.404 min Scan# 903

Delta R.T. -0.006 min

Lab File: BF138822.D

Acq: 06 Aug 2024 23:26

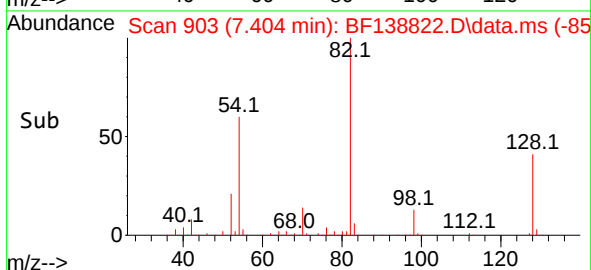
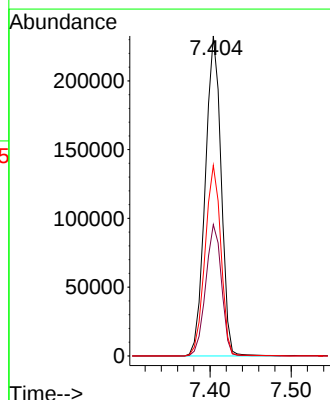
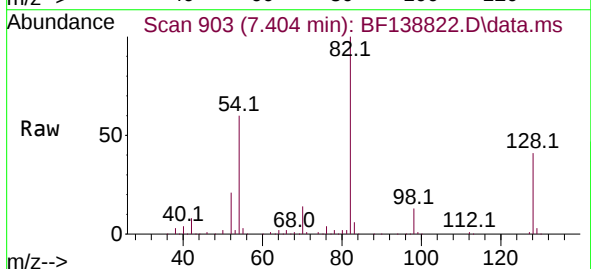
Tgt Ion: 82 Resp: 314903

Ion Ratio Lower Upper

82 100

128 41.1 32.8 49.2

54 59.6 48.3 72.5

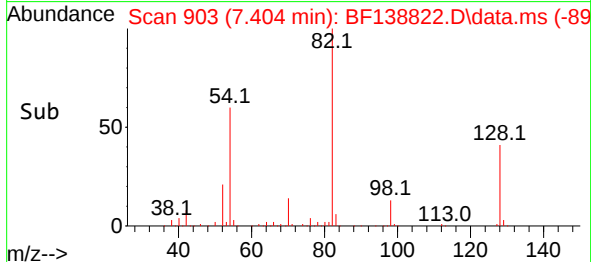
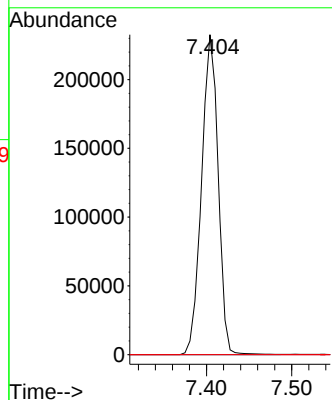
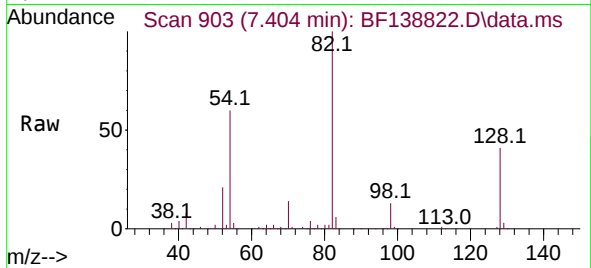




#25
Isophorone
Concen: 59.629 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138822.D
Acq: 06 Aug 2024 23:26

