

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052224\
 Data File : BF138016.D
 Acq On : 22 May 2024 20:56
 Operator : CG\JU
 Sample : P2555-01 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-052124

Quant Time: May 23 01:15:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

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

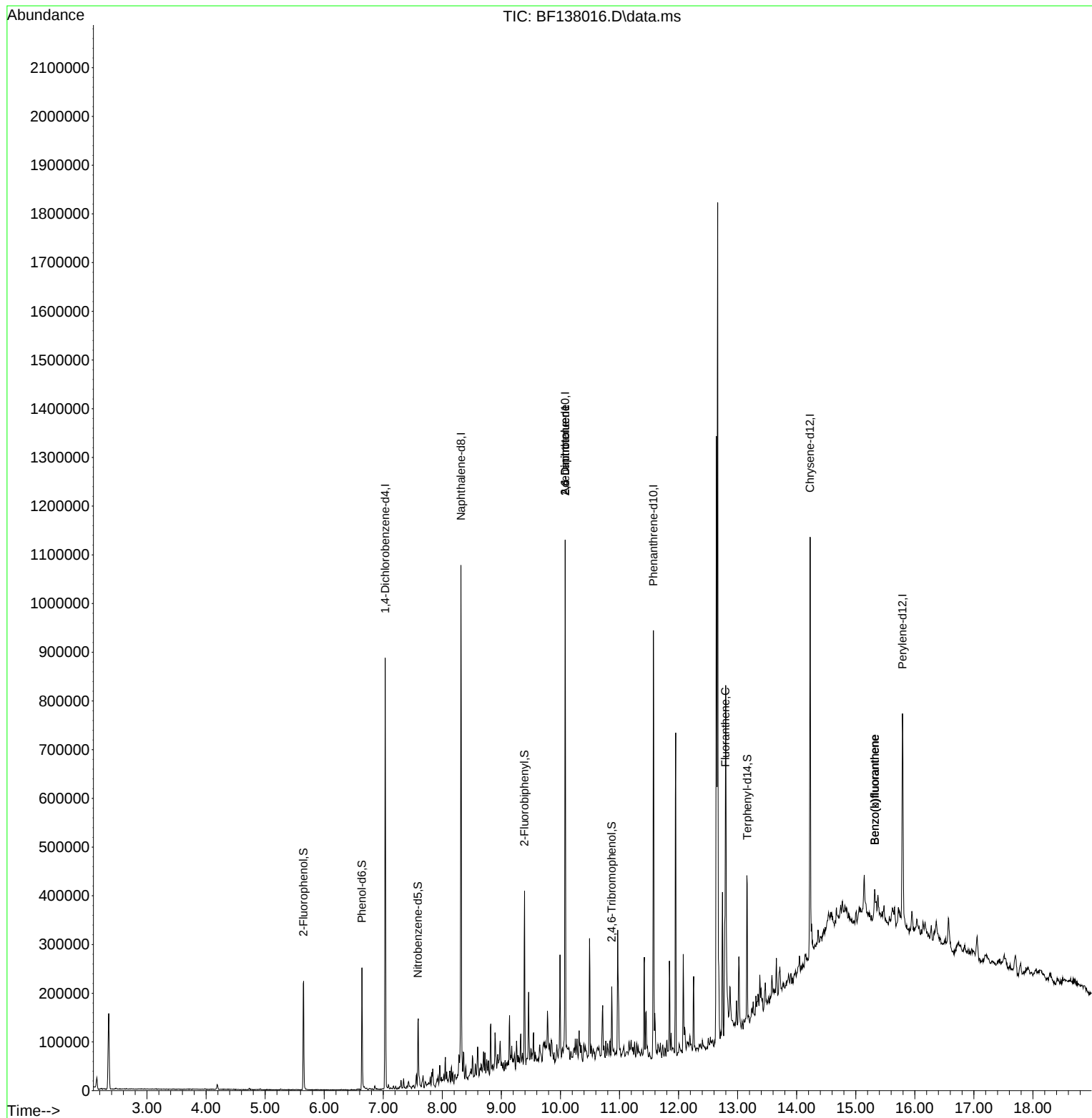
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.033	152	123759	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	432894	20.000	ng	-0.01
39) Acenaphthene-d10	10.080	164	204127	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	315962	20.000	ng	0.00
76) Chrysene-d12	14.227	240	264651	20.000	ng	0.00
86) Perylene-d12	15.792	264	201889	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.651	112	67274	9.234	ng	-0.01
7) Phenol-d6	6.639	99	81840	9.119	ng	-0.02
23) Nitrobenzene-d5	7.586	82	45741	6.218	ng	-0.02
42) 2,4,6-Tribromophenol	10.869	330	17614	8.558	ng	-0.01
45) 2-Fluorobiphenyl	9.392	172	101908	7.690	ng	0.00
79) Terphenyl-d14	13.162	244	107138	5.966	ng	0.00
Target Compounds						Qvalue
51) 2,6-Dinitrotoluene	10.080	165	26889	9.153	ng	# 30
57) 2,4-Dinitrotoluene	10.080	165	26889	7.080	ng	# 34
75) Fluoranthene	12.792	202	39016	2.469	ng	92
88) Benzo(b)fluoranthene	15.321	252	25136	2.150	ng	# 66
89) Benzo(k)fluoranthene	15.321	252	25136	2.189	ng	# 65

