

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
 Data File : BF138082.D
 Acq On : 30 May 2024 18:19
 Operator : CG\JU
 Sample : P2655-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-052924

Quant Time: May 31 01:49:54 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)

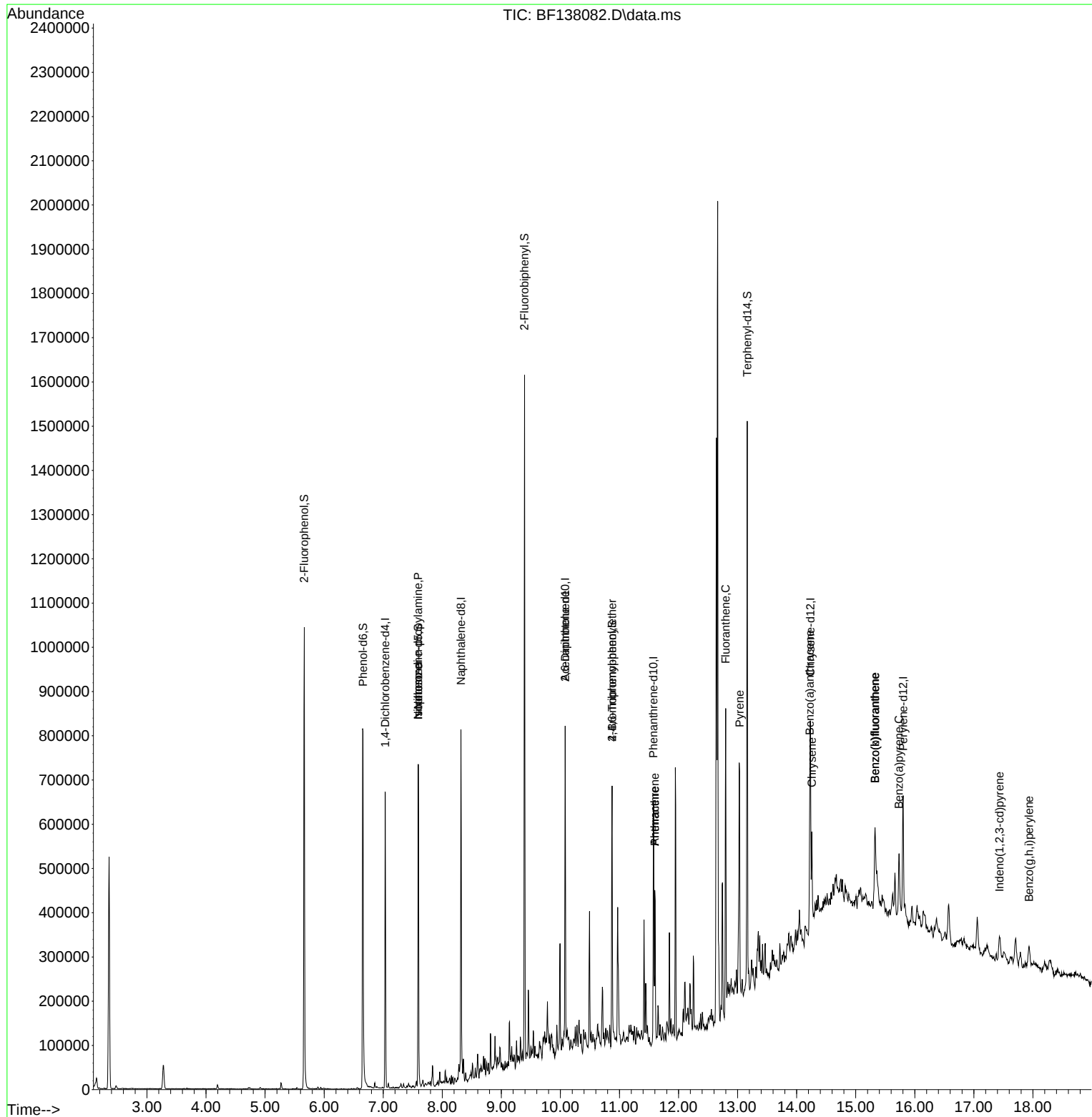
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	94528	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	323944	20.000	ng	-0.01
39) Acenaphthene-d10	10.081	164	141251	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	214379	20.000	ng	0.00
76) Chrysene-d12	14.233	240	151627	20.000	ng	0.00
86) Perylene-d12	15.804	264	124179	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.663	112	316085	56.800	ng	0.00
7) Phenol-d6	6.657	99	351283	51.244	ng	0.00
23) Nitrobenzene-d5	7.592	82	216803	39.386	ng	-0.02
42) 2,4,6-Tribromophenol	10.875	330	80466	56.498	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	432104	47.122	ng	0.00
79) Terphenyl-d14	13.163	244	422030	41.021	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.592	70	28865	7.495	ng	# 78
25) Isophorone	7.592	82	216696	22.682	ng	# 64
51) 2,6-Dinitrotoluene	10.081	165	19361	9.524	ng	# 30
67) 4-Bromophenyl-phenylether	10.875	248	5179	2.204	ng	# 1
71) Phenanthrene	11.598	178	124212	11.758	ng	98
72) Anthracene	11.598	178	124212	11.850	ng	99
75) Fluoranthene	12.798	202	266528	24.856	ng	98
78) Pyrene	13.033	202	232583	17.538	ng	99
81) Benzo(a)anthracene	14.221	228	92501	9.643	ng	94
83) Chrysene	14.257	228	83320	9.082	ng	96
87) Indeno(1,2,3-cd)pyrene	17.433	276	40884	5.125	ng	# 92
88) Benzo(b)fluoranthene	15.327	252	126273	17.562	ng	# 92
89) Benzo(k)fluoranthene	15.327	252	126273	17.877	ng	# 91
90) Benzo(a)pyrene	15.733	252	66003	10.750	ng	# 93
92) Benzo(g,h,i)perylene	17.933	276	39074	5.643	ng	# 89

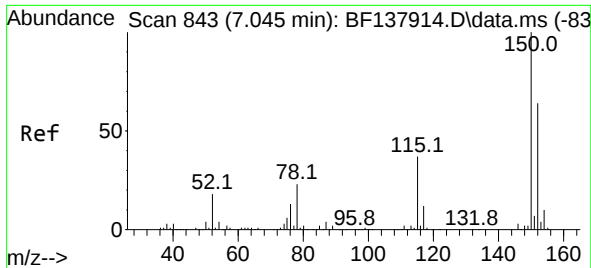
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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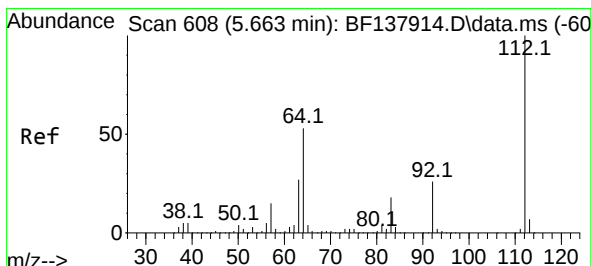
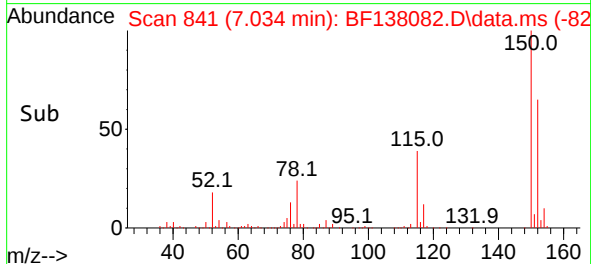
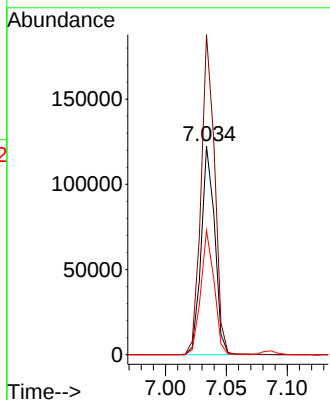
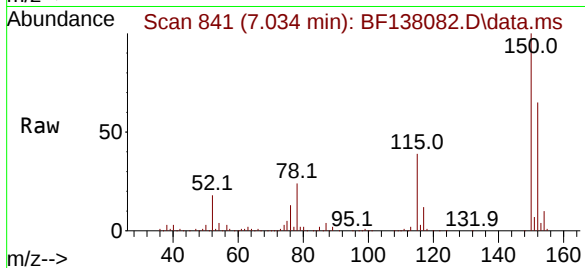




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.034 min Scan# 841
 Delta R.T. -0.011 min
 Lab File: BF138082.D
 Acq: 30 May 2024 18:19

