

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081424\
 Data File : BF139000.D
 Acq On : 14 Aug 2024 18:14
 Operator : RC/JU
 Sample : P3548-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 289

Quant Time: Aug 14 18:44:52 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)

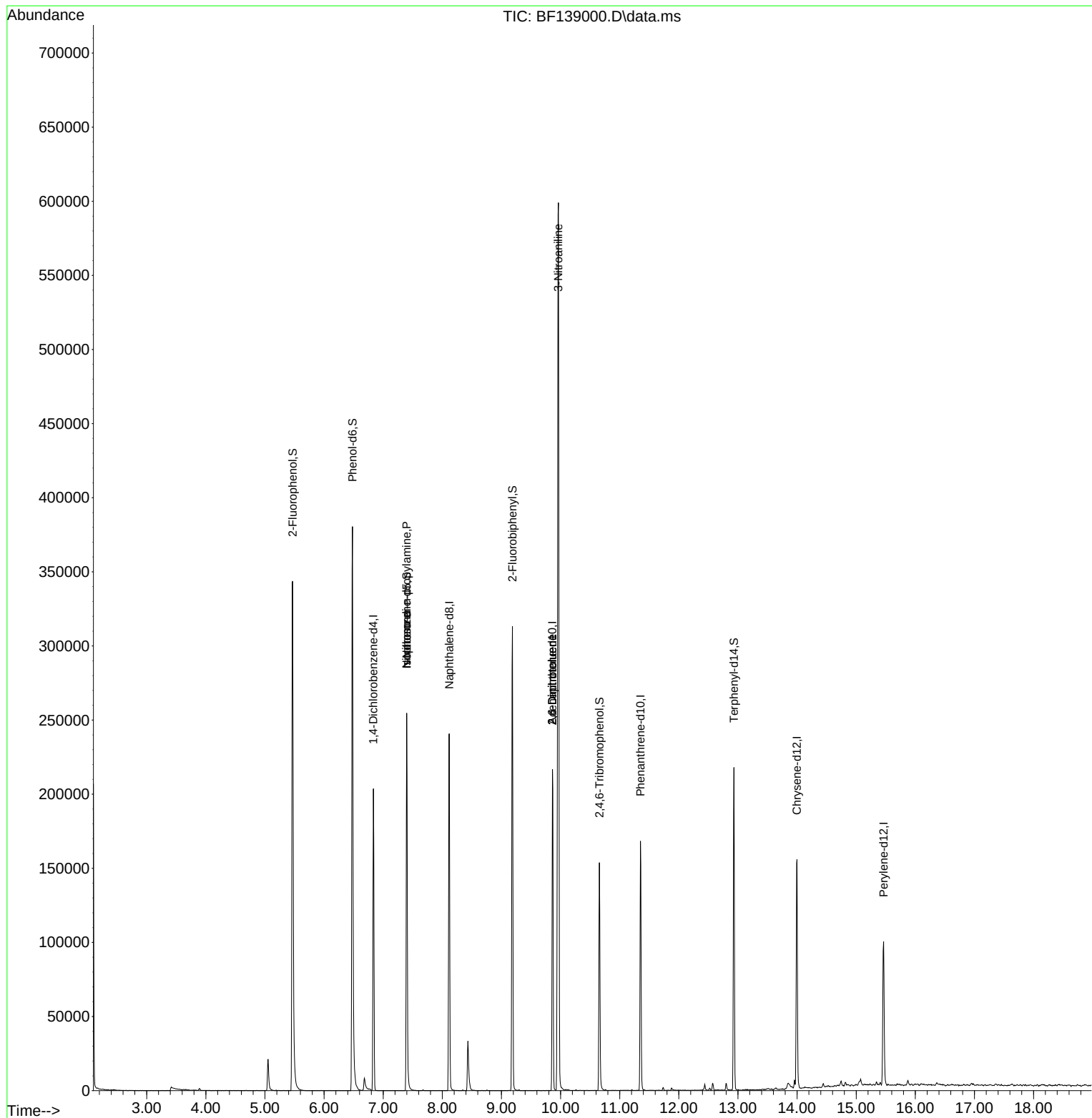
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	36362	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	140767	20.000	ng	#-0.01
39) Acenaphthene-d10	9.863	164	62688	20.000	ng	-0.02
64) Phenanthrene-d10	11.351	188	86694	20.000	ng	-0.02
76) Chrysene-d12	13.998	240	73644	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	56352	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	131689	55.905	ng	0.00
7) Phenol-d6	6.481	99	173979	55.011	ng	0.00
23) Nitrobenzene-d5	7.398	82	106978	37.156	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	21344	41.566	ng	-0.01
45) 2-Fluorobiphenyl	9.186	172	129013	30.922	ng	-0.02
79) Terphenyl-d14	12.933	244	101095	22.984	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.398	70	15073	7.891	ng	# 78
25) Isophorone	7.398	82	106977	21.760	ng	# 66
51) 2,6-Dinitrotoluene	9.863	165	8317	9.194	ng	# 19
53) 3-Nitroaniline	9.963	138	5656	6.048	ng	# 1
57) 2,4-Dinitrotoluene	9.863	165	8317	7.206	ng	# 16

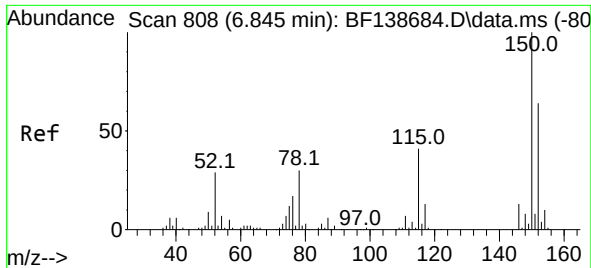
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081424\
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Quant Time: Aug 14 18:44:52 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

