

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122024\
 Data File : BF140956.D
 Acq On : 20 Dec 2024 17:40
 Operator : RC/JU
 Sample : P5330-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Quant Time: Dec 20 21:59:17 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)

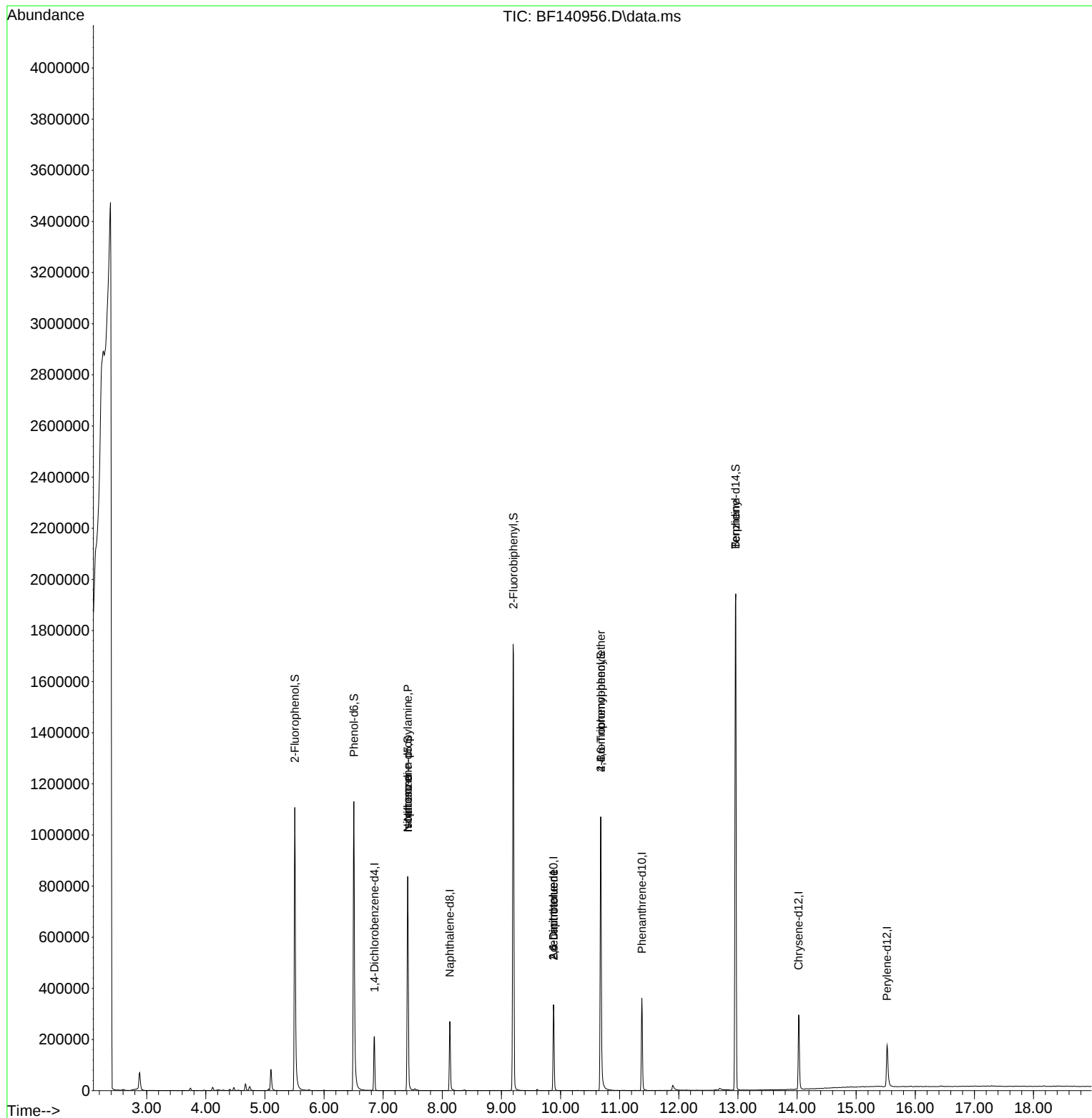
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	48429	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	185251	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	108747	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	205721	20.000	ng	0.00
76) Chrysene-d12	14.027	240	163371	20.000	ng	0.00
86) Perylene-d12	15.521	264	127175	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	485850	165.149	ng	0.02
7) Phenol-d6	6.504	99	621324	159.454	ng	0.00
23) Nitrobenzene-d5	7.416	82	407167	109.964	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	218297	169.727	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	835267	105.600	ng	0.00
79) Terphenyl-d14	12.963	244	1021054	98.553	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.416	70	54211	23.193	ng	# 75
25) Isophorone	7.416	82	403792	65.085	ng	# 65
51) 2,6-Dinitrotoluene	9.881	165	13915	7.939	ng	# 20
57) 2,4-Dinitrotoluene	9.881	165	13915	6.034	ng	# 14
67) 4-Bromophenyl-phenylether	10.681	248	13630	5.922	ng	# 1
77) Benzidine	12.963	184	13407	4.021	ng	# 88

