

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122324\
 Data File : BF140963.D
 Acq On : 23 Dec 2024 11:49
 Operator : RC/JU
 Sample : P5355-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR251688

Quant Time: Dec 23 12:38:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

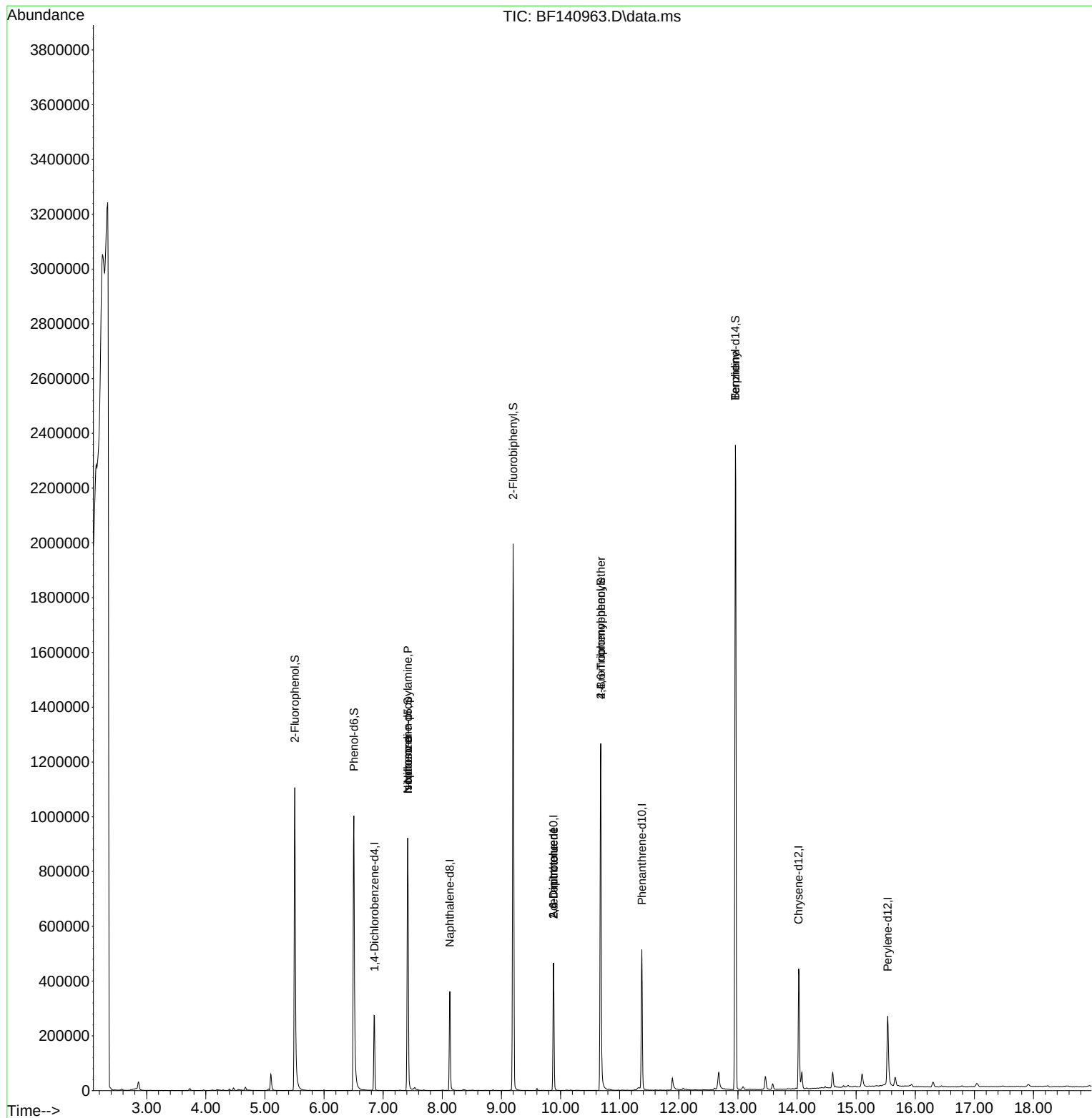
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	63840	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	241820	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	144169	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	276829	20.000	ng	0.00
76) Chrysene-d12	14.027	240	246406	20.000	ng	0.00
86) Perylene-d12	15.533	264	188298	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	492635	127.031	ng	0.02
7) Phenol-d6	6.504	99	568908	110.757	ng	0.00
23) Nitrobenzene-d5	7.416	82	448026	92.694	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	253790	148.841	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	929298	88.621	ng	0.00
79) Terphenyl-d14	12.957	244	1237351	79.184	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.416	70	60595	19.666	ng	# 75
25) Isophorone	7.416	82	444289	54.860	ng	# 65
51) 2,6-Dinitrotoluene	9.881	165	18222	7.842	ng	# 22
57) 2,4-Dinitrotoluene	9.881	165	18222	5.960	ng	# 16
67) 4-Bromophenyl-phenylether	10.681	248	15955	5.152	ng	# 1
77) Benzidine	12.957	184	15388	3.060	ng	# 91

