

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081924\
 Data File : BF139072.D
 Acq On : 19 Aug 2024 14:17
 Operator : RC/JU
 Sample : PB162612BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162612BL

Quant Time: Aug 19 15:15:26 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)

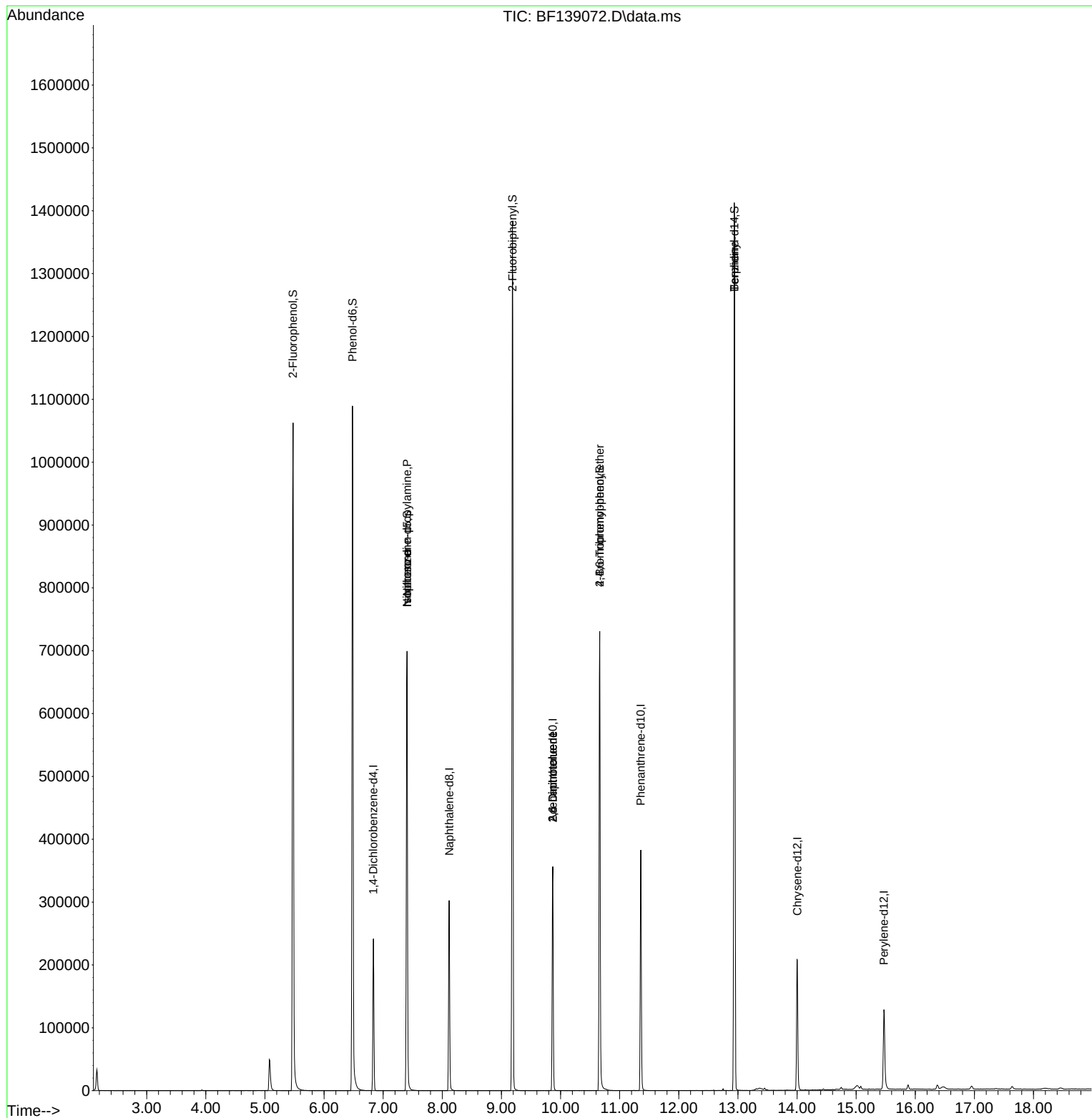
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	44651	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	183175	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	106164	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	194641	20.000	ng	-0.01
76) Chrysene-d12	14.004	240	108211	20.000	ng	# 0.00
86) Perylene-d12	15.469	264	85541	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	355214	122.803	ng	0.00
7) Phenol-d6	6.481	99	473719	121.981	ng	0.00
23) Nitrobenzene-d5	7.404	82	313577	83.697	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	105188	120.958	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	583245	82.544	ng	-0.02
79) Terphenyl-d14	12.939	244	677546	104.832	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	42899	18.289	ng	# 81
25) Isophorone	7.404	82	313598	49.019	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	13932	9.094	ng	# 21
57) 2,4-Dinitrotoluene	9.869	165	13932	7.128	ng	# 17
67) 4-Bromophenyl-phenylether	10.663	248	7972	3.783	ng	# 1
77) Benzidine	12.939	184	10190	3.937	ng	# 93

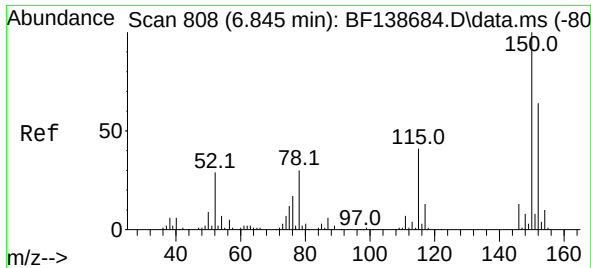
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081924\
Data File : BF139072.D
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Operator : RC/JU
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BNA_F
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PB162612BL

