

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062724\
 Data File : BF138370.D
 Acq On : 27 Jun 2024 17:07
 Operator : CG\JU
 Sample : P3047-01 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-062424

Quant Time: Jun 27 17:38:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

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

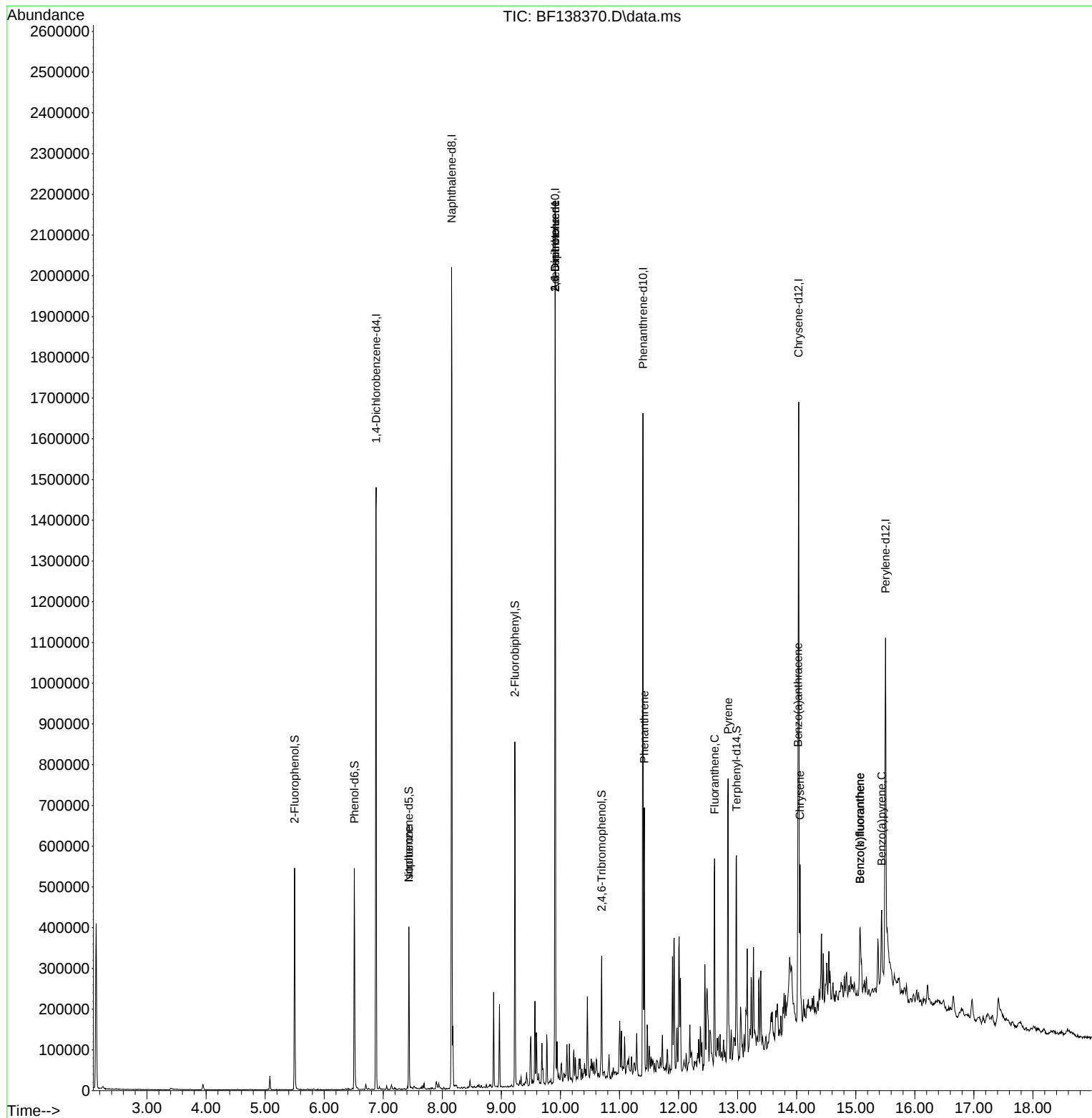
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	233653	20.000	ng	-0.01
21) Naphthalene-d8	8.157	136	873405	20.000	ng	-0.02
39) Acenaphthene-d10	9.910	164	434473	20.000	ng	-0.02
64) Phenanthrene-d10	11.398	188	569967	20.000	ng	-0.02
76) Chrysene-d12	14.033	240	437640	20.000	ng	-0.02
86) Perylene-d12	15.504	264	378842	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	147677	10.573	ng	-0.01
7) Phenol-d6	6.510	99	185494	10.473	ng	-0.01
23) Nitrobenzene-d5	7.434	82	108766	7.250	ng	-0.02
42) 2,4,6-Tribromophenol	10.698	330	32579	7.532	ng	-0.02
45) 2-Fluorobiphenyl	9.228	172	249060	9.115	ng	-0.02
79) Terphenyl-d14	12.980	244	179030	6.479	ng	-0.02
Target Compounds						
						Qvalue
25) Isophorone	7.434	82	108764	4.008	ng	# 62
51) 2,6-Dinitrotoluene	9.910	165	58468	10.124	ng	# 25
57) 2,4-Dinitrotoluene	9.910	165	58468	8.208	ng	# 31
71) Phenanthrene	11.422	178	226280	8.028	ng	97
75) Fluoranthene	12.610	202	183770	6.394	ng	98
78) Pyrene	12.839	202	284153	7.527	ng	97
81) Benzo(a)anthracene	14.021	228	135595	4.829	ng	95
83) Chrysene	14.057	228	139246	5.203	ng	95
88) Benzo(b)fluoranthene	15.074	252	136135	6.094	ng	# 97
89) Benzo(k)fluoranthene	15.074	252	136135	6.218	ng	# 97
90) Benzo(a)pyrene	15.439	252	84349	4.395	ng	# 97

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

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EO-01-062424

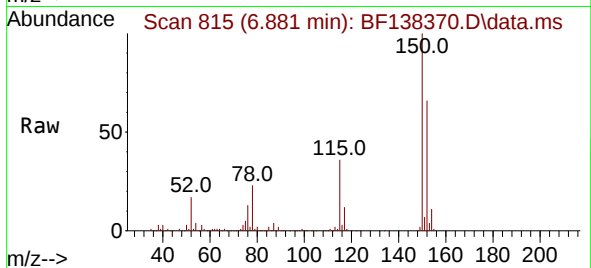
Quant Time: Jun 27 17:38:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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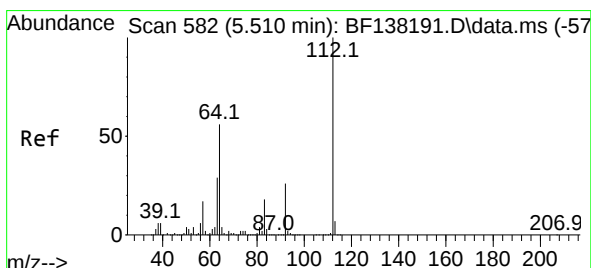
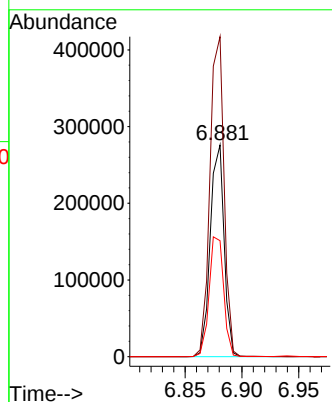
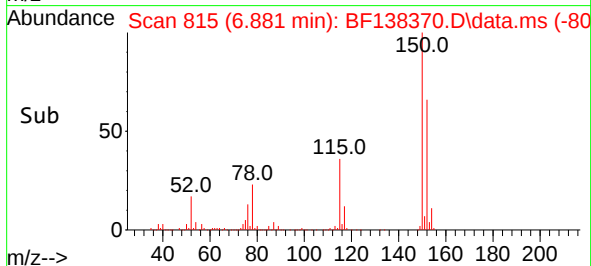


