

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061724\
 Data File : BF138215.D
 Acq On : 17 Jun 2024 20:25
 Operator : CG\JU
 Sample : P2847-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EXT-PE1

Quant Time: Jun 18 00:55:16 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

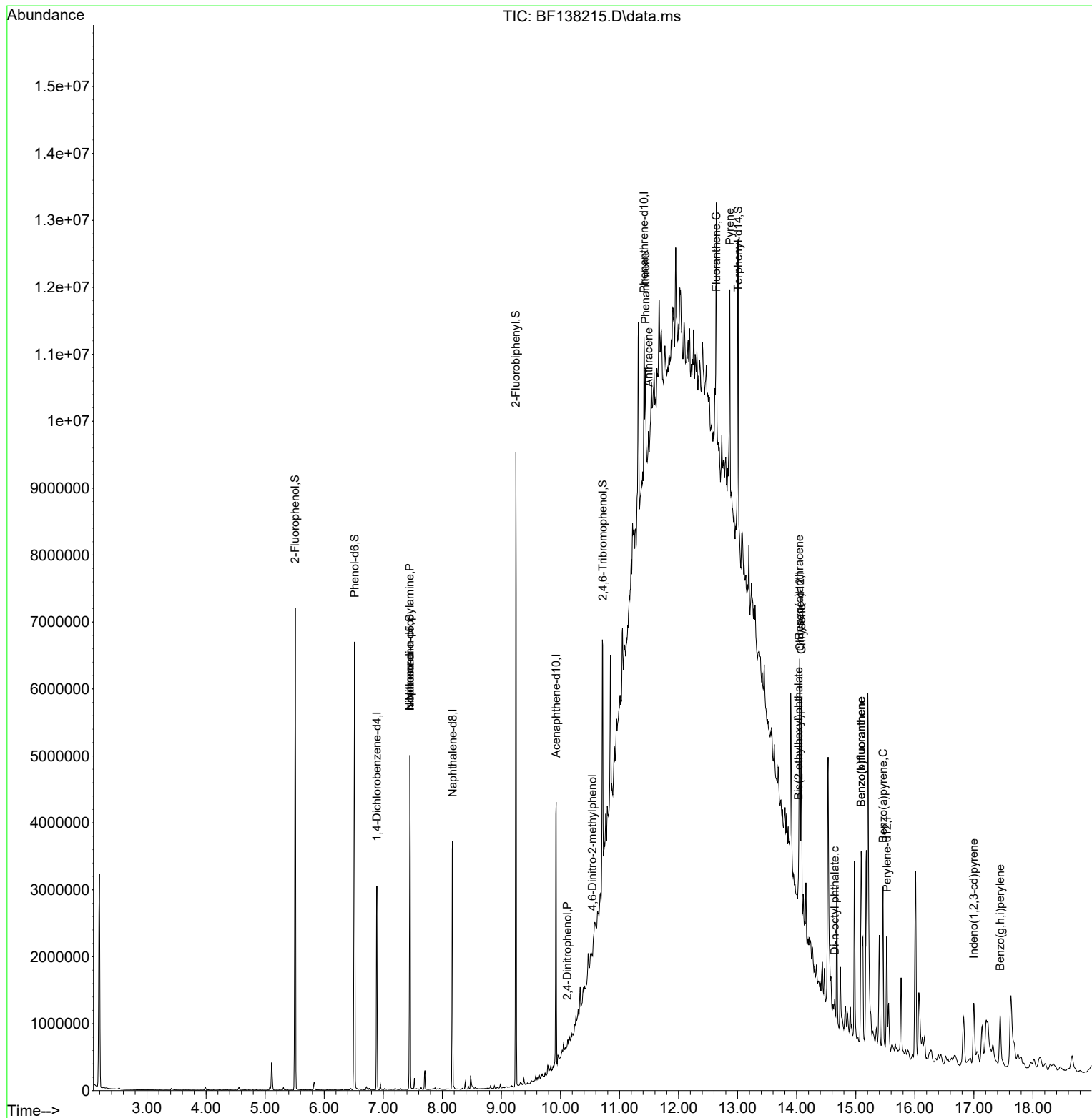
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	435021	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	1647372	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	813328	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	949747	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	824660	20.000	ng	0.00
86) Perylene-d12	15.527	264	815453	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	2090846	80.401	ng	0.00
7) Phenol-d6	6.516	99	2578285	78.188	ng	0.00
23) Nitrobenzene-d5	7.451	82	1605379	56.732	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	545982	67.431	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2823466	55.202	ng	0.00
79) Terphenyl-d14	13.010	244	2063533	39.632	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	212035	10.848	ng	# 80
25) Isophorone	7.451	82	1596852	31.198	ng	# 62
54) 2,4-Dinitrophenol	10.116	184	58	4.218	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.539	198	512	7.025	ng	# 1
71) Phenanthrene	11.439	178	643093	13.692	ng	# 92
72) Anthracene	11.492	178	112078	2.403	ng	# 68
75) Fluoranthene	12.639	202	1781438	37.195	ng	99
78) Pyrene	12.868	202	1631751	22.940	ng	98
81) Benzo(a)anthracene	14.045	228	1072744	20.276	ng	98
83) Chrysene	14.080	228	1208139	23.957	ng	98
84) Bis(2-ethylhexyl)phtha...	14.033	149	122339	5.436	ng	97
85) Di-n-octyl phthalate	14.645	149	87980	2.632	ng	# 77
87) Indeno(1,2,3-cd)pyrene	16.998	276	656871	12.357	ng	96
88) Benzo(b)fluoranthene	15.092	252	2300629	47.842	ng	# 96
89) Benzo(k)fluoranthene	15.092	252	2300629	48.817	ng	# 97
90) Benzo(a)pyrene	15.462	252	1014302	24.552	ng	# 98
92) Benzo(g,h,i)perylene	17.445	276	620923	13.756	ng	98

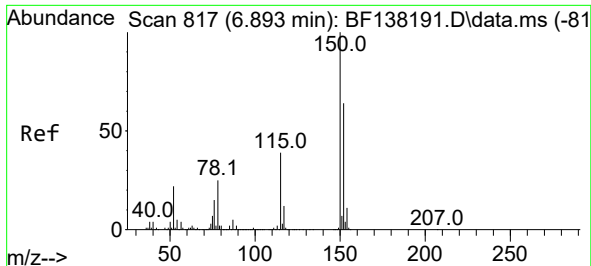
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 18 00:55:16 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 01:52:47 2024
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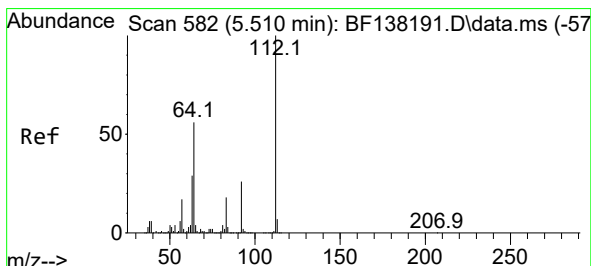
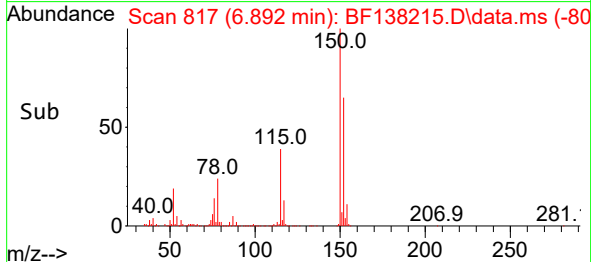
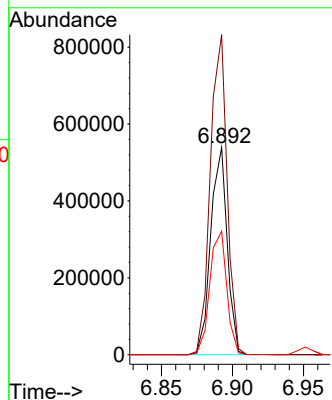
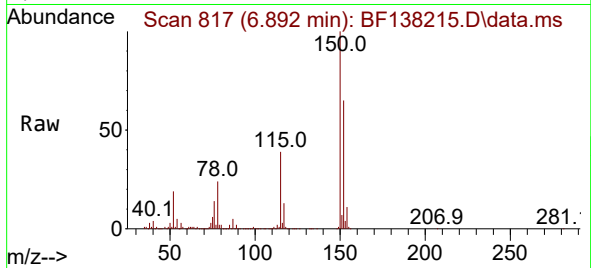




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 817
 Delta R.T. -0.001 min
 Lab File: BF138215.D
 Acq: 17 Jun 2024 20:25