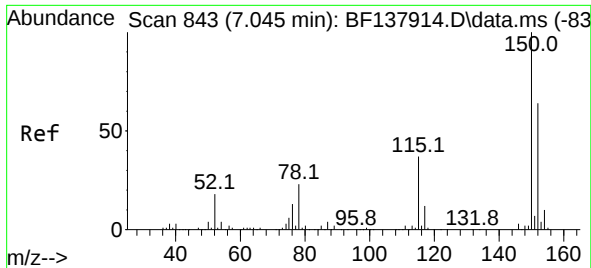
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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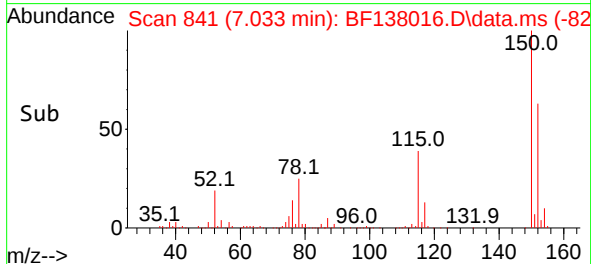
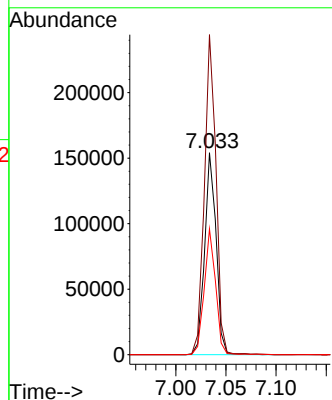
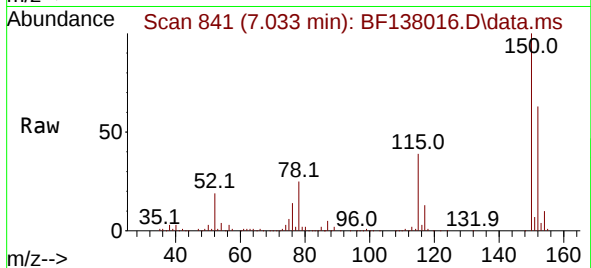




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.033 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF138016.D
Acq: 22 May 2024 20:56

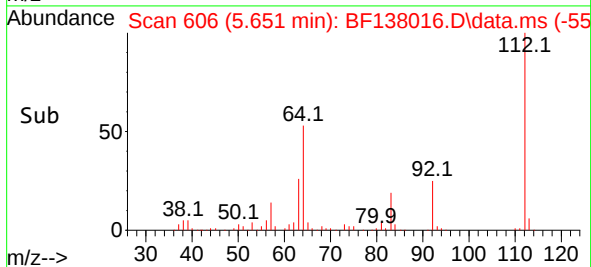
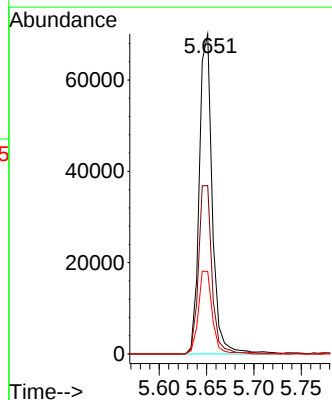
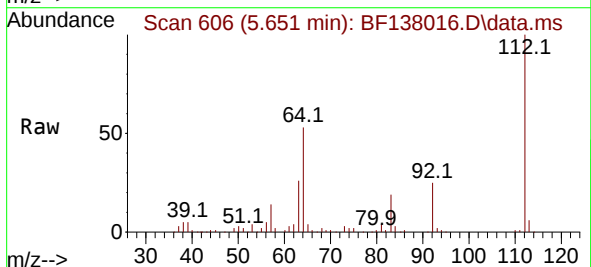
Instrument :
BNA_F
ClientSampleId :
EO-01-052124

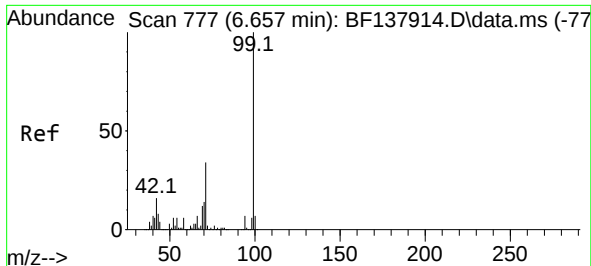
Tgt Ion:152 Resp: 123759
Ion Ratio Lower Upper
152 100
150 158.5 125.7 188.5
115 62.3 47.0 70.6



#5
2-Fluorophenol
Concen: 9.234 ng
RT: 5.651 min Scan# 606
Delta R.T. -0.012 min
Lab File: BF138016.D
Acq: 22 May 2024 20:56

Tgt Ion:112 Resp: 67274
Ion Ratio Lower Upper
112 100
64 52.6 42.4 63.6
63 25.8 21.4 32.2





#7

Phenol-d6

Concen: 9.119 ng

RT: 6.639 min Scan# 71

Delta R.T. -0.018 min

Lab File: BF138016.D

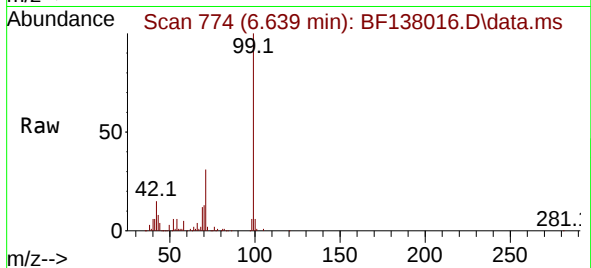
Acq: 22 May 2024 20:56

Instrument :

BNA_F

ClientSampleId :