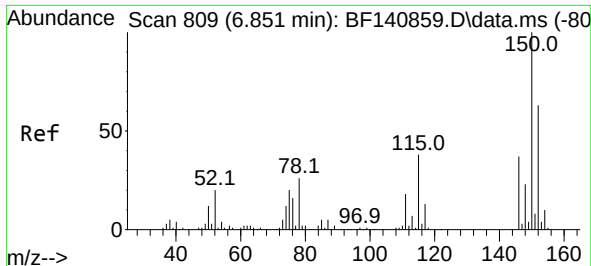
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122324\
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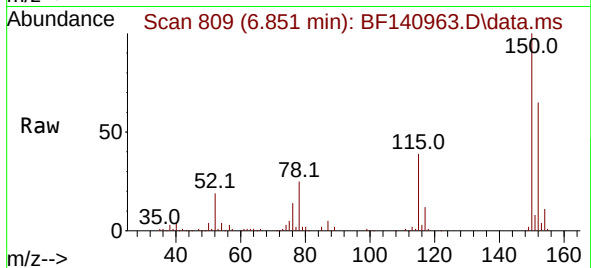
Quant Time: Dec 23 12:38:29 2024
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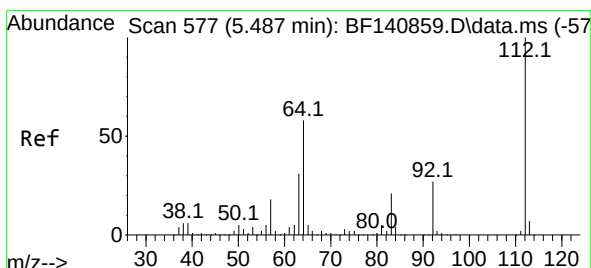
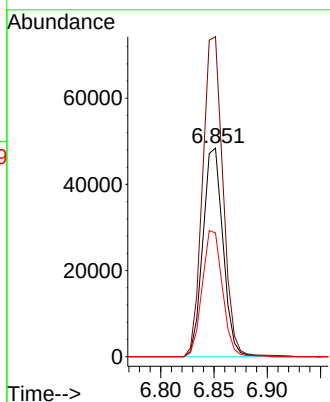
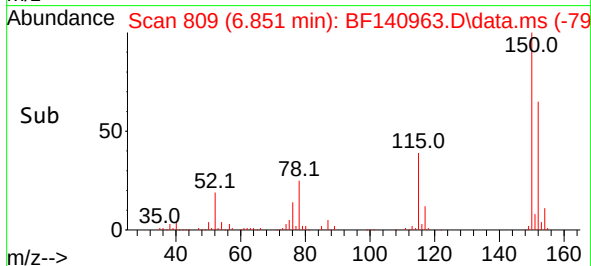


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF140963.D
Acq: 23 Dec 2024 11:49

Instrument :
BNA_F
ClientSampleId :
RBR251688

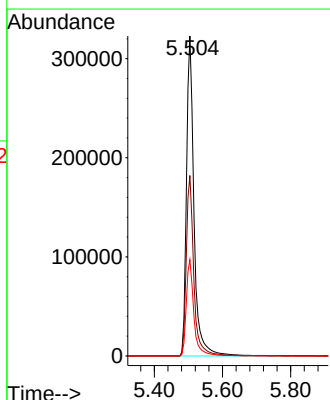
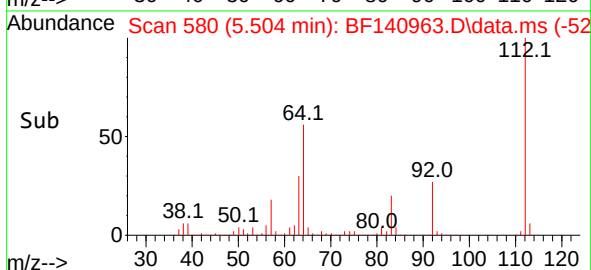
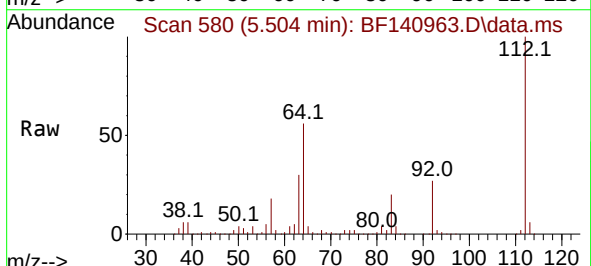


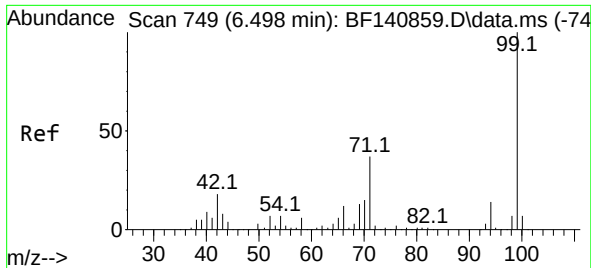
Tgt Ion:152 Resp: 63840
Ion Ratio Lower Upper
152 100
150 153.4 127.9 191.9
115 59.3 48.0 72.0



#5
2-Fluorophenol
Concen: 127.031 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF140963.D
Acq: 23 Dec 2024 11:49

Tgt Ion:112 Resp: 492635
Ion Ratio Lower Upper
112 100
64 56.4 46.1 69.1
63 30.1 24.9 37.3





#7

Phenol-d6

Concen: 110.757 ng

RT: 6.504 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF140963.D

Acq: 23 Dec 2024 11:49

Instrument :

BNA_F

ClientSampleId :

