

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100424\
 Data File : BF139670.D
 Acq On : 04 Oct 2024 21:12
 Operator : RC/JU
 Sample : P4236-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP4

Quant Time: Oct 04 22:56:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

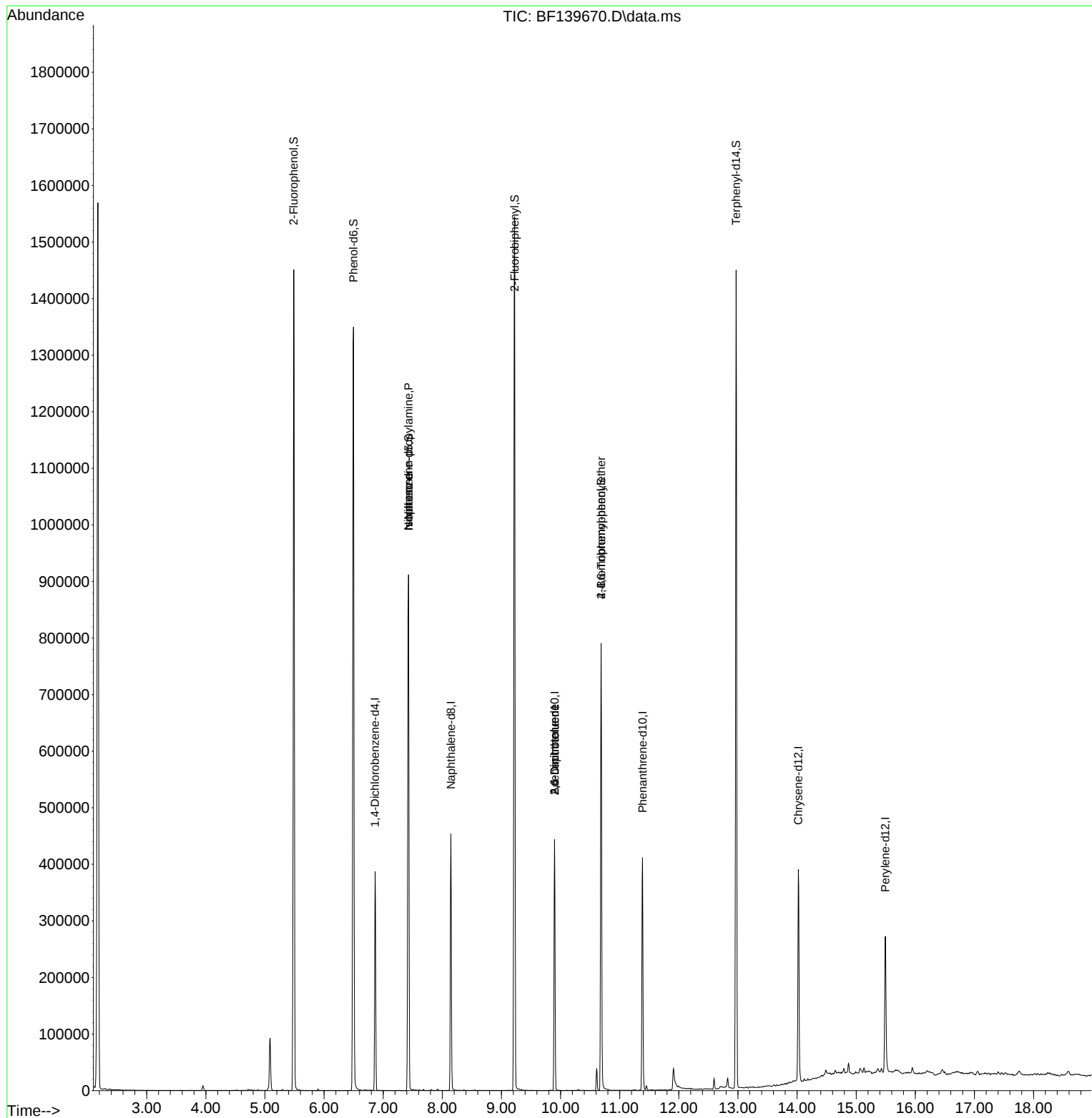
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	75998	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	264930	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	129157	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	221724	20.000	ng	0.00
76) Chrysene-d12	14.021	240	171665	20.000	ng	-0.01
86) Perylene-d12	15.492	264	134551	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	487264	111.128	ng	0.00
7) Phenol-d6	6.498	99	624356	105.886	ng	0.00
23) Nitrobenzene-d5	7.428	82	395022	75.492	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	120642	96.761	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	681277	80.978	ng	0.00
79) Terphenyl-d14	12.968	244	682885	65.272	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	53717	14.170	ng	# 78
25) Isophorone	7.428	82	392016	42.180	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	16031	8.394	ng	# 17
57) 2,4-Dinitrotoluene	9.898	165	16031	6.422	ng	# 17
67) 4-Bromophenyl-phenylether	10.686	248	8211	3.612	ng	# 1

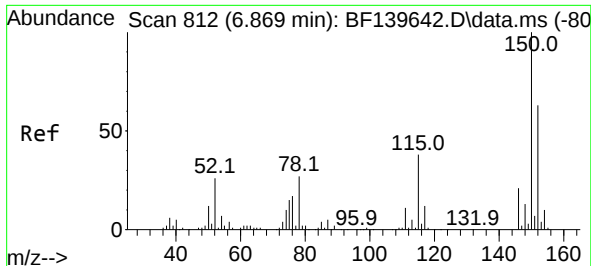
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration