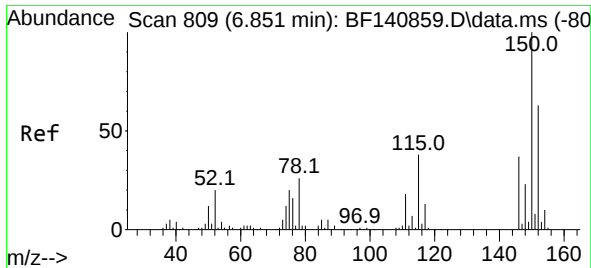
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122024\
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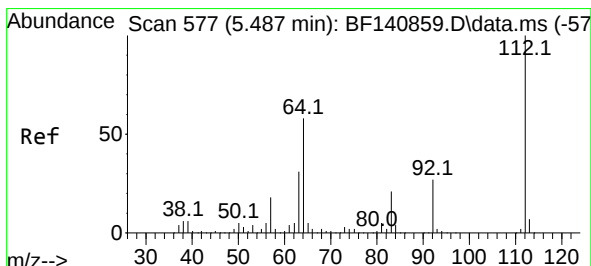
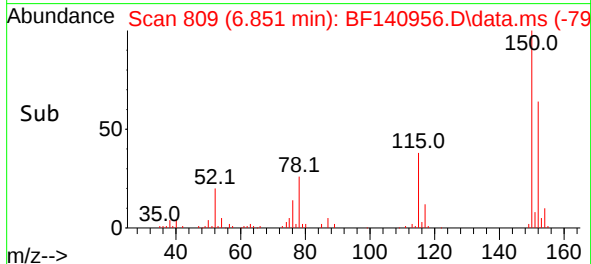
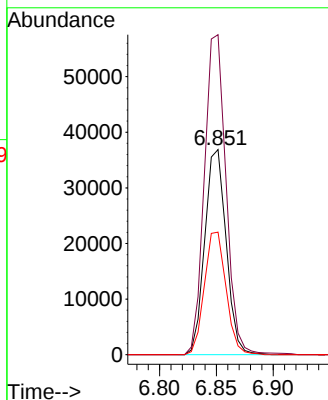
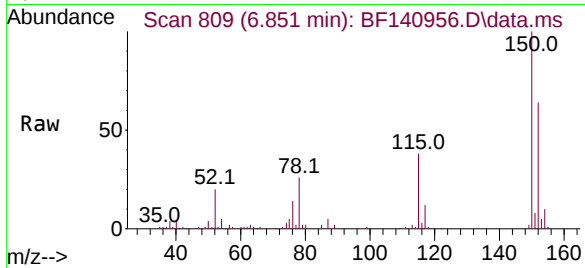




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF140956.D
Acq: 20 Dec 2024 17:40

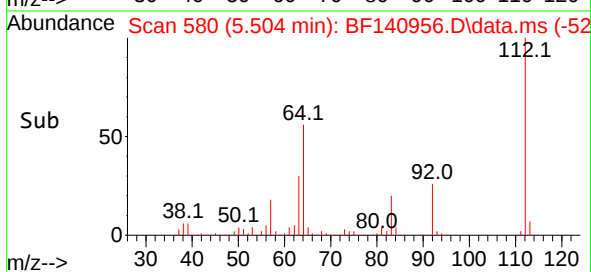
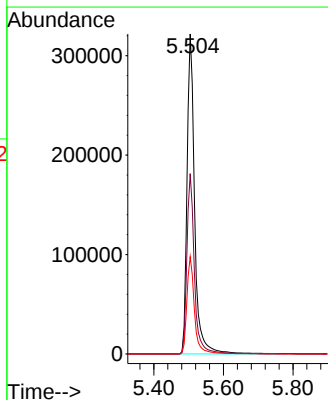
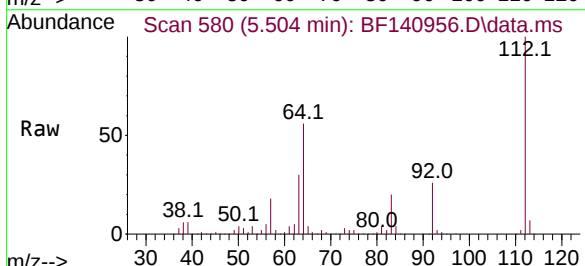
Instrument :
BNA_F
ClientSampleId :
TP-5

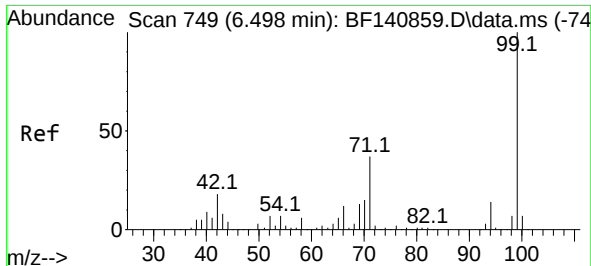
Tgt Ion:152 Resp: 48429
Ion Ratio Lower Upper
152 100
150 156.0 127.9 191.9
115 59.7 48.0 72.0



#5
2-Fluorophenol
Concen: 165.149 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF140956.D
Acq: 20 Dec 2024 17:40

Tgt Ion:112 Resp: 485850
Ion Ratio Lower Upper
112 100
64 56.4 46.1 69.1
63 30.4 24.9 37.3

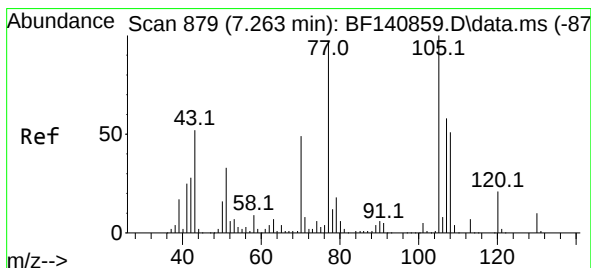
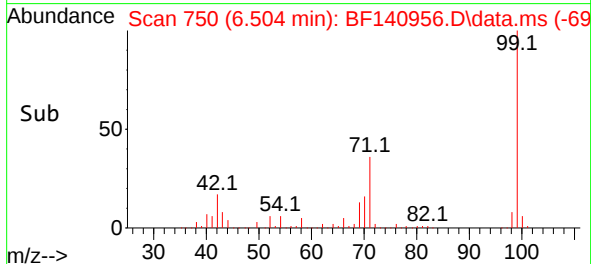
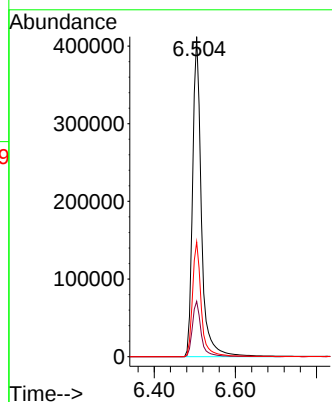
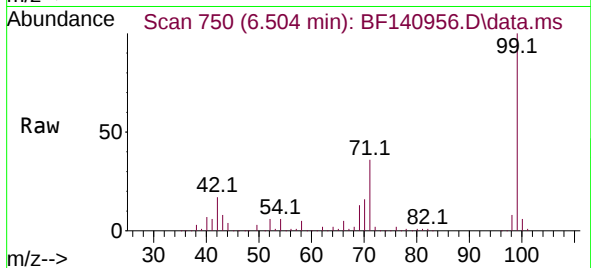