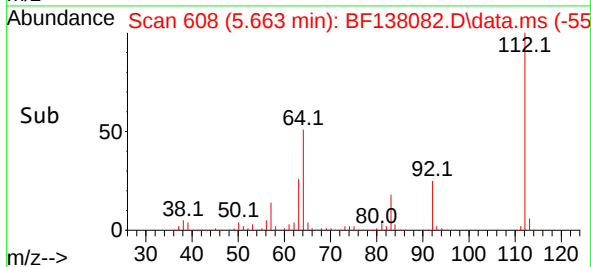
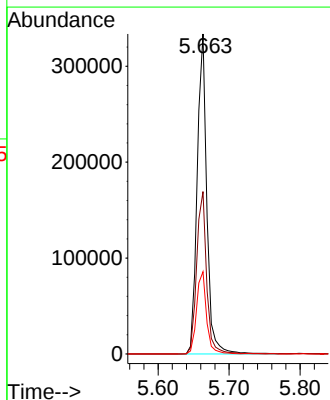
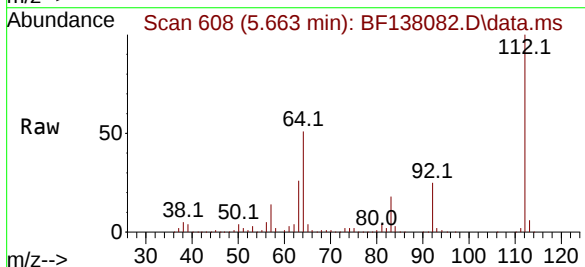
Instrument :
 BNA_F
 ClientSampleId :
 EO-02-052924

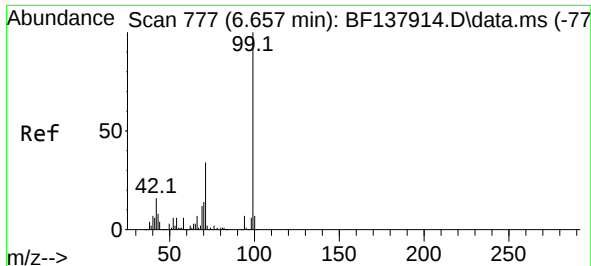
Tgt Ion:152 Resp: 94528
 Ion Ratio Lower Upper
 152 100
 150 153.4 125.7 188.5
 115 59.6 47.0 70.6



#5
 2-Fluorophenol
 Concen: 56.800 ng
 RT: 5.663 min Scan# 608
 Delta R.T. 0.000 min
 Lab File: BF138082.D
 Acq: 30 May 2024 18:19

Tgt Ion:112 Resp: 316085
 Ion Ratio Lower Upper
 112 100
 64 50.7 42.4 63.6
 63 25.7 21.4 32.2

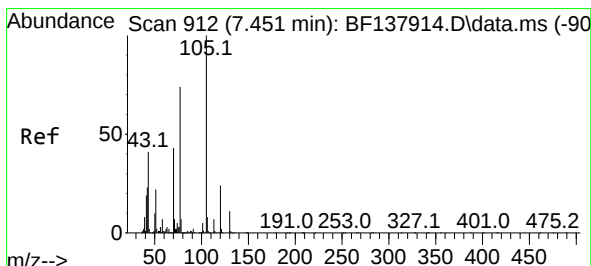
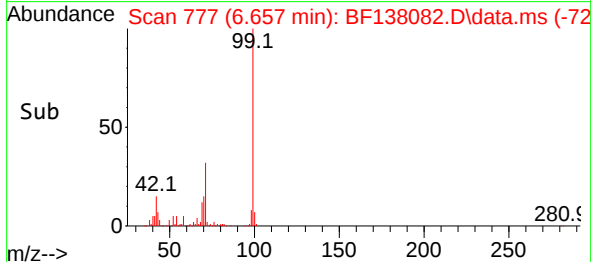
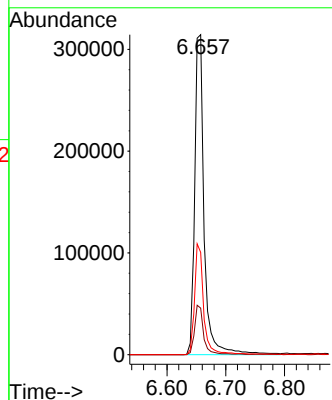
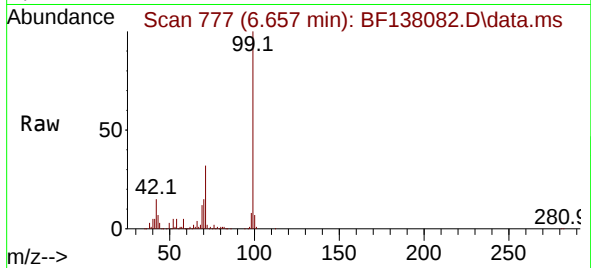




#7
Phenol-d6
Concen: 51.244 ng
RT: 6.657 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF138082.D
Acq: 30 May 2024 18:19

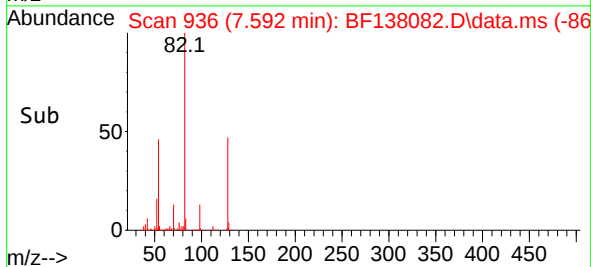
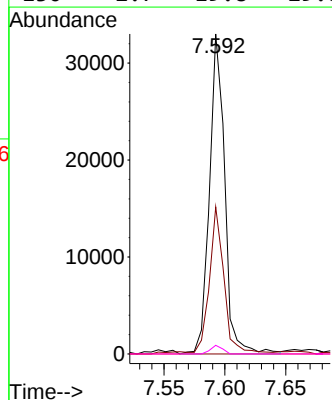
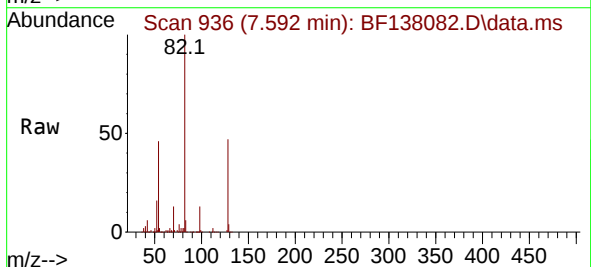
Instrument :
BNA_F
ClientSampleId :
EO-02-052924

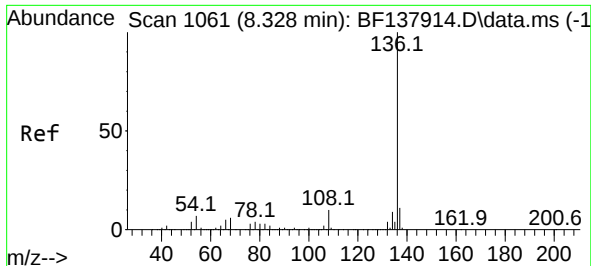
Tgt Ion: 99 Resp: 351283
Ion Ratio Lower Upper
99 100
42 14.6 12.6 18.8
71 31.9 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 7.495 ng
RT: 7.592 min Scan# 936
Delta R.T. 0.141 min
Lab File: BF138082.D
Acq: 30 May 2024 18:19

Tgt Ion: 70 Resp: 28865
Ion Ratio Lower Upper
70 100
42 46.0 42.2 63.4
101 0.0 8.8 13.2#
130 2.7 19.8 29.8#



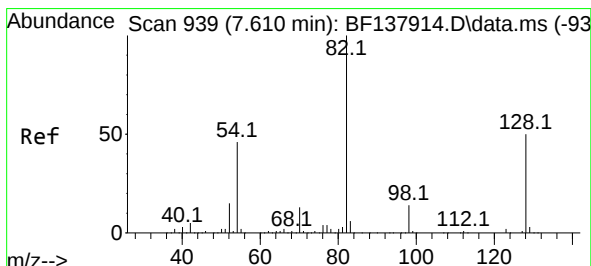
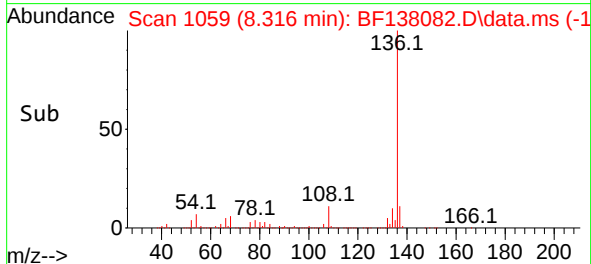
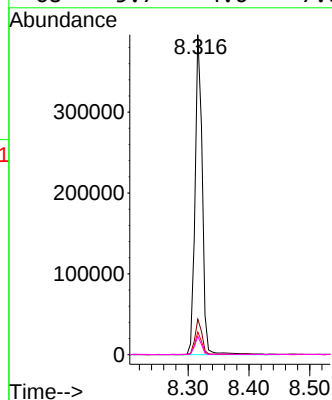
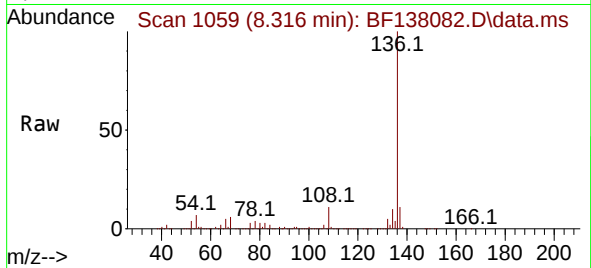