RBR251688

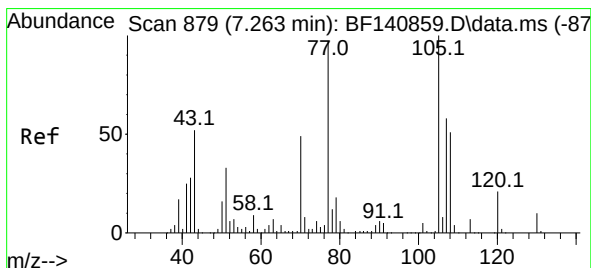
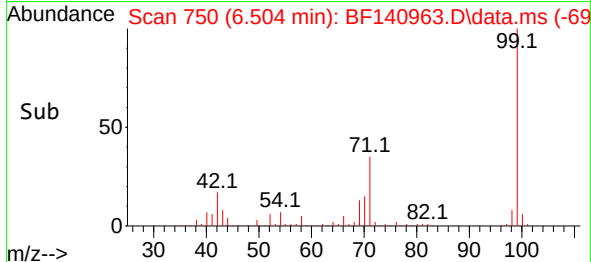
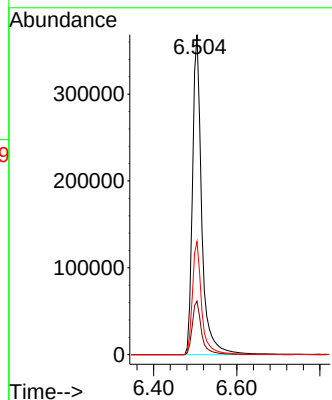
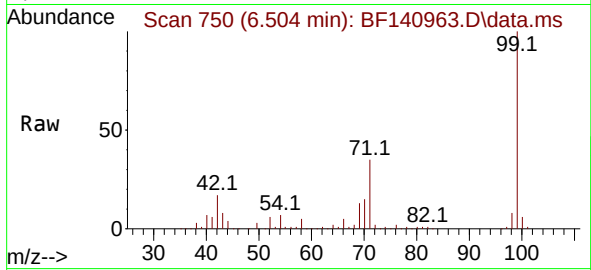
Tgt Ion: 99 Resp: 568908

Ion Ratio Lower Upper

99 100

42 16.7 14.3 21.5

71 35.4 29.9 44.9



#19

n-Nitroso-di-n-propylamine

Concen: 19.666 ng

RT: 7.416 min Scan# 905

Delta R.T. 0.153 min

Lab File: BF140963.D

Acq: 23 Dec 2024 11:49

Tgt Ion: 70 Resp: 60595

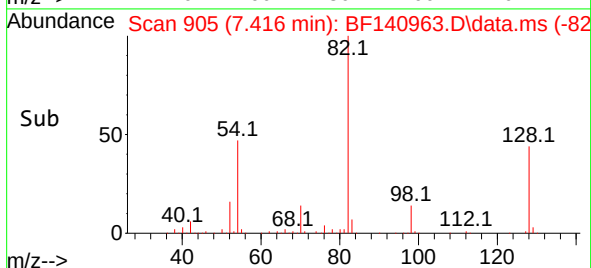
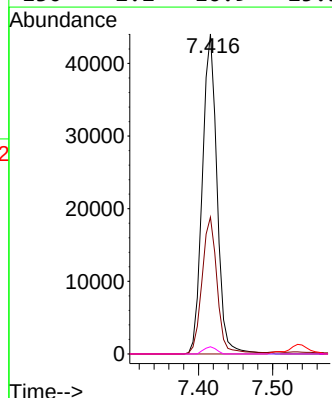
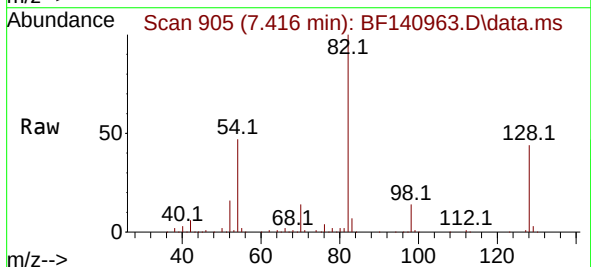
Ion Ratio Lower Upper

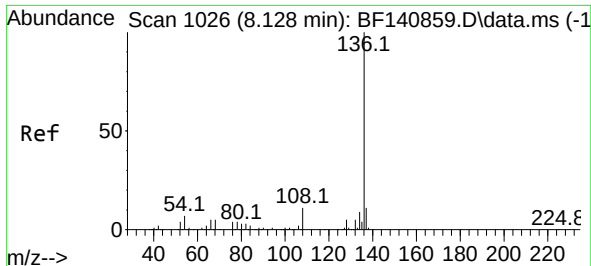
70 100

42 42.7 45.3 67.9#

101 0.0 8.0 12.0#

130 2.2 16.9 25.3#

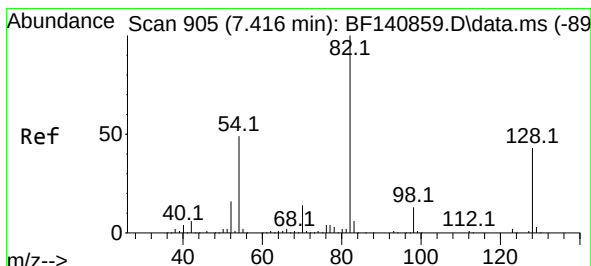
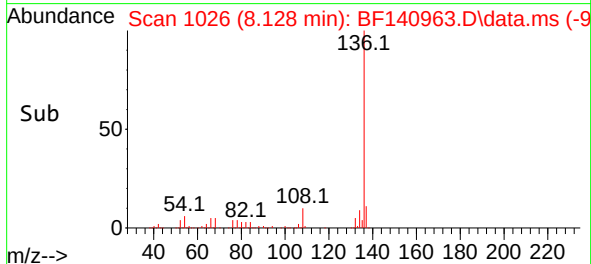
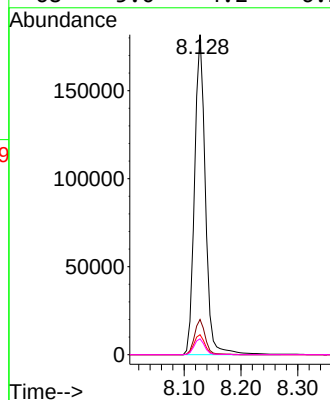
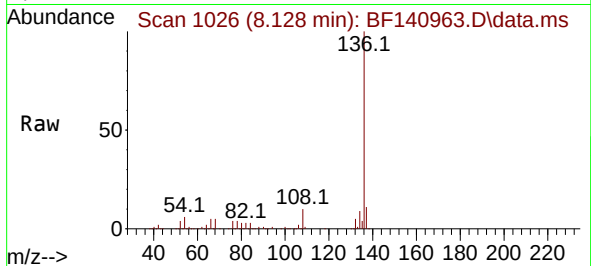




