

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080924\
 Data File : BF138899.D
 Acq On : 09 Aug 2024 20:36
 Operator : RC/JU
 Sample : P3394-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-105-SB02

Quant Time: Aug 09 23:32:01 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)

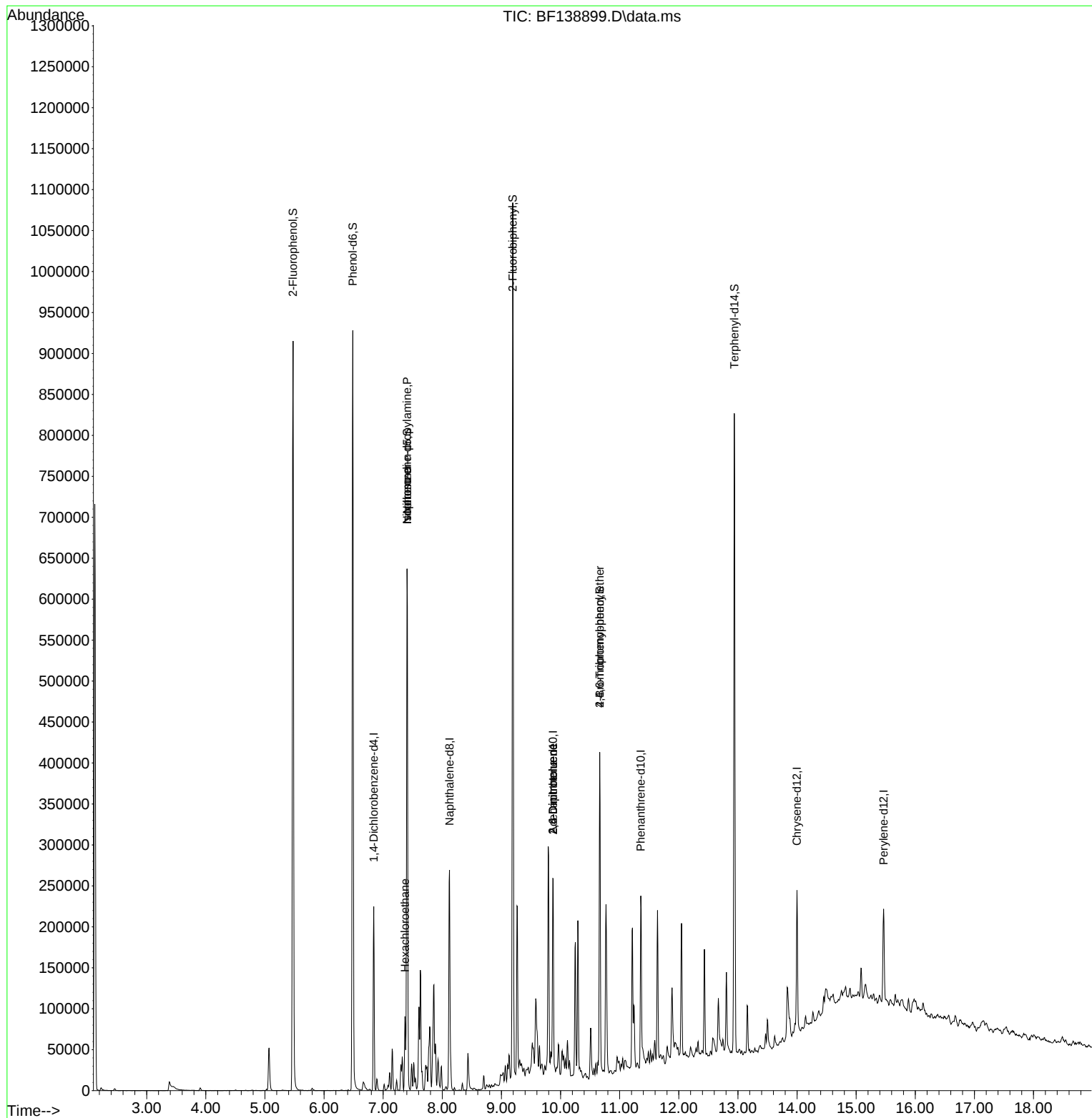
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	40485	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	153492	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	67868	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	100252	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	75202	20.000	ng	0.00
86) Perylene-d12	15.463	264	57156	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	301696	115.034	ng	0.00
7) Phenol-d6	6.487	99	397671	112.936	ng	0.00
23) Nitrobenzene-d5	7.404	82	268503	85.525	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	54862	98.685	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	436060	96.537	ng	-0.01
79) Terphenyl-d14	12.939	244	354562	78.938	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	7.369	117	4774	4.069	ng	# 1
19) n-Nitroso-di-n-propyla...	7.404	70	36544	17.183	ng	# 79
25) Isophorone	7.404	82	266704	49.751	ng	# 66
51) 2,6-Dinitrotoluene	9.875	165	9115	9.307	ng	# 19
57) 2,4-Dinitrotoluene	9.875	165	9115	7.295	ng	# 16
67) 4-Bromophenyl-phenylether	10.663	248	4215	3.883	ng	# 1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080924\
Data File : BF138899.D
Acq On : 09 Aug 2024 20:36
Operator : RC/JU
Sample : P3394-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-105-SB02

Quant Time: Aug 09 23:32:01 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

