

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081424\
 Data File : BF138994.D
 Acq On : 14 Aug 2024 15:09
 Operator : RC/JU
 Sample : P3512-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 931-K1-SD-0.5-1.0-080724-FD

Quant Time: Aug 14 15:31:22 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)

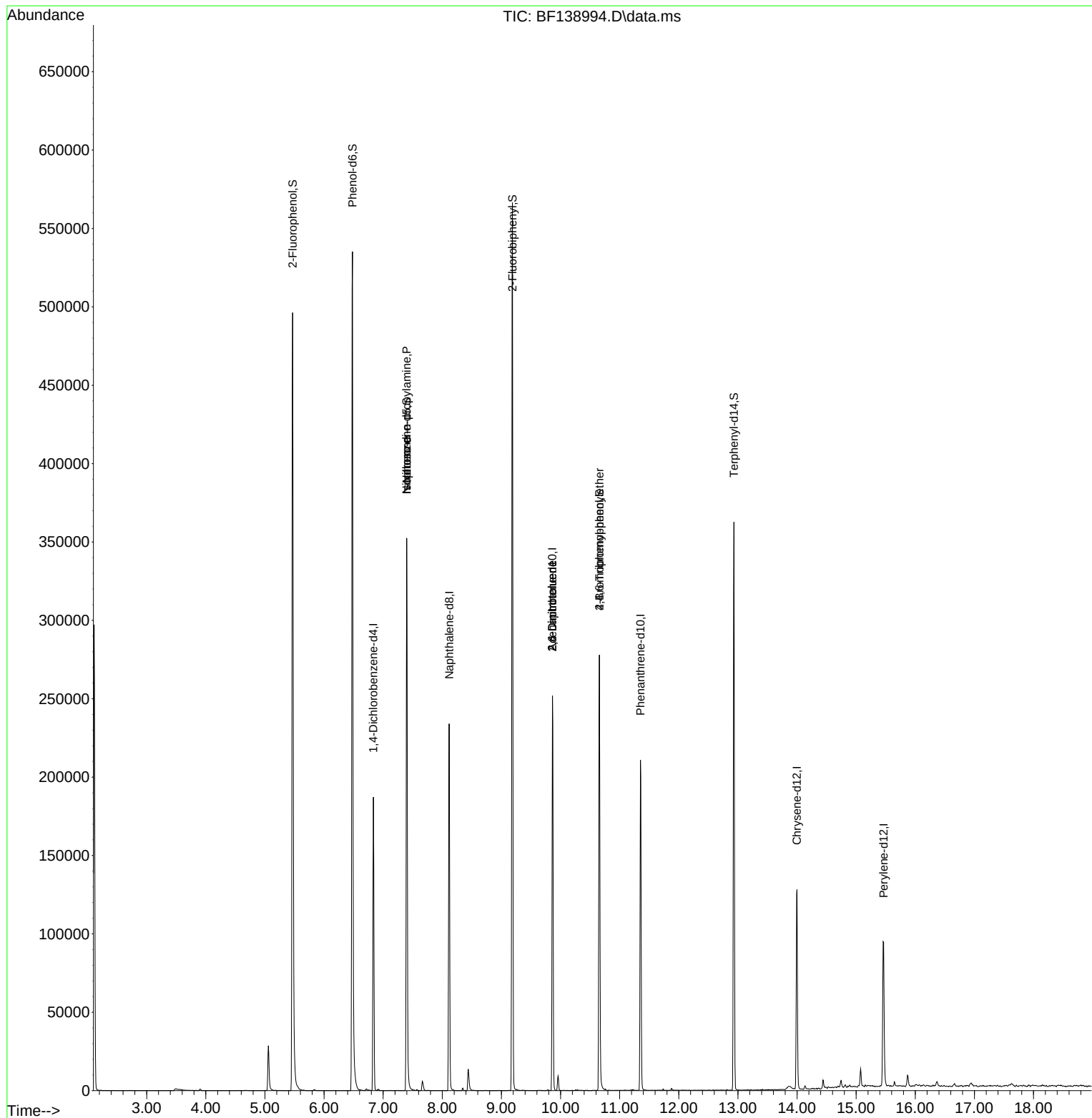
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	34757	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	136543	20.000	ng	-0.01
39) Acenaphthene-d10	9.863	164	74287	20.000	ng	-0.02
64) Phenanthrene-d10	11.351	188	111484	20.000	ng	-0.02
76) Chrysene-d12	13.998	240	64771	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	57351	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	176169	78.241	ng	0.00
7) Phenol-d6	6.481	99	235814	78.006	ng	0.00
23) Nitrobenzene-d5	7.398	82	151298	54.175	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	40617	66.748	ng	-0.01
45) 2-Fluorobiphenyl	9.187	172	232251	46.974	ng	-0.02
79) Terphenyl-d14	12.933	244	163925	42.373	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.398	70	19688	10.783	ng	# 83
25) Isophorone	7.398	82	151297	31.726	ng	# 66
51) 2,6-Dinitrotoluene	9.863	165	9060	8.452	ng	# 19
57) 2,4-Dinitrotoluene	9.863	165	9060	6.624	ng	# 16
67) 4-Bromophenyl-phenylether	10.657	248	2713	2.248	ng	# 1

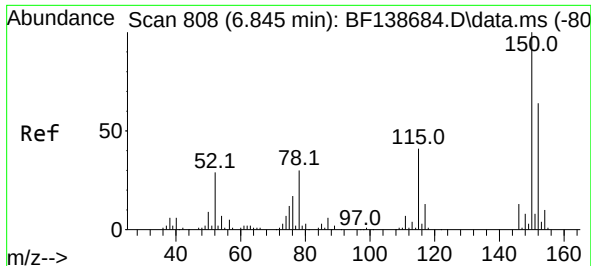
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081424\
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QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

