

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081524\
 Data File : BF139032.D
 Acq On : 15 Aug 2024 20:12
 Operator : RC/JU
 Sample : P3580-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 922-K1-SD-0.5-1-081224

Quant Time: Aug 16 00:27:43 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)

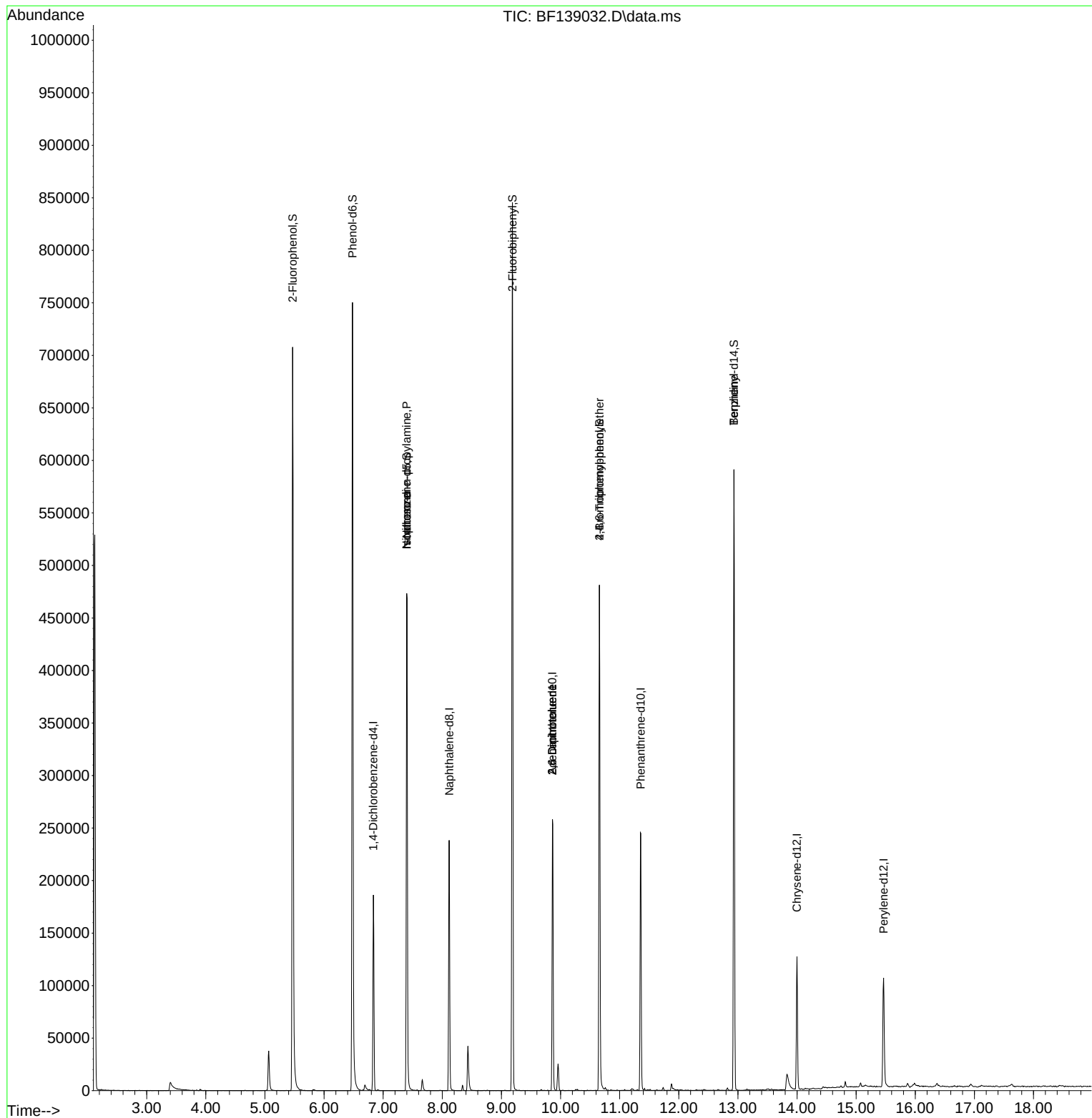
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	34101	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	136701	20.000	ng	-0.01
39) Acenaphthene-d10	9.863	164	76911	20.000	ng	-0.02
64) Phenanthrene-d10	11.357	188	131134	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	61226	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	66197	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	234294	106.058	ng	0.00
7) Phenol-d6	6.481	99	313854	105.819	ng	0.00
23) Nitrobenzene-d5	7.398	82	203685	72.848	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	66406	105.406	ng	-0.01
45) 2-Fluorobiphenyl	9.186	172	337125	65.859	ng	-0.02
79) Terphenyl-d14	12.933	244	268369	73.387	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.398	70	28906	16.136	ng	# 80
25) Isophorone	7.398	82	203683	42.662	ng	# 66
51) 2,6-Dinitrotoluene	9.863	165	9406	8.475	ng	# 19
57) 2,4-Dinitrotoluene	9.863	165	9406	6.643	ng	# 16
67) 4-Bromophenyl-phenylether	10.657	248	4778	3.365	ng	# 1
77) Benzidine	12.933	184	3998	2.730	ng	# 89

