

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082224\
 Data File : BF139120.D
 Acq On : 22 Aug 2024 13:51
 Operator : RC/JU
 Sample : P3640-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-COMP

Quant Time: Aug 22 14:19:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 21 01:25:05 2024
 Response via : Initial Calibration

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

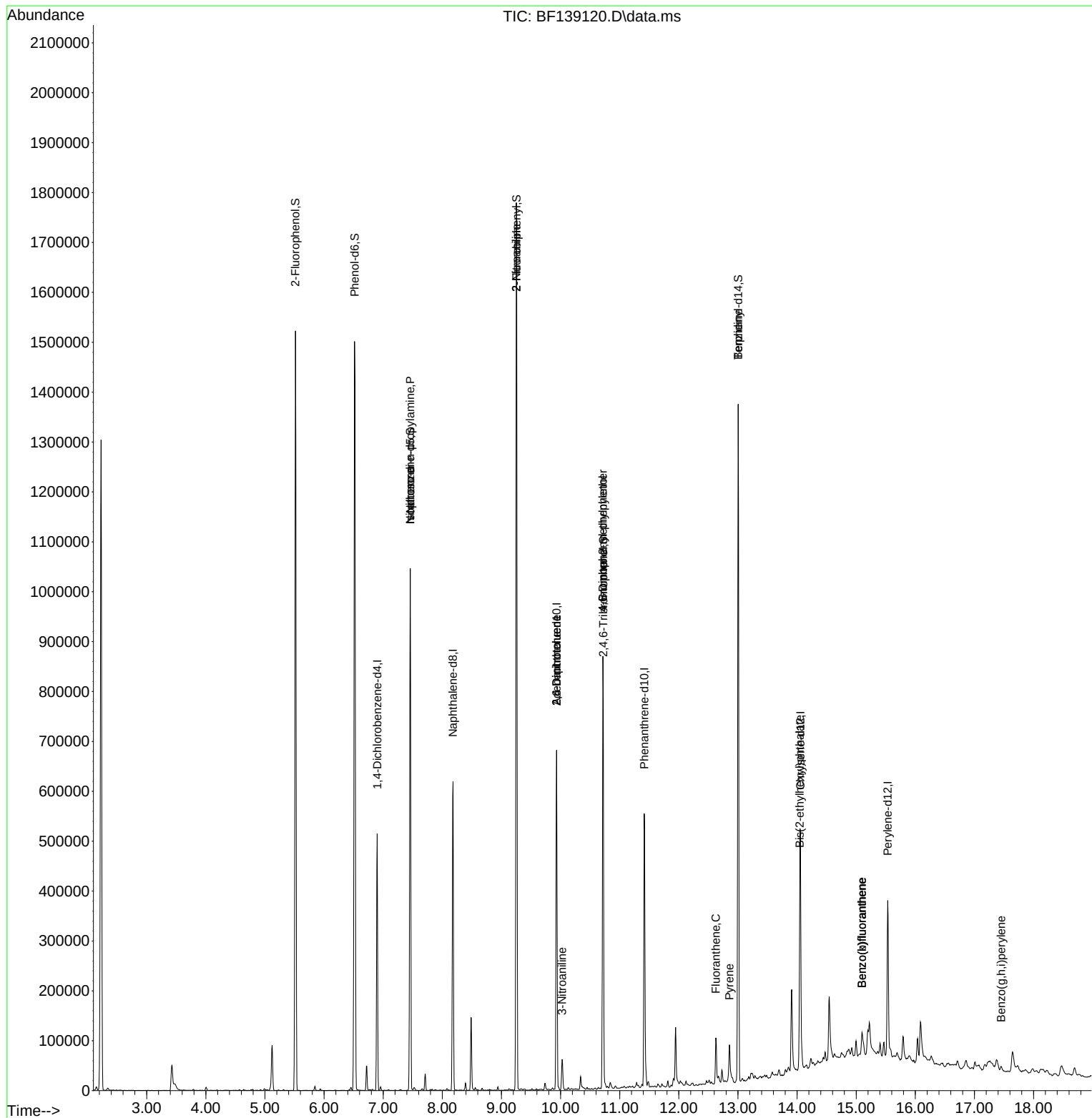
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	98107	20.000	ng	0.00
21) Naphthalene-d8	8.180	136	355120	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	192433	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	280802	20.000	ng	0.00
76) Chrysene-d12	14.057	240	192992	20.000	ng	0.00
86) Perylene-d12	15.533	264	181320	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	509677	79.928	ng	0.00
7) Phenol-d6	6.516	99	685389	83.183	ng	0.00
23) Nitrobenzene-d5	7.457	82	456642	74.928	ng	0.00
42) 2,4,6-Tribromophenol	10.721	330	129050	74.079	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	761536	62.789	ng	0.00
79) Terphenyl-d14	13.004	244	631954	54.334	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	62907	11.626	ng	# 80
25) Isophorone	7.457	82	456193	35.218	ng	# 69
48) 2-Nitroaniline	9.251	65	1406	6.061	ng	# 1
51) 2,6-Dinitrotoluene	9.933	165	25239	14.112	ng	# 16
53) 3-Nitroaniline	10.027	138	491	4.361	ng	# 1
57) 2,4-Dinitrotoluene	9.933	165	25239	13.018	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.716	198	281	6.774	ng	# 1
67) 4-Bromophenyl-phenylether	10.716	248	9738	3.273	ng	# 1
75) Fluoranthene	12.627	202	45543	2.990	ng	99
77) Benzidine	13.004	184	9041	2.268	ng	# 90
78) Pyrene	12.857	202	38294	2.378	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	35863	4.855	ng	99
88) Benzo(b)fluoranthene	15.098	252	36574	3.094	ng	# 94
89) Benzo(k)fluoranthene	15.098	252	36574	3.715	ng	# 94
92) Benzo(g,h,i)perylene	17.450	276	9799	3.722	ng	95

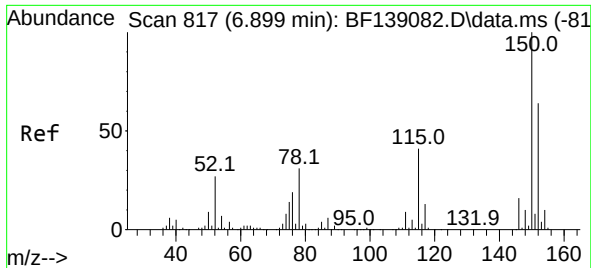
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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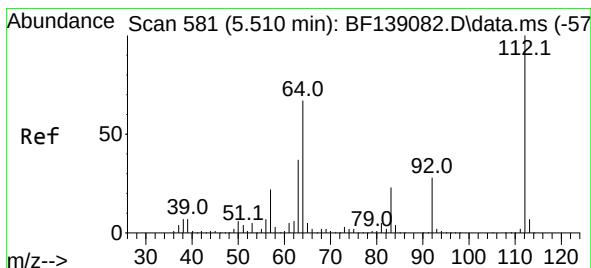
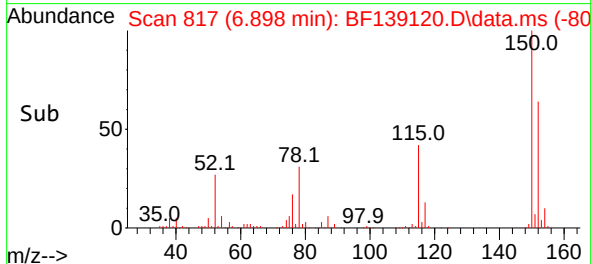
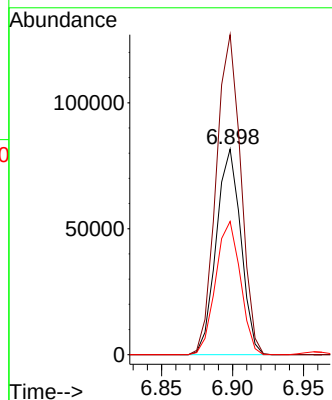
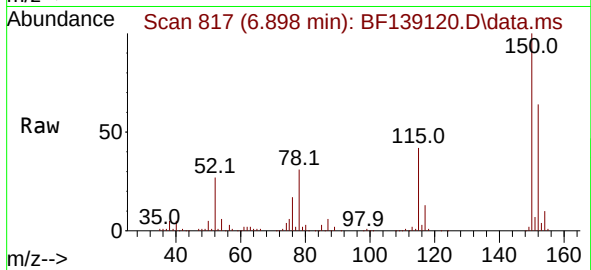




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 81
Delta R.T. -0.001 min
Lab File: BF139120.D
Acq: 22 Aug 2024 13:51