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 817
Delta R.T. -0.012 min
Lab File: BF138370.D
Acq: 27 Jun 2024 17:07

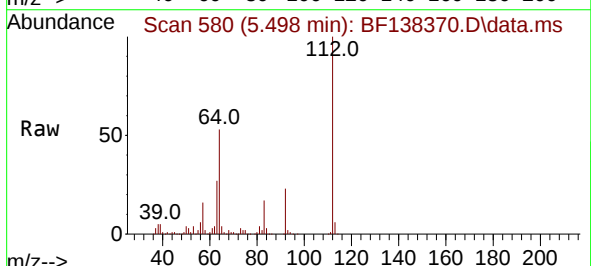
Instrument :
BNA_F
ClientSampleId :
EO-01-062424



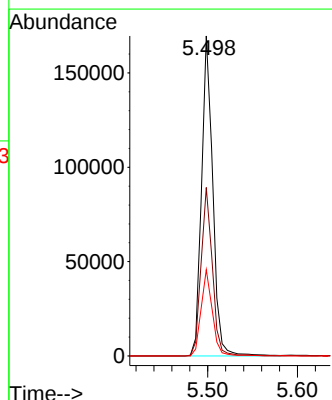
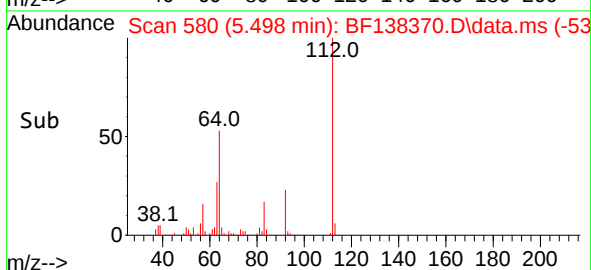
Tgt Ion:152 Resp: 233653
Ion Ratio Lower Upper
152 100
150 151.1 125.0 187.4
115 54.8 48.4 72.6



#5
2-Fluorophenol
Concen: 10.573 ng
RT: 5.498 min Scan# 580
Delta R.T. -0.012 min
Lab File: BF138370.D
Acq: 27 Jun 2024 17:07



Tgt Ion:112 Resp: 147677
Ion Ratio Lower Upper
112 100
64 52.6 45.2 67.8
63 27.0 22.9 34.3

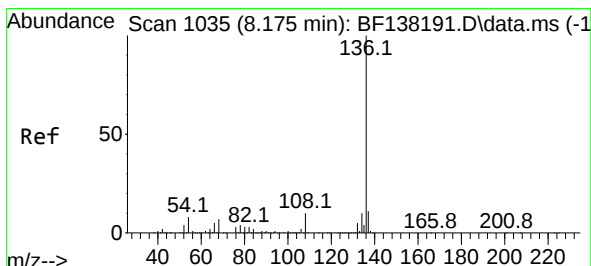
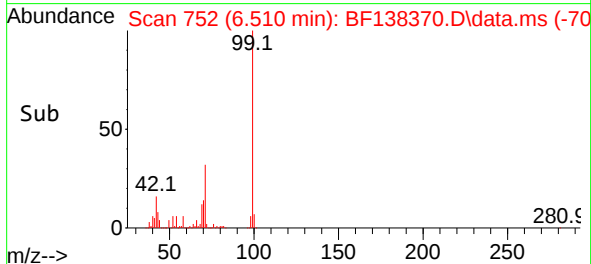
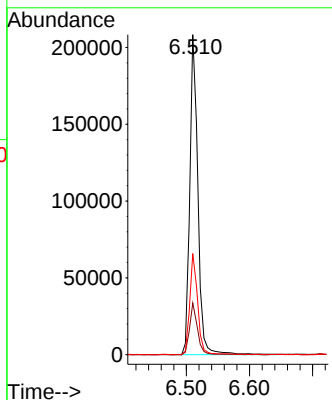
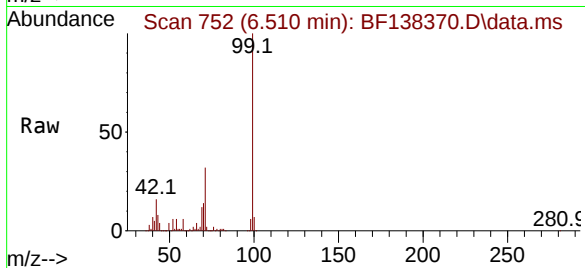




#7
Phenol-d6
Concen: 10.473 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF138370.D
Acq: 27 Jun 2024 17:07

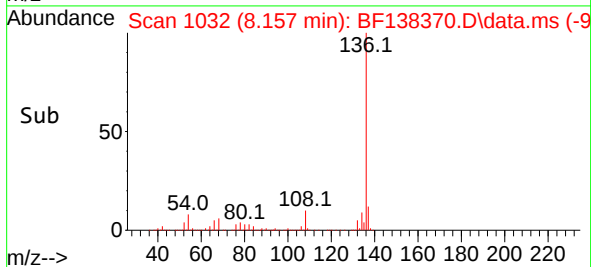
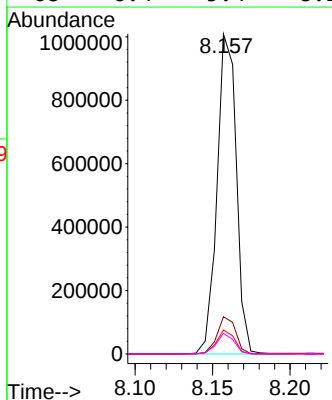
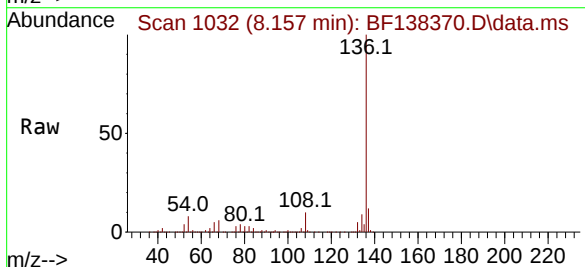
Instrument :
BNA_F
ClientSampleId :
EO-01-062424

Tgt Ion: 99 Resp: 185494
Ion Ratio Lower Upper
99 100
42 16.2 13.7 20.5
71 31.6 25.0 37.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.018 min
Lab File: BF138370.D
Acq: 27 Jun 2024 17:07

Tgt Ion: 136 Resp: 873405
Ion Ratio Lower Upper
136 100
137 11.7 9.1 13.7
54 7.5 6.6 10.0
68 6.4 5.4 8.2





#23

Nitrobenzene-d5

Concen: 7.250 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.024 min

Lab File: BF138370.D

Acq: 27 Jun 2024 17:07

Instrument :

BNA_F

ClientSampleId :

