

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101722\
 Data File : BF130690.D
 Acq On : 17 Oct 2022 16:59
 Operator : CG\JU
 Sample : N5135-01RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-1-101322

Quant Time: Oct 18 03:22:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 18 03:15:54 2022
 Response via : Initial Calibration

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

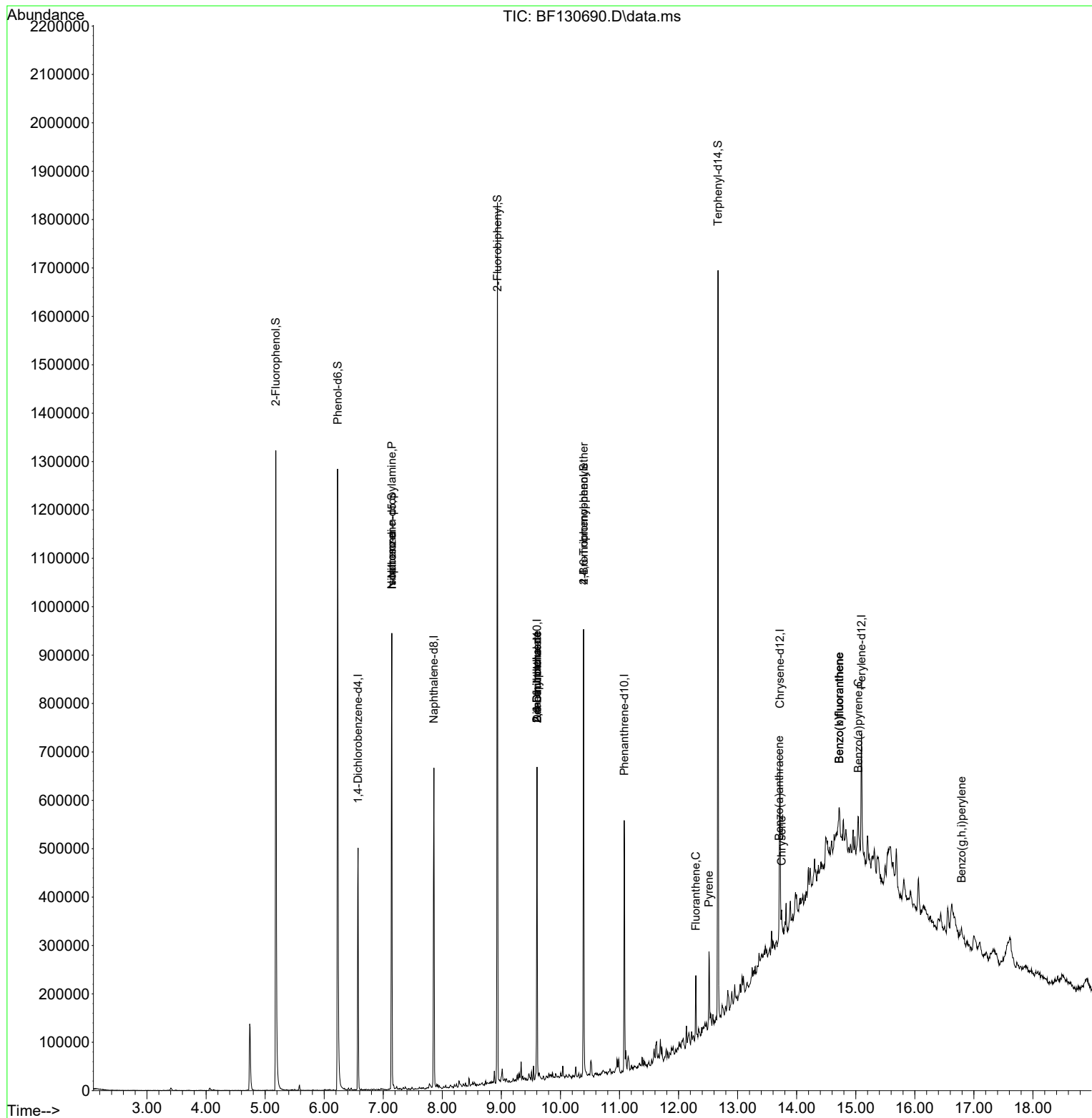
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.575	152	72410	20.000	ng	0.00
21) Naphthalene-d8	7.857	136	259467	20.000	ng	0.00
39) Acenaphthene-d10	9.604	164	115767	20.000	ng	0.00
64) Phenanthrene-d10	11.080	188	183213	20.000	ng	0.00
76) Chrysene-d12	13.715	240	123069	20.000	ng	0.00
86) Perylene-d12	15.098	264	96438	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.181	112	385205	95.891	ng	0.01
7) Phenol-d6	6.228	99	449637	89.026	ng	0.00
23) Nitrobenzene-d5	7.145	82	280424	59.000	ng	0.00
42) 2,4,6-Tribromophenol	10.392	330	102610	90.583	ng	0.00
45) 2-Fluorobiphenyl	8.933	172	497535	65.100	ng	0.00
79) Terphenyl-d14	12.668	244	475615	64.142	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.145	70	37474	11.500	ng	# 78
25) Isophorone	7.145	82	280419	35.449	ng	# 64
50) Dimethylphthalate	9.604	163	22274	2.779	ng	# 1
51) 2,6-Dinitrotoluene	9.604	165	15289	8.697	ng	# 25
57) 2,4-Dinitrotoluene	9.604	165	15289	6.767	ng	# 15
67) 4-Bromophenyl-phenylether	10.392	248	6489	3.130	ng	# 1
75) Fluoranthene	12.292	202	47609	4.880	ng	97
78) Pyrene	12.516	202	62021	5.842	ng	98
81) Benzo(a)anthracene	13.704	228	26339	3.176	ng	# 88
83) Chrysene	13.745	228	27432	3.489	ng	# 91
88) Benzo(b)fluoranthene	14.721	252	32453	5.314	ng	# 61
89) Benzo(k)fluoranthene	14.721	252	32453	5.219	ng	# 60
90) Benzo(a)pyrene	15.045	252	17393	3.422	ng	# 69
92) Benzo(g,h,i)perylene	16.792	276	12486	2.266	ng	# 85

