

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)

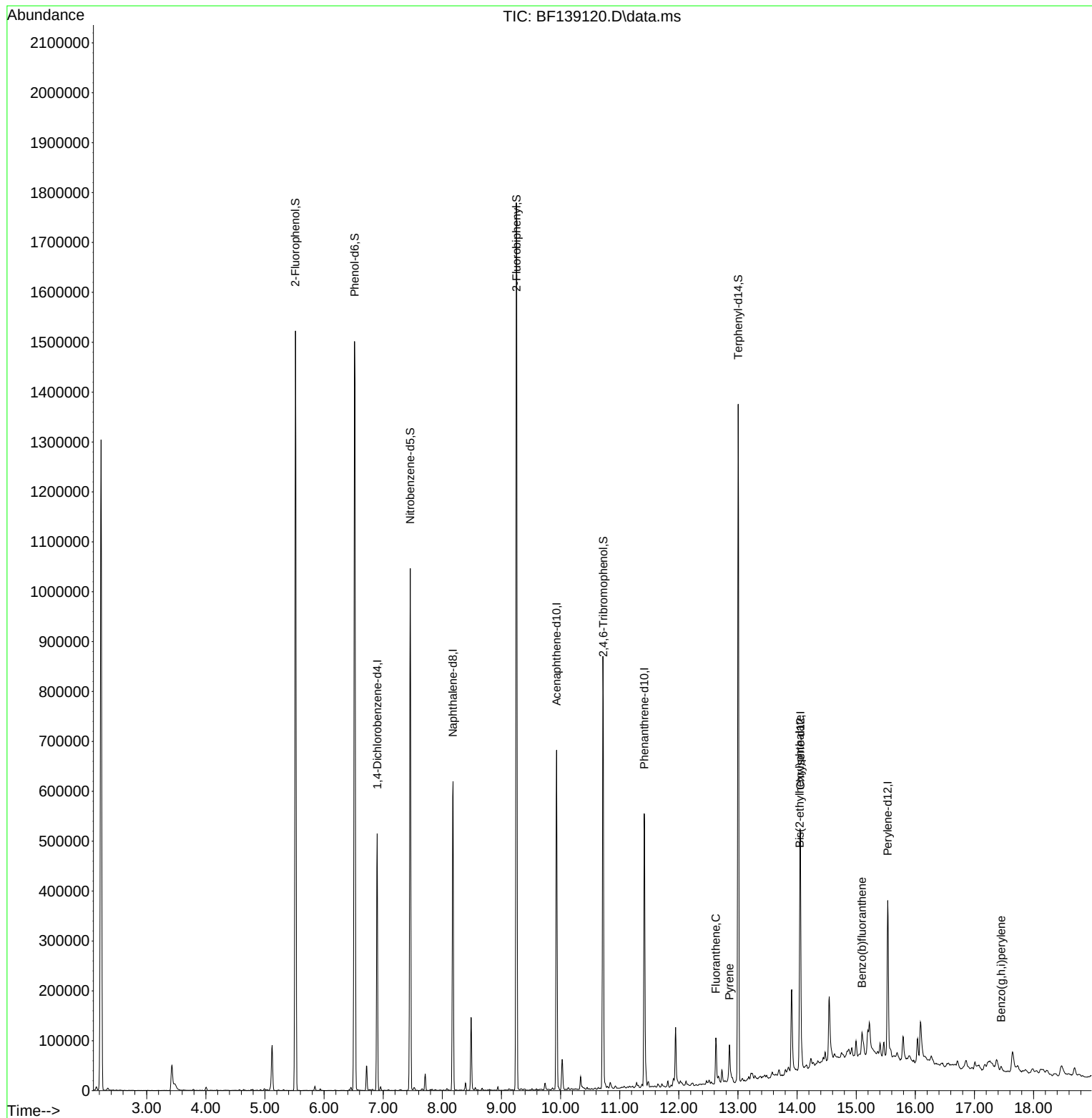
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	98107	20.000	ng	0.00
21) Naphthalene-d8	8.180	136	355120	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	192433	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	280802	20.000	ng	0.00
76) Chrysene-d12	14.057	240	192992	20.000	ng	0.00
86) Perylene-d12	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
75) Fluoranthene	12.627	202	45543	2.990	ng	99
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	27929m	2.363	ng	
92) Benzo(g,h,i)perylene	17.450	276	9799	3.722	ng	95

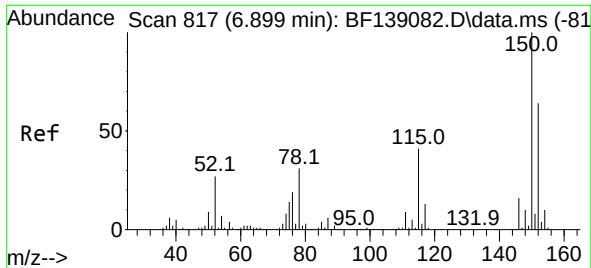
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082224\
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BNA_F
ClientSampleId :
SP-1-COMP