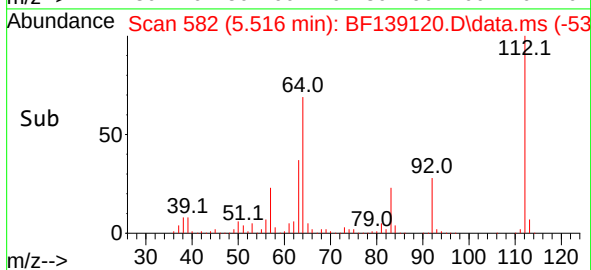
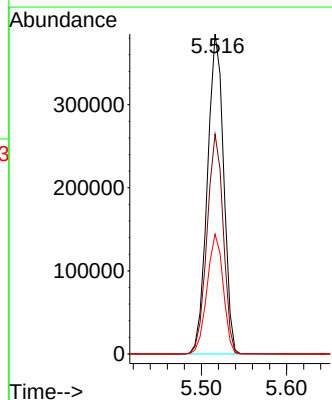
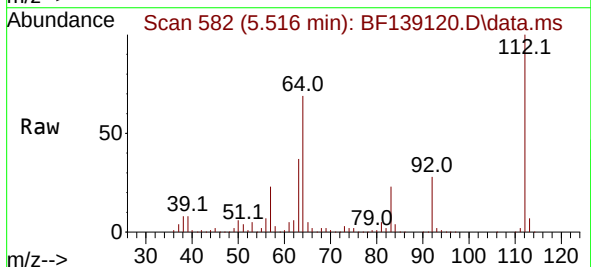
Instrument :
BNA_F
ClientSampleId :
SP-1-COMP

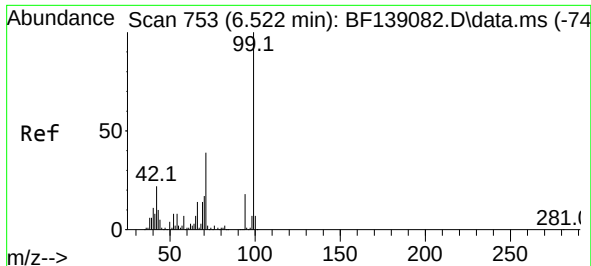
Tgt Ion:152 Resp: 98107
Ion Ratio Lower Upper
152 100
150 155.6 125.1 187.7
115 64.9 51.8 77.6



#5
2-Fluorophenol
Concen: 79.928 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF139120.D
Acq: 22 Aug 2024 13:51

Tgt Ion:112 Resp: 509677
Ion Ratio Lower Upper
112 100
64 68.7 53.8 80.6
63 37.4 29.4 44.2

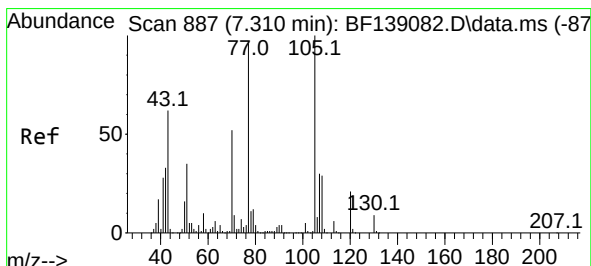
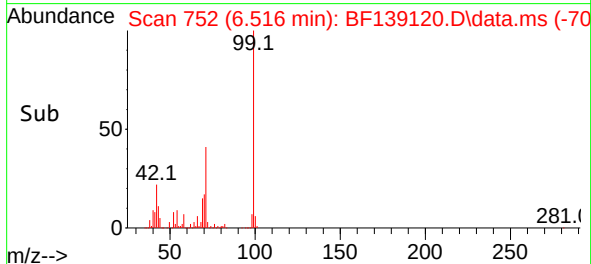
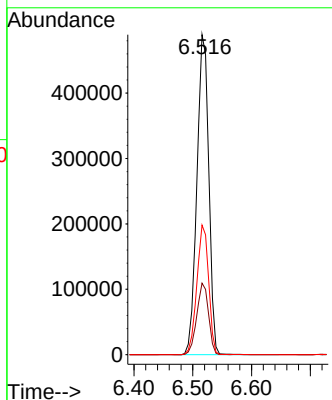
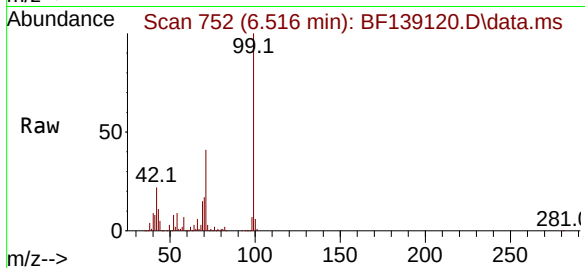




#7
Phenol-d6
Concen: 83.183 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139120.D
Acq: 22 Aug 2024 13:51

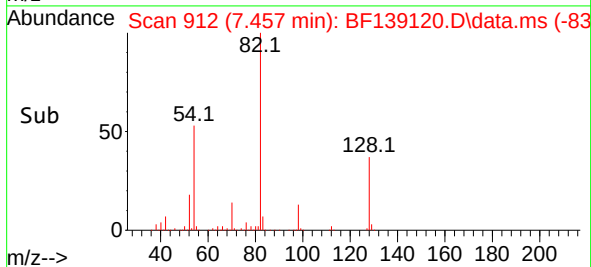
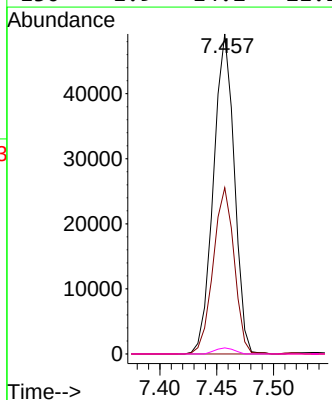
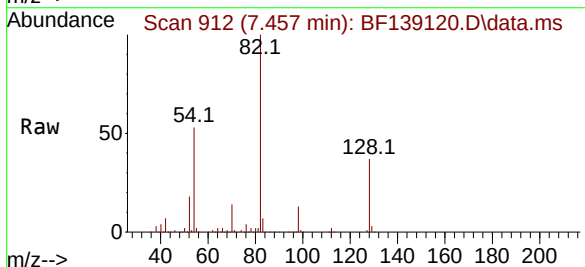
Instrument :
BNA_F
ClientSampleId :
SP-1-COMP

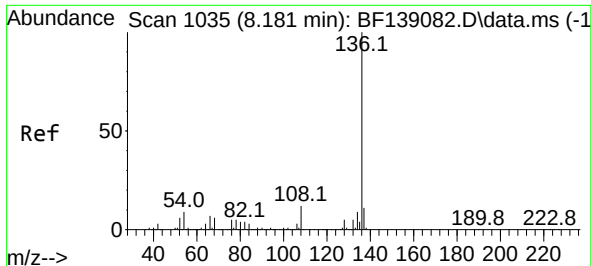
Tgt Ion: 99 Resp: 685389
Ion Ratio Lower Upper
99 100
42 22.3 17.4 26.2
71 40.5 31.2 46.8



#19
n-Nitroso-di-n-propylamine
Concen: 11.626 ng
RT: 7.457 min Scan# 912
Delta R.T. 0.147 min
Lab File: BF139120.D
Acq: 22 Aug 2024 13:51

Tgt Ion: 70 Resp: 62907
Ion Ratio Lower Upper
70 100
42 52.0 50.5 75.7
101 0.0 7.2 10.8#
130 1.9 14.2 21.2#



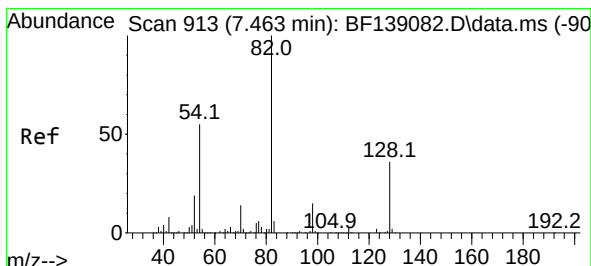
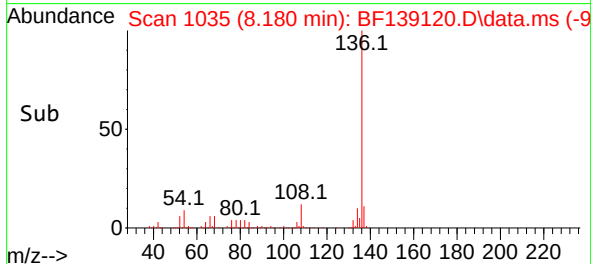
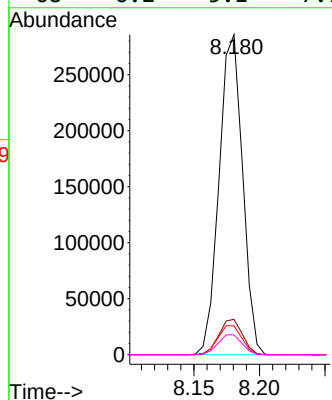
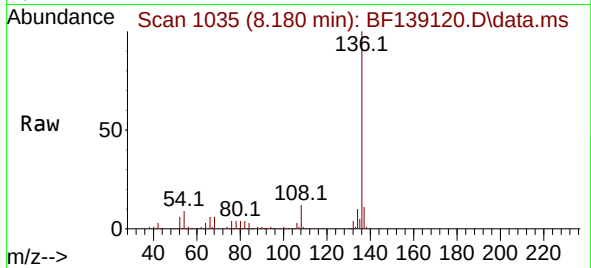