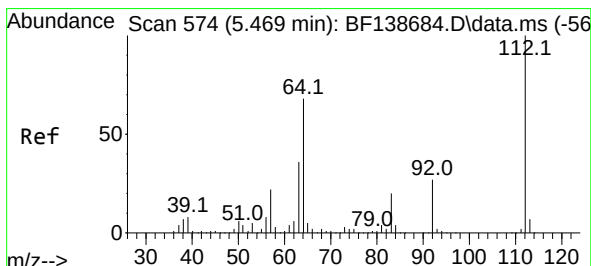
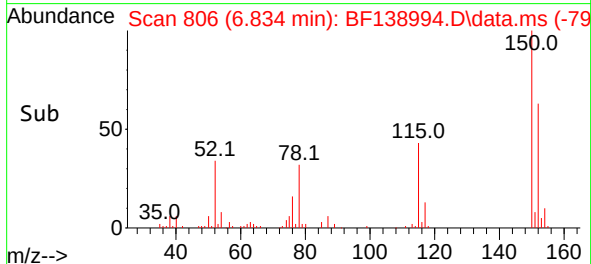
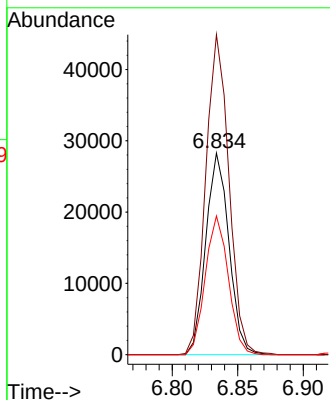
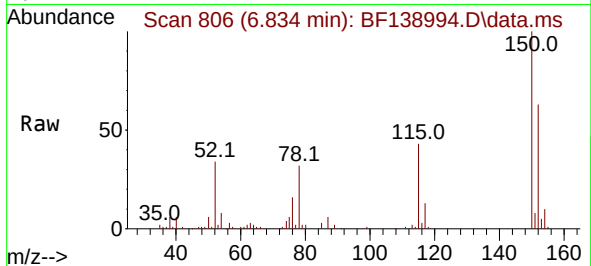




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.011 min
Lab File: BF138994.D
Acq: 14 Aug 2024 15:09

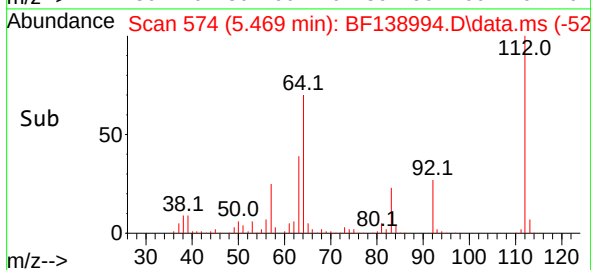
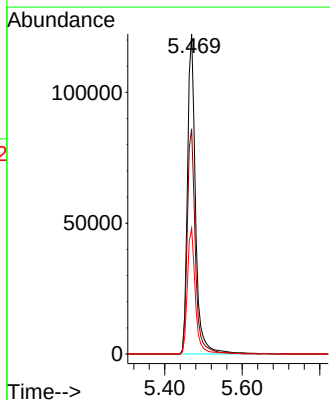
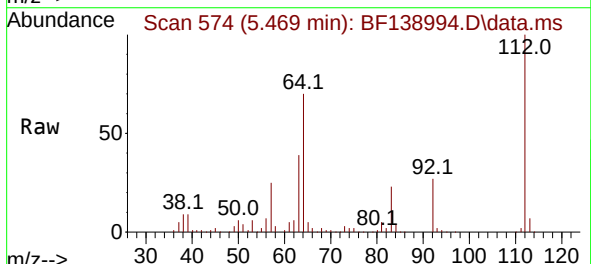
Instrument :
BNA_F
ClientSampleId :
931-K1-SD-0.5-1.0-080724-FD

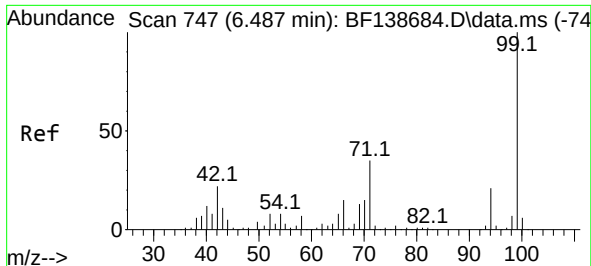
Tgt Ion:152 Resp: 34757
Ion Ratio Lower Upper
152 100
150 158.7 126.0 189.0
115 68.8 51.7 77.5



#5
2-Fluorophenol
Concen: 78.241 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138994.D
Acq: 14 Aug 2024 15:09

Tgt Ion:112 Resp: 176169
Ion Ratio Lower Upper
112 100
64 70.4 54.2 81.4
63 39.2 28.7 43.1