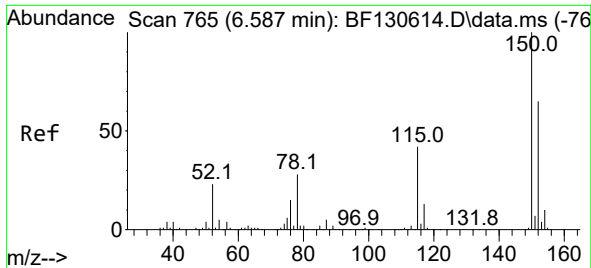
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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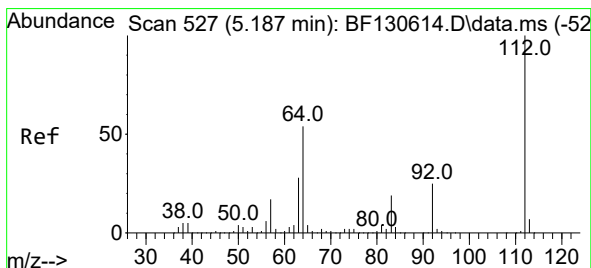
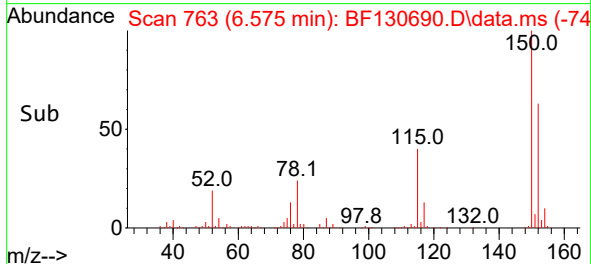
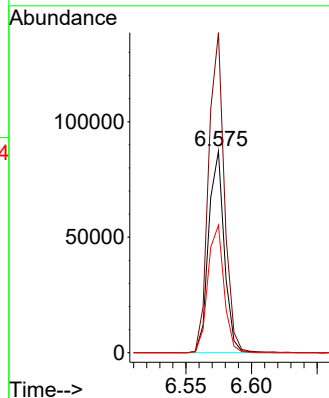
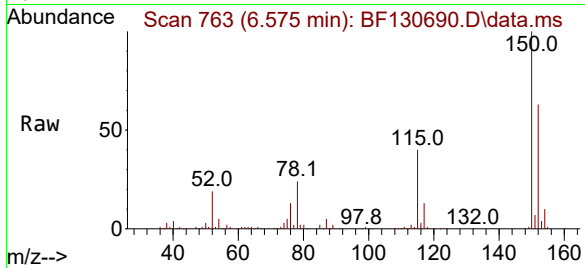