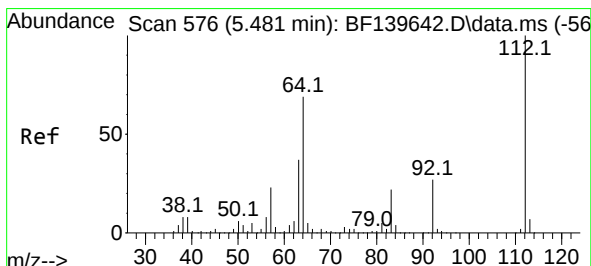
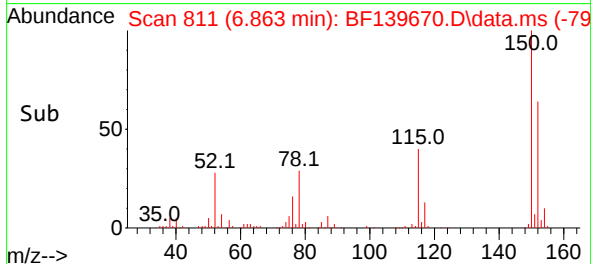
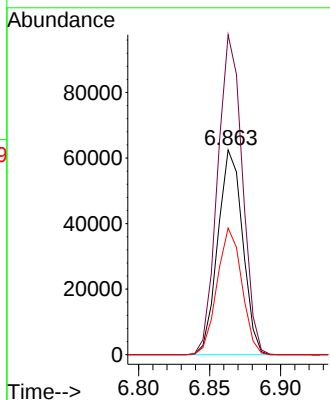
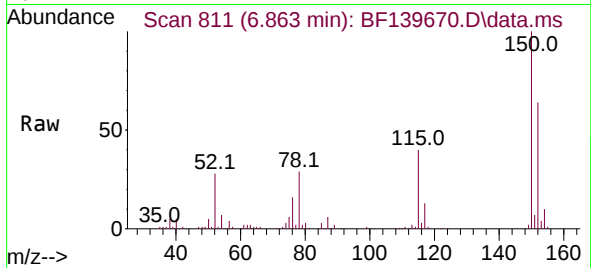




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139670.D
Acq: 04 Oct 2024 21:12

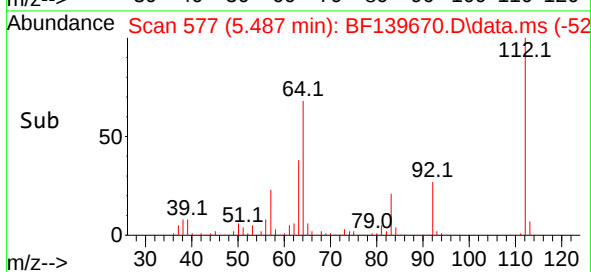
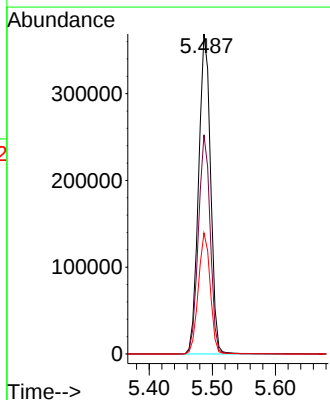
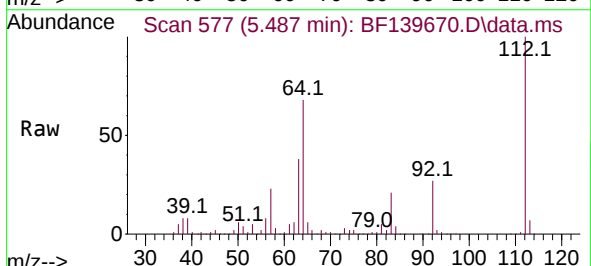
Instrument :
BNA_F
ClientSampleId :
TP4

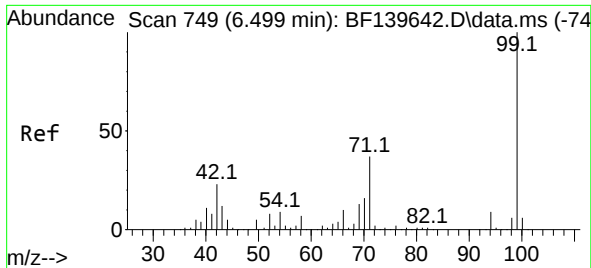
Tgt Ion:152 Resp: 75998
Ion Ratio Lower Upper
152 100
150 156.3 127.2 190.8
115 61.8 49.0 73.4



#5
2-Fluorophenol
Concen: 111.128 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF139670.D
Acq: 04 Oct 2024 21:12

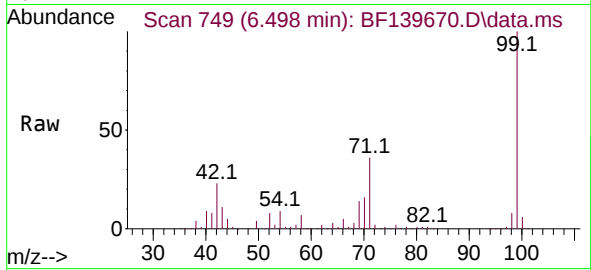
Tgt Ion:112 Resp: 487264
Ion Ratio Lower Upper
112 100
64 68.5 54.2 81.4
63 37.8 29.4 44.2



