

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080924\
 Data File : BF138888.D
 Acq On : 09 Aug 2024 14:59
 Operator : RC/JU
 Sample : P3468-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDW-S1-01

Quant Time: Aug 09 15:22:21 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)

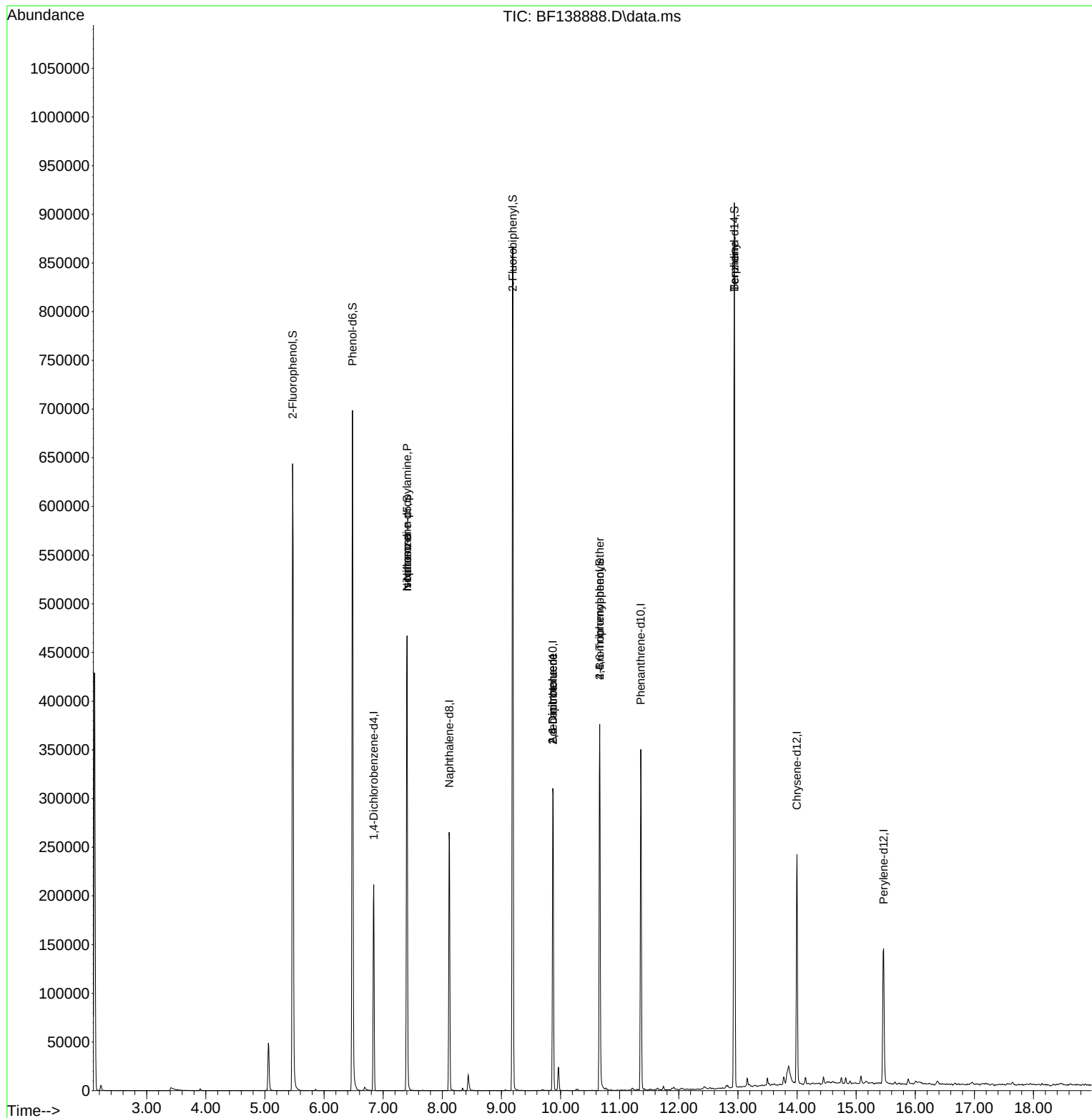
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	39776	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	160965	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	93057	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	178472	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	110143	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	86334	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	218063	84.627	ng	0.00
7) Phenol-d6	6.481	99	296901	85.821	ng	0.00
23) Nitrobenzene-d5	7.404	82	195730	59.451	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	54819	71.916	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	357106	57.658	ng	-0.01
79) Terphenyl-d14	12.939	244	418986	63.689	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	26996	12.920	ng	# 78
25) Isophorone	7.404	82	195729	34.816	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	11780	8.772	ng	# 19
57) 2,4-Dinitrotoluene	9.869	165	11780	6.876	ng	# 16
67) 4-Bromophenyl-phenylether	10.663	248	3982	2.061	ng	# 1
77) Benzidine	12.939	184	5842	2.218	ng	# 88

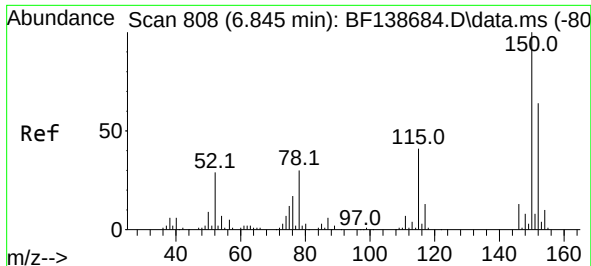
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080924\
Data File : BF138888.D
Acq On : 09 Aug 2024 14:59
Operator : RC/JU
Sample : P3468-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDW-S1-01

Quant Time: Aug 09 15:22:21 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