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.575 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF130690.D
Acq: 17 Oct 2022 16:59

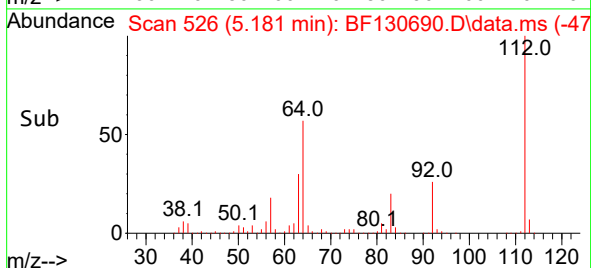
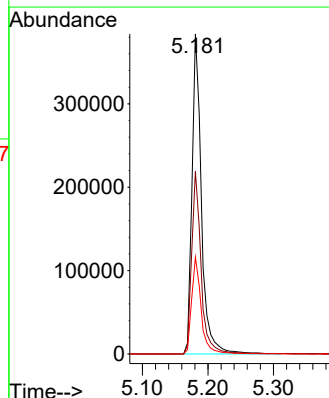
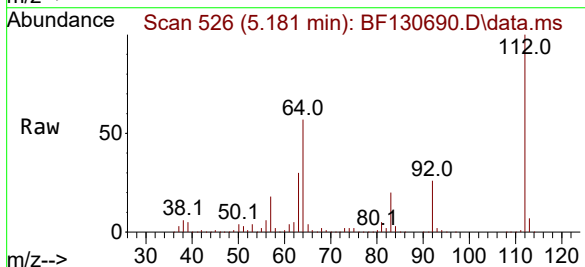
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BNA_F
ClientSampleId :
OK-1-101322

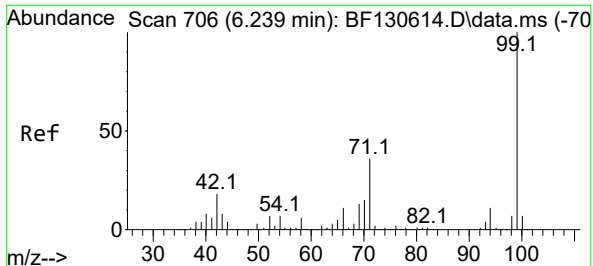
Tgt Ion:152 Resp: 72410
Ion Ratio Lower Upper
152 100
150 158.9 123.8 185.6
115 63.3 52.2 78.4



#5
2-Fluorophenol
Concen: 95.891 ng
RT: 5.181 min Scan# 526
Delta R.T. 0.012 min
Lab File: BF130690.D
Acq: 17 Oct 2022 16:59

Tgt Ion:112 Resp: 385205
Ion Ratio Lower Upper
112 100
64 57.1 43.5 65.3
63 30.3 22.6 34.0