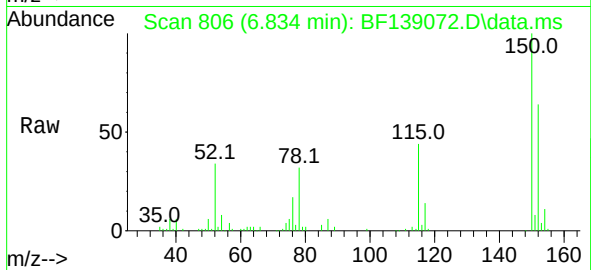
Quant Time: Aug 19 15:15:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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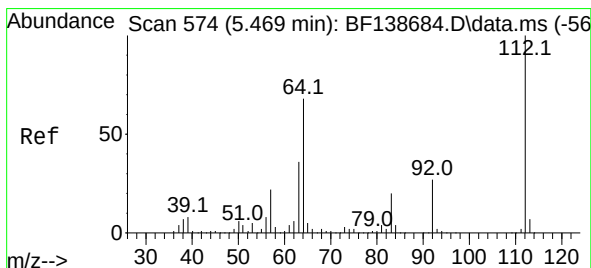
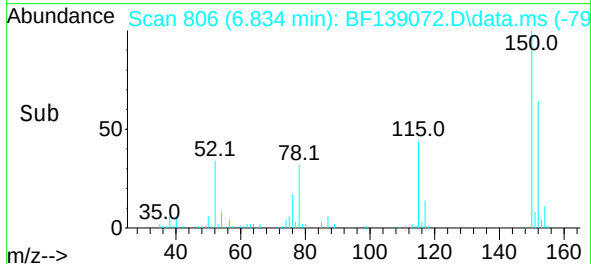
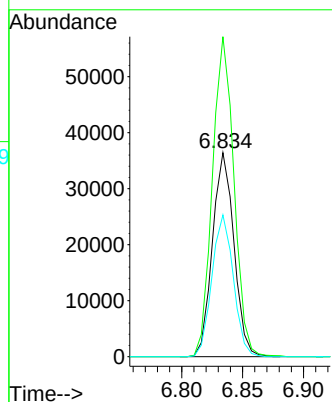


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.011 min
Lab File: BF139072.D
Acq: 19 Aug 2024 14:17

Instrument :
BNA_F
ClientSampleId :
PB162612BL

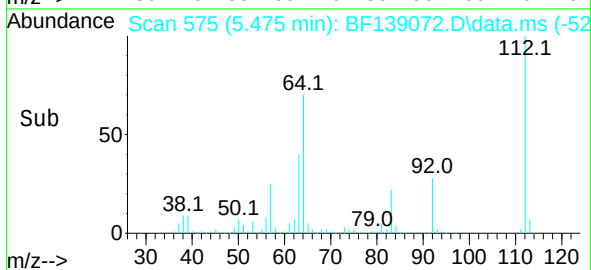
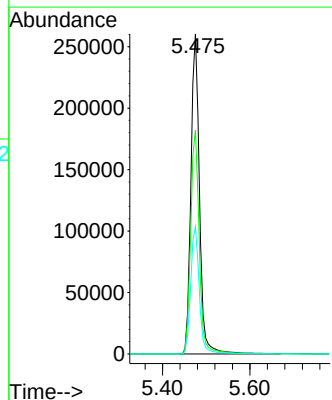
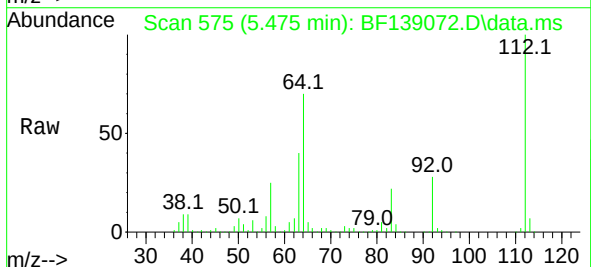


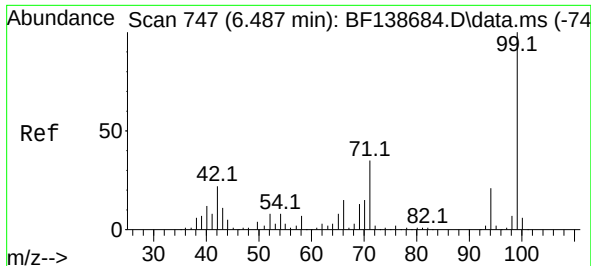
Tgt Ion:152 Resp: 44651
Ion Ratio Lower Upper
152 100
150 156.8 126.0 189.0
115 69.5 51.7 77.5



#5
2-Fluorophenol
Concen: 122.803 ng
RT: 5.475 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF139072.D
Acq: 19 Aug 2024 14:17

Tgt Ion:112 Resp: 355214
Ion Ratio Lower Upper
112 100
64 70.0 54.2 81.4
63 39.9 28.7 43.1

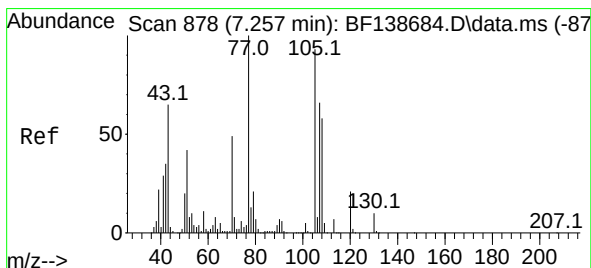
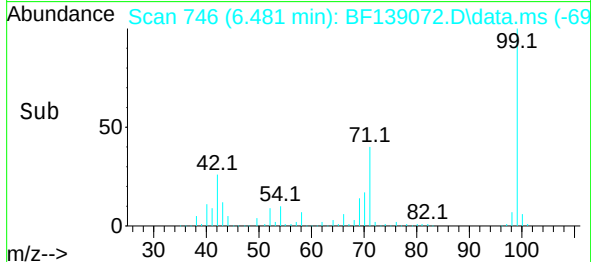
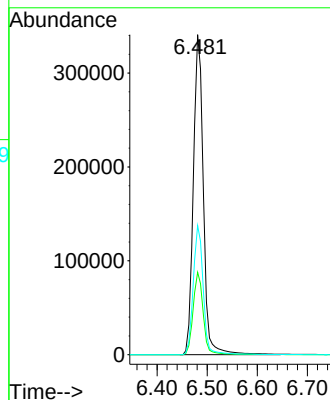
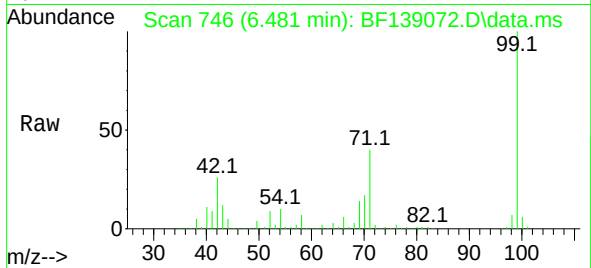