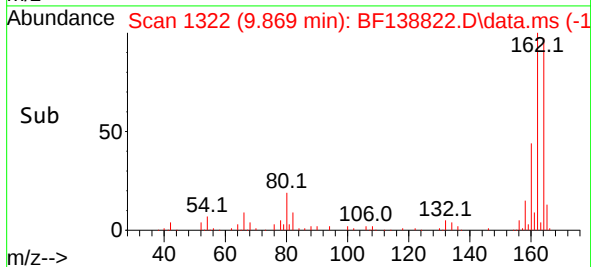
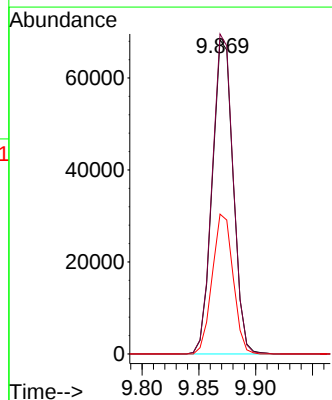
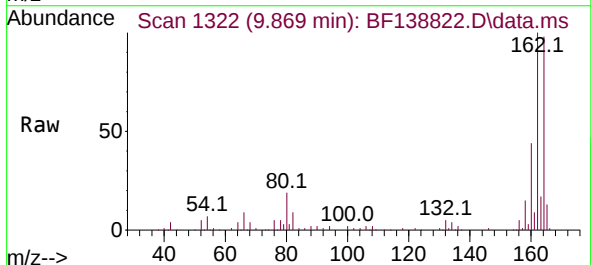
Instrument :
BNA_F
ClientSampleId :
P001-CF04-01RE

Tgt Ion: 82 Resp: 314943
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: BF138822.D
Acq: 06 Aug 2024 23:26

Tgt Ion:164 Resp: 87440
Ion Ratio Lower Upper
164 100
162 101.8 79.4 119.0
160 44.5 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 161.779 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF138822.D

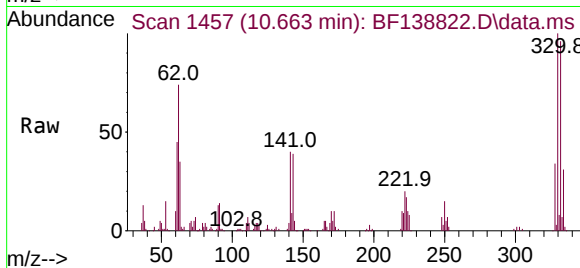
Acq: 06 Aug 2024 23:26

Instrument :

BNA_F

ClientSampleId :

P001-CF04-01RE



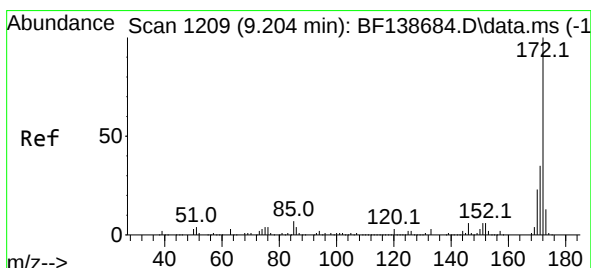
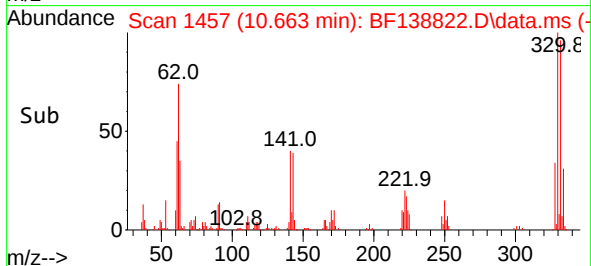
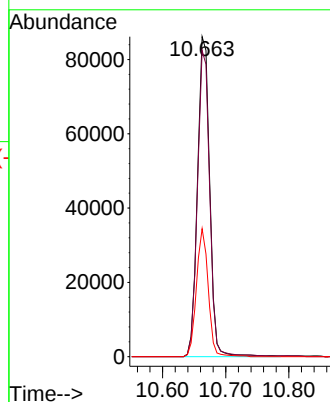
Tgt Ion:330 Resp: 115874

Ion Ratio Lower Upper

330 100

332 95.9 76.4 114.6

141 38.5 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 99.869 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BF138822.D