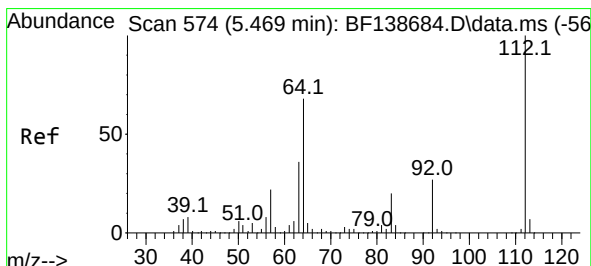
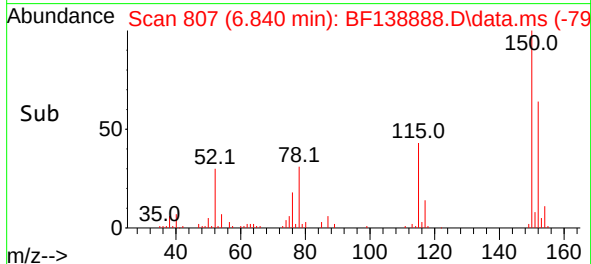
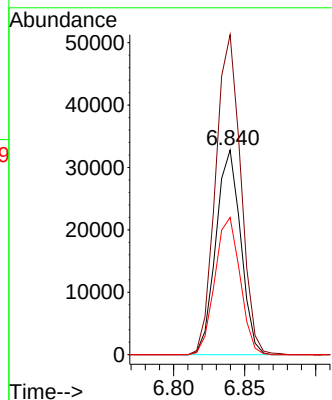
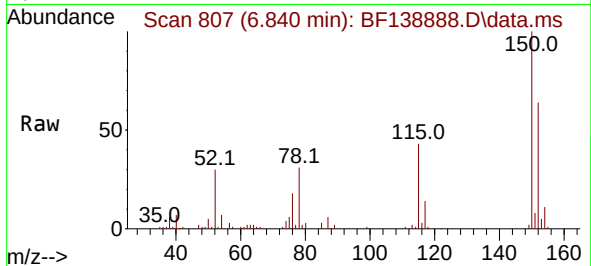




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF138888.D
Acq: 09 Aug 2024 14:59

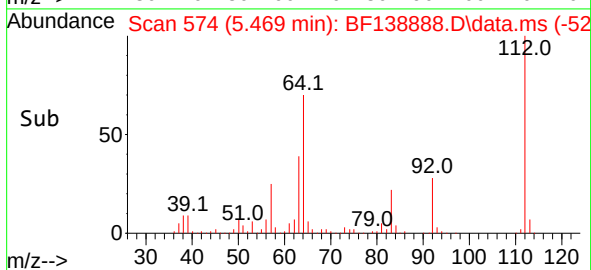
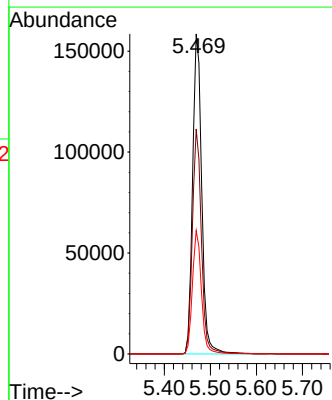
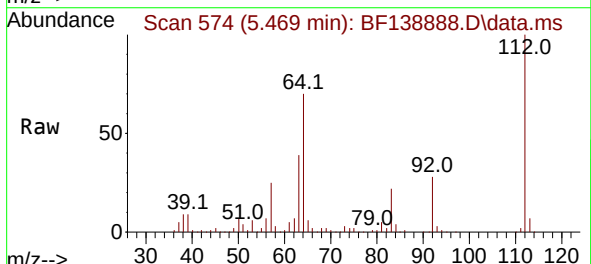
Instrument :
BNA_F
ClientSampleId :
IDW-S1-01

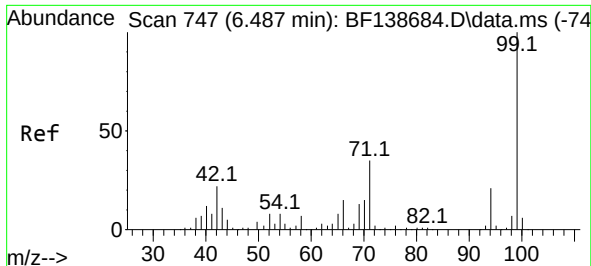
Tgt Ion:152 Resp: 39776
Ion Ratio Lower Upper
152 100
150 156.4 126.0 189.0
115 67.0 51.7 77.5



#5
2-Fluorophenol
Concen: 84.627 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138888.D
Acq: 09 Aug 2024 14:59

Tgt Ion:112 Resp: 218063
Ion Ratio Lower Upper
112 100
64 70.3 54.2 81.4
63 38.6 28.7 43.1

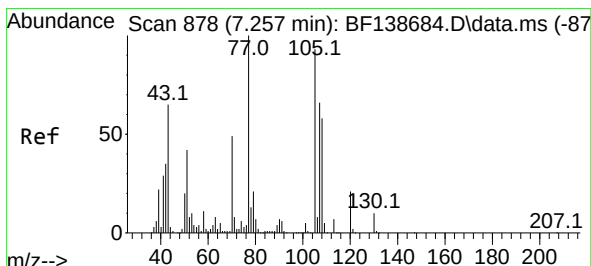
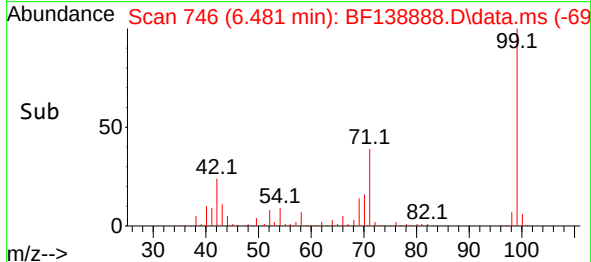
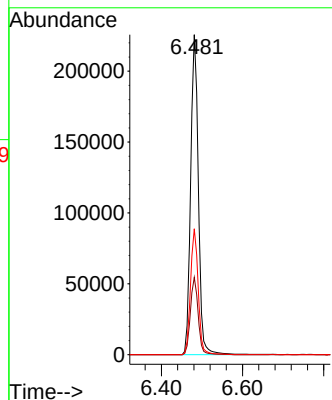
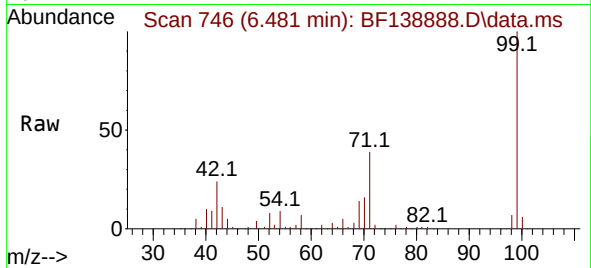