EO-01-062424

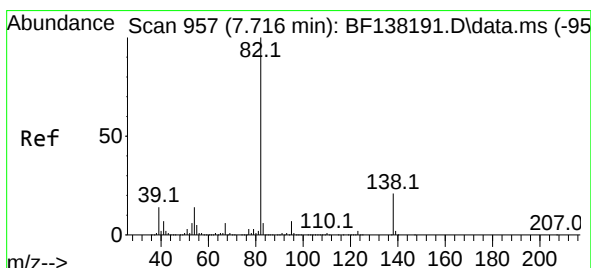
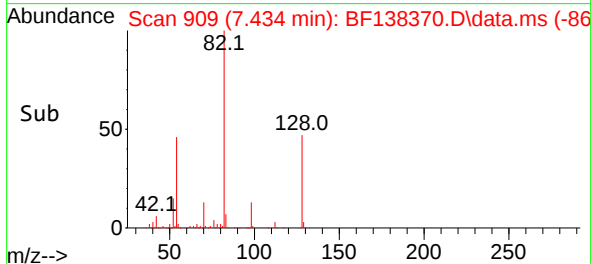
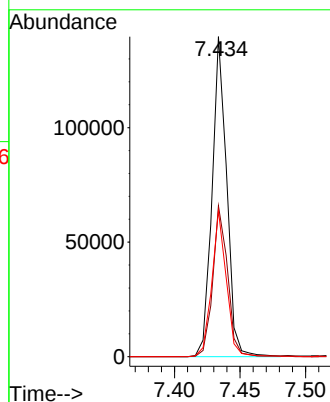
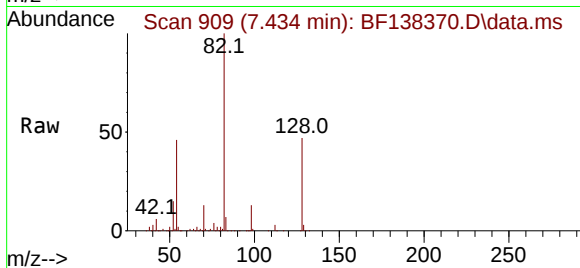
Tgt Ion: 82 Resp: 108766

Ion Ratio Lower Upper

82 100

128 47.2 37.2 55.8

54 45.6 39.8 59.6



#25

Isophorone

Concen: 4.008 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.283 min

Lab File: BF138370.D

Acq: 27 Jun 2024 17:07

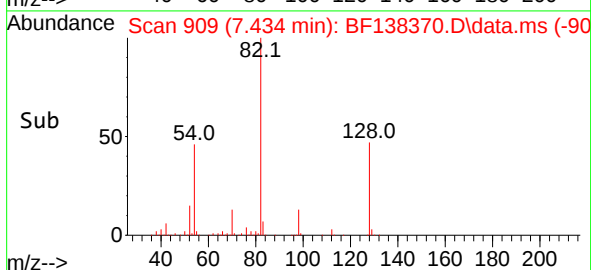
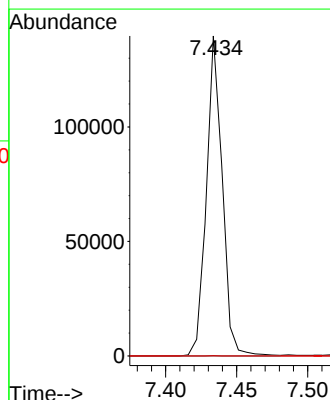
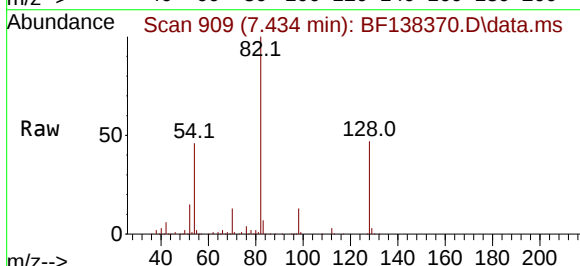
Tgt Ion: 82 Resp: 108764

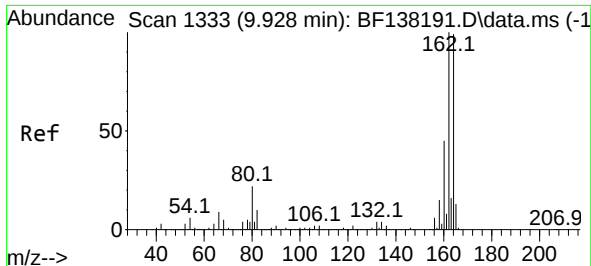
Ion Ratio Lower Upper

82 100

95 0.1 5.6 8.4#

138 0.0 16.4 24.6#

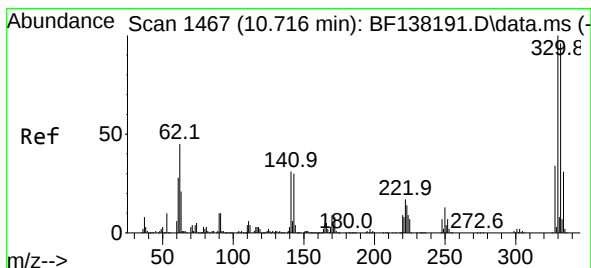
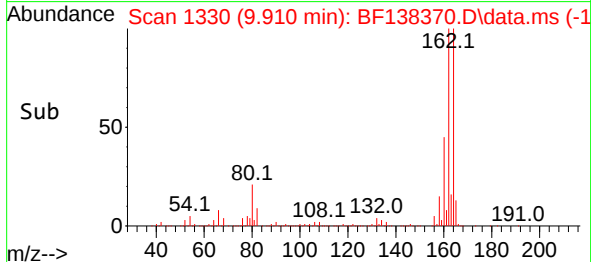
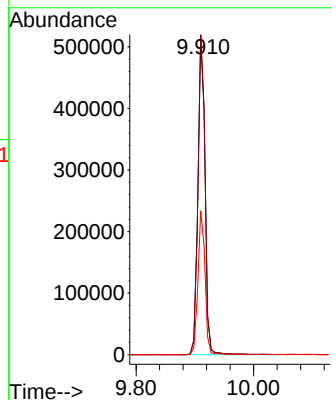
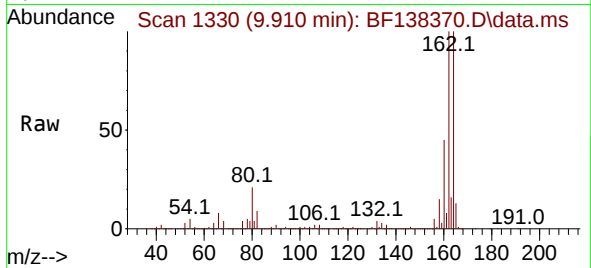




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF138370.D
Acq: 27 Jun 2024 17:07