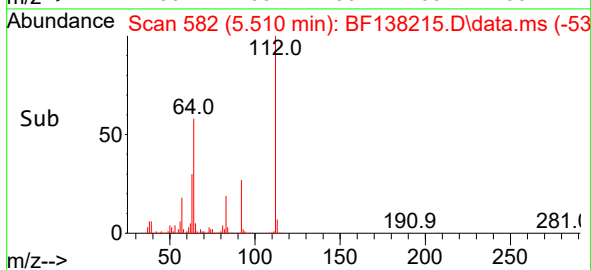
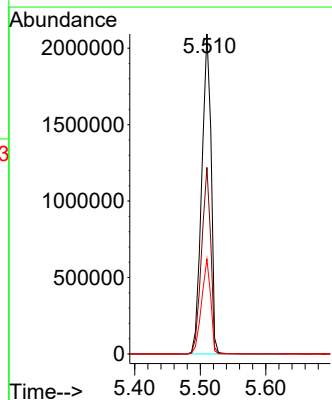
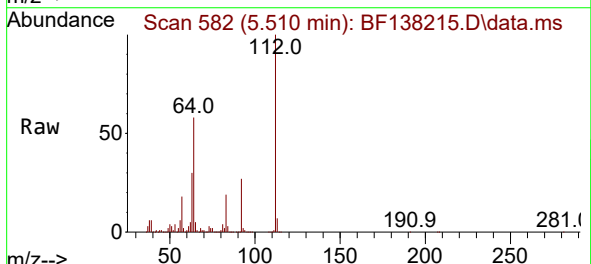
Instrument :
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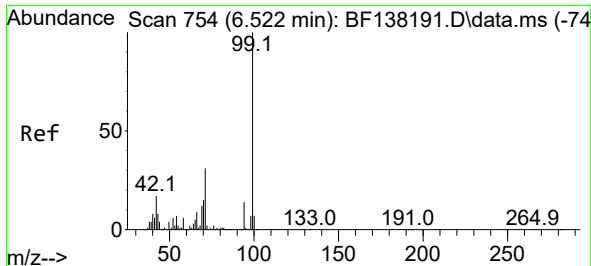
Tgt Ion:152 Resp: 435021
 Ion Ratio Lower Upper
 152 100
 150 154.4 125.0 187.4
 115 59.5 48.4 72.6



#5
 2-Fluorophenol
 Concen: 80.401 ng
 RT: 5.510 min Scan# 582
 Delta R.T. -0.000 min
 Lab File: BF138215.D
 Acq: 17 Jun 2024 20:25

Tgt Ion:112 Resp: 2090846
 Ion Ratio Lower Upper
 112 100
 64 58.3 45.2 67.8
 63 29.7 22.9 34.3





#7

Phenol-d6

Concen: 78.188 ng

RT: 6.516 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF138215.D

Acq: 17 Jun 2024 20:25

Instrument :

BNA_F

ClientSampleId :

EXT-PE1

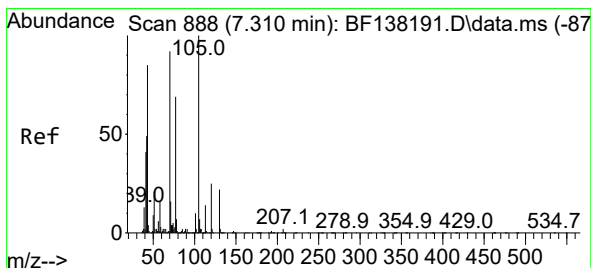
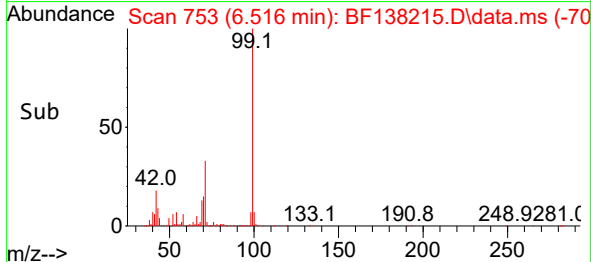
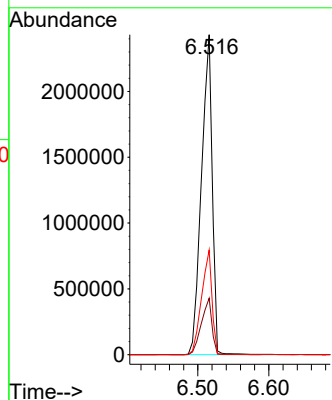
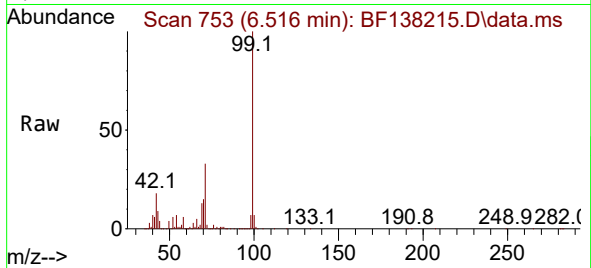
Tgt Ion: 99 Resp: 2578285

Ion Ratio Lower Upper

99 100

42 17.7 13.7 20.5

71 32.7 25.0 37.6



#19

n-Nitroso-di-n-propylamine

Concen: 10.848 ng

RT: 7.451 min Scan# 912

Delta R.T. 0.141 min

Lab File: BF138215.D

Acq: 17 Jun 2024 20:25

Tgt Ion: 70 Resp: 212035

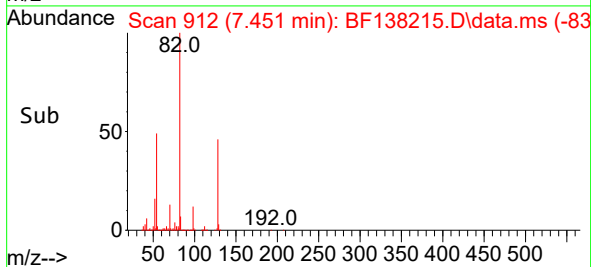
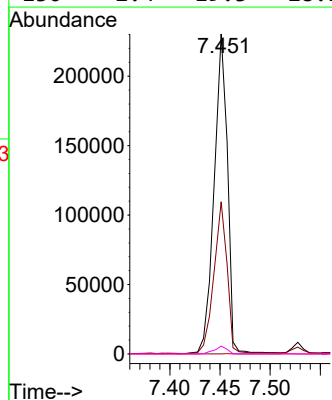
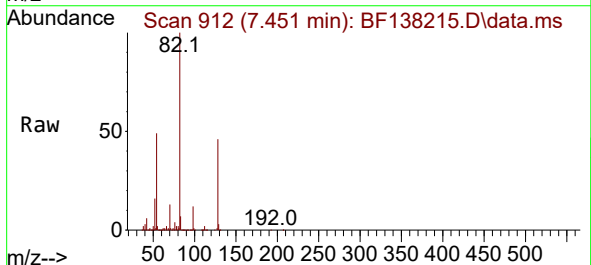
Ion Ratio Lower Upper

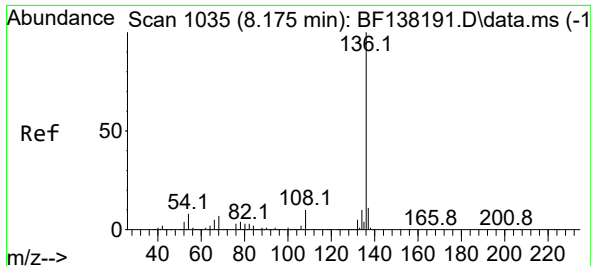
70 100

42 47.6 42.8 64.2

101 0.0 8.4 12.6#

130 2.4 19.3 28.9#

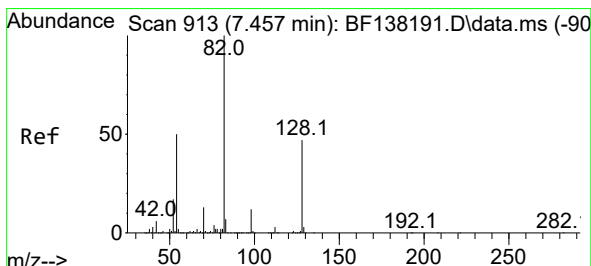
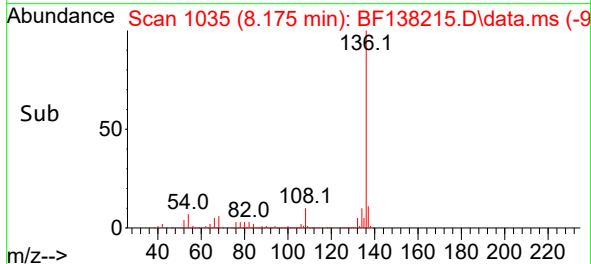
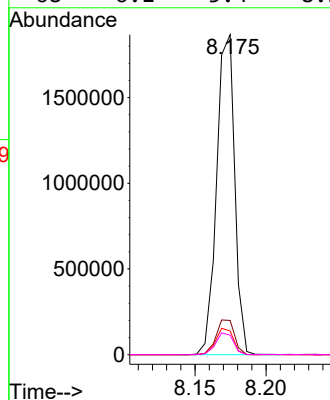
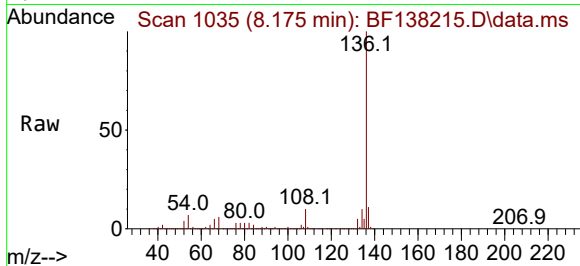




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF138215.D
Acq: 17 Jun 2024 20:25

