

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081324\
 Data File : BF138986.D
 Acq On : 13 Aug 2024 21:34
 Operator : RC/JU
 Sample : P3536-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MANHOLE

Quant Time: Aug 14 00:38:20 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)

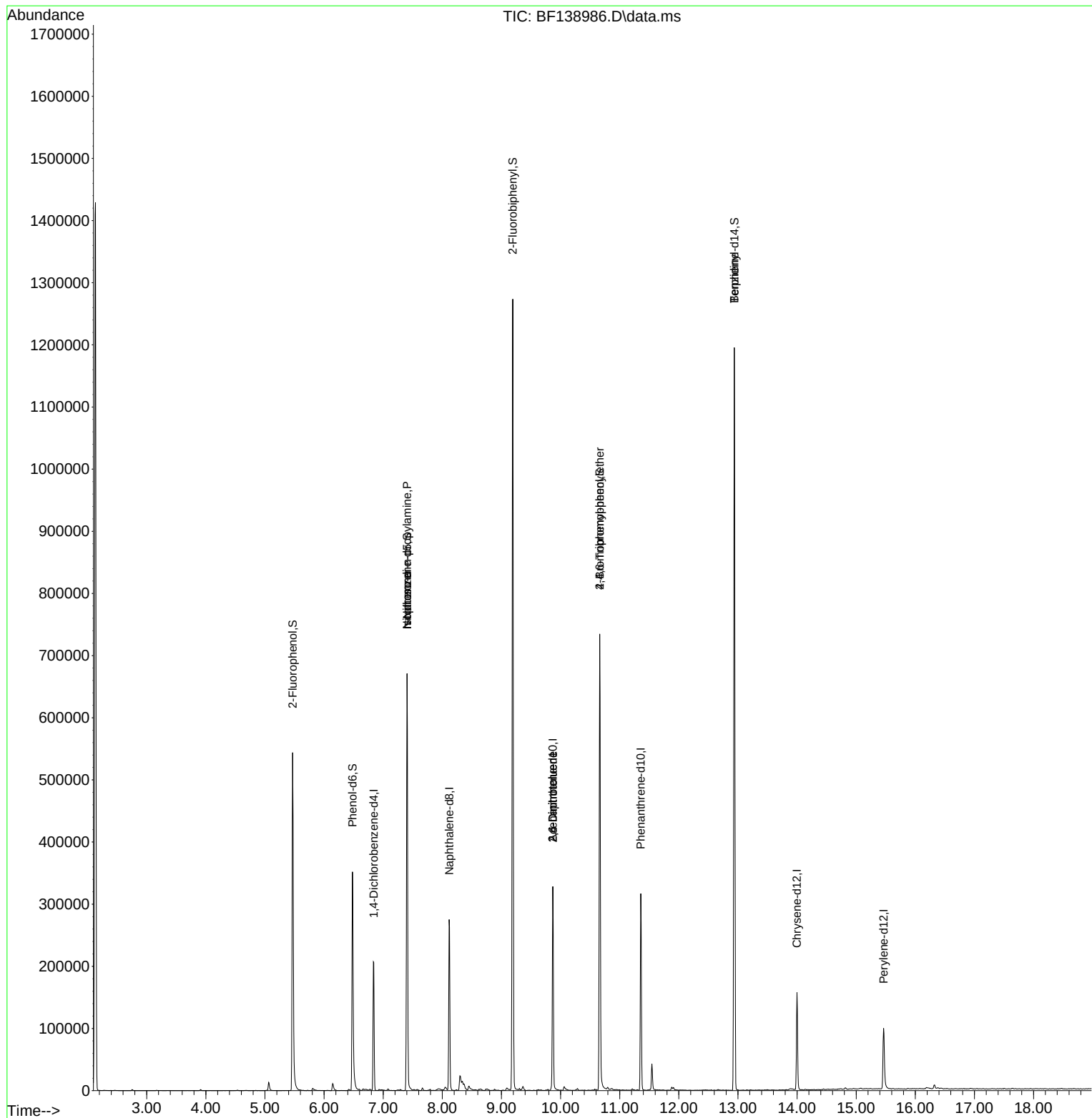
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	39196	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	163893	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	93321	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	160967	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	75726	20.000	ng	0.00
86) Perylene-d12	15.463	264	66930	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	186505	73.451	ng	0.00
7) Phenol-d6	6.481	99	159845	46.888	ng	0.00
23) Nitrobenzene-d5	7.404	82	283420	84.548	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	108772	142.293	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	526142	84.711	ng	-0.01
79) Terphenyl-d14	12.939	244	554513	122.600	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	39170	19.023	ng	# 80
25) Isophorone	7.404	82	283417	49.514	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	11840	8.792	ng	# 20
57) 2,4-Dinitrotoluene	9.869	165	11840	6.891	ng	# 17
67) 4-Bromophenyl-phenylether	10.663	248	7674	4.403	ng	# 1
77) Benzidine	12.939	184	7501	4.141	ng	# 89

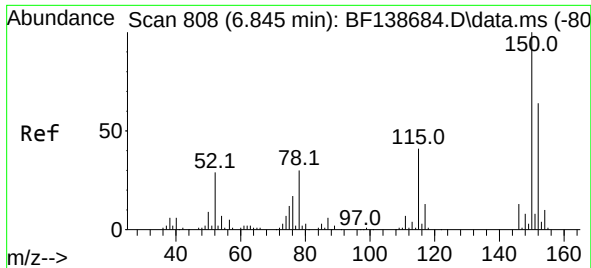
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