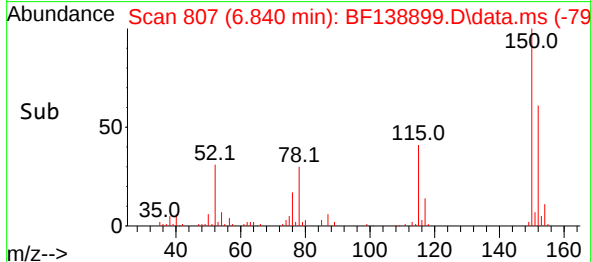
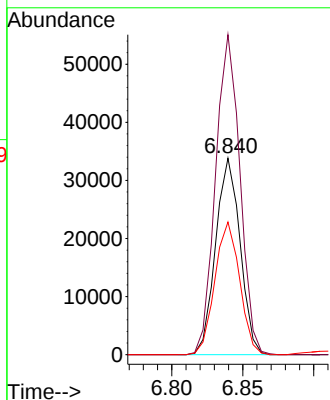
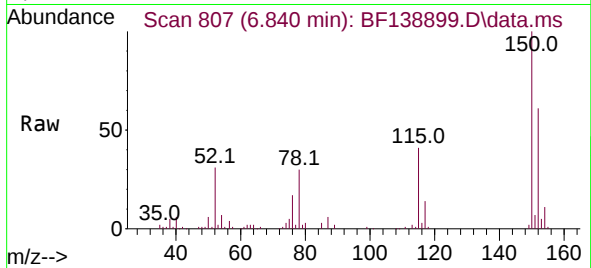




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138899.D
Acq: 09 Aug 2024 20:36

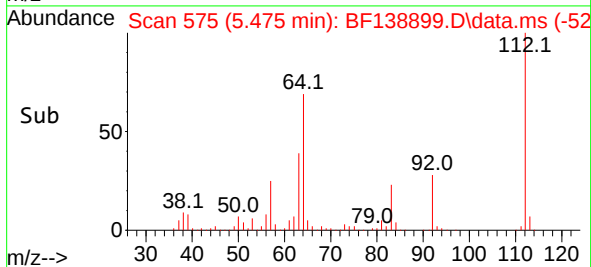
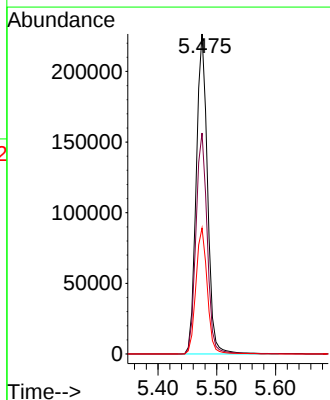
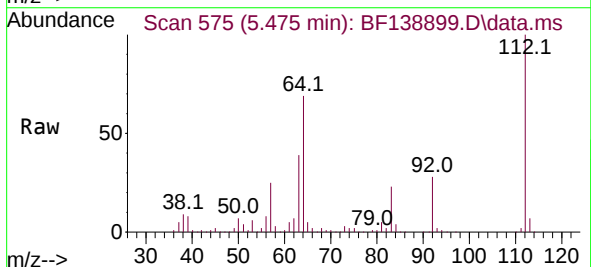
Instrument :
BNA_F
ClientSampleId :
B-105-SB02

Tgt Ion:152 Resp: 40485
Ion Ratio Lower Upper
152 100
150 162.8 126.0 189.0
115 67.5 51.7 77.5



#5
2-Fluorophenol
Concen: 115.034 ng
RT: 5.475 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF138899.D
Acq: 09 Aug 2024 20:36

Tgt Ion:112 Resp: 301696
Ion Ratio Lower Upper
112 100
64 69.0 54.2 81.4
63 39.4 28.7 43.1





#7

Phenol-d6

Concen: 112.936 ng

RT: 6.487 min Scan# 74

Delta R.T. 0.000 min

Lab File: BF138899.D

Acq: 09 Aug 2024 20:36

Instrument :

BNA_F

ClientSampleId :

B-105-SB02

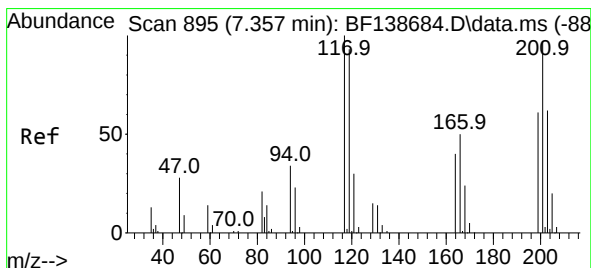
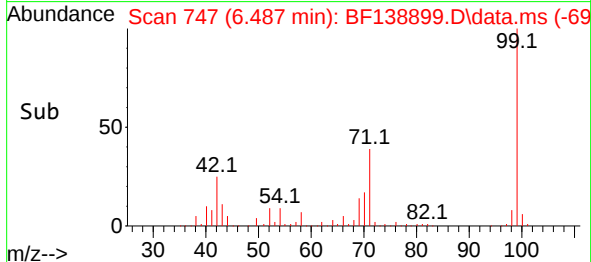
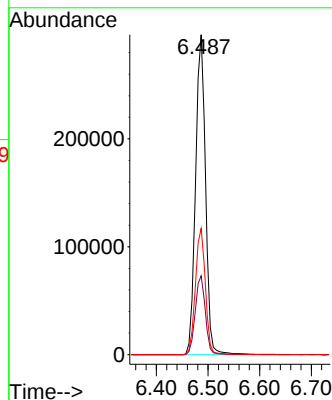
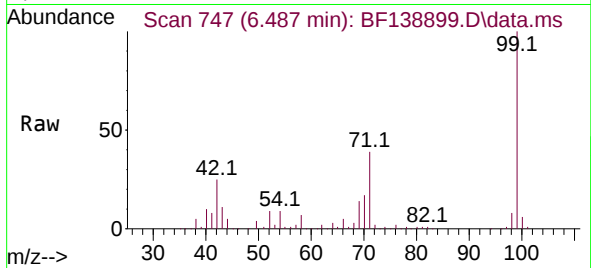
Tgt Ion: 99 Resp: 397671