Acq: 06 Aug 2024 23:26

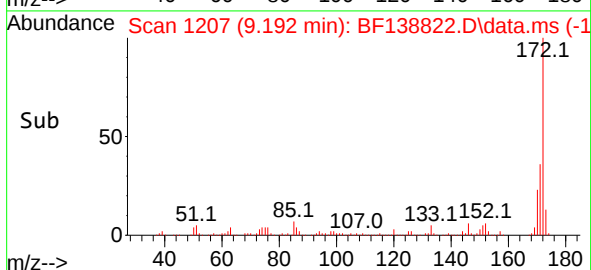
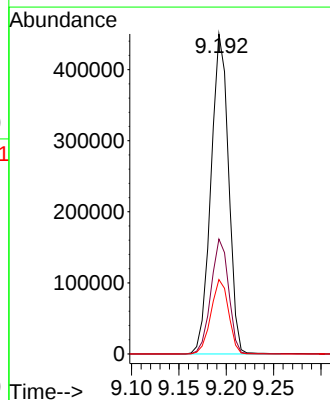
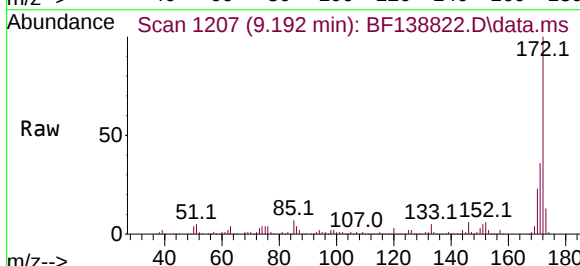
Tgt Ion:172 Resp: 581204

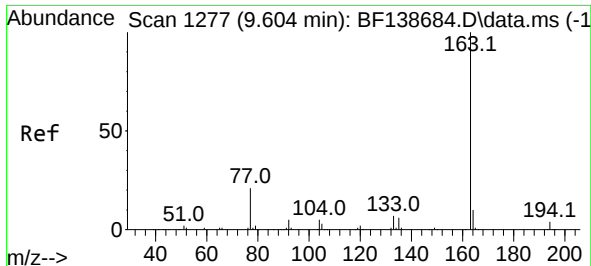
Ion Ratio Lower Upper

172 100

171 35.9 28.3 42.5

170 23.2 18.8 28.2

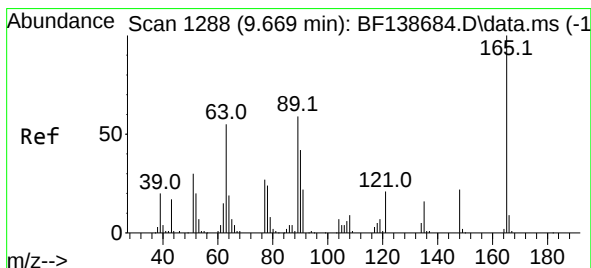
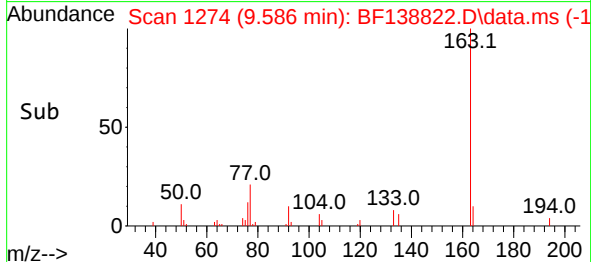
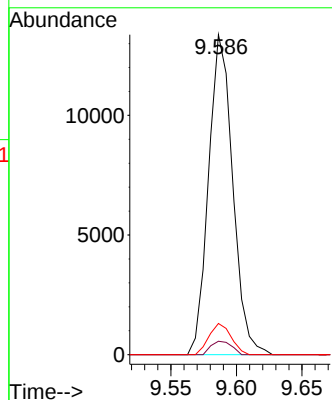
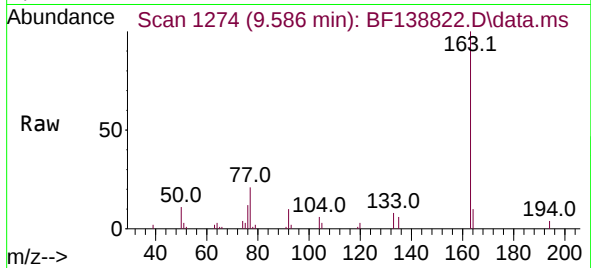




#50
Dimethylphthalate
Concen: 3.068 ng
RT: 9.586 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF138822.D
Acq: 06 Aug 2024 23:26