EO-01-052124



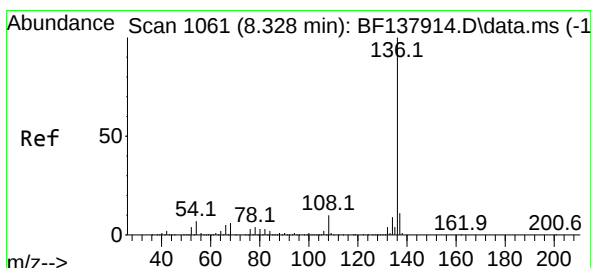
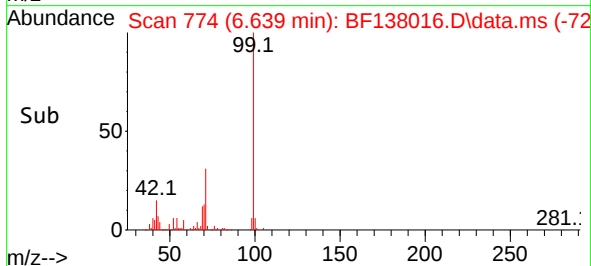
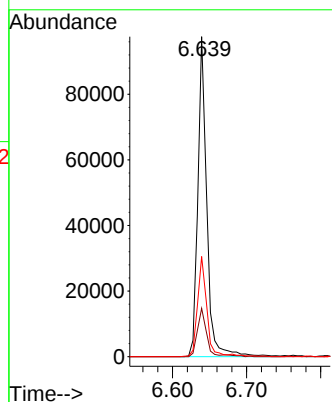
Tgt Ion: 99 Resp: 81840

Ion Ratio Lower Upper

99 100

42 15.1 12.6 18.8

71 31.3 27.1 40.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.316 min Scan# 1059

Delta R.T. -0.012 min

Lab File: BF138016.D

Acq: 22 May 2024 20:56

Tgt Ion: 136 Resp: 432894

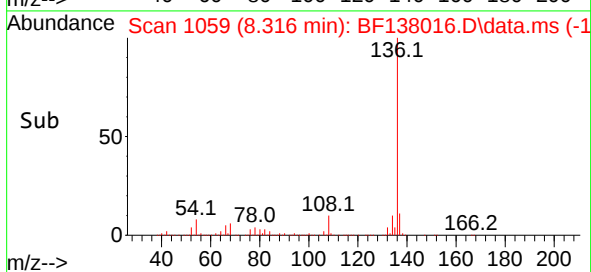
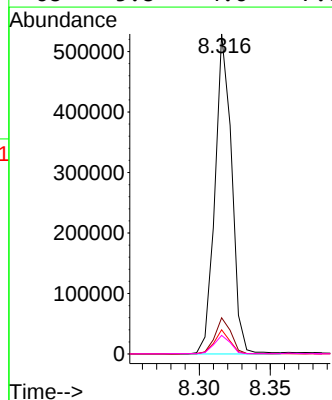
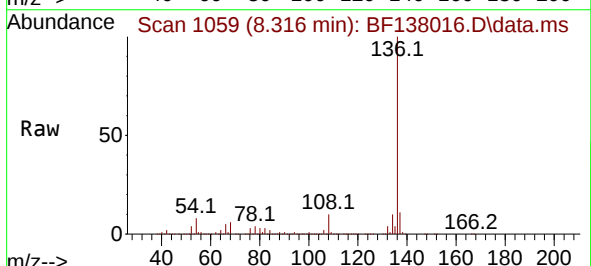
Ion Ratio Lower Upper

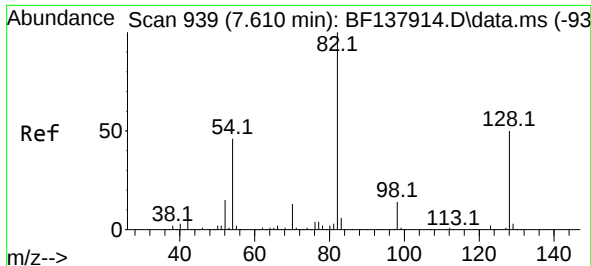
136 100

137 11.3 8.7 13.1

54 7.6 5.4 8.2

68 5.8 4.6 7.0





#23

Nitrobenzene-d5

Concen: 6.218 ng

RT: 7.586 min Scan# 91

Delta R.T. -0.024 min

Lab File: BF138016.D

Acq: 22 May 2024 20:56

Instrument :

BNA_F

ClientSampleId :

EO-01-052124

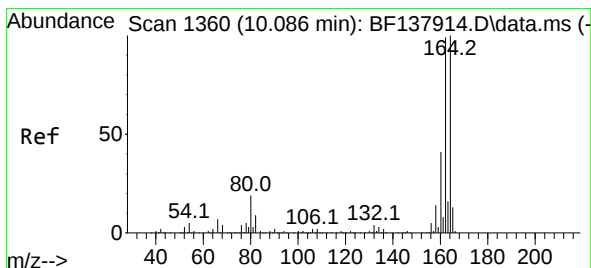
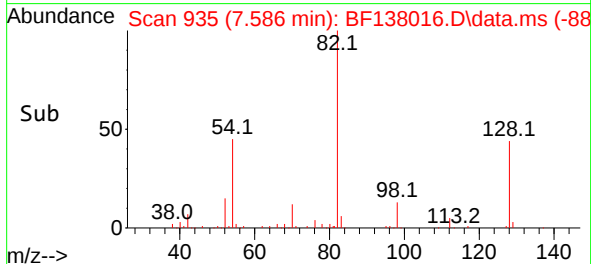
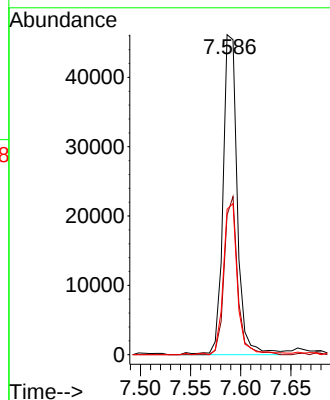
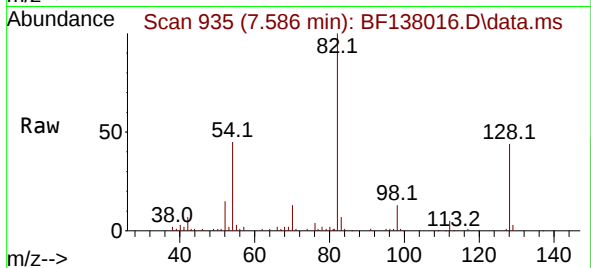
Tgt Ion: 82 Resp: 45741