#7
Phenol-d6
Concen: 159.454 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140956.D
Acq: 20 Dec 2024 17:40

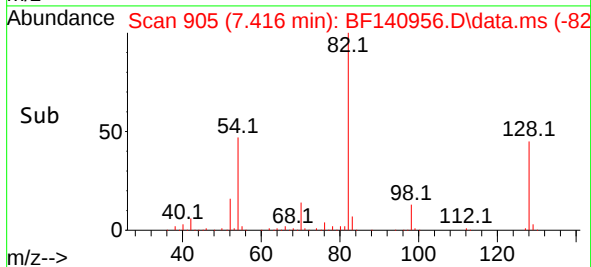
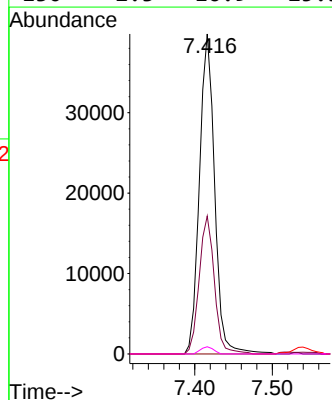
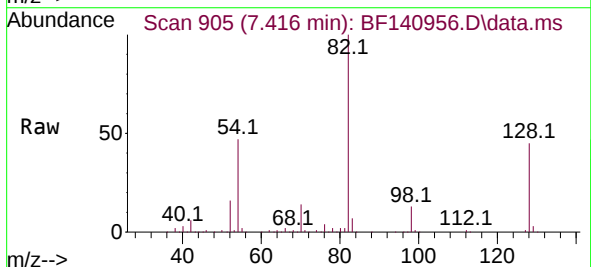
Instrument :
BNA_F
ClientSampleId :
TP-5

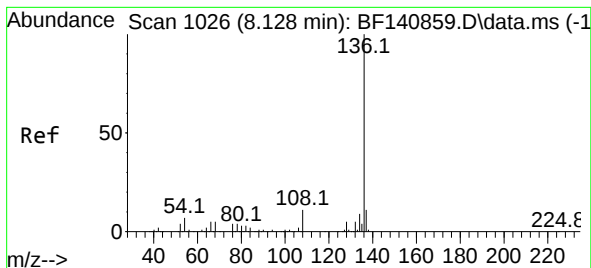
Tgt Ion: 99 Resp: 621324
Ion Ratio Lower Upper
99 100
42 17.3 14.3 21.5
71 35.9 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 23.193 ng
RT: 7.416 min Scan# 905
Delta R.T. 0.153 min
Lab File: BF140956.D
Acq: 20 Dec 2024 17:40

Tgt Ion: 70 Resp: 54211
Ion Ratio Lower Upper
70 100
42 43.1 45.3 67.9#
101 0.0 8.0 12.0#
130 2.3 16.9 25.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140956.D

Acq: 20 Dec 2024 17:40

Instrument :

BNA_F

ClientSampleId :

TP-5

Tgt Ion:136 Resp: 185251

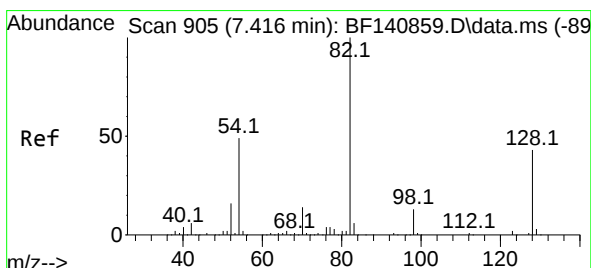
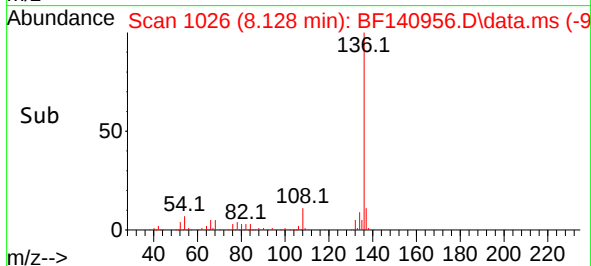
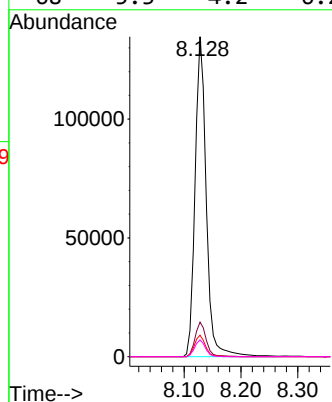
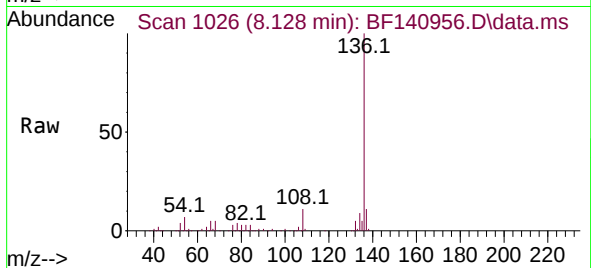
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 6.7 5.6 8.4