#7
Phenol-d6
Concen: 121.981 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139072.D
Acq: 19 Aug 2024 14:17

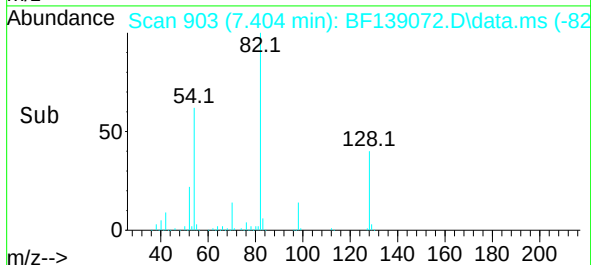
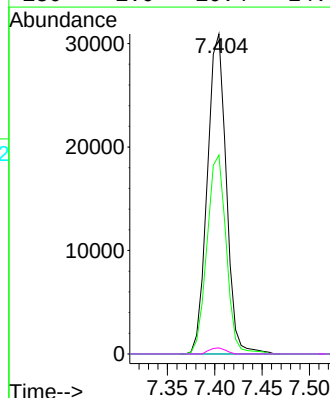
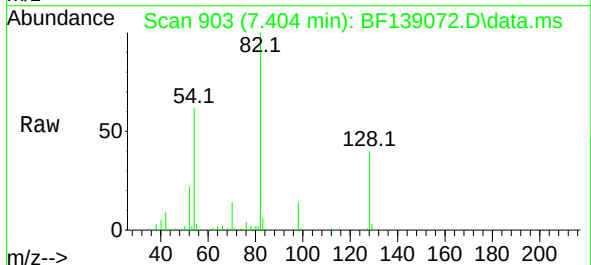
Instrument :
BNA_F
ClientSampleId :
PB162612BL

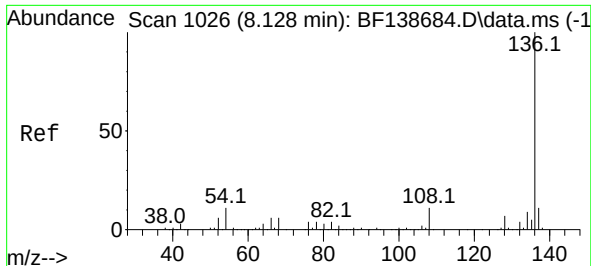
Tgt Ion: 99 Resp: 473719
Ion Ratio Lower Upper
99 100
42 25.8 17.4 26.0
71 40.3 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 18.289 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF139072.D
Acq: 19 Aug 2024 14:17

Tgt Ion: 70 Resp: 42899
Ion Ratio Lower Upper
70 100
42 62.1 57.4 86.0
101 0.0 7.5 11.3#
130 1.9 16.4 24.6#





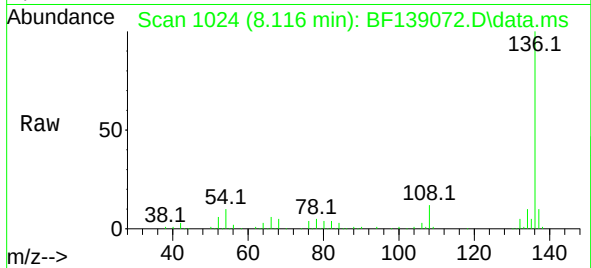
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF139072.D
Acq: 19 Aug 2024 14:17

Instrument :

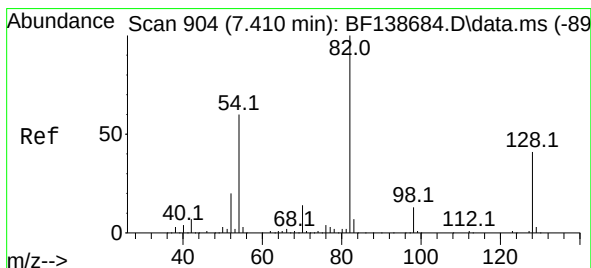
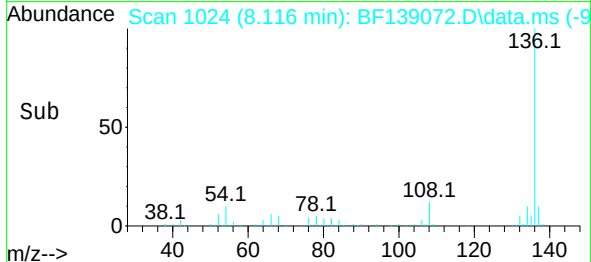
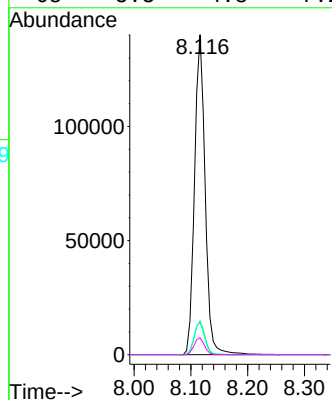
BNA_F