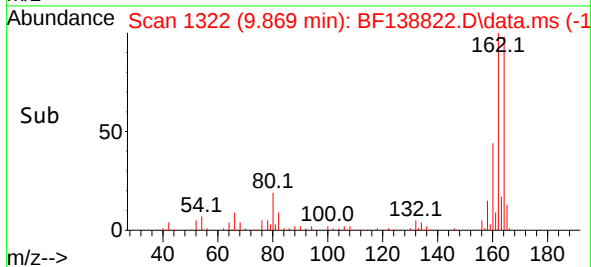
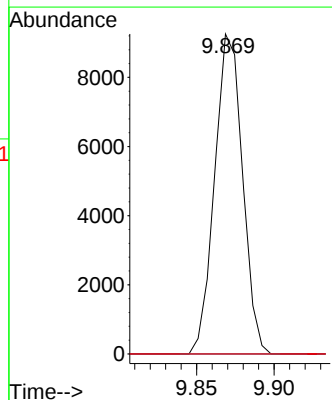
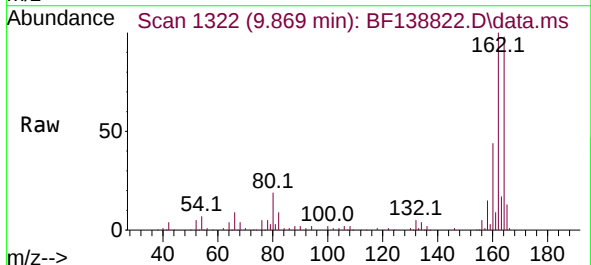
Instrument :
BNA_F
ClientSampleId :
P001-CF04-01RE

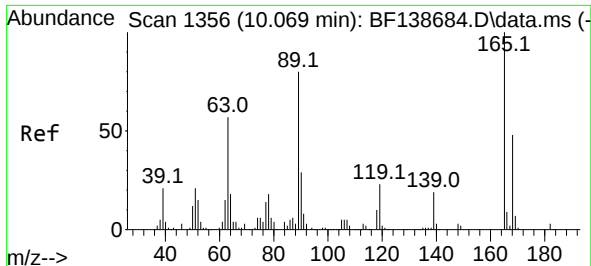
Tgt Ion:163 Resp: 17151
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 9.8 7.8 11.8



#51
2,6-Dinitrotoluene
Concen: 9.171 ng
RT: 9.869 min Scan# 1322
Delta R.T. 0.200 min
Lab File: BF138822.D
Acq: 06 Aug 2024 23:26

Tgt Ion:165 Resp: 11572
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 0.0 47.0 70.6#

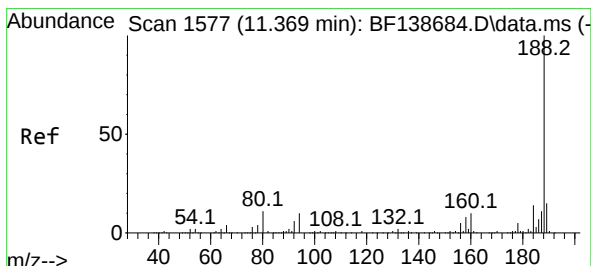
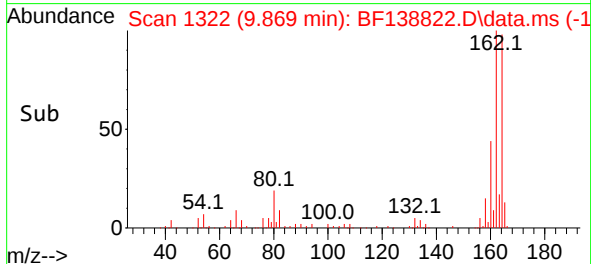
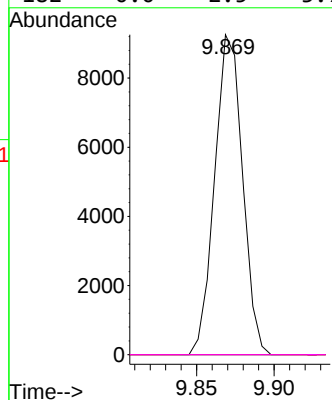
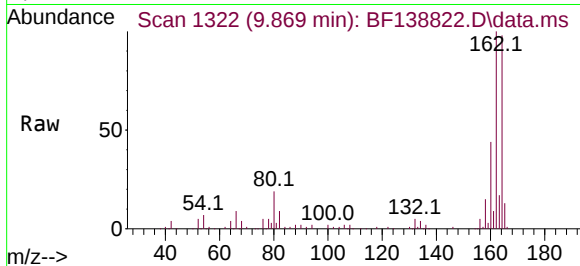