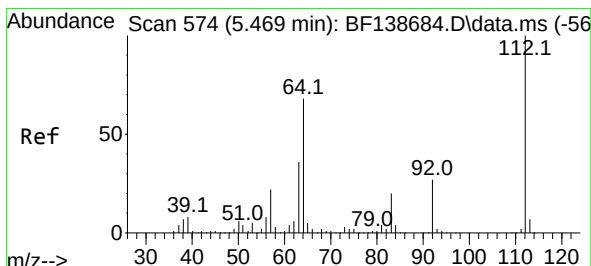
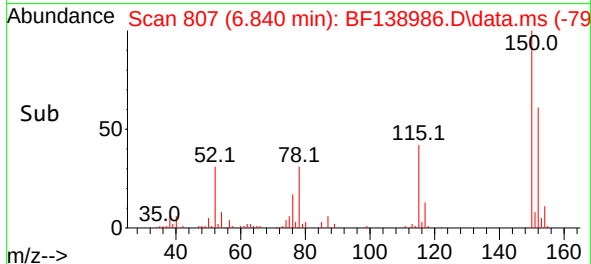
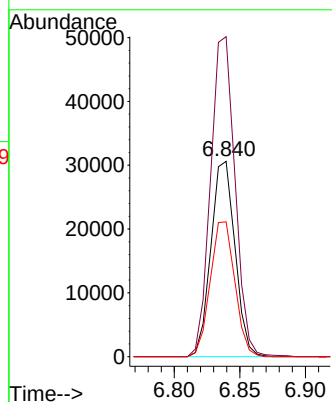
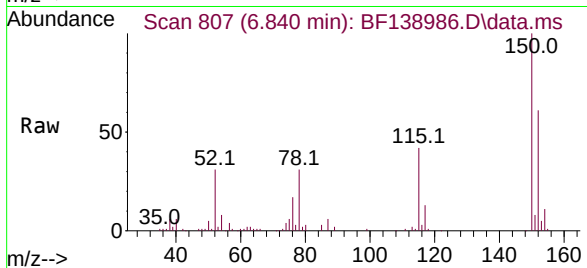




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF138986.D
Acq: 13 Aug 2024 21:34

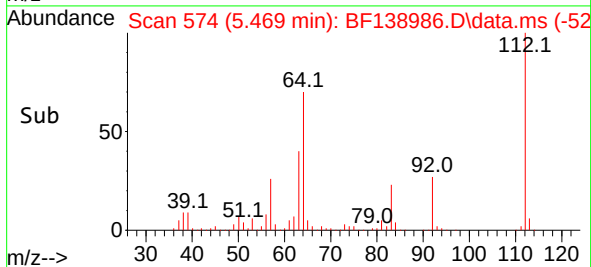
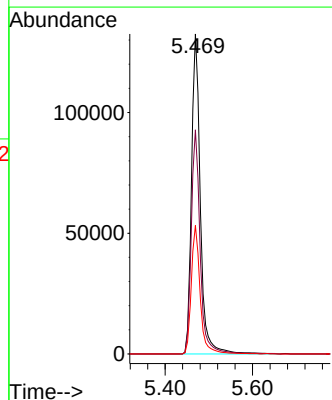
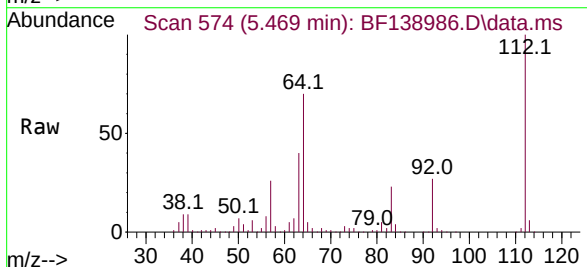
Instrument :
BNA_F
ClientSampleId :
MANHOLE

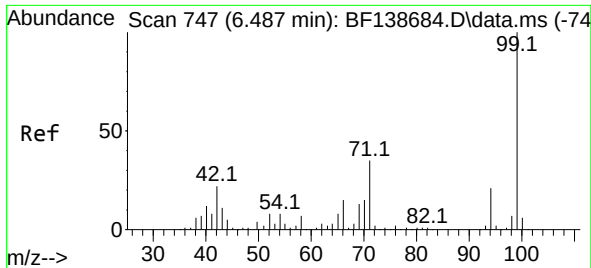
Tgt Ion:152 Resp: 39196
Ion Ratio Lower Upper
152 100
150 163.8 126.0 189.0
115 69.0 51.7 77.5



#5
2-Fluorophenol
Concen: 73.451 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138986.D
Acq: 13 Aug 2024 21:34

Tgt Ion:112 Resp: 186505
Ion Ratio Lower Upper
112 100
64 70.1 54.2 81.4
63 40.1 28.7 43.1

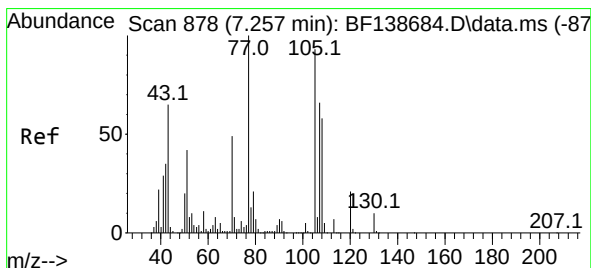
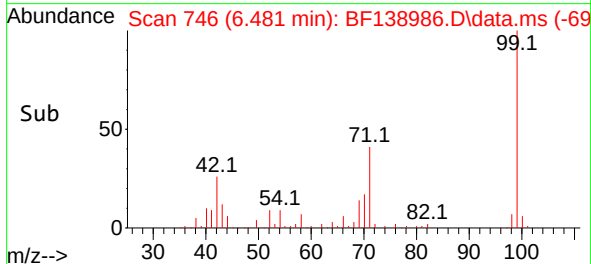
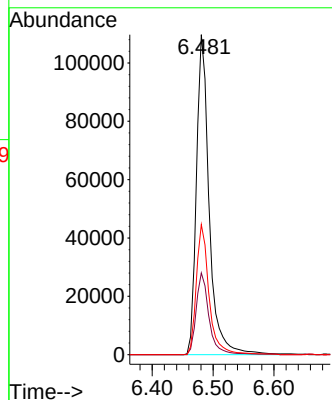
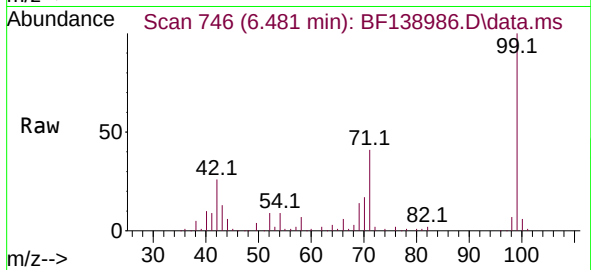