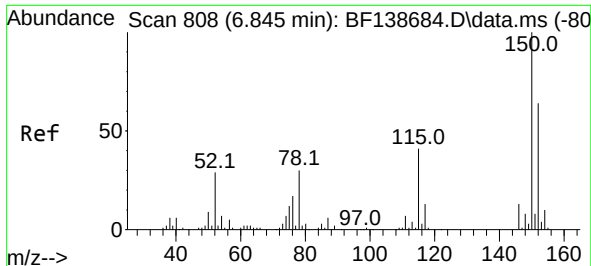
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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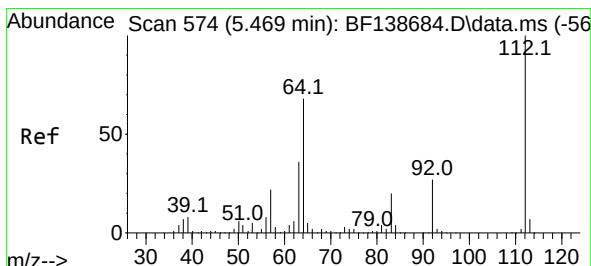
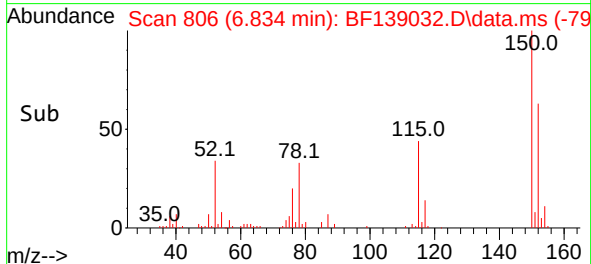
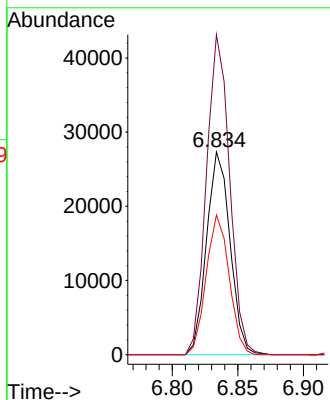
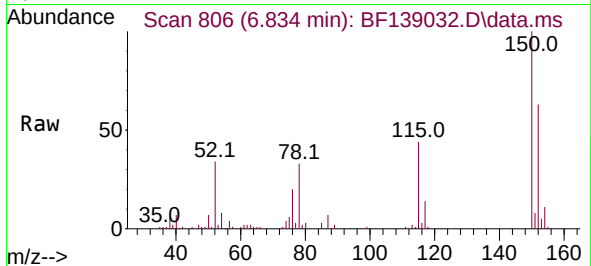




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.011 min
Lab File: BF139032.D
Acq: 15 Aug 2024 20:12

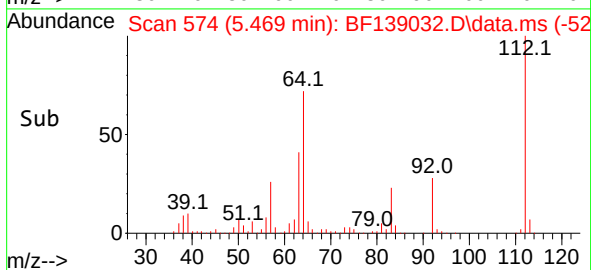
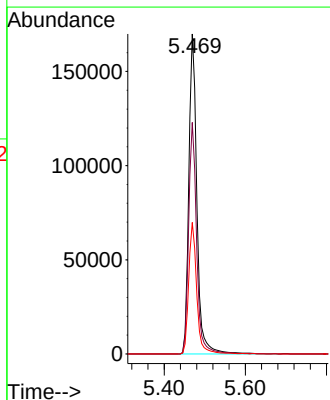
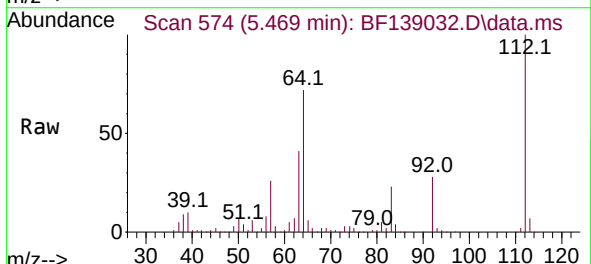
Instrument :
BNA_F
ClientSampleId :
922-K1-SD-0.5-1-081224

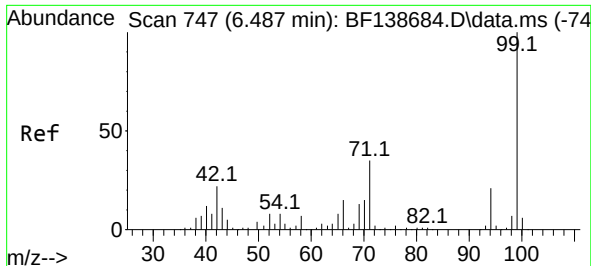
Tgt Ion:152 Resp: 34101
Ion Ratio Lower Upper
152 100
150 157.8 126.0 189.0
115 68.9 51.7 77.5



#5
2-Fluorophenol
Concen: 106.058 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF139032.D
Acq: 15 Aug 2024 20:12

Tgt Ion:112 Resp: 234294
Ion Ratio Lower Upper
112 100
64 72.3 54.2 81.4
63 41.1 28.7 43.1





#7

Phenol-d6

Concen: 105.819 ng

RT: 6.481 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF139032.D

Acq: 15 Aug 2024 20:12

Instrument :

BNA_F

ClientSampleId :