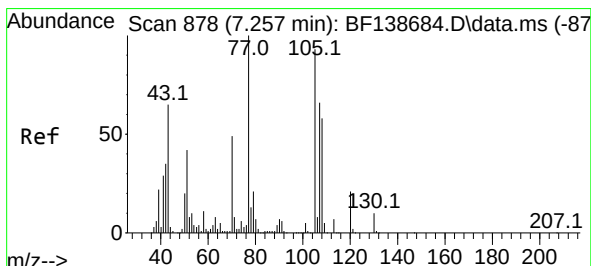
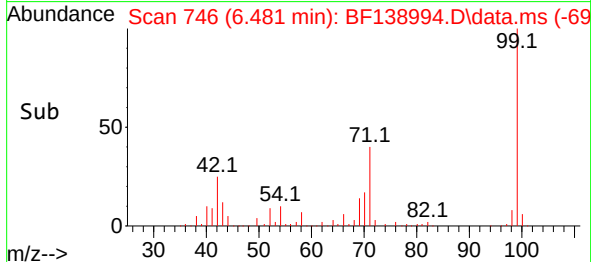
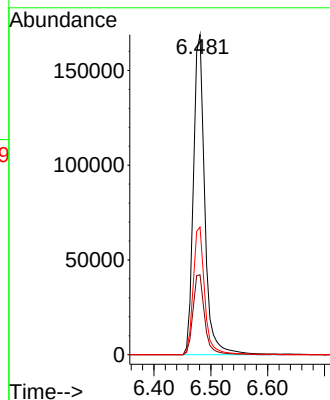
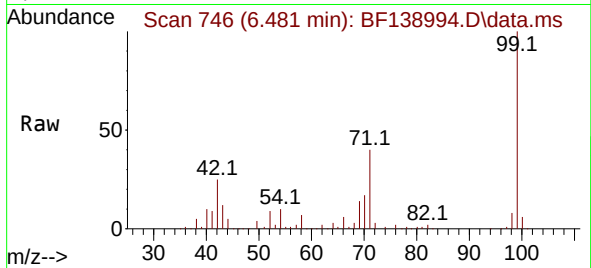




#7
Phenol-d6
Concen: 78.006 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138994.D
Acq: 14 Aug 2024 15:09

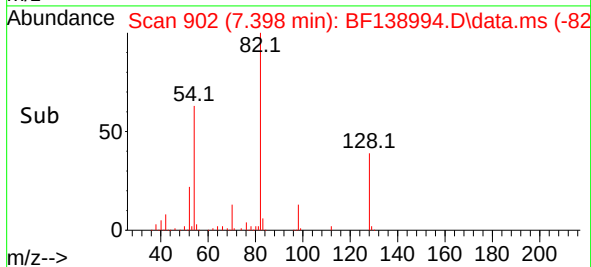
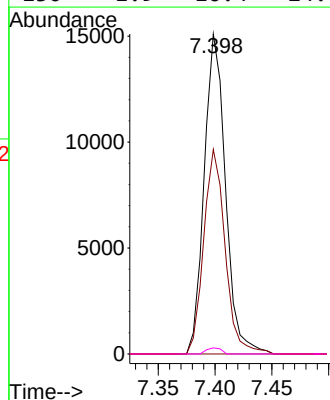
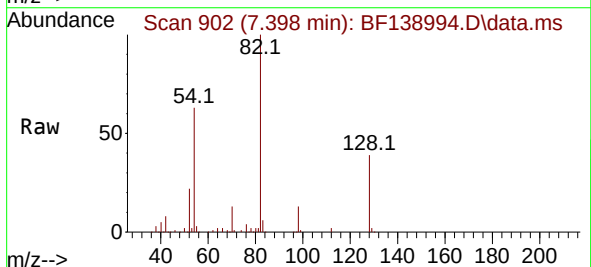
Instrument :
BNA_F
ClientSampleId :
931-K1-SD-0.5-1.0-080724-FD

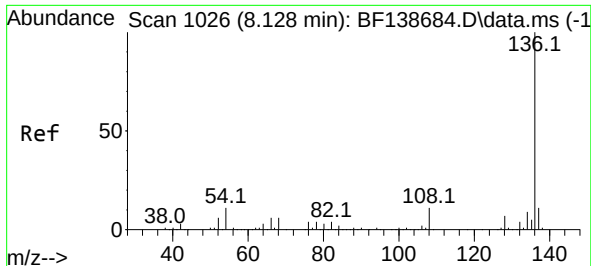
Tgt Ion: 99 Resp: 235814
Ion Ratio Lower Upper
99 100
42 24.9 17.4 26.0
71 39.9 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 10.783 ng
RT: 7.398 min Scan# 902
Delta R.T. 0.141 min
Lab File: BF138994.D
Acq: 14 Aug 2024 15:09

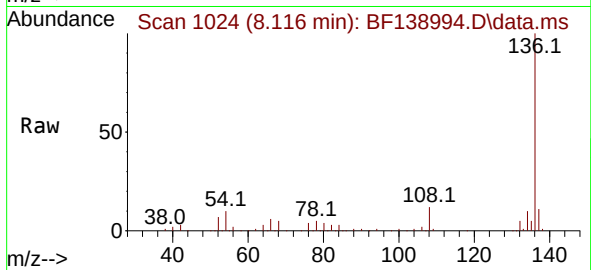
Tgt Ion: 70 Resp: 19688
Ion Ratio Lower Upper
70 100
42 63.9 57.4 86.0
101 0.0 7.5 11.3#
130 1.9 16.4 24.6#



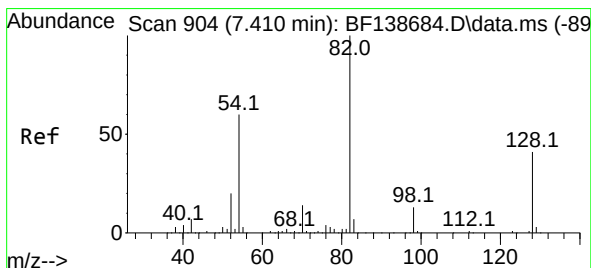
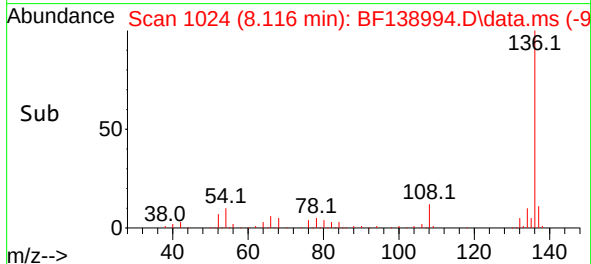
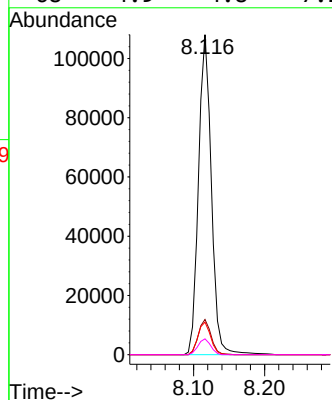