#7
Phenol-d6
Concen: 46.888 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138986.D
Acq: 13 Aug 2024 21:34

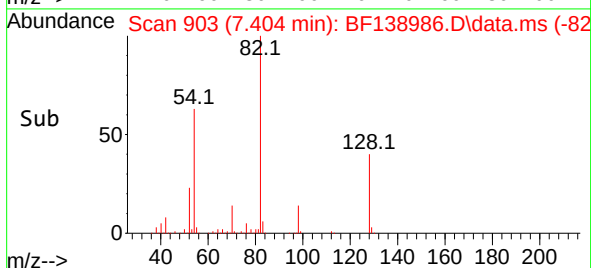
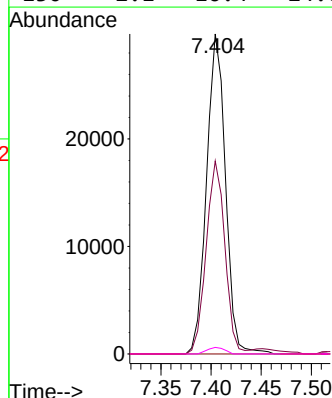
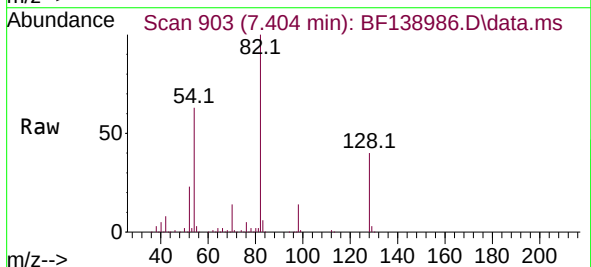
Instrument :
BNA_F
ClientSampleId :
MANHOLE

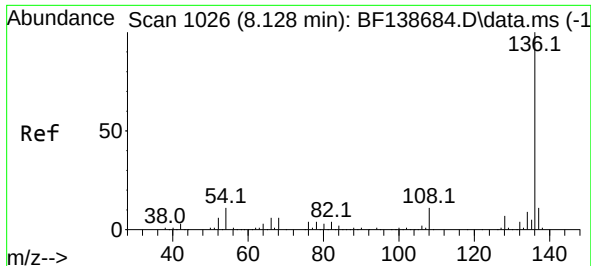
Tgt Ion: 99 Resp: 159845
Ion Ratio Lower Upper
99 100
42 25.6 17.4 26.0
71 40.7 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 19.023 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138986.D
Acq: 13 Aug 2024 21:34

Tgt Ion: 70 Resp: 39170
Ion Ratio Lower Upper
70 100
42 60.3 57.4 86.0
101 0.0 7.5 11.3#
130 2.1 16.4 24.6#

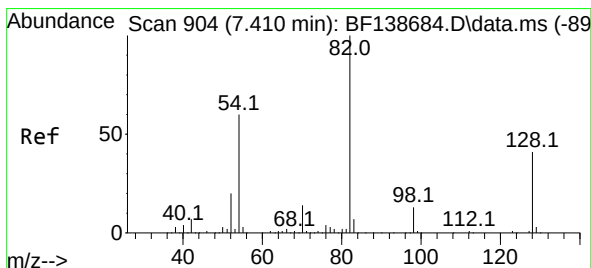
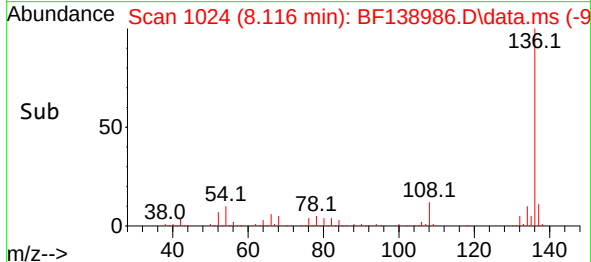
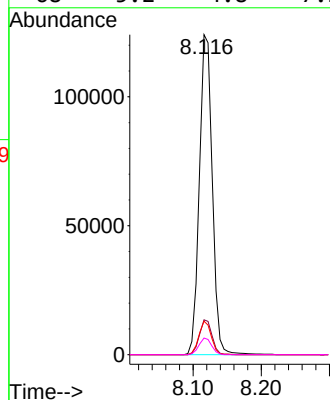
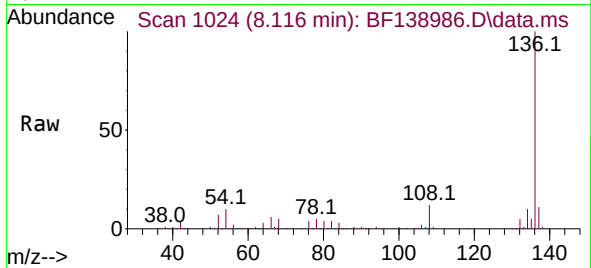




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF138986.D
Acq: 13 Aug 2024 21:34