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.180 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF139120.D
Acq: 22 Aug 2024 13:51

Instrument :
BNA_F
ClientSampleId :
SP-1-COMP

Tgt Ion:136 Resp: 355120

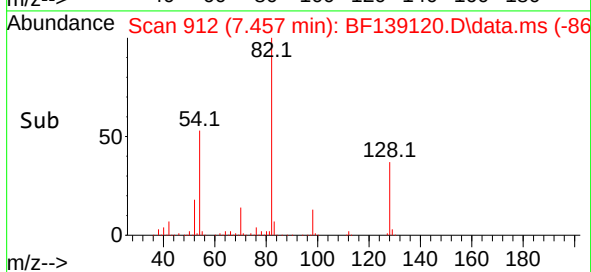
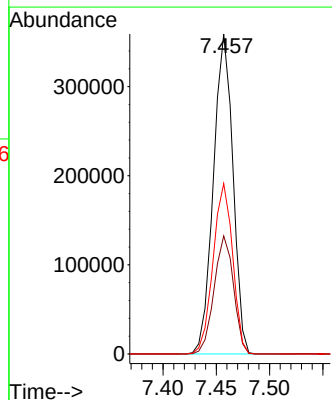
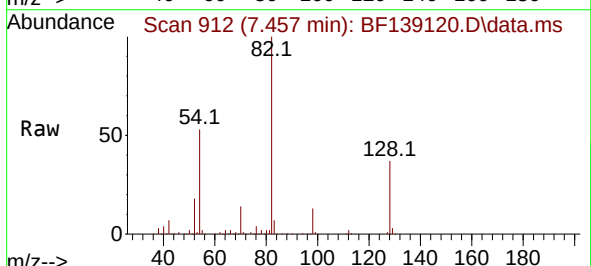
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	9.0	7.6	11.4
68	6.2	5.1	7.7

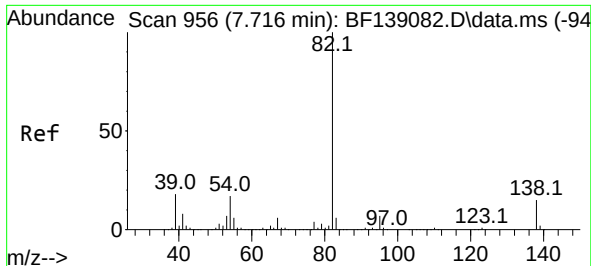


#23
Nitrobenzene-d5
Concen: 74.928 ng
RT: 7.457 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF139120.D
Acq: 22 Aug 2024 13:51

Tgt Ion: 82 Resp: 456642

Ion	Ratio	Lower	Upper
82	100		
128	36.9	29.0	43.4
54	53.2	43.4	65.2

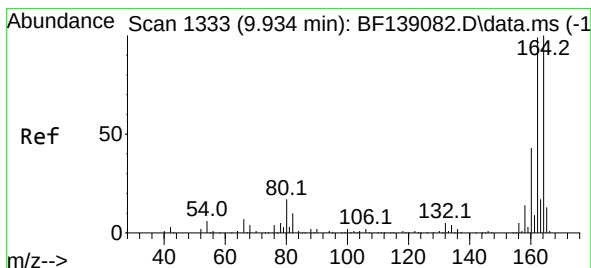
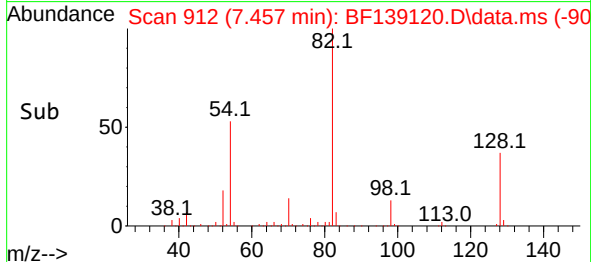
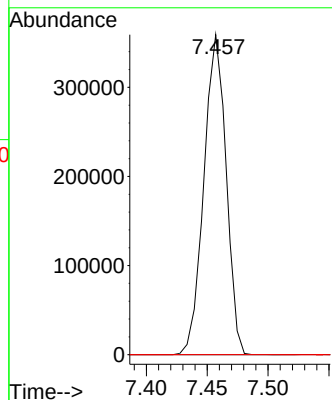
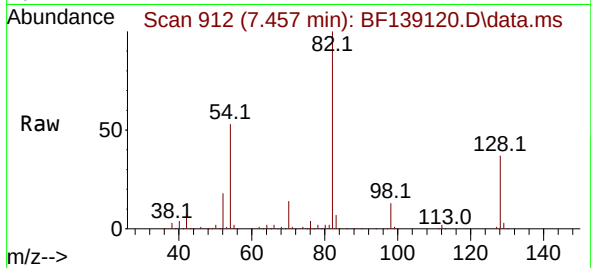




#25
Isophorone
Concen: 35.218 ng
RT: 7.457 min Scan# 912
Delta R.T. -0.259 min
Lab File: BF139120.D
Acq: 22 Aug 2024 13:51

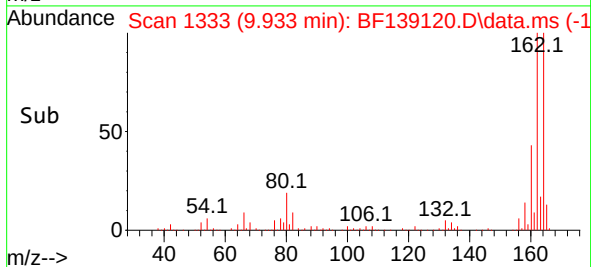
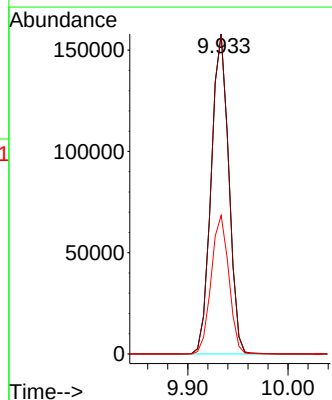
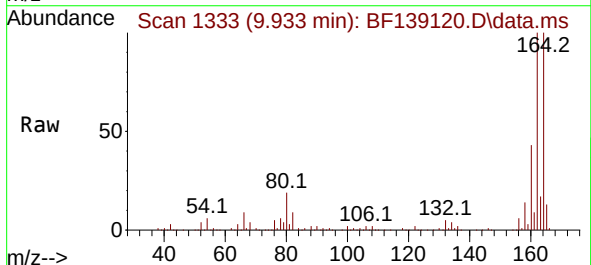
Instrument :
BNA_F
ClientSampleId :
SP-1-COMP

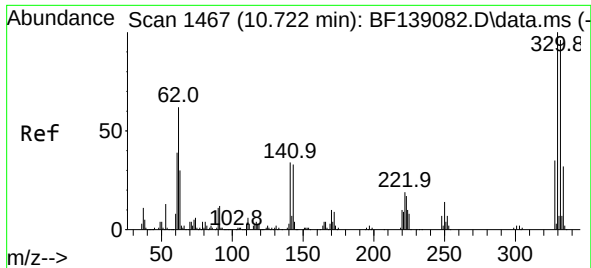
Tgt Ion: 82 Resp: 456193
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1333
Delta R.T. -0.001 min
Lab File: BF139120.D
Acq: 22 Aug 2024 13:51

Tgt Ion:164 Resp: 192433
Ion Ratio Lower Upper
164 100
162 99.9 79.5 119.3
160 43.3 34.5 51.7