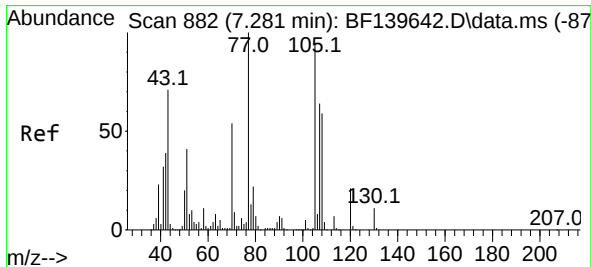
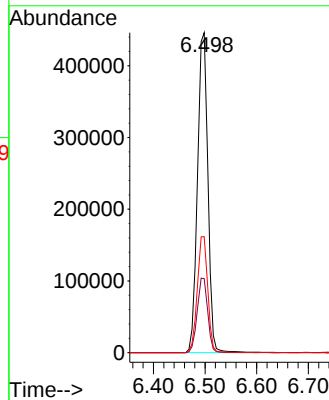
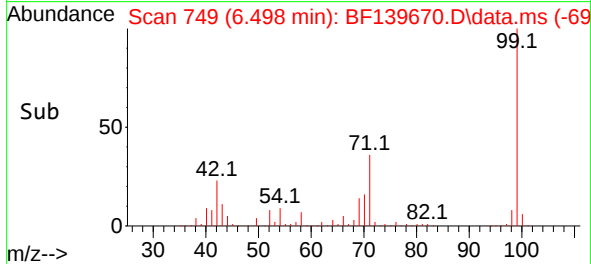


#7
Phenol-d6
Concen: 105.886 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139670.D
Acq: 04 Oct 2024 21:12

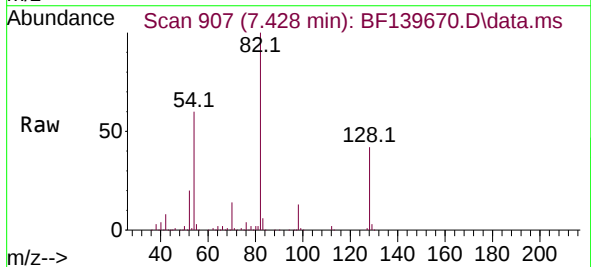
Instrument :
BNA_F
ClientSampleId :
TP4



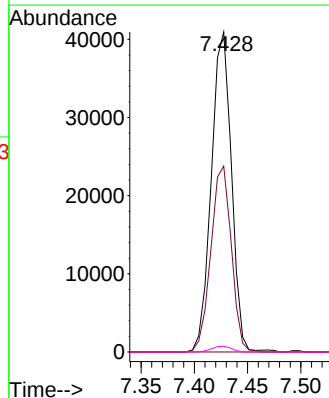
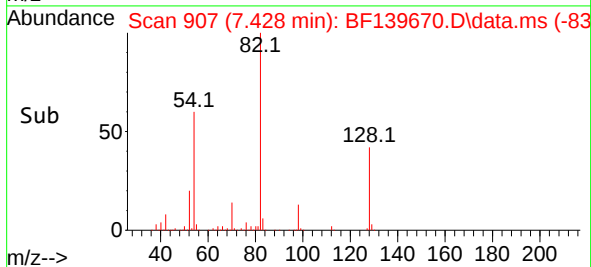
Tgt Ion: 99 Resp: 624356
Ion Ratio Lower Upper
99 100
42 23.1 19.1 28.7
71 36.3 29.7 44.5

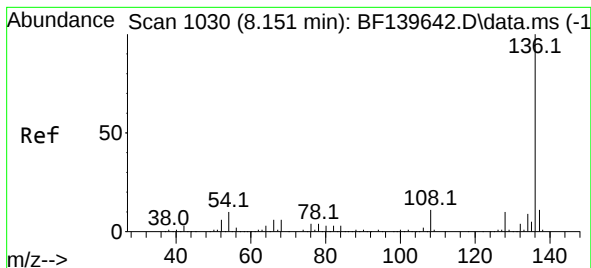


#19
n-Nitroso-di-n-propylamine
Concen: 14.170 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF139670.D
Acq: 04 Oct 2024 21:12



Tgt Ion: 70 Resp: 53717
Ion Ratio Lower Upper
70 100
42 58.1 58.0 87.0
101 0.0 7.8 11.8#
130 1.8 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139670.D

Acq: 04 Oct 2024 21:12

Instrument :

BNA_F

ClientSampleId :

TP4

Tgt Ion:136 Resp: 264930

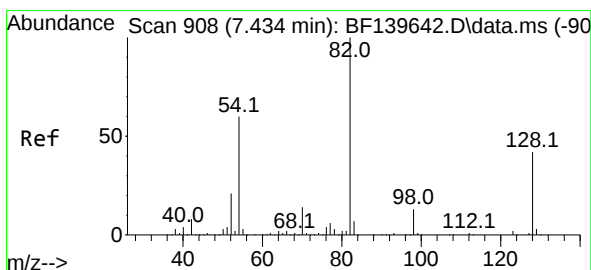
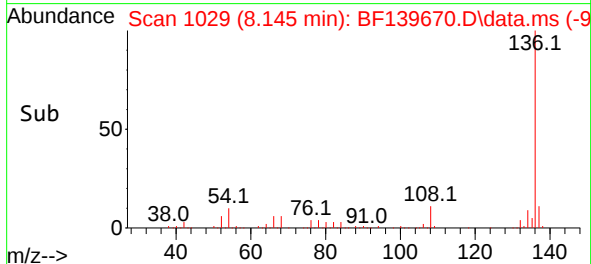
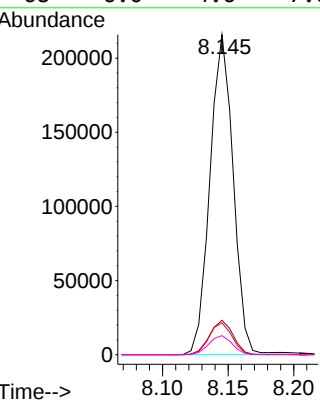
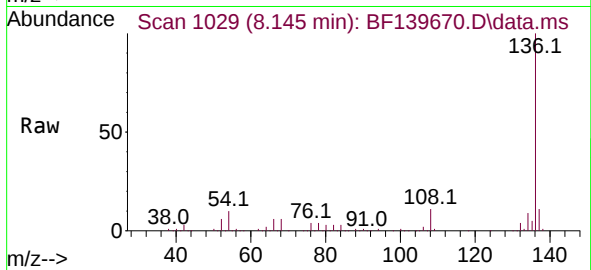
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 9.9 8.3 12.5