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF140963.D
Acq: 23 Dec 2024 11:49

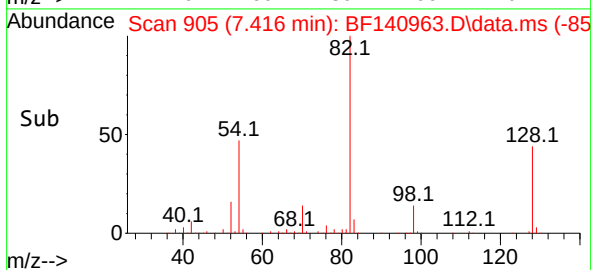
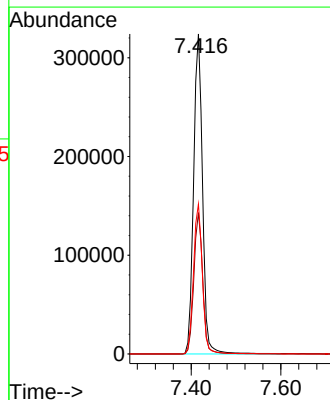
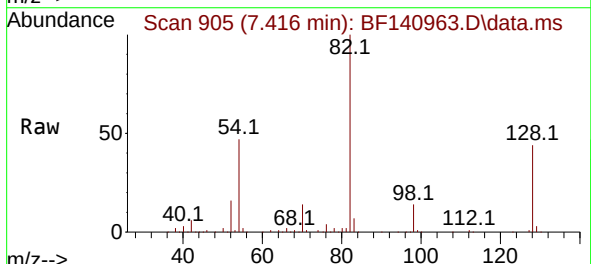
Instrument :
BNA_F
ClientSampleId :
RBR251688

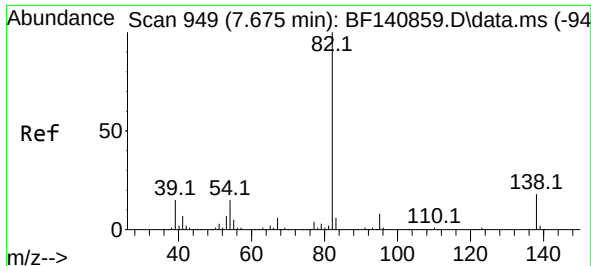
Tgt Ion:	136	Resp:	241820
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.3	5.6	8.4
68	5.0	4.2	6.2



#23
Nitrobenzene-d5
Concen: 92.694 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.000 min
Lab File: BF140963.D
Acq: 23 Dec 2024 11:49

Tgt Ion:	82	Resp:	448026
Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.4	51.6
54	46.8	38.8	58.2

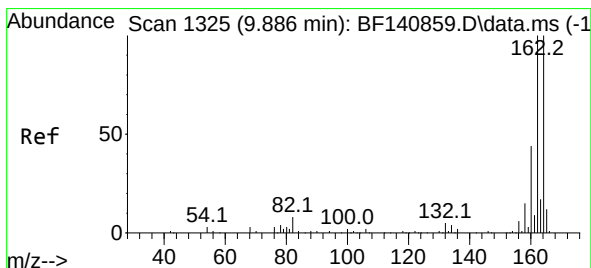
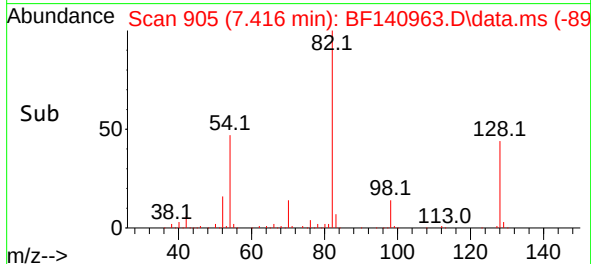
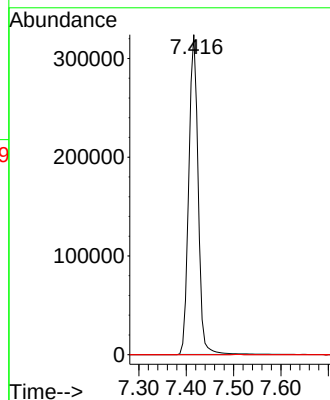
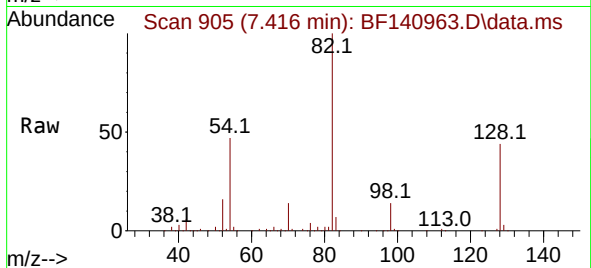




#25
Isophorone
Concen: 54.860 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.259 min
Lab File: BF140963.D
Acq: 23 Dec 2024 11:49

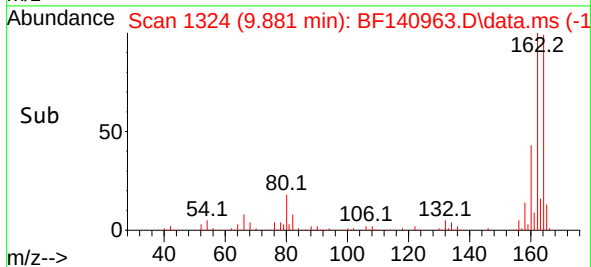
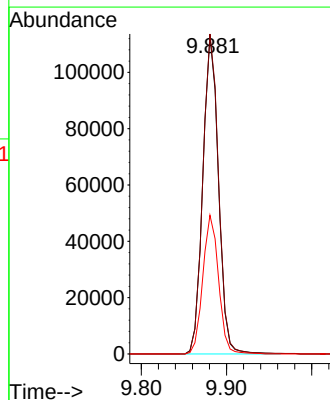
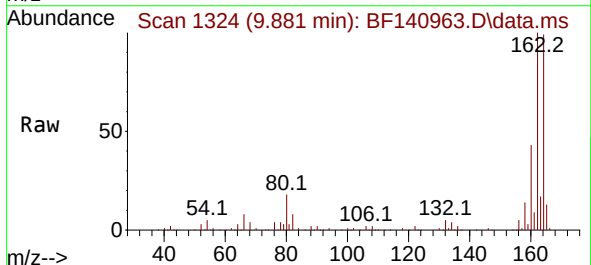
Instrument :
BNA_F
ClientSampleId :
RBR251688