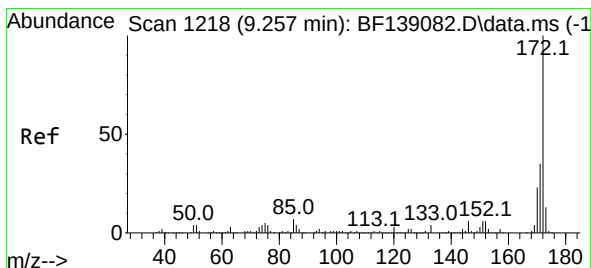
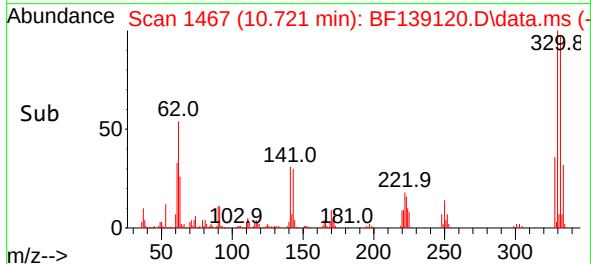
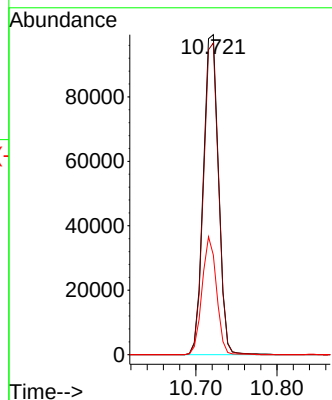
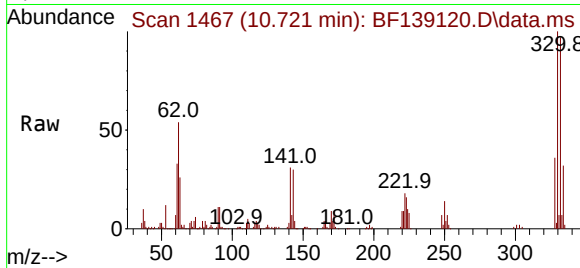




#42
2,4,6-Tribromophenol
Concen: 74.079 ng
RT: 10.721 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BF139120.D
Acq: 22 Aug 2024 13:51

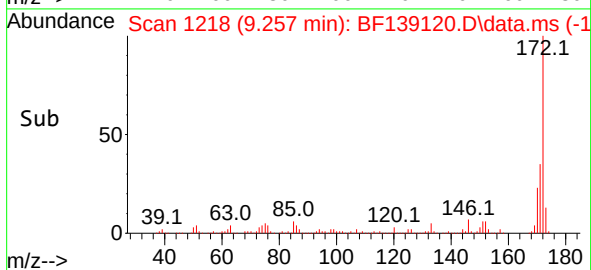
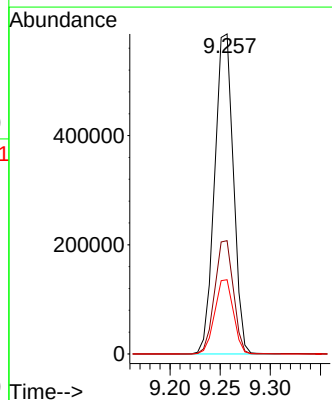
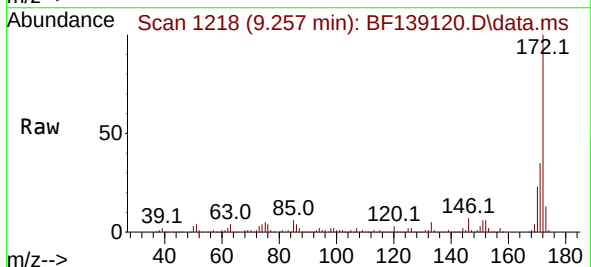
Instrument :
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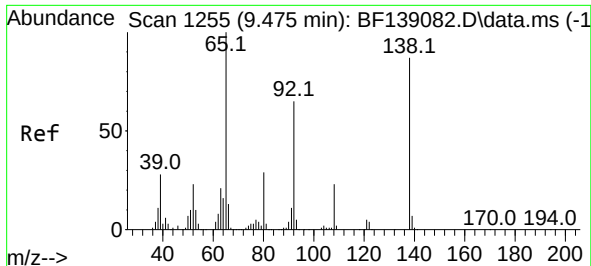
Tgt Ion:330 Resp: 129050
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.6
141 35.1 27.5 41.3



#45
2-Fluorobiphenyl
Concen: 62.789 ng
RT: 9.257 min Scan# 1218
Delta R.T. -0.000 min
Lab File: BF139120.D
Acq: 22 Aug 2024 13:51

Tgt Ion:172 Resp: 761536
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.2 18.8 28.2





#48

2-Nitroaniline

Concen: 6.061 ng

RT: 9.251 min Scan# 11

Delta R.T. -0.224 min

Lab File: BF139120.D

Acq: 22 Aug 2024 13:51

Instrument :

BNA_F

ClientSampleId :

SP-1-COMP

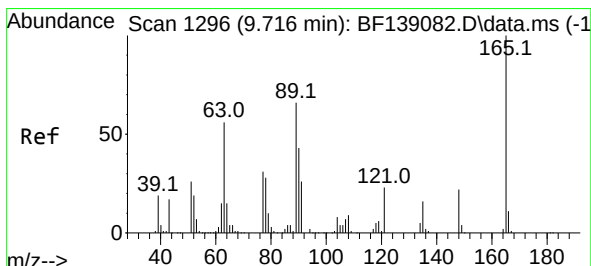
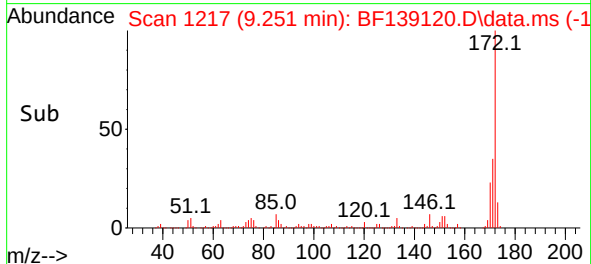
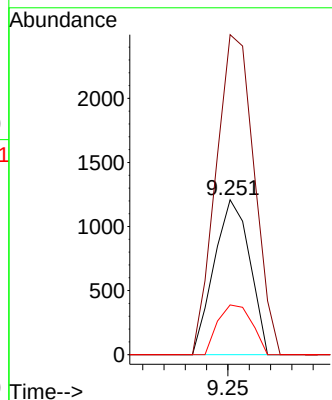
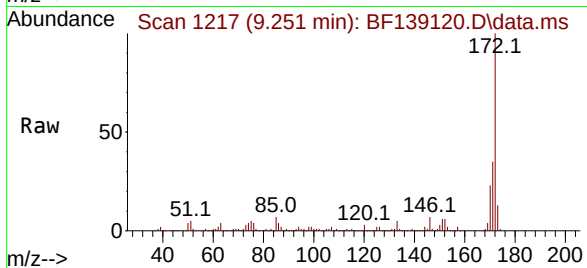
Tgt Ion: 65 Resp: 1406

Ion Ratio Lower Upper

65 100

92 206.7 52.4 78.6#

138 32.1 69.4 104.0#



#51

2,6-Dinitrotoluene

Concen: 14.112 ng

RT: 9.933 min Scan# 1333

Delta R.T. 0.217 min

Lab File: BF139120.D

Acq: 22 Aug 2024 13:51

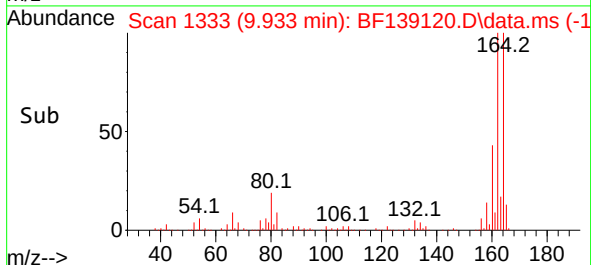
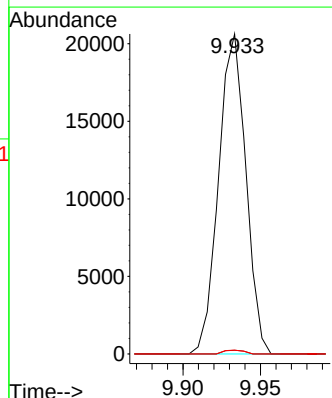
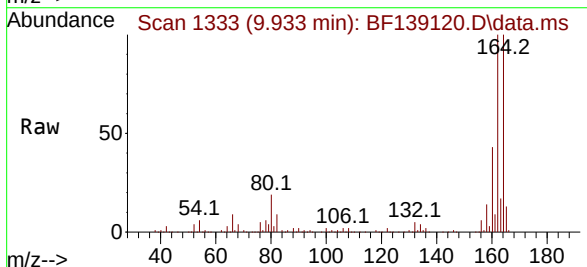
Tgt Ion: 165 Resp: 25239