#7
Phenol-d6
Concen: 85.821 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138888.D
Acq: 09 Aug 2024 14:59

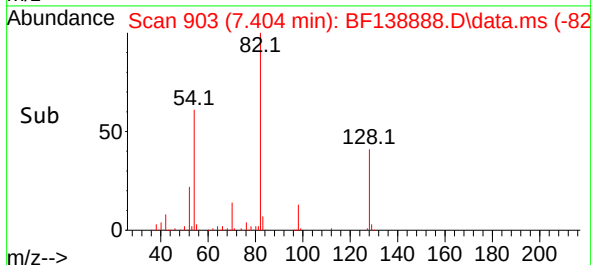
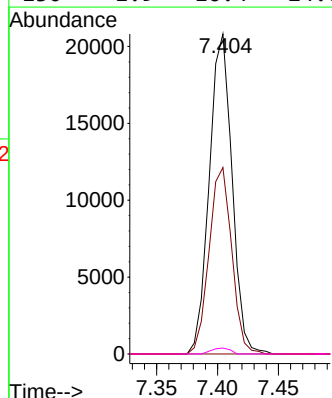
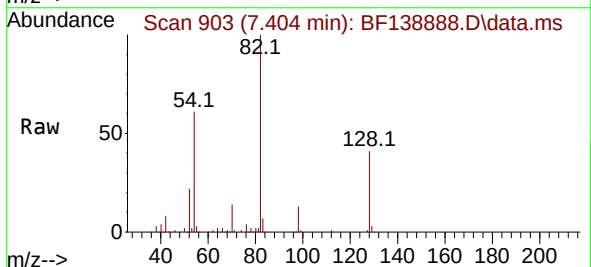
Instrument :
BNA_F
ClientSampleId :
IDW-S1-01

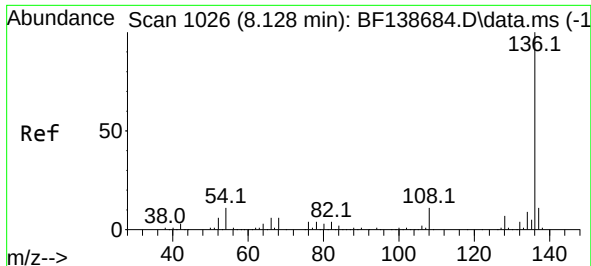
Tgt Ion: 99 Resp: 296901
Ion Ratio Lower Upper
99 100
42 24.1 17.4 26.0
71 39.3 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 12.920 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138888.D
Acq: 09 Aug 2024 14:59

Tgt Ion: 70 Resp: 26996
Ion Ratio Lower Upper
70 100
42 58.3 57.4 86.0
101 0.0 7.5 11.3#
130 1.9 16.4 24.6#

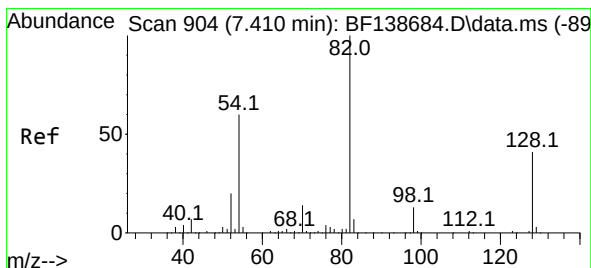
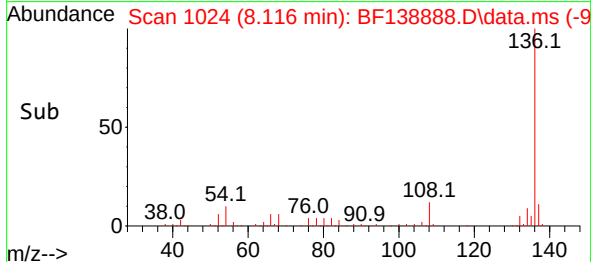
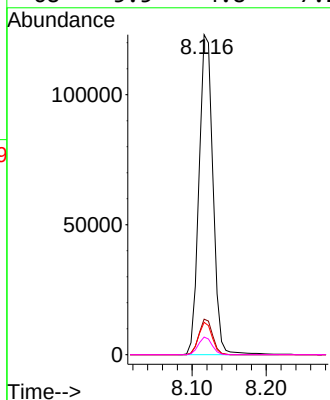
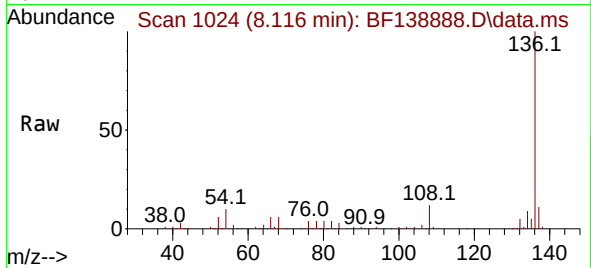