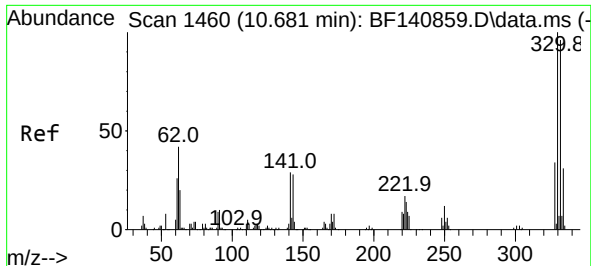
Tgt Ion: 82 Resp: 444289
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 14.1 21.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF140963.D
Acq: 23 Dec 2024 11:49

Tgt Ion:164 Resp: 144169
Ion Ratio Lower Upper
164 100
162 100.7 79.9 119.9
160 43.6 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 148.841 ng

RT: 10.681 min Scan# 1460

Delta R.T. -0.000 min

Lab File: BF140963.D

Acq: 23 Dec 2024 11:49

Instrument :

BNA_F

ClientSampleId :

RBR251688

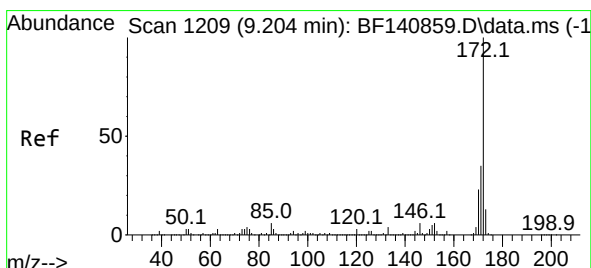
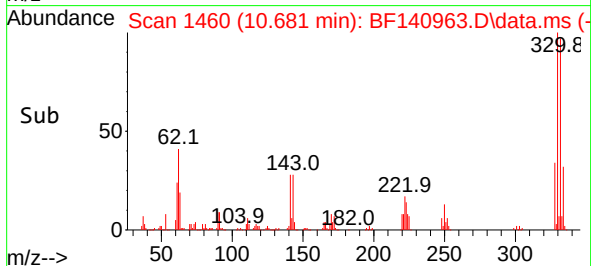
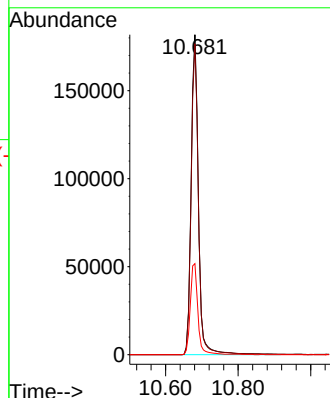
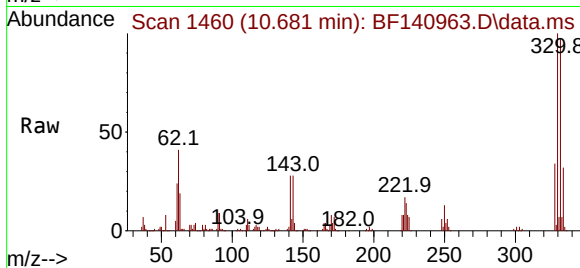
Tgt Ion:330 Resp: 253790

Ion Ratio Lower Upper

330 100

332 97.0 76.2 114.4

141 29.5 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 88.621 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF140963.D

Acq: 23 Dec 2024 11:49

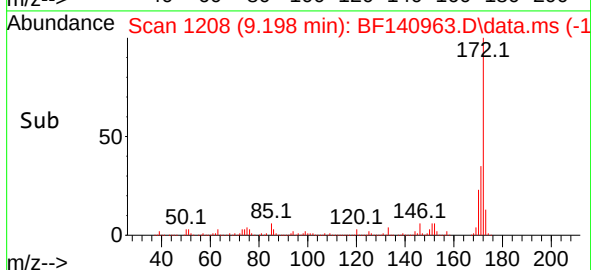
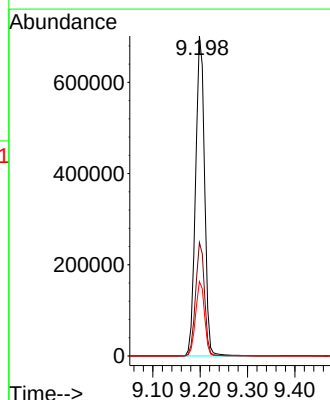
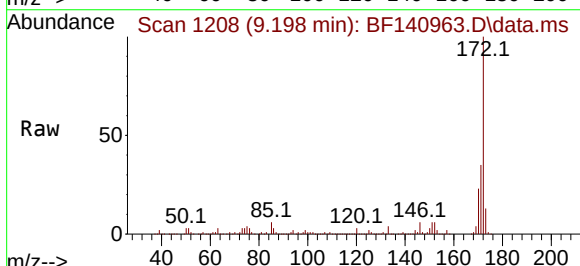
Tgt Ion:172 Resp: 929298