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF138994.D
Acq: 14 Aug 2024 15:09

Instrument :
BNA_F
ClientSampleId :
931-K1-SD-0.5-1.0-080724-FD

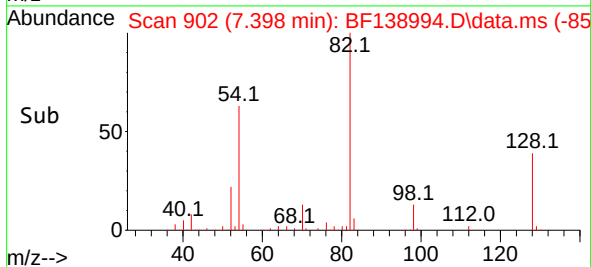
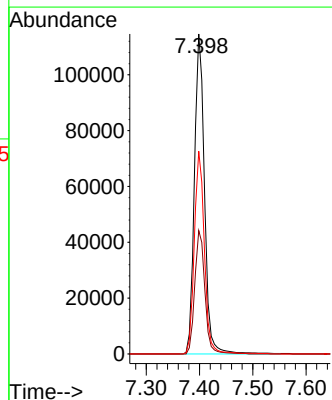
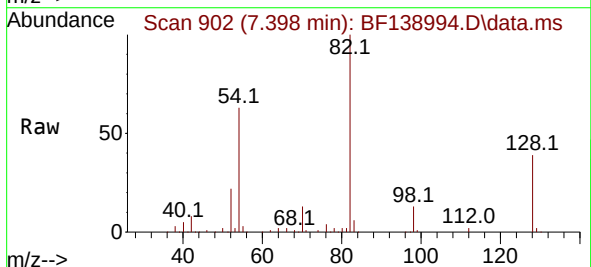


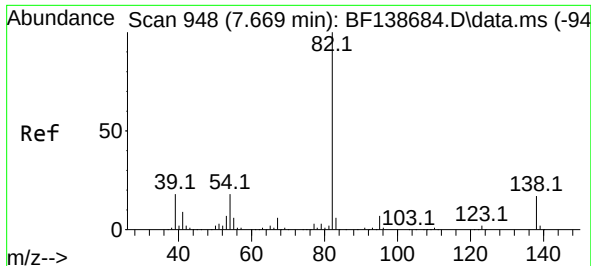
Tgt Ion:136 Resp: 136543
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 10.2 8.6 12.8
68 4.9 4.8 7.2



#23
Nitrobenzene-d5
Concen: 54.175 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.012 min
Lab File: BF138994.D
Acq: 14 Aug 2024 15:09

Tgt Ion: 82 Resp: 151298
Ion Ratio Lower Upper
82 100
128 38.6 32.8 49.2
54 63.3 48.3 72.5

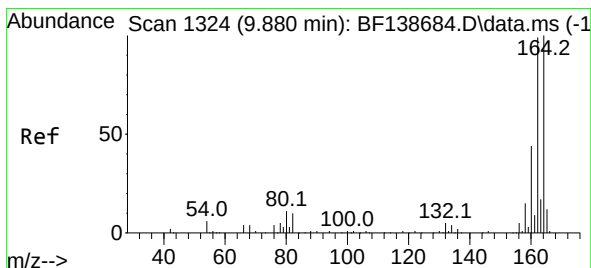
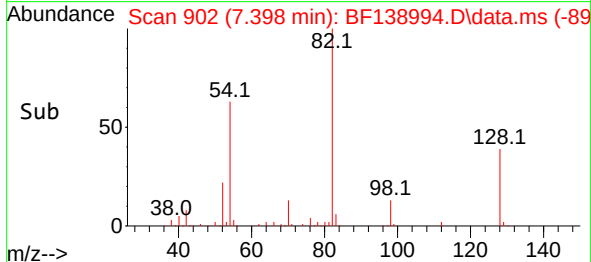
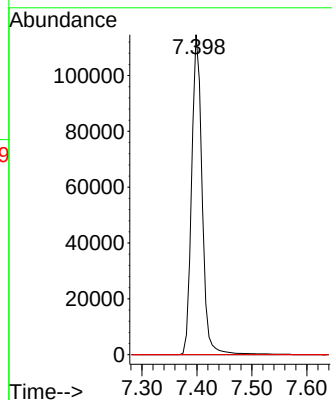
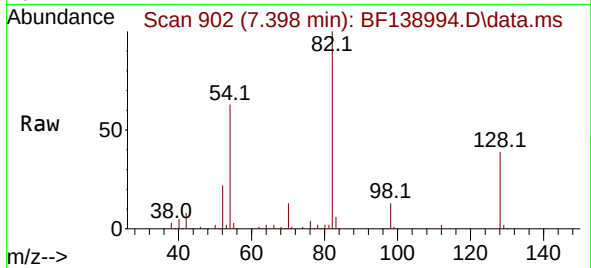




#25
Isophorone
Concen: 31.726 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.270 min
Lab File: BF138994.D
Acq: 14 Aug 2024 15:09