Ion Ratio Lower Upper

82 100

128 43.6 40.3 60.5

54 45.5 36.8 55.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.080 min Scan# 1359

Delta R.T. -0.006 min

Lab File: BF138016.D

Acq: 22 May 2024 20:56

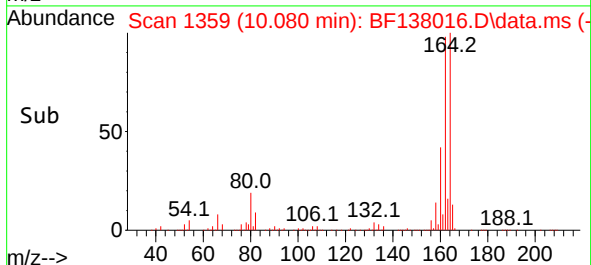
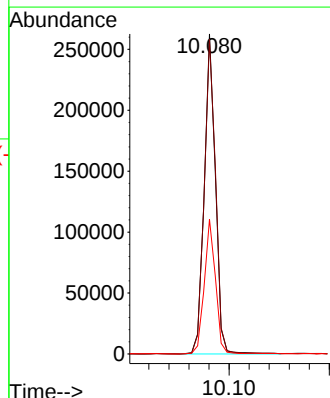
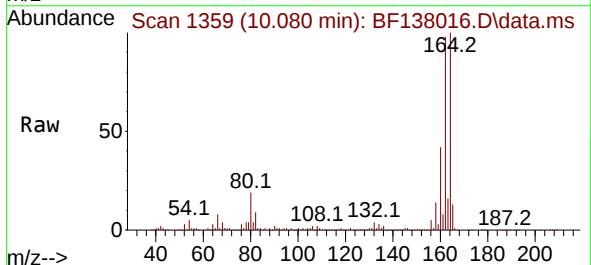
Tgt Ion:164 Resp: 204127

Ion Ratio Lower Upper

164 100

162 98.4 79.4 119.2

160 42.1 33.1 49.7





#42

2,4,6-Tribromophenol

Concen: 8.558 ng

RT: 10.869 min Scan# 1493

Delta R.T. -0.012 min

Lab File: BF138016.D

Acq: 22 May 2024 20:56

Instrument :

BNA_F

ClientSampleId :

EO-01-052124

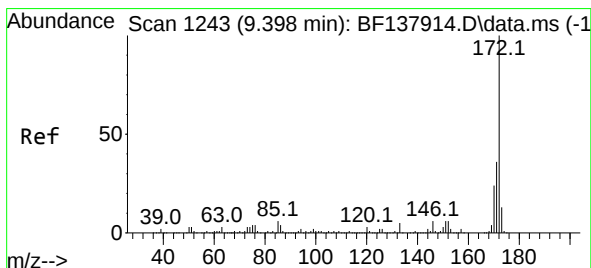
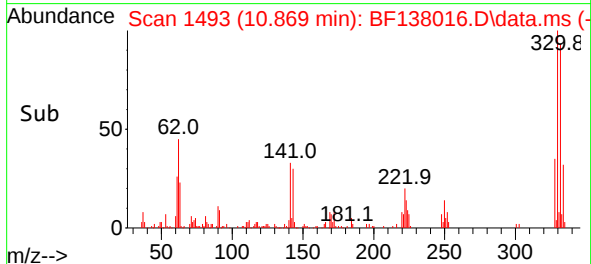
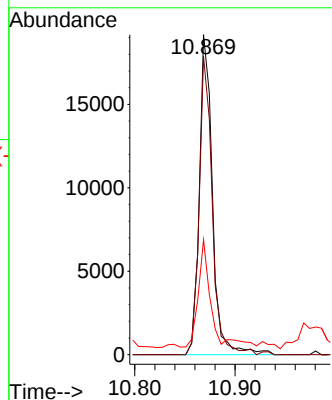
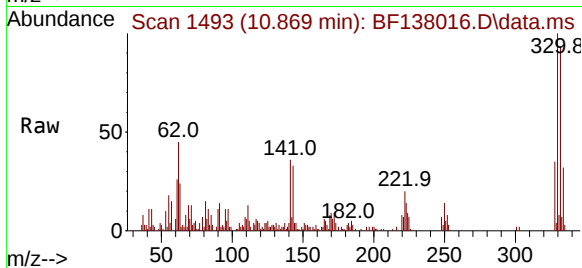
Tgt Ion:330 Resp: 17614