#57
2,4-Dinitrotoluene
Concen: 7.188 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF138822.D
Acq: 06 Aug 2024 23:26

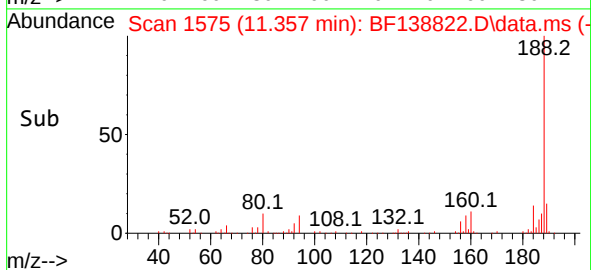
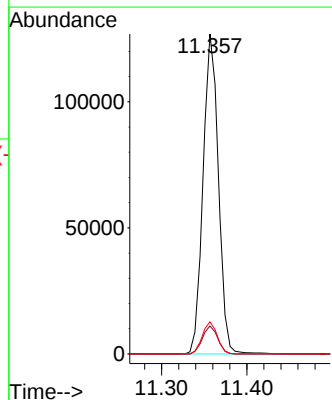
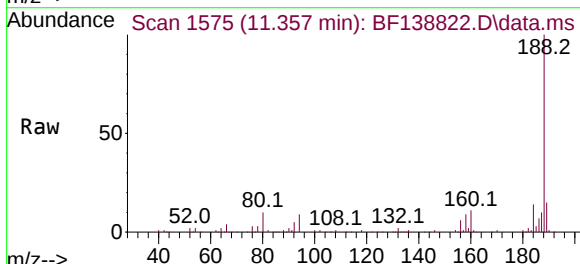
Instrument :
BNA_F
ClientSampleId :
P001-CF04-01RE

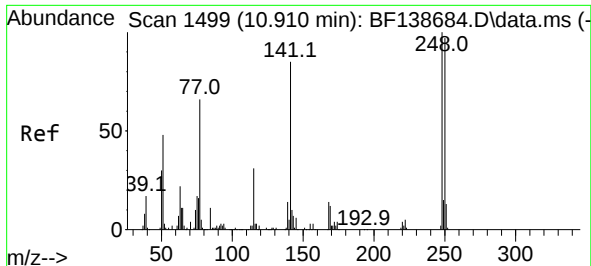
Tgt Ion:165	Resp:	11572
Ion	Ratio	Lower Upper
165	100	
63	0.0	46.3 69.5#
89	0.0	64.2 96.4#
182	0.0	2.5 3.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BF138822.D
Acq: 06 Aug 2024 23:26

Tgt Ion:188	Resp:	158685
Ion	Ratio	Lower Upper
188	100	
94	8.8	7.6 11.4
80	10.0	8.6 12.8

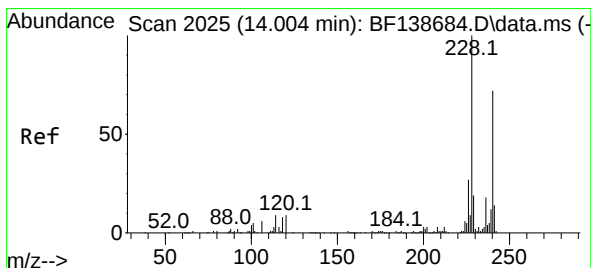
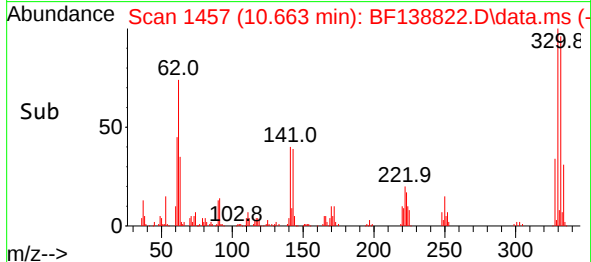
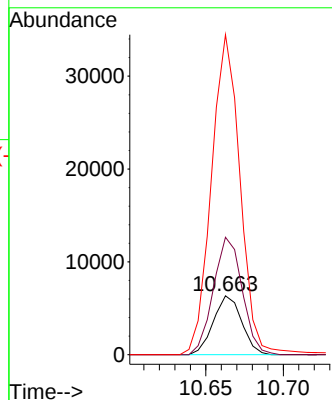
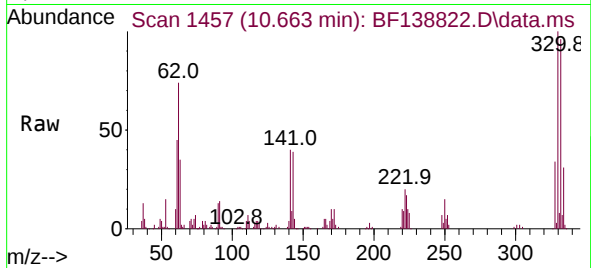