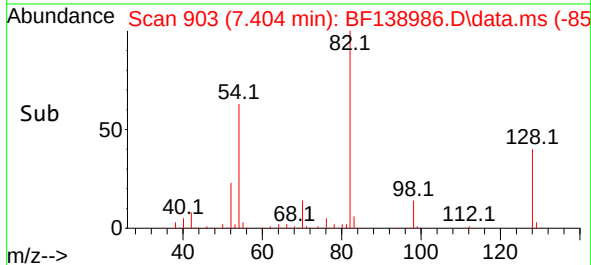
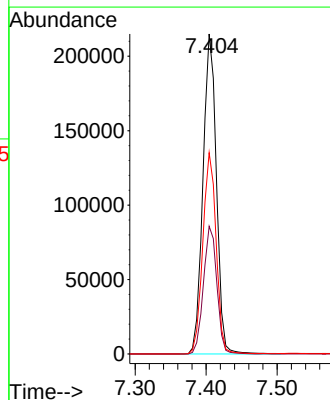
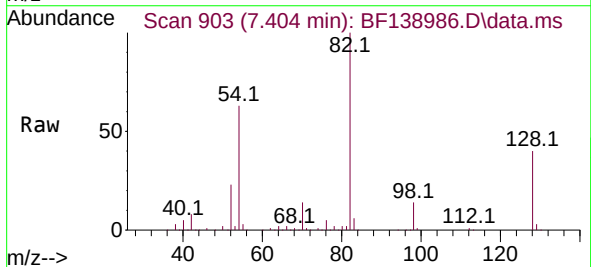
Instrument :
BNA_F
ClientSampleId :
MANHOLE

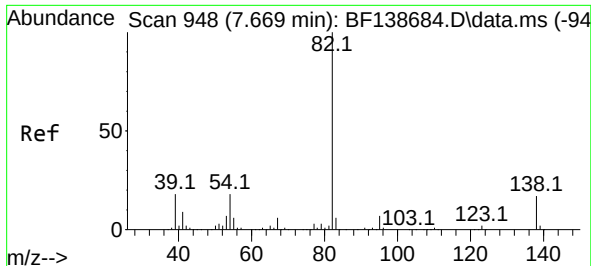
Tgt	Ion:136	Resp:	163893
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	10.4	8.6	12.8
68	5.2	4.8	7.2



#23
Nitrobenzene-d5
Concen: 84.548 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138986.D
Acq: 13 Aug 2024 21:34

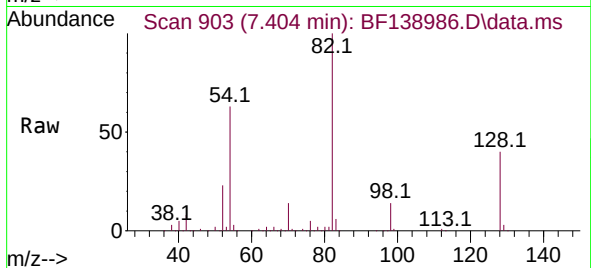
Tgt Ion: 82	Resp: 283420
Ion Ratio	Lower Upper
82 100	
128 39.9	32.8 49.2
54 62.9	48.3 72.5



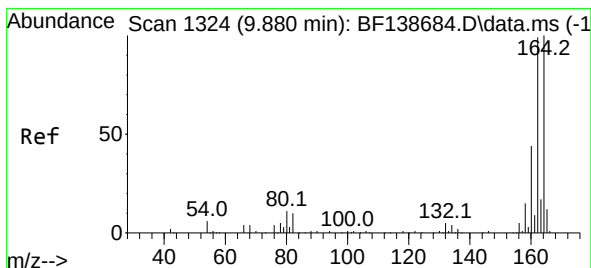
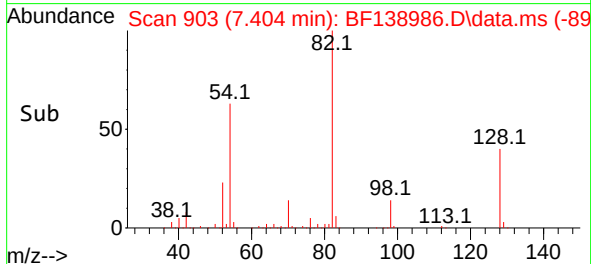
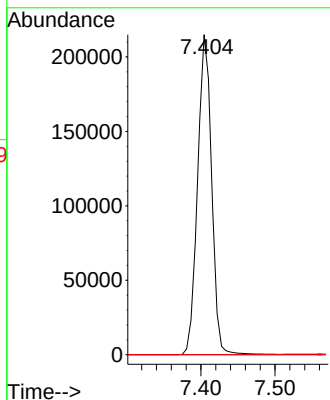


#25
Isophorone
Concen: 49.514 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138986.D
Acq: 13 Aug 2024 21:34

Instrument :
BNA_F
ClientSampleId :
MANHOLE

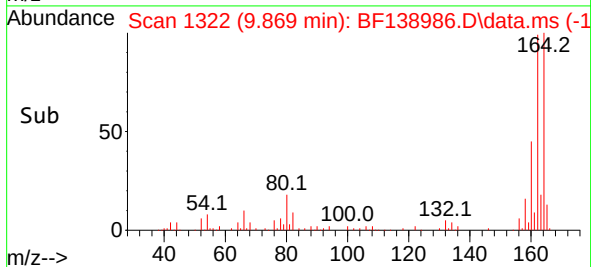
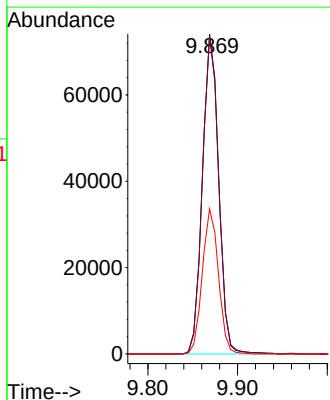
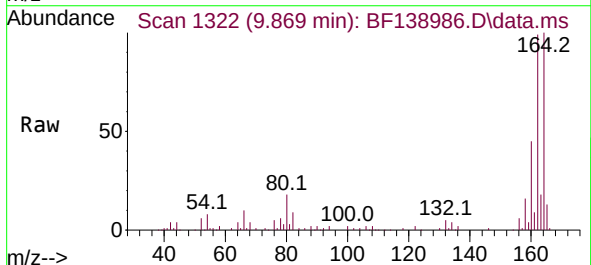