ClientSampleId :

PB162612BL

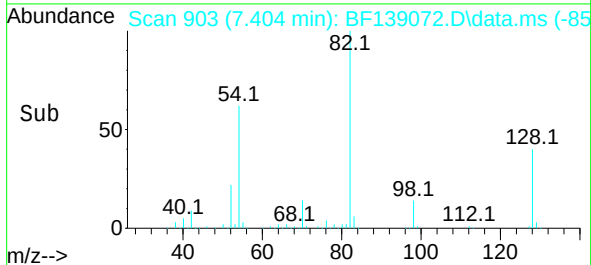
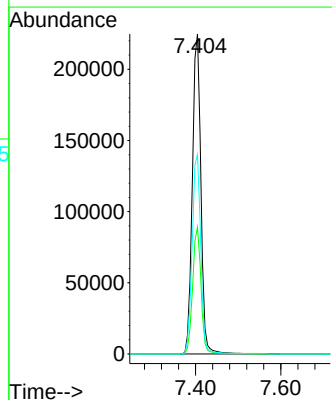
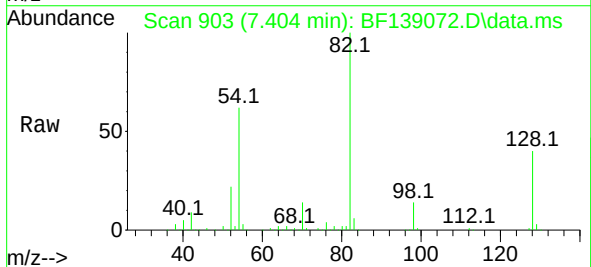


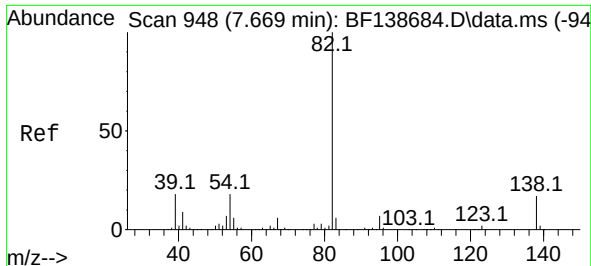
Tgt Ion:136 Resp: 183175
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 10.1 8.6 12.8
68 5.3 4.8 7.2



#23
Nitrobenzene-d5
Concen: 83.697 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF139072.D
Acq: 19 Aug 2024 14:17

Tgt Ion: 82 Resp: 313577
Ion Ratio Lower Upper
82 100
128 39.7 32.8 49.2
54 62.3 48.3 72.5

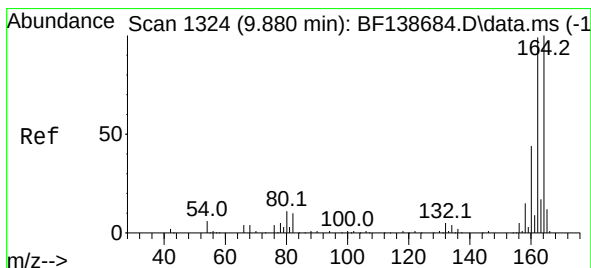
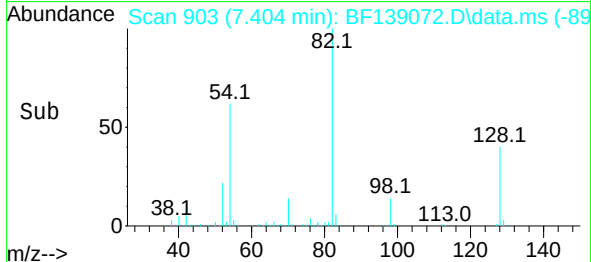
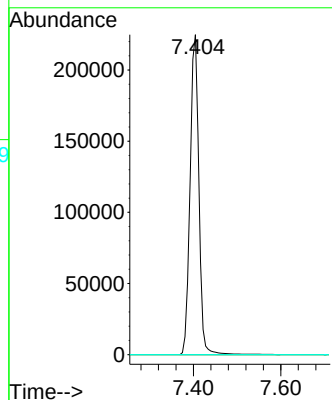
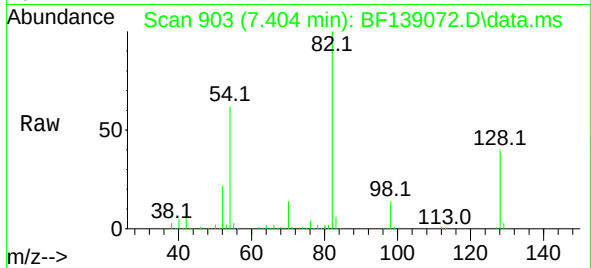




#25
Isophorone
Concen: 49.019 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139072.D
Acq: 19 Aug 2024 14:17

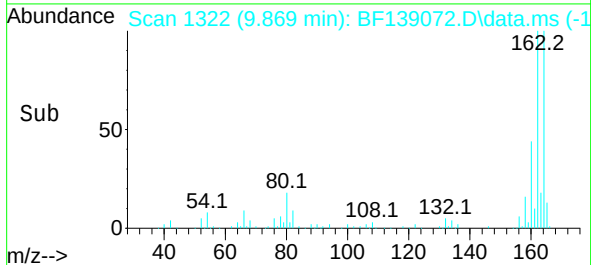
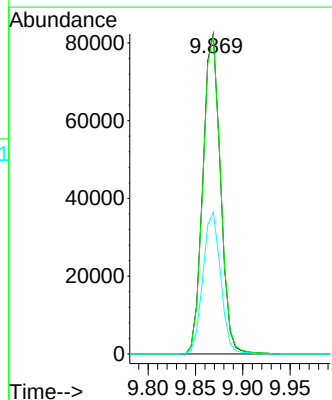
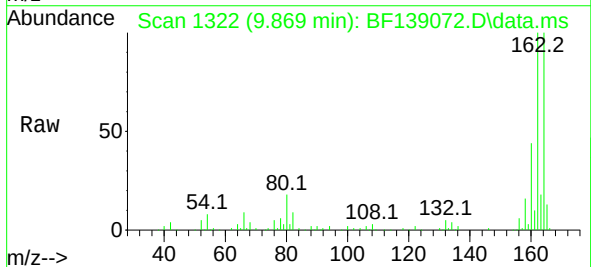
Instrument :
BNA_F
ClientSampleId :
PB162612BL