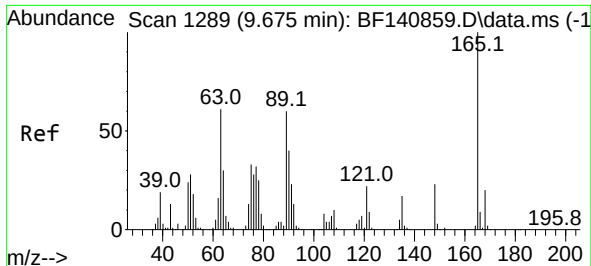
Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.3 18.6 28.0





#51

2,6-Dinitrotoluene

Concen: 7.842 ng

RT: 9.881 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF140963.D

Acq: 23 Dec 2024 11:49

Instrument :

BNA_F

ClientSampleId :

RBR251688

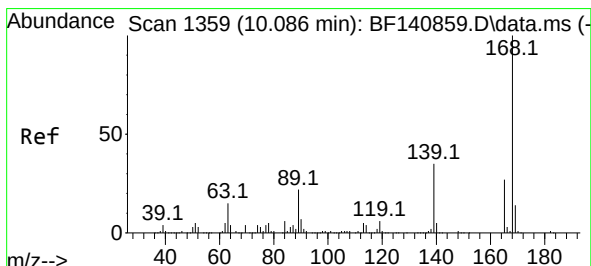
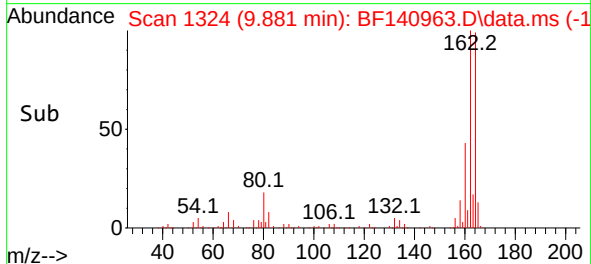
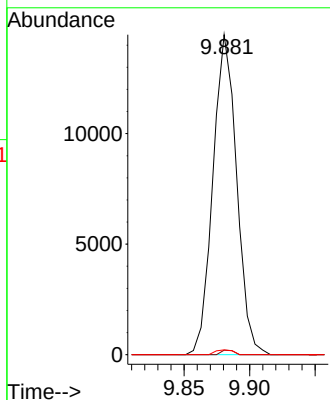
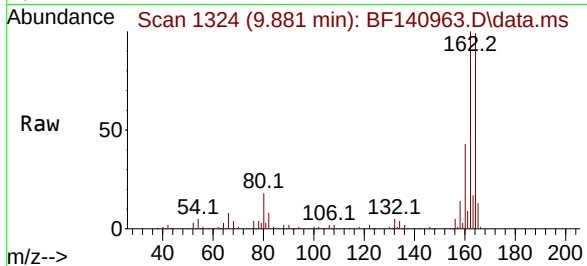
Tgt Ion:165 Resp: 18222

Ion Ratio Lower Upper

165 100

63 1.4 49.7 74.5#

89 1.5 48.2 72.4#



#57

2,4-Dinitrotoluene

Concen: 5.960 ng

RT: 9.881 min Scan# 1324

Delta R.T. -0.206 min

Lab File: BF140963.D

Acq: 23 Dec 2024 11:49

Tgt Ion:165 Resp: 18222

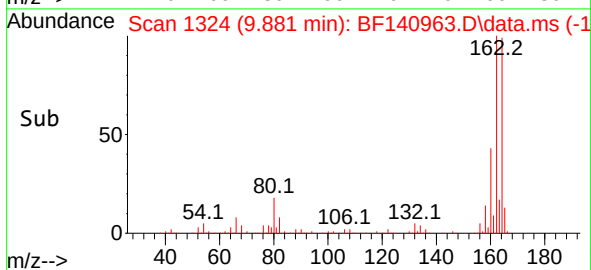
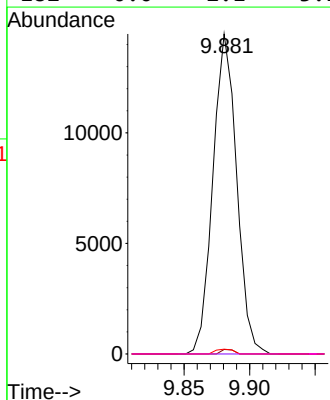
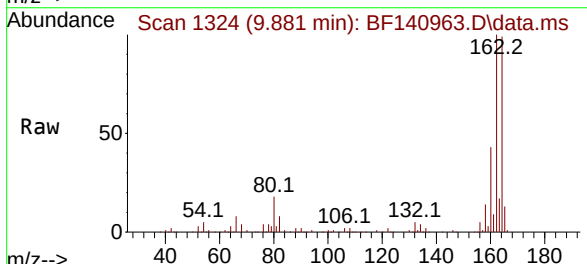
Ion Ratio Lower Upper

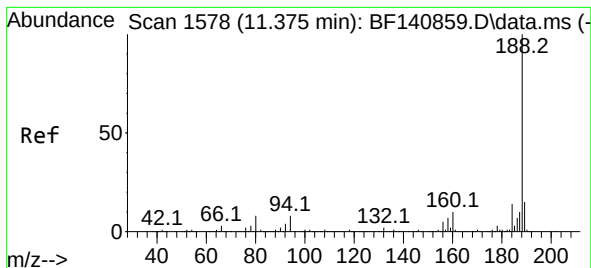
165 100

63 1.4 49.3 73.9#

89 1.5 66.2 99.4#

182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140963.D

Acq: 23 Dec 2024 11:49

Instrument :

BNA_F

ClientSampleId :