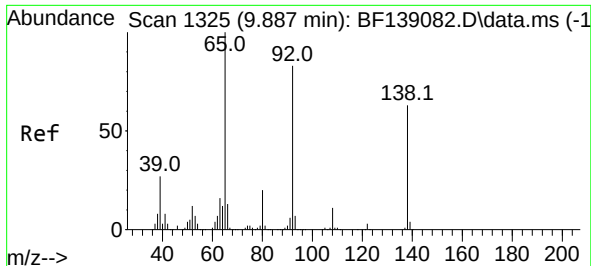
Ion Ratio Lower Upper

165 100

63 1.2 58.0 87.0#

89 1.2 53.3 79.9#

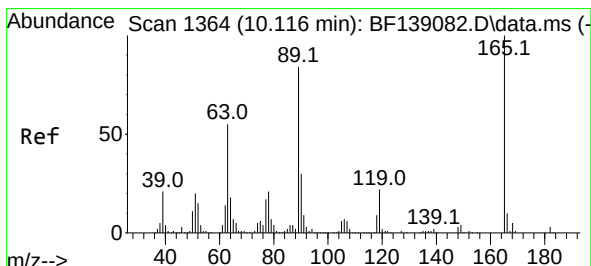
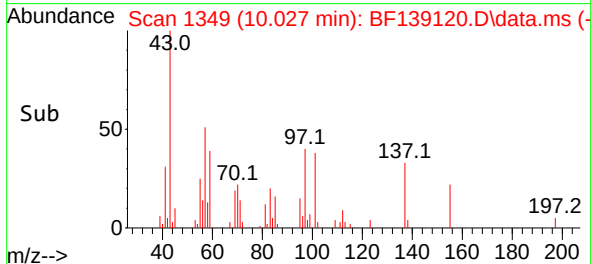
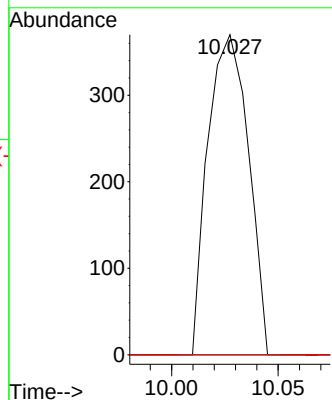
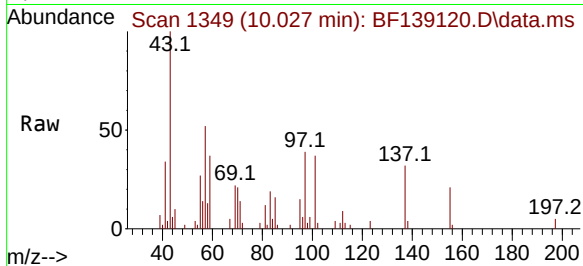




#53
3-Nitroaniline
Concen: 4.361 ng
RT: 10.027 min Scan# 11
Delta R.T. 0.140 min
Lab File: BF139120.D
Acq: 22 Aug 2024 13:51

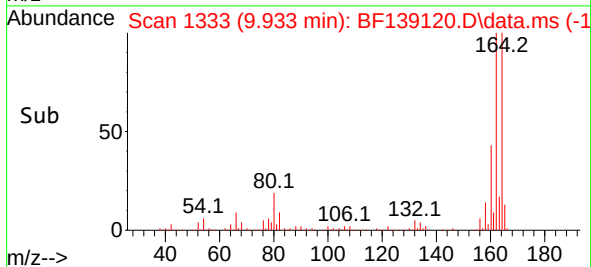
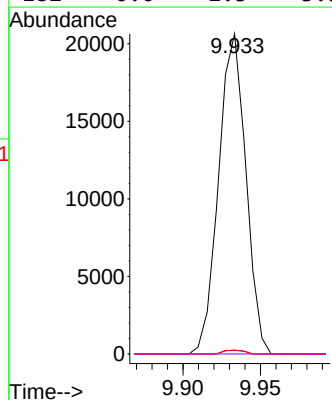
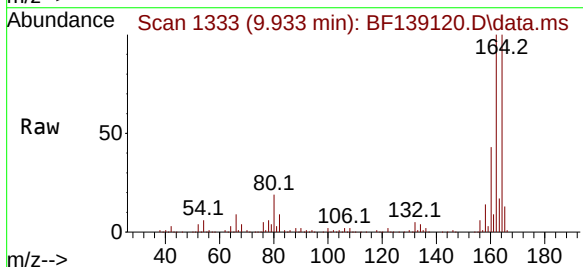
Instrument :
BNA_F
ClientSampleId :
SP-1-COMP

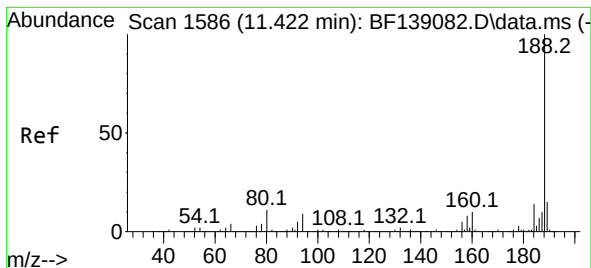
Tgt Ion:138 Resp: 491
Ion Ratio Lower Upper
138 100
108 0.0 14.6 21.8#
92 0.0 105.9 158.9#



#57
2,4-Dinitrotoluene
Concen: 13.018 ng
RT: 9.933 min Scan# 1333
Delta R.T. -0.183 min
Lab File: BF139120.D
Acq: 22 Aug 2024 13:51

Tgt Ion:165 Resp: 25239
Ion Ratio Lower Upper
165 100
63 1.2 44.2 66.4#
89 1.2 67.4 101.2#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139120.D

Acq: 22 Aug 2024 13:51

Instrument :

BNA_F

ClientSampleId :

SP-1-COMP

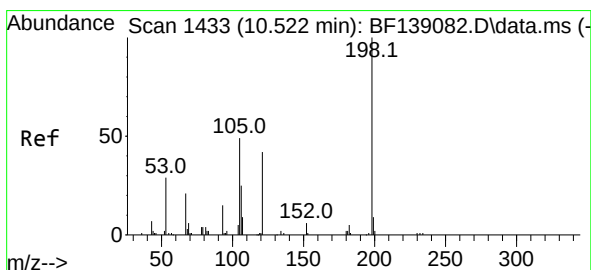
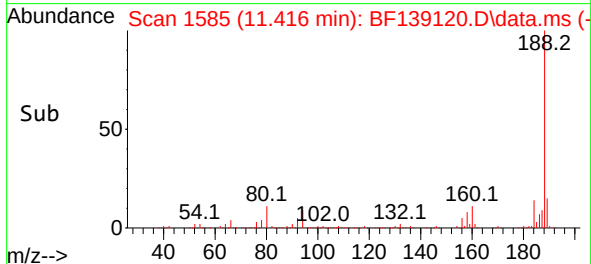
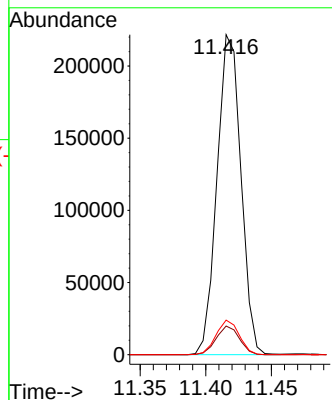
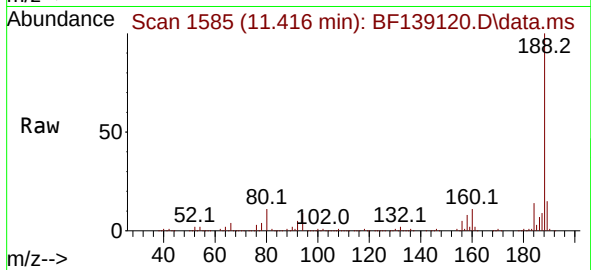
Tgt Ion:188 Resp: 280802

Ion Ratio Lower Upper

188 100

94 8.9 7.2 10.8

80 10.8 8.5 12.7



#65

4,6-Dinitro-2-methylphenol

Concen: 6.774 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.194 min

Lab File: BF139120.D

Acq: 22 Aug 2024 13:51

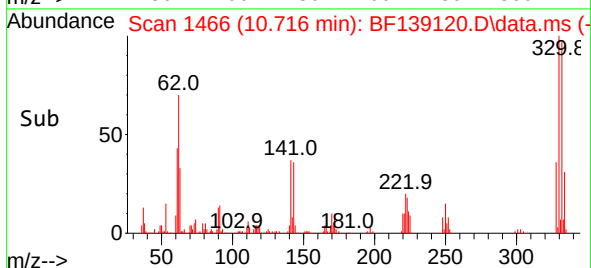
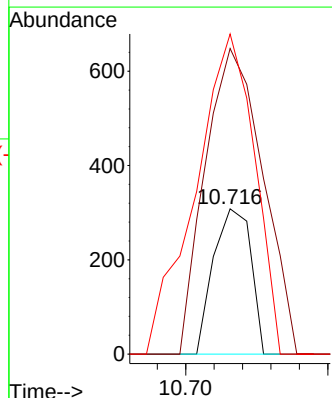
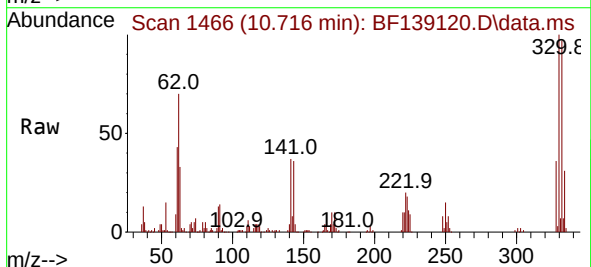
Tgt Ion:198 Resp: 281