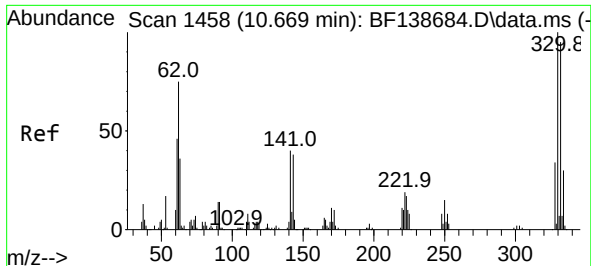
Tgt Ion: 82 Resp: 283417
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF138986.D
Acq: 13 Aug 2024 21:34

Tgt Ion:164 Resp: 93321
Ion Ratio Lower Upper
164 100
162 99.2 79.4 119.0
160 45.4 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 142.293 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF138986.D

Acq: 13 Aug 2024 21:34

Instrument :

BNA_F

ClientSampleId :

MANHOLE

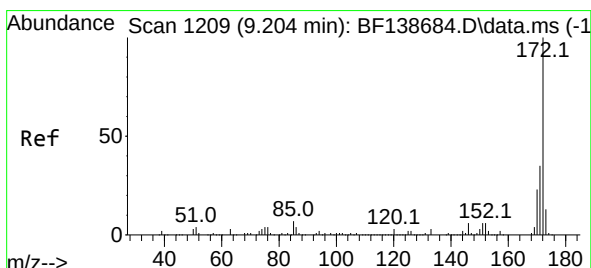
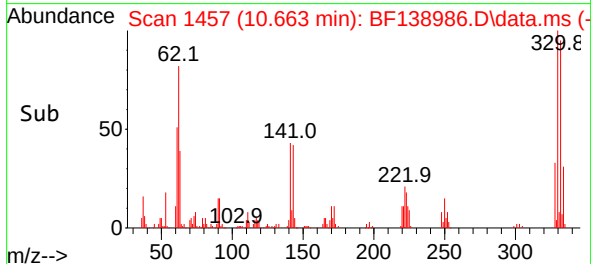
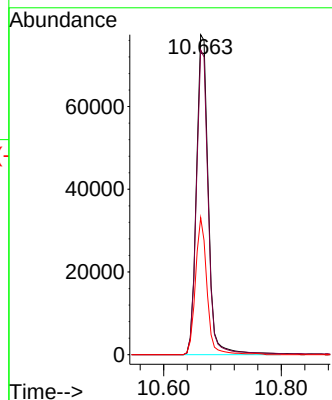
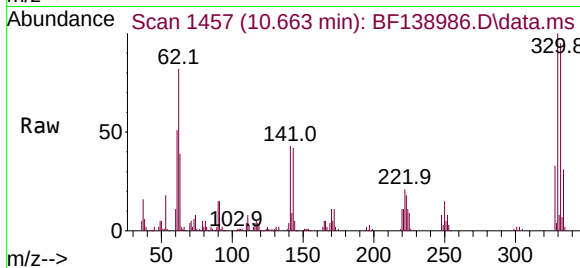
Tgt Ion:330 Resp: 108772

Ion Ratio Lower Upper

330 100

332 95.3 76.4 114.6

141 41.3 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 84.711 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BF138986.D

Acq: 13 Aug 2024 21:34

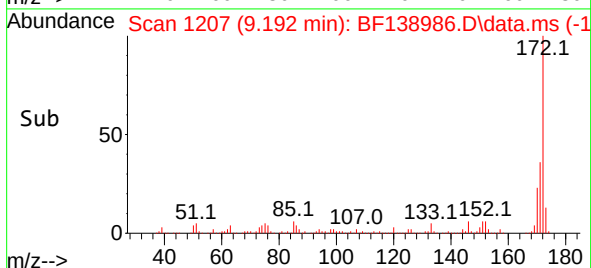
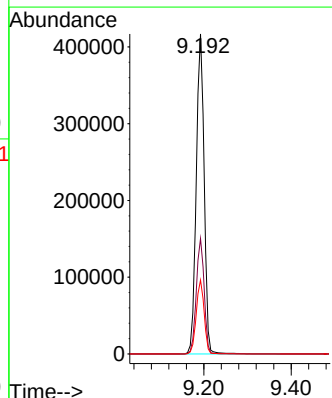
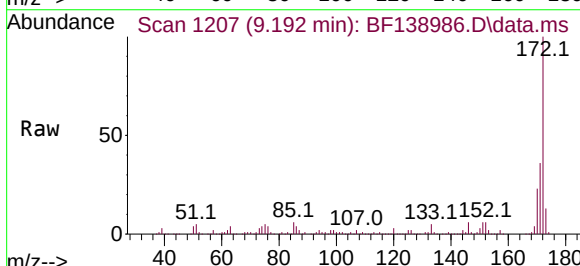
Tgt Ion:172 Resp: 526142