922-K1-SD-0.5-1-081224

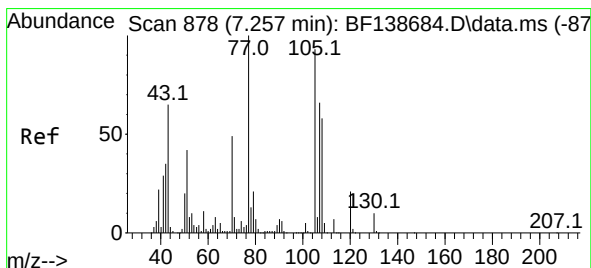
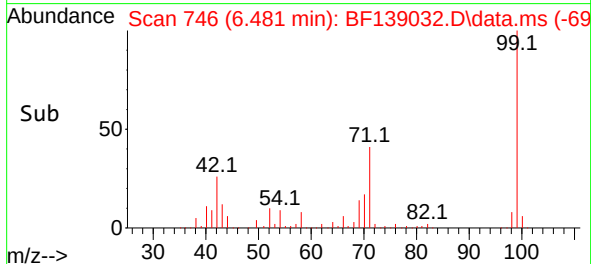
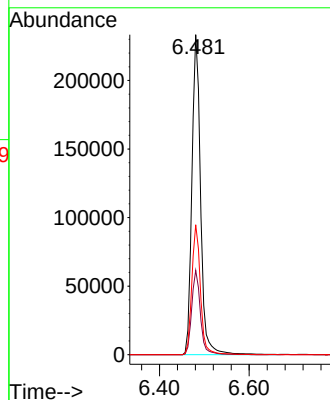
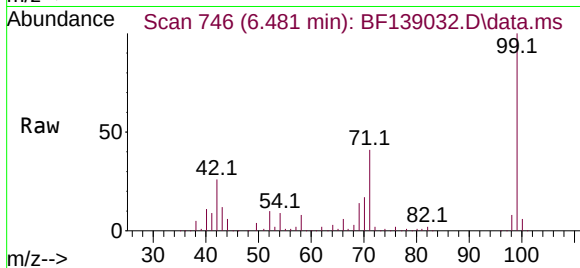
Tgt Ion: 99 Resp: 313854

Ion Ratio Lower Upper

99 100

42 26.3 17.4 26.0#

71 40.6 28.1 42.1



#19

n-Nitroso-di-n-propylamine

Concen: 16.136 ng

RT: 7.398 min Scan# 902

Delta R.T. 0.141 min

Lab File: BF139032.D

Acq: 15 Aug 2024 20:12

Tgt Ion: 70 Resp: 28906

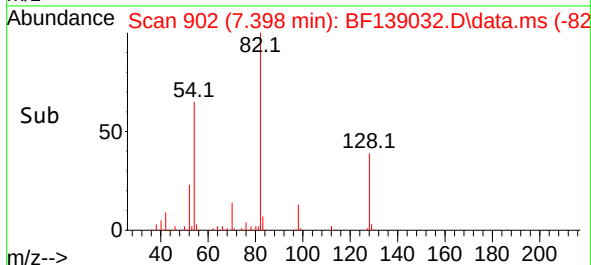
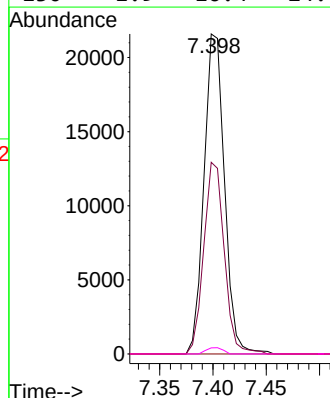
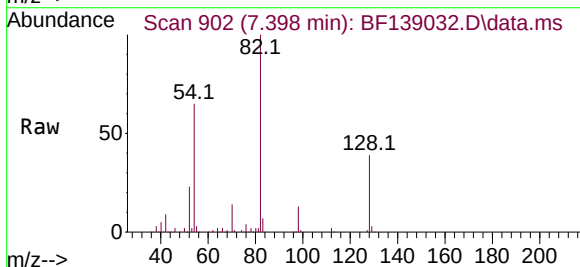
Ion Ratio Lower Upper

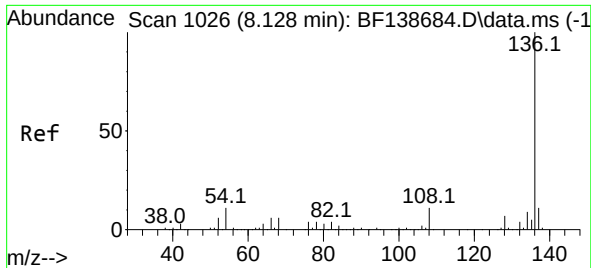
70 100

42 59.9 57.4 86.0

101 0.0 7.5 11.3#

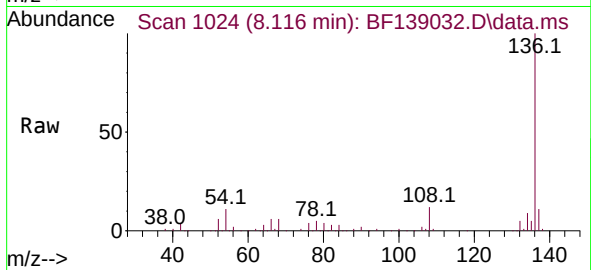
130 1.9 16.4 24.6#



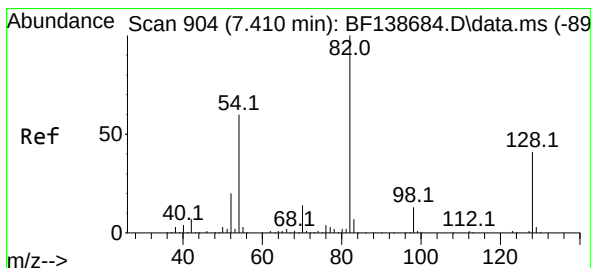
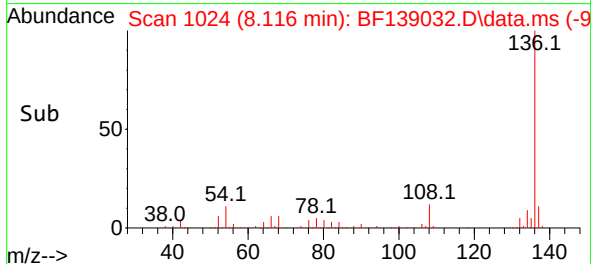
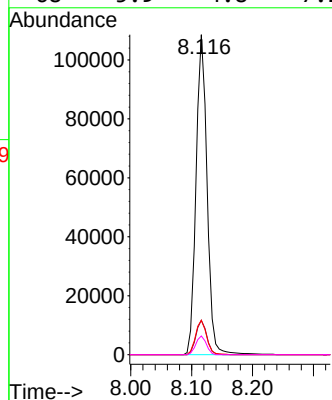