Ion Ratio Lower Upper

99 100

42 24.7 17.4 26.0

71 39.5 28.1 42.1



#18

Hexachloroethane

Concen: 4.069 ng

RT: 7.369 min Scan# 897

Delta R.T. 0.012 min

Lab File: BF138899.D

Acq: 09 Aug 2024 20:36

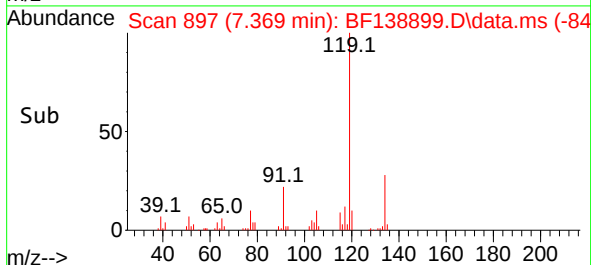
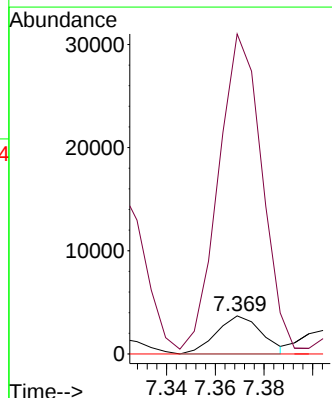
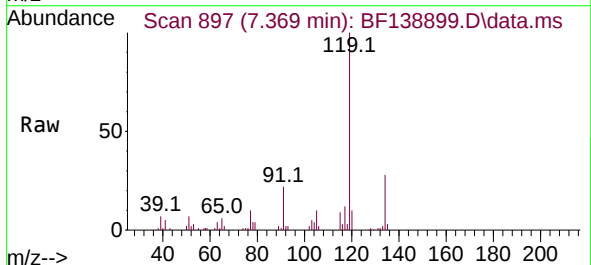
Tgt Ion: 117 Resp: 4774

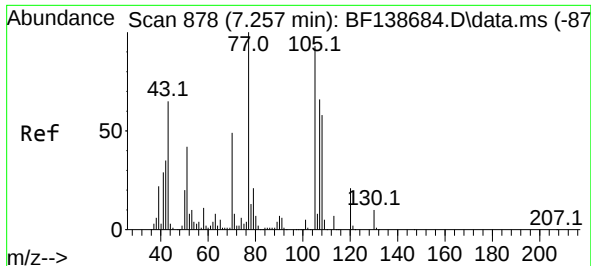
Ion Ratio Lower Upper

117 100

119 841.5 74.6 111.8#

201 0.0 77.2 115.8#

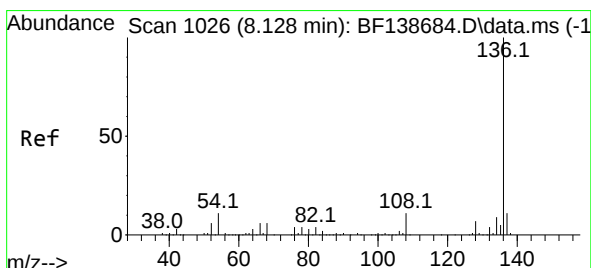
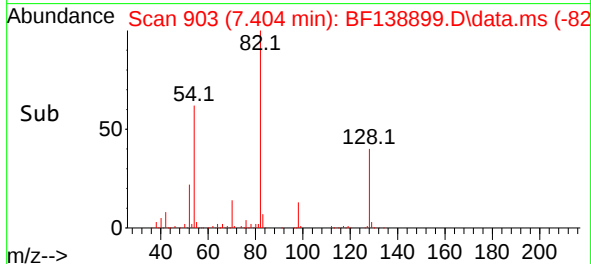
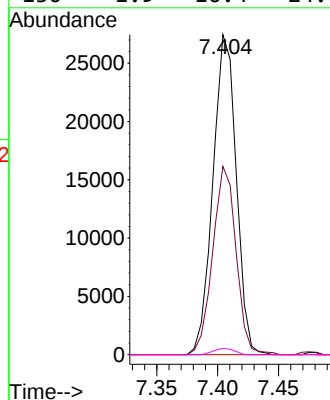
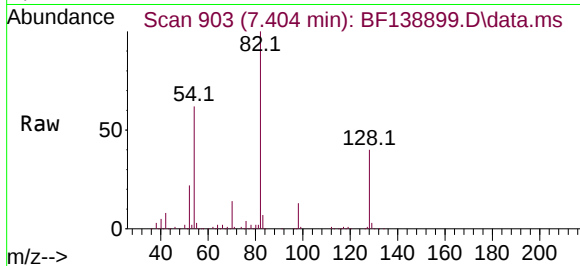




#19
n-Nitroso-di-n-propylamine
Concen: 17.183 ng
RT: 7.404 min Scan# 90
Delta R.T. 0.147 min
Lab File: BF138899.D
Acq: 09 Aug 2024 20:36

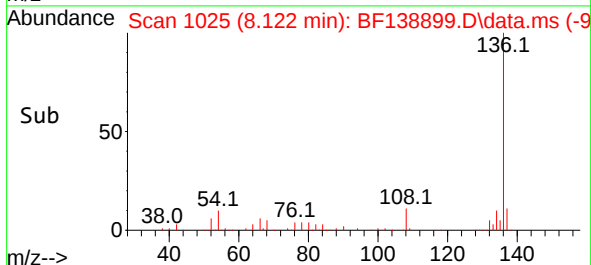
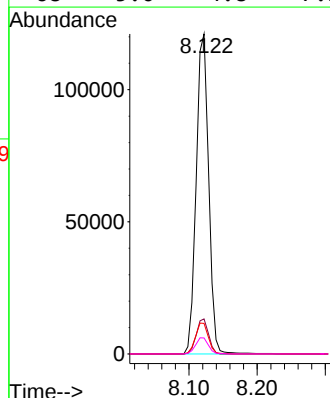
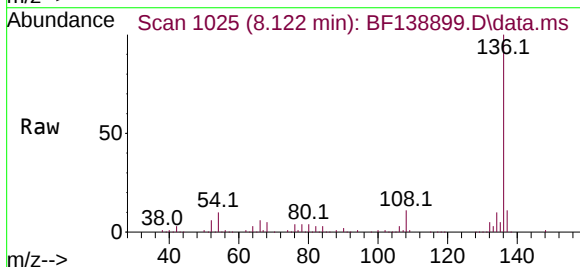
Instrument :
BNA_F
ClientSampleId :
B-105-SB02