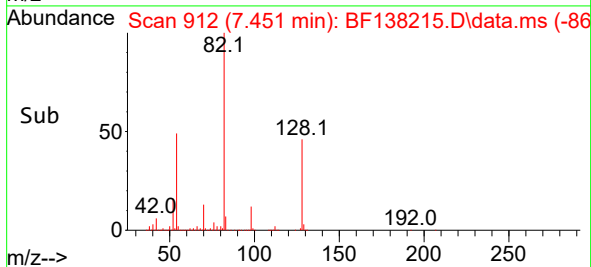
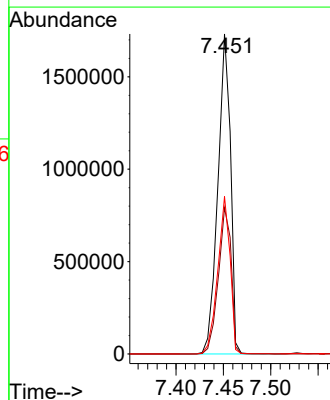
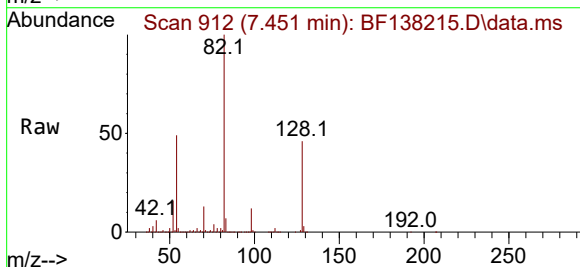
Instrument :
BNA_F
ClientSampleId :
EXT-PE1

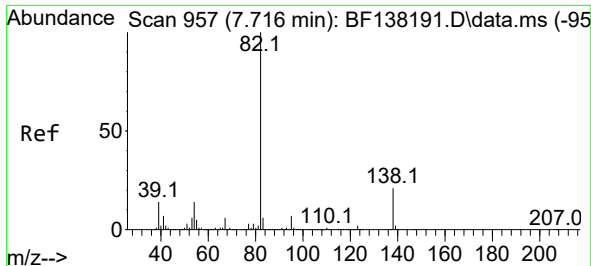
Tgt Ion:136 Resp: 1647372
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 7.4 6.6 10.0
68 6.1 5.4 8.2



#23
Nitrobenzene-d5
Concen: 56.732 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF138215.D
Acq: 17 Jun 2024 20:25

Tgt Ion: 82 Resp: 1605379
Ion Ratio Lower Upper
82 100
128 45.7 37.2 55.8
54 49.2 39.8 59.6

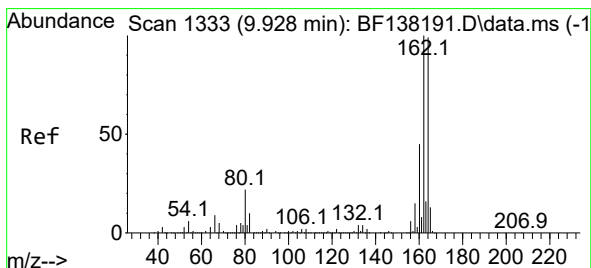
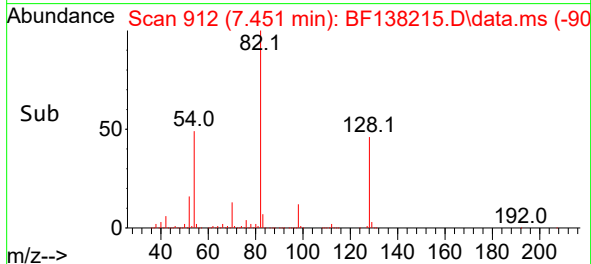
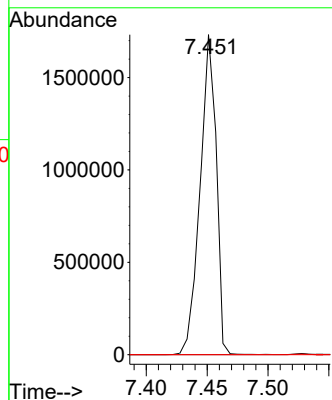
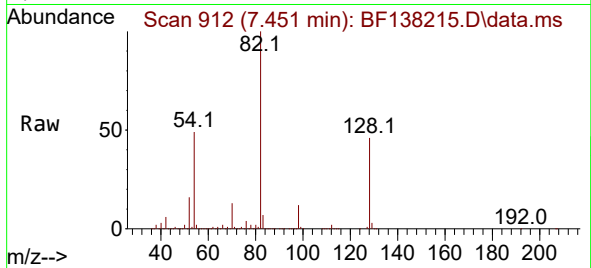




#25
Isophorone
Concen: 31.198 ng
RT: 7.451 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF138215.D
Acq: 17 Jun 2024 20:25

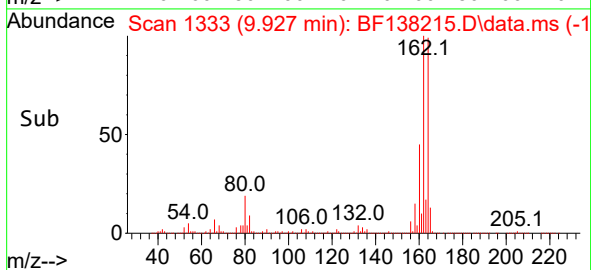
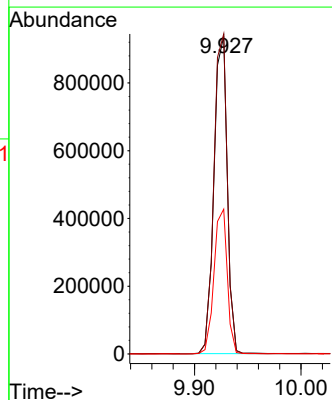
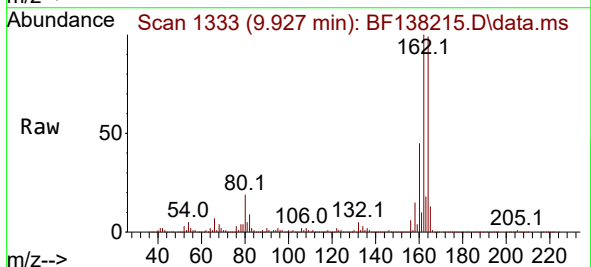
Instrument :
BNA_F
ClientSampleId :
EXT-PE1

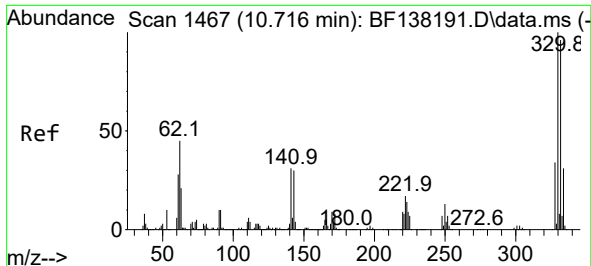
Tgt Ion: 82 Resp: 1596852
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 16.4 24.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF138215.D
Acq: 17 Jun 2024 20:25

Tgt Ion:164 Resp: 813328
Ion Ratio Lower Upper
164 100
162 100.8 80.6 121.0
160 45.6 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 67.431 ng

RT: 10.716 min Scan# 1467

Delta R.T. -0.000 min

Lab File: BF138215.D

Acq: 17 Jun 2024 20:25

Instrument :

BNA_F

ClientSampleId :

EXT-PE1

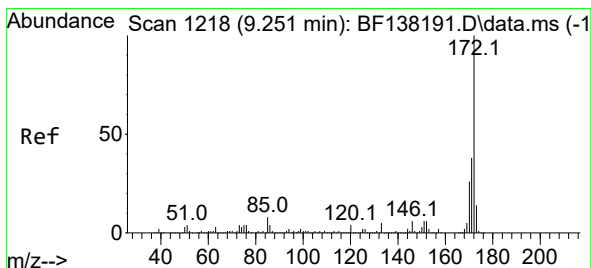
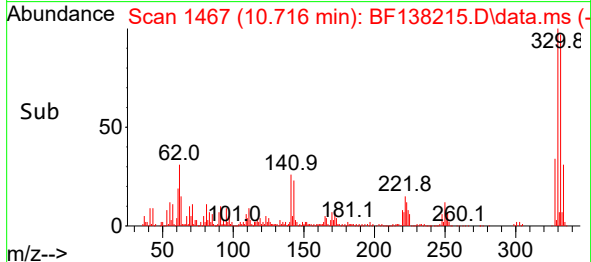
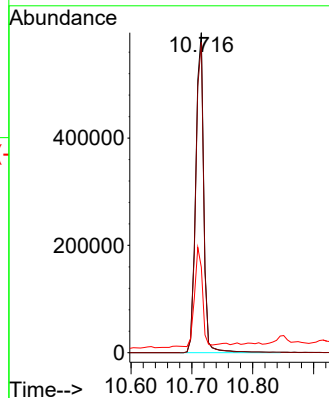
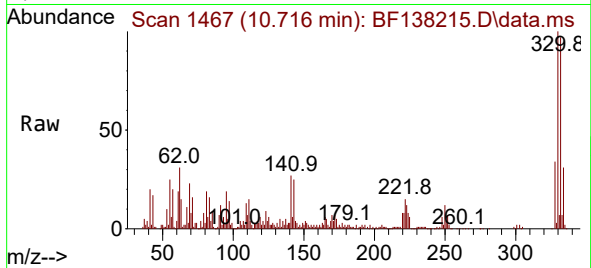
Tgt Ion:330 Resp: 545982