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF139032.D
Acq: 15 Aug 2024 20:12

Instrument :
BNA_F
ClientSampleId :
922-K1-SD-0.5-1-081224

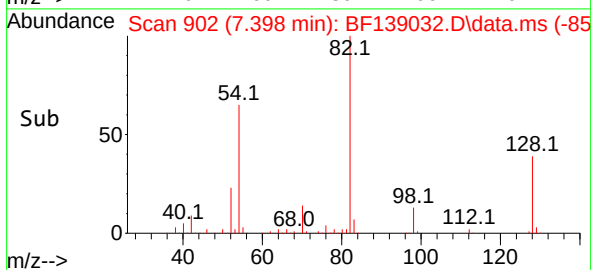
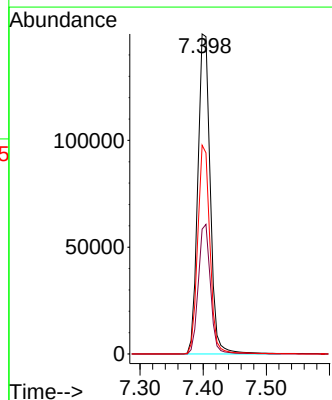
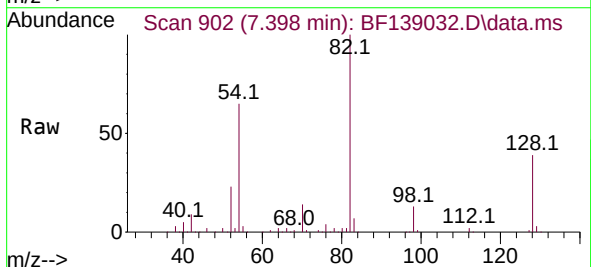


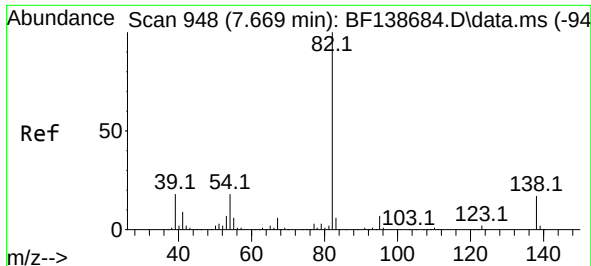
Tgt Ion:136 Resp: 136701
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 10.8 8.6 12.8
68 5.9 4.8 7.2



#23
Nitrobenzene-d5
Concen: 72.848 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.012 min
Lab File: BF139032.D
Acq: 15 Aug 2024 20:12

Tgt Ion: 82 Resp: 203685
Ion Ratio Lower Upper
82 100
128 39.0 32.8 49.2
54 65.2 48.3 72.5

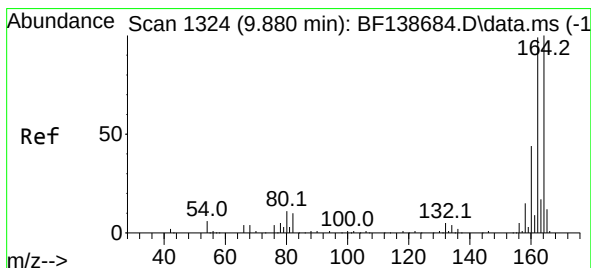
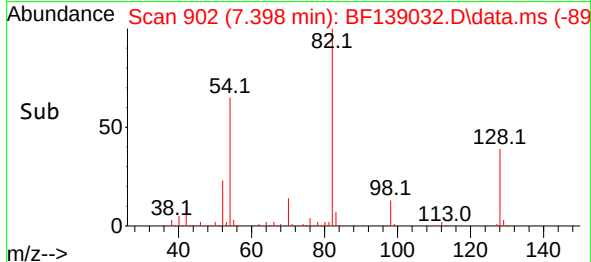
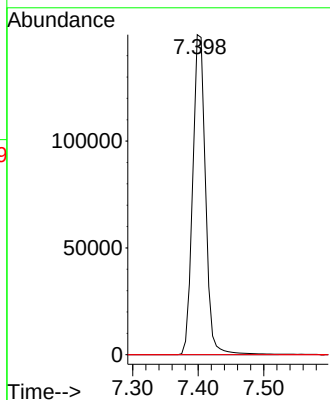
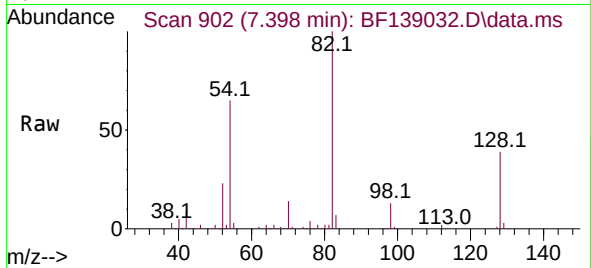




#25
Isophorone
Concen: 42.662 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF139032.D
Acq: 15 Aug 2024 20:12

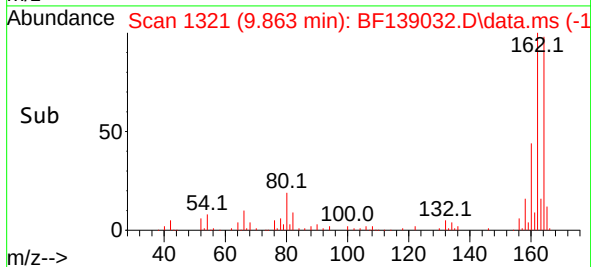
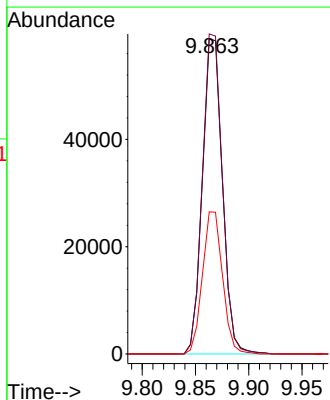
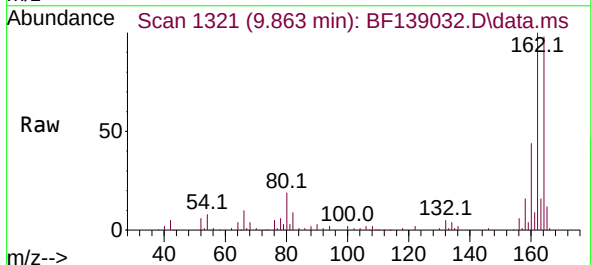
Instrument :
BNA_F
ClientSampleId :
922-K1-SD-0.5-1-081224