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF138082.D
Acq: 30 May 2024 18:19

Instrument :
BNA_F
ClientSampleId :
EO-02-052924

Tgt Ion: 136 Resp: 323944

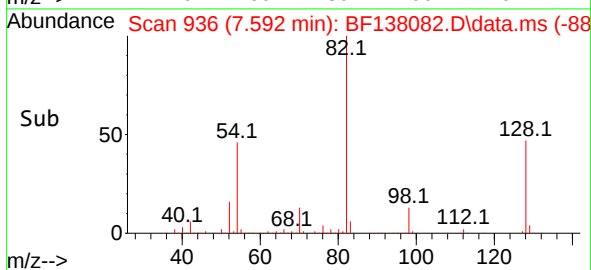
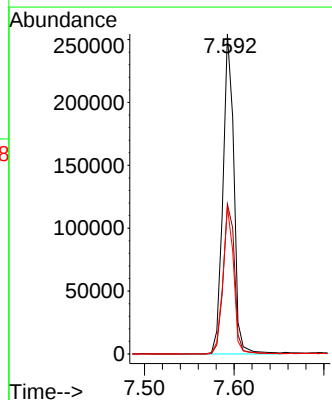
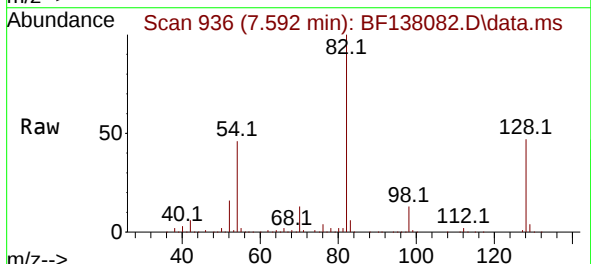
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.1	5.4	8.2
68	5.7	4.6	7.0

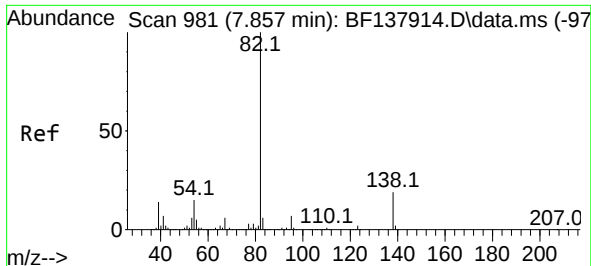


#23
Nitrobenzene-d5
Concen: 39.386 ng
RT: 7.592 min Scan# 936
Delta R.T. -0.018 min
Lab File: BF138082.D
Acq: 30 May 2024 18:19

Tgt Ion: 82 Resp: 216803

Ion	Ratio	Lower	Upper
82	100		
128	46.9	40.3	60.5
54	46.0	36.8	55.2

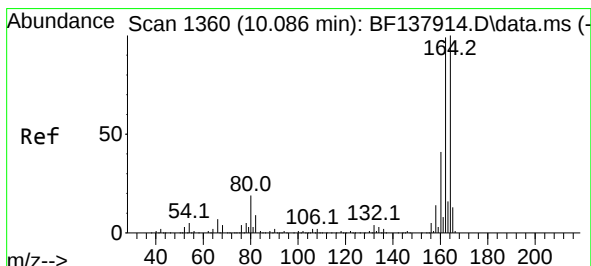
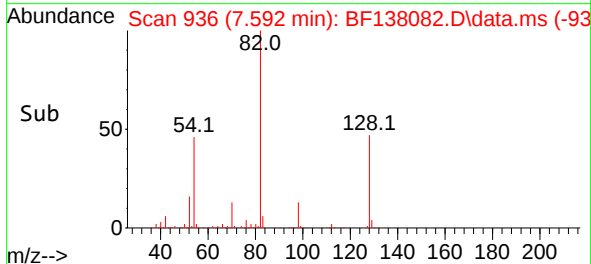
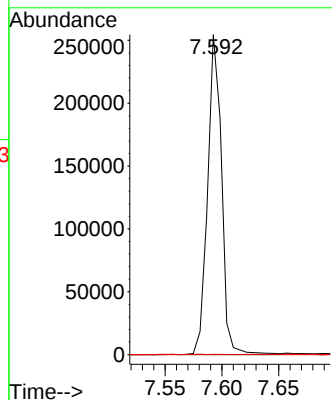
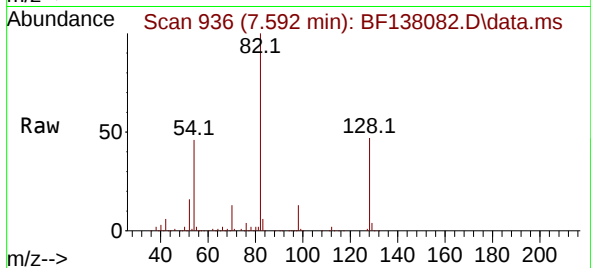




#25
Isophorone
Concen: 22.682 ng
RT: 7.592 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF138082.D
Acq: 30 May 2024 18:19

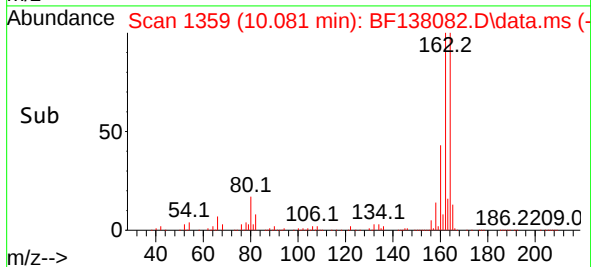
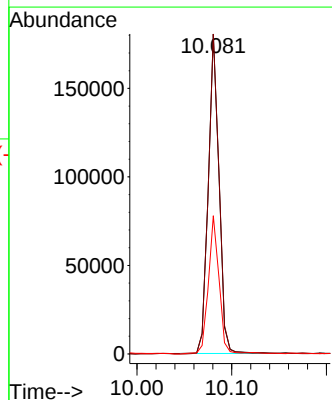
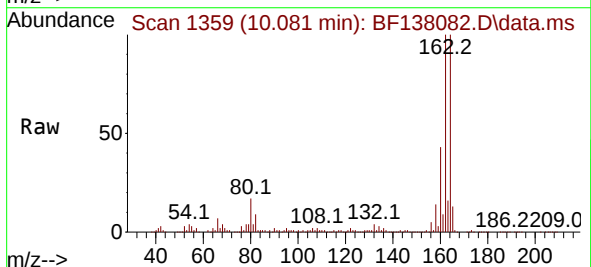
Instrument :
BNA_F
ClientSampleId :
EO-02-052924

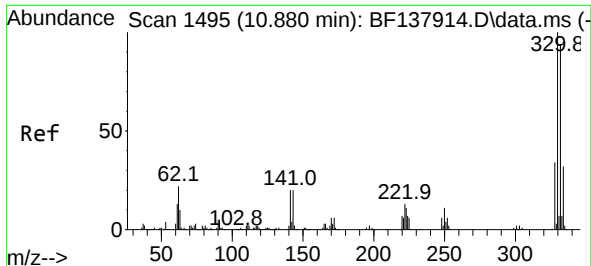
Tgt Ion: 82 Resp: 216696
Ion Ratio Lower Upper
82 100
95 0.1 6.0 9.0#
138 0.0 15.0 22.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.005 min
Lab File: BF138082.D
Acq: 30 May 2024 18:19

Tgt Ion:164 Resp: 141251
Ion Ratio Lower Upper
164 100
162 100.0 79.4 119.2
160 43.2 33.1 49.7





#42

2,4,6-Tribromophenol

Concen: 56.498 ng

RT: 10.875 min Scan# 1494

Delta R.T. -0.006 min

Lab File: BF138082.D

Acq: 30 May 2024 18:19

Instrument :

BNA_F

ClientSampleId :