Ion Ratio Lower Upper

330 100

332 97.2 76.6 115.0

141 30.0 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 55.202 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF138215.D

Acq: 17 Jun 2024 20:25

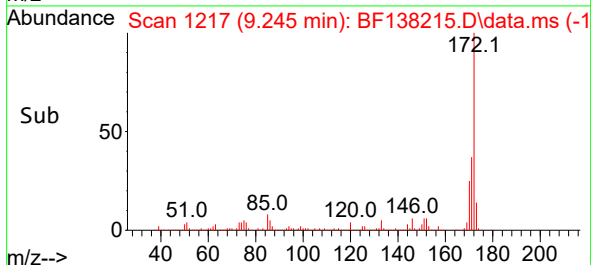
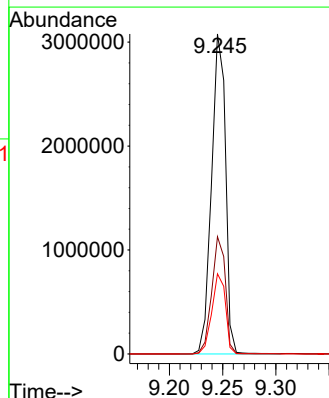
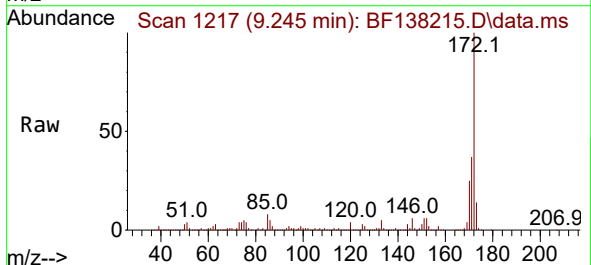
Tgt Ion:172 Resp: 2823466

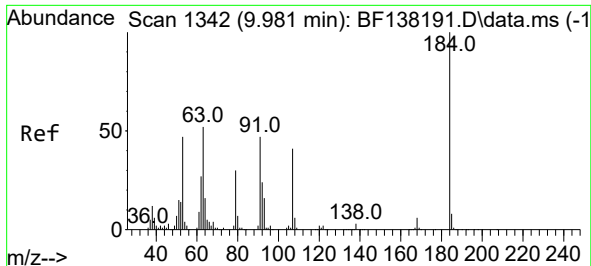
Ion Ratio Lower Upper

172 100

171 36.6 30.3 45.5

170 25.1 20.6 30.8

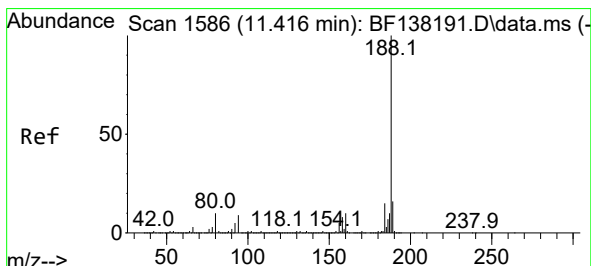
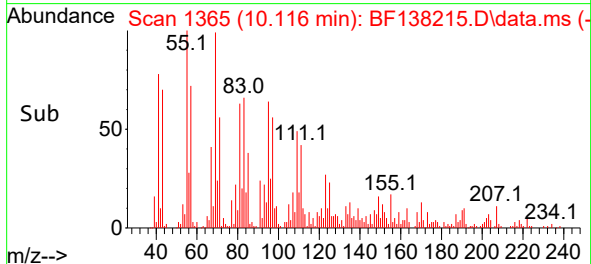
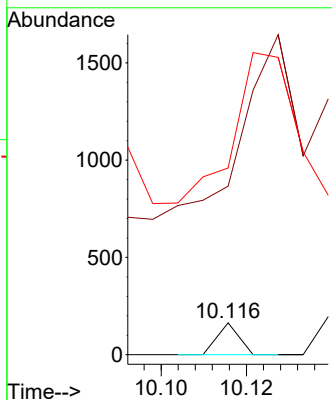
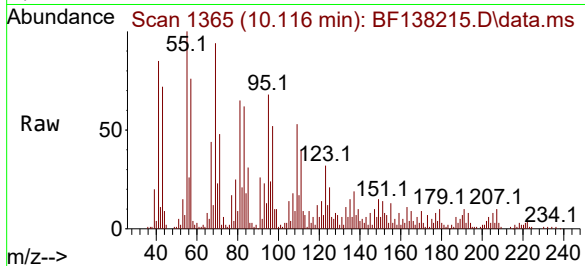




#54
2,4-Dinitrophenol
Concen: 4.218 ng
RT: 10.116 min Scan# 11
Delta R.T. 0.135 min
Lab File: BF138215.D
Acq: 17 Jun 2024 20:25

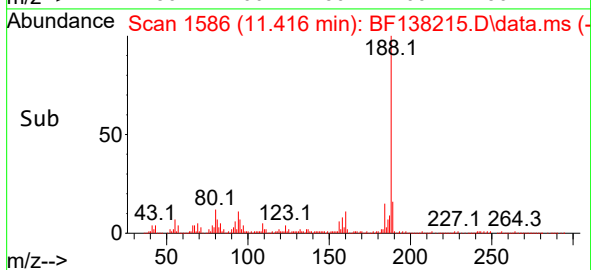
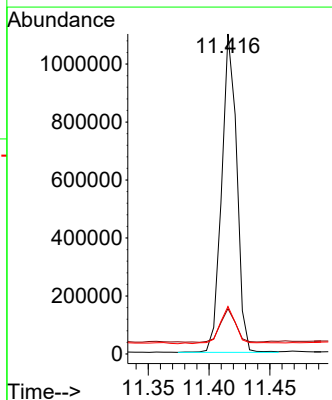
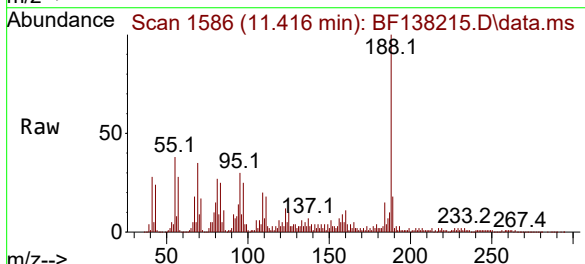
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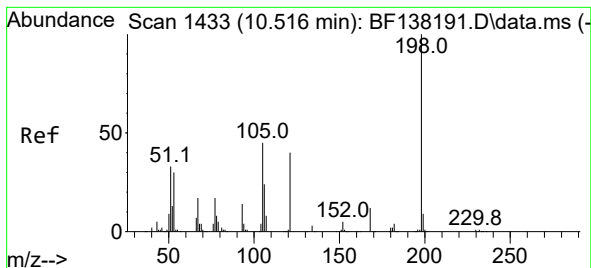
Tgt Ion:184 Resp: 58
Ion Ratio Lower Upper
184 100
63 528.0 49.2 73.8#
154 585.4 46.7 70.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF138215.D
Acq: 17 Jun 2024 20:25

Tgt Ion:188 Resp: 949747
Ion Ratio Lower Upper
188 100
94 14.1 7.6 11.4#
80 14.8 8.1 12.1#

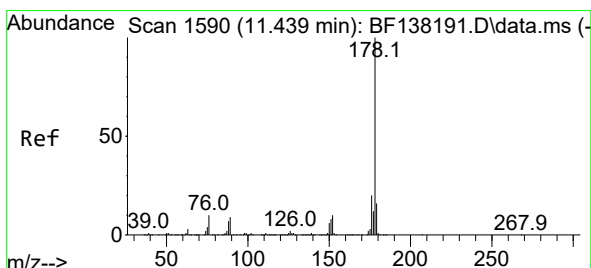
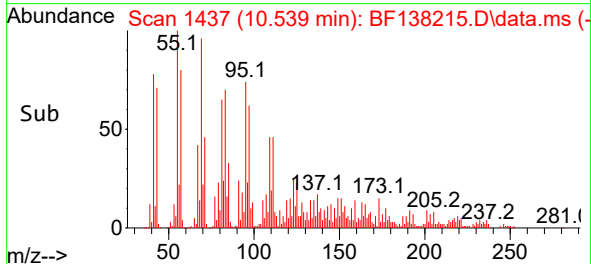
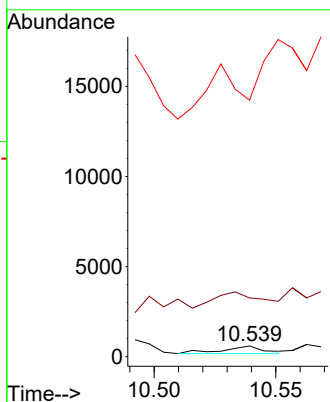
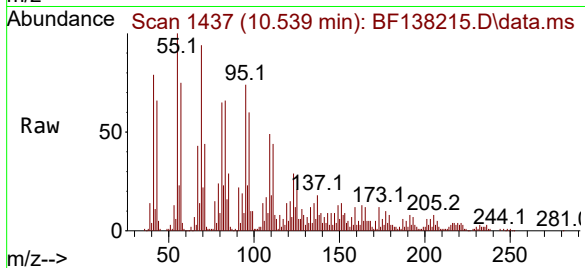




#65
4,6-Dinitro-2-methylphenol
Concen: 7.025 ng
RT: 10.539 min Scan# 1433
Delta R.T. 0.023 min
Lab File: BF138215.D
Acq: 17 Jun 2024 20:25