Ion Ratio Lower Upper

330 100

332 93.0 75.8 113.8

141 29.9 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 7.690 ng

RT: 9.392 min Scan# 1242

Delta R.T. -0.006 min

Lab File: BF138016.D

Acq: 22 May 2024 20:56

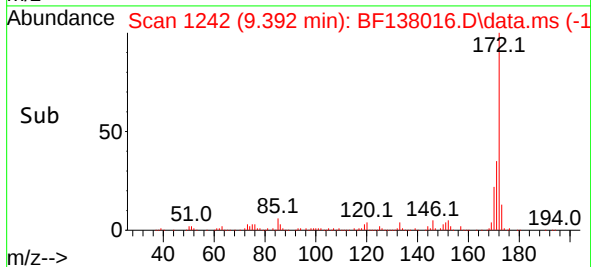
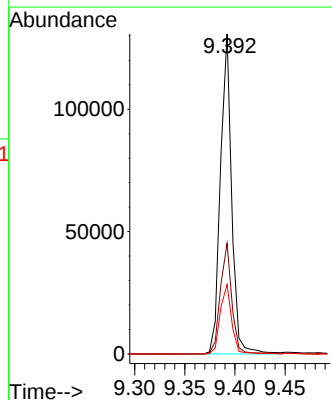
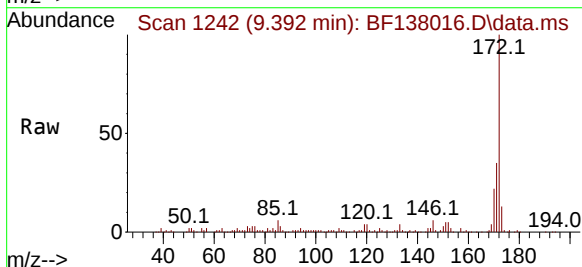
Tgt Ion:172 Resp: 101908

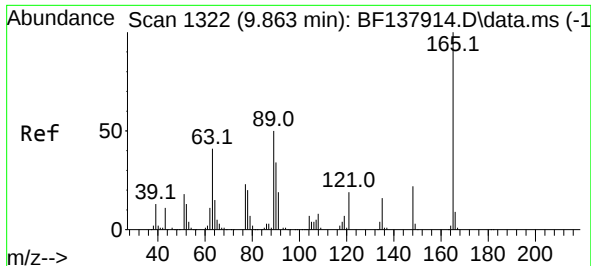
Ion Ratio Lower Upper

172 100

171 34.5 28.9 43.3

170 21.7 18.9 28.3

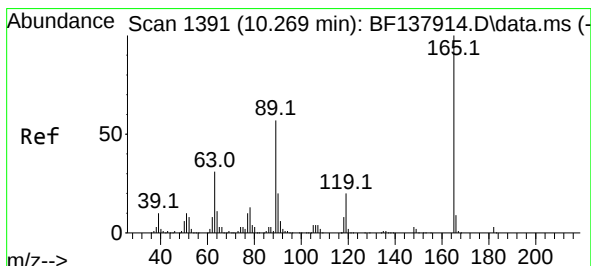
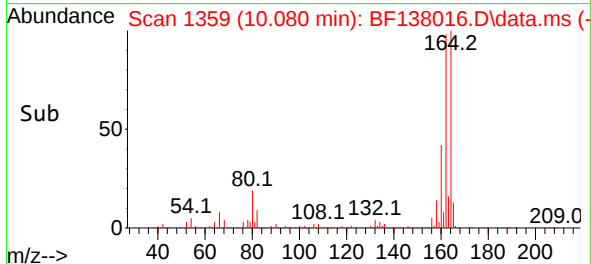
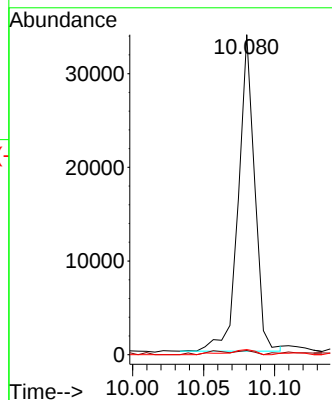
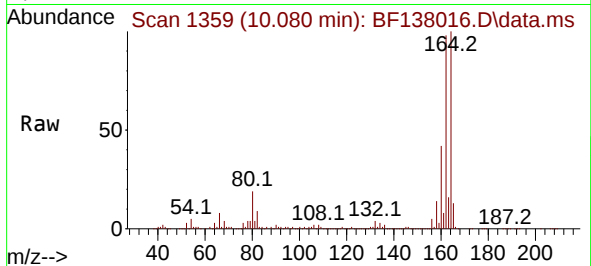




#51
2,6-Dinitrotoluene
Concen: 9.153 ng
RT: 10.080 min Scan# 1359
Delta R.T. 0.218 min
Lab File: BF138016.D
Acq: 22 May 2024 20:56

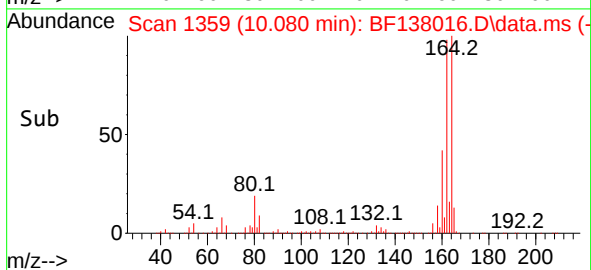
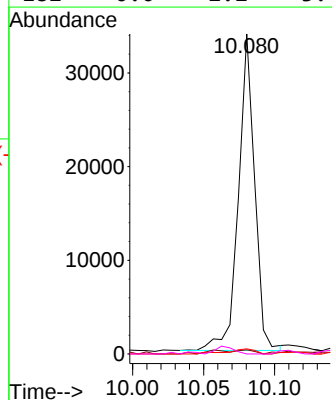
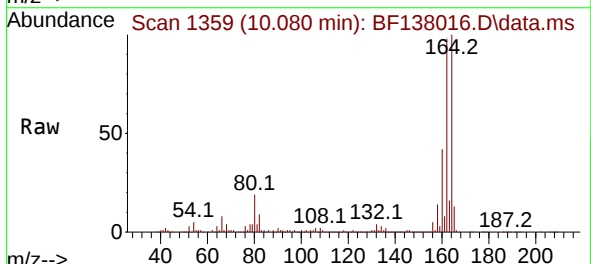
Instrument :
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ClientSampleId :
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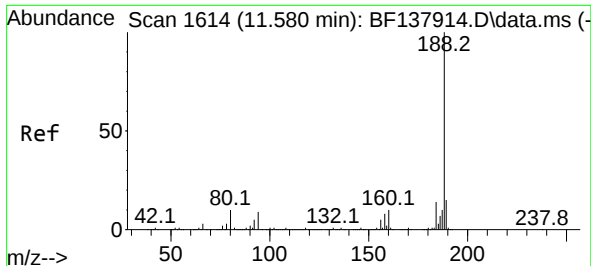
Tgt Ion:165 Resp: 26889
Ion Ratio Lower Upper
165 100
63 1.3 38.9 58.3#
89 1.6 40.4 60.6#