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF138888.D
Acq: 09 Aug 2024 14:59

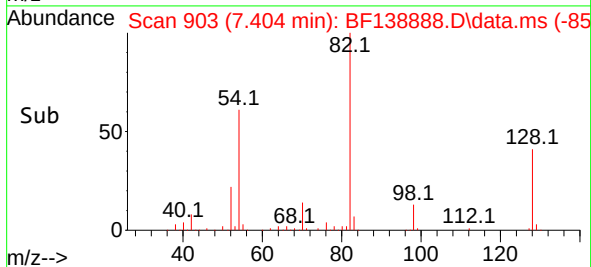
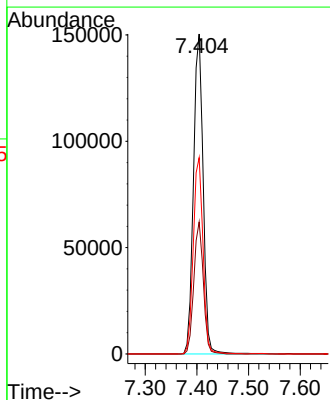
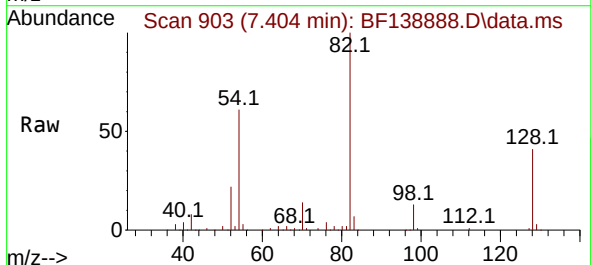
Instrument :
BNA_F
ClientSampleId :
IDW-S1-01

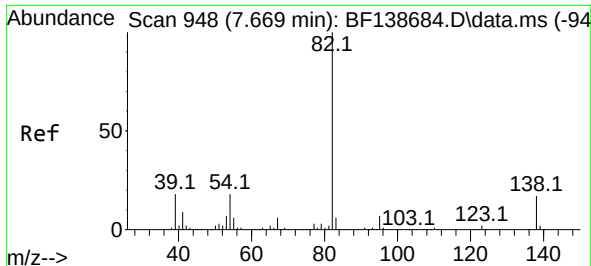
Tgt Ion:	136	Resp:	160965
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	10.1	8.6	12.8
68	5.5	4.8	7.2



#23
Nitrobenzene-d5
Concen: 59.451 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138888.D
Acq: 09 Aug 2024 14:59

Tgt Ion:	82	Resp:	195730
Ion Ratio	Lower	Upper	
82	100		
128	41.2	32.8	49.2
54	61.3	48.3	72.5

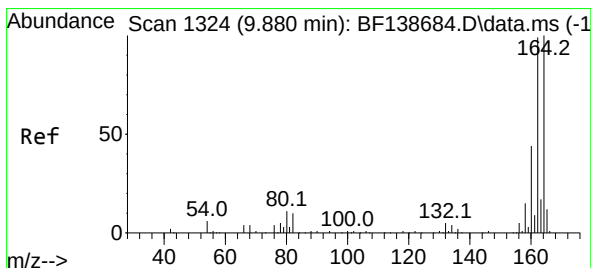
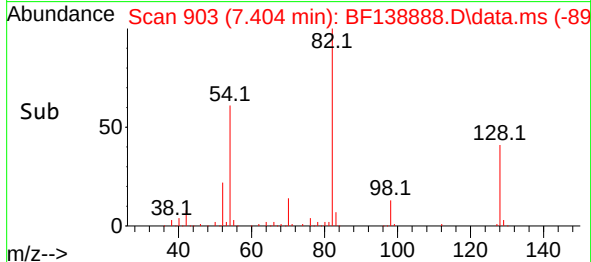
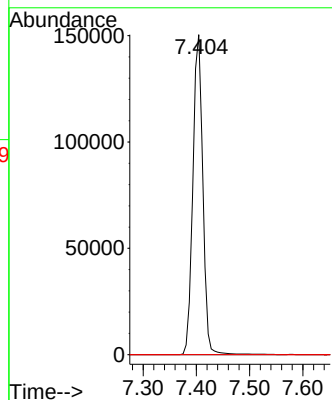
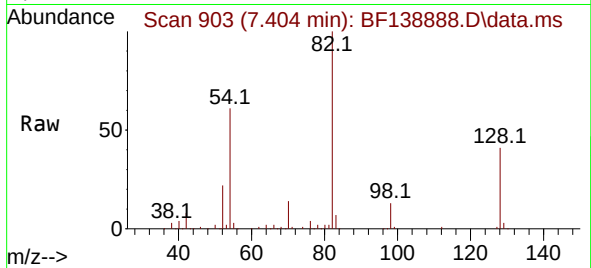




#25
Isophorone
Concen: 34.816 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138888.D
Acq: 09 Aug 2024 14:59

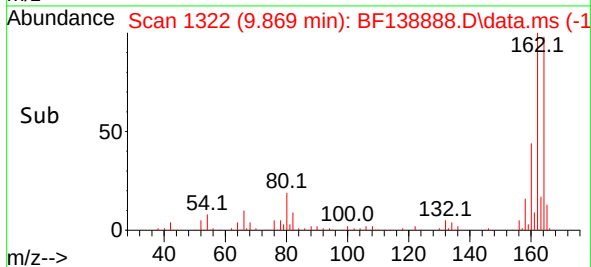
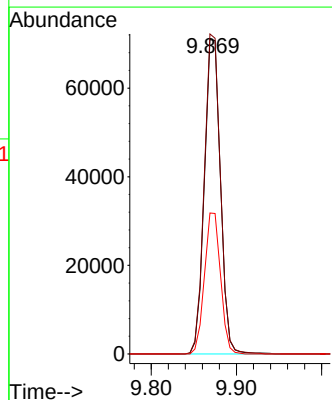
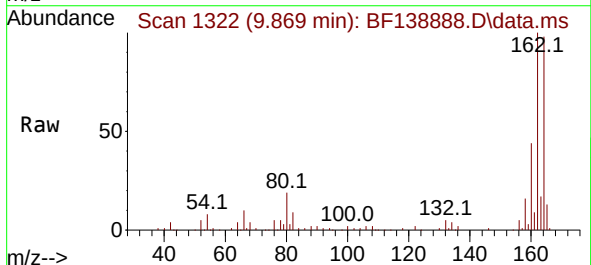
Instrument :
BNA_F
ClientSampleId :
IDW-S1-01