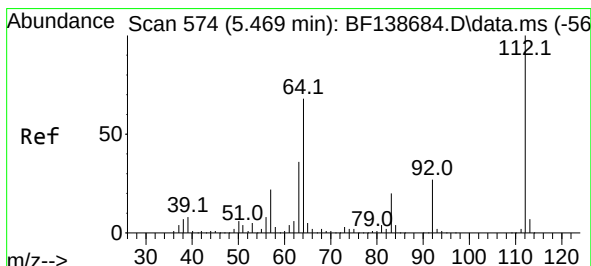
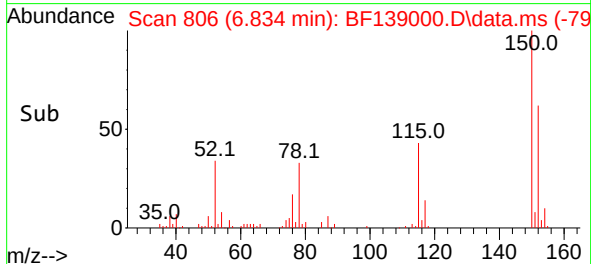
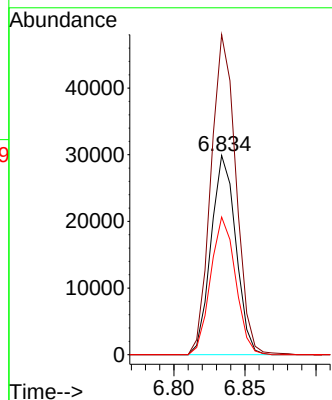
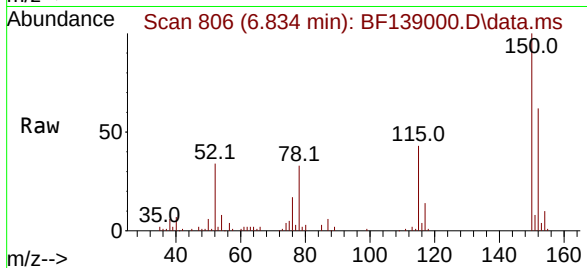




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.011 min
Lab File: BF139000.D
Acq: 14 Aug 2024 18:14

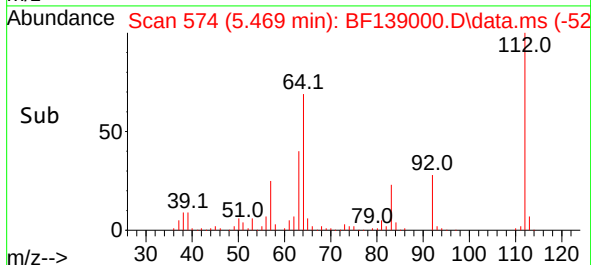
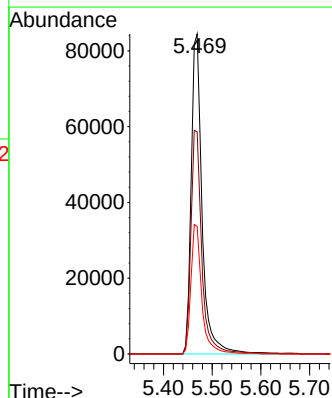
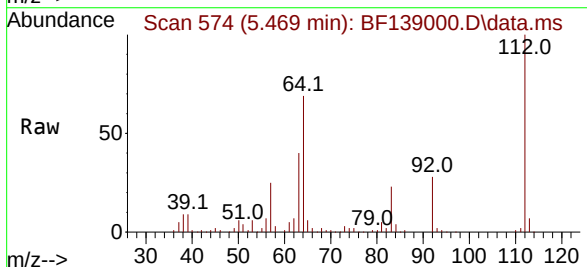
Instrument :
BNA_F
ClientSampleId :
289

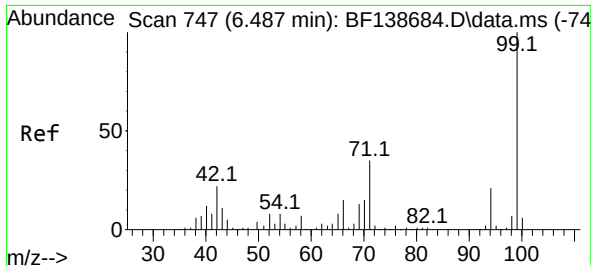
Tgt Ion:152 Resp: 36362
Ion Ratio Lower Upper
152 100
150 160.7 126.0 189.0
115 69.1 51.7 77.5



#5
2-Fluorophenol
Concen: 55.905 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF139000.D
Acq: 14 Aug 2024 18:14

Tgt Ion:112 Resp: 131689
Ion Ratio Lower Upper
112 100
64 69.4 54.2 81.4
63 39.8 28.7 43.1