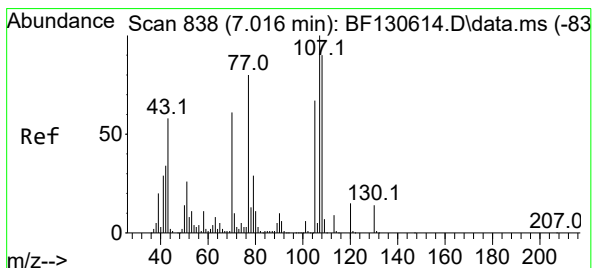
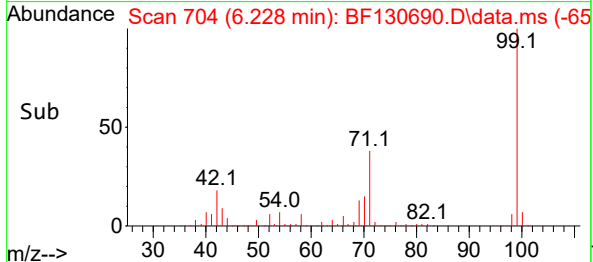
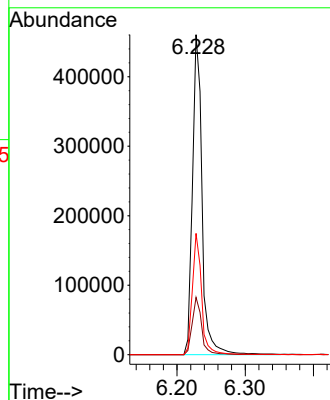
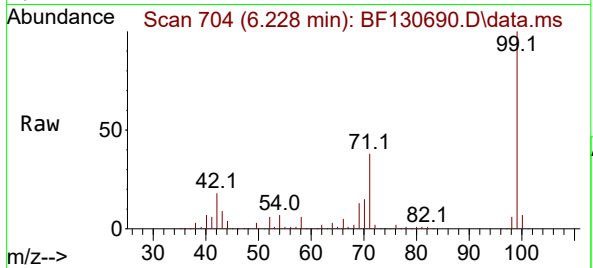




#7
Phenol-d6
Concen: 89.026 ng
RT: 6.228 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF130690.D
Acq: 17 Oct 2022 16:59

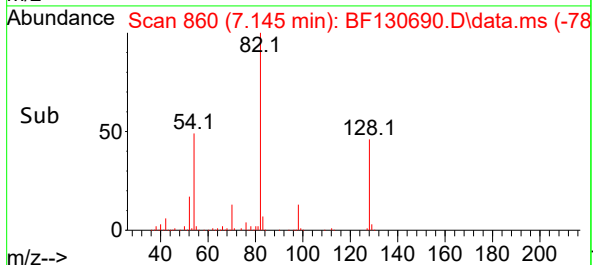
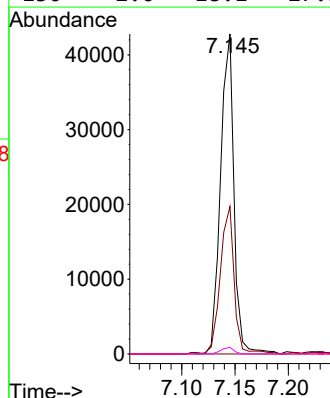
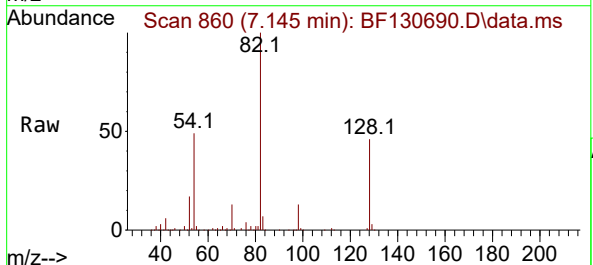
Instrument :
BNA_F
ClientSampleId :
OK-1-101322

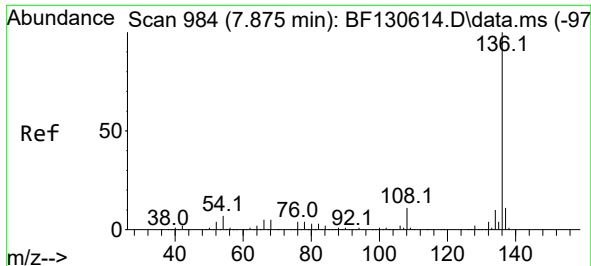
Tgt Ion: 99 Resp: 449637
Ion Ratio Lower Upper
99 100
42 17.9 14.0 21.0
71 37.9 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 11.500 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.141 min
Lab File: BF130690.D
Acq: 17 Oct 2022 16:59