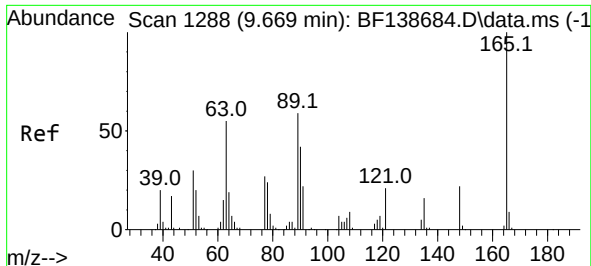
Ion Ratio Lower Upper

172 100

171 36.1 28.3 42.5

170 23.1 18.8 28.2

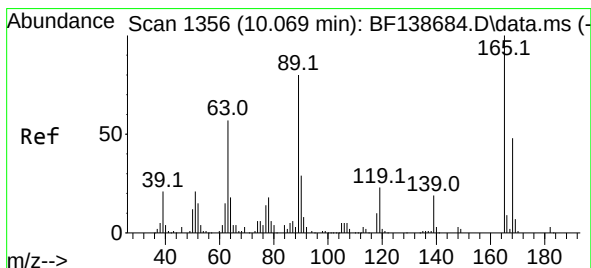
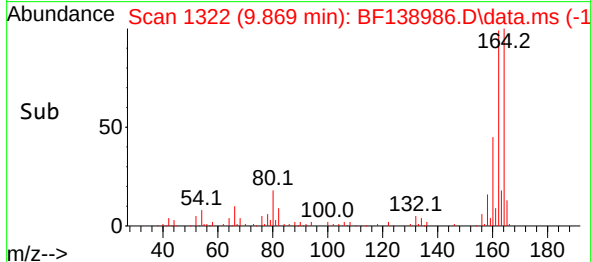
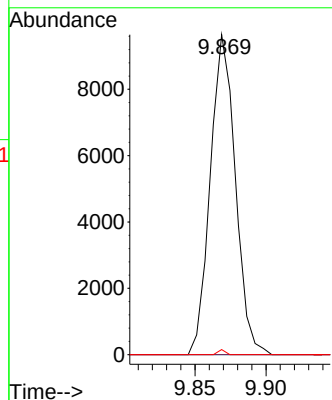
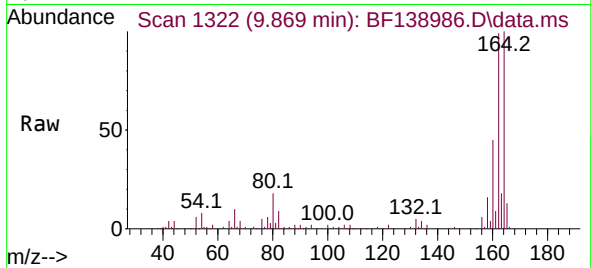




#51
2,6-Dinitrotoluene
Concen: 8.792 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138986.D
Acq: 13 Aug 2024 21:34

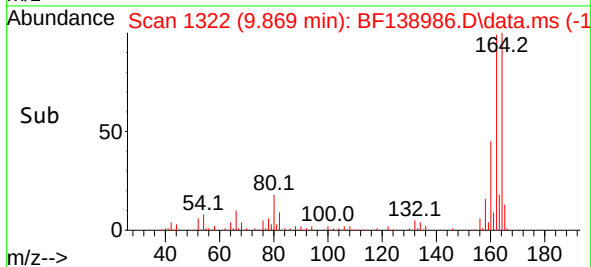
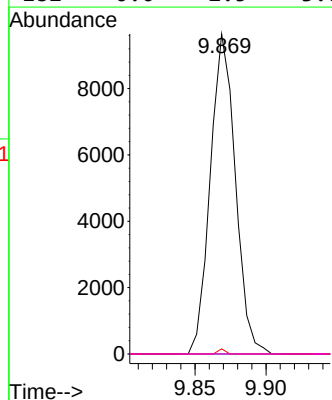
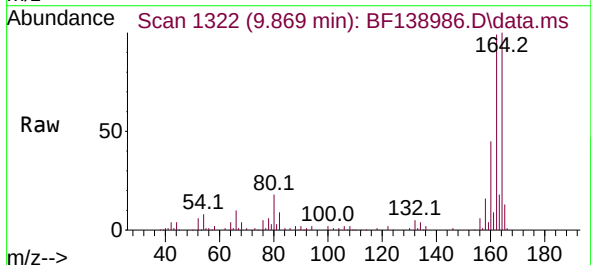
Instrument :
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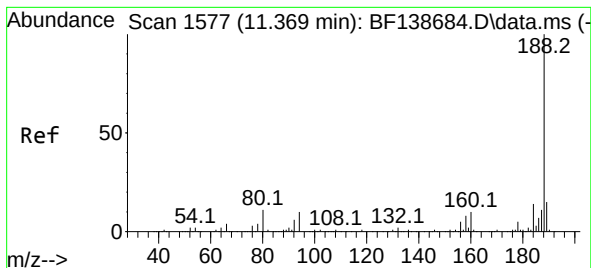
Tgt Ion:165 Resp: 11840
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 1.6 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 6.891 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF138986.D
Acq: 13 Aug 2024 21:34

Tgt Ion:165 Resp: 11840
Ion Ratio Lower Upper
165 100
63 0.0 46.3 69.5#
89 1.6 64.2 96.4#
182 0.0 2.5 3.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138986.D

Acq: 13 Aug 2024 21:34

Instrument :

BNA_F

ClientSampleId :