#67
4-Bromophenyl-phenylether
Concen: 4.697 ng
RT: 10.663 min Scan# 1499
Delta R.T. -0.247 min
Lab File: BF138822.D
Acq: 06 Aug 2024 23:26

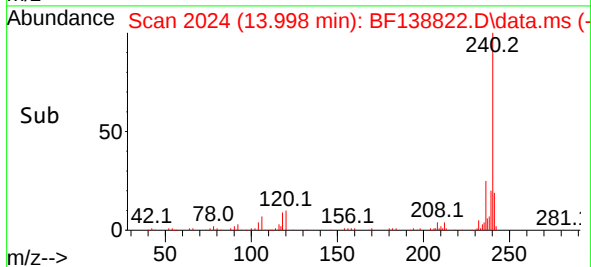
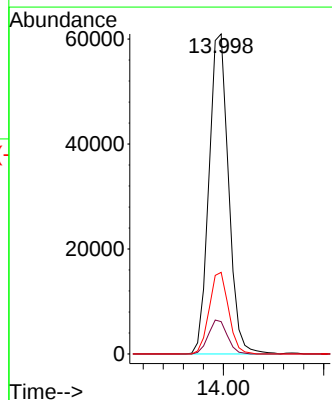
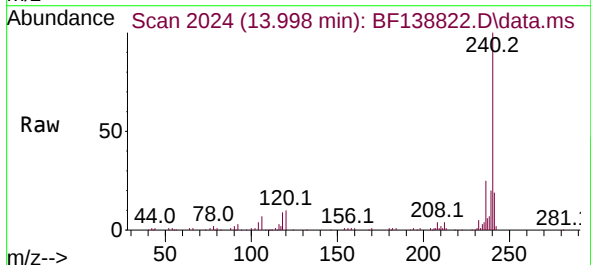
Instrument :
BNA_F
ClientSampleId :
P001-CF04-01RE

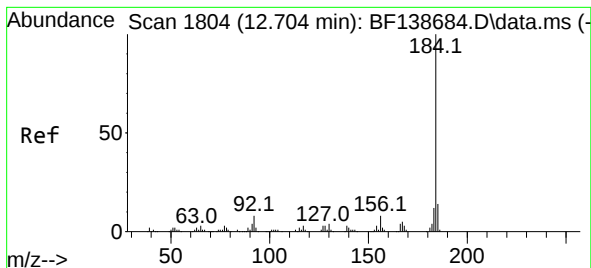
Tgt Ion:248 Resp: 8069
Ion Ratio Lower Upper
248 100
250 199.3 77.7 116.5#
141 543.3 68.0 102.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138822.D
Acq: 06 Aug 2024 23:26

Tgt Ion:240 Resp: 82743
Ion Ratio Lower Upper
240 100
120 10.1 10.2 15.4#
236 25.5 19.8 29.8





#77

Benzidine

Concen: 4.632 ng

RT: 12.945 min Scan# 1845

Delta R.T. 0.241 min

Lab File: BF138822.D

Acq: 06 Aug 2024 23:26

Instrument :

BNA_F

ClientSampleId :