#57
2,4-Dinitrotoluene
Concen: 7.080 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.188 min
Lab File: BF138016.D
Acq: 22 May 2024 20:56

Tgt Ion:165 Resp: 26889
Ion Ratio Lower Upper
165 100
63 1.3 25.3 37.9#
89 1.6 45.9 68.9#
182 0.0 2.2 3.4#

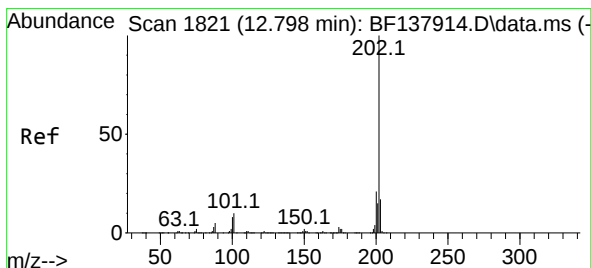
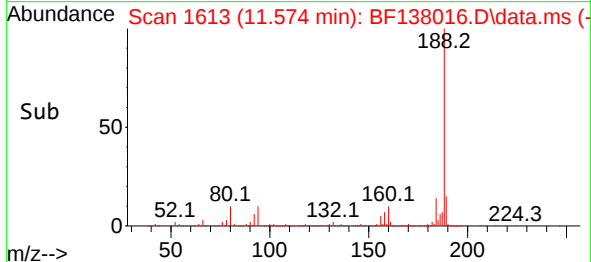
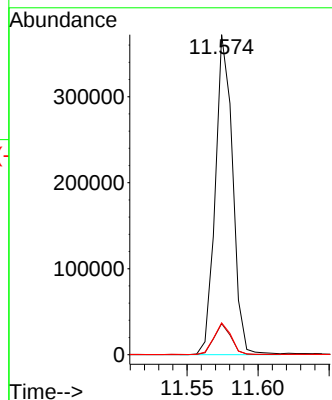
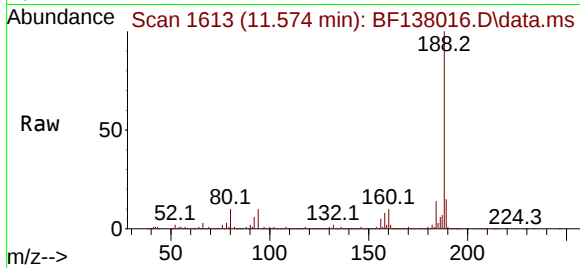




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.574 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF138016.D
Acq: 22 May 2024 20:56

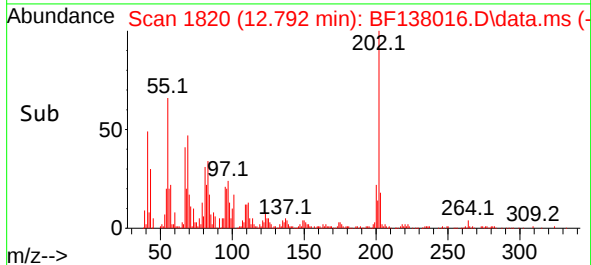
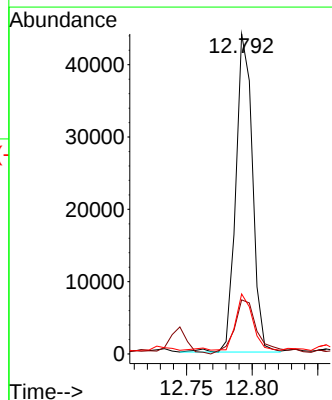
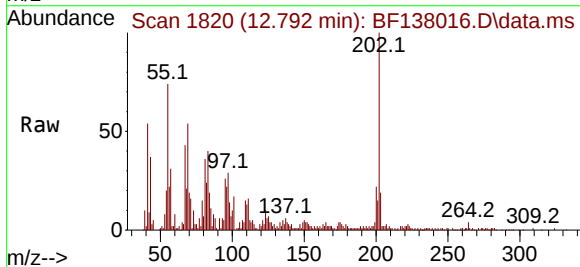
Instrument :
BNA_F
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EO-01-052124

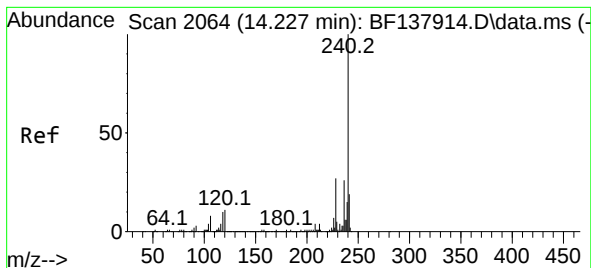
Tgt Ion:188 Resp: 315962
Ion Ratio Lower Upper
188 100
94 9.7 7.0 10.4
80 10.0 7.7 11.5