68 5.3 4.2 6.2



#23

Nitrobenzene-d5

Concen: 109.964 ng

RT: 7.416 min Scan# 905

Delta R.T. 0.000 min

Lab File: BF140956.D

Acq: 20 Dec 2024 17:40

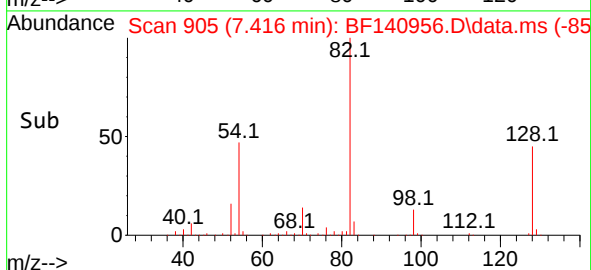
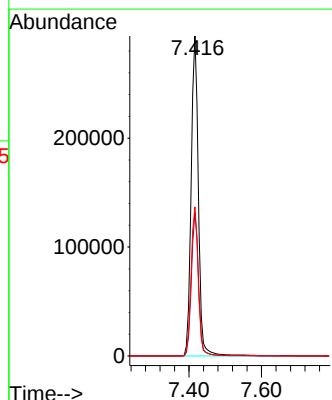
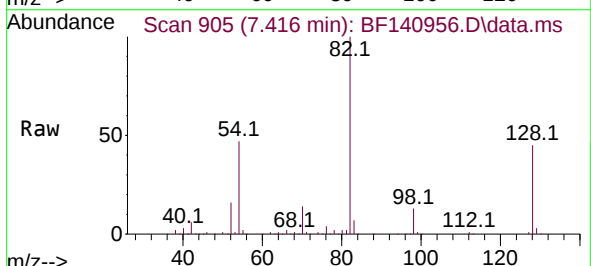
Tgt Ion: 82 Resp: 407167

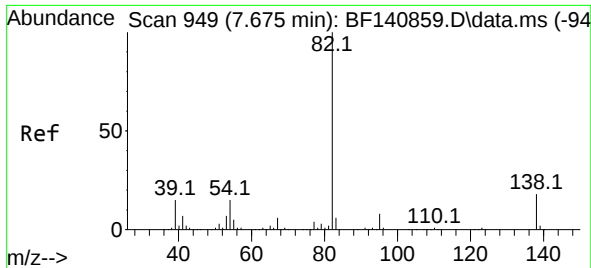
Ion Ratio Lower Upper

82 100

128 44.9 34.4 51.6

54 46.6 38.8 58.2

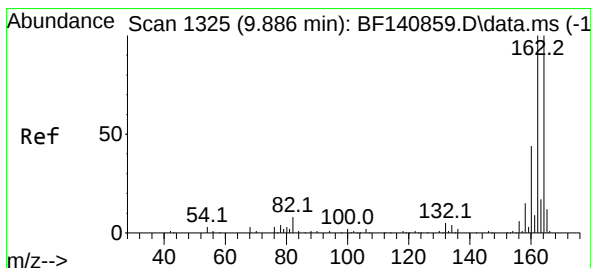
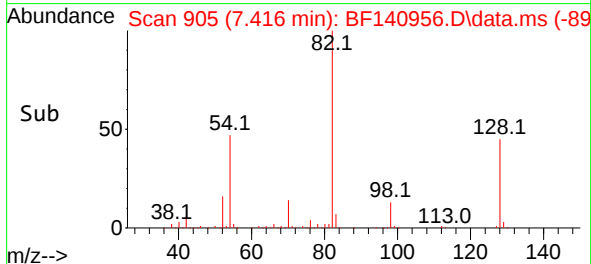
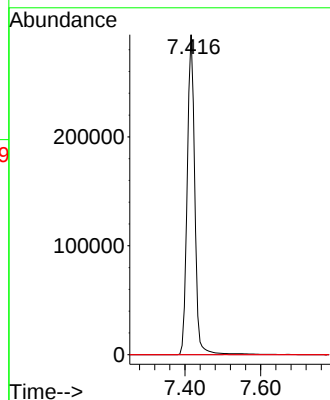
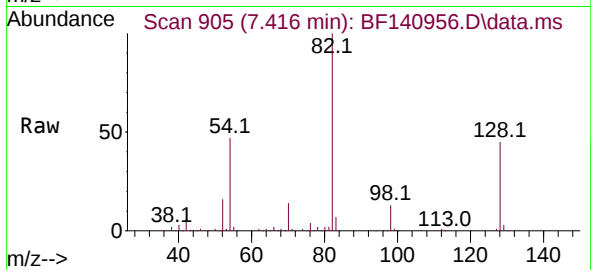




#25
Isophorone
Concen: 65.085 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.259 min
Lab File: BF140956.D
Acq: 20 Dec 2024 17:40

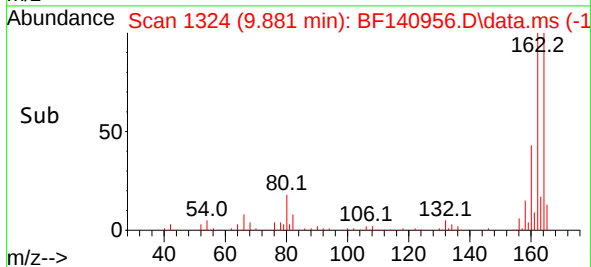
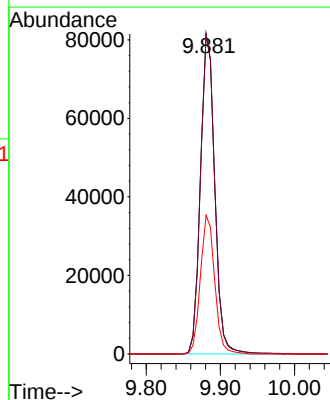
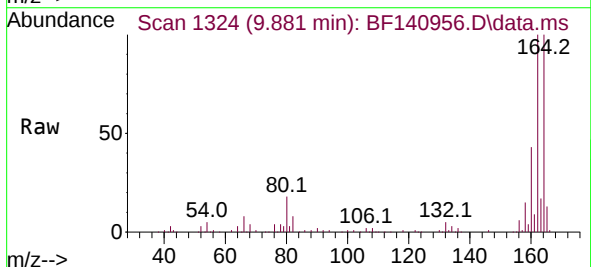
Instrument :
BNA_F
ClientSampleId :
TP-5