P001-CF04-01RE

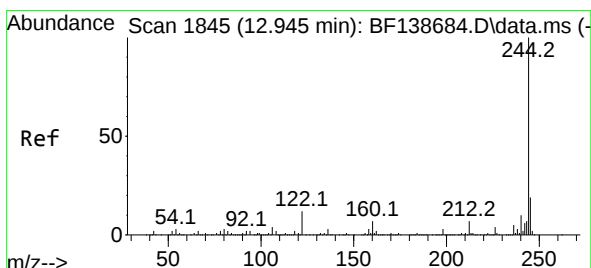
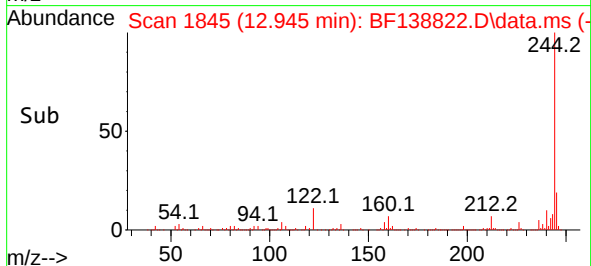
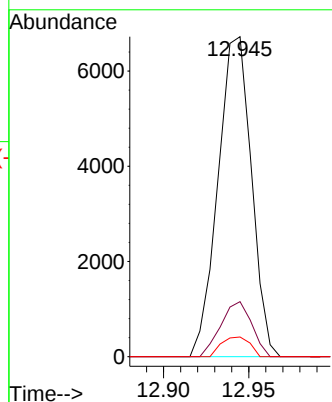
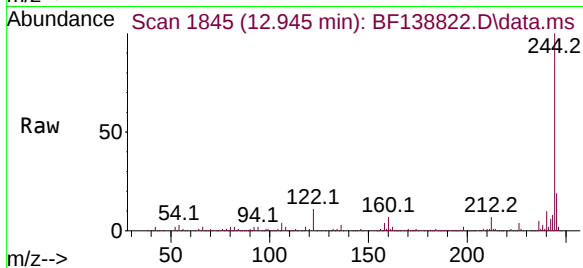
Tgt Ion:184 Resp: 9167

Ion Ratio Lower Upper

184 100

185 17.2 11.1 16.7#

183 6.1 9.6 14.4#



#79

Terphenyl-d14

Concen: 134.010 ng

RT: 12.945 min Scan# 1845

Delta R.T. -0.000 min

Lab File: BF138822.D

Acq: 06 Aug 2024 23:26

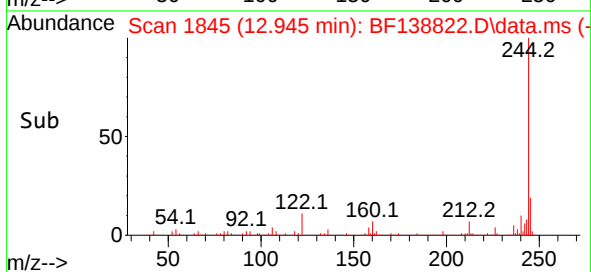
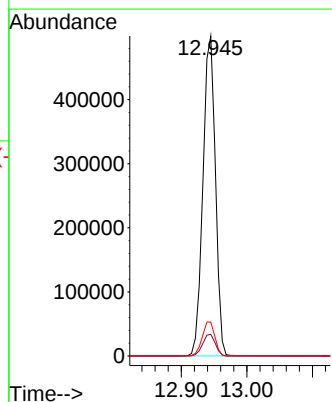
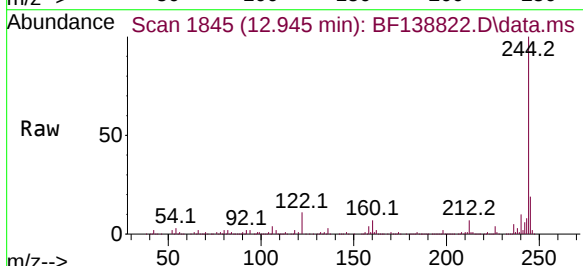
Tgt Ion:244 Resp: 662282

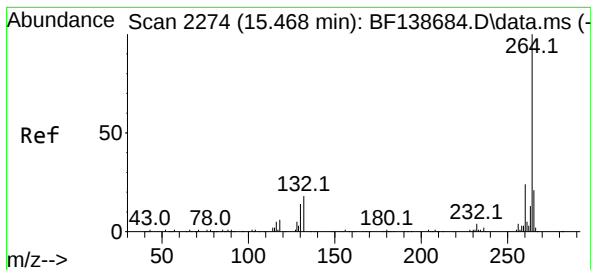
Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 10.6 9.6 14.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.456 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF138822.D
 Acq: 06 Aug 2024 23:26

Instrument :
 BNA_F
 ClientSampleId :
 P001-CF04-01RE

Tgt Ion:264	Resp:	79437
Ion	Ratio	Lower Upper
264	100	
260	23.9	19.0 28.6
265	20.2	17.0 25.6