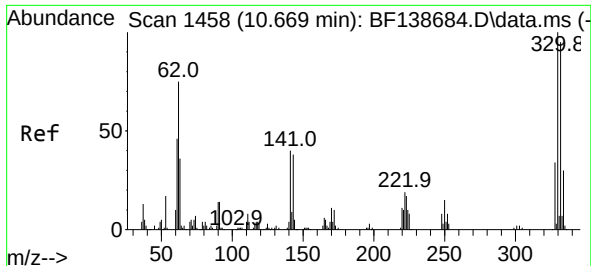
Tgt Ion: 82 Resp: 195729
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF138888.D
Acq: 09 Aug 2024 14:59

Tgt Ion:164 Resp: 93057
Ion Ratio Lower Upper
164 100
162 101.8 79.4 119.0
160 44.8 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 71.916 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF138888.D

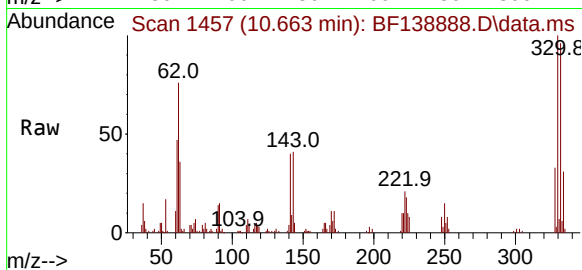
Acq: 09 Aug 2024 14:59

Instrument :

BNA_F

ClientSampleId :

IDW-S1-01



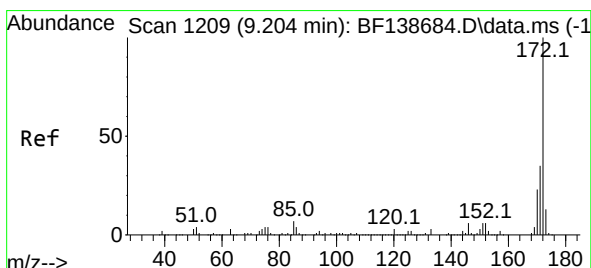
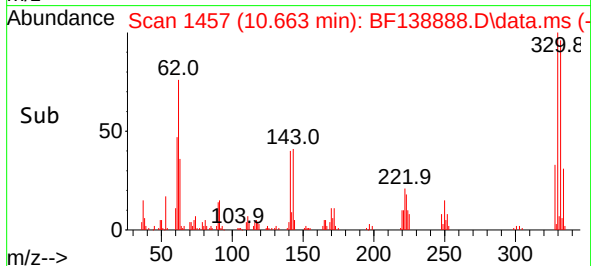
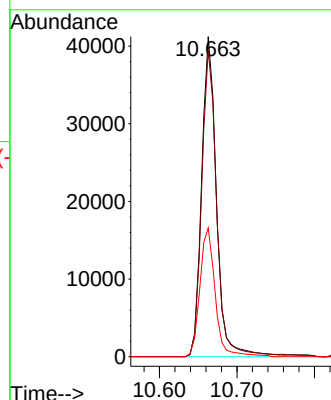
Tgt Ion:330 Resp: 54819

Ion Ratio Lower Upper

330 100

332 97.5 76.4 114.6

141 41.4 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 57.658 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BF138888.D

Acq: 09 Aug 2024 14:59

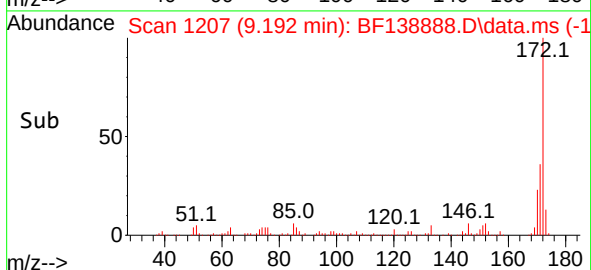
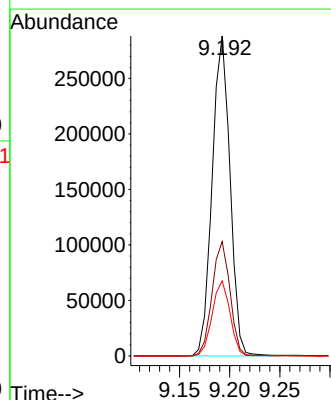
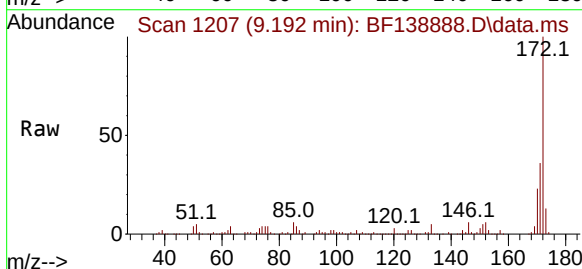
Tgt Ion:172 Resp: 357106