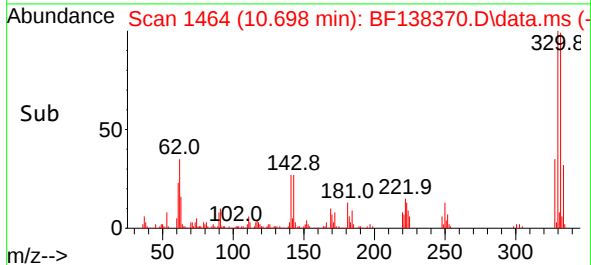
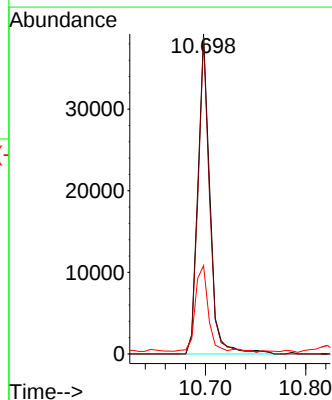
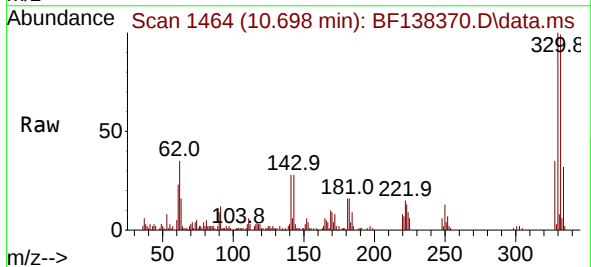
Instrument :
BNA_F
ClientSampleId :
EO-01-062424

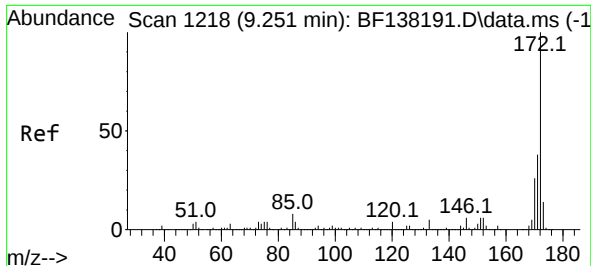
Tgt Ion:164 Resp: 434473
Ion Ratio Lower Upper
164 100
162 100.1 80.6 121.0
160 45.1 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 7.532 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.018 min
Lab File: BF138370.D
Acq: 27 Jun 2024 17:07

Tgt Ion:330 Resp: 32579
Ion Ratio Lower Upper
330 100
332 95.7 76.6 115.0
141 30.6 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 9.115 ng

RT: 9.228 min Scan# 11

Delta R.T. -0.023 min

Lab File: BF138370.D

Acq: 27 Jun 2024 17:07

Instrument :

BNA_F

ClientSampleId :

EO-01-062424

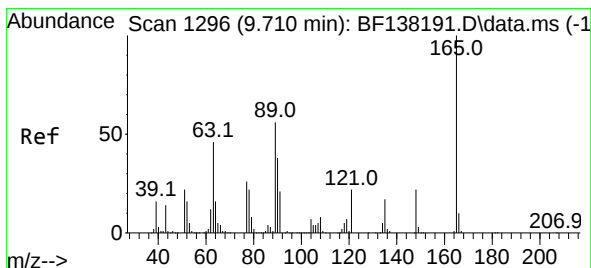
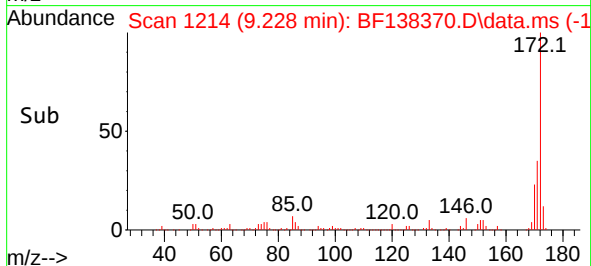
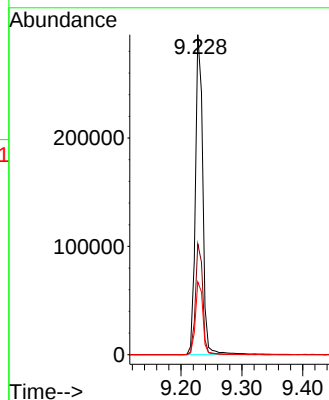
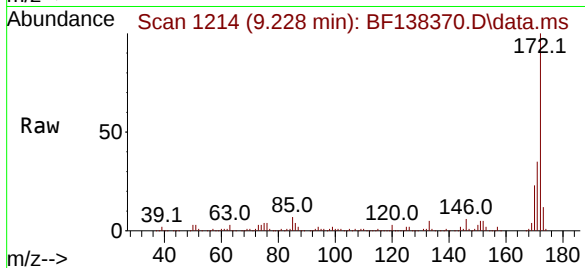
Tgt Ion:172 Resp: 249060

Ion Ratio Lower Upper

172 100

171 34.7 30.3 45.5

170 22.7 20.6 30.8



#51

2,6-Dinitrotoluene

Concen: 10.124 ng

RT: 9.910 min Scan# 1330

Delta R.T. 0.200 min

Lab File: BF138370.D

Acq: 27 Jun 2024 17:07

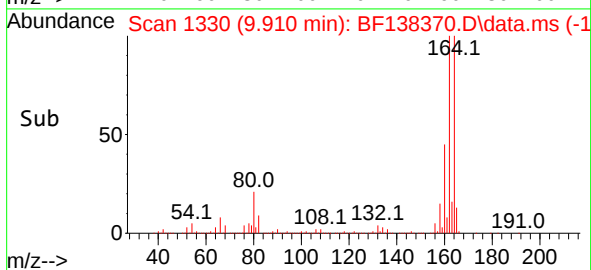
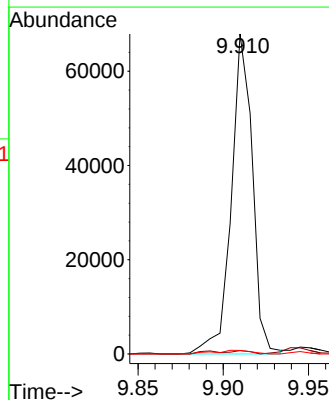
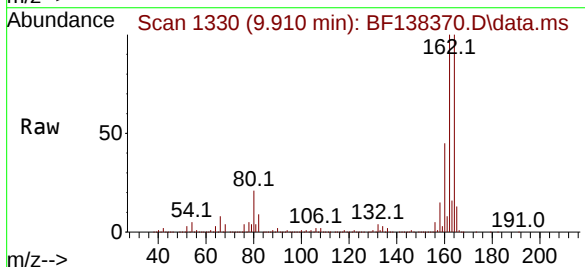
Tgt Ion:165 Resp: 58468