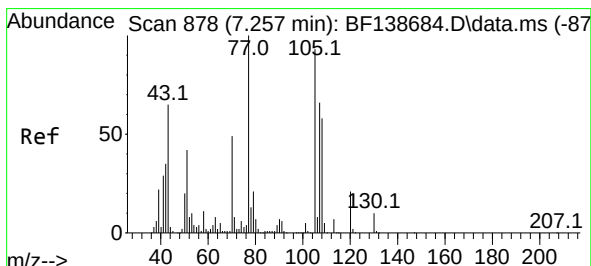
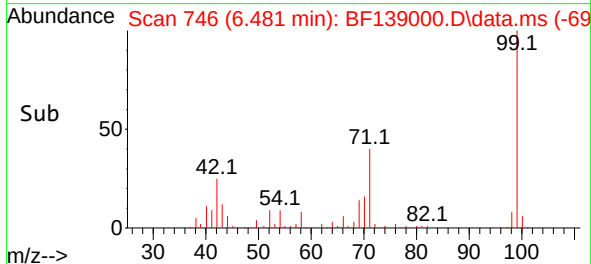
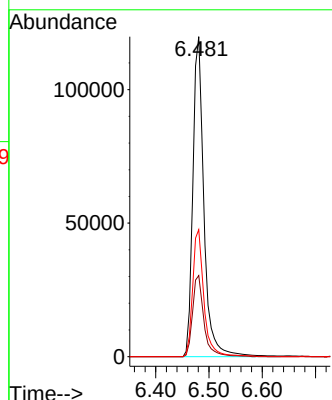
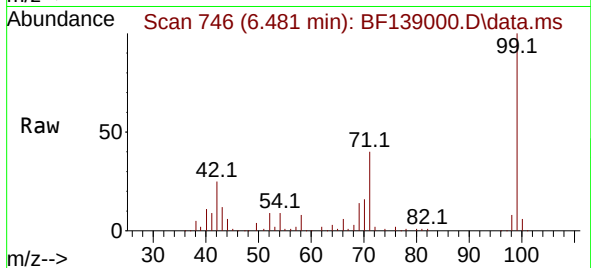




#7
Phenol-d6
Concen: 55.011 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139000.D
Acq: 14 Aug 2024 18:14

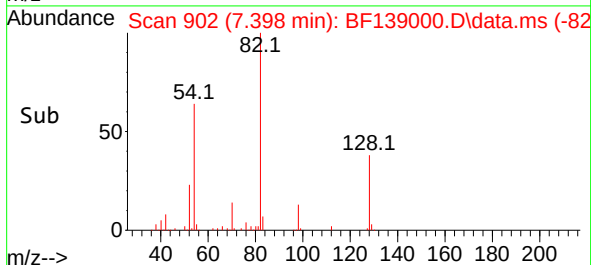
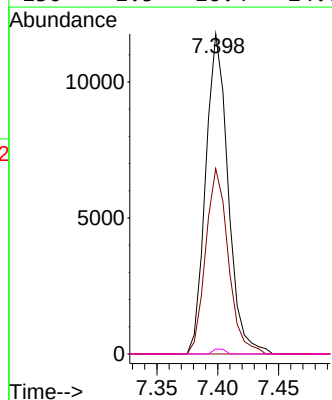
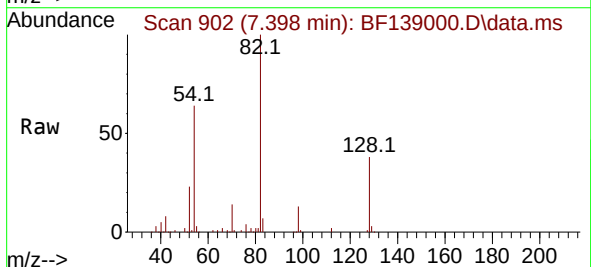
Instrument :
BNA_F
ClientSampleId :
289

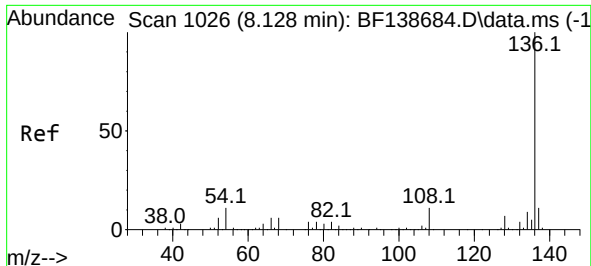
Tgt Ion: 99 Resp: 173979
Ion Ratio Lower Upper
99 100
42 25.4 17.4 26.0
71 39.7 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 7.891 ng
RT: 7.398 min Scan# 902
Delta R.T. 0.141 min
Lab File: BF139000.D
Acq: 14 Aug 2024 18:14

Tgt Ion: 70 Resp: 15073
Ion Ratio Lower Upper
70 100
42 57.9 57.4 86.0
101 0.0 7.5 11.3#
130 1.5 16.4 24.6#

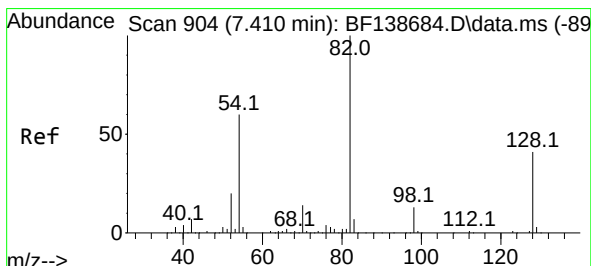
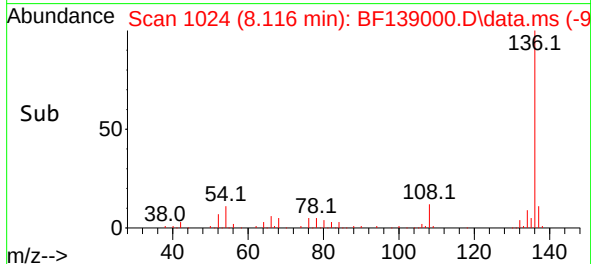
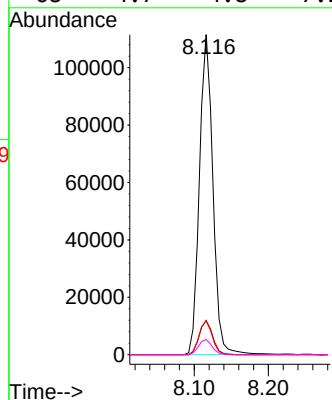
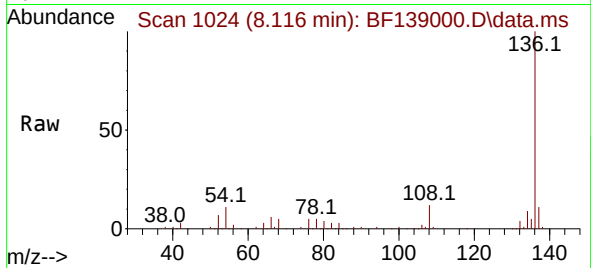