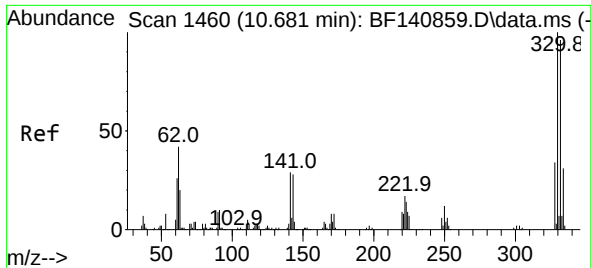
Tgt Ion: 82 Resp: 403792
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 14.1 21.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF140956.D
Acq: 20 Dec 2024 17:40

Tgt Ion:164 Resp: 108747
Ion Ratio Lower Upper
164 100
162 99.8 79.9 119.9
160 43.4 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 169.727 ng

RT: 10.681 min Scan# 1460

Delta R.T. 0.000 min

Lab File: BF140956.D

Acq: 20 Dec 2024 17:40

Instrument :

BNA_F

ClientSampleId :

TP-5

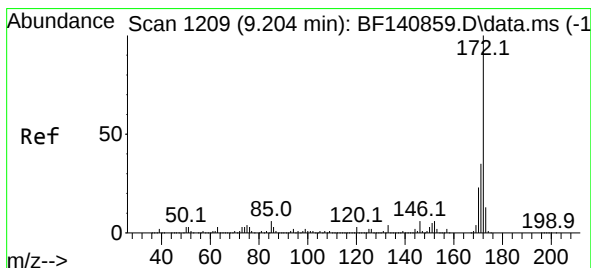
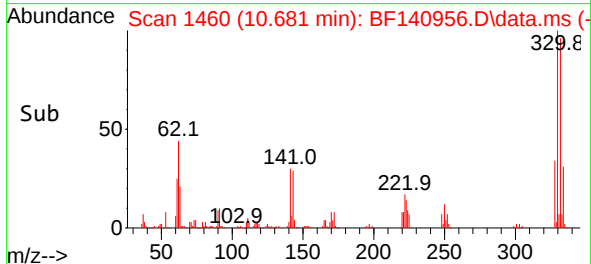
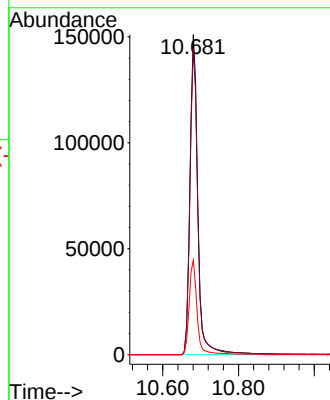
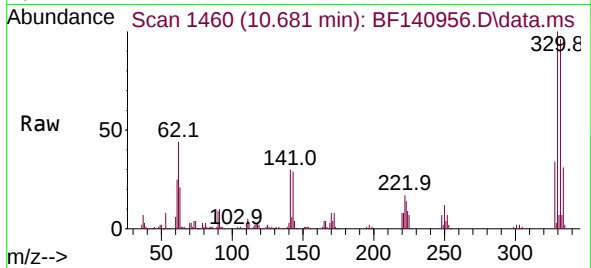
Tgt Ion:330 Resp: 218297

Ion Ratio Lower Upper

330 100

332 95.9 76.2 114.4

141 29.8 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 105.600 ng

RT: 9.204 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF140956.D

Acq: 20 Dec 2024 17:40

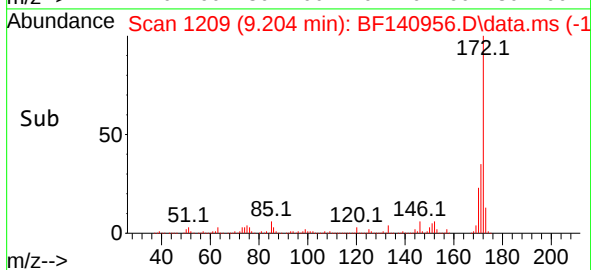
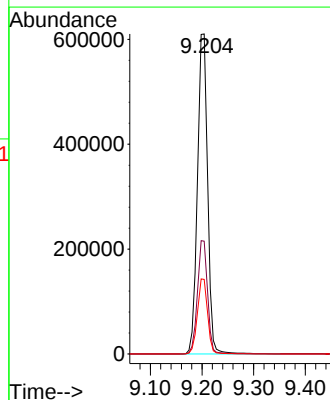
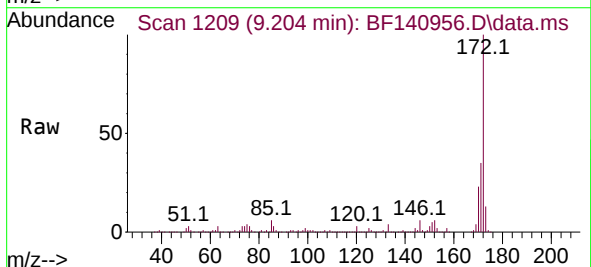
Tgt Ion:172 Resp: 835267

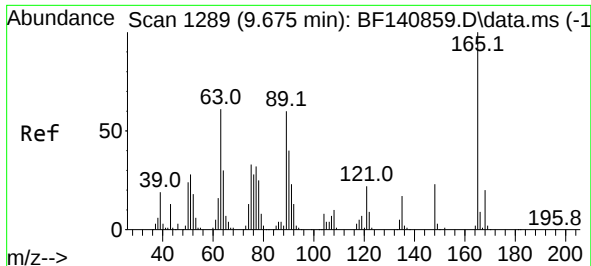
Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.3 18.6 28.0