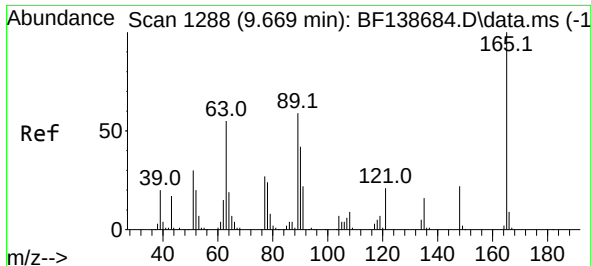
Ion Ratio Lower Upper

172 100

171 35.8 28.3 42.5

170 23.5 18.8 28.2

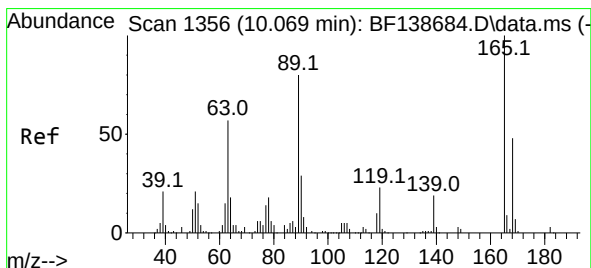
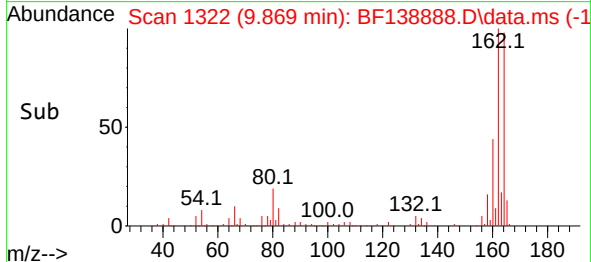
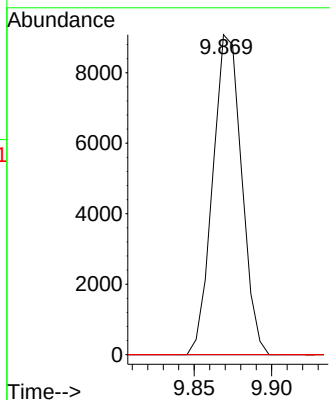
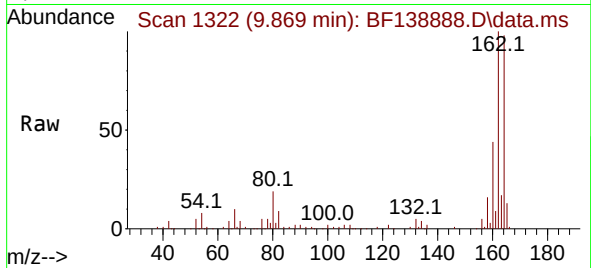




#51
2,6-Dinitrotoluene
Concen: 8.772 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138888.D
Acq: 09 Aug 2024 14:59

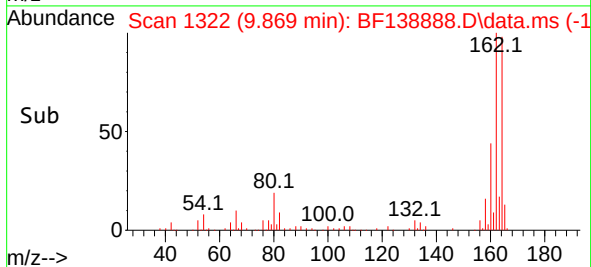
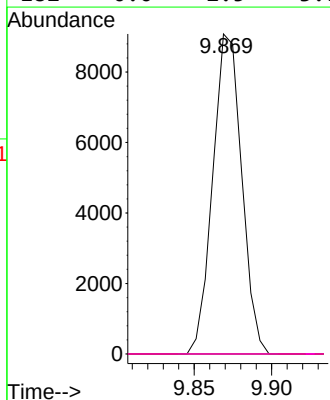
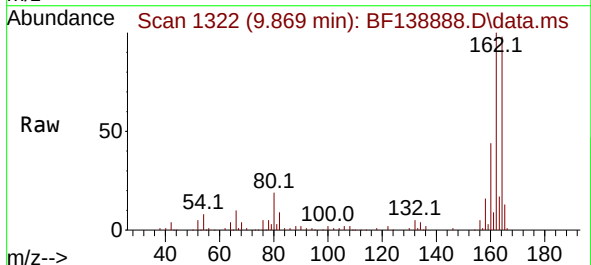
Instrument :
BNA_F
ClientSampleId :
IDW-S1-01

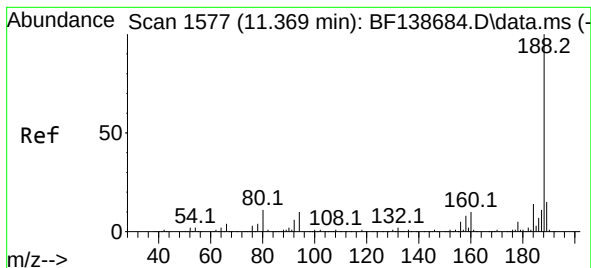
Tgt Ion:165 Resp: 11780
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 0.0 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 6.876 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF138888.D
Acq: 09 Aug 2024 14:59

Tgt Ion:165 Resp: 11780
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: BF138888.D

Acq: 09 Aug 2024 14:59

Instrument :

BNA_F

ClientSampleId :