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF139000.D
Acq: 14 Aug 2024 18:14

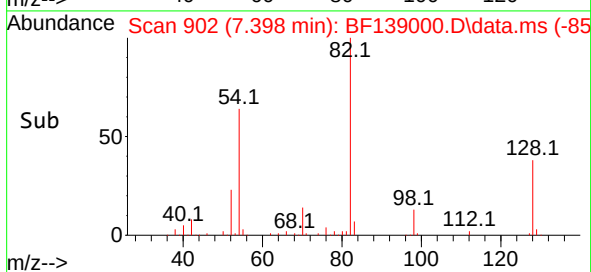
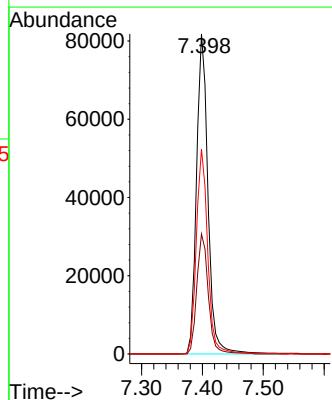
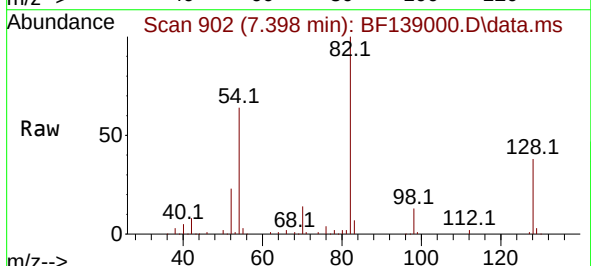
Instrument :
BNA_F
ClientSampleId :
289

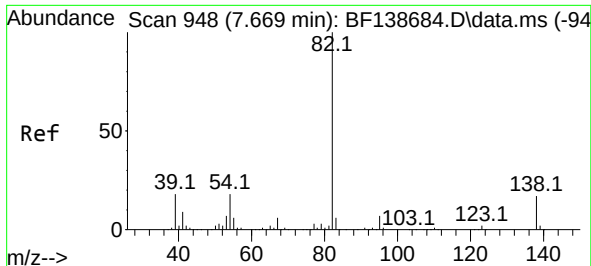
Tgt Ion:136 Resp: 140767
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 10.6 8.6 12.8
68 4.7 4.8 7.2#



#23
Nitrobenzene-d5
Concen: 37.156 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.012 min
Lab File: BF139000.D
Acq: 14 Aug 2024 18:14

Tgt Ion: 82 Resp: 106978
Ion Ratio Lower Upper
82 100
128 37.5 32.8 49.2
54 64.0 48.3 72.5

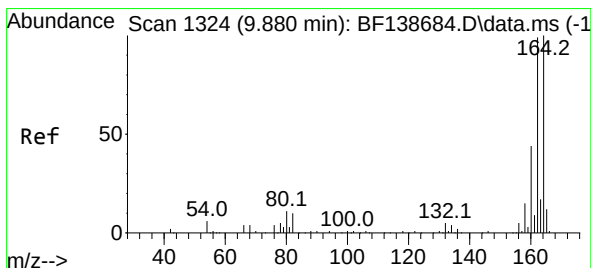
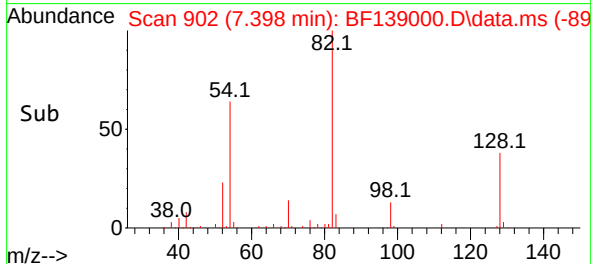
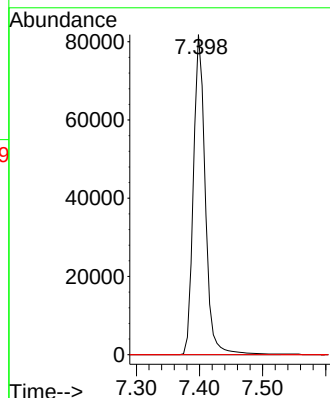
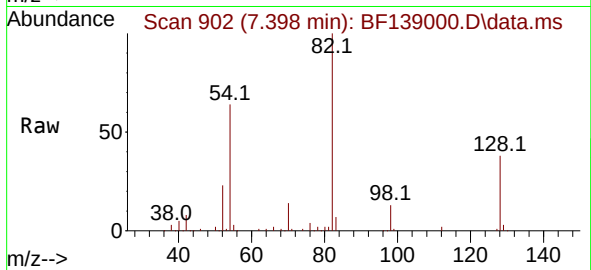




#25
Isophorone
Concen: 21.760 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF139000.D
Acq: 14 Aug 2024 18:14