68 6.0 4.6 7.0



#23

Nitrobenzene-d5

Concen: 75.492 ng

RT: 7.428 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF139670.D

Acq: 04 Oct 2024 21:12

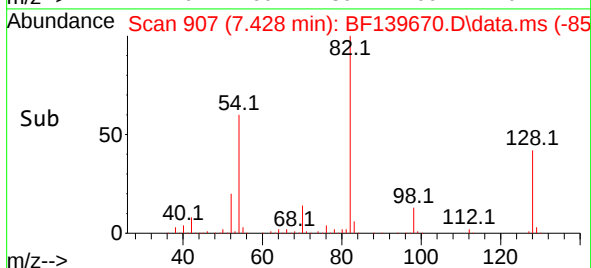
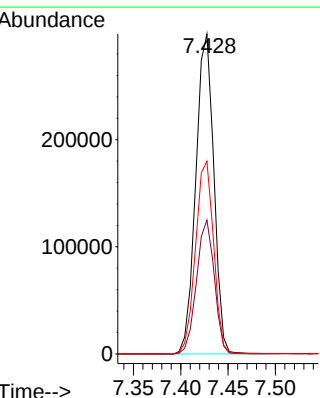
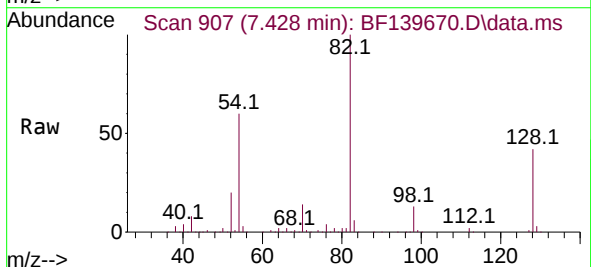
Tgt Ion: 82 Resp: 395022

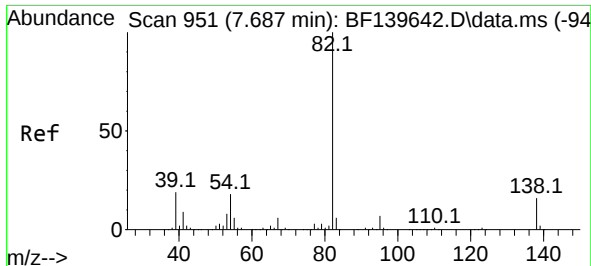
Ion Ratio Lower Upper

82 100

128 41.8 32.4 48.6

54 60.3 49.1 73.7

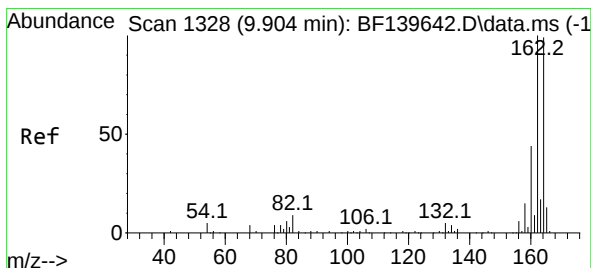
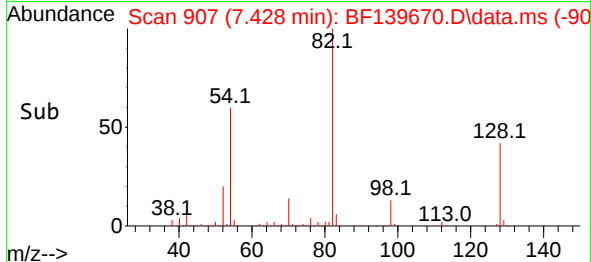
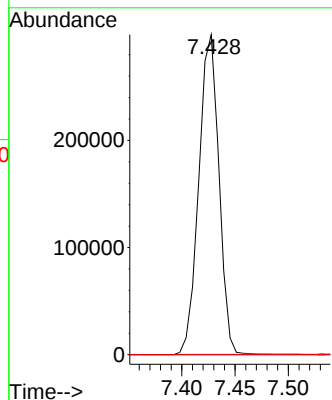
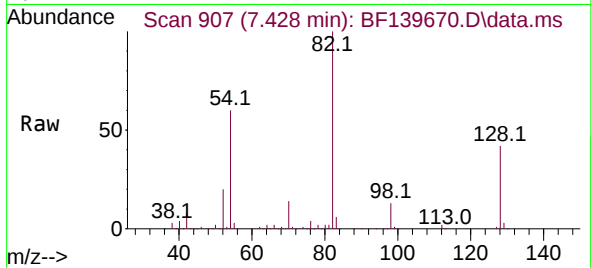




#25
Isophorone
Concen: 42.180 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139670.D
Acq: 04 Oct 2024 21:12