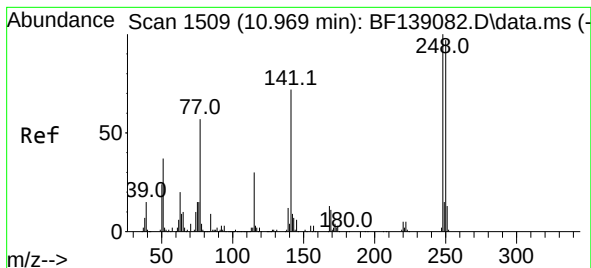
Ion Ratio Lower Upper

198 100

51 210.4 40.8 80.8#

105 220.5 30.9 70.9#

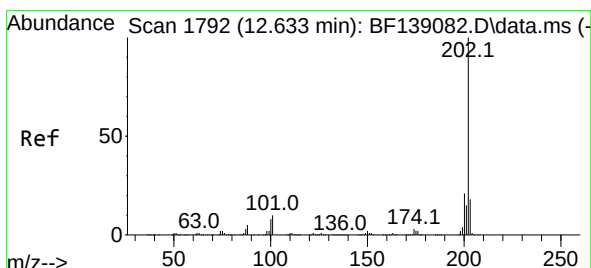
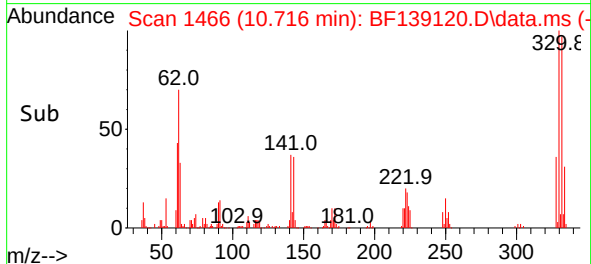
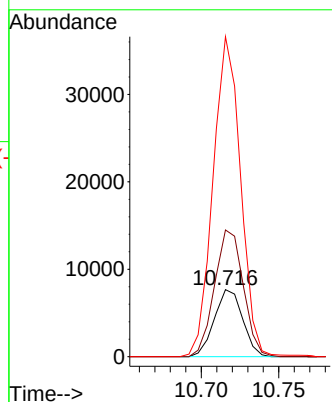
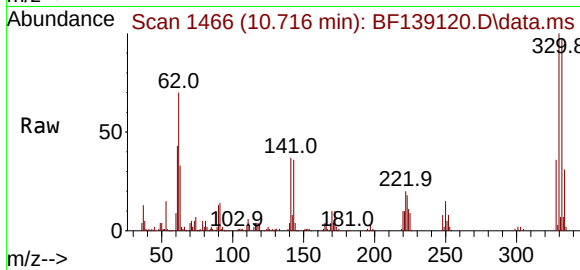




#67
4-Bromophenyl-phenylether
Concen: 3.273 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.253 min
Lab File: BF139120.D
Acq: 22 Aug 2024 13:51

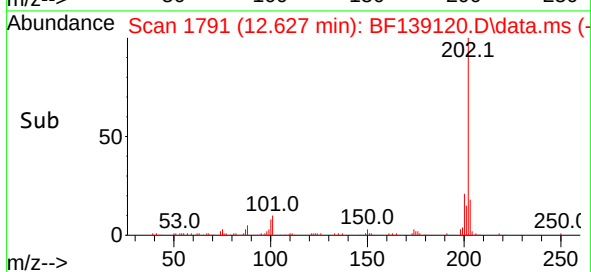
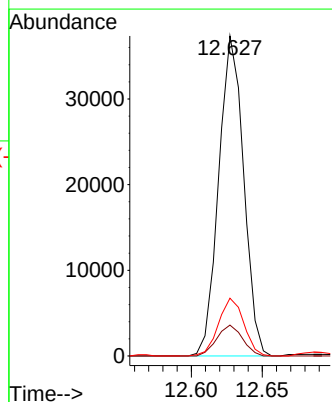
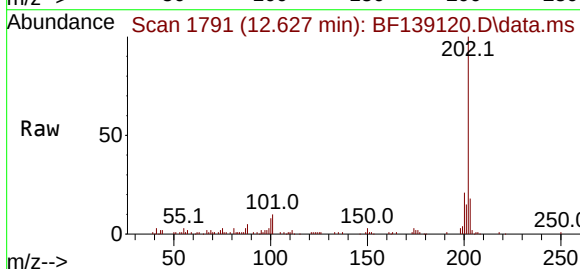
Instrument :
BNA_F
ClientSampleId :
SP-1-COMP

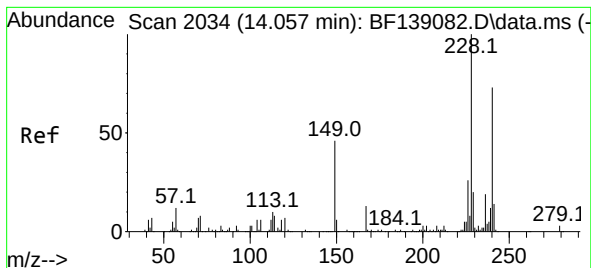
Tgt Ion:248 Resp: 9738
Ion Ratio Lower Upper
248 100
250 189.1 77.8 116.8#
141 477.5 57.9 86.9#



#75
Fluoranthene
Concen: 2.990 ng
RT: 12.627 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BF139120.D
Acq: 22 Aug 2024 13:51

Tgt Ion:202 Resp: 45543
Ion Ratio Lower Upper
202 100
101 9.6 0.0 30.2
203 18.1 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2034

Delta R.T. -0.000 min

Lab File: BF139120.D

Acq: 22 Aug 2024 13:51

Instrument :

BNA_F

ClientSampleId :

SP-1-COMP

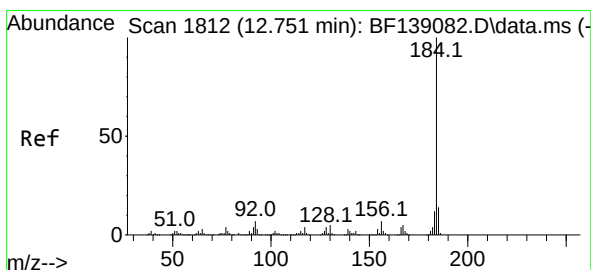
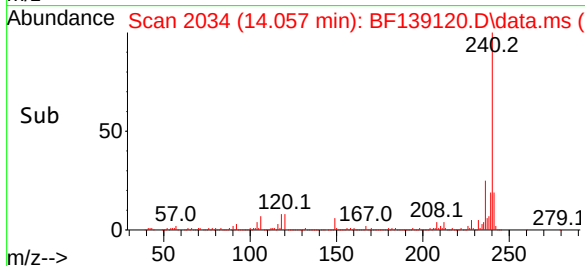
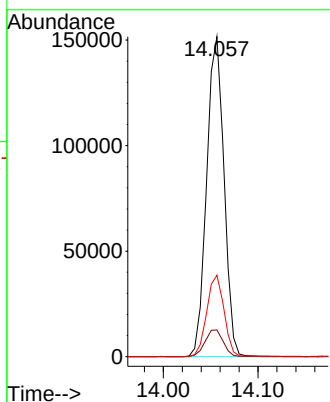
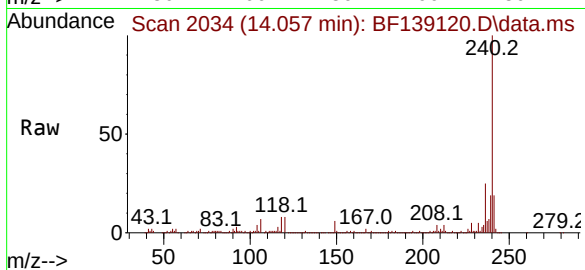
Tgt Ion:240 Resp: 192992