EO-02-052924

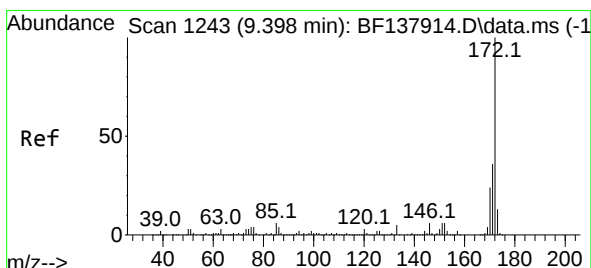
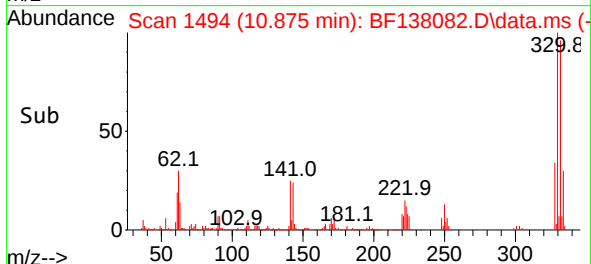
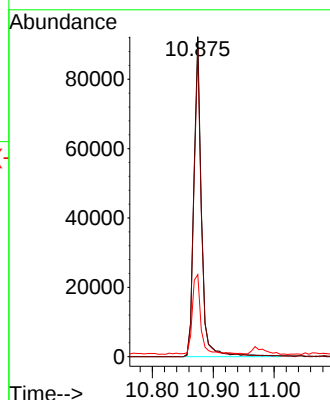
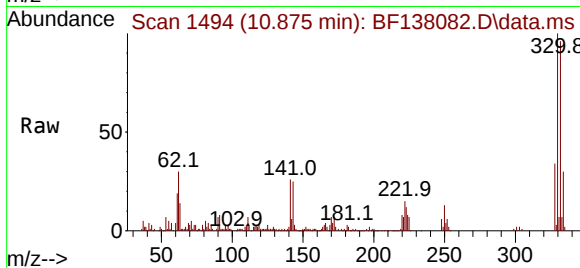
Tgt Ion:330 Resp: 80466

Ion Ratio Lower Upper

330 100

332 95.3 75.8 113.8

141 27.7 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 47.122 ng

RT: 9.392 min Scan# 1242

Delta R.T. -0.006 min

Lab File: BF138082.D

Acq: 30 May 2024 18:19

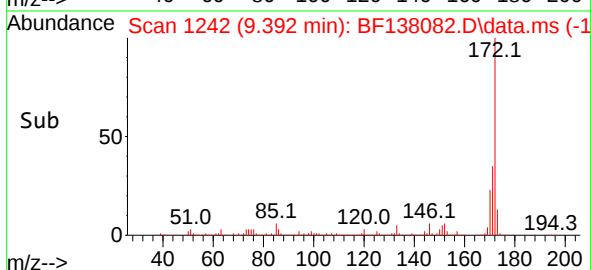
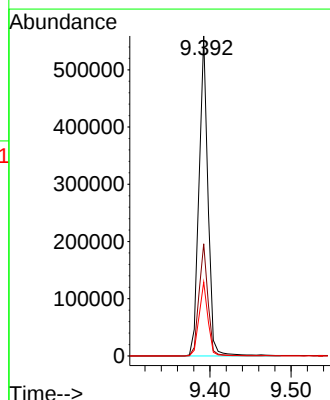
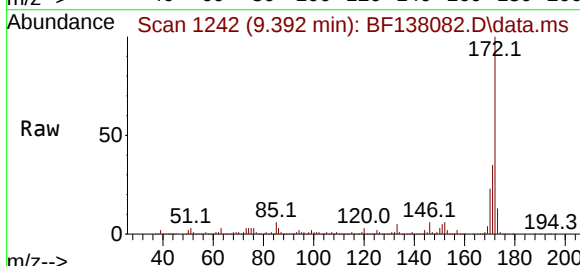
Tgt Ion:172 Resp: 432104

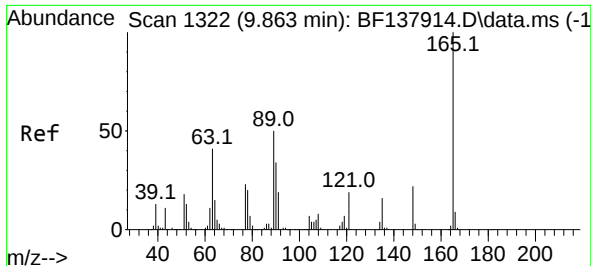
Ion Ratio Lower Upper

172 100

171 35.0 28.9 43.3

170 23.1 18.9 28.3

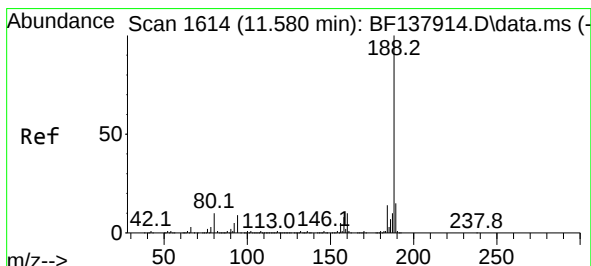
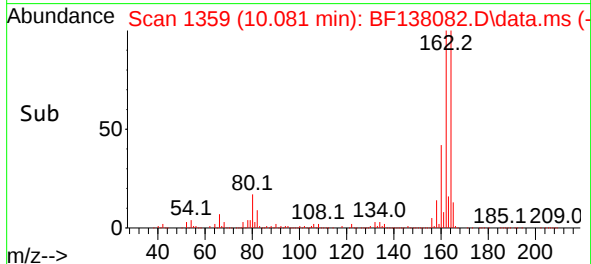
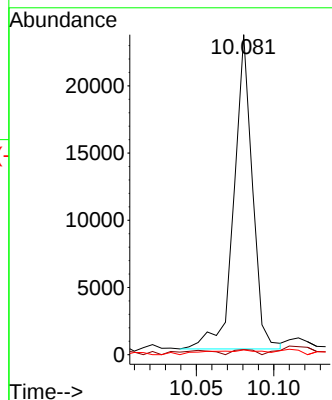
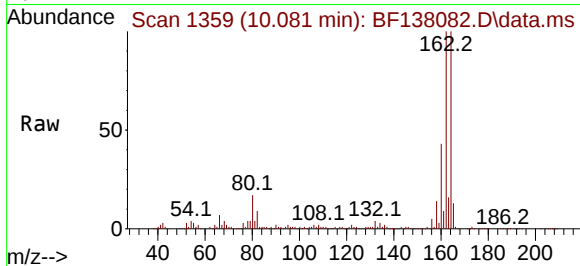




#51
2,6-Dinitrotoluene
Concen: 9.524 ng
RT: 10.081 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF138082.D
Acq: 30 May 2024 18:19

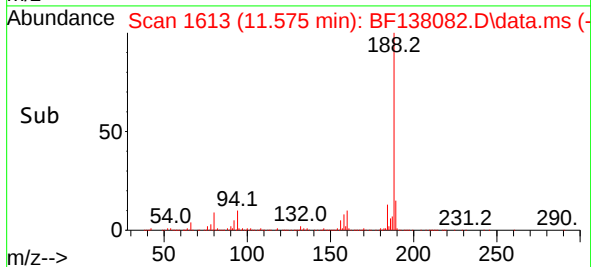
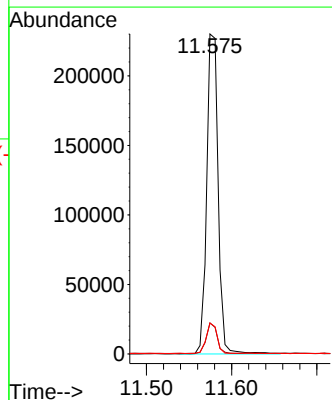
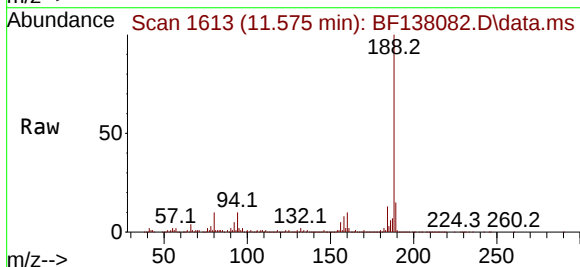
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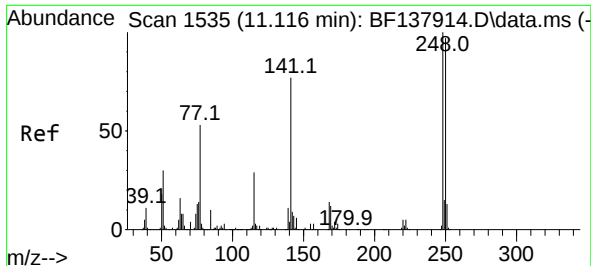
Tgt Ion:165 Resp: 19361
Ion Ratio Lower Upper
165 100
63 1.6 38.9 58.3#
89 1.5 40.4 60.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.575 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BF138082.D
Acq: 30 May 2024 18:19