#51

2,6-Dinitrotoluene

Concen: 7.939 ng

RT: 9.881 min Scan# 1

Delta R.T. 0.206 min

Lab File: BF140956.D

Acq: 20 Dec 2024 17:40

Instrument :

BNA_F

ClientSampleId :

TP-5

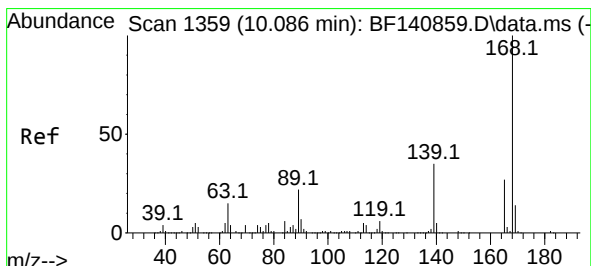
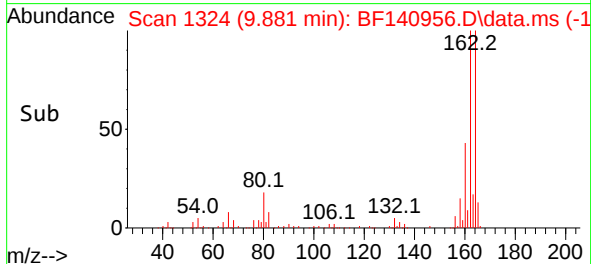
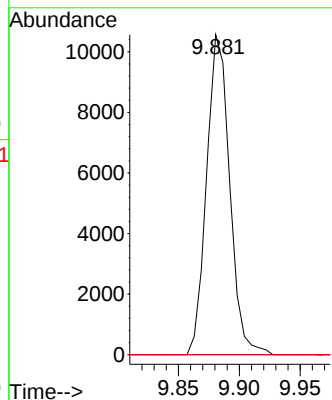
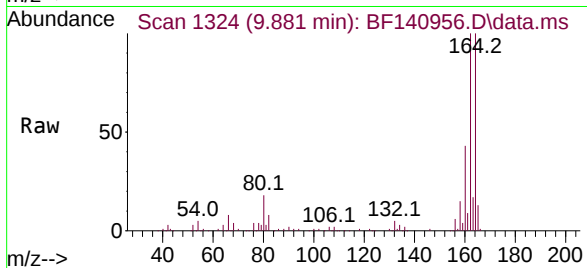
Tgt Ion:165 Resp: 13915

Ion Ratio Lower Upper

165 100

63 0.0 49.7 74.5#

89 0.0 48.2 72.4#



#57

2,4-Dinitrotoluene

Concen: 6.034 ng

RT: 9.881 min Scan# 1324

Delta R.T. -0.206 min

Lab File: BF140956.D

Acq: 20 Dec 2024 17:40

Tgt Ion:165 Resp: 13915

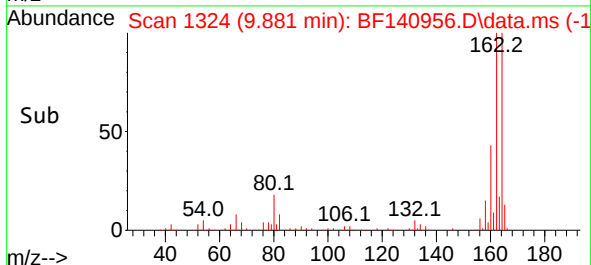
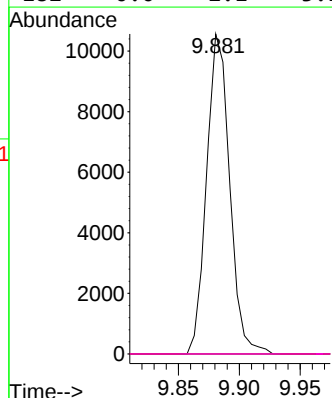
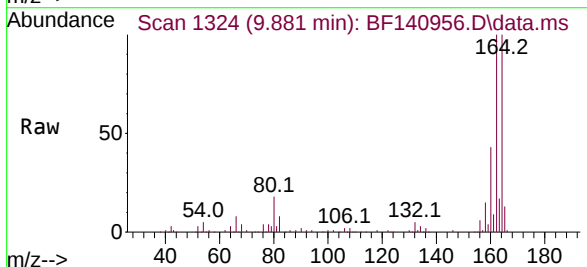
Ion Ratio Lower Upper

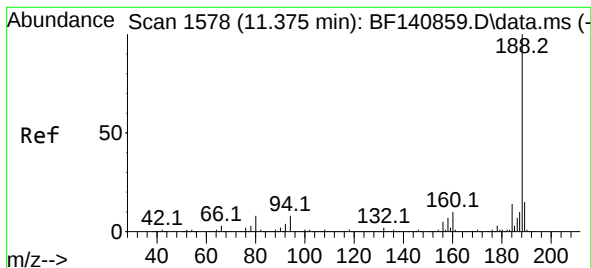
165 100

63 0.0 49.3 73.9#

89 0.0 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: BF140956.D

Acq: 20 Dec 2024 17:40

Instrument :

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ClientSampleId :