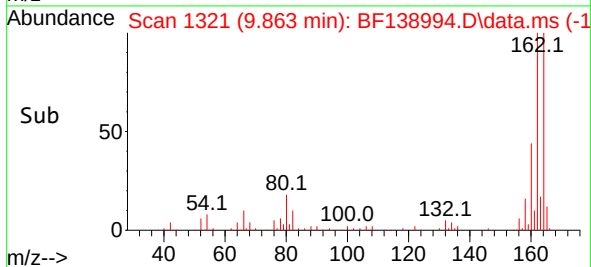
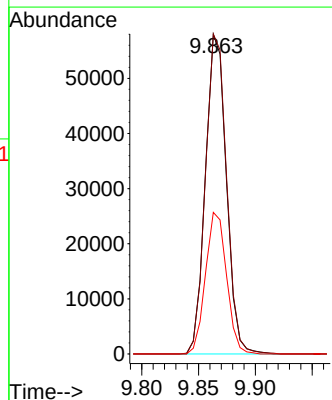
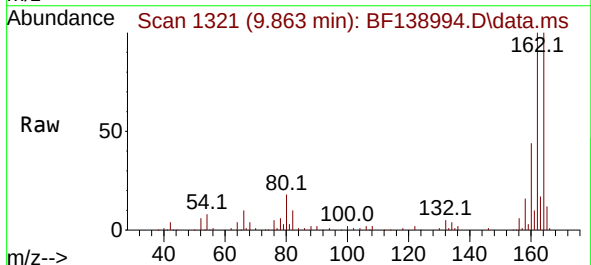
Instrument :
BNA_F
ClientSampleId :
931-K1-SD-0.5-1.0-080724-FD

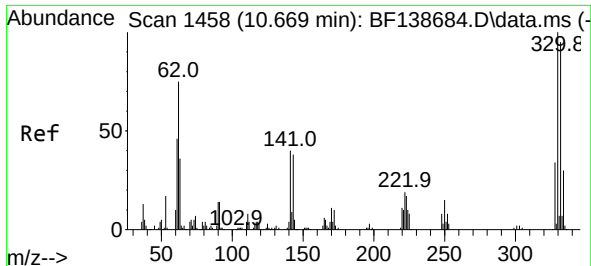
Tgt Ion: 82 Resp: 151297
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.017 min
Lab File: BF138994.D
Acq: 14 Aug 2024 15:09

Tgt Ion: 164 Resp: 74287
Ion Ratio Lower Upper
164 100
162 100.1 79.4 119.0
160 44.3 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 66.748 ng

RT: 10.657 min Scan# 1458

Delta R.T. -0.012 min

Lab File: BF138994.D

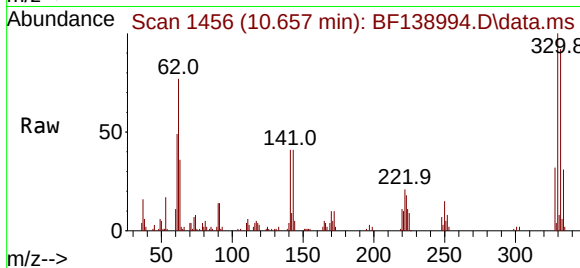
Acq: 14 Aug 2024 15:09

Instrument :

BNA_F

ClientSampleId :

931-K1-SD-0.5-1.0-080724-FD



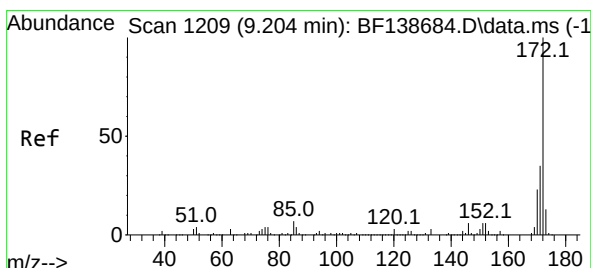
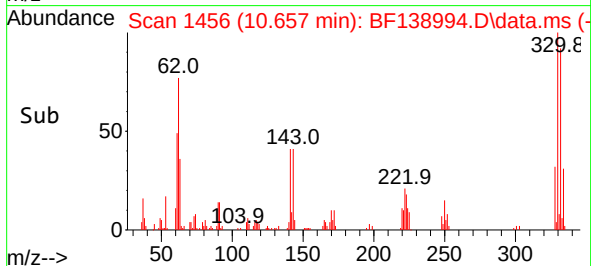
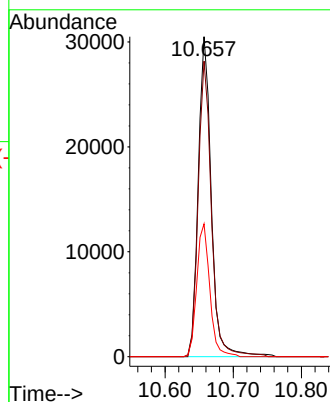
Tgt Ion:330 Resp: 40617