RBR251688

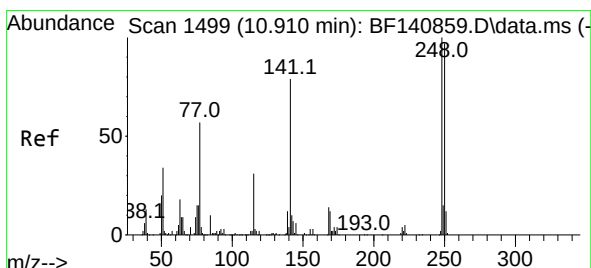
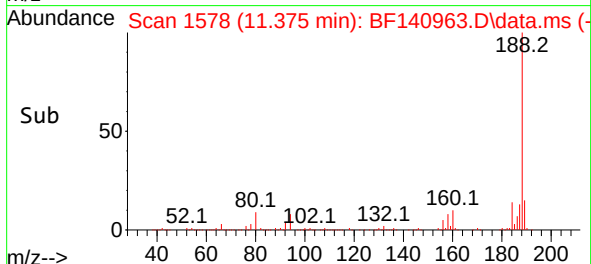
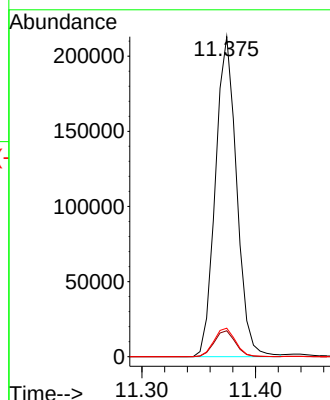
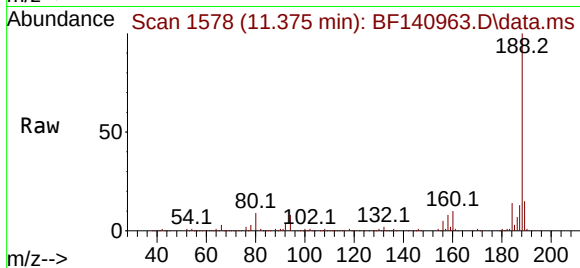
Tgt Ion:188 Resp: 276829

Ion Ratio Lower Upper

188 100

94 8.1 6.4 9.6

80 8.9 6.8 10.2



#67

4-Bromophenyl-phenylether

Concen: 5.152 ng

RT: 10.681 min Scan# 1460

Delta R.T. -0.229 min

Lab File: BF140963.D

Acq: 23 Dec 2024 11:49

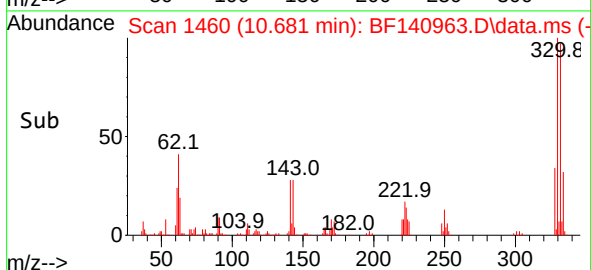
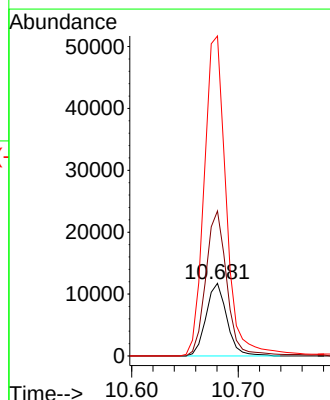
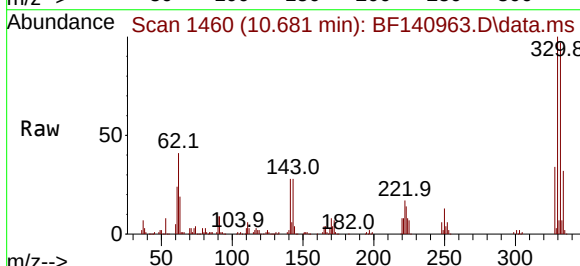
Tgt Ion:248 Resp: 15955

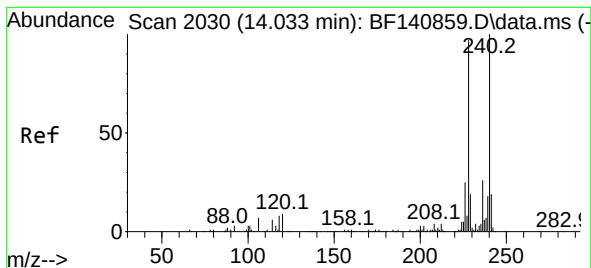
Ion Ratio Lower Upper

248 100

250 199.6 77.4 116.2#

141 440.7 62.9 94.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF140963.D

Acq: 23 Dec 2024 11:49

Instrument :

BNA_F

ClientSampleId :

RBR251688

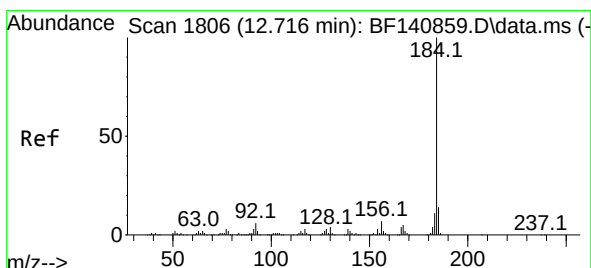
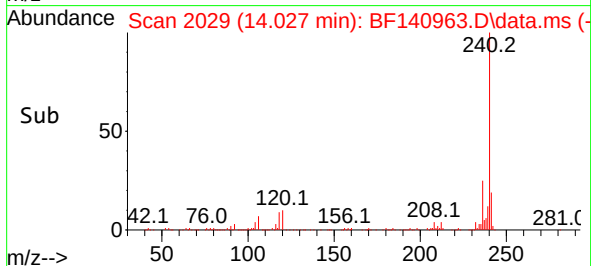
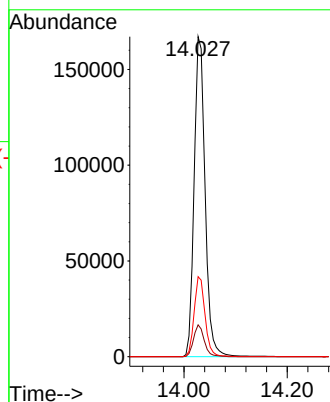
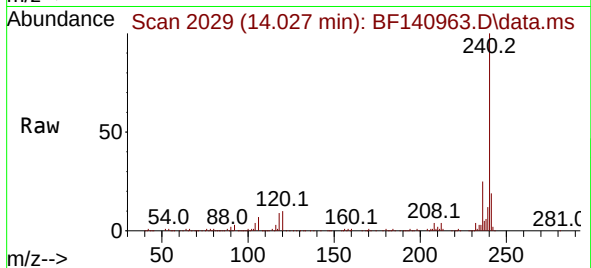
Tgt Ion:240 Resp: 246406