#75
Fluoranthene
Concen: 2.469 ng
RT: 12.792 min Scan# 1820
Delta R.T. -0.006 min
Lab File: BF138016.D
Acq: 22 May 2024 20:56

Tgt Ion:202 Resp: 39016
Ion Ratio Lower Upper
202 100
101 16.9 0.0 30.5
203 18.7 0.0 37.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.227 min Scan# 2064

Delta R.T. -0.000 min

Lab File: BF138016.D

Acq: 22 May 2024 20:56

Instrument :

BNA_F

ClientSampleId :

EO-01-052124

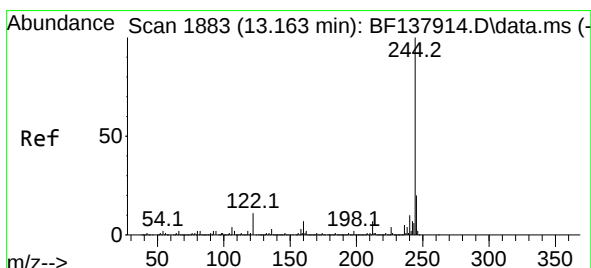
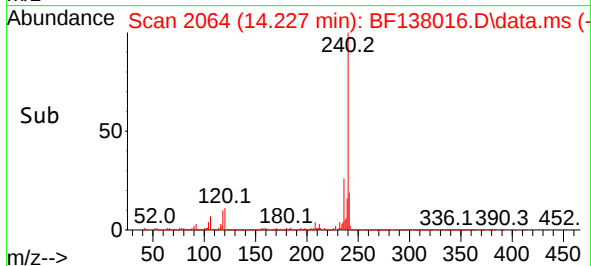
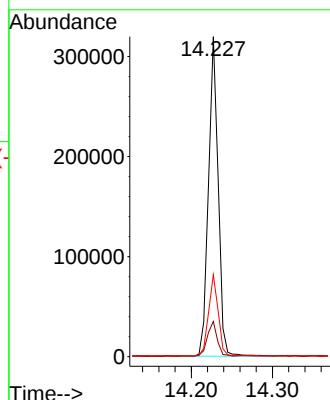
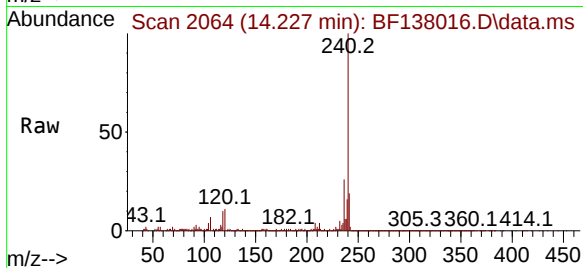
Tgt Ion:240 Resp: 264651

Ion Ratio Lower Upper

240 100

120 11.0 8.9 13.3

236 25.6 21.0 31.4



#79

Terphenyl-d14

Concen: 5.966 ng

RT: 13.162 min Scan# 1883

Delta R.T. -0.000 min

Lab File: BF138016.D

Acq: 22 May 2024 20:56

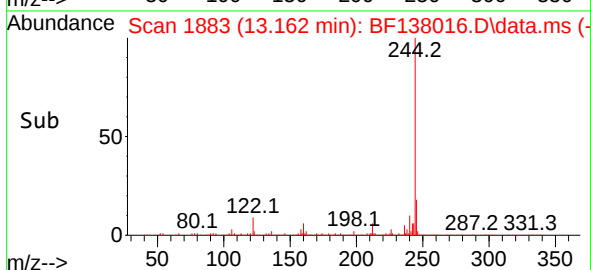
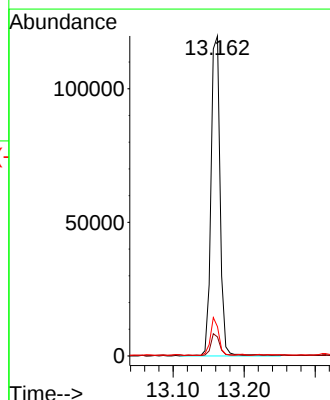
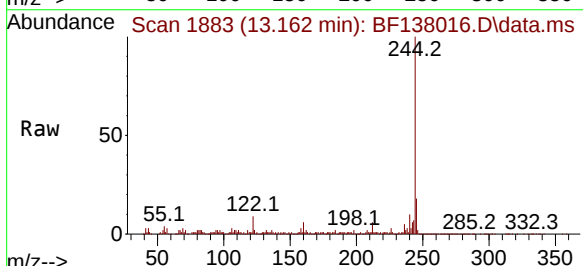
Tgt Ion:244 Resp: 107138

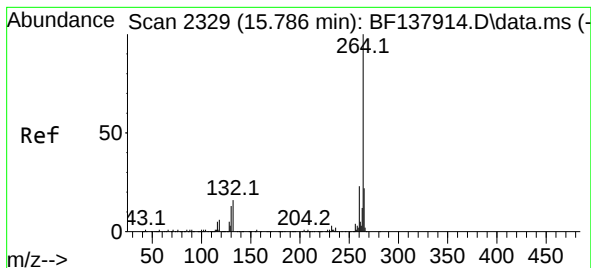
Ion Ratio Lower Upper

244 100

212 5.9 5.6 8.4

122 9.2 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.792 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138016.D

Acq: 22 May 2024 20:56

Instrument :

BNA_F

ClientSampleId :