Ion Ratio Lower Upper

330 100

332 93.0 76.4 114.6

141 41.5 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 46.974 ng

RT: 9.187 min Scan# 1206

Delta R.T. -0.018 min

Lab File: BF138994.D

Acq: 14 Aug 2024 15:09

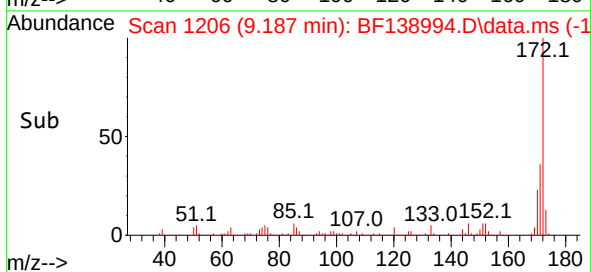
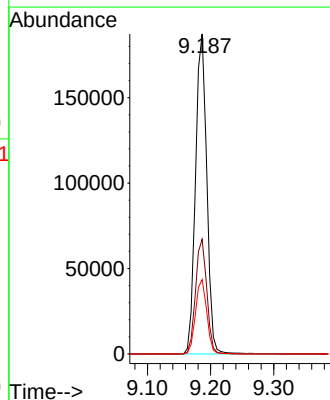
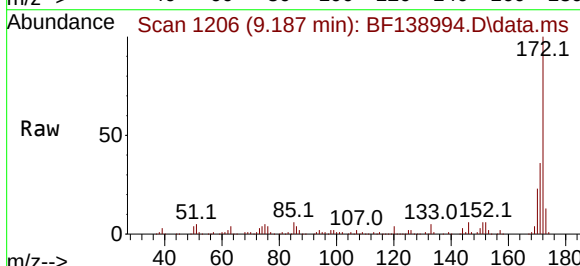
Tgt Ion:172 Resp: 232251

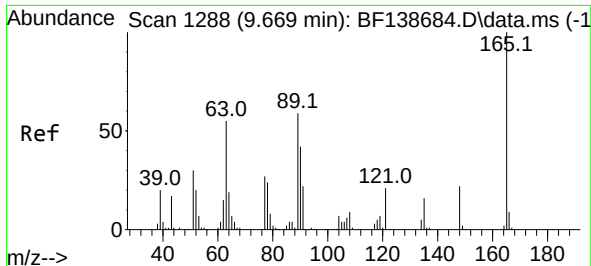
Ion Ratio Lower Upper

172 100

171 35.9 28.3 42.5

170 23.3 18.8 28.2

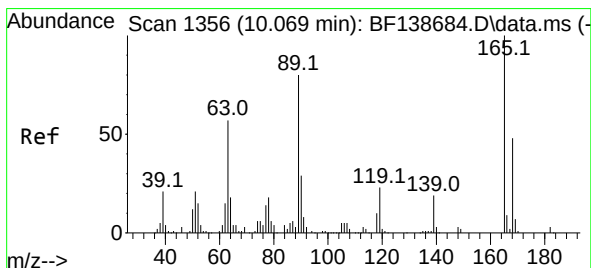
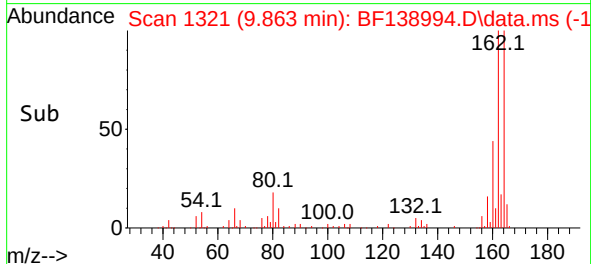
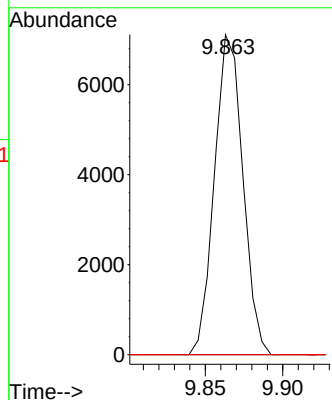
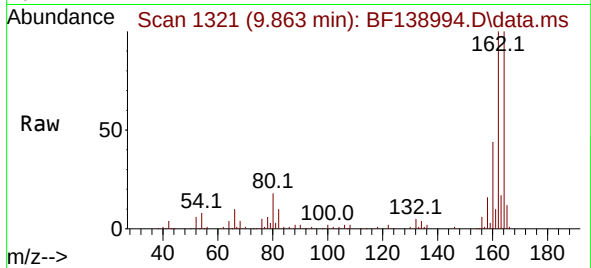




#51
2,6-Dinitrotoluene
Concen: 8.452 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF138994.D
Acq: 14 Aug 2024 15:09

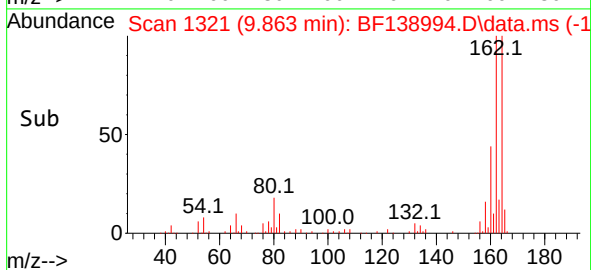
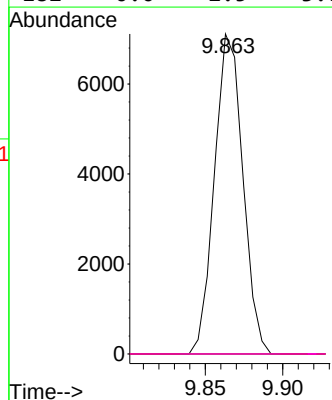
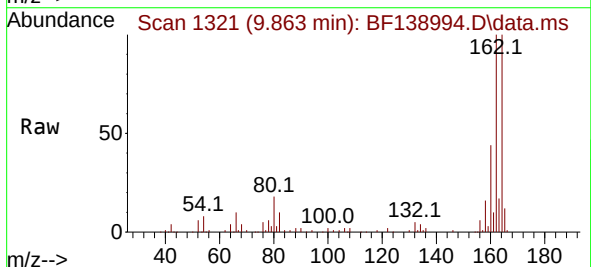
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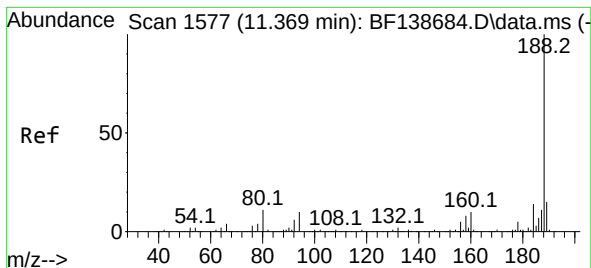
Tgt Ion:165 Resp: 9060
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 0.0 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 6.624 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.206 min
Lab File: BF138994.D
Acq: 14 Aug 2024 15:09