Ion Ratio Lower Upper

240 100

120 10.0 7.6 11.4

236 25.0 20.5 30.7



#77

Benzidine

Concen: 3.060 ng

RT: 12.957 min Scan# 1847

Delta R.T. 0.241 min

Lab File: BF140963.D

Acq: 23 Dec 2024 11:49

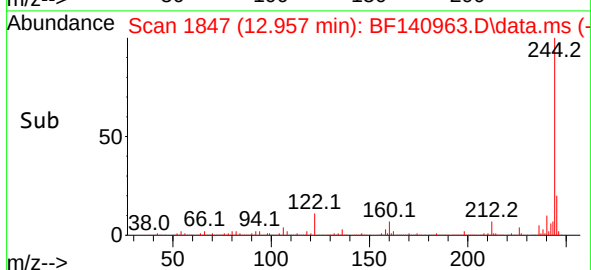
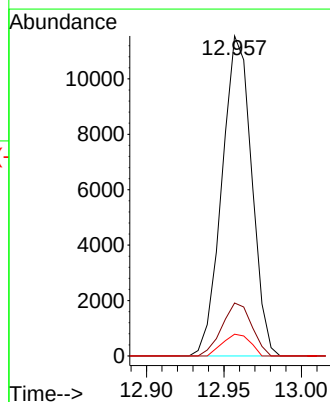
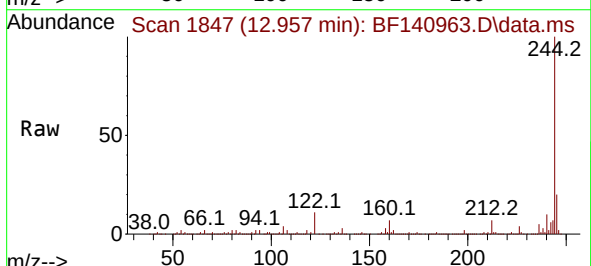
Tgt Ion:184 Resp: 15388

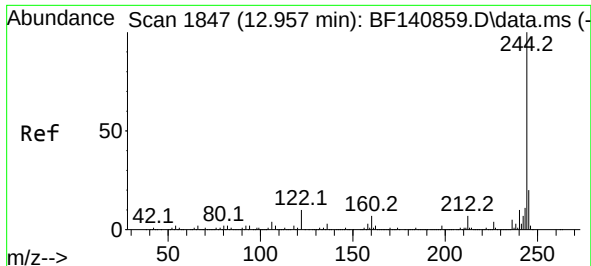
Ion Ratio Lower Upper

184 100

185 16.6 11.1 16.7

183 6.8 9.0 13.4#

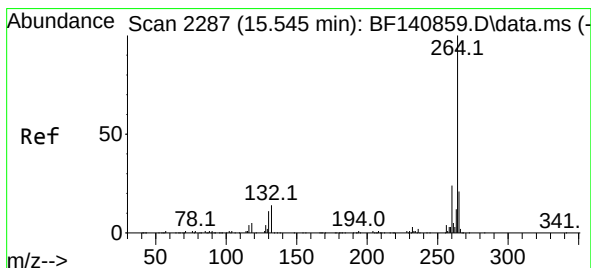
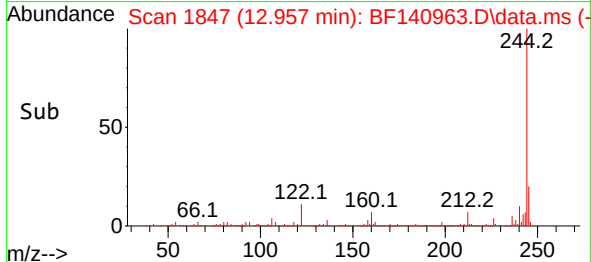
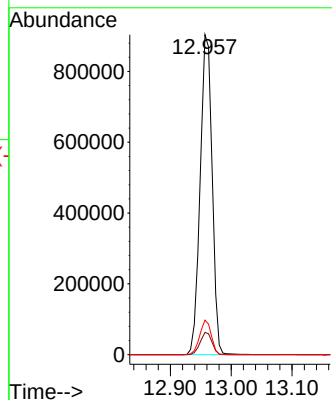
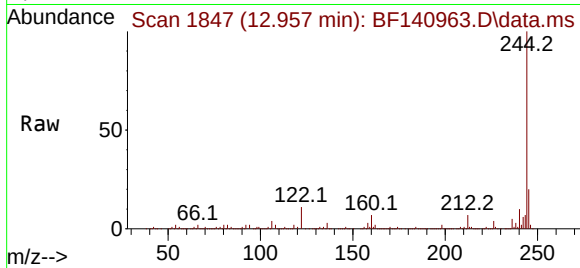




#79
 Terphenyl-d14
 Concen: 79.184 ng
 RT: 12.957 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF140963.D
 Acq: 23 Dec 2024 11:49

Instrument :
 BNA_F
 ClientSampleId :
 RBR251688

Tgt Ion:244 Resp: 1237351
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.8 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2285
 Delta R.T. -0.012 min
 Lab File: BF140963.D
 Acq: 23 Dec 2024 11:49

Tgt Ion:264 Resp: 188298
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.1 28.7
 265 21.4 17.0 25.4