Tgt Ion:188 Resp: 214379
Ion Ratio Lower Upper
188 100
94 9.7 7.0 10.4
80 9.6 7.7 11.5

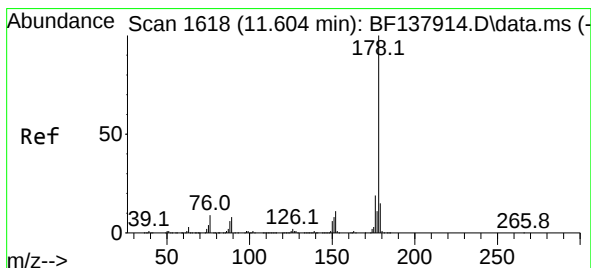
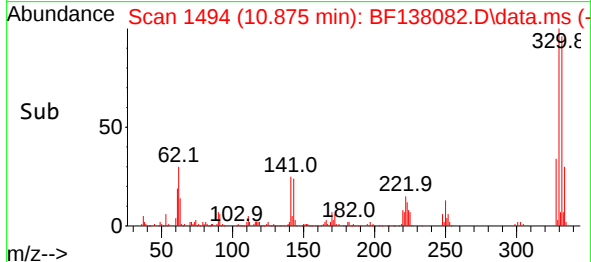
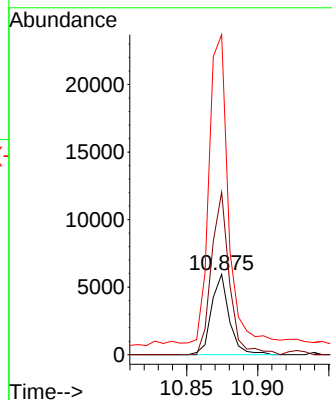
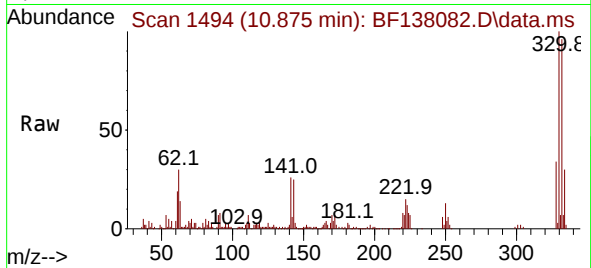




#67
4-Bromophenyl-phenylether
Concen: 2.204 ng
RT: 10.875 min Scan# 1494
Delta R.T. -0.241 min
Lab File: BF138082.D
Acq: 30 May 2024 18:19

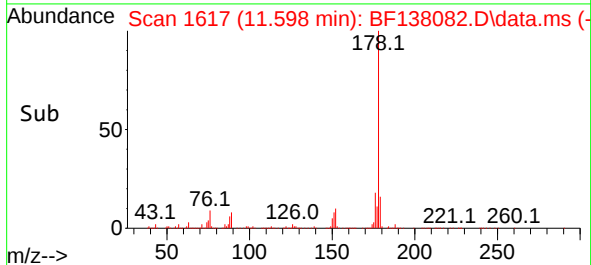
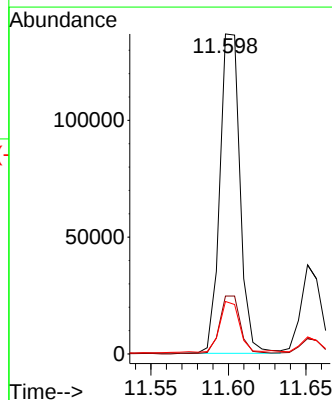
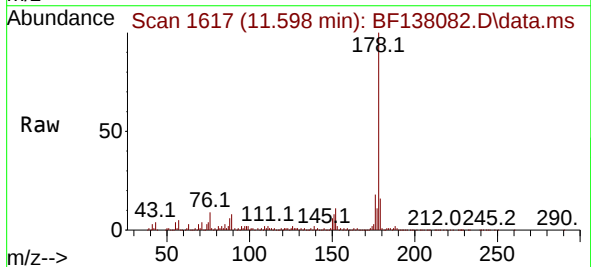
Instrument :
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EO-02-052924

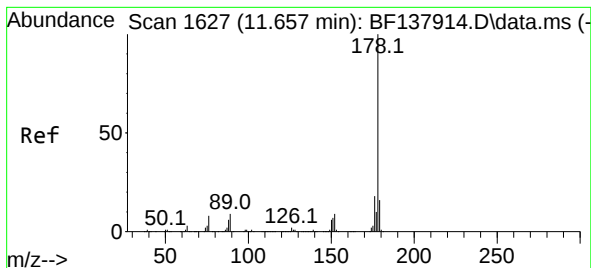
Tgt Ion:248 Resp: 5179
Ion Ratio Lower Upper
248 100
250 202.6 77.6 116.4#
141 398.7 61.4 92.2#



#71
Phenanthrene
Concen: 11.758 ng
RT: 11.598 min Scan# 1617
Delta R.T. -0.006 min
Lab File: BF138082.D
Acq: 30 May 2024 18:19

Tgt Ion:178 Resp: 124212
Ion Ratio Lower Upper
178 100
176 18.1 15.2 22.8
179 16.4 12.2 18.4





#72

Anthracene

Concen: 11.850 ng

RT: 11.598 min Scan# 1

Delta R.T. -0.059 min

Lab File: BF138082.D

Acq: 30 May 2024 18:19

Instrument :

BNA_F

ClientSampleId :

EO-02-052924

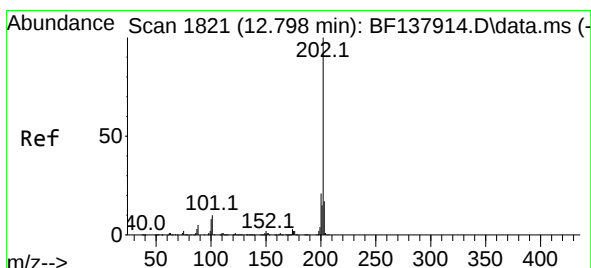
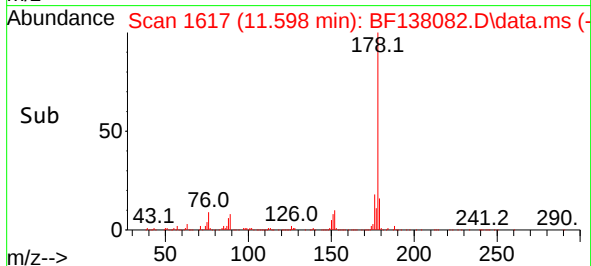
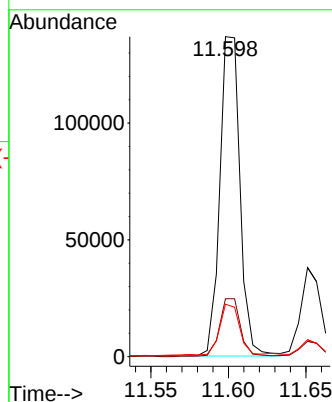
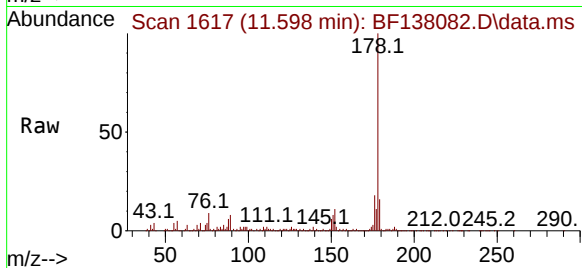
Tgt Ion:178 Resp: 124212

Ion Ratio Lower Upper

178 100

176 18.1 14.7 22.1

179 16.4 12.4 18.6



#75

Fluoranthene

Concen: 24.856 ng

RT: 12.798 min Scan# 1821

Delta R.T. 0.000 min

Lab File: BF138082.D

Acq: 30 May 2024 18:19

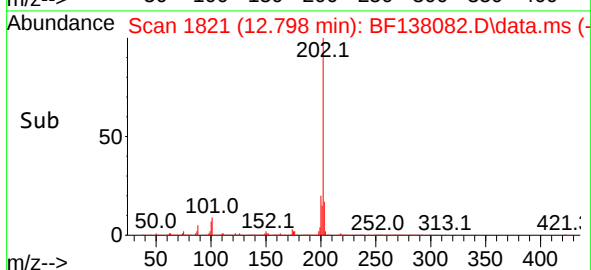
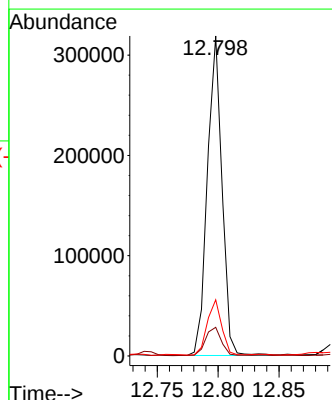
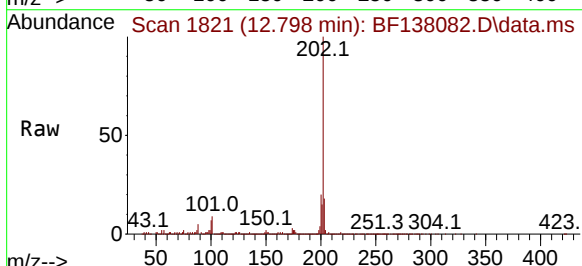
Tgt Ion:202 Resp: 266528