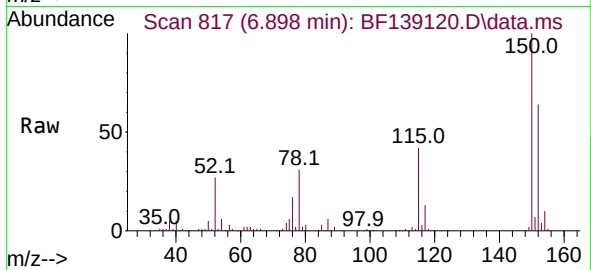
Quant Time: Aug 22 14:19:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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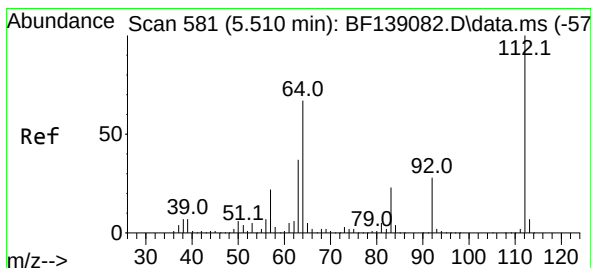
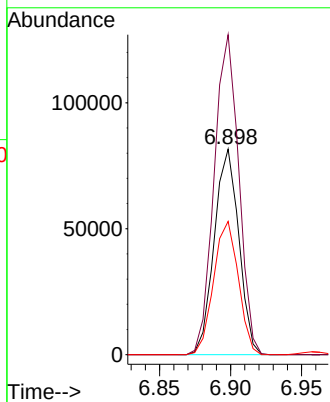
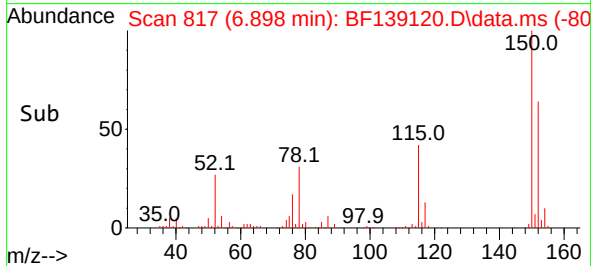


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 817
Delta R.T. -0.001 min
Lab File: BF139120.D
Acq: 22 Aug 2024 13:51

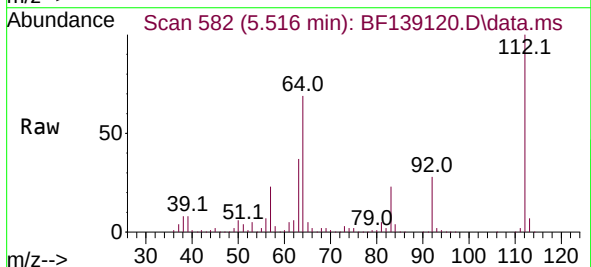
Instrument :
BNA_F
ClientSampleId :
SP-1-COMP



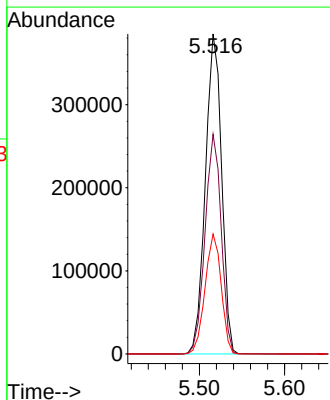
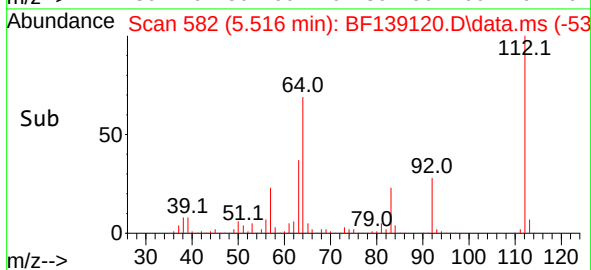
Tgt Ion:152 Resp: 98107
Ion Ratio Lower Upper
152 100
150 155.6 125.1 187.7
115 64.9 51.8 77.6

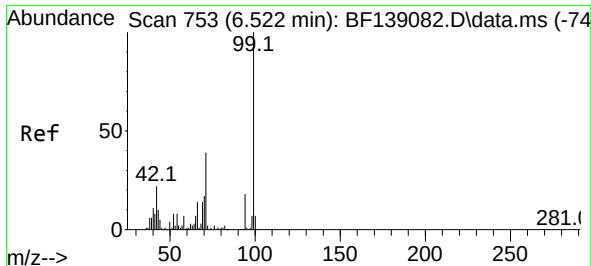


#5
2-Fluorophenol
Concen: 79.928 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF139120.D
Acq: 22 Aug 2024 13:51