Tgt Ion:165 Resp: 9060
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# 111484

Delta R.T. -0.018 min

Lab File: BF138994.D

Acq: 14 Aug 2024 15:09

Instrument :

BNA_F

ClientSampleId :

931-K1-SD-0.5-1.0-080724-FD

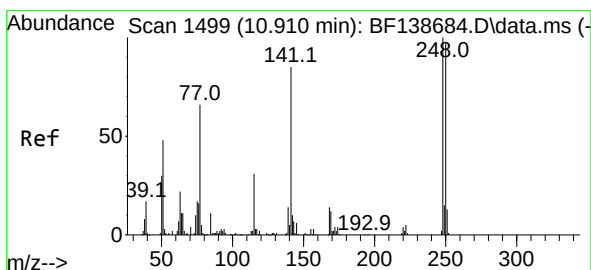
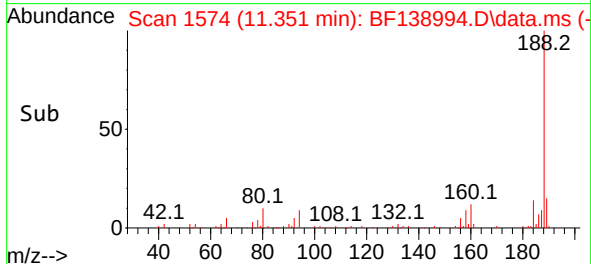
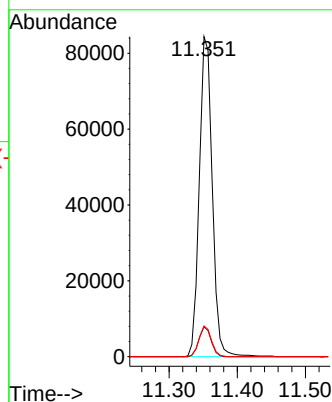
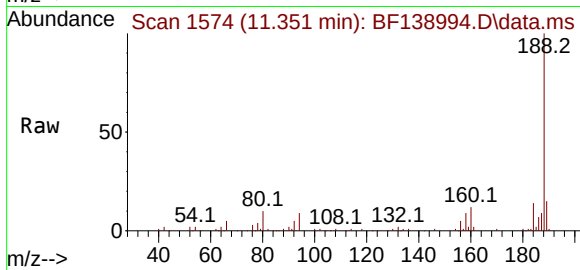
Tgt Ion:188 Resp: 111484

Ion Ratio Lower Upper

188 100

94 9.3 7.6 11.4

80 9.6 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 2.248 ng

RT: 10.657 min Scan# 1456

Delta R.T. -0.253 min

Lab File: BF138994.D

Acq: 14 Aug 2024 15:09

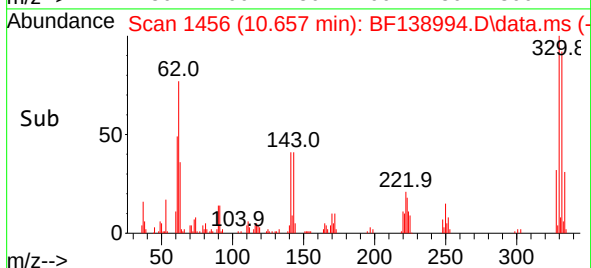
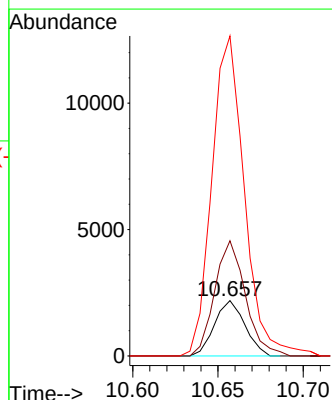
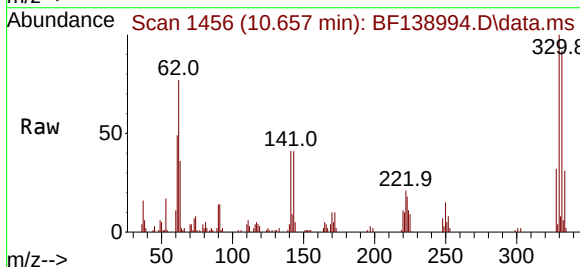
Tgt Ion:248 Resp: 2713

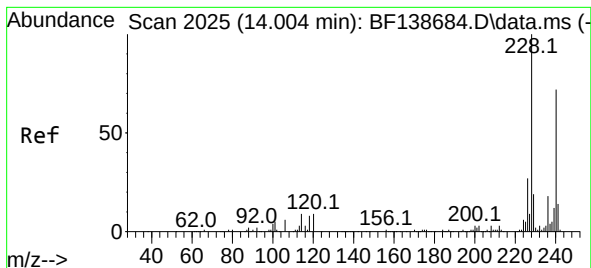
Ion Ratio Lower Upper

248 100

250 208.1 77.7 116.5#

141 578.3 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: BF138994.D

Acq: 14 Aug 2024 15:09

Instrument :