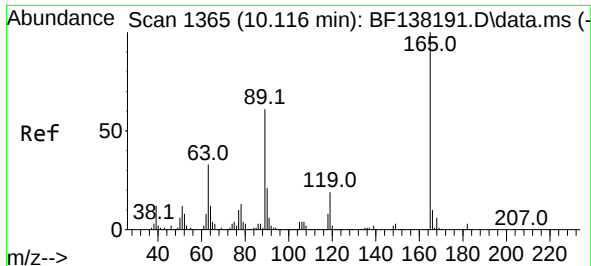
Ion Ratio Lower Upper

165 100

63 1.1 43.7 65.5#

89 1.1 44.9 67.3#

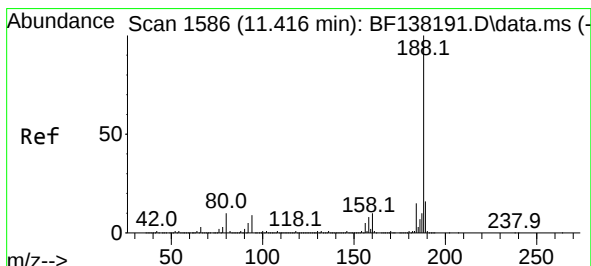
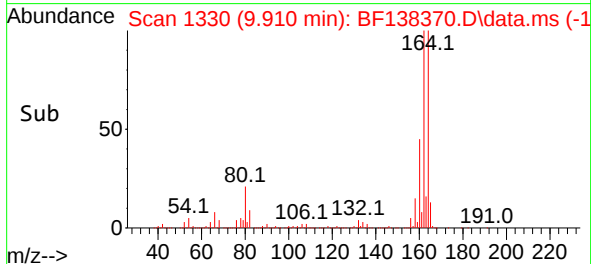
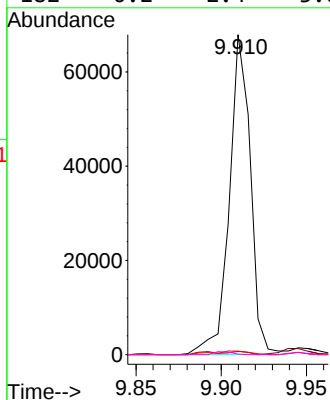
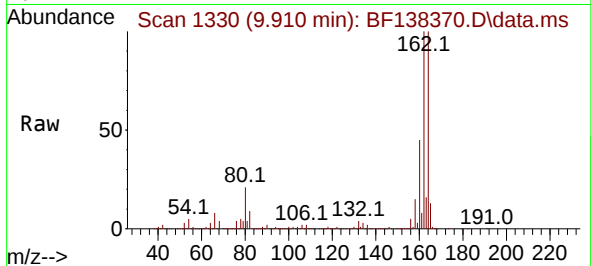




#57
2,4-Dinitrotoluene
Concen: 8.208 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF138370.D
Acq: 27 Jun 2024 17:07

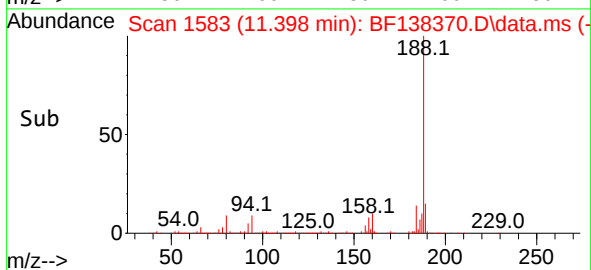
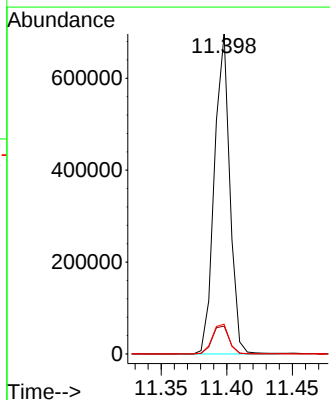
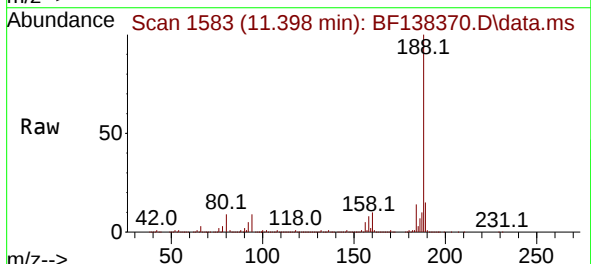
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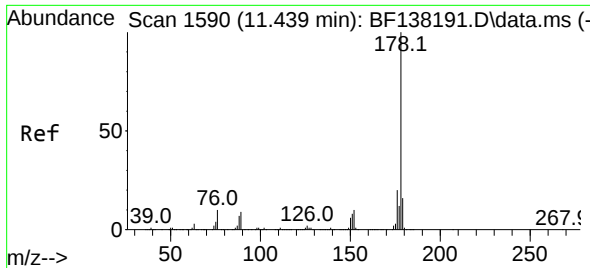
Tgt Ion:165 Resp: 58468
Ion Ratio Lower Upper
165 100
63 1.1 26.6 39.8#
89 1.1 48.7 73.1#
182 0.2 2.4 3.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.018 min
Lab File: BF138370.D
Acq: 27 Jun 2024 17:07

Tgt Ion:188 Resp: 569967
Ion Ratio Lower Upper
188 100
94 8.7 7.6 11.4
80 9.3 8.1 12.1

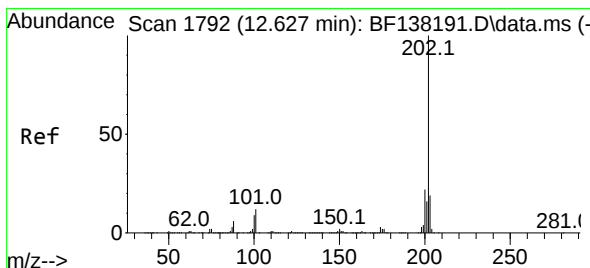
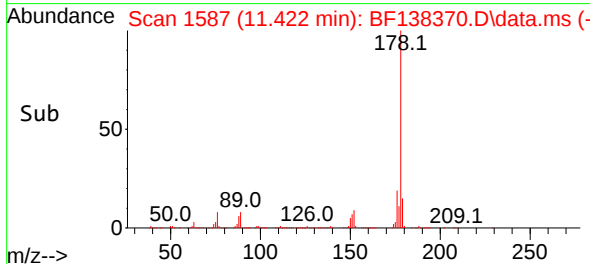
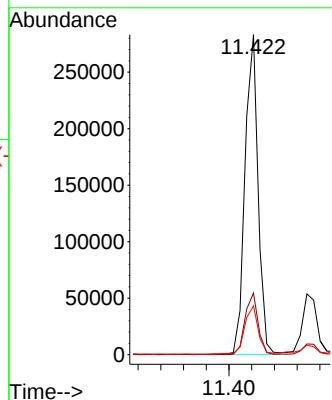
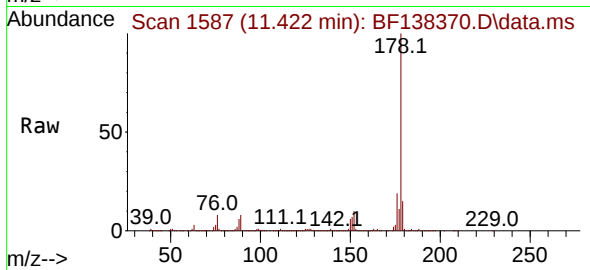




#71
Phenanthrene
Concen: 8.028 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF138370.D
Acq: 27 Jun 2024 17:07

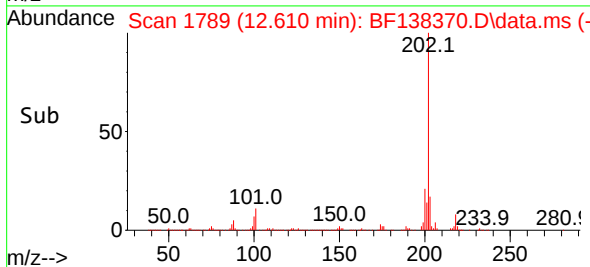
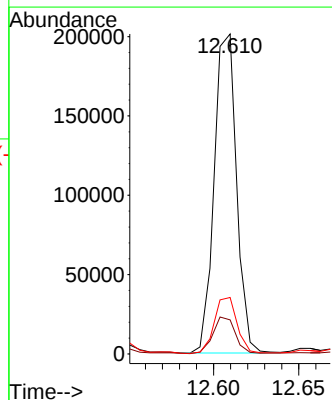
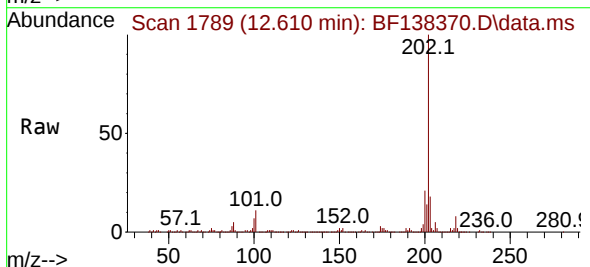
Instrument :
BNA_F
ClientSampleId :
EO-01-062424