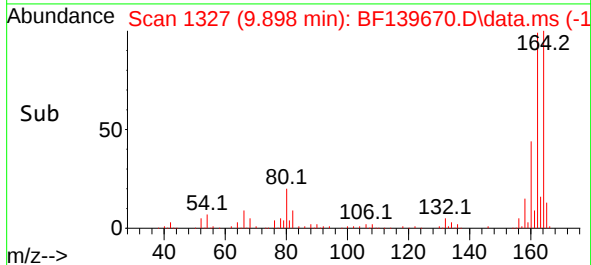
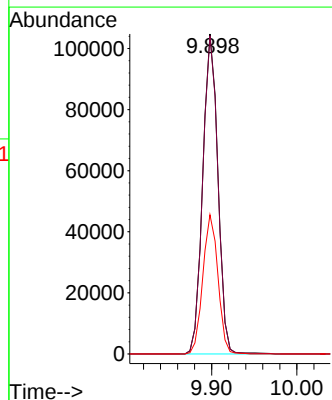
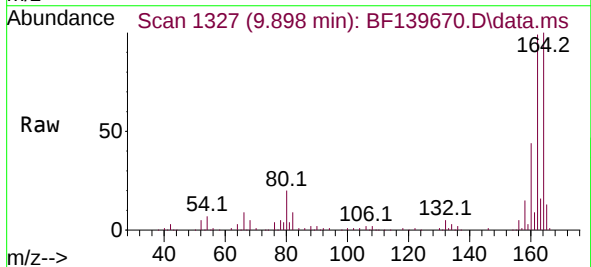
Instrument :
BNA_F
ClientSampleId :
TP4

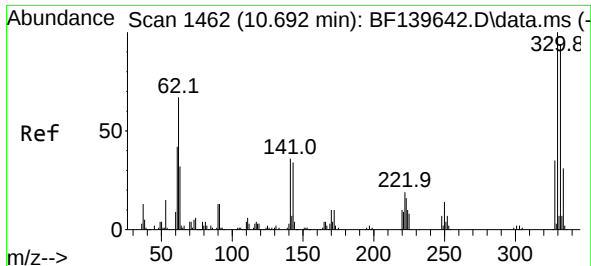
Tgt Ion: 82 Resp: 392016
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF139670.D
Acq: 04 Oct 2024 21:12

Tgt Ion:164 Resp: 129157
Ion Ratio Lower Upper
164 100
162 99.5 79.4 119.0
160 43.5 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 96.761 ng

RT: 10.686 min Scan# 1461

Delta R.T. -0.012 min

Lab File: BF139670.D

Acq: 04 Oct 2024 21:12

Instrument :

BNA_F

ClientSampleId :

TP4

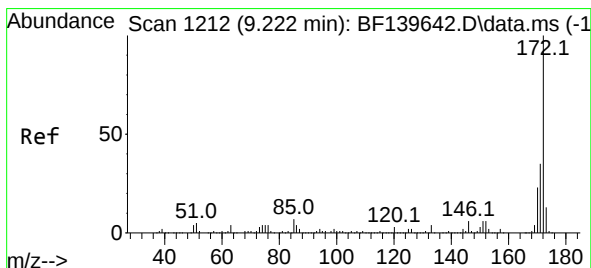
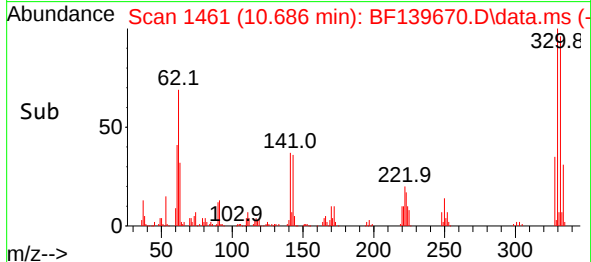
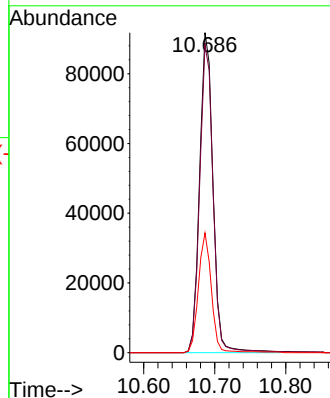
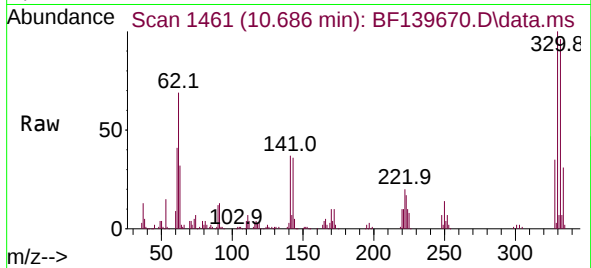
Tgt Ion:330 Resp: 120642

Ion Ratio Lower Upper

330 100

332 96.8 76.5 114.7

141 36.4 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 80.978 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF139670.D

Acq: 04 Oct 2024 21:12

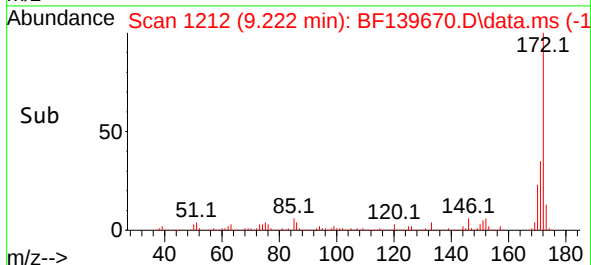
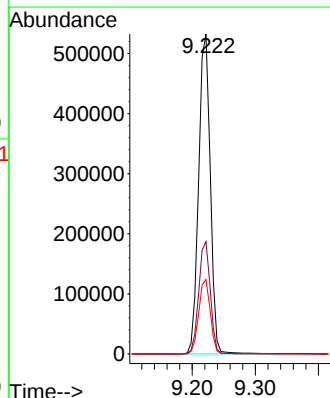
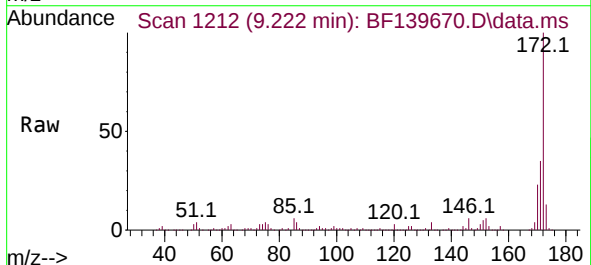
Tgt Ion:172 Resp: 681277