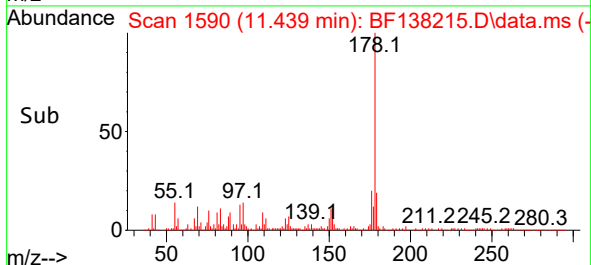
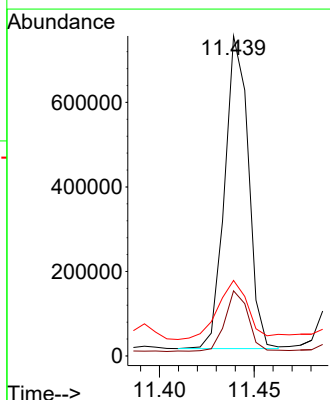
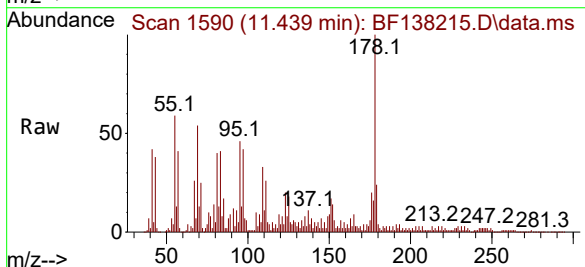
Instrument :
BNA_F
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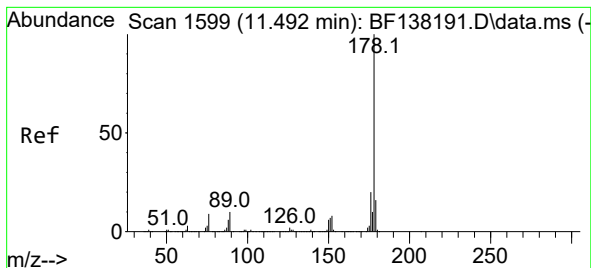
Tgt Ion:198 Resp: 512
Ion Ratio Lower Upper
198 100
51 551.8 26.9 66.9#
105 2409.0 26.0 66.0#



#71
Phenanthrene
Concen: 13.692 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BF138215.D
Acq: 17 Jun 2024 20:25

Tgt Ion:178 Resp: 643093
Ion Ratio Lower Upper
178 100
176 20.4 16.4 24.6
179 23.6 13.1 19.7#





#72

Anthracene

Concen: 2.403 ng

RT: 11.492 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF138215.D

Acq: 17 Jun 2024 20:25

Instrument :

BNA_F

ClientSampleId :

EXT-PE1

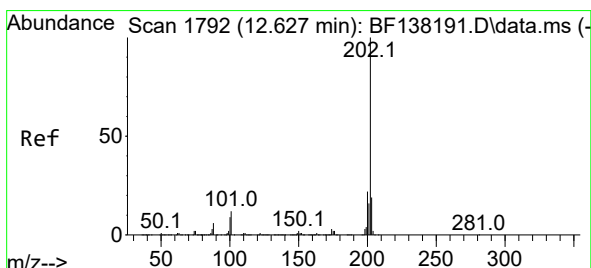
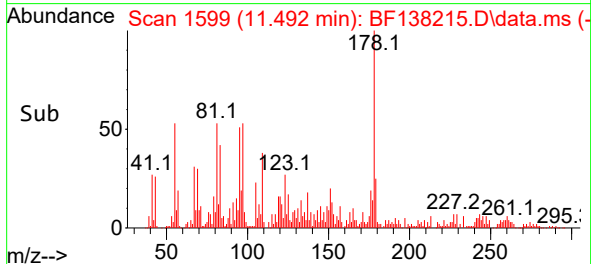
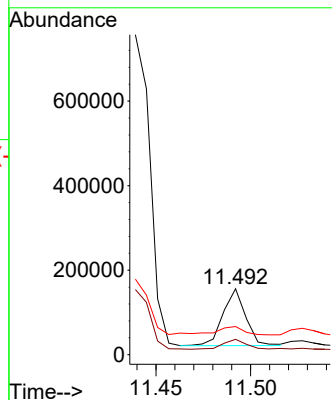
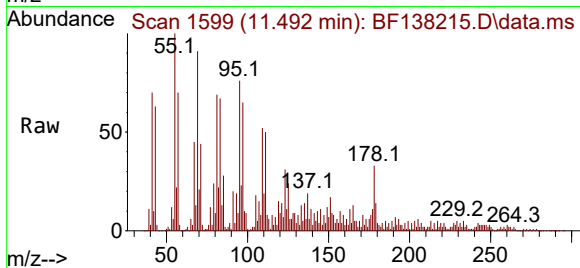
Tgt Ion:178 Resp: 112078

Ion Ratio Lower Upper

178 100

176 23.3 15.7 23.5

179 42.7 13.0 19.6#



#75

Fluoranthene

Concen: 37.195 ng

RT: 12.639 min Scan# 1794

Delta R.T. 0.012 min

Lab File: BF138215.D

Acq: 17 Jun 2024 20:25

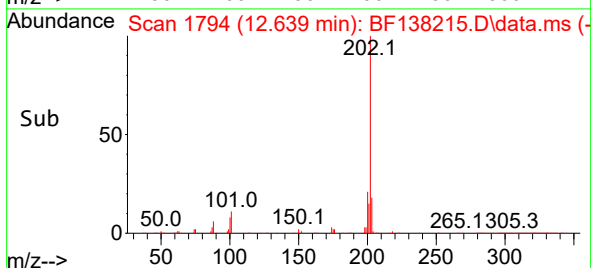
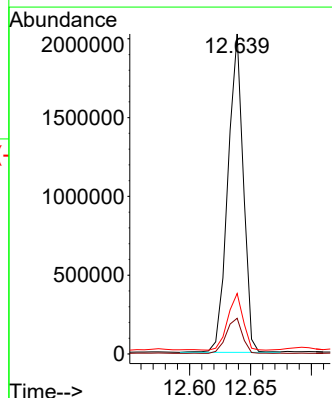
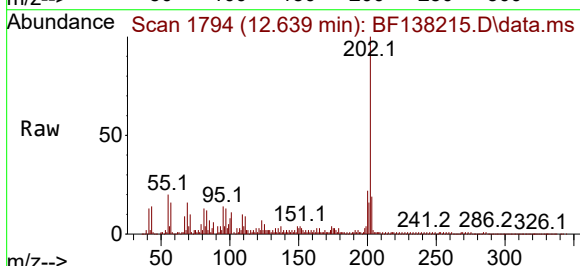
Tgt Ion:202 Resp: 1781438

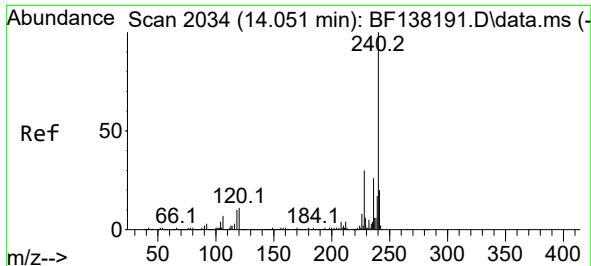
Ion Ratio Lower Upper

202 100

101 11.2 0.0 31.8

203 18.9 0.0 38.6

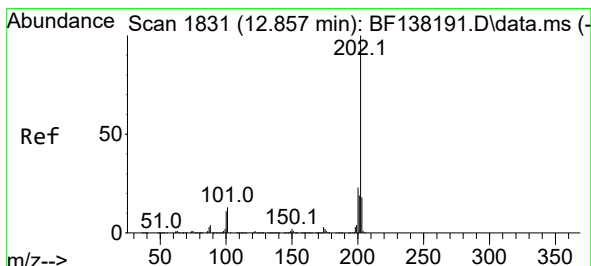
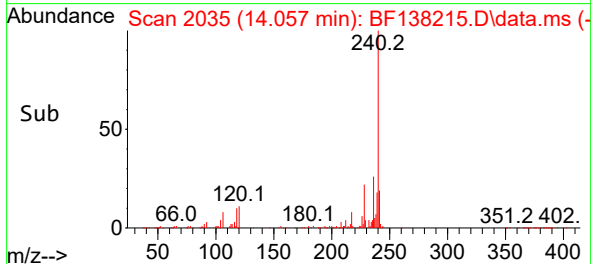
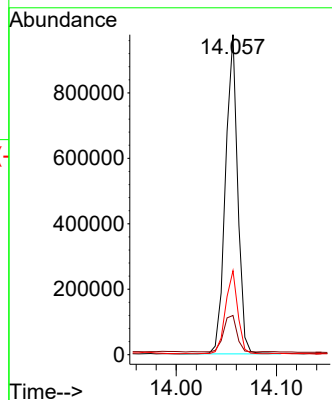
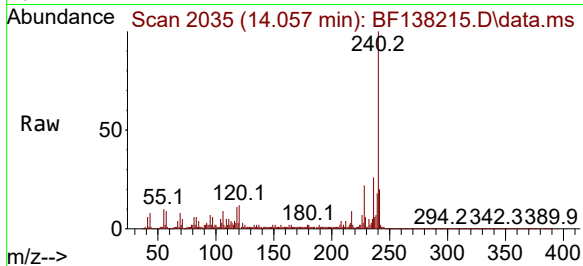