BNA_F

ClientSampleId :

931-K1-SD-0.5-1.0-080724-FD

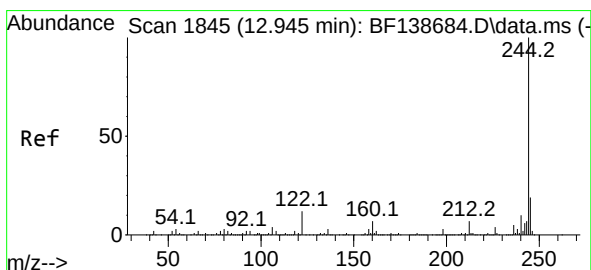
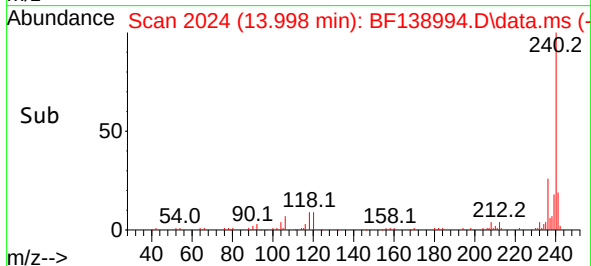
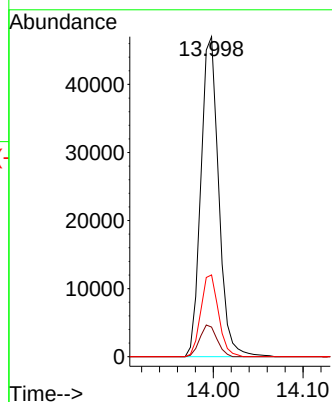
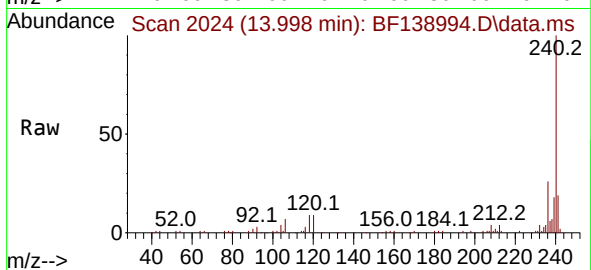
Tgt Ion:240 Resp: 64771

Ion Ratio Lower Upper

240 100

120 9.2 10.2 15.4#

236 25.6 19.8 29.8



#79

Terphenyl-d14

Concen: 42.373 ng

RT: 12.933 min Scan# 1843

Delta R.T. -0.012 min

Lab File: BF138994.D

Acq: 14 Aug 2024 15:09

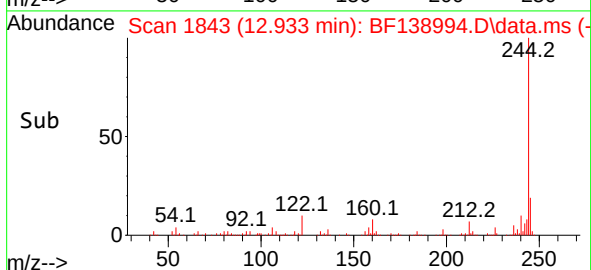
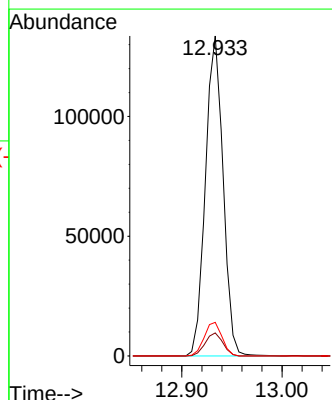
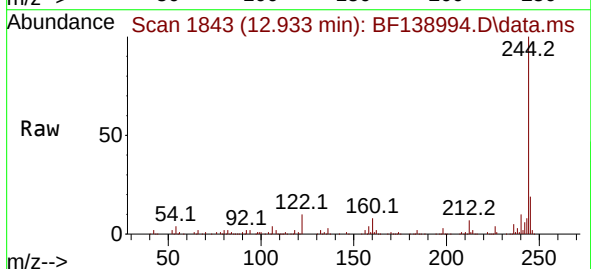
Tgt Ion:244 Resp: 163925

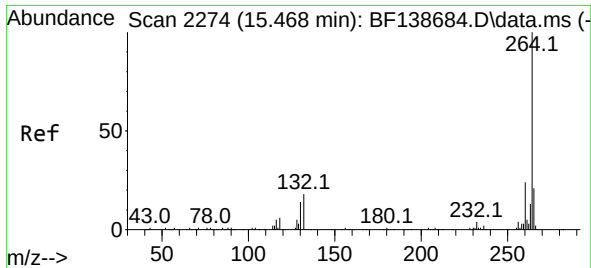
Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.2

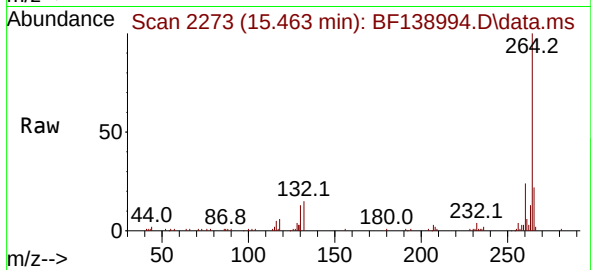
122 10.5 9.6 14.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF138994.D
 Acq: 14 Aug 2024 15:09

Instrument :
 BNA_F
 ClientSampleId :
 931-K1-SD-0.5-1.0-080724-FD



Tgt Ion:264 Resp: 57351

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.6
265	21.9	17.0	25.6