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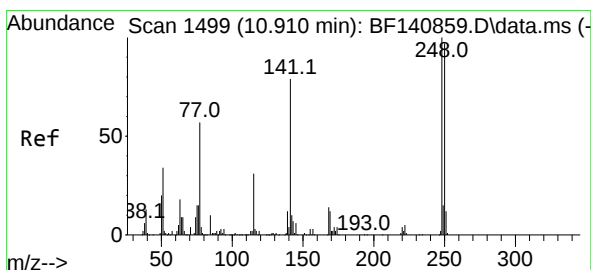
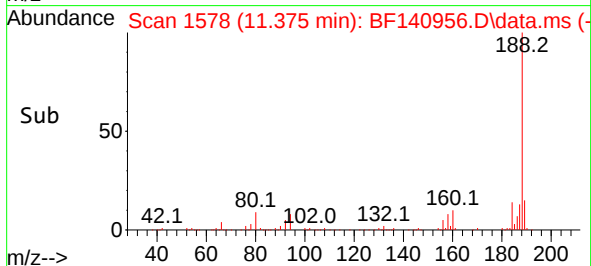
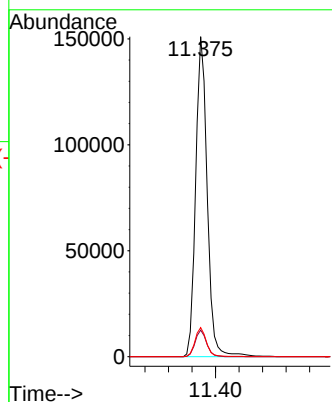
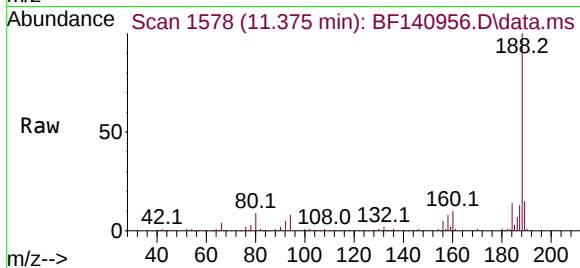
Tgt Ion:188 Resp: 205721

Ion Ratio Lower Upper

188 100

94 8.3 6.4 9.6

80 9.1 6.8 10.2



#67

4-Bromophenyl-phenylether

Concen: 5.922 ng

RT: 10.681 min Scan# 1460

Delta R.T. -0.229 min

Lab File: BF140956.D

Acq: 20 Dec 2024 17:40

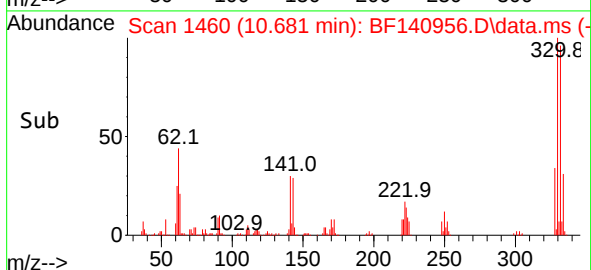
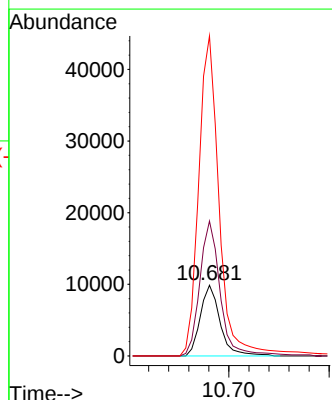
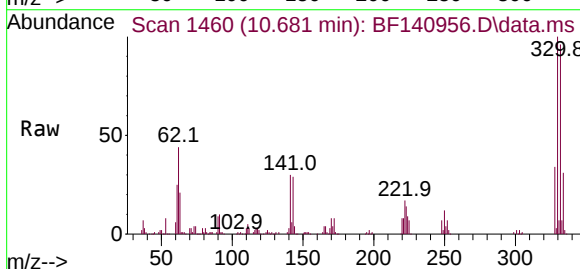
Tgt Ion:248 Resp: 13630

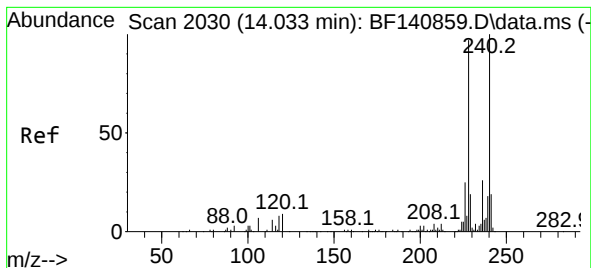
Ion Ratio Lower Upper

248 100

250 190.8 77.4 116.2#

141 452.6 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: BF140956.D

Acq: 20 Dec 2024 17:40

Instrument :

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ClientSampleId :

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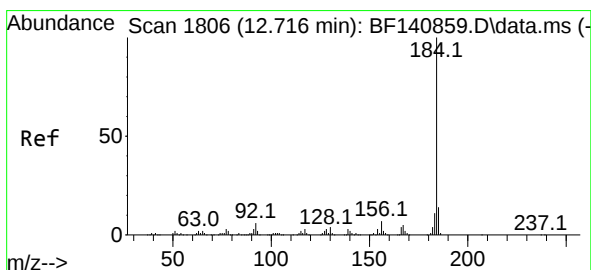
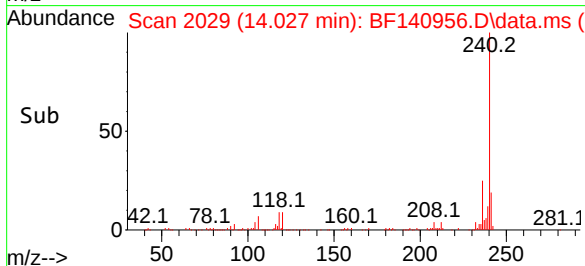
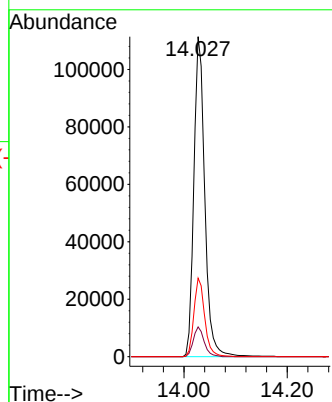
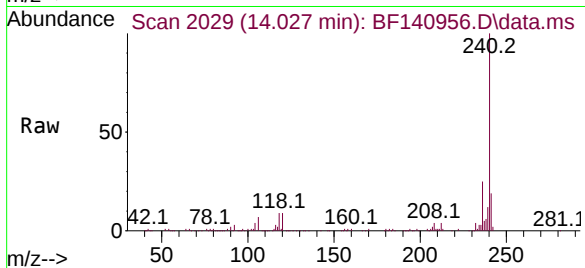
Tgt Ion:240 Resp: 163371