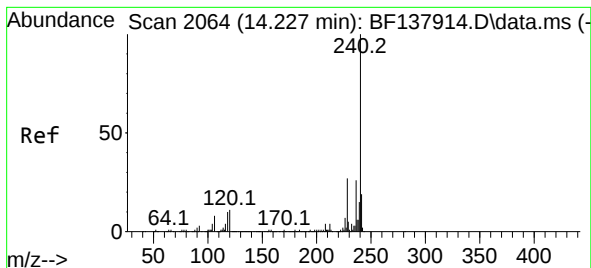
Ion Ratio Lower Upper

202 100

101 9.0 0.0 30.5

203 17.5 0.0 37.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.233 min Scan# 2065

Delta R.T. 0.006 min

Lab File: BF138082.D

Acq: 30 May 2024 18:19

Instrument :

BNA_F

ClientSampleId :

EO-02-052924

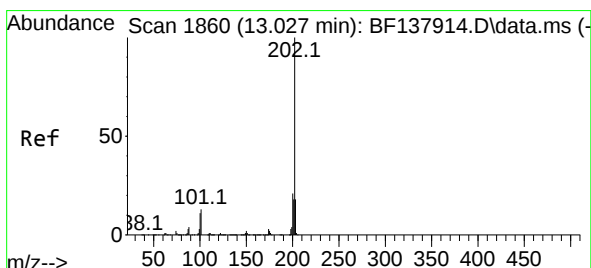
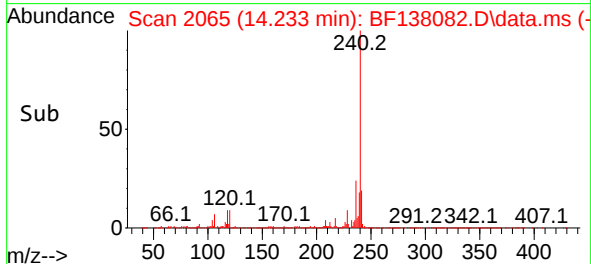
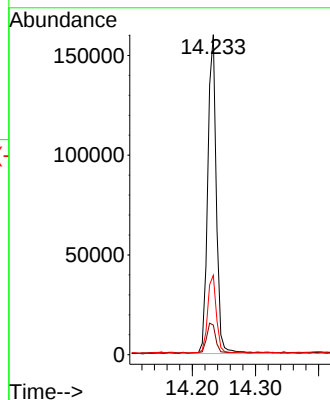
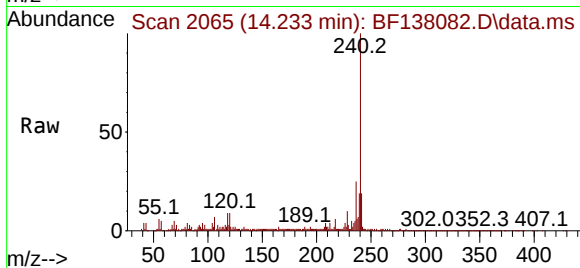
Tgt Ion:240 Resp: 151627

Ion Ratio Lower Upper

240 100

120 9.2 8.9 13.3

236 24.8 21.0 31.4



#78

Pyrene

Concen: 17.538 ng

RT: 13.033 min Scan# 1861

Delta R.T. 0.006 min

Lab File: BF138082.D

Acq: 30 May 2024 18:19

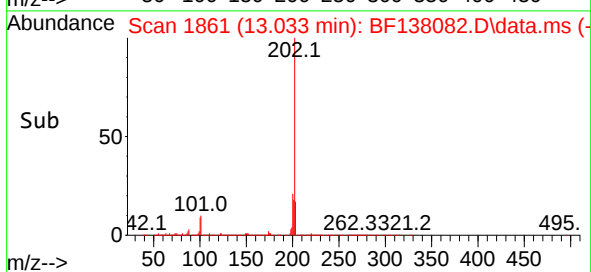
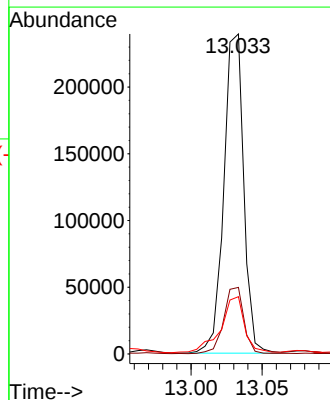
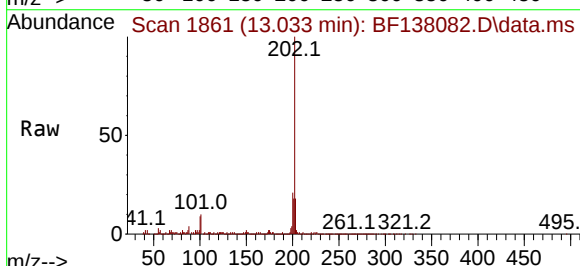
Tgt Ion:202 Resp: 232583

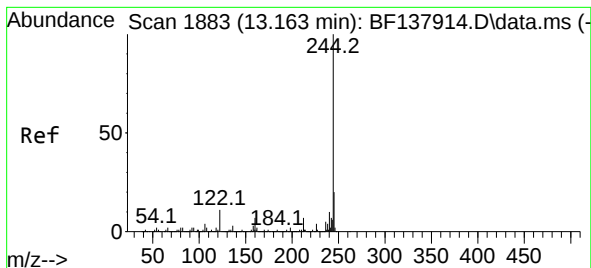
Ion Ratio Lower Upper

202 100

200 20.8 17.0 25.4

203 17.9 14.1 21.1





#79

Terphenyl-d14

Concen: 41.021 ng

RT: 13.163 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138082.D

Acq: 30 May 2024 18:19

Instrument :

BNA_F

ClientSampleId :

EO-02-052924

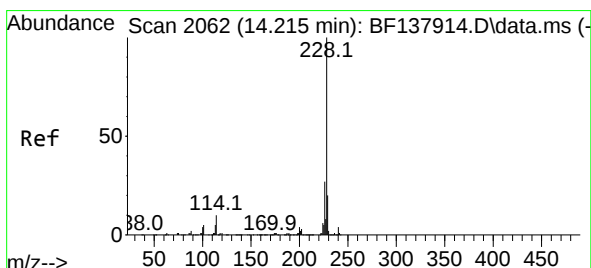
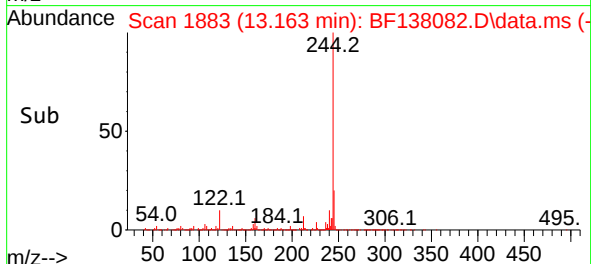
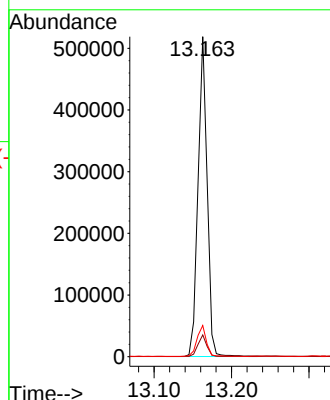
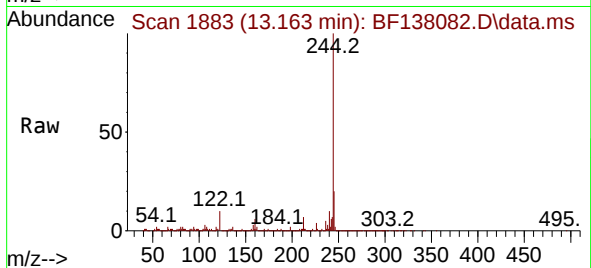
Tgt Ion:244 Resp: 422030