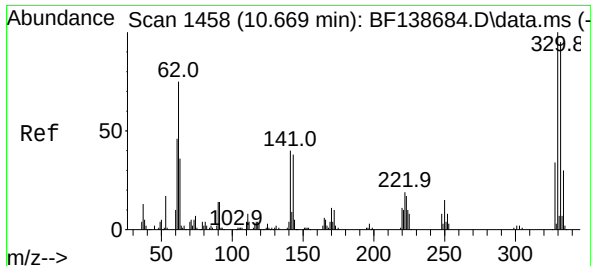
Tgt Ion: 82 Resp: 313598
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF139072.D
Acq: 19 Aug 2024 14:17

Tgt Ion:164 Resp: 106164
Ion Ratio Lower Upper
164 100
162 99.6 79.4 119.0
160 44.3 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 120.958 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF139072.D

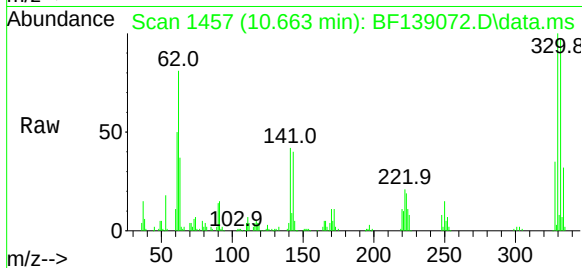
Acq: 19 Aug 2024 14:17

Instrument :

BNA_F

ClientSampleId :

PB162612BL



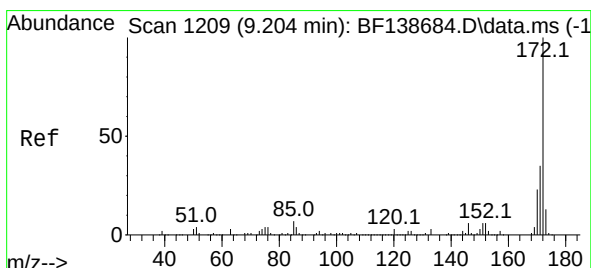
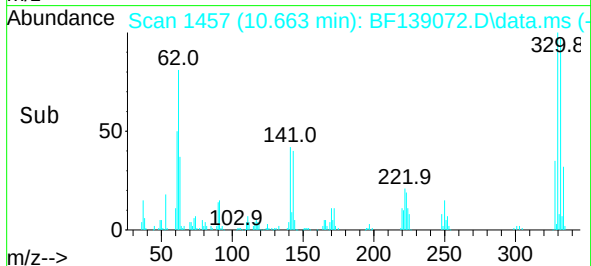
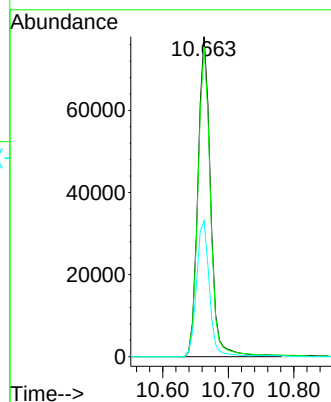
Tgt Ion:330 Resp: 105188

Ion Ratio Lower Upper

330 100

332 96.8 76.4 114.6

141 42.9 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 82.544 ng

RT: 9.187 min Scan# 1206

Delta R.T. -0.018 min

Lab File: BF139072.D

Acq: 19 Aug 2024 14:17

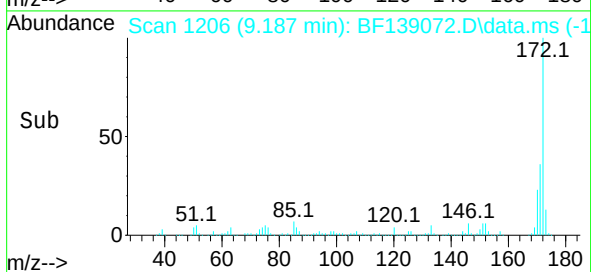
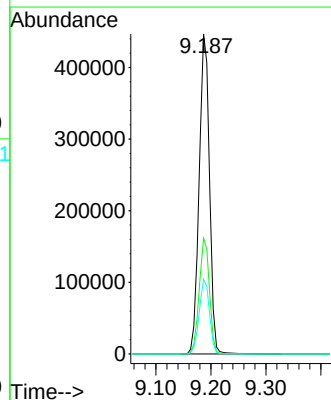
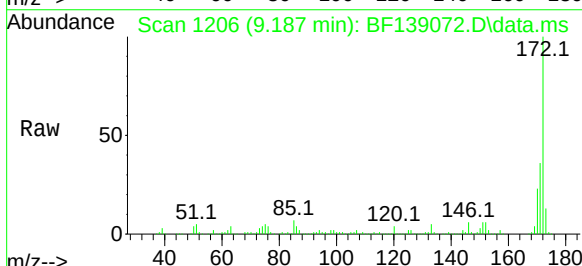
Tgt Ion:172 Resp: 583245