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF138215.D
Acq: 17 Jun 2024 20:25

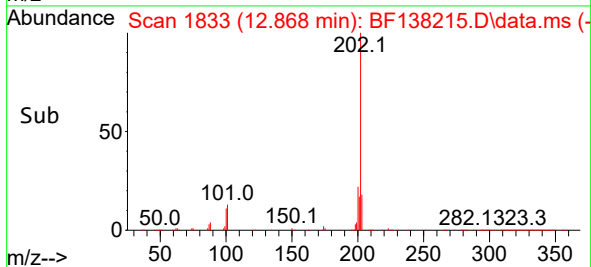
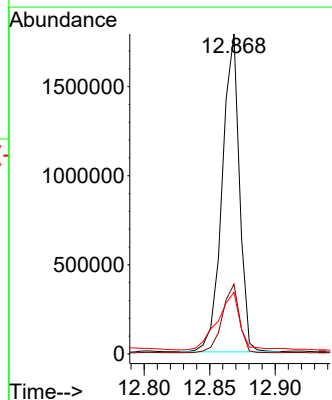
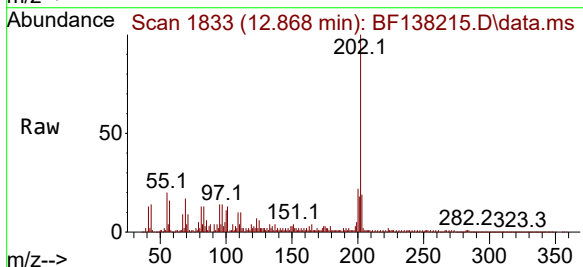
Instrument :
BNA_F
ClientSampleId :
EXT-PE1

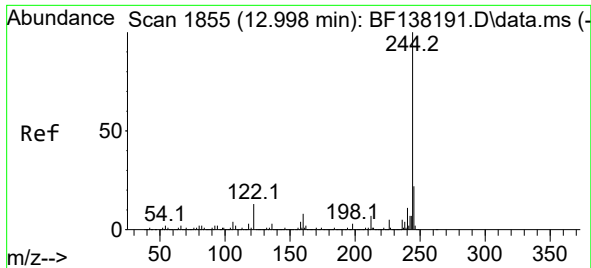
Tgt Ion:240 Resp: 824660
Ion Ratio Lower Upper
240 100
120 12.3 9.2 13.8
236 26.3 21.0 31.6



#78
Pyrene
Concen: 22.940 ng
RT: 12.868 min Scan# 1833
Delta R.T. 0.012 min
Lab File: BF138215.D
Acq: 17 Jun 2024 20:25

Tgt Ion:202 Resp: 1631751
Ion Ratio Lower Upper
202 100
200 21.8 18.0 27.0
203 19.3 14.7 22.1

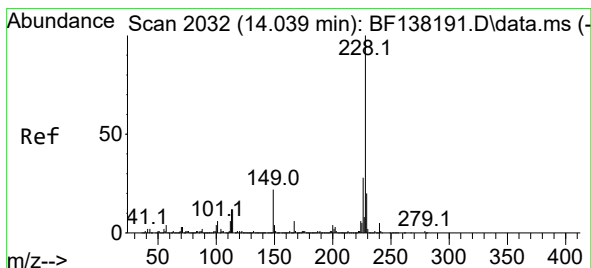
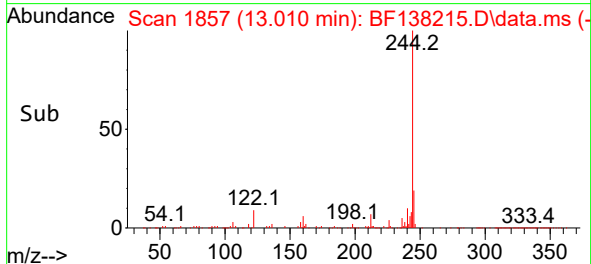
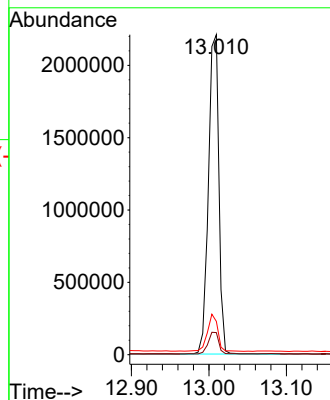
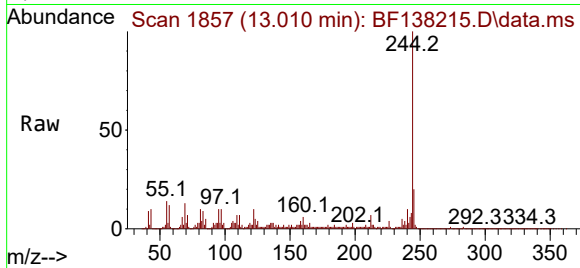




#79
 Terphenyl-d14
 Concen: 39.632 ng
 RT: 13.010 min Scan# 1857
 Delta R.T. 0.012 min
 Lab File: BF138215.D
 Acq: 17 Jun 2024 20:25

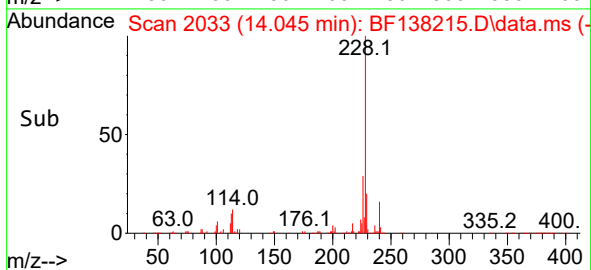
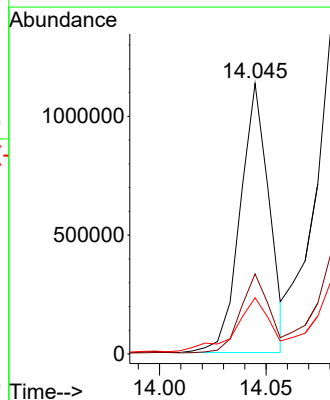
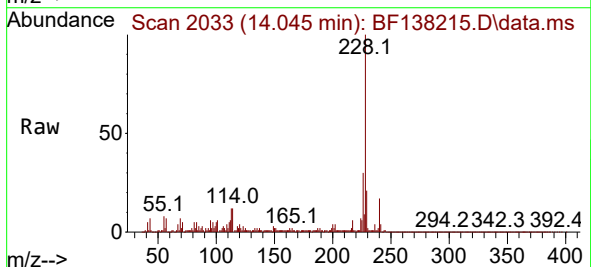
Instrument :
 BNA_F
 ClientSampleId :
 EXT-PE1

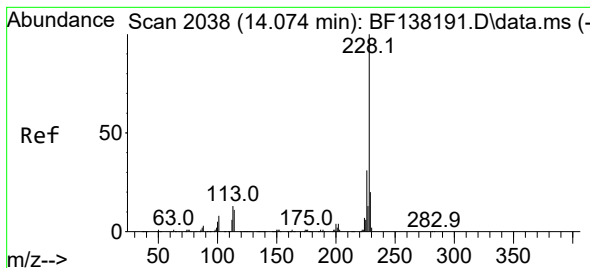
Tgt Ion:244 Resp: 2063533
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 10.4 10.6 15.8#



#81
 Benzo(a)anthracene
 Concen: 20.276 ng
 RT: 14.045 min Scan# 2033
 Delta R.T. 0.006 min
 Lab File: BF138215.D
 Acq: 17 Jun 2024 20:25

Tgt Ion:228 Resp: 1072744
 Ion Ratio Lower Upper
 228 100
 226 29.6 22.5 33.7
 229 20.8 16.3 24.5





#83

Chrysene

Concen: 23.957 ng

RT: 14.080 min Scan# 2039

Delta R.T. 0.006 min

Lab File: BF138215.D

Acq: 17 Jun 2024 20:25

Instrument :

BNA_F

ClientSampleId :

EXT-PE1

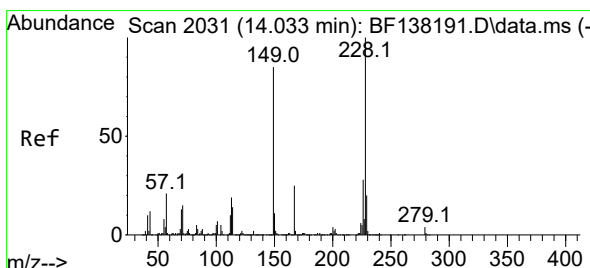
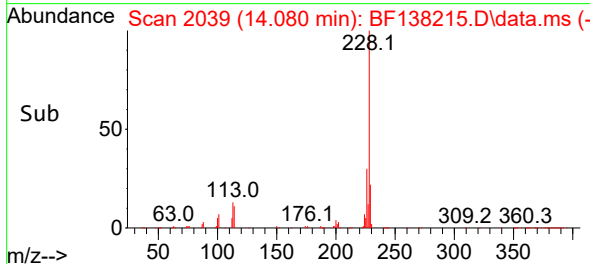
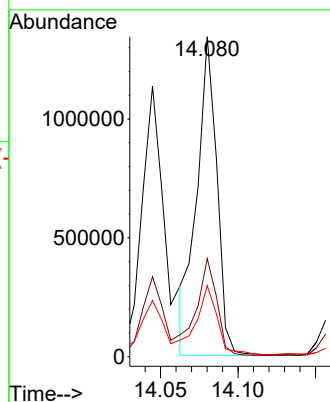
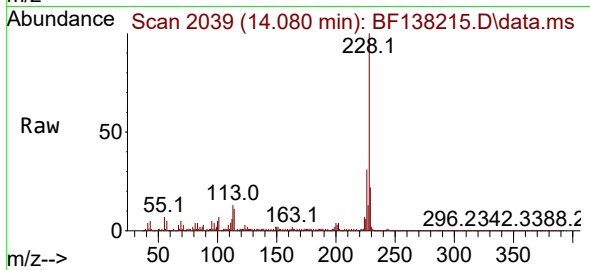
Tgt Ion:228 Resp: 1208139