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 9.8 8.8 13.2



#81

Benzo(a)anthracene

Concen: 9.643 ng

RT: 14.221 min Scan# 2063

Delta R.T. 0.006 min

Lab File: BF138082.D

Acq: 30 May 2024 18:19

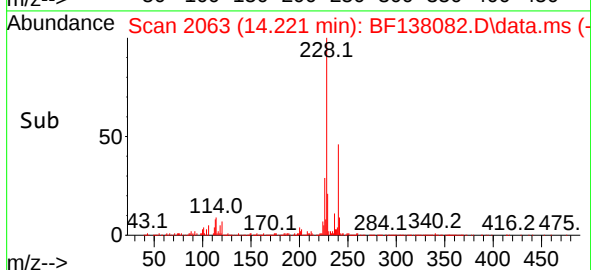
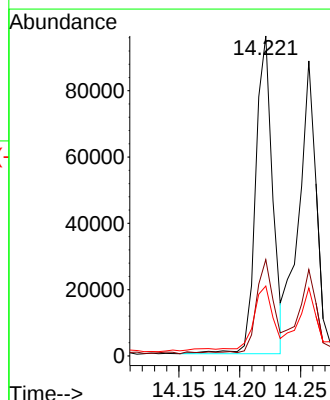
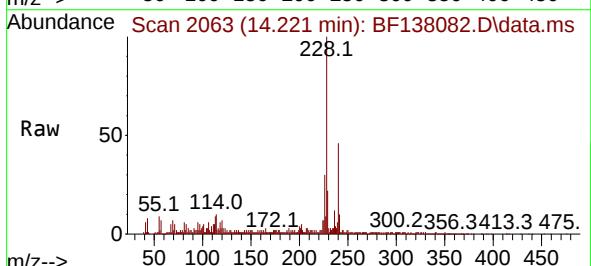
Tgt Ion:228 Resp: 92501

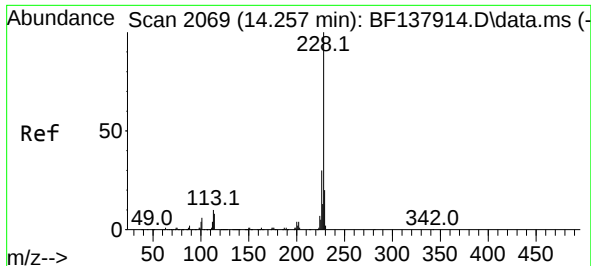
Ion Ratio Lower Upper

228 100

226 30.1 21.3 31.9

229 21.8 15.7 23.5

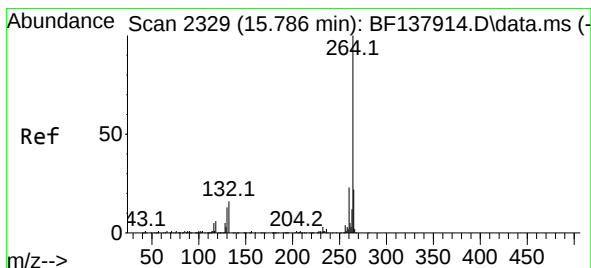
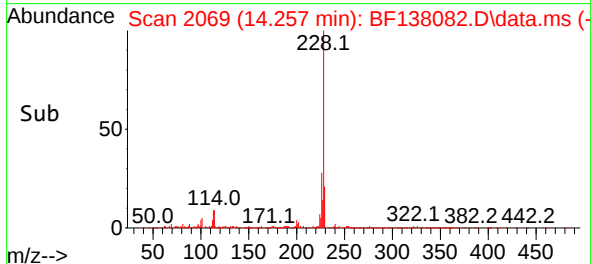
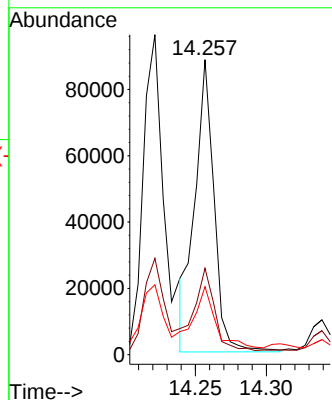
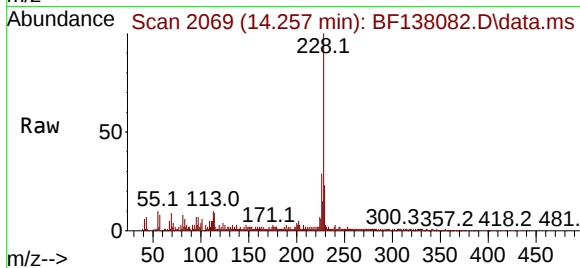




#83
Chrysene
Concen: 9.082 ng
RT: 14.257 min Scan# 2069
Delta R.T. 0.000 min
Lab File: BF138082.D
Acq: 30 May 2024 18:19

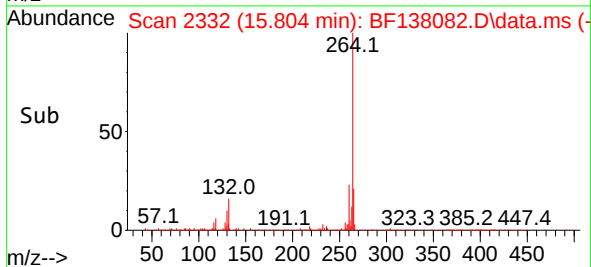
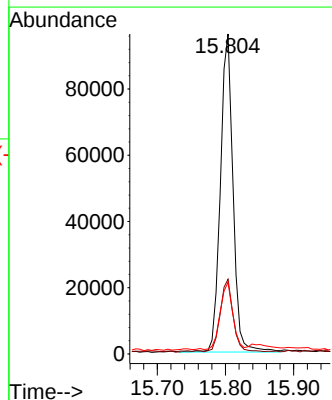
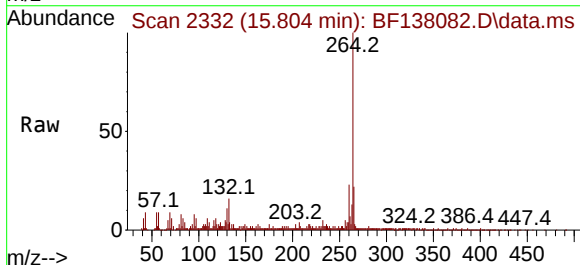
Instrument :
BNA_F
ClientSampleId :
EO-02-052924

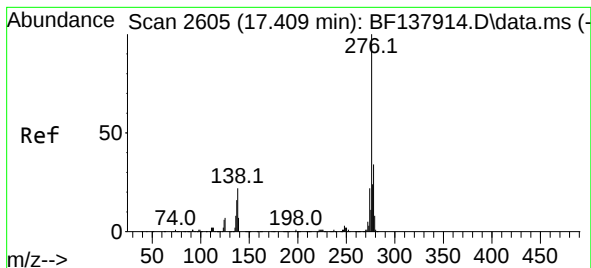
Tgt Ion:	228	Resp:	83320
Ion Ratio	Lower	Upper	
228	100		
226	29.3	23.8	35.8
229	23.0	15.6	23.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.804 min Scan# 2332
Delta R.T. 0.018 min
Lab File: BF138082.D
Acq: 30 May 2024 18:19

Tgt Ion:	264	Resp:	124179
Ion Ratio	Lower	Upper	
264	100		
260	23.3	18.3	27.5
265	22.4	17.6	26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 5.125 ng

RT: 17.433 min Scan# 2

Delta R.T. 0.024 min

Lab File: BF138082.D

Acq: 30 May 2024 18:19

Instrument :

BNA_F

ClientSampleId :

EO-02-052924

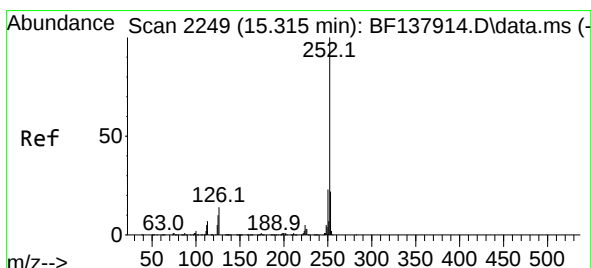
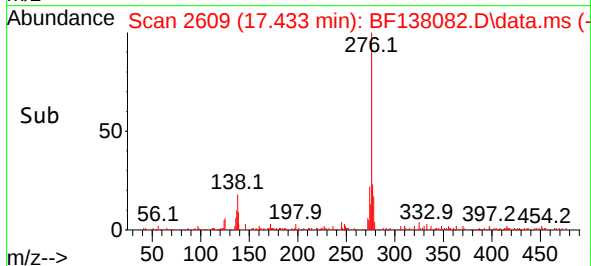
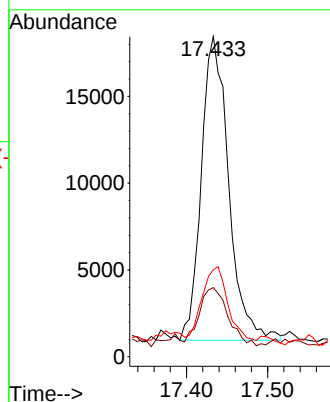
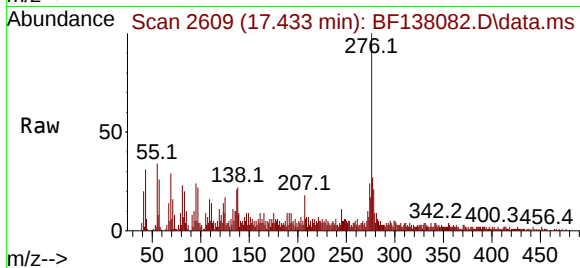
Tgt Ion:276 Resp: 40884