EO-01-052124

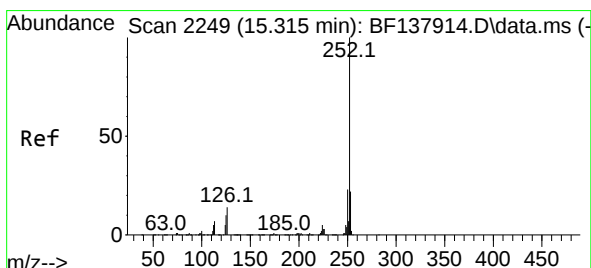
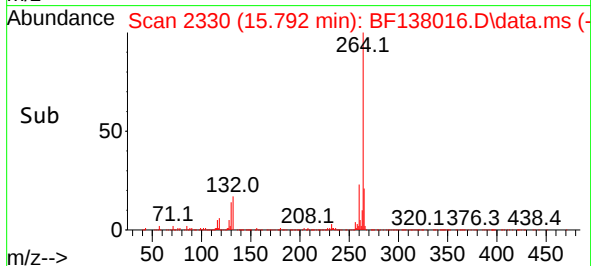
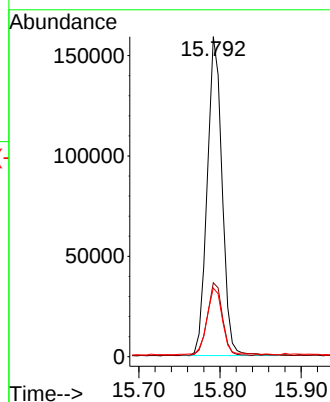
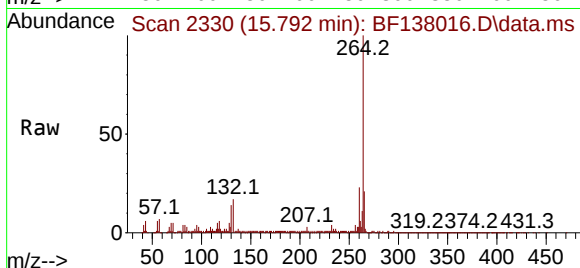
Tgt Ion:264 Resp: 201889

Ion Ratio Lower Upper

264 100

260 23.1 18.3 27.5

265 21.5 17.6 26.4



#88

Benzo(b)fluoranthene

Concen: 2.150 ng

RT: 15.321 min Scan# 2250

Delta R.T. 0.006 min

Lab File: BF138016.D

Acq: 22 May 2024 20:56

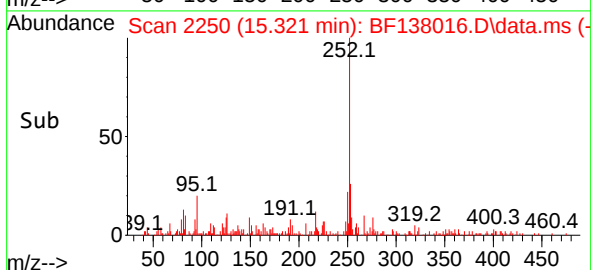
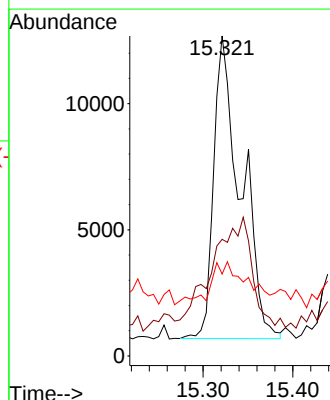
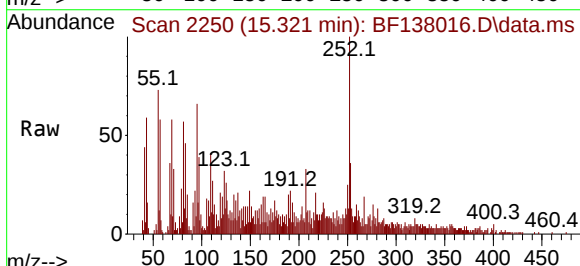
Tgt Ion:252 Resp: 25136

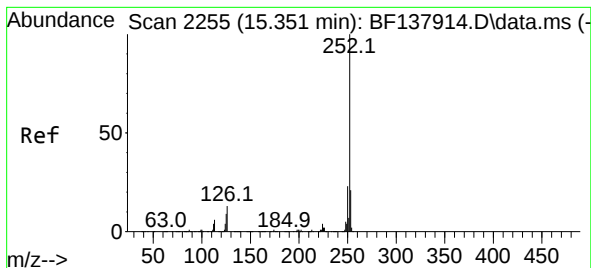
Ion Ratio Lower Upper

252 100

253 36.5 17.6 26.4#

125 25.6 8.2 12.4#





#89

Benzo(k)fluoranthene

Concen: 2.189 ng

RT: 15.321 min Scan# 21

Delta R.T. -0.030 min

Lab File: BF138016.D

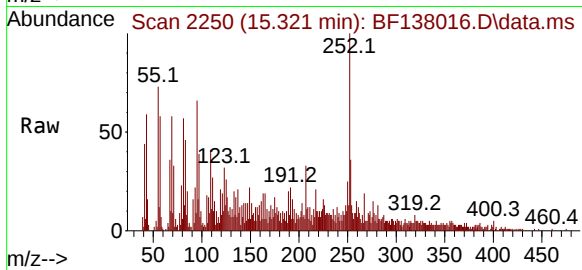
Acq: 22 May 2024 20:56

Instrument :

BNA_F

ClientSampleId :

EO-01-052124



Tgt Ion:252 Resp: 25136

Ion Ratio Lower Upper

252 100

253 36.5 17.4 26.0#

125 25.6 7.7 11.5#