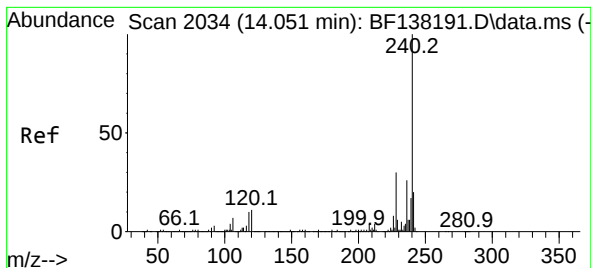
Tgt Ion:178 Resp: 226280
Ion Ratio Lower Upper
178 100
176 19.2 16.4 24.6
179 15.3 13.1 19.7



#75
Fluoranthene
Concen: 6.394 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.018 min
Lab File: BF138370.D
Acq: 27 Jun 2024 17:07

Tgt Ion:202 Resp: 183770
Ion Ratio Lower Upper
202 100
101 10.7 0.0 31.8
203 17.6 0.0 38.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.018 min

Lab File: BF138370.D

Acq: 27 Jun 2024 17:07

Instrument :

BNA_F

ClientSampleId :

EO-01-062424

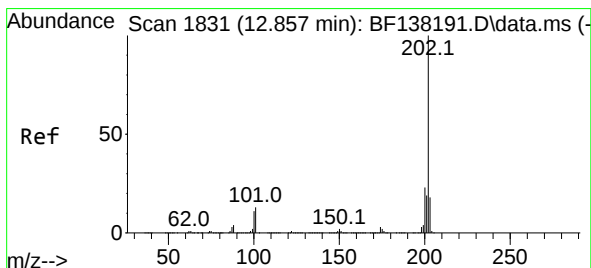
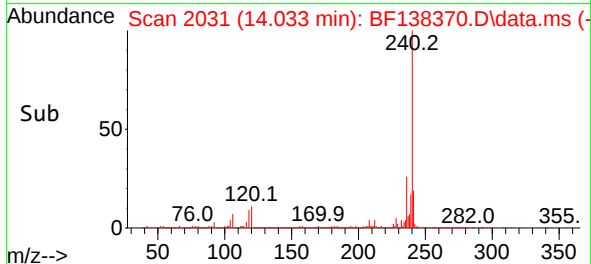
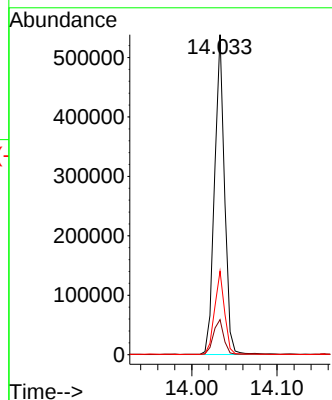
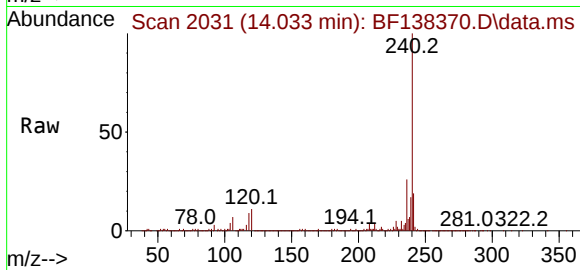
Tgt Ion:240 Resp: 437640

Ion Ratio Lower Upper

240 100

120 11.0 9.2 13.8

236 26.1 21.0 31.6



#78

Pyrene

Concen: 7.527 ng

RT: 12.839 min Scan# 1828

Delta R.T. -0.018 min

Lab File: BF138370.D

Acq: 27 Jun 2024 17:07

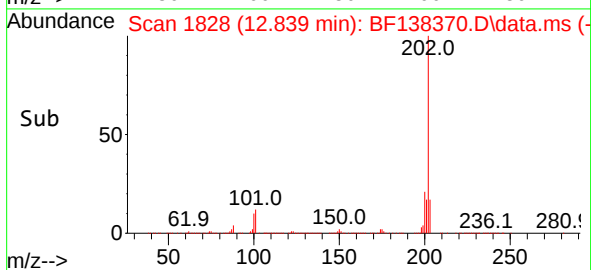
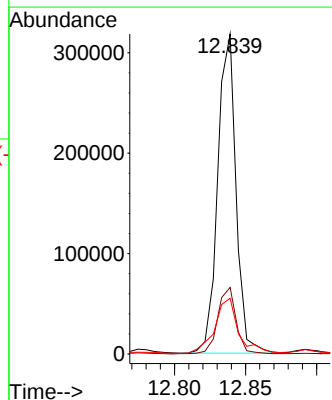
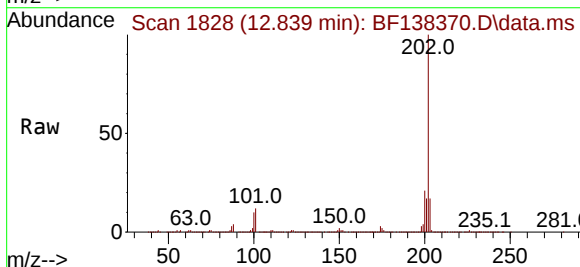
Tgt Ion:202 Resp: 284153