IDW-S1-01

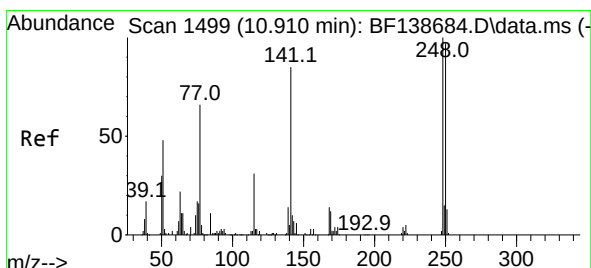
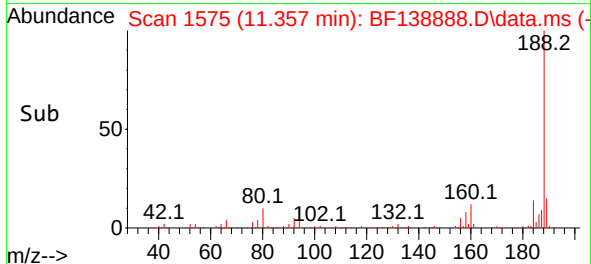
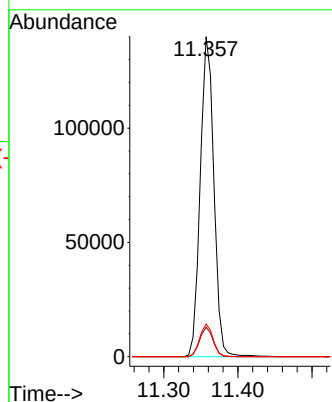
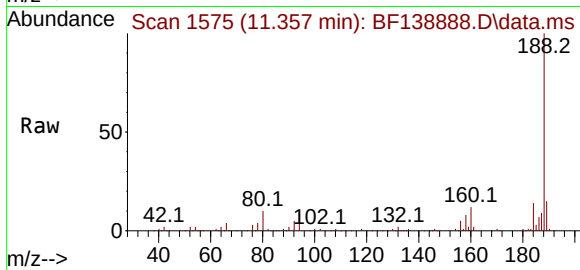
Tgt Ion:188 Resp: 178472

Ion Ratio Lower Upper

188 100

94 9.2 7.6 11.4

80 10.2 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 2.061 ng

RT: 10.663 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF138888.D

Acq: 09 Aug 2024 14:59

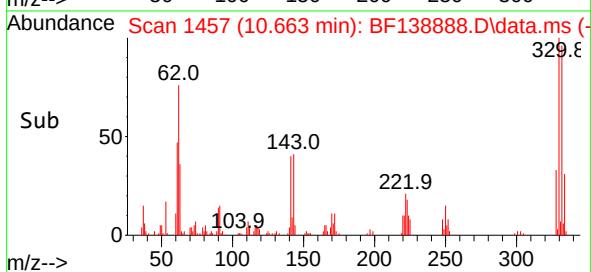
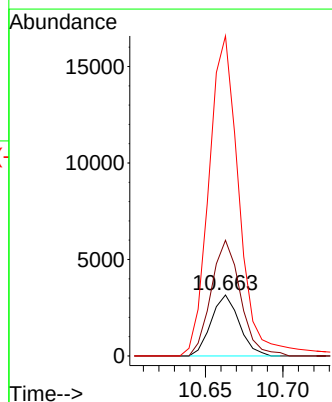
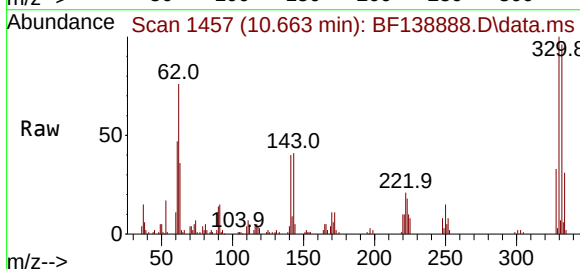
Tgt Ion:248 Resp: 3982

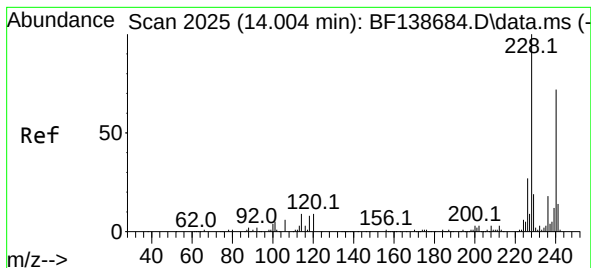
Ion Ratio Lower Upper

248 100

250 189.7 77.7 116.5#

141 525.0 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: BF138888.D

Acq: 09 Aug 2024 14:59

Instrument :

BNA_F

ClientSampleId :

IDW-S1-01

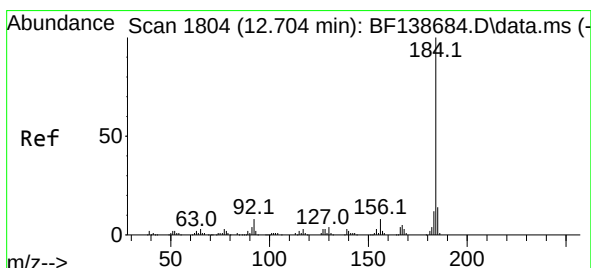
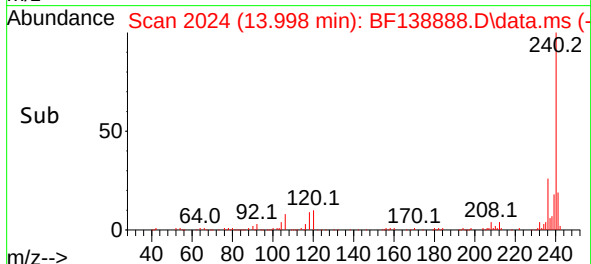
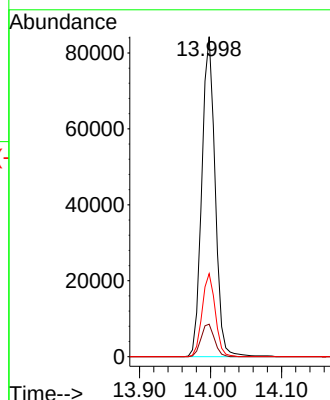
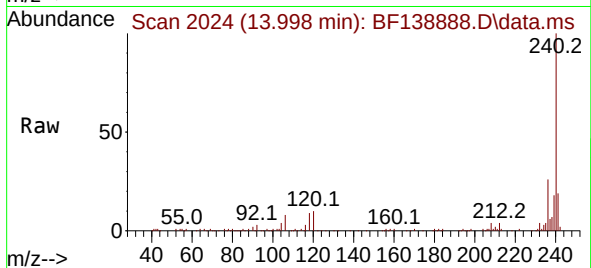
Tgt Ion:240 Resp: 110143