Ion Ratio Lower Upper

228 100

226 30.7 24.5 36.7

229 22.2 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.436 ng

RT: 14.033 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF138215.D

Acq: 17 Jun 2024 20:25

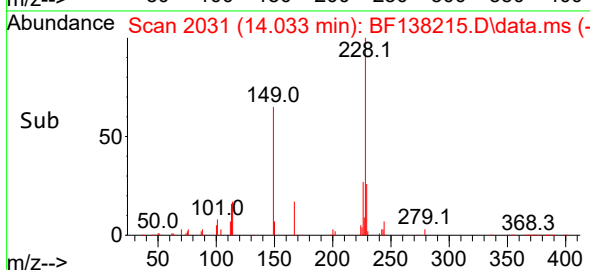
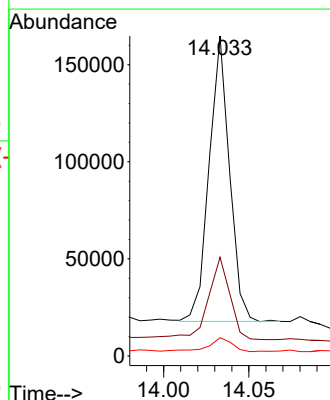
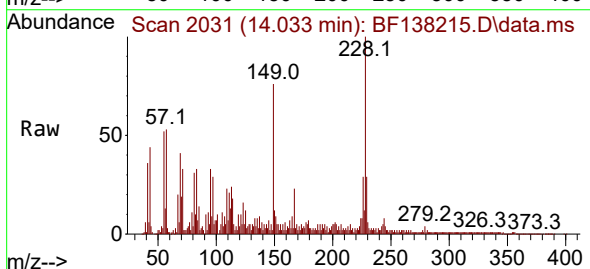
Tgt Ion:149 Resp: 122339

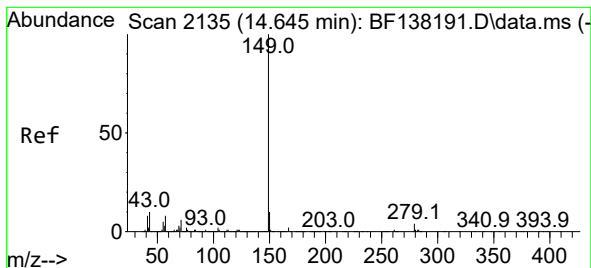
Ion Ratio Lower Upper

149 100

167 30.9 23.5 35.3

279 5.7 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 2.632 ng

RT: 14.645 min Scan# 2135

Delta R.T. -0.000 min

Lab File: BF138215.D

Acq: 17 Jun 2024 20:25

Instrument :

BNA_F

ClientSampleId :

EXT-PE1

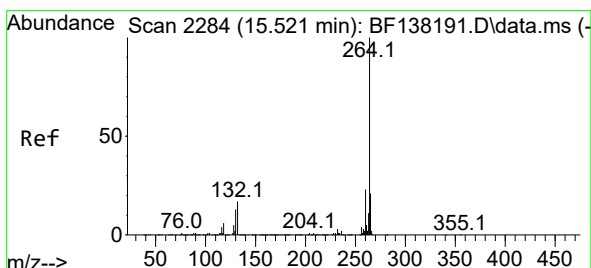
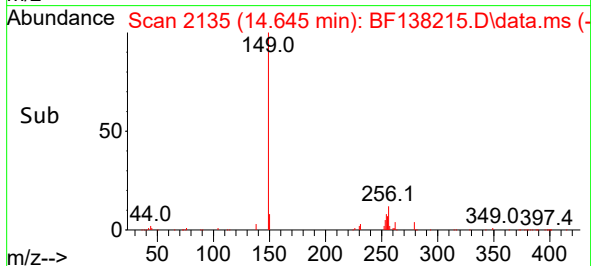
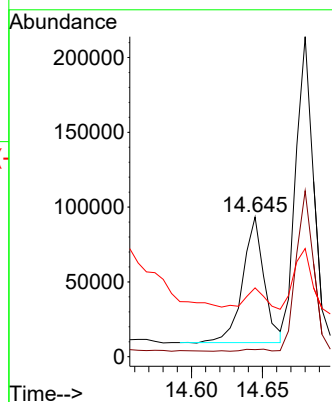
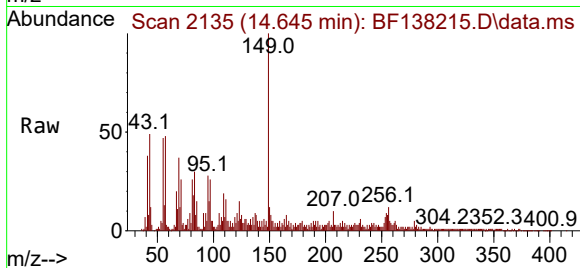
Tgt Ion:149 Resp: 87980

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

43 0.0 7.8 11.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2285

Delta R.T. 0.006 min

Lab File: BF138215.D

Acq: 17 Jun 2024 20:25

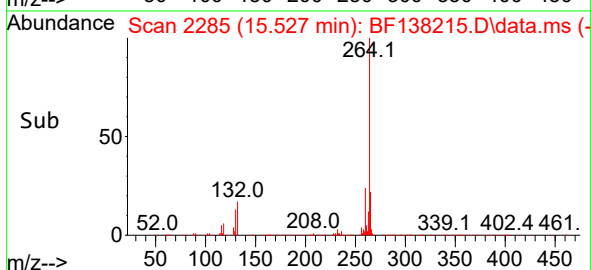
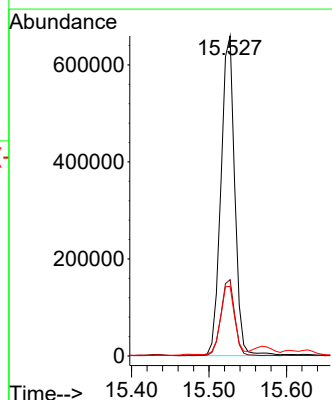
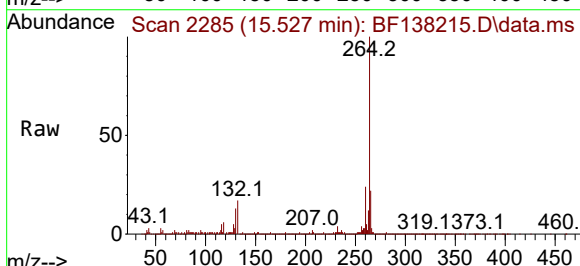
Tgt Ion:264 Resp: 815453

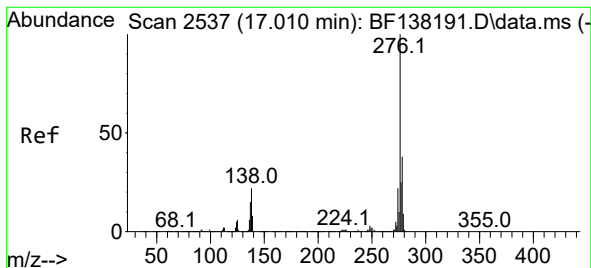
Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 21.8 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 12.357 ng

RT: 16.998 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF138215.D

Acq: 17 Jun 2024 20:25

Instrument :

BNA_F

ClientSampleId :

EXT-PE1

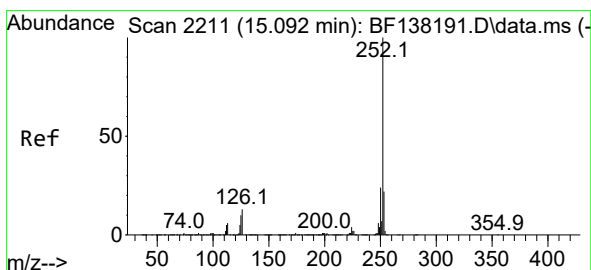
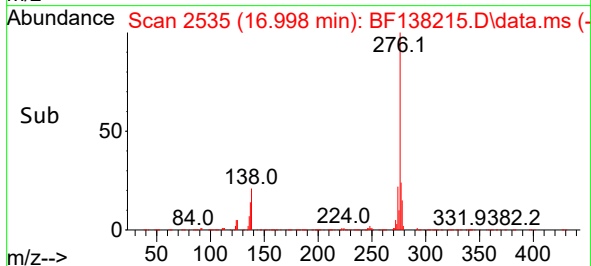
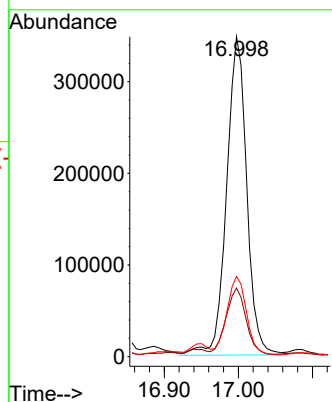
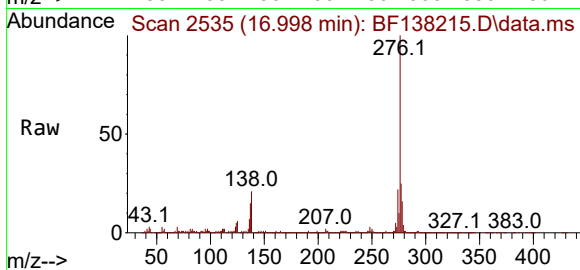
Tgt Ion:276 Resp: 656871