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

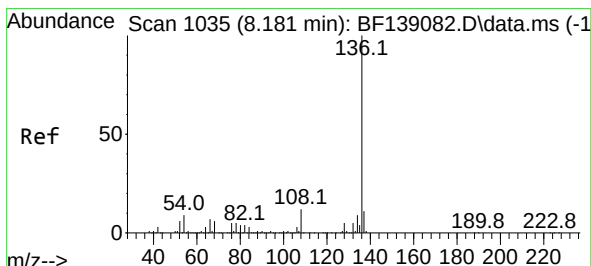
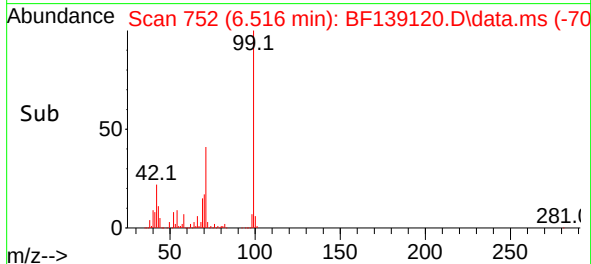
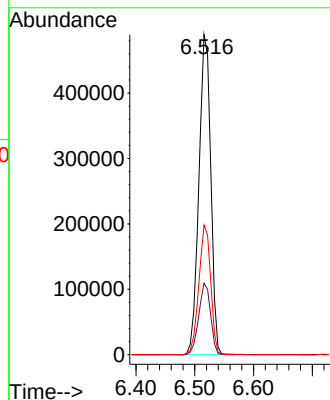
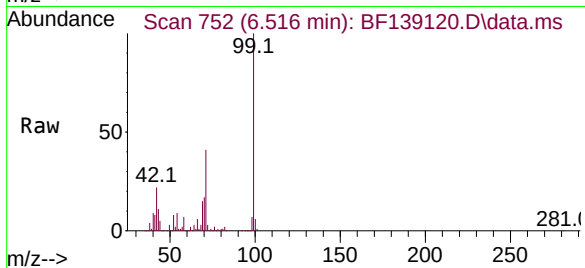




#7
Phenol-d6
Concen: 83.183 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139120.D
Acq: 22 Aug 2024 13:51

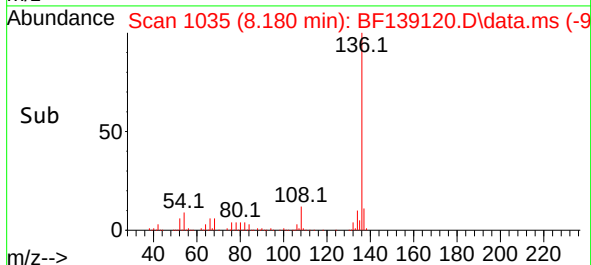
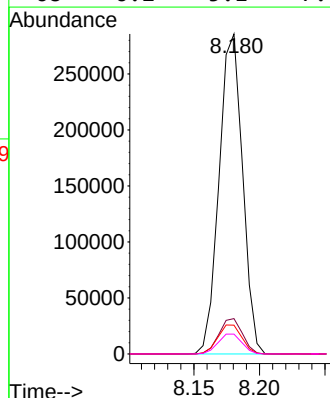
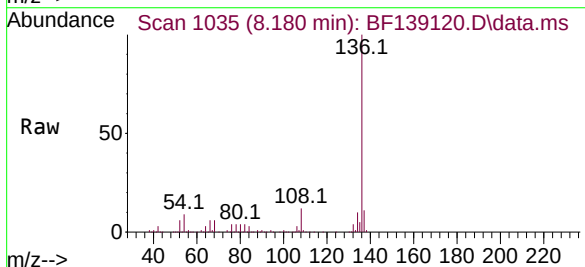
Instrument :
BNA_F
ClientSampleId :
SP-1-COMP

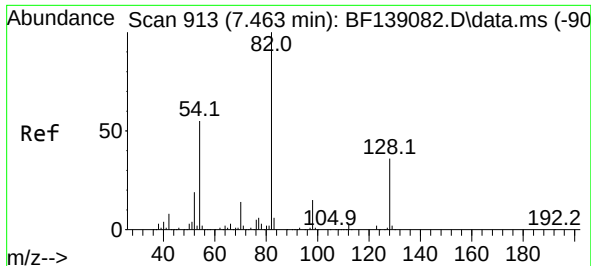
Tgt Ion: 99 Resp: 685389
Ion Ratio Lower Upper
99 100
42 22.3 17.4 26.2
71 40.5 31.2 46.8



#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

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# 913

Delta R.T. -0.006 min

Lab File: BF139120.D

Acq: 22 Aug 2024 13:51

Instrument :

BNA_F

ClientSampleId :

SP-1-COMP

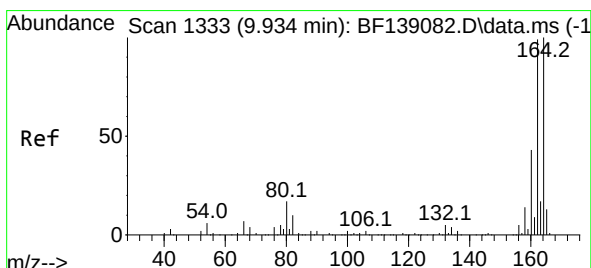
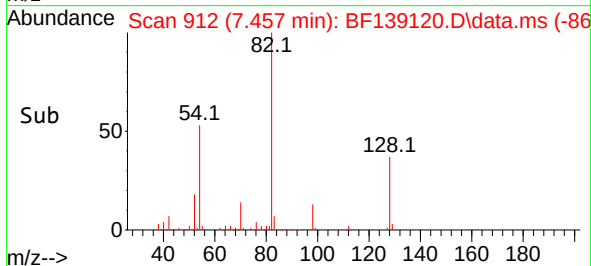
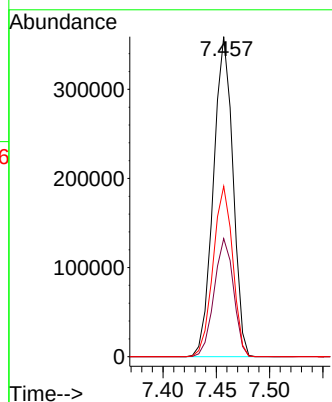
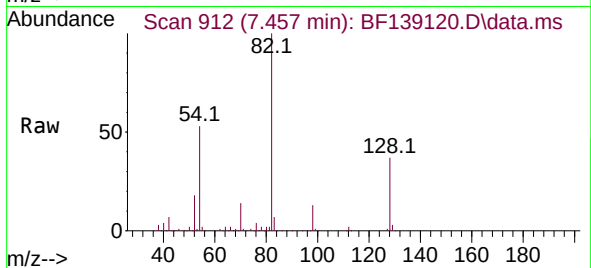
Tgt Ion: 82 Resp: 456642