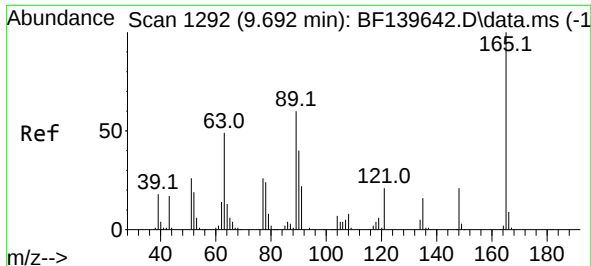
Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.4

170 23.3 18.8 28.2

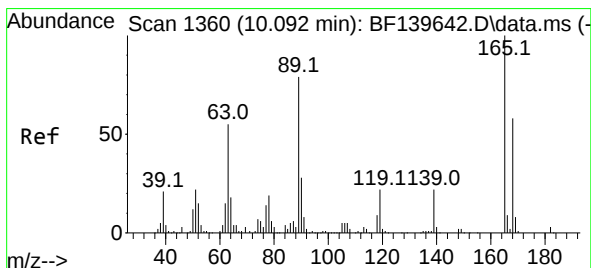
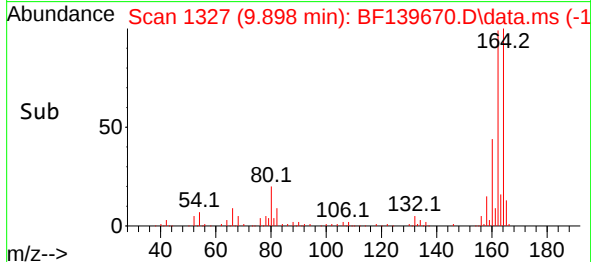
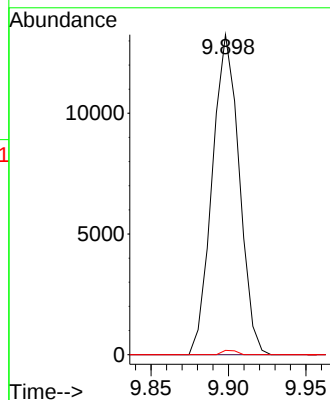
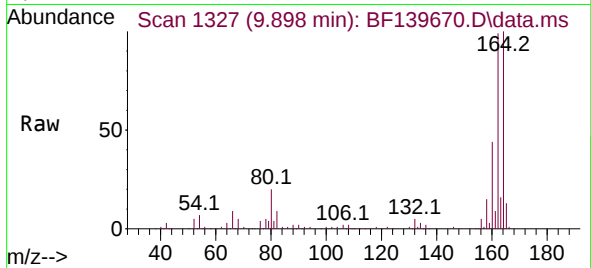




#51
2,6-Dinitrotoluene
Concen: 8.394 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF139670.D
Acq: 04 Oct 2024 21:12

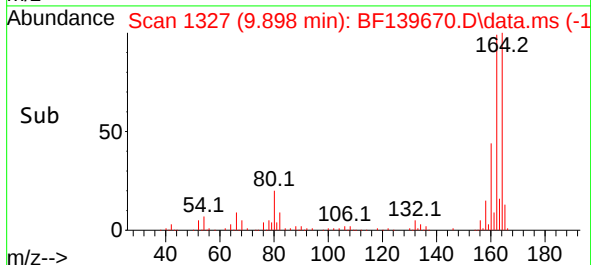
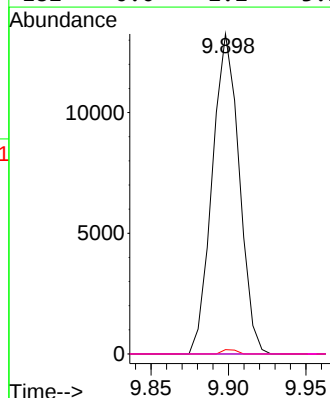
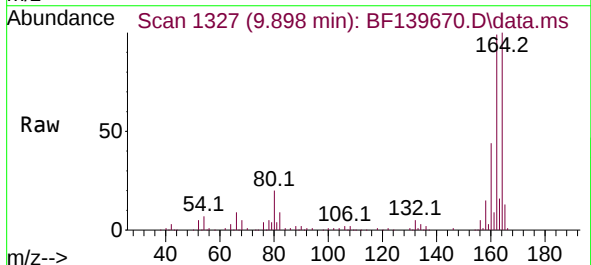
Instrument :
BNA_F
ClientSampleId :
TP4