Ion Ratio Lower Upper

240 100

120 8.3 7.8 11.6

236 25.5 20.9 31.3



#77

Benzidine

Concen: 2.268 ng

RT: 13.004 min Scan# 1855

Delta R.T. 0.253 min

Lab File: BF139120.D

Acq: 22 Aug 2024 13:51

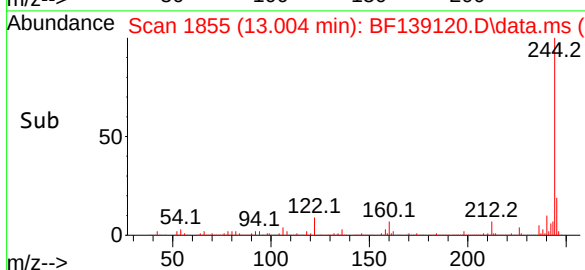
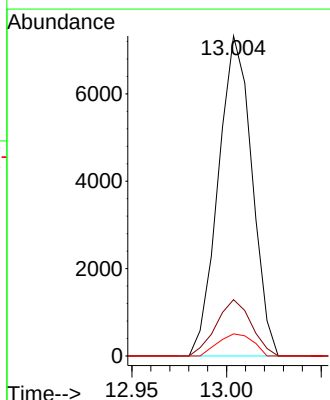
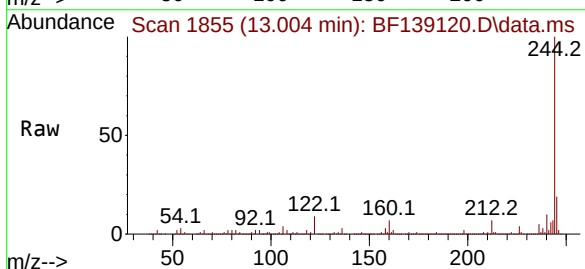
Tgt Ion:184 Resp: 9041

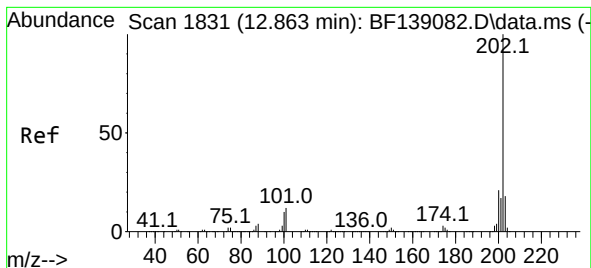
Ion Ratio Lower Upper

184 100

185 17.6 11.5 17.3#

183 6.9 9.8 14.6#





#78

Pyrene

Concen: 2.378 ng

RT: 12.857 min Scan# 1830

Delta R.T. -0.006 min

Lab File: BF139120.D

Acq: 22 Aug 2024 13:51

Instrument :

BNA_F

ClientSampleId :

SP-1-COMP

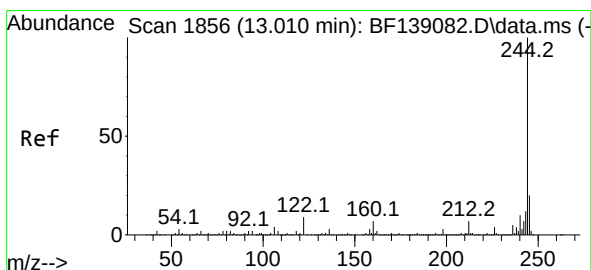
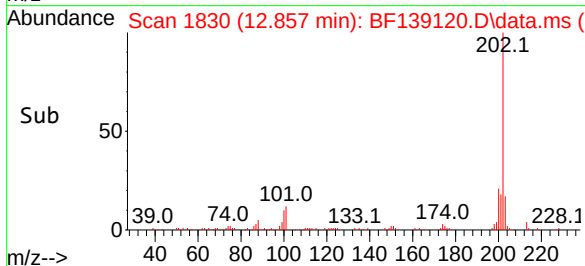
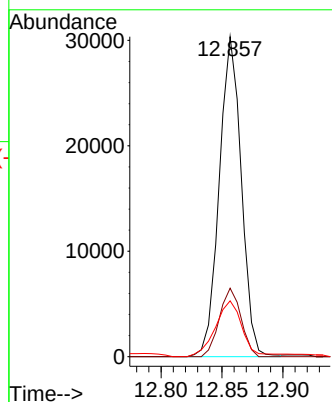
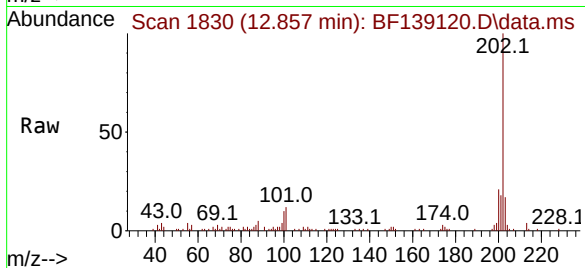
Tgt Ion:202 Resp: 38294

Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.6

203 17.4 14.1 21.1



#79

Terphenyl-d14

Concen: 54.334 ng

RT: 13.004 min Scan# 1855

Delta R.T. -0.006 min

Lab File: BF139120.D

Acq: 22 Aug 2024 13:51

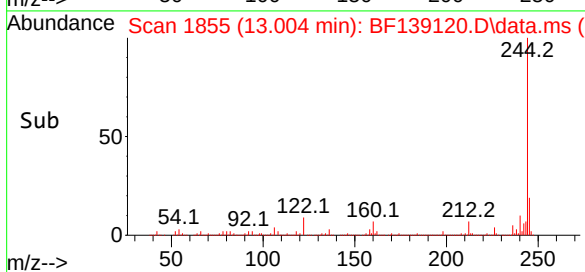
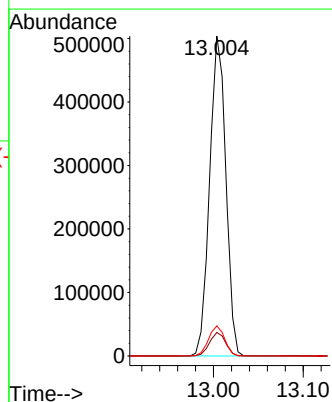
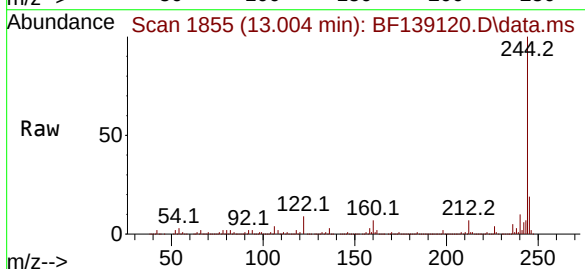
Tgt Ion:244 Resp: 631954

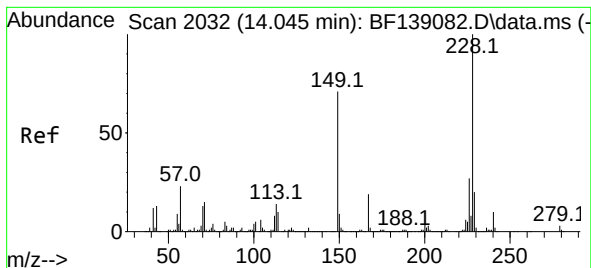
Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

122 9.4 7.6 11.4

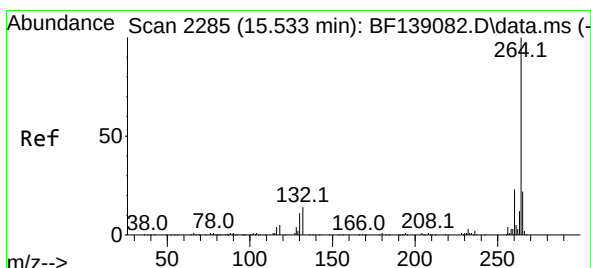
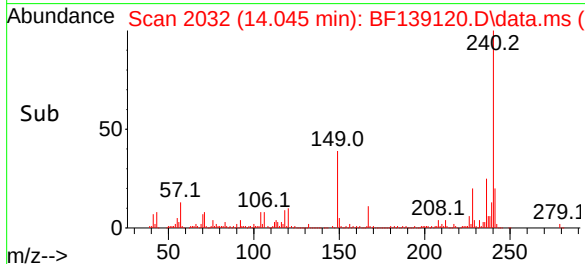
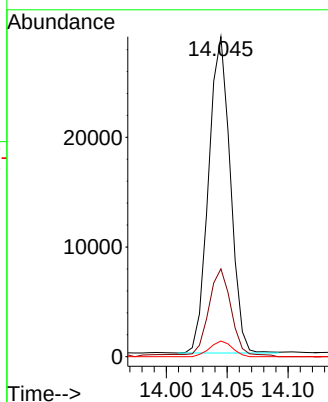
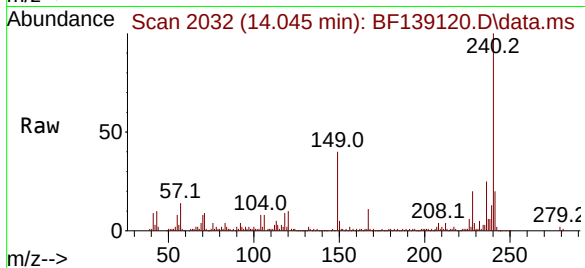