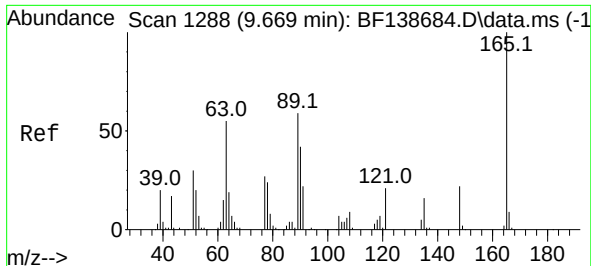
Ion Ratio Lower Upper

172 100

171 36.1 28.3 42.5

170 23.3 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 9.094 ng

RT: 9.869 min Scan# 1322

Delta R.T. 0.200 min

Lab File: BF139072.D

Acq: 19 Aug 2024 14:17

Instrument :

BNA_F

ClientSampleId :

PB162612BL

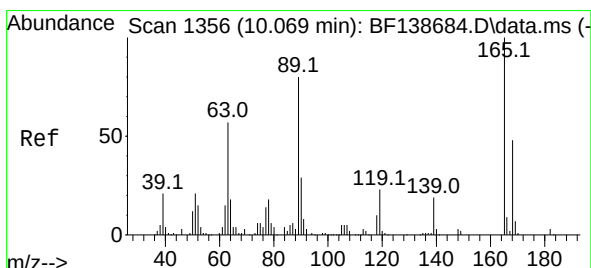
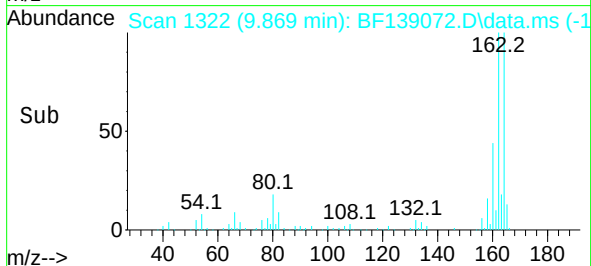
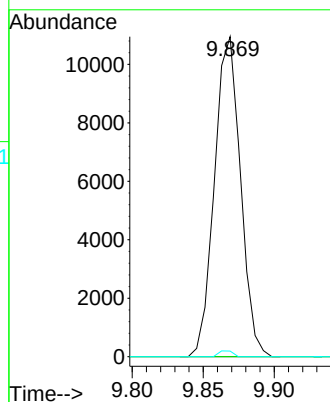
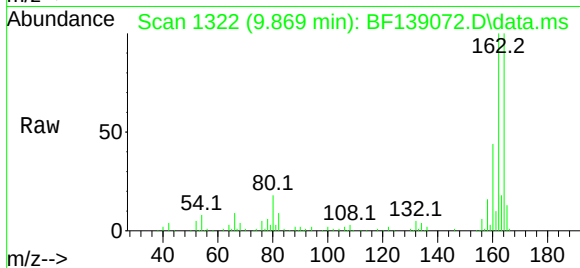
Tgt Ion:165 Resp: 13932

Ion Ratio Lower Upper

165 100

63 0.0 52.0 78.0#

89 1.7 47.0 70.6#



#57

2,4-Dinitrotoluene

Concen: 7.128 ng

RT: 9.869 min Scan# 1322

Delta R.T. -0.200 min

Lab File: BF139072.D

Acq: 19 Aug 2024 14:17

Tgt Ion:165 Resp: 13932

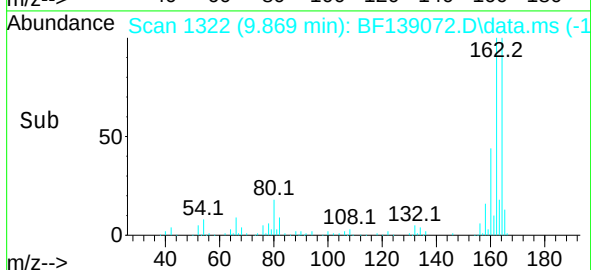
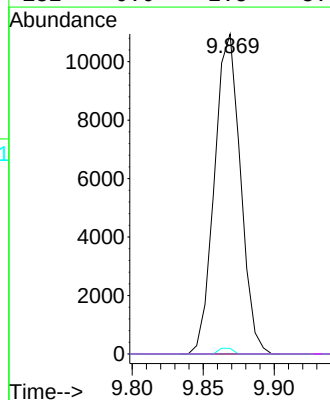
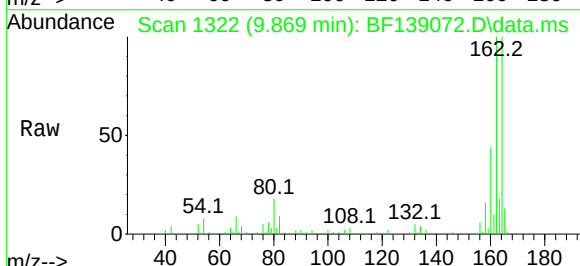
Ion Ratio Lower Upper

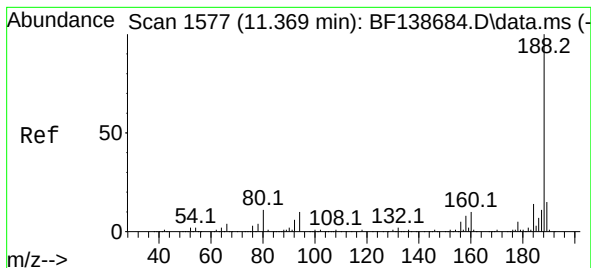
165 100

63 0.0 46.3 69.5#

89 1.7 64.2 96.4#

182 0.0 2.5 3.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1457

Delta R.T. -0.012 min

Lab File: BF139072.D

Acq: 19 Aug 2024 14:17

Instrument :

BNA_F

ClientSampleId :