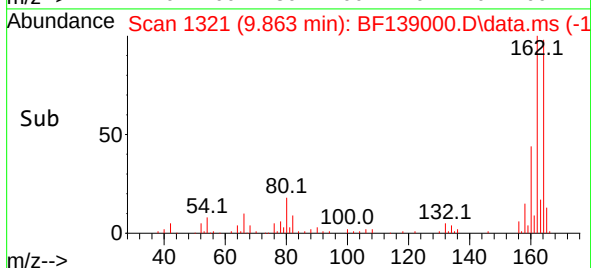
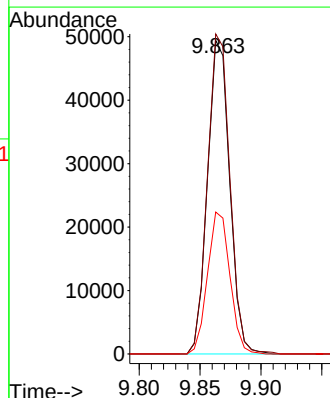
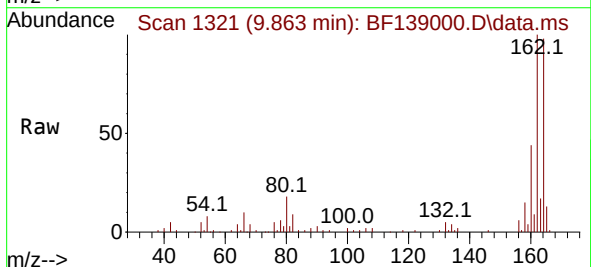
Instrument :
BNA_F
ClientSampleId :
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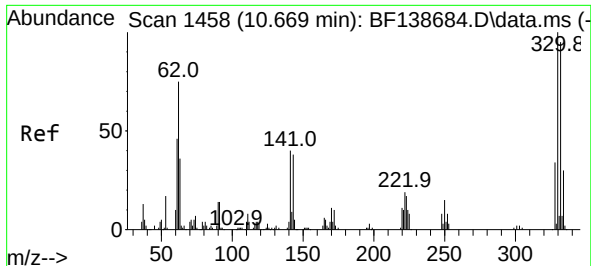
Tgt Ion: 82 Resp: 106977
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.017 min
Lab File: BF139000.D
Acq: 14 Aug 2024 18:14

Tgt Ion:164 Resp: 62688
Ion Ratio Lower Upper
164 100
162 102.0 79.4 119.0
160 45.2 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 41.566 ng

RT: 10.657 min Scan# 1458

Delta R.T. -0.012 min

Lab File: BF139000.D

Acq: 14 Aug 2024 18:14

Instrument :

BNA_F

ClientSampleId :

289

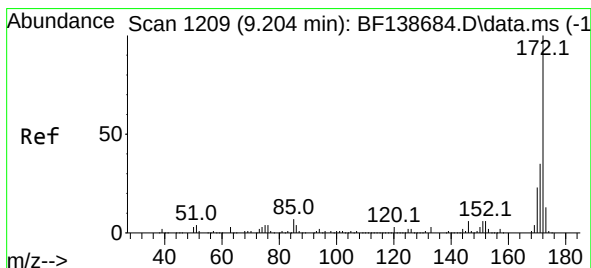
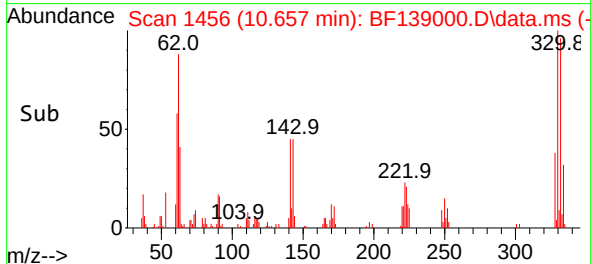
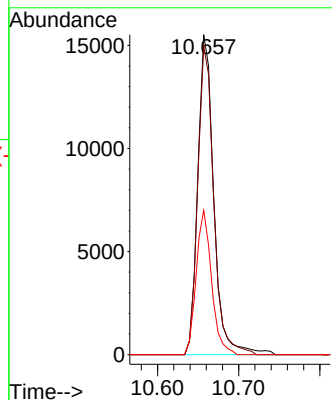
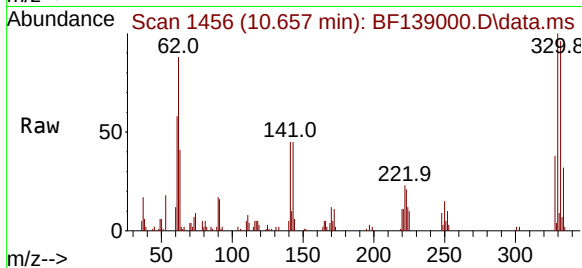
Tgt Ion:330 Resp: 21344