Ion Ratio Lower Upper

82 100

128 36.9 29.0 43.4

54 53.2 43.4 65.2



#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

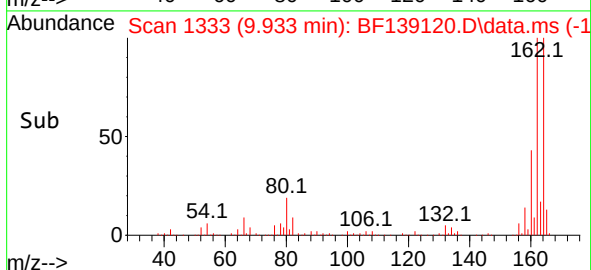
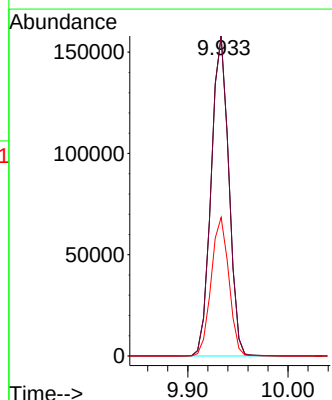
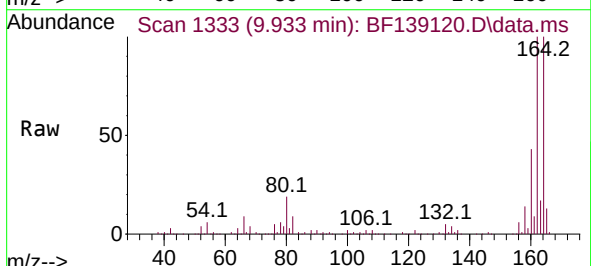
Tgt Ion: 164 Resp: 192433

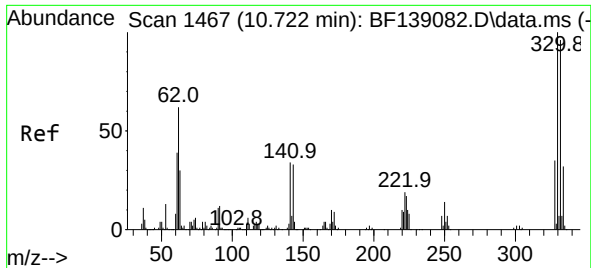
Ion Ratio Lower Upper

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 :

BNA_F

ClientSampleId :

SP-1-COMP

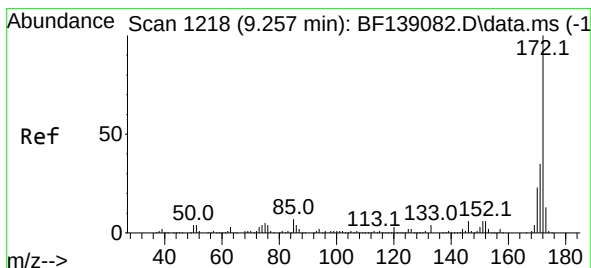
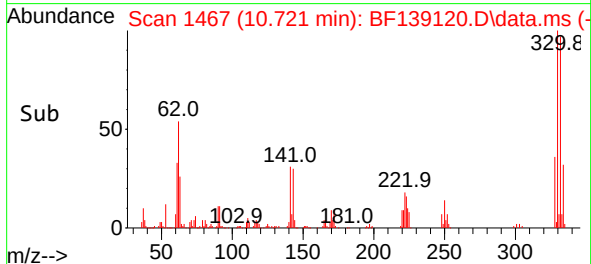
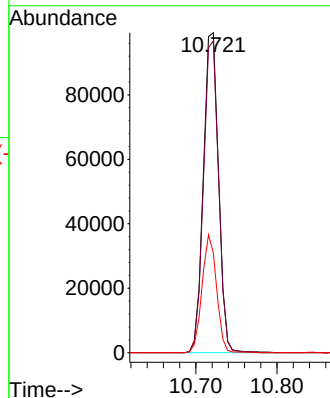
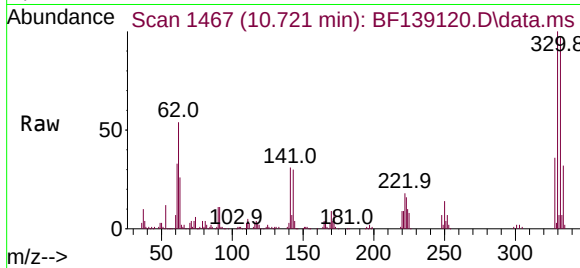
Tgt Ion:330 Resp: 129050