Ion Ratio Lower Upper

276 100

138 19.5 20.6 30.8#

277 23.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 17.562 ng

RT: 15.327 min Scan# 2251

Delta R.T. 0.012 min

Lab File: BF138082.D

Acq: 30 May 2024 18:19

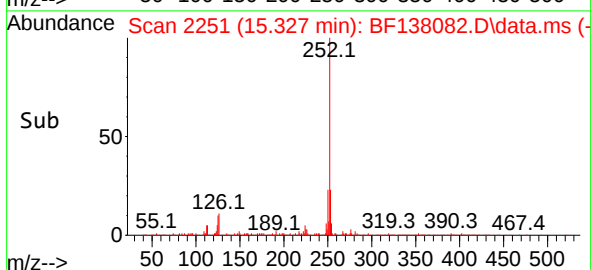
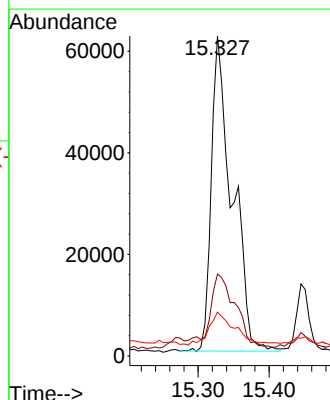
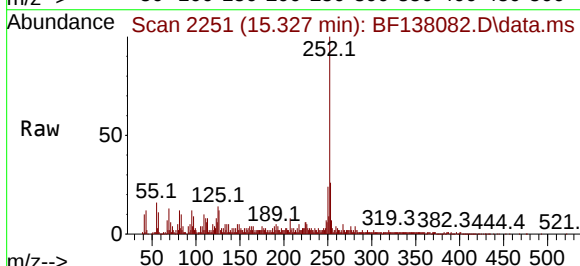
Tgt Ion:252 Resp: 126273

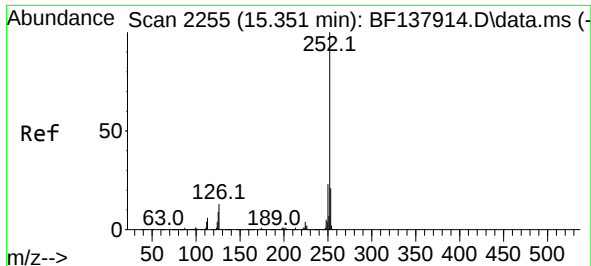
Ion Ratio Lower Upper

252 100

253 25.6 17.6 26.4

125 13.7 8.2 12.4#

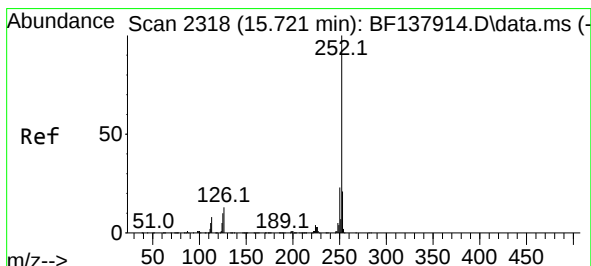
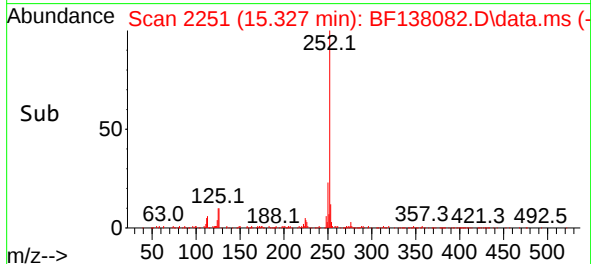
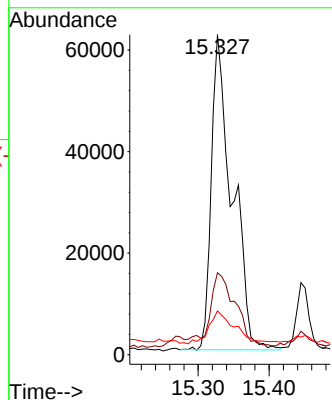
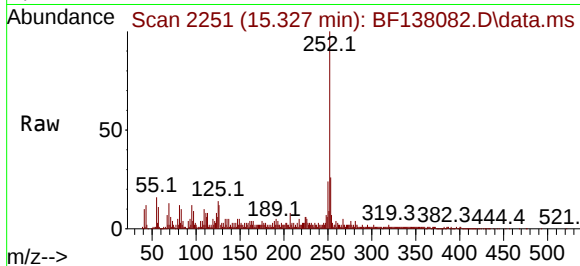




#89
Benzo(k)fluoranthene
Concen: 17.877 ng
RT: 15.327 min Scan# 21
Delta R.T. -0.023 min
Lab File: BF138082.D
Acq: 30 May 2024 18:19

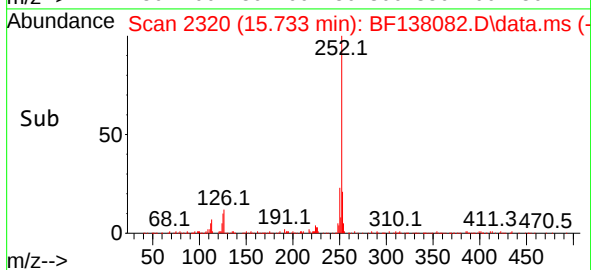
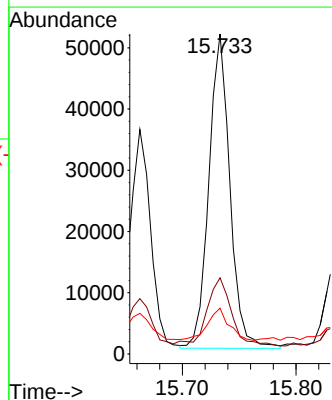
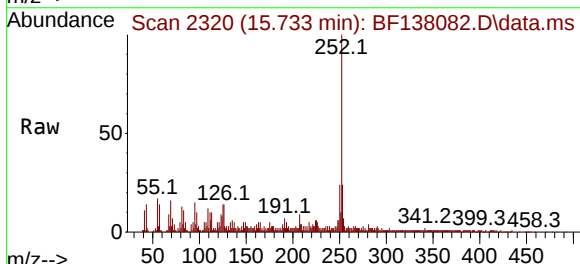
Instrument :
BNA_F
ClientSampleId :
EO-02-052924

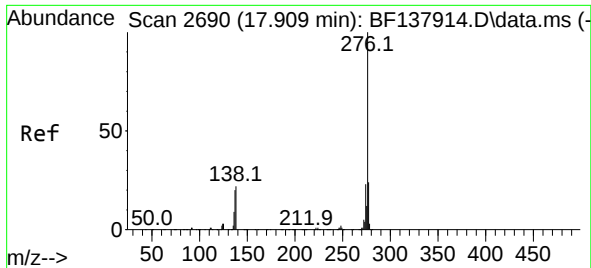
Tgt Ion:252 Resp: 126273
Ion Ratio Lower Upper
252 100
253 25.6 17.4 26.0
125 13.7 7.7 11.5#



#90
Benzo(a)pyrene
Concen: 10.750 ng
RT: 15.733 min Scan# 2320
Delta R.T. 0.012 min
Lab File: BF138082.D
Acq: 30 May 2024 18:19

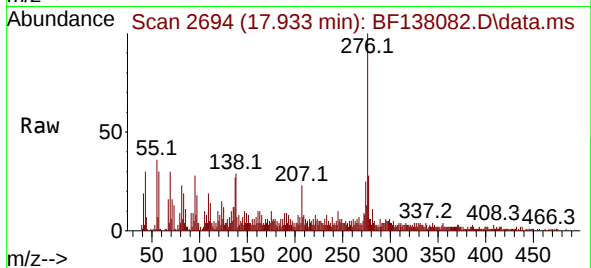
Tgt Ion:252 Resp: 66003
Ion Ratio Lower Upper
252 100
253 23.8 17.0 25.6
125 14.3 7.8 11.8#





#92
 Benzo(g,h,i)perylene
 Concen: 5.643 ng
 RT: 17.933 min Scan# 20
 Delta R.T. 0.024 min
 Lab File: BF138082.D
 Acq: 30 May 2024 18:19

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-052924



Tgt Ion: 276 Resp: 39074
 Ion Ratio Lower Upper
 276 100
 277 27.6 18.9 28.3
 138 29.0 17.6 26.4#