Ion Ratio Lower Upper

330 100

332 95.9 76.4 114.6

141 43.2 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 30.922 ng

RT: 9.186 min Scan# 1206

Delta R.T. -0.018 min

Lab File: BF139000.D

Acq: 14 Aug 2024 18:14

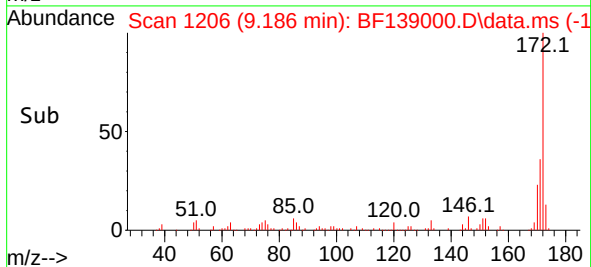
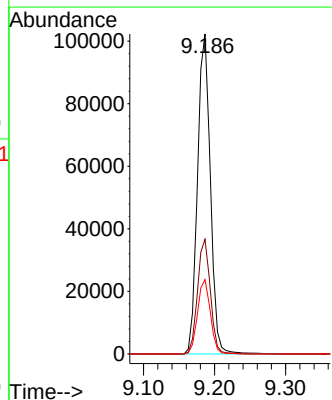
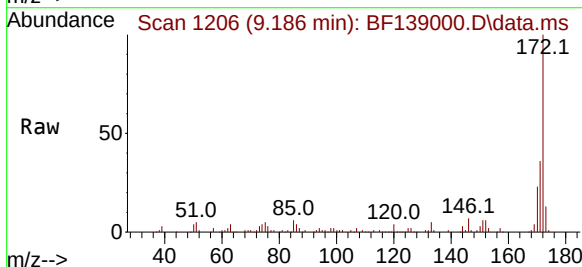
Tgt Ion:172 Resp: 129013

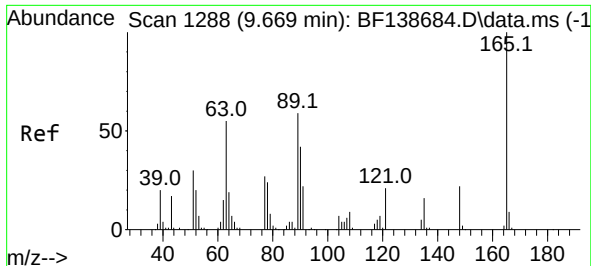
Ion Ratio Lower Upper

172 100

171 35.8 28.3 42.5

170 23.3 18.8 28.2

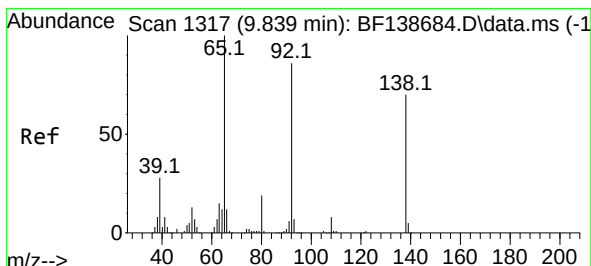
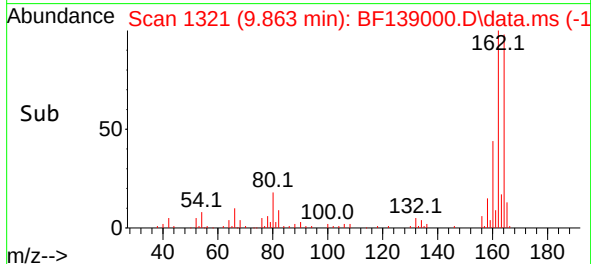
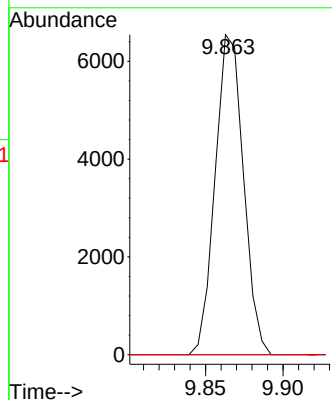
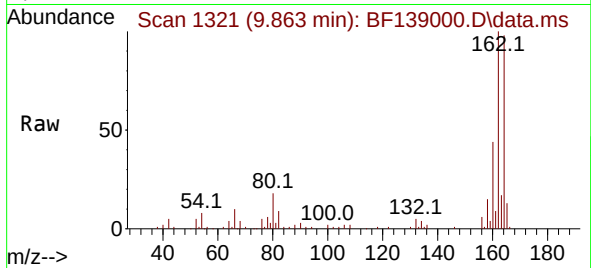




#51
2,6-Dinitrotoluene
Concen: 9.194 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF139000.D
Acq: 14 Aug 2024 18:14

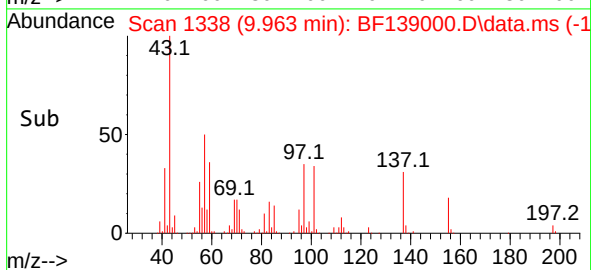
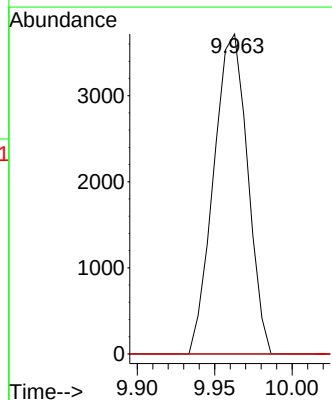
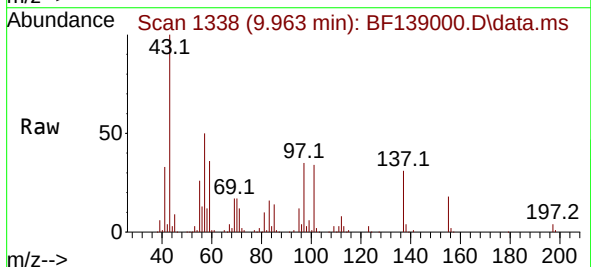
Instrument :
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ClientSampleId :
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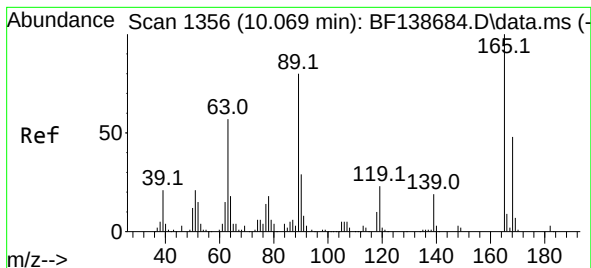
Tgt Ion:165 Resp: 8317
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 0.0 47.0 70.6#