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

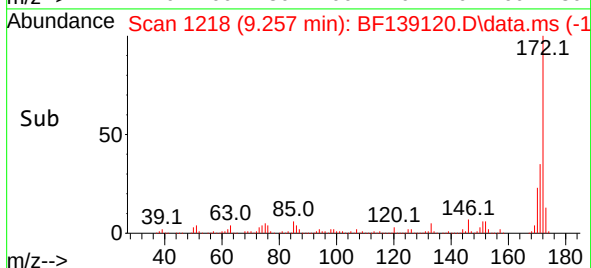
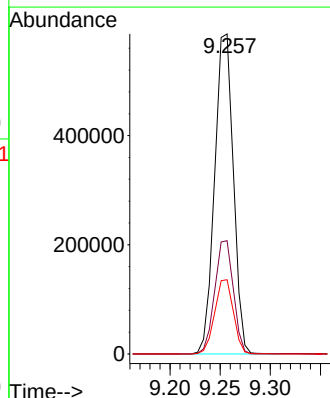
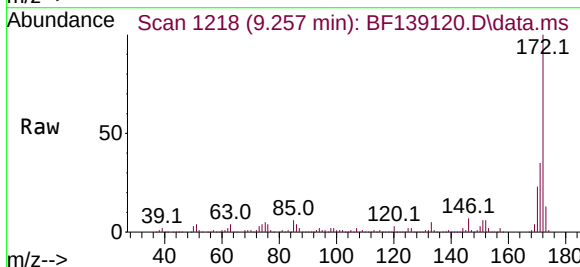
Tgt Ion:172 Resp: 761536

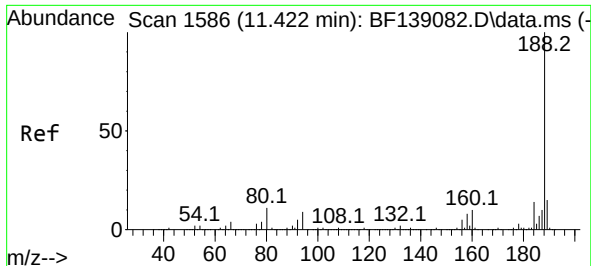
Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.2 18.8 28.2

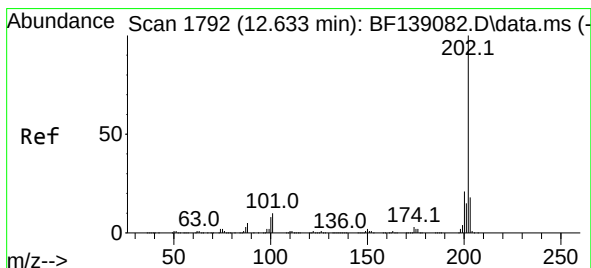
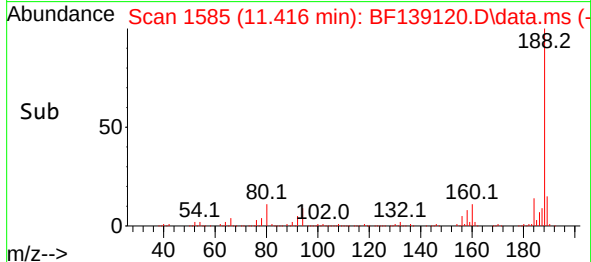
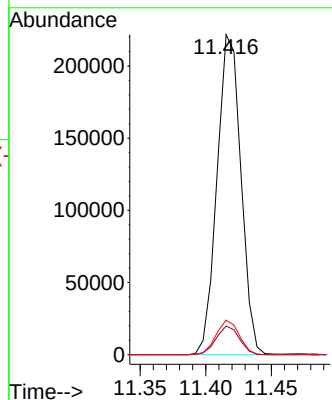
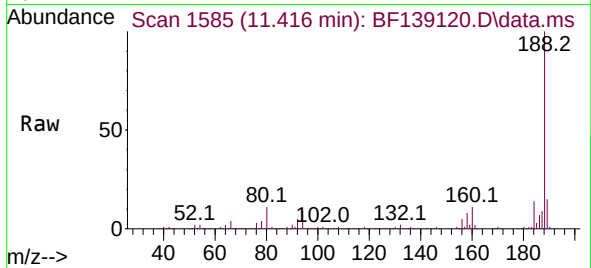




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139120.D
Acq: 22 Aug 2024 13:51