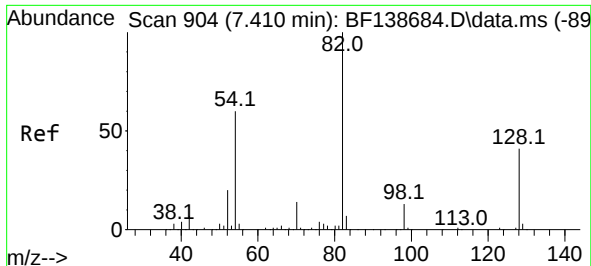
Tgt Ion:	70	Resp:	36544
Ion	Ratio	Lower	Upper
70	100		
42	58.9	57.4	86.0
101	0.0	7.5	11.3#
130	1.9	16.4	24.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138899.D
Acq: 09 Aug 2024 20:36

Tgt Ion:	136	Resp:	153492
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.6	8.6	12.8
68	5.0	4.8	7.2





#23

Nitrobenzene-d5

Concen: 85.525 ng

RT: 7.404 min Scan# 903

Delta R.T. -0.006 min

Lab File: BF138899.D

Acq: 09 Aug 2024 20:36

Instrument :

BNA_F

ClientSampleId :

B-105-SB02

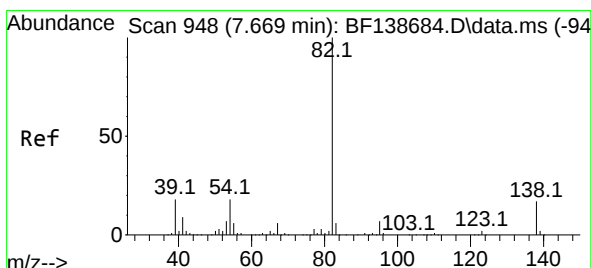
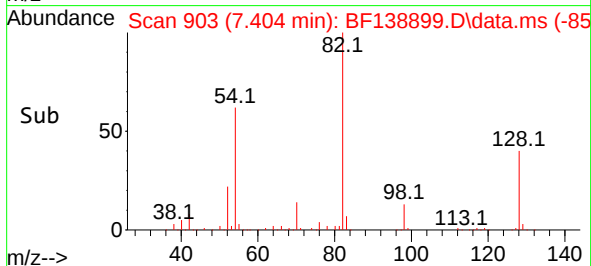
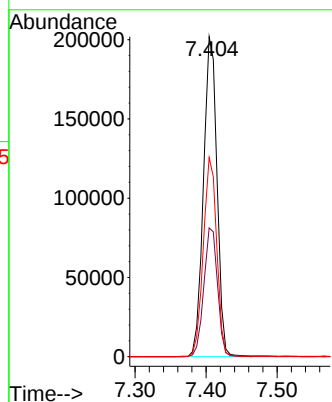
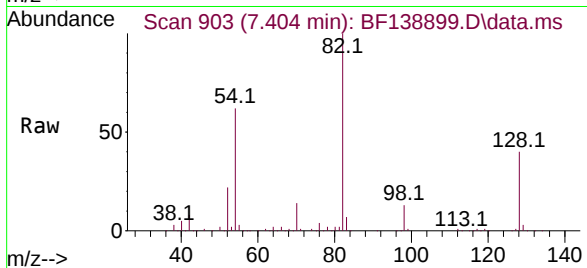
Tgt Ion: 82 Resp: 268503

Ion Ratio Lower Upper

82 100

128 40.2 32.8 49.2

54 62.3 48.3 72.5



#25

Isophorone

Concen: 49.751 ng

RT: 7.404 min Scan# 903

Delta R.T. -0.265 min

Lab File: BF138899.D

Acq: 09 Aug 2024 20:36

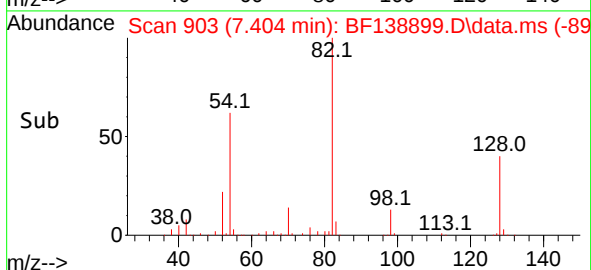
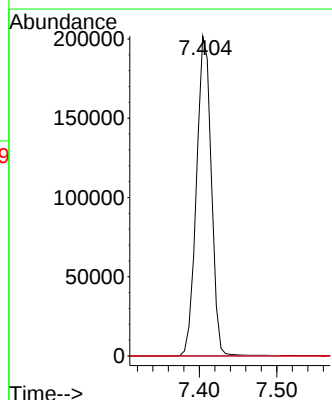
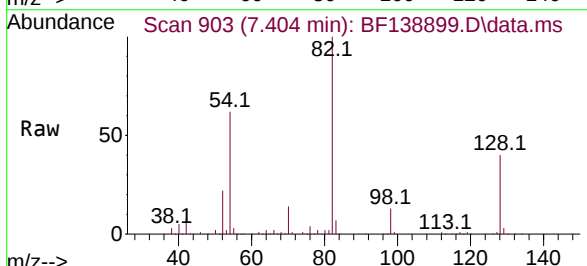
Tgt Ion: 82 Resp: 266704