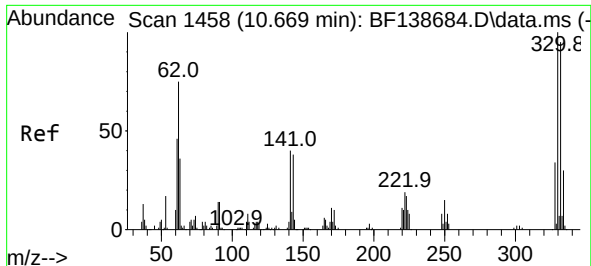
Tgt Ion: 82 Resp: 203683
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.017 min
Lab File: BF139032.D
Acq: 15 Aug 2024 20:12

Tgt Ion:164 Resp: 76911
Ion Ratio Lower Upper
164 100
162 101.7 79.4 119.0
160 45.2 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 105.406 ng

RT: 10.657 min Scan# 1456

Delta R.T. -0.012 min

Lab File: BF139032.D

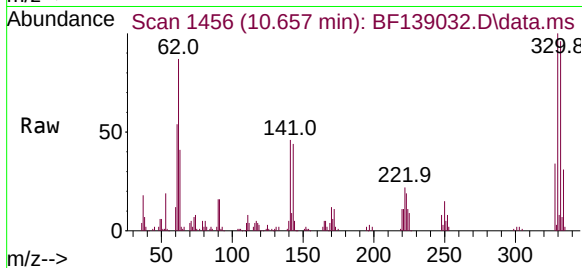
Acq: 15 Aug 2024 20:12

Instrument :

BNA_F

ClientSampleId :

922-K1-SD-0.5-1-081224



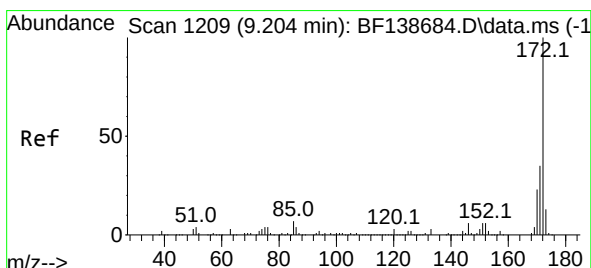
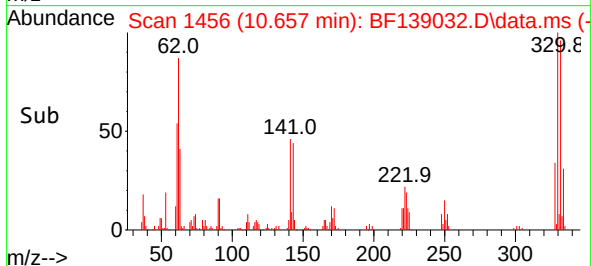
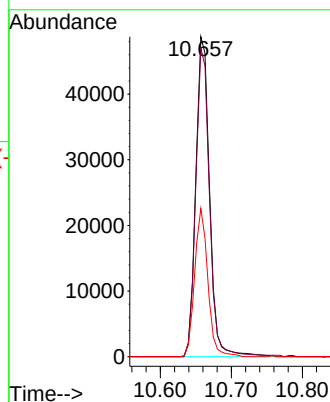
Tgt Ion:330 Resp: 66406

Ion Ratio Lower Upper

330 100

332 95.5 76.4 114.6

141 44.0 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 65.859 ng

RT: 9.186 min Scan# 1206

Delta R.T. -0.018 min

Lab File: BF139032.D

Acq: 15 Aug 2024 20:12

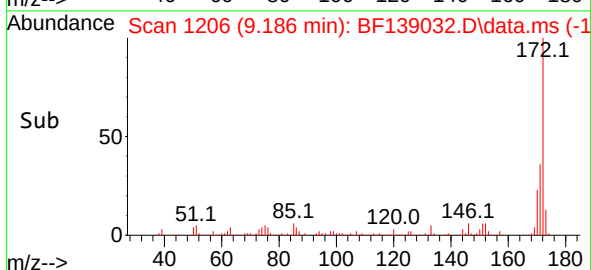
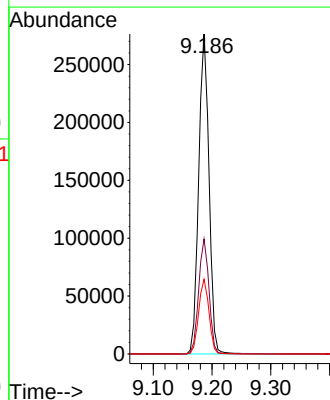
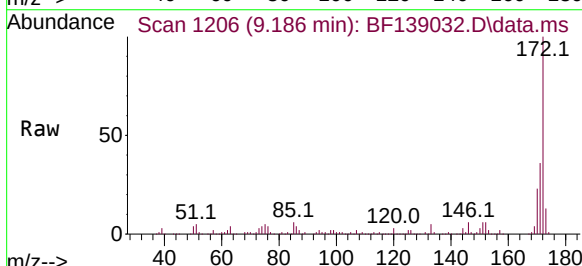
Tgt Ion:172 Resp: 337125