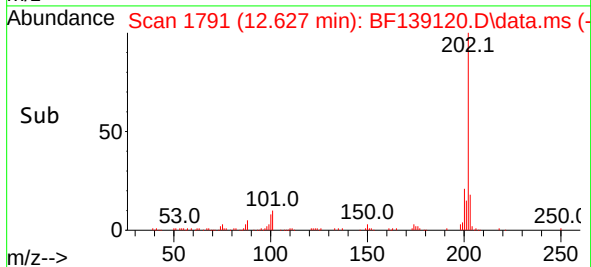
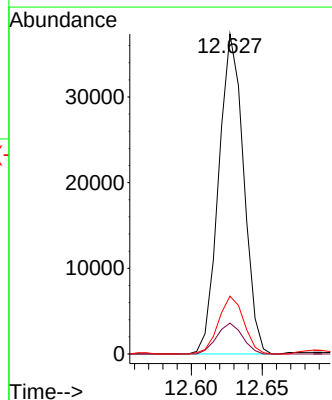
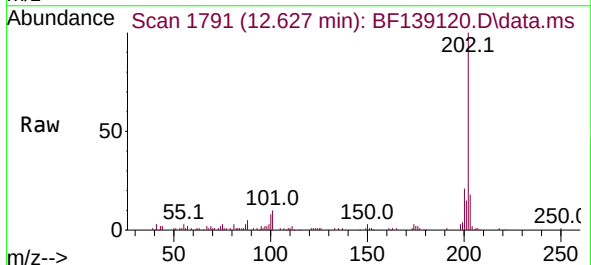
Instrument :
BNA_F
ClientSampleId :
SP-1-COMP

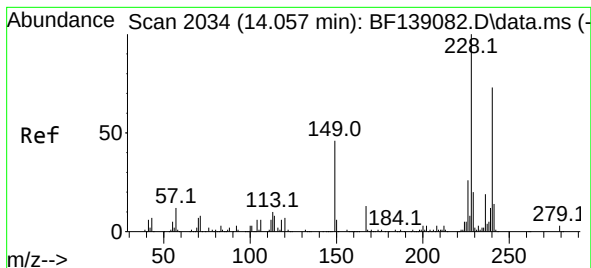
Tgt Ion:188 Resp: 280802
Ion Ratio Lower Upper
188 100
94 8.9 7.2 10.8
80 10.8 8.5 12.7



#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

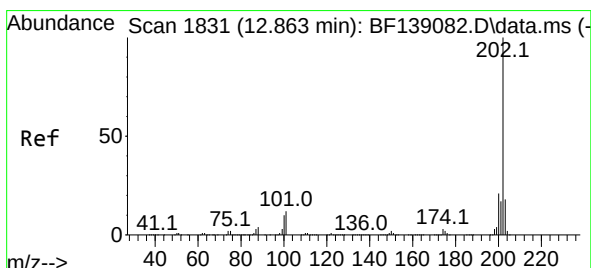
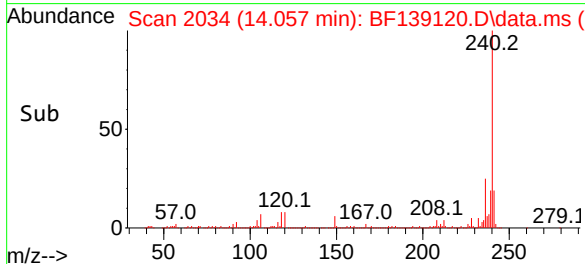
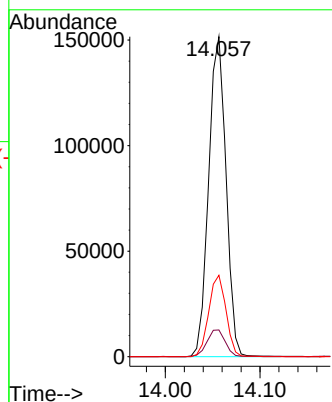
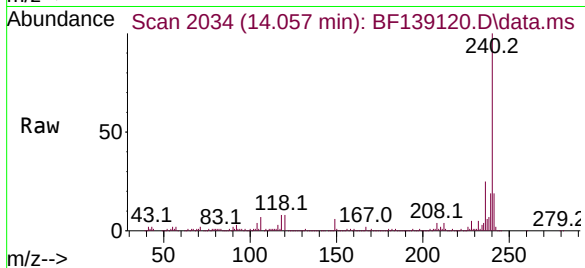
Tgt Ion:240 Resp: 192992

Ion Ratio Lower Upper

240 100

120 8.3 7.8 11.6

236 25.5 20.9 31.3



#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

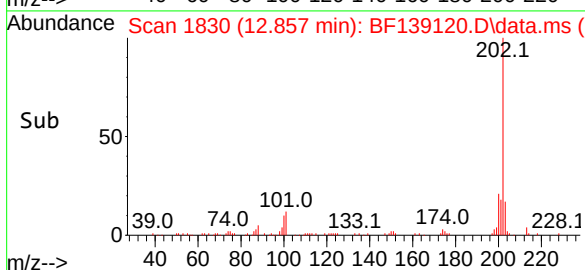
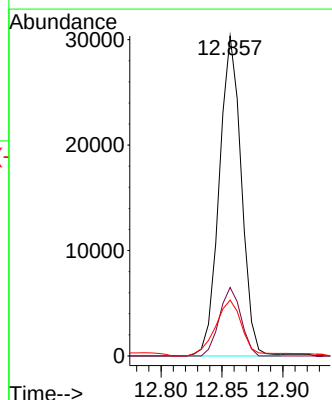
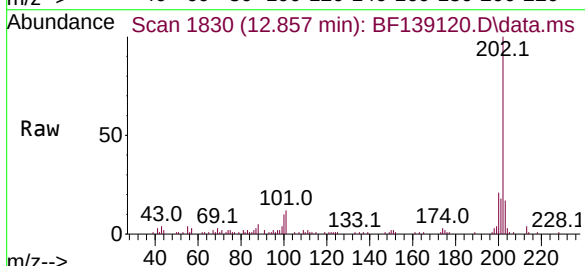
Tgt Ion:202 Resp: 38294