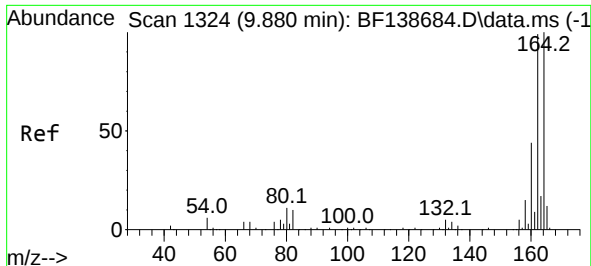
Ion Ratio Lower Upper

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# 11

Delta R.T. -0.005 min

Lab File: BF138899.D

Acq: 09 Aug 2024 20:36

Instrument :

BNA_F

ClientSampleId :

B-105-SB02

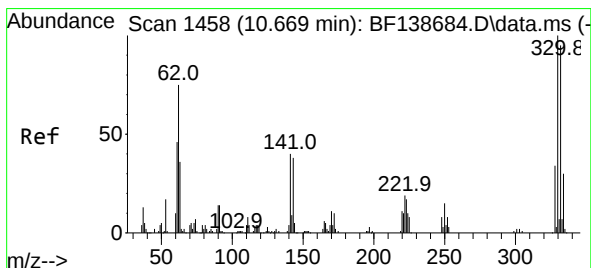
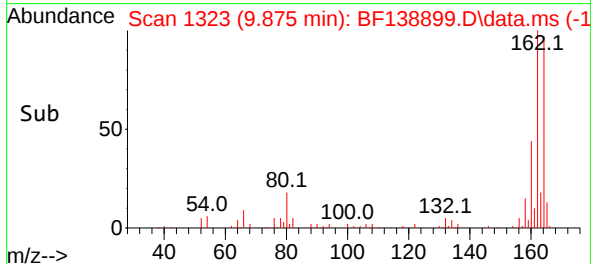
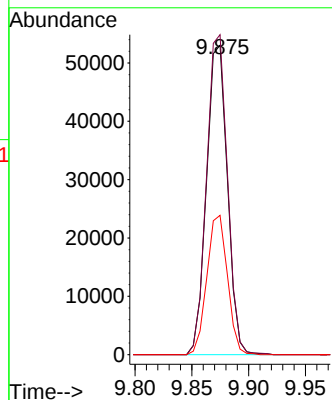
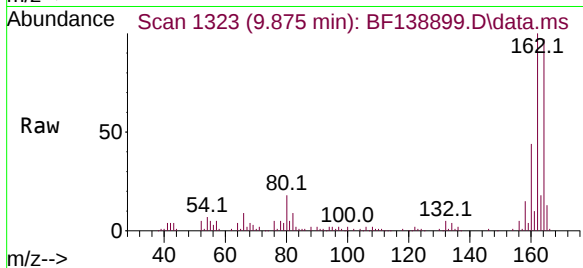
Tgt Ion:164 Resp: 67868

Ion Ratio Lower Upper

164 100

162 103.4 79.4 119.0

160 45.0 35.1 52.7



#42

2,4,6-Tribromophenol

Concen: 98.685 ng

RT: 10.663 min Scan# 1457

Delta R.T. -0.006 min

Lab File: BF138899.D

Acq: 09 Aug 2024 20:36

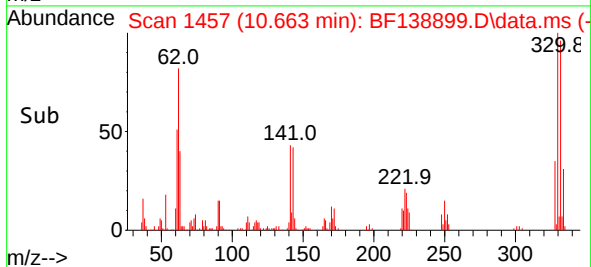
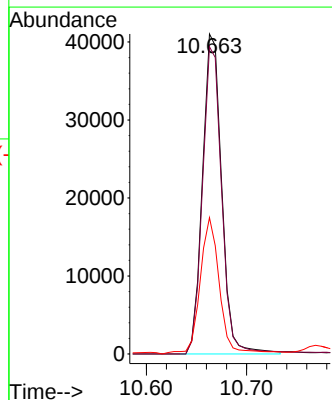
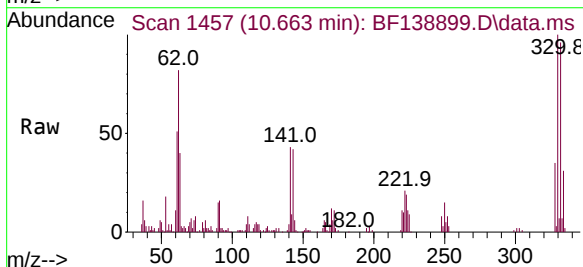
Tgt Ion:330 Resp: 54862

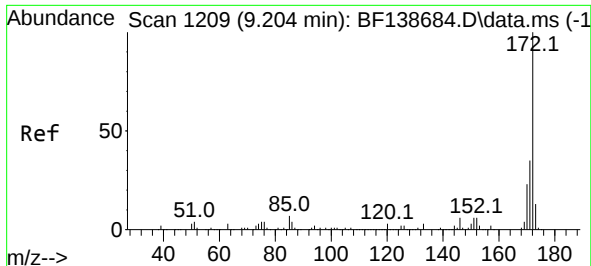
Ion Ratio Lower Upper

330 100

332 96.8 76.4 114.6

141 43.1 31.1 46.7





#45

2-Fluorobiphenyl

Concen: 96.537 ng

RT: 9.192 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138899.D

Acq: 09 Aug 2024 20:36

Instrument :