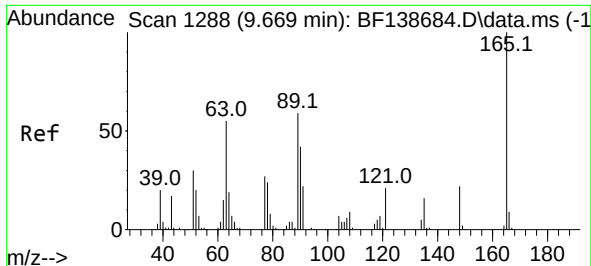
Ion Ratio Lower Upper

172 100

171 36.0 28.3 42.5

170 23.3 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 8.475 ng

RT: 9.863 min Scan# 11

Delta R.T. 0.194 min

Lab File: BF139032.D

Acq: 15 Aug 2024 20:12

Instrument :

BNA_F

ClientSampleId :

922-K1-SD-0.5-1-081224

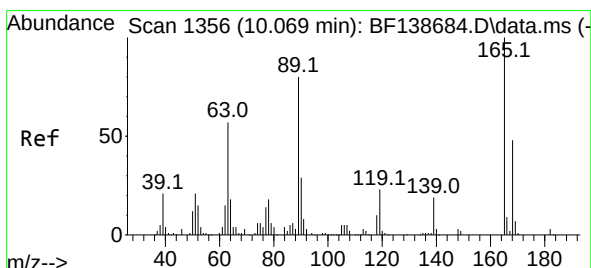
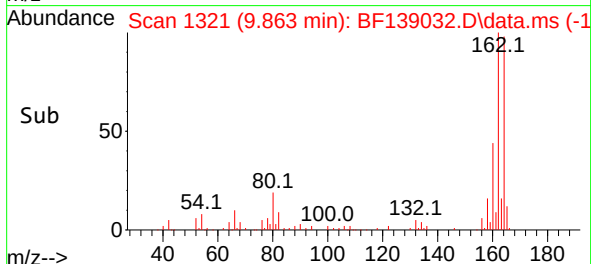
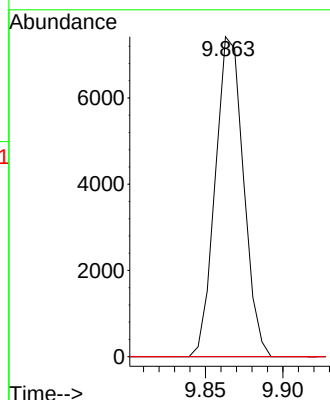
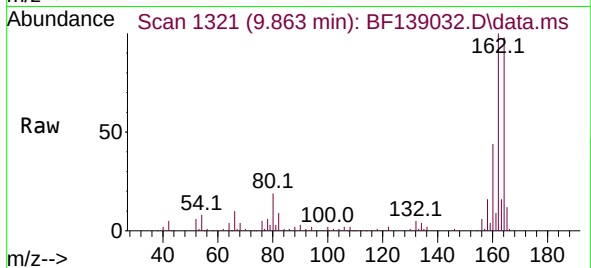
Tgt Ion:165 Resp: 9406

Ion Ratio Lower Upper

165 100

63 0.0 52.0 78.0#

89 0.0 47.0 70.6#



#57

2,4-Dinitrotoluene

Concen: 6.643 ng

RT: 9.863 min Scan# 1321

Delta R.T. -0.206 min

Lab File: BF139032.D

Acq: 15 Aug 2024 20:12

Tgt Ion:165 Resp: 9406

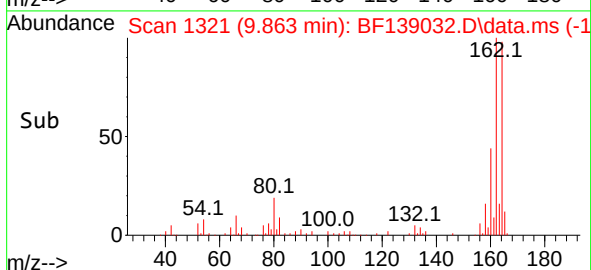
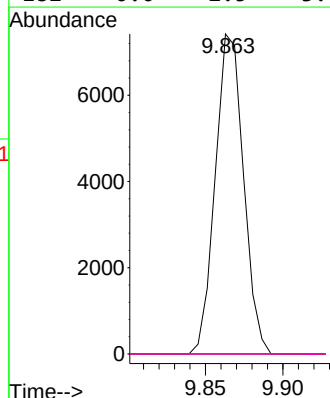
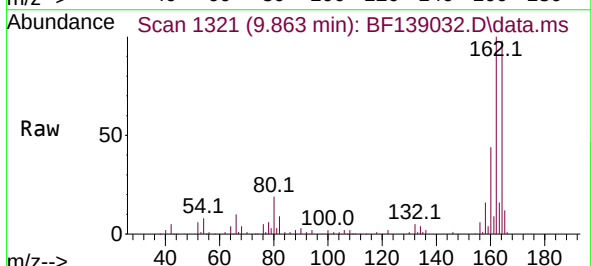
Ion Ratio Lower Upper

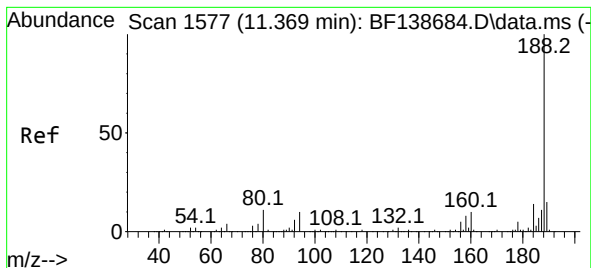
165 100

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: 11.357 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF139032.D