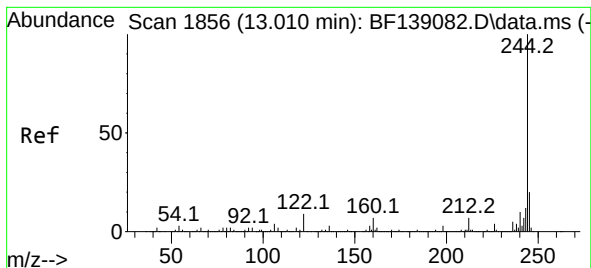
Ion Ratio Lower Upper

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

Instrument :

BNA_F

ClientSampleId :

SP-1-COMP

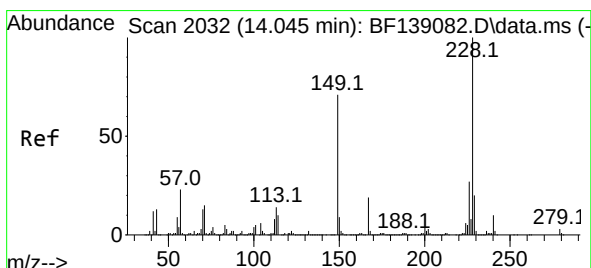
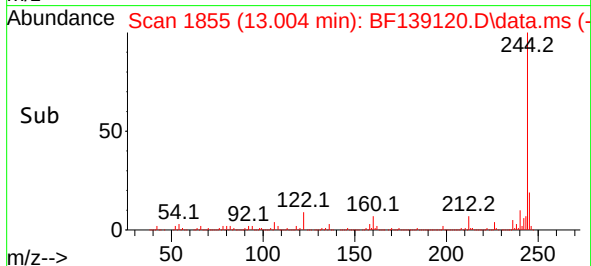
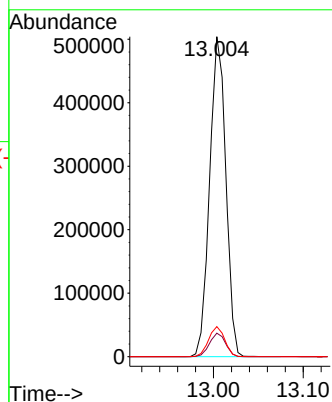
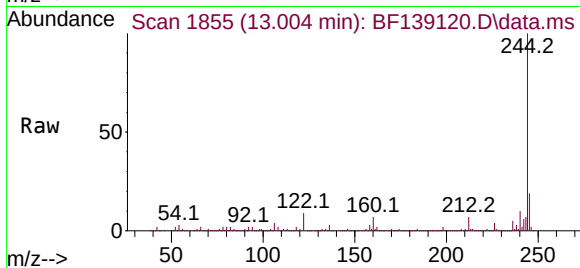
Tgt Ion:244 Resp: 631954

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

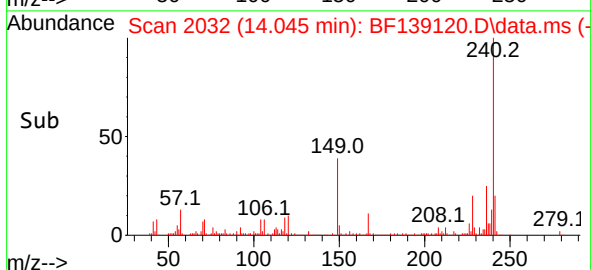
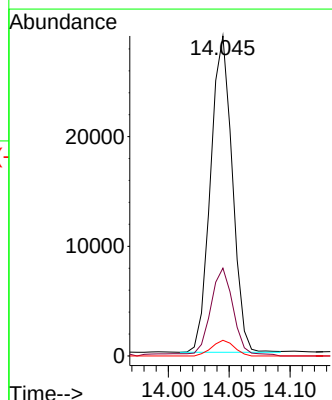
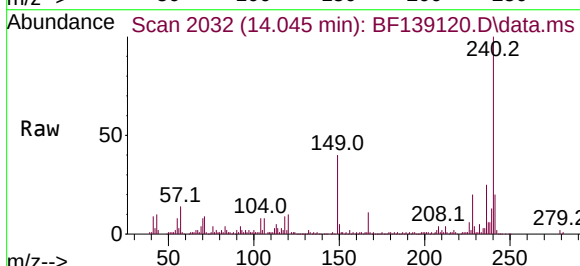
Tgt Ion:149 Resp: 35863

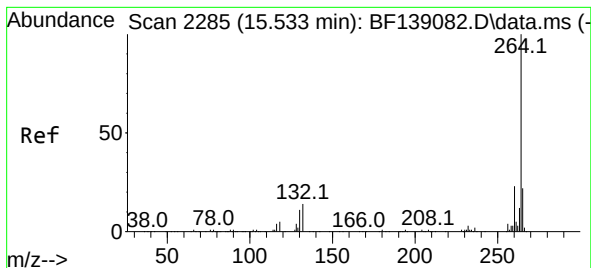
Ion Ratio Lower Upper

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# 21

Delta R.T. -0.000 min

Lab File: BF139120.D

Acq: 22 Aug 2024 13:51

Instrument :