#53
3-Nitroaniline
Concen: 6.048 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.123 min
Lab File: BF139000.D
Acq: 14 Aug 2024 18:14

Tgt Ion:138 Resp: 5656
Ion Ratio Lower Upper
138 100
108 0.0 9.1 13.7#
92 0.0 98.7 148.1#

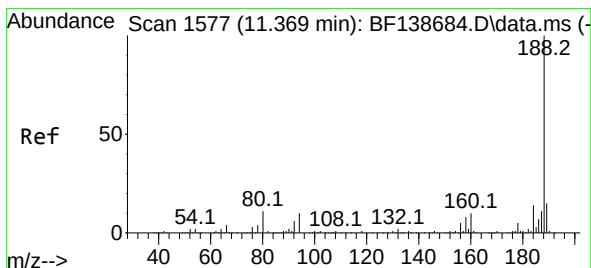
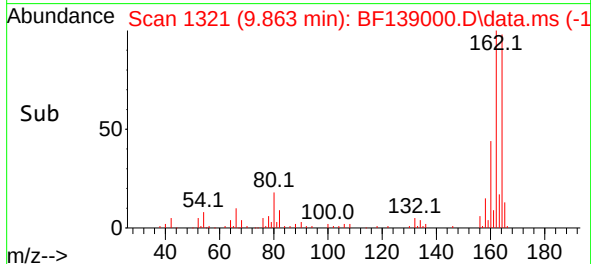
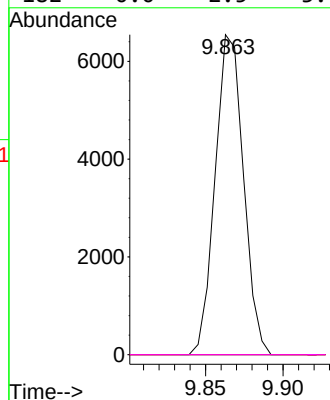
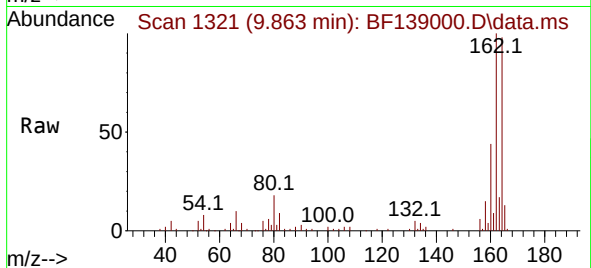




#57
2,4-Dinitrotoluene
Concen: 7.206 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF139000.D
Acq: 14 Aug 2024 18:14

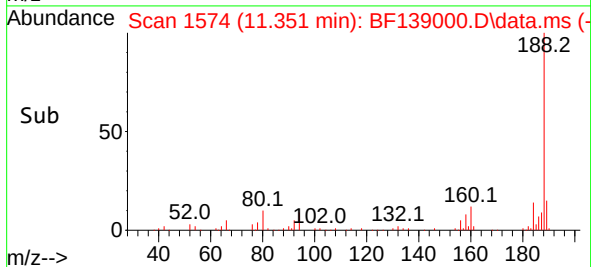
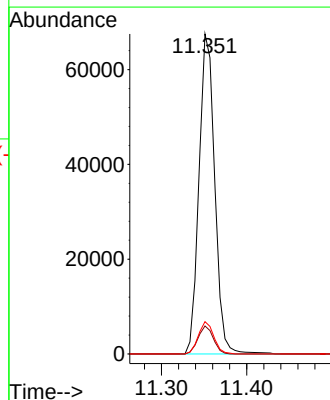
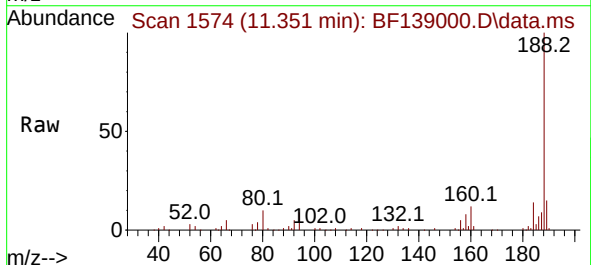
Instrument :
BNA_F
ClientSampleId :
289

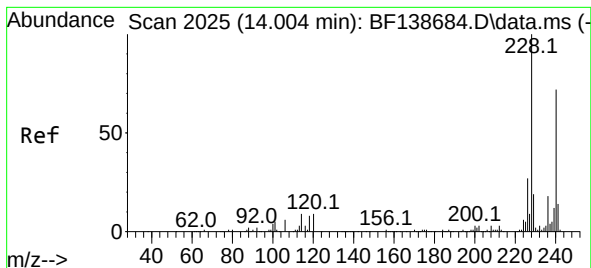
Tgt Ion:165 Resp: 8317
Ion Ratio Lower Upper
165 100
63 0.0 46.3 69.5#
89 0.0 64.2 96.4#
182 0.0 2.5 3.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1574
Delta R.T. -0.018 min
Lab File: BF139000.D
Acq: 14 Aug 2024 18:14

Tgt Ion:188 Resp: 86694
Ion Ratio Lower Upper
188 100
94 8.8 7.6 11.4
80 10.1 8.6 12.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF139000.D