Acq: 15 Aug 2024 20:12

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922-K1-SD-0.5-1-081224

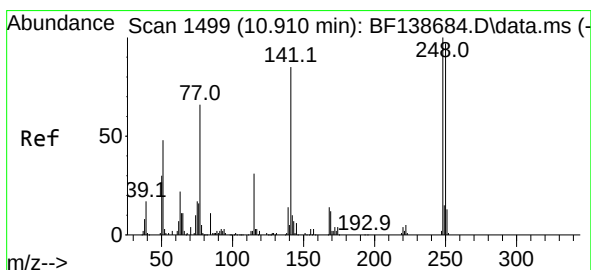
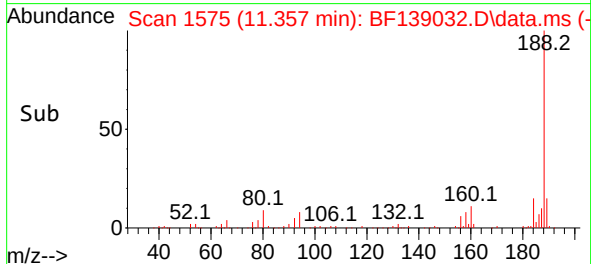
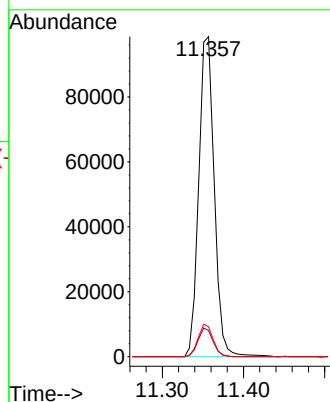
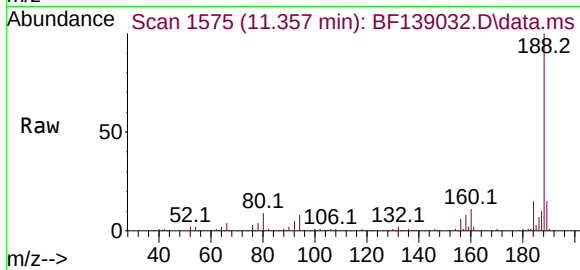
Tgt Ion:188 Resp: 131134

Ion Ratio Lower Upper

188 100

94 8.2 7.6 11.4

80 9.4 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 3.365 ng

RT: 10.657 min Scan# 1456

Delta R.T. -0.253 min

Lab File: BF139032.D

Acq: 15 Aug 2024 20:12

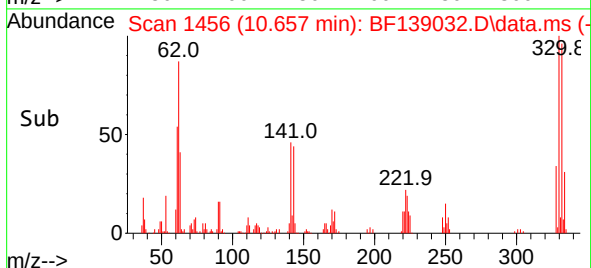
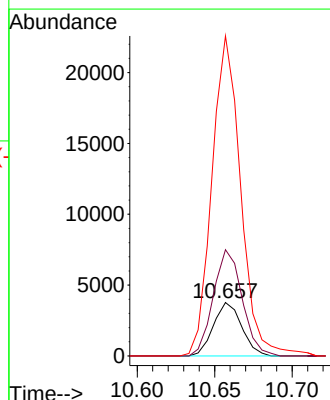
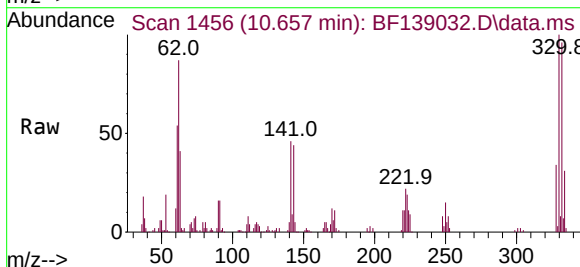
Tgt Ion:248 Resp: 4778

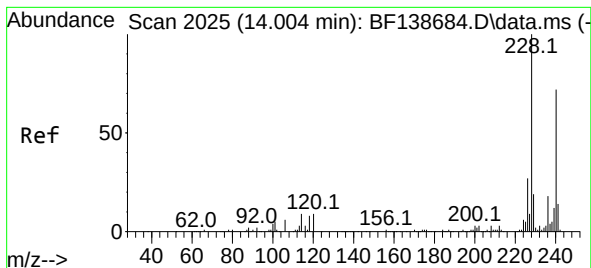
Ion Ratio Lower Upper

248 100

250 198.7 77.7 116.5#

141 598.7 68.0 102.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF139032.D

Acq: 15 Aug 2024 20:12

Instrument :

BNA_F

ClientSampleId :

922-K1-SD-0.5-1-081224

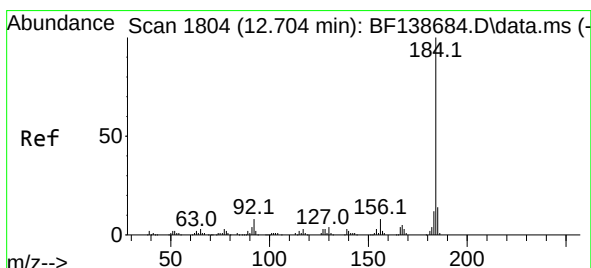
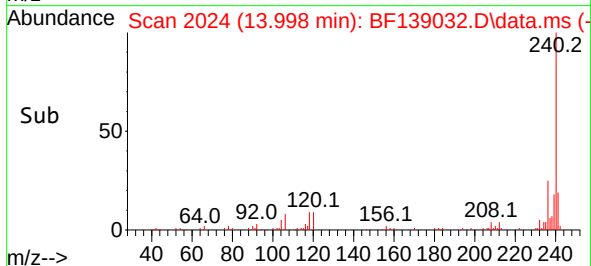
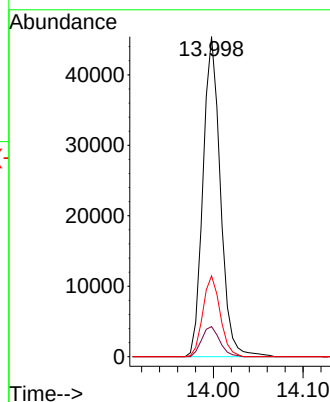
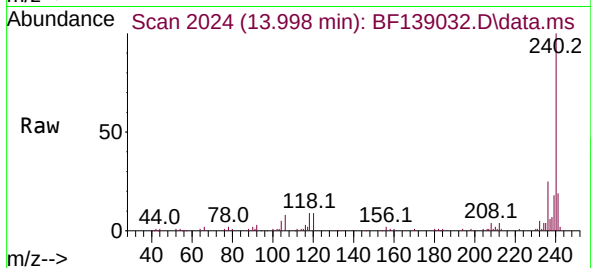
Tgt Ion:240 Resp: 61226