PB162612BL

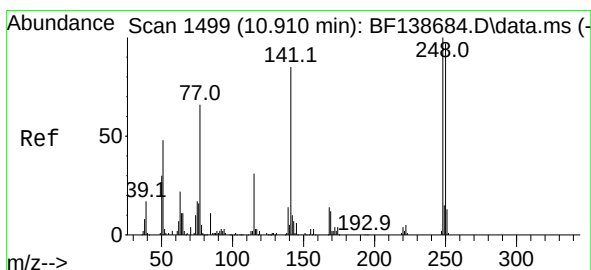
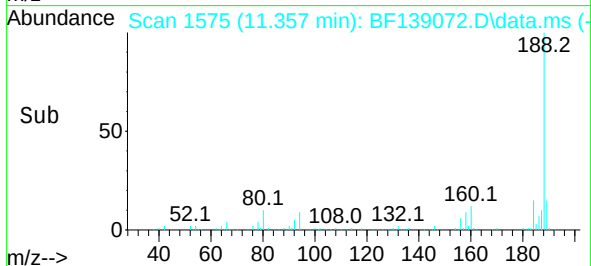
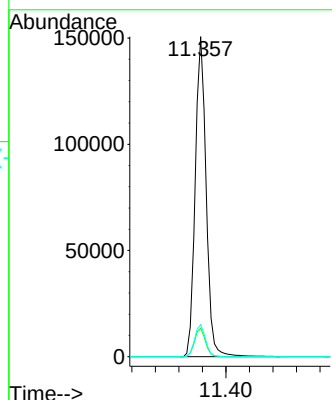
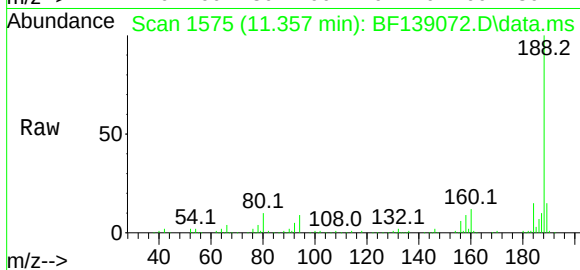
Tgt Ion:188 Resp: 194641

Ion Ratio Lower Upper

188 100

94 9.0 7.6 11.4

80 10.0 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 3.783 ng

RT: 10.663 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF139072.D

Acq: 19 Aug 2024 14:17

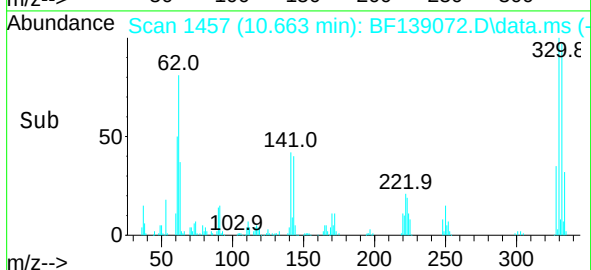
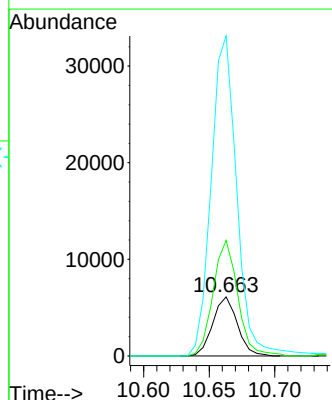
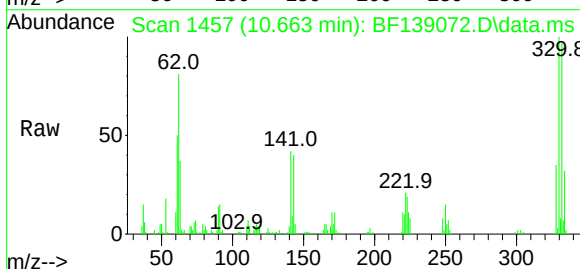
Tgt Ion:248 Resp: 7972

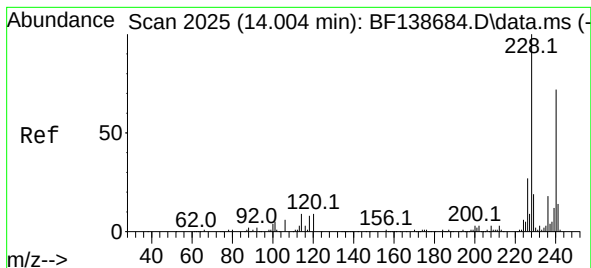
Ion Ratio Lower Upper

248 100

250 195.7 77.7 116.5#

141 542.2 68.0 102.0#

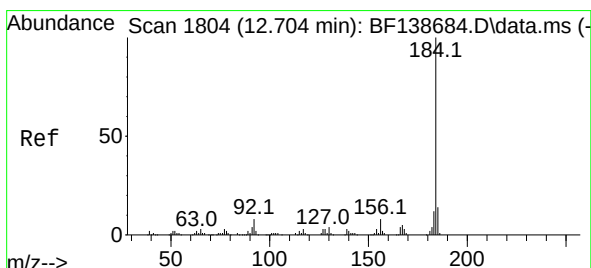
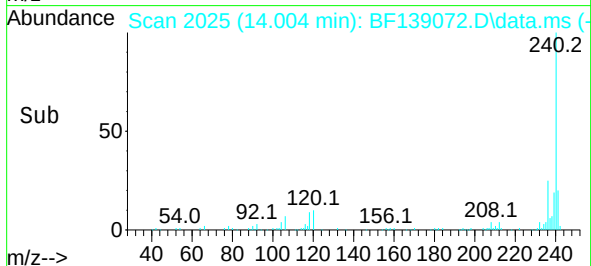
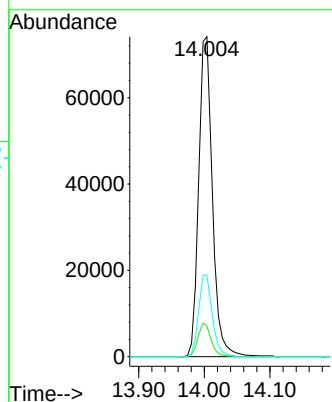
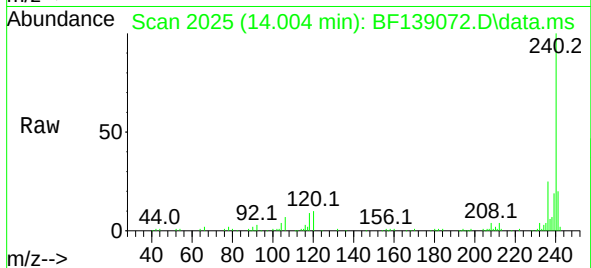