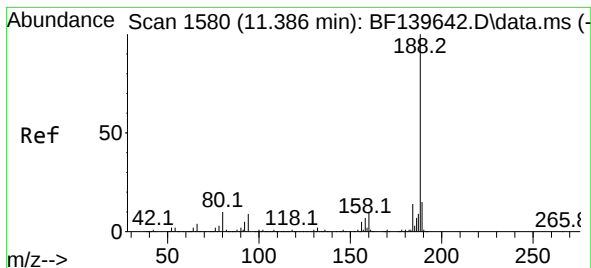
Tgt Ion:165 Resp: 16031
Ion Ratio Lower Upper
165 100
63 0.0 56.7 85.1#
89 1.3 51.6 77.4#



#57
2,4-Dinitrotoluene
Concen: 6.422 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF139670.D
Acq: 04 Oct 2024 21:12

Tgt Ion:165 Resp: 16031
Ion Ratio Lower Upper
165 100
63 0.0 46.9 70.3#
89 1.3 64.4 96.6#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139670.D

Acq: 04 Oct 2024 21:12

Instrument :

BNA_F

ClientSampleId :

TP4

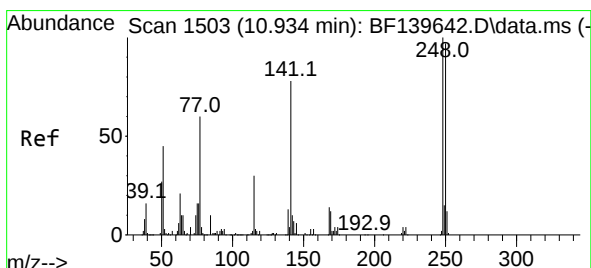
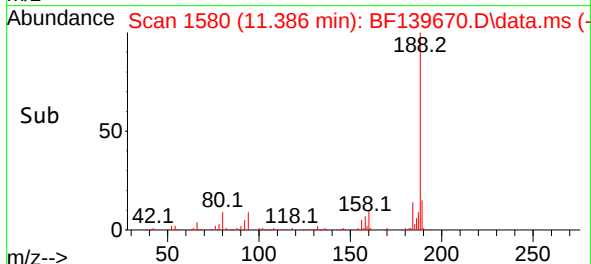
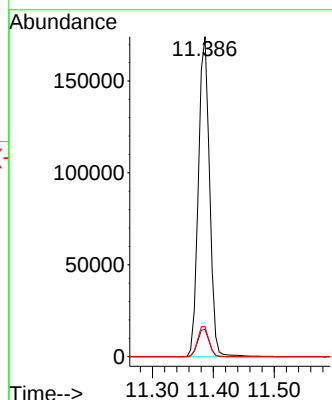
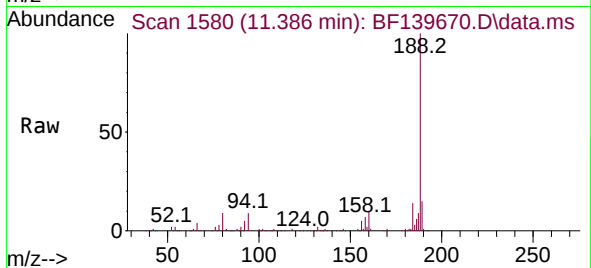
Tgt Ion:188 Resp: 221724

Ion Ratio Lower Upper

188 100

94 8.5 7.4 11.2

80 9.4 8.2 12.2



#67

4-Bromophenyl-phenylether

Concen: 3.612 ng

RT: 10.686 min Scan# 1461

Delta R.T. -0.253 min

Lab File: BF139670.D

Acq: 04 Oct 2024 21:12

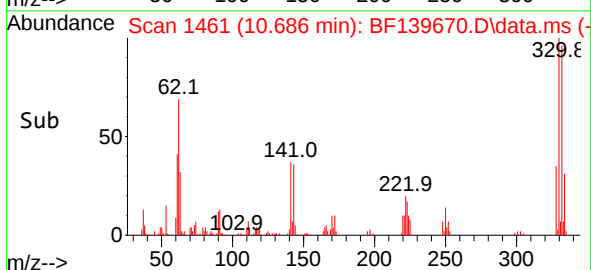
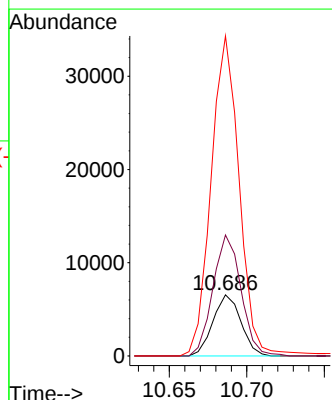
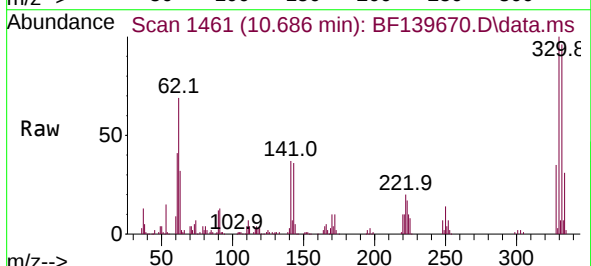
Tgt Ion:248 Resp: 8211

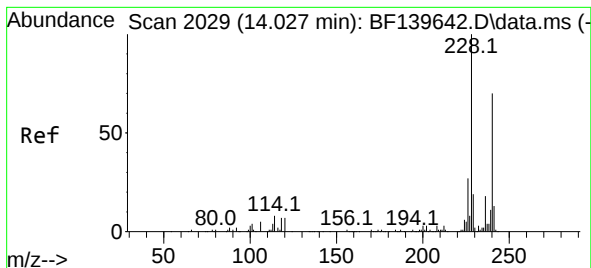
Ion Ratio Lower Upper

248 100

250 198.0 77.1 115.7#

141 524.0 60.4 90.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.021 min Scan# 2029