Ion Ratio Lower Upper

240 100

120 9.4 10.2 15.4#

236 25.3 19.8 29.8



#77

Benzidine

Concen: 2.730 ng

RT: 12.933 min Scan# 1843

Delta R.T. 0.229 min

Lab File: BF139032.D

Acq: 15 Aug 2024 20:12

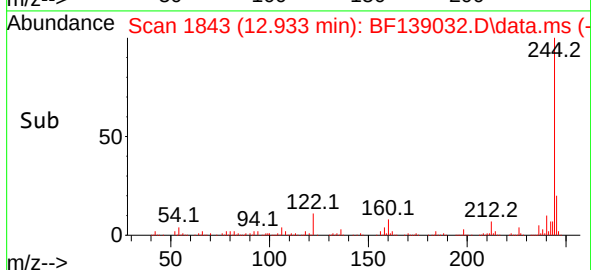
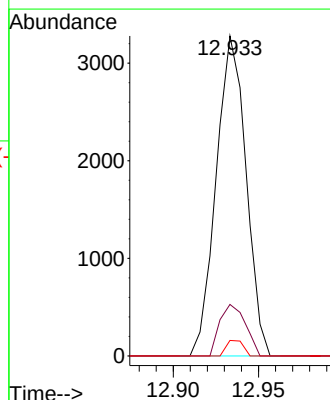
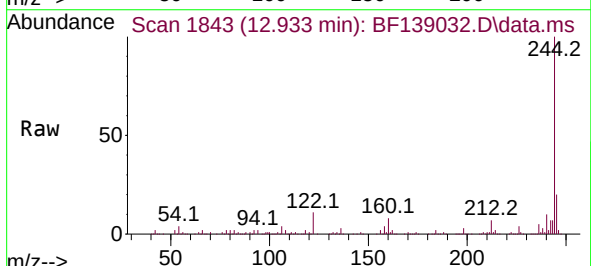
Tgt Ion:184 Resp: 3998

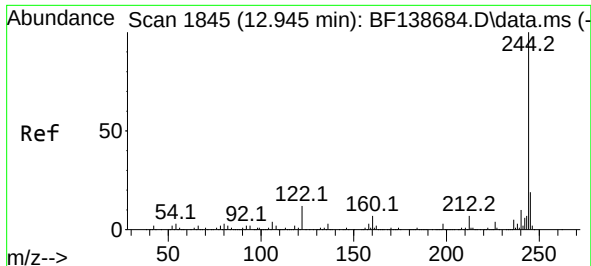
Ion Ratio Lower Upper

184 100

185 16.1 11.1 16.7

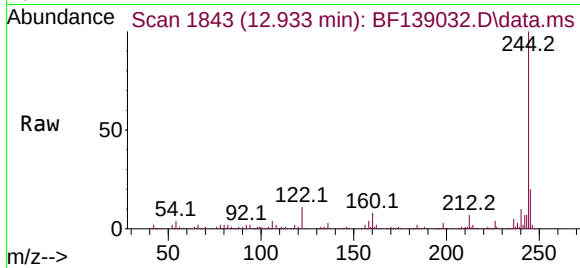
183 4.8 9.6 14.4#



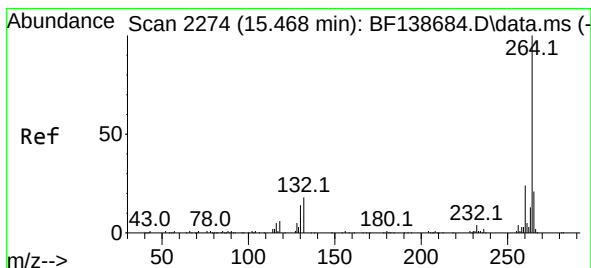
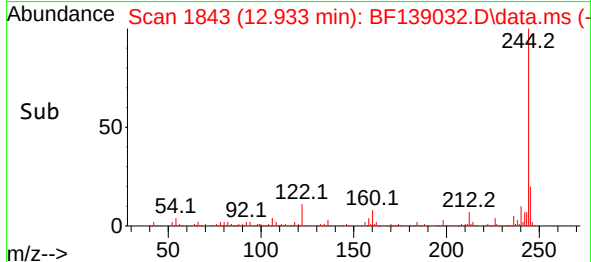
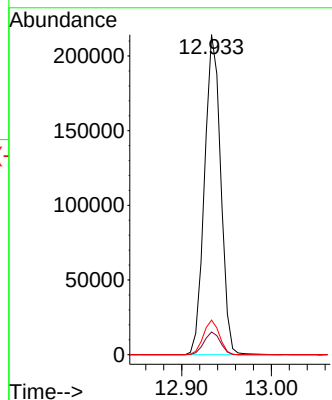


#79
 Terphenyl-d14
 Concen: 73.387 ng
 RT: 12.933 min Scan# 1843
 Delta R.T. -0.012 min
 Lab File: BF139032.D
 Acq: 15 Aug 2024 20:12

Instrument :
 BNA_F
 ClientSampleId :
 922-K1-SD-0.5-1-081224



Tgt Ion:244 Resp: 268369
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 10.8 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF139032.D
 Acq: 15 Aug 2024 20:12

Tgt Ion:264 Resp: 66197
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.0 28.6
 265 20.0 17.0 25.6