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF139072.D
Acq: 19 Aug 2024 14:17

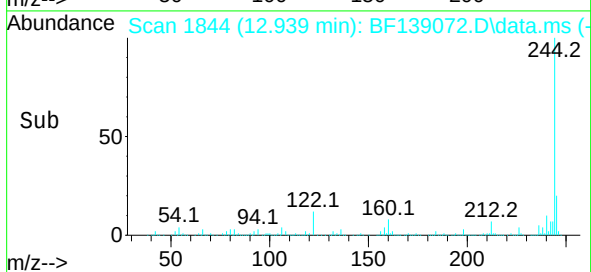
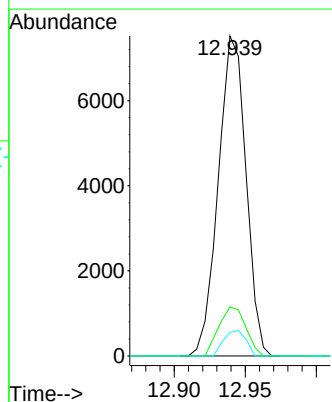
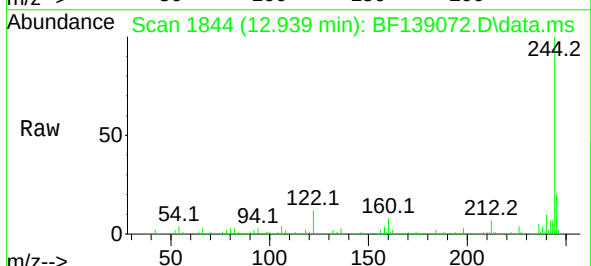
Instrument :
BNA_F
ClientSampleId :
PB162612BL

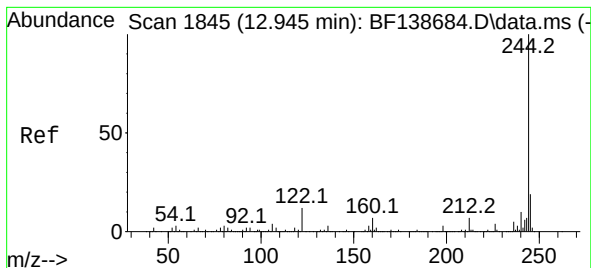
Tgt Ion:240 Resp: 108211
Ion Ratio Lower Upper
240 100
120 9.6 10.2 15.4#
236 25.4 19.8 29.8



#77
Benzidine
Concen: 3.937 ng
RT: 12.939 min Scan# 1844
Delta R.T. 0.235 min
Lab File: BF139072.D
Acq: 19 Aug 2024 14:17

Tgt Ion:184 Resp: 10190
Ion Ratio Lower Upper
184 100
185 15.4 11.1 16.7
183 7.3 9.6 14.4#





#79

Terphenyl-d14

Concen: 104.832 ng

RT: 12.939 min Scan# 1844

Delta R.T. -0.006 min

Lab File: BF139072.D

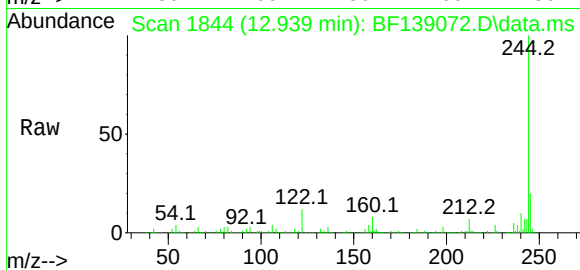
Acq: 19 Aug 2024 14:17

Instrument :

BNA_F

ClientSampleId :

PB162612BL



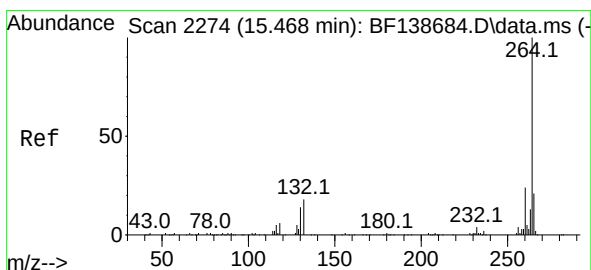
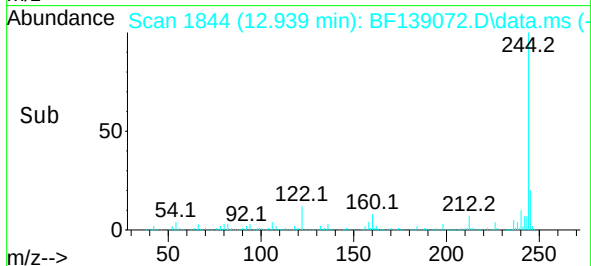
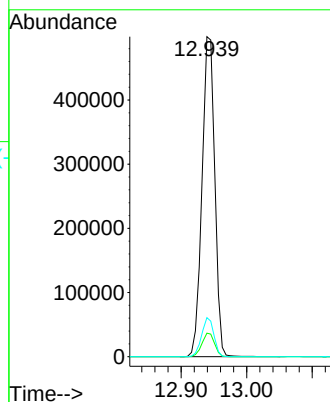
Tgt Ion:244 Resp: 677546

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.2

122 12.2 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.469 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF139072.D

Acq: 19 Aug 2024 14:17

Tgt Ion:264 Resp: 85541

Ion Ratio Lower Upper

264 100

260 23.0 19.0 28.6

265 21.6 17.0 25.6