Acq: 14 Aug 2024 18:14

Instrument :

BNA_F

ClientSampleId :

289

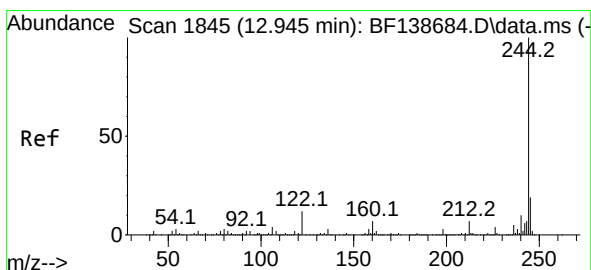
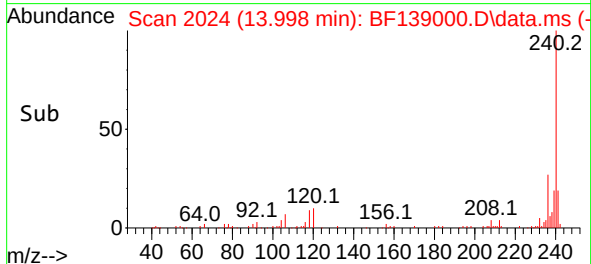
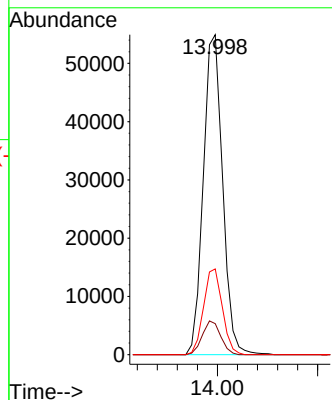
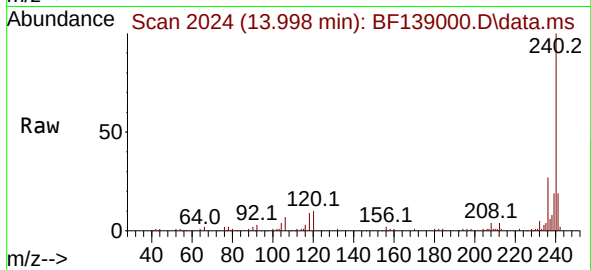
Tgt Ion:240 Resp: 73644

Ion Ratio Lower Upper

240 100

120 9.7 10.2 15.4#

236 26.8 19.8 29.8



#79

Terphenyl-d14

Concen: 22.984 ng

RT: 12.933 min Scan# 1843

Delta R.T. -0.012 min

Lab File: BF139000.D

Acq: 14 Aug 2024 18:14

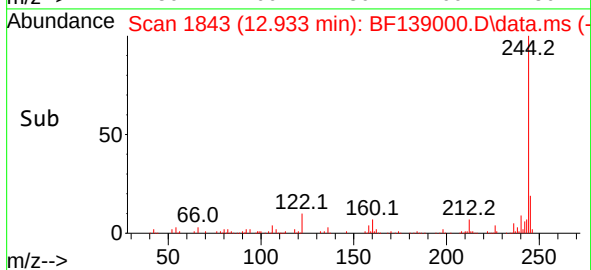
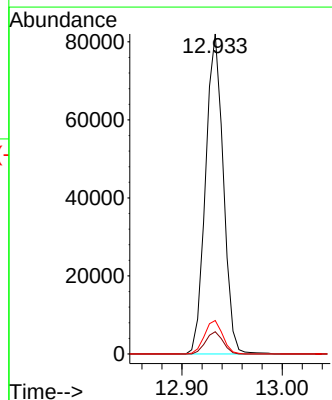
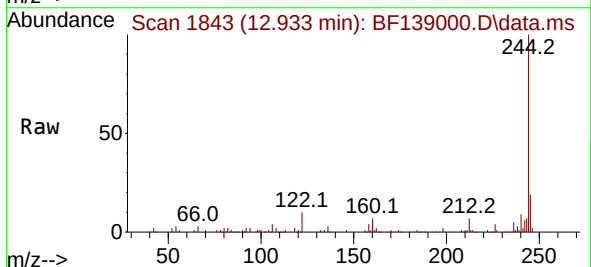
Tgt Ion:244 Resp: 101095

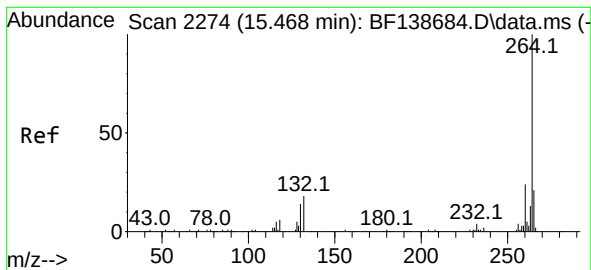
Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

122 10.5 9.6 14.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139000.D

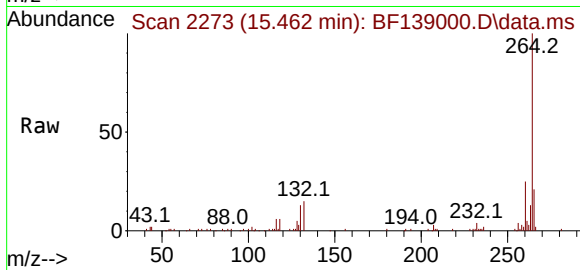
Acq: 14 Aug 2024 18:14

Instrument :

BNA_F

ClientSampleId :

289



Tgt Ion:264 Resp: 56352

Ion Ratio Lower Upper

264 100

260 25.4 19.0 28.6

265 21.4 17.0 25.6