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.855 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF139120.D
Acq: 22 Aug 2024 13:51

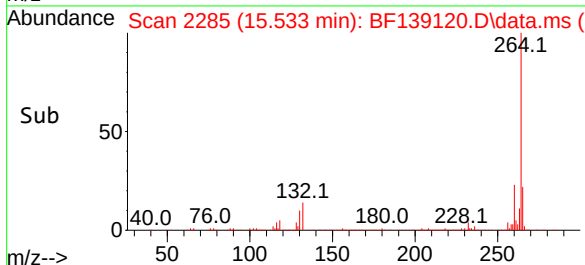
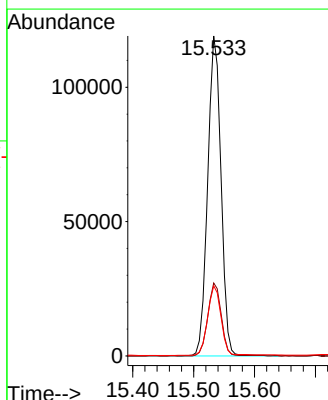
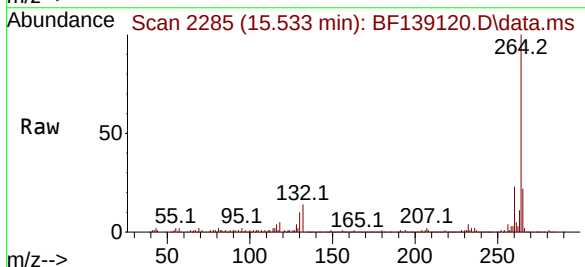
Instrument :
BNA_F
ClientSampleId :
SP-1-COMP

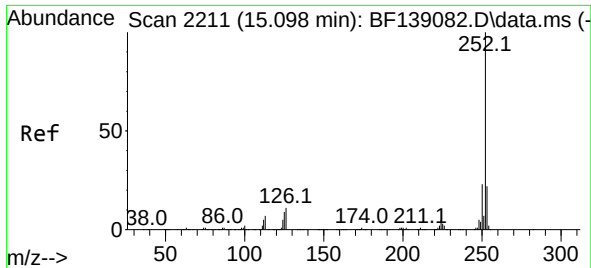
Tgt Ion:149 Resp: 35863
Ion Ratio Lower Upper
149 100
167 27.5 21.8 32.6
279 4.9 3.5 5.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2285
Delta R.T. -0.000 min
Lab File: BF139120.D
Acq: 22 Aug 2024 13:51

Tgt Ion:264 Resp: 181320
Ion Ratio Lower Upper
264 100
260 22.8 18.6 27.8
265 21.9 17.4 26.2

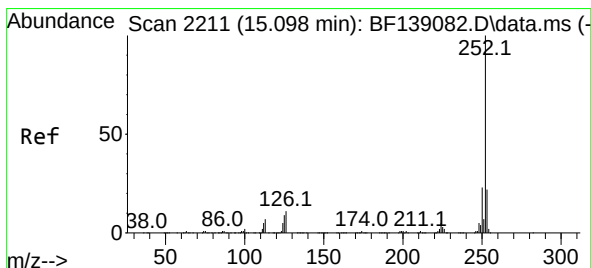
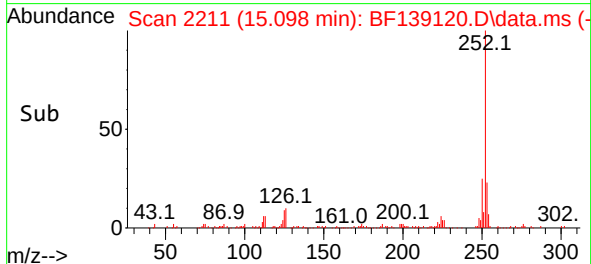
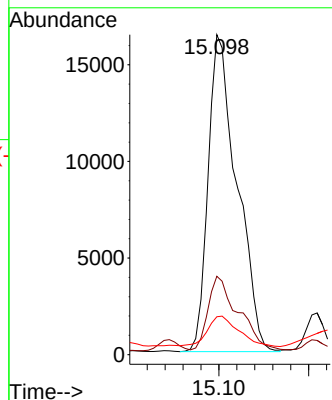
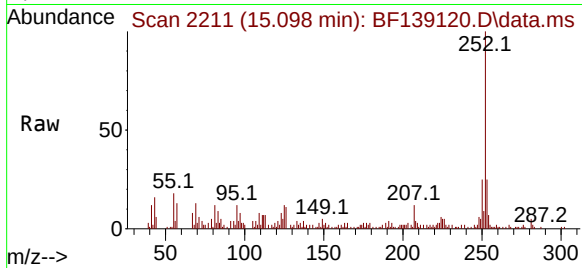




#88
Benzo(b)fluoranthene
Concen: 3.094 ng
RT: 15.098 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BF139120.D
Acq: 22 Aug 2024 13:51

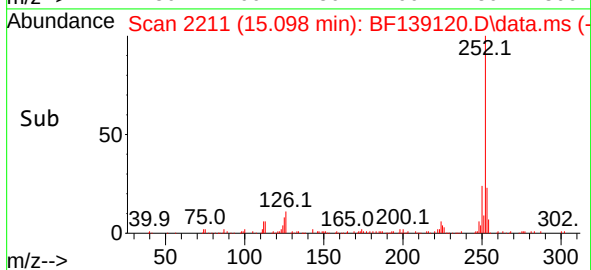
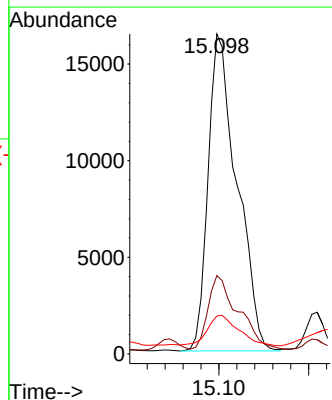
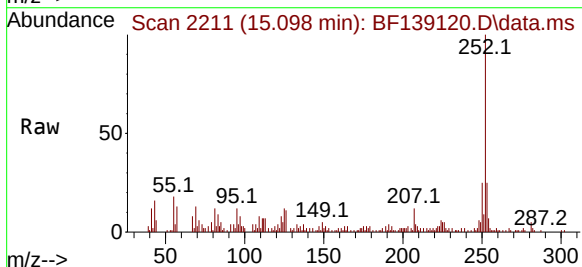
Instrument :
BNA_F
ClientSampleId :
SP-1-COMP

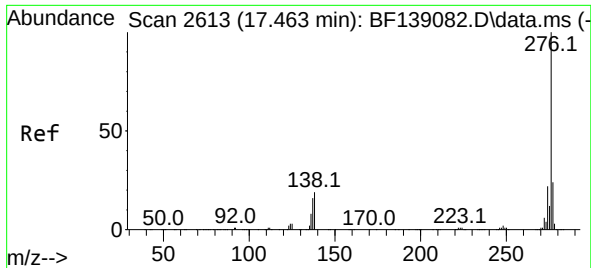
Tgt Ion:252 Resp: 36574
Ion Ratio Lower Upper
252 100
253 24.5 17.4 26.2
125 11.8 7.0 10.6#



#89
Benzo(k)fluoranthene
Concen: 3.715 ng
RT: 15.098 min Scan# 2211
Delta R.T. -0.036 min
Lab File: BF139120.D
Acq: 22 Aug 2024 13:51

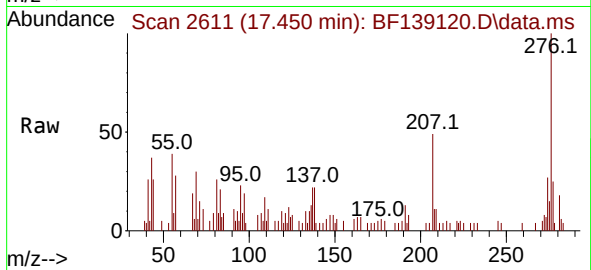
Tgt Ion:252 Resp: 36574
Ion Ratio Lower Upper
252 100
253 24.5 17.4 26.2
125 11.8 7.0 10.6#





#92
 Benzo(g,h,i)perylene
 Concen: 3.722 ng
 RT: 17.450 min Scan# 20
 Delta R.T. -0.013 min
 Lab File: BF139120.D
 Acq: 22 Aug 2024 13:51

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-COMP



Tgt Ion:276 Resp: 9799

Ion	Ratio	Lower	Upper
276	100		
277	25.2	18.8	28.2
138	21.9	15.0	22.4