Ion Ratio Lower Upper

240 100

120 10.2 10.2 15.4#

236 25.9 19.8 29.8



#77

Benzdine

Concen: 2.218 ng

RT: 12.939 min Scan# 1844

Delta R.T. 0.235 min

Lab File: BF138888.D

Acq: 09 Aug 2024 14:59

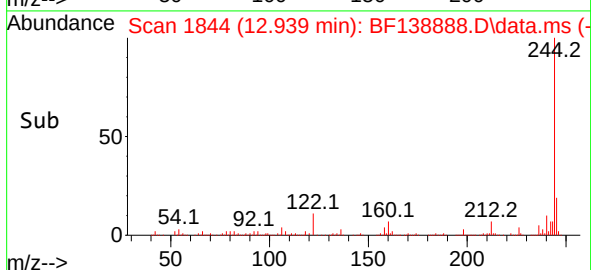
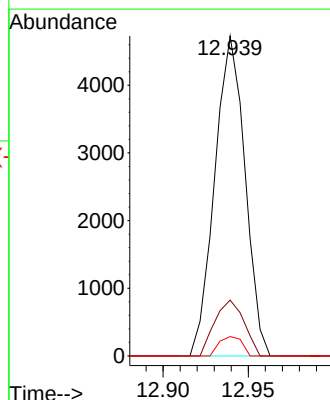
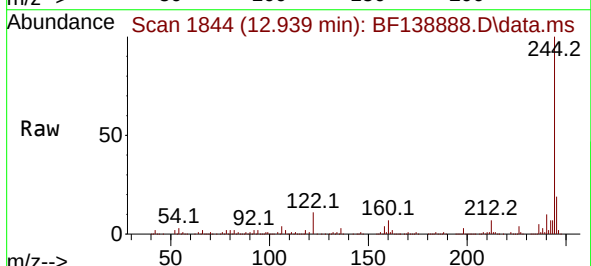
Tgt Ion:184 Resp: 5842

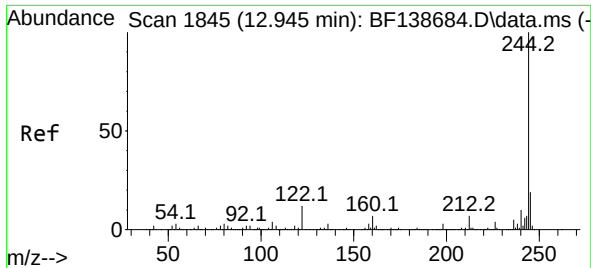
Ion Ratio Lower Upper

184 100

185 17.4 11.1 16.7#

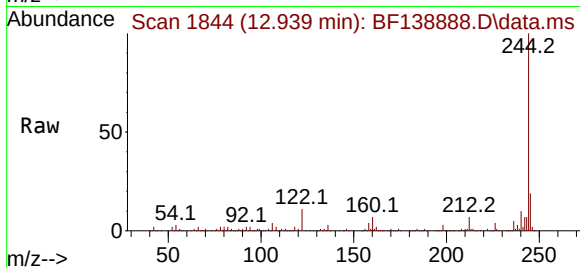
183 6.1 9.6 14.4#



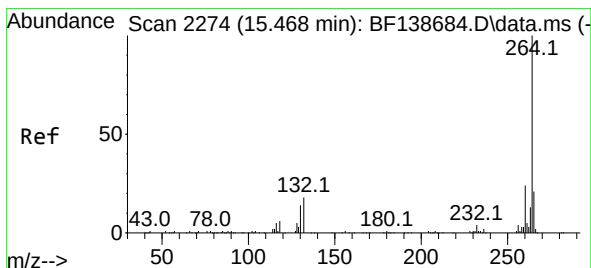
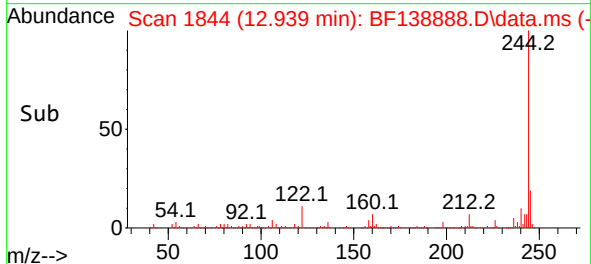
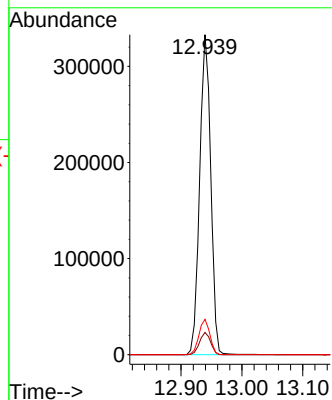


#79
 Terphenyl-d14
 Concen: 63.689 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF138888.D
 Acq: 09 Aug 2024 14:59

Instrument :
 BNA_F
 ClientSampleId :
 IDW-S1-01



Tgt Ion:244 Resp: 418986
 Ion Ratio Lower Upper
 244 100
 212 7.0 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: BF138888.D
 Acq: 09 Aug 2024 14:59

Tgt Ion:264 Resp: 86334
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.6
 265 22.1 17.0 25.6