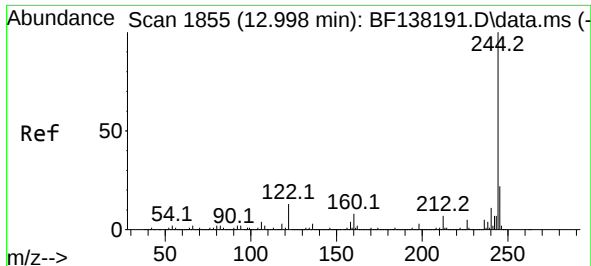
Ion Ratio Lower Upper

202 100

200 20.8 18.0 27.0

203 17.4 14.7 22.1

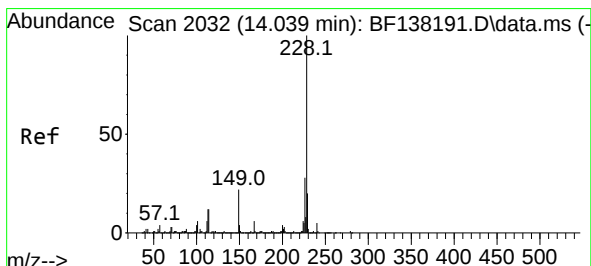
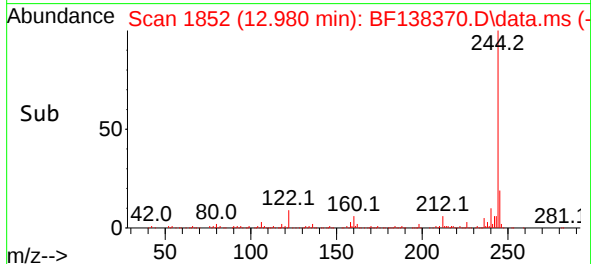
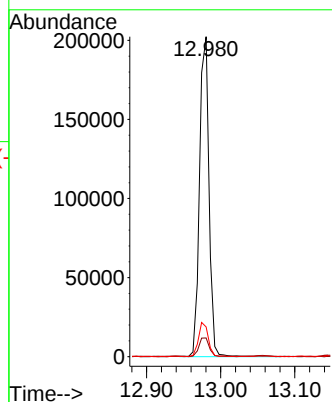
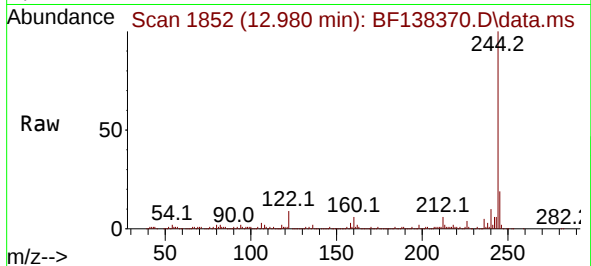




#79
 Terphenyl-d14
 Concen: 6.479 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.018 min
 Lab File: BF138370.D
 Acq: 27 Jun 2024 17:07

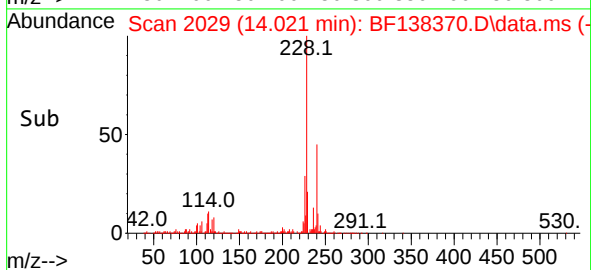
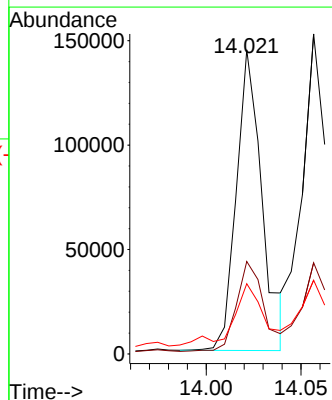
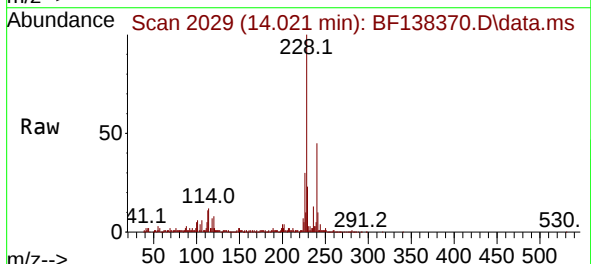
Instrument :
 BNA_F
 ClientSampleId :
 EO-01-062424

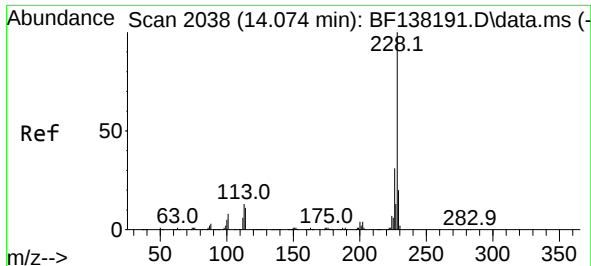
Tgt Ion:244 Resp: 179030
 Ion Ratio Lower Upper
 244 100
 212 5.9 5.9 8.9#
 122 9.3 10.6 15.8#



#81
 Benzo(a)anthracene
 Concen: 4.829 ng
 RT: 14.021 min Scan# 2029
 Delta R.T. -0.018 min
 Lab File: BF138370.D
 Acq: 27 Jun 2024 17:07

Tgt Ion:228 Resp: 135595
 Ion Ratio Lower Upper
 228 100
 226 30.4 22.5 33.7
 229 23.1 16.3 24.5





#83

Chrysene

Concen: 5.203 ng

RT: 14.057 min Scan# 2038

Delta R.T. -0.018 min

Lab File: BF138370.D

Acq: 27 Jun 2024 17:07

Instrument :

BNA_F

ClientSampleId :

EO-01-062424

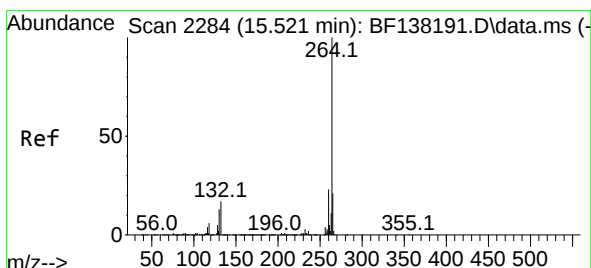
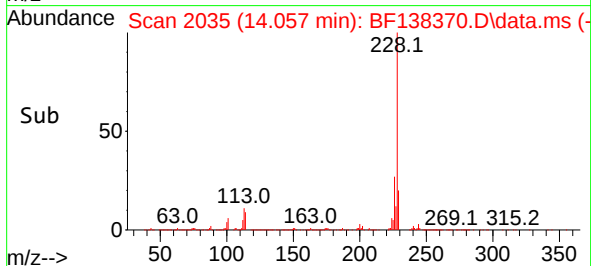
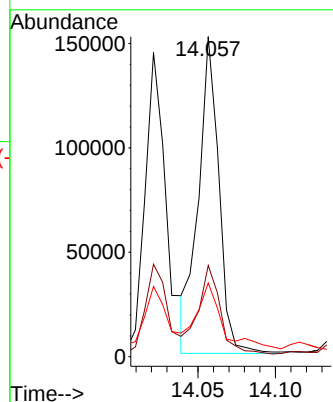
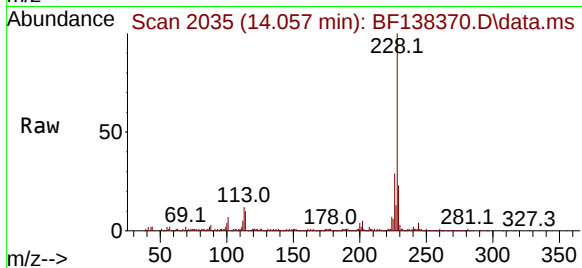
Tgt Ion:228 Resp: 139246

Ion Ratio Lower Upper

228 100

226 28.5 24.5 36.7

229 23.0 16.3 24.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2281

Delta R.T. -0.018 min

Lab File: BF138370.D

Acq: 27 Jun 2024 17:07

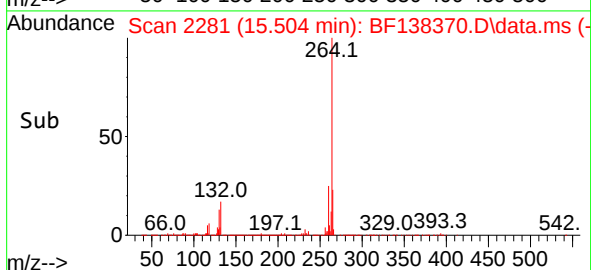
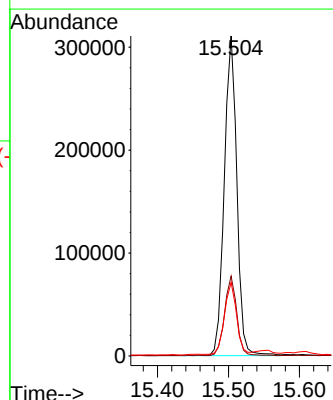
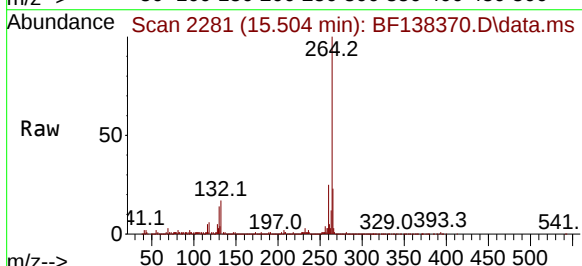
Tgt Ion:264 Resp: 378842