BNA_F

ClientSampleId :

B-105-SB02

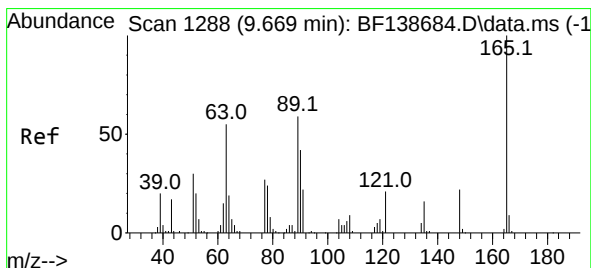
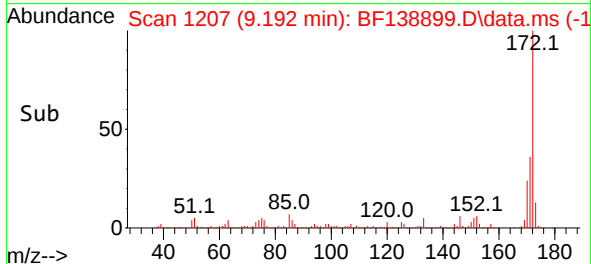
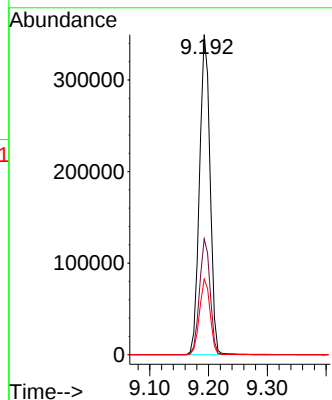
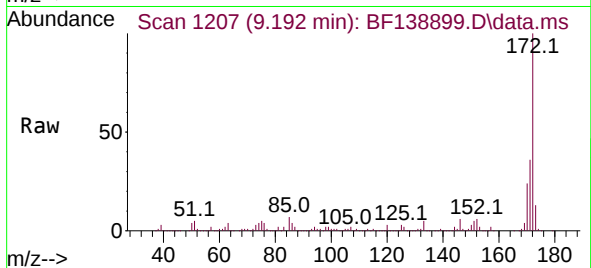
Tgt Ion:172 Resp: 436060

Ion Ratio Lower Upper

172 100

171 36.2 28.3 42.5

170 23.6 18.8 28.2



#51

2,6-Dinitrotoluene

Concen: 9.307 ng

RT: 9.875 min Scan# 1323

Delta R.T. 0.206 min

Lab File: BF138899.D

Acq: 09 Aug 2024 20:36

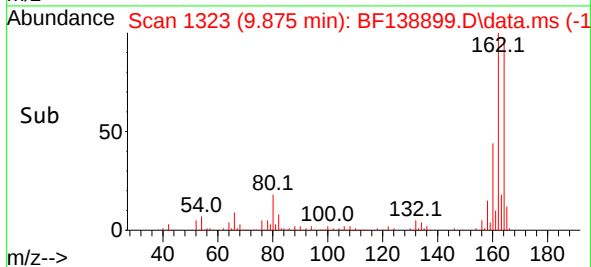
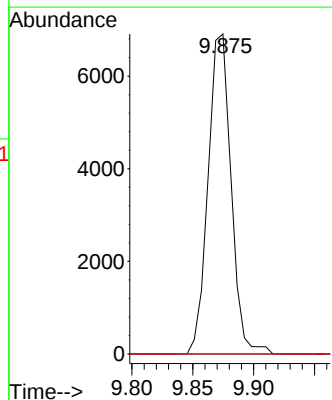
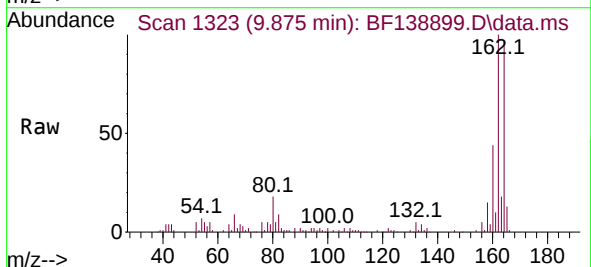
Tgt Ion:165 Resp: 9115