Ion Ratio Lower Upper

276 100

138 21.0 19.3 28.9

277 24.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 47.842 ng

RT: 15.092 min Scan# 2211

Delta R.T. -0.000 min

Lab File: BF138215.D

Acq: 17 Jun 2024 20:25

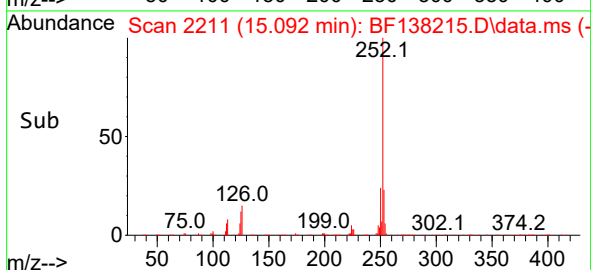
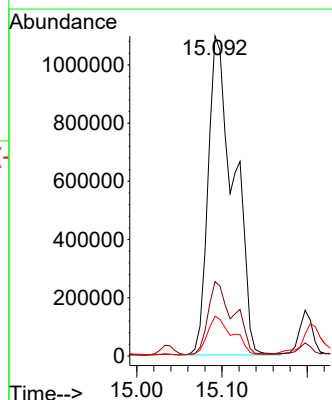
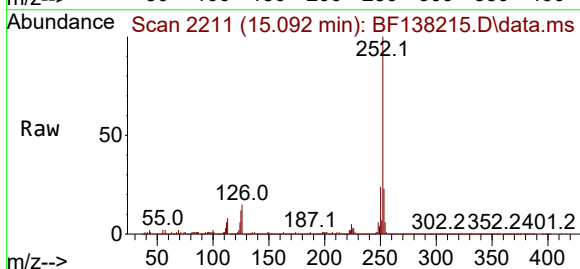
Tgt Ion:252 Resp: 2300629

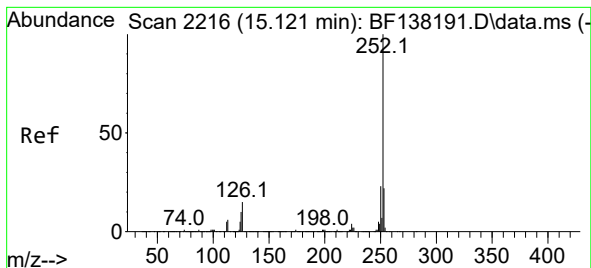
Ion Ratio Lower Upper

252 100

253 23.3 17.7 26.5

125 12.4 7.8 11.8#





#89

Benzo(k)fluoranthene

Concen: 48.817 ng

RT: 15.092 min Scan# 21

Delta R.T. -0.030 min

Lab File: BF138215.D

Acq: 17 Jun 2024 20:25

Instrument :

BNA_F

ClientSampleId :

EXT-PE1

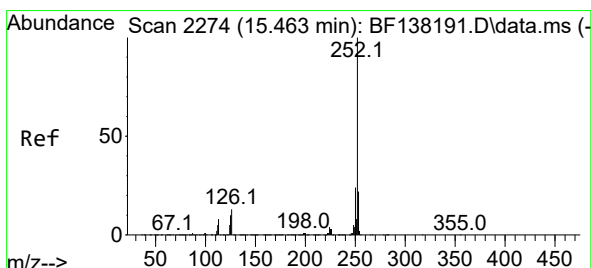
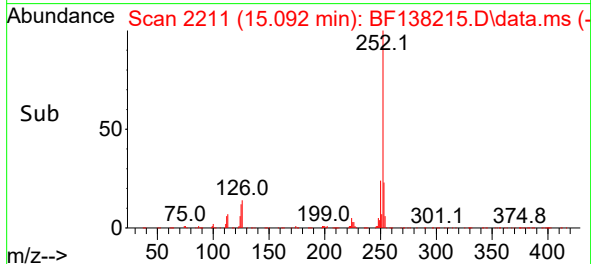
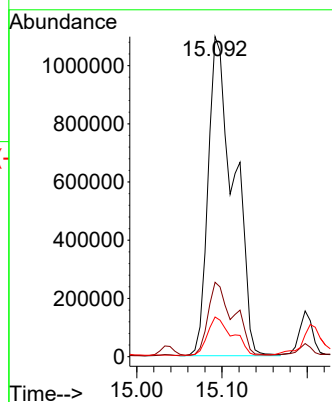
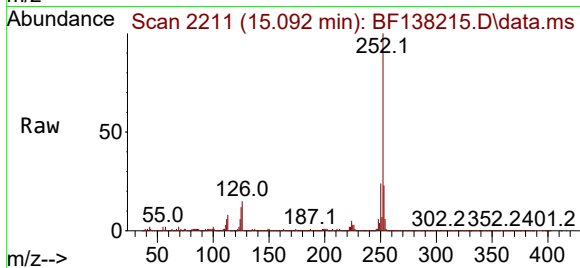
Tgt Ion:252 Resp: 2300629

Ion Ratio Lower Upper

252 100

253 23.3 17.8 26.8

125 12.4 8.0 12.0#



#90

Benzo(a)pyrene

Concen: 24.552 ng

RT: 15.462 min Scan# 2274

Delta R.T. -0.000 min

Lab File: BF138215.D

Acq: 17 Jun 2024 20:25

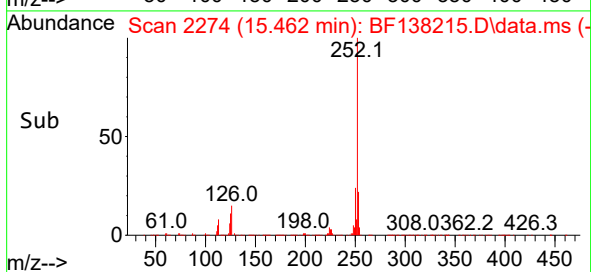
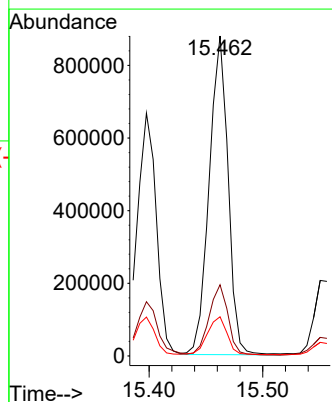
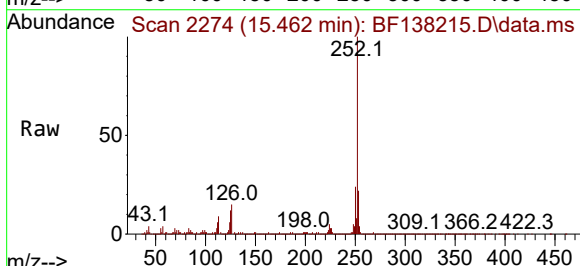
Tgt Ion:252 Resp: 1014302

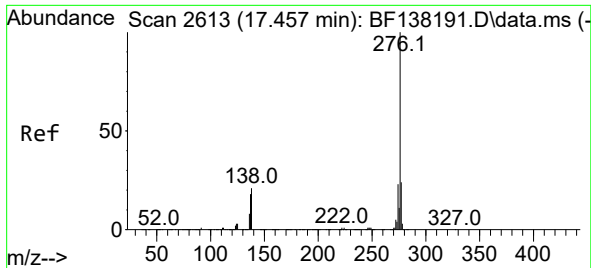
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

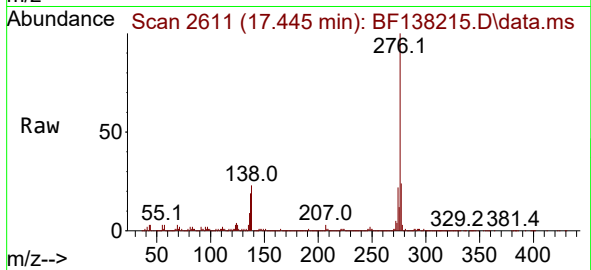
125 12.3 8.2 12.2#





#92
Benzo(g,h,i)perylene
Concen: 13.756 ng
RT: 17.445 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF138215.D
Acq: 17 Jun 2024 20:25

Instrument :
BNA_F
ClientSampleId :
EXT-PE1



Tgt Ion:276 Resp: 620923
Ion Ratio Lower Upper
276 100
277 24.4 19.5 29.3
138 22.8 16.6 24.8