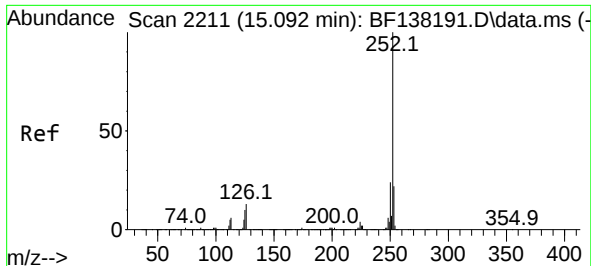
Ion Ratio Lower Upper

264 100

260 25.0 18.7 28.1

265 23.0 17.0 25.6

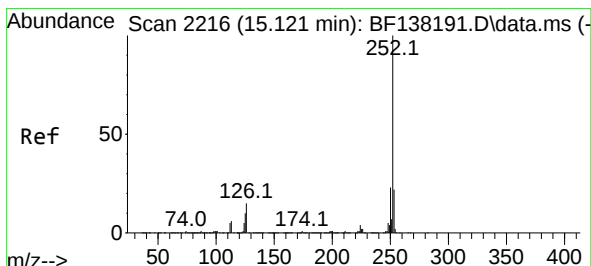
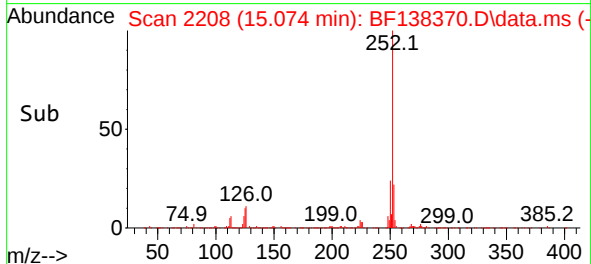
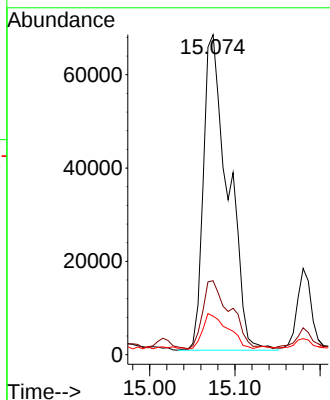
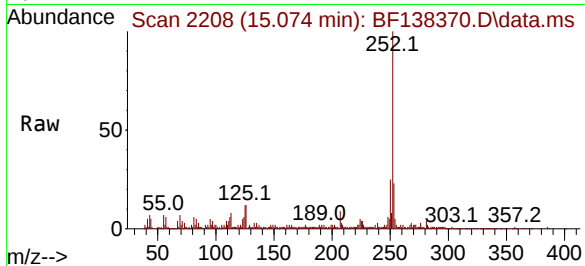




#88
Benzo(b)fluoranthene
Concen: 6.094 ng
RT: 15.074 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF138370.D
Acq: 27 Jun 2024 17:07

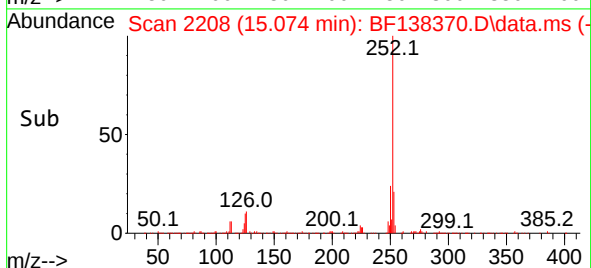
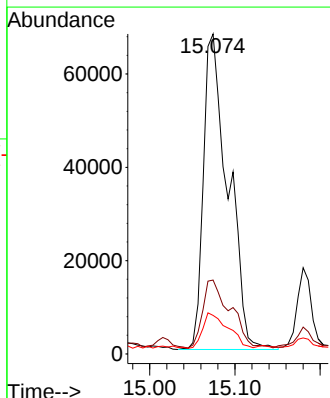
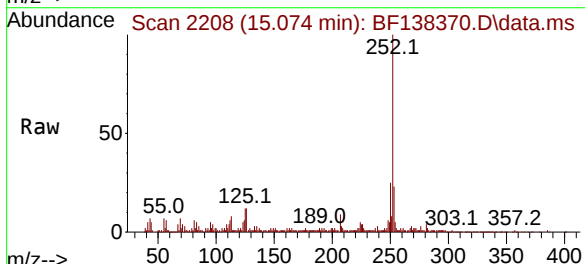
Instrument :
BNA_F
ClientSampleId :
EO-01-062424

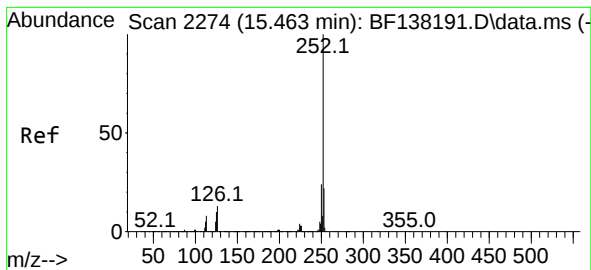
Tgt Ion:252 Resp: 136135
Ion Ratio Lower Upper
252 100
253 23.1 17.7 26.5
125 12.0 7.8 11.8#



#89
Benzo(k)fluoranthene
Concen: 6.218 ng
RT: 15.074 min Scan# 2208
Delta R.T. -0.047 min
Lab File: BF138370.D
Acq: 27 Jun 2024 17:07

Tgt Ion:252 Resp: 136135
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.8
125 12.0 8.0 12.0#





#90

Benzo(a)pyrene

Concen: 4.395 ng

RT: 15.439 min Scan# 21

Delta R.T. -0.024 min

Lab File: BF138370.D

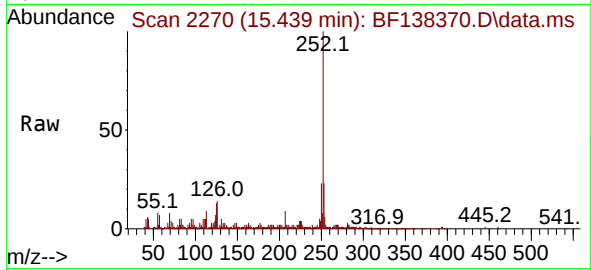
Acq: 27 Jun 2024 17:07

Instrument :

BNA_F

ClientSampleId :

EO-01-062424



Tgt Ion:252 Resp: 84349

Ion Ratio Lower Upper

252 100

253 22.8 17.7 26.5

125 12.9 8.2 12.2#