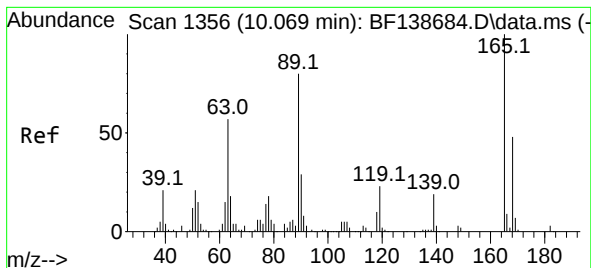
Ion Ratio Lower Upper

165 100

63 0.0 52.0 78.0#

89 0.0 47.0 70.6#

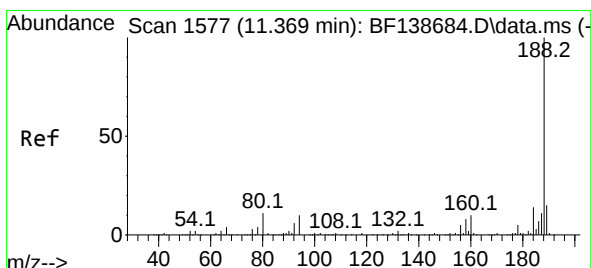
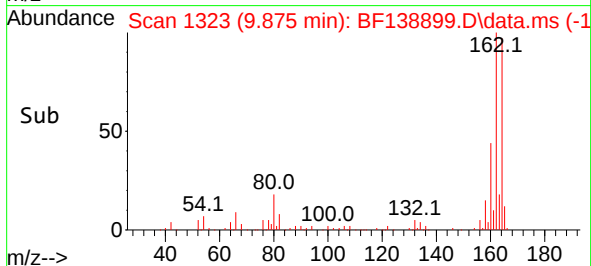
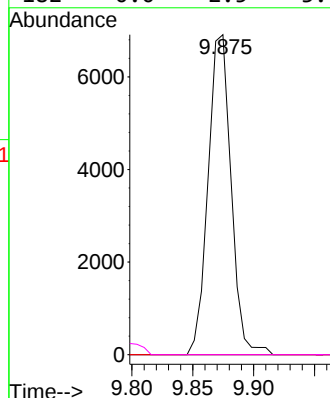
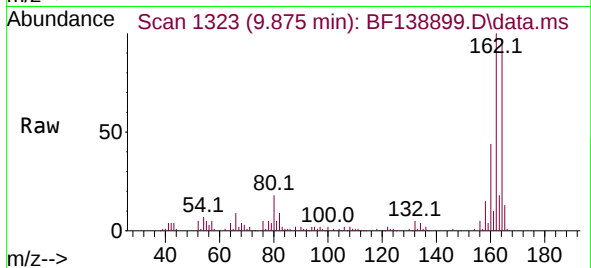




#57
2,4-Dinitrotoluene
Concen: 7.295 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF138899.D
Acq: 09 Aug 2024 20:36

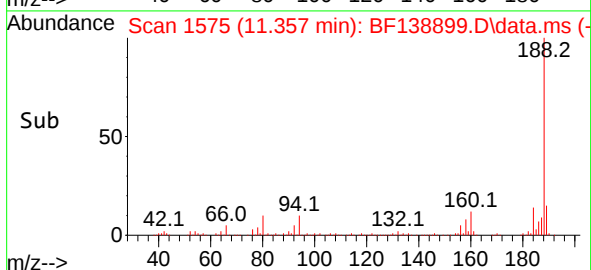
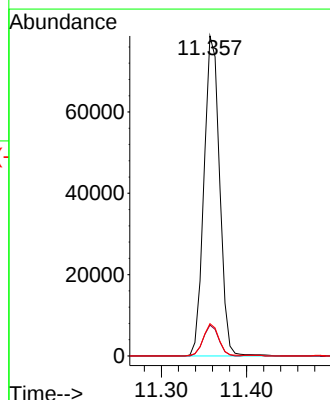
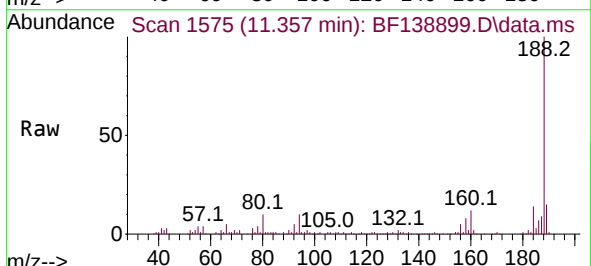
Instrument :
BNA_F
ClientSampleId :
B-105-SB02

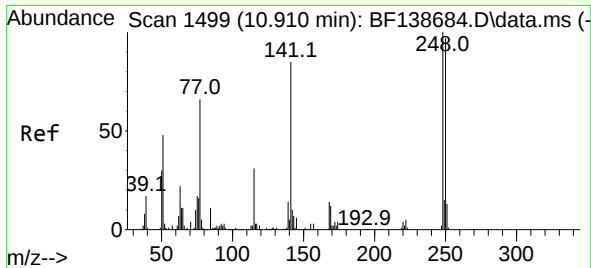
Tgt Ion:165	Resp:	9115
Ion Ratio	Lower	Upper
165	100	
63	0.0	46.3 69.5#
89	0.0	64.2 96.4#
182	0.0	2.5 3.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BF138899.D
Acq: 09 Aug 2024 20:36

Tgt Ion:188	Resp:	100252
Ion Ratio	Lower	Upper
188	100	
94	9.6	7.6 11.4
80	10.1	8.6 12.8

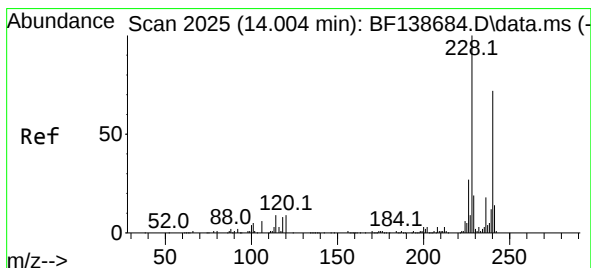
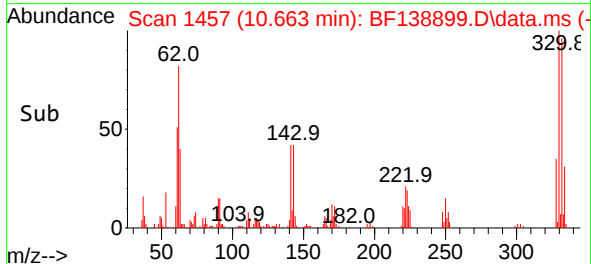
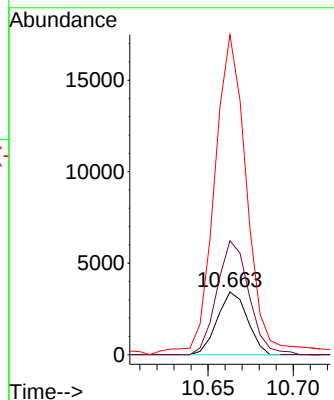
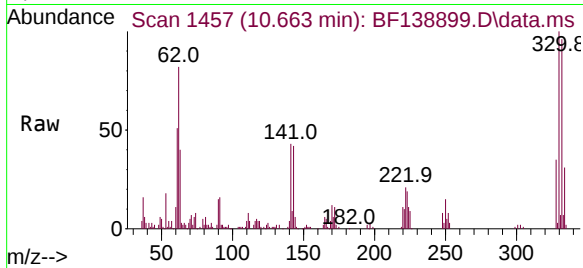