Ion Ratio Lower Upper

240 100

120 9.3 7.6 11.4

236 24.6 20.5 30.7



#77

Benzidine

Concen: 4.021 ng

RT: 12.963 min Scan# 1848

Delta R.T. 0.247 min

Lab File: BF140956.D

Acq: 20 Dec 2024 17:40

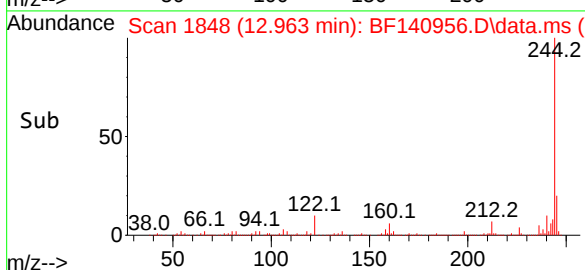
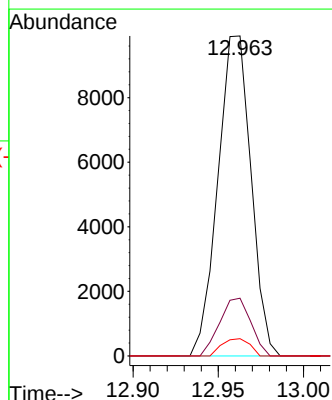
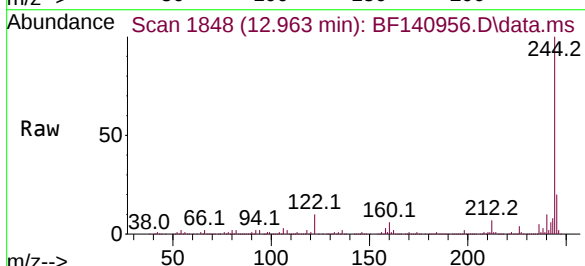
Tgt Ion:184 Resp: 13407

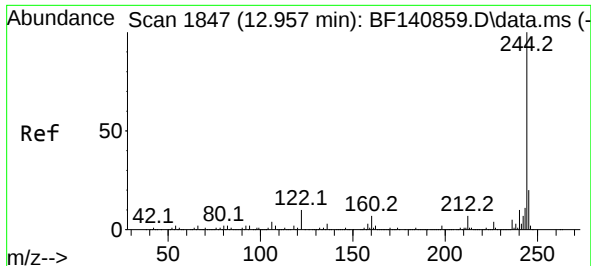
Ion Ratio Lower Upper

184 100

185 18.0 11.1 16.7#

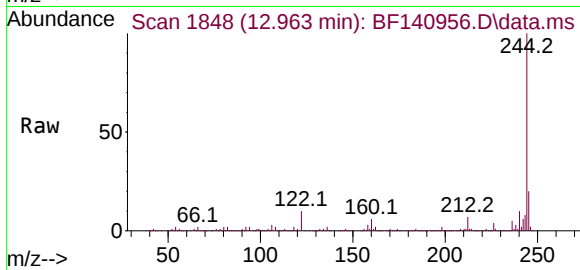
183 5.4 9.0 13.4#



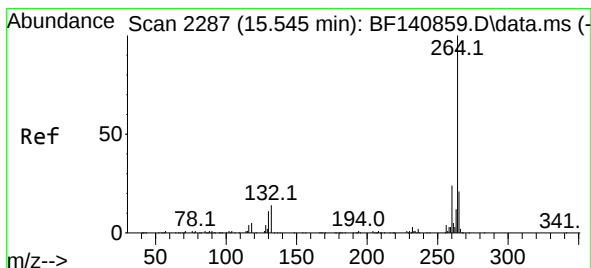
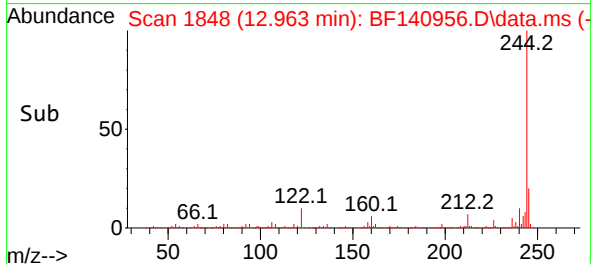
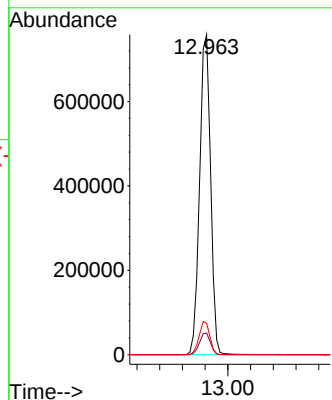


#79
Terphenyl-d14
Concen: 98.553 ng
RT: 12.963 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140956.D
Acq: 20 Dec 2024 17:40

Instrument :
BNA_F
ClientSampleId :
TP-5



Tgt Ion:244 Resp: 1021054
Ion Ratio Lower Upper
244 100
212 6.7 5.6 8.4
122 9.9 8.2 12.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2283
Delta R.T. -0.024 min
Lab File: BF140956.D
Acq: 20 Dec 2024 17:40

Tgt Ion:264 Resp: 127175
Ion Ratio Lower Upper
264 100
260 22.9 19.1 28.7
265 21.2 17.0 25.4