Delta R.T. -0.012 min

Lab File: BF139670.D

Acq: 04 Oct 2024 21:12

Instrument :

BNA_F

ClientSampleId :

TP4

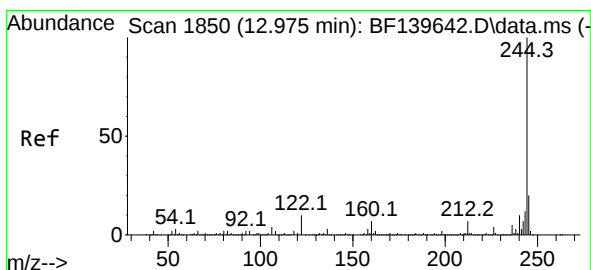
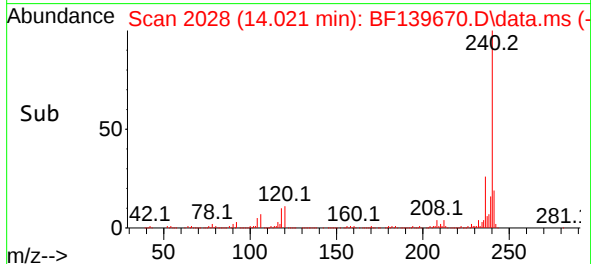
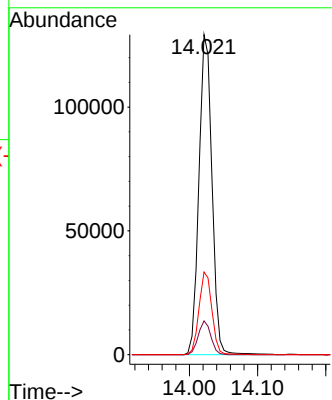
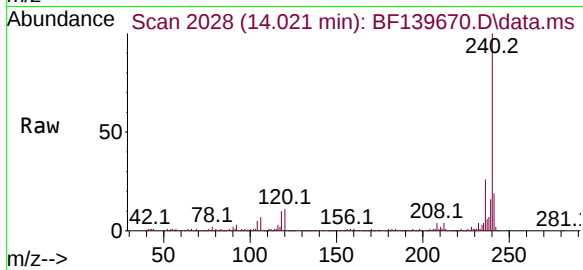
Tgt Ion:240 Resp: 171665

Ion Ratio Lower Upper

240 100

120 10.6 8.4 12.6

236 25.8 20.3 30.5



#79

Terphenyl-d14

Concen: 65.272 ng

RT: 12.968 min Scan# 1849

Delta R.T. -0.012 min

Lab File: BF139670.D

Acq: 04 Oct 2024 21:12

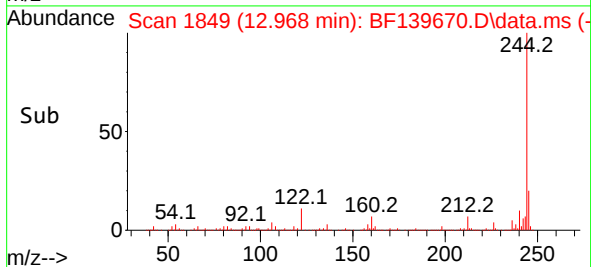
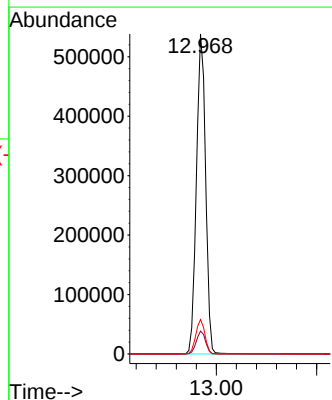
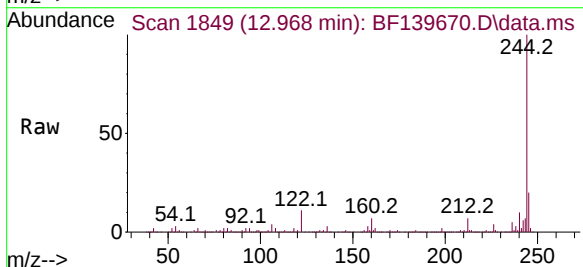
Tgt Ion:244 Resp: 682885

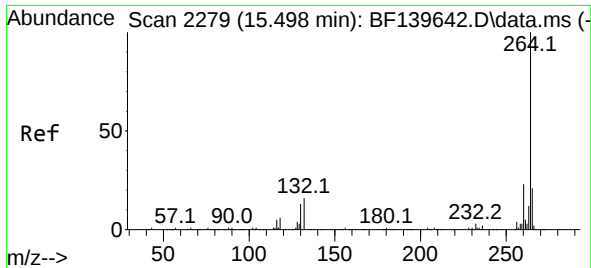
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

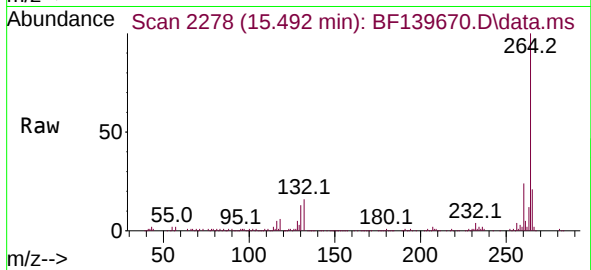
122 10.8 8.6 12.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF139670.D
 Acq: 04 Oct 2024 21:12

Instrument :
 BNA_F
 ClientSampleId :
 TP4



Tgt Ion:264 Resp: 134551
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.7 28.1
 265 21.1 16.9 25.3