MANHOLE

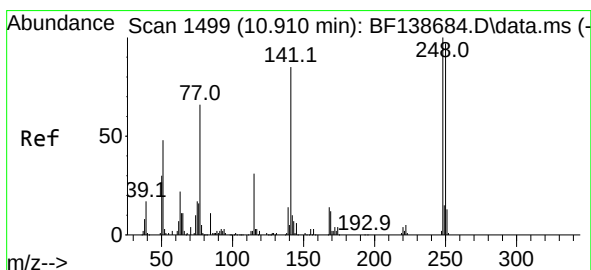
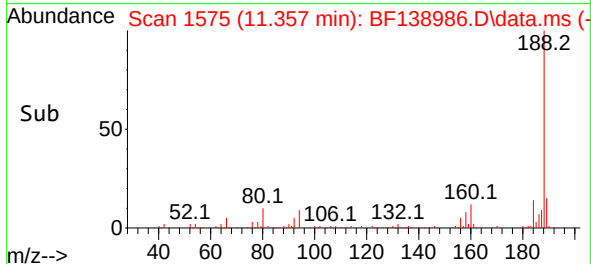
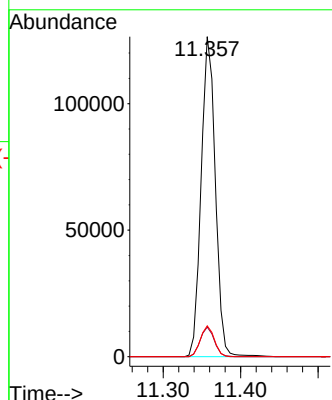
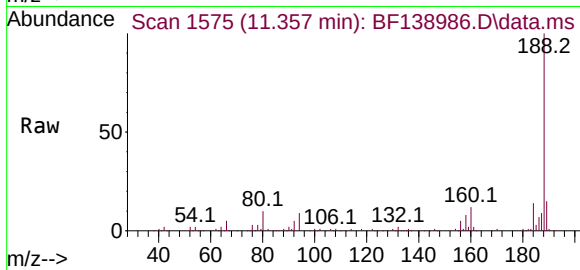
Tgt Ion:188 Resp: 160967

Ion Ratio Lower Upper

188 100

94 9.2 7.6 11.4

80 9.7 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 4.403 ng

RT: 10.663 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF138986.D

Acq: 13 Aug 2024 21:34

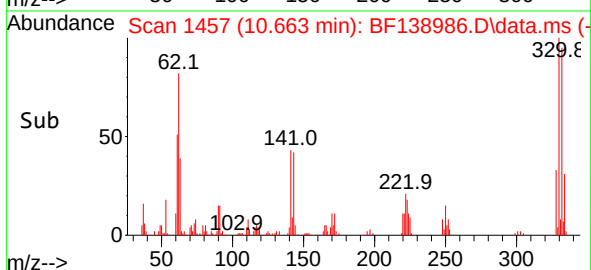
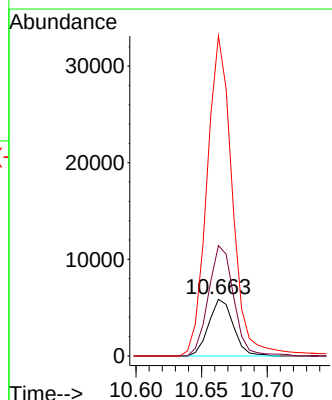
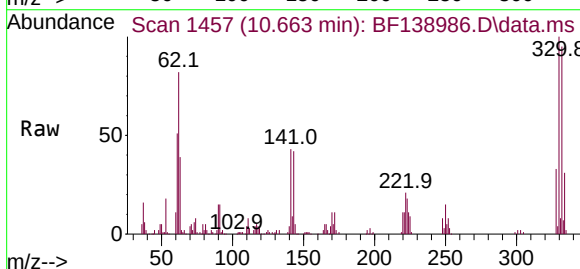
Tgt Ion:248 Resp: 7674

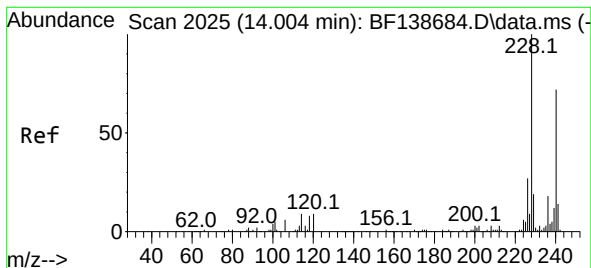
Ion Ratio Lower Upper

248 100

250 195.0 77.7 116.5#

141 564.9 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: BF138986.D

Acq: 13 Aug 2024 21:34

Instrument :

BNA_F

ClientSampleId :

MANHOLE

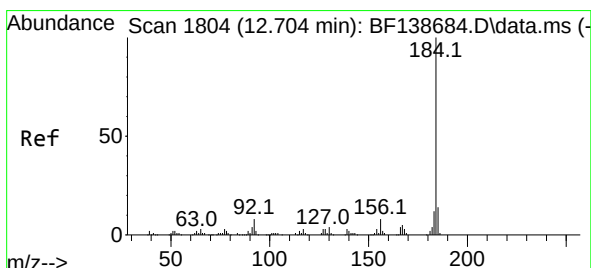
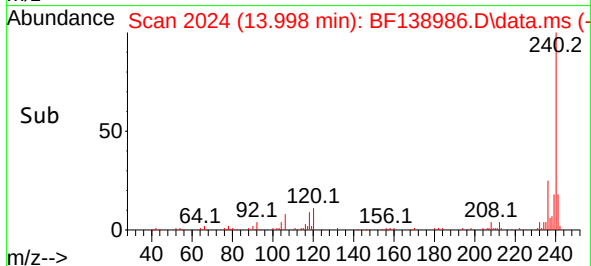
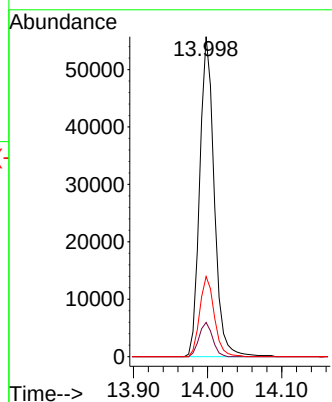
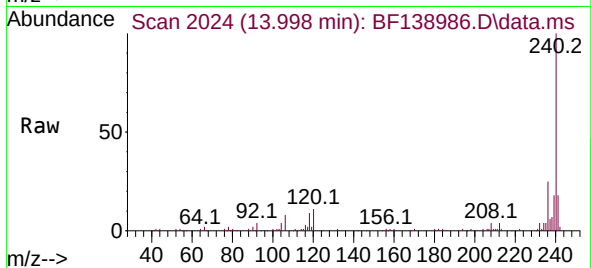
Tgt Ion:240 Resp: 75726