BNA_F

ClientSampleId :

SP-1-COMP

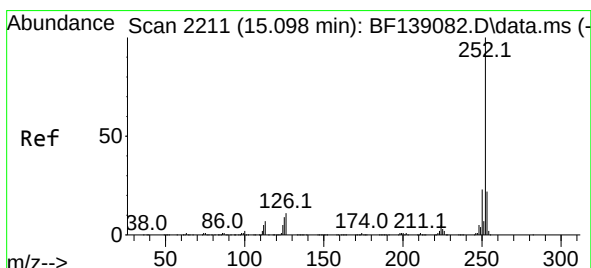
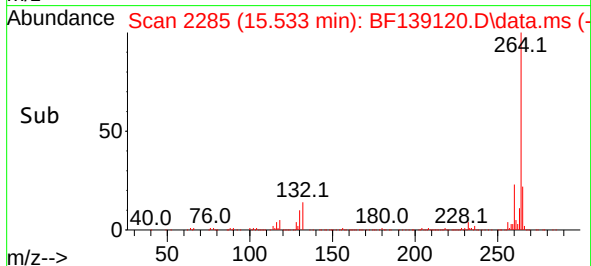
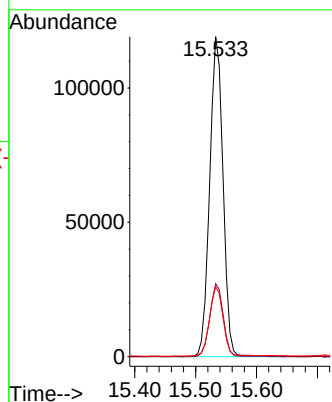
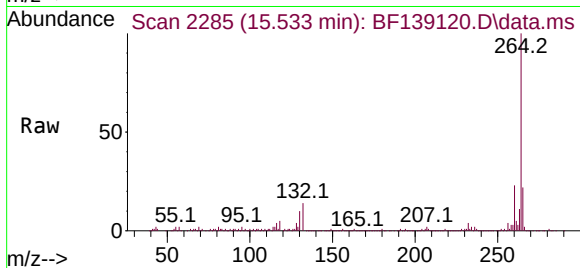
Tgt Ion:264 Resp: 181320

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: 2.363 ng m

RT: 15.098 min Scan# 2211

Delta R.T. -0.000 min

Lab File: BF139120.D

Acq: 22 Aug 2024 13:51

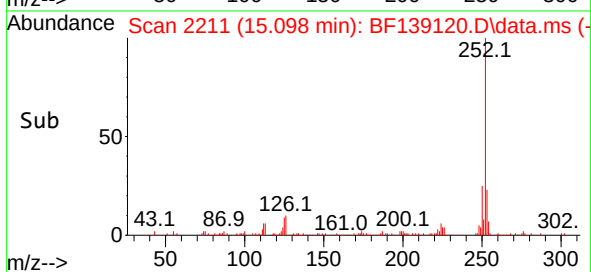
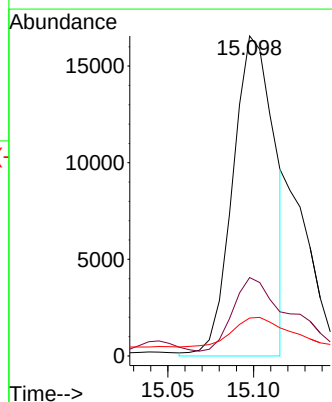
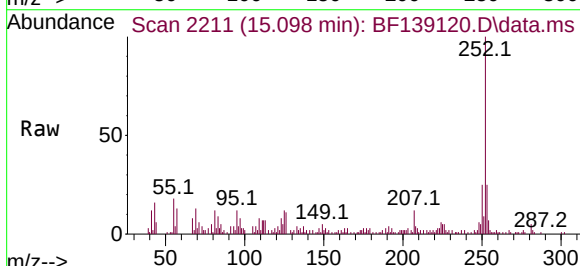
Tgt Ion:252 Resp: 27929

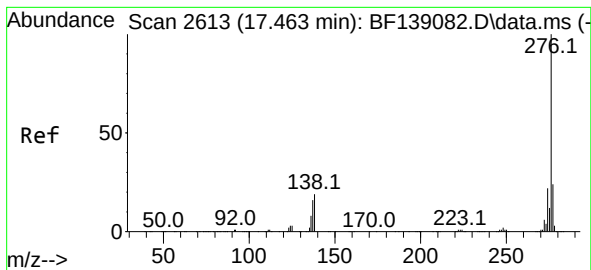
Ion Ratio Lower Upper

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

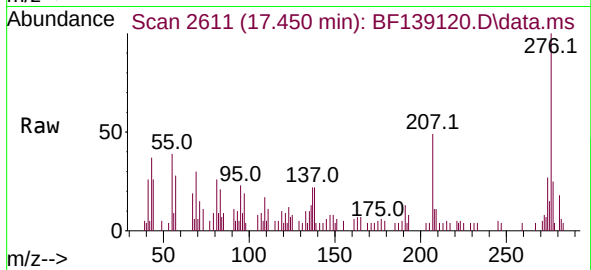
Acq: 22 Aug 2024 13:51

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