#67
4-Bromophenyl-phenylether
Concen: 3.883 ng
RT: 10.663 min Scan# 1499
Delta R.T. -0.247 min
Lab File: BF138899.D
Acq: 09 Aug 2024 20:36

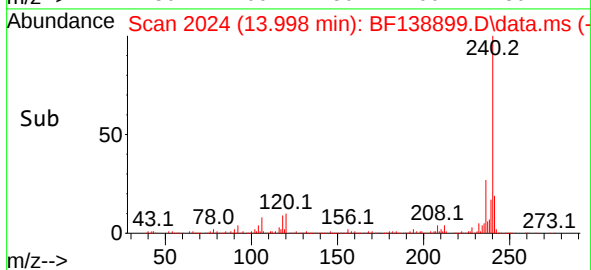
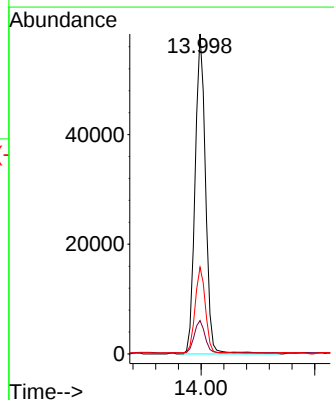
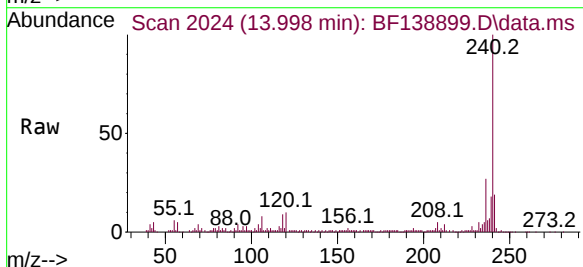
Instrument :
BNA_F
ClientSampleId :
B-105-SB02

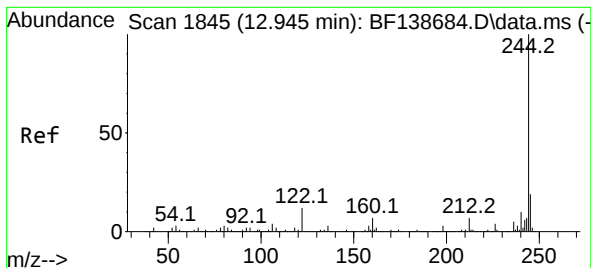
Tgt Ion:248 Resp: 4215
Ion Ratio Lower Upper
248 100
250 181.5 77.7 116.5#
141 509.7 68.0 102.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138899.D
Acq: 09 Aug 2024 20:36

Tgt Ion:240 Resp: 75202
Ion Ratio Lower Upper
240 100
120 10.5 10.2 15.4
236 27.1 19.8 29.8





#79

Terphenyl-d14

Concen: 78.938 ng

RT: 12.939 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138899.D

Acq: 09 Aug 2024 20:36

Instrument :

BNA_F

ClientSampleId :

B-105-SB02

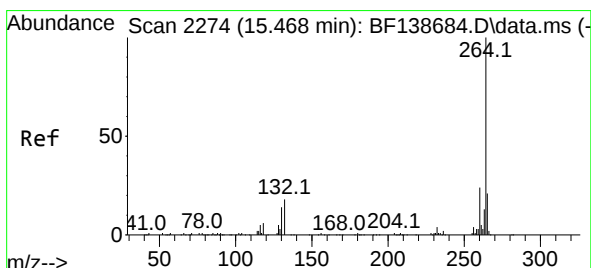
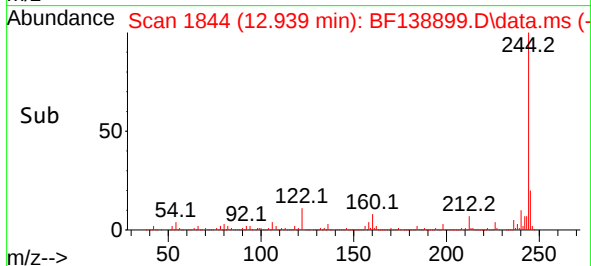
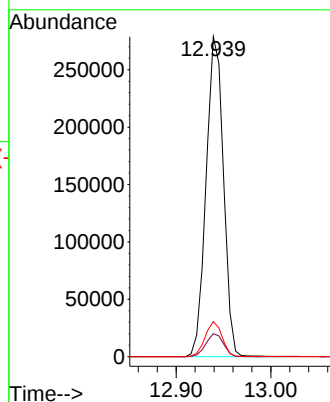
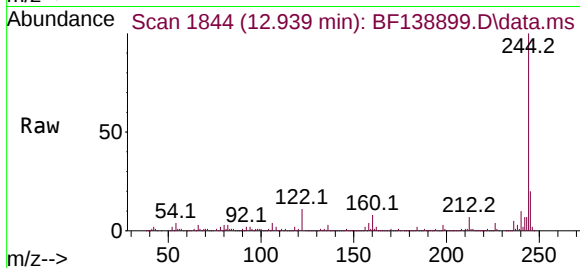
Tgt Ion:244 Resp: 354562

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.2

122 11.0 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: BF138899.D

Acq: 09 Aug 2024 20:36

Tgt Ion:264 Resp: 57156

Ion Ratio Lower Upper

264 100

260 22.6 19.0 28.6

265 22.5 17.0 25.6