Ion Ratio Lower Upper

240 100

120 10.7 10.2 15.4

236 25.0 19.8 29.8



#77

Benzidine

Concen: 4.141 ng

RT: 12.939 min Scan# 1844

Delta R.T. 0.235 min

Lab File: BF138986.D

Acq: 13 Aug 2024 21:34

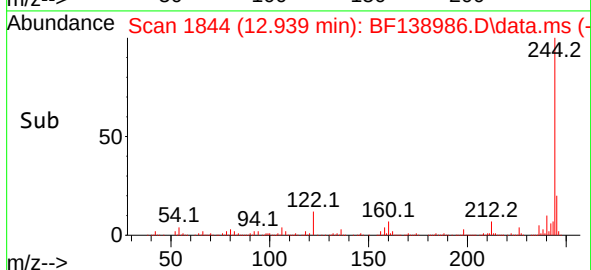
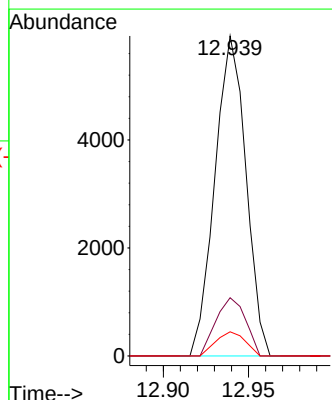
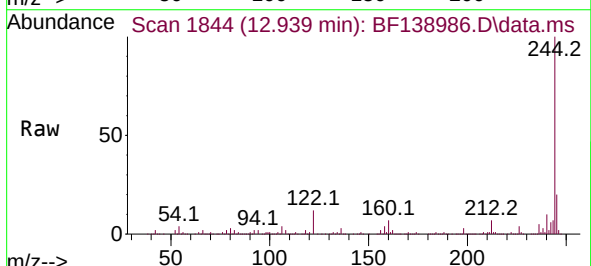
Tgt Ion:184 Resp: 7501

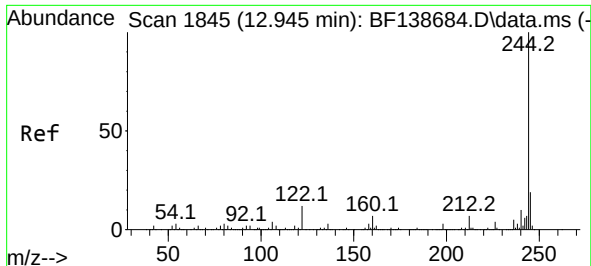
Ion Ratio Lower Upper

184 100

185 18.2 11.1 16.7#

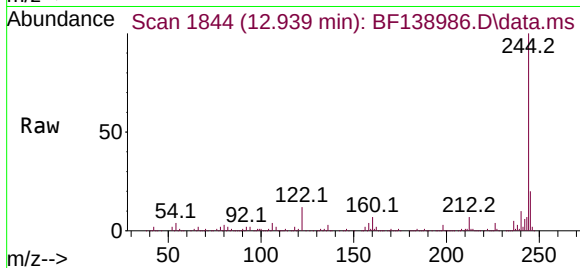
183 7.5 9.6 14.4#



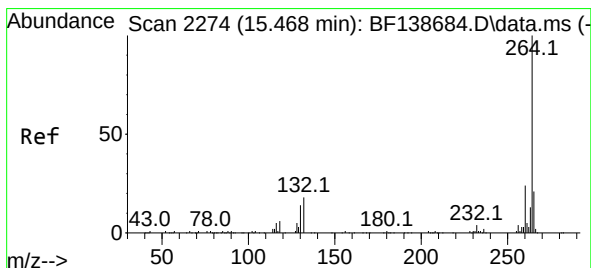
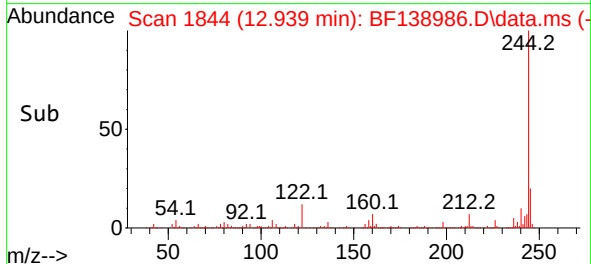
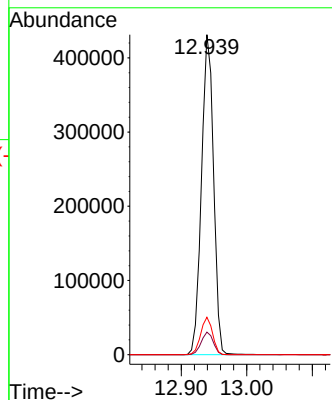


#79
Terphenyl-d14
Concen: 122.600 ng
RT: 12.939 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BF138986.D
Acq: 13 Aug 2024 21:34

Instrument :
BNA_F
ClientSampleId :
MANHOLE



Tgt Ion:244 Resp: 554513
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 11.7 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: BF138986.D
Acq: 13 Aug 2024 21:34

Tgt Ion:264 Resp: 66930
Ion Ratio Lower Upper
264 100
260 23.2 19.0 28.6
265 21.6 17.0 25.6