Tgt Ion: 70 Resp: 37474
Ion Ratio Lower Upper
70 100
42 46.1 44.3 66.5
101 0.0 7.9 11.9#
130 2.0 18.1 27.1#

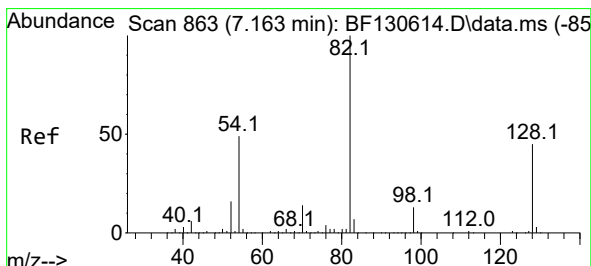
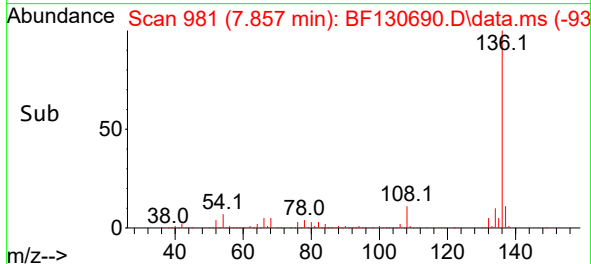
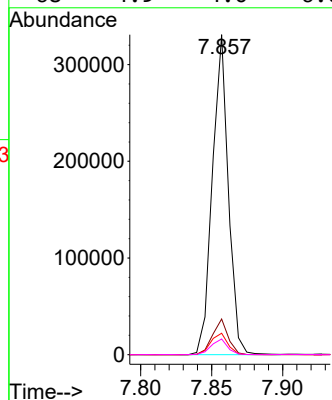
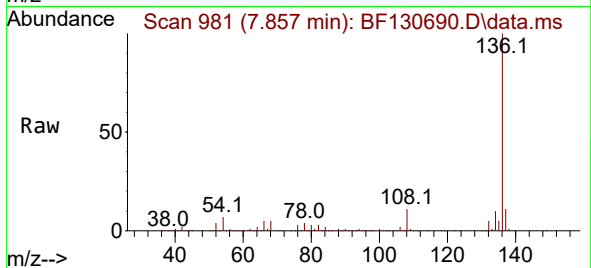




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.857 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF130690.D
Acq: 17 Oct 2022 16:59

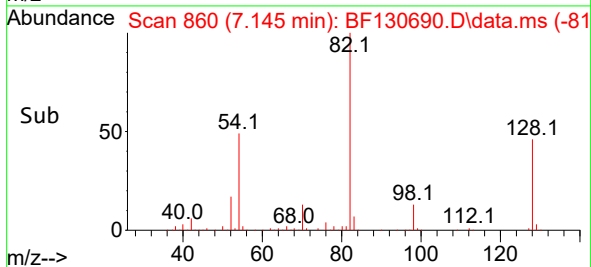
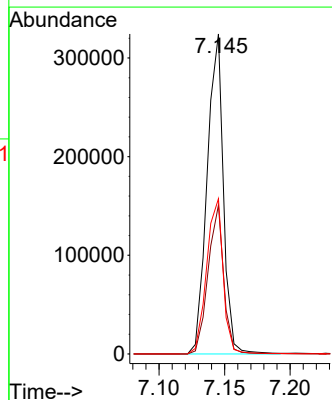
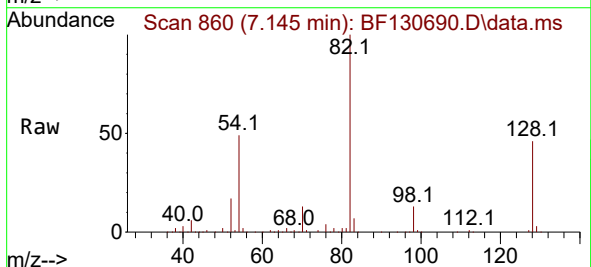
Instrument :
BNA_F
ClientSampleId :
OK-1-101322

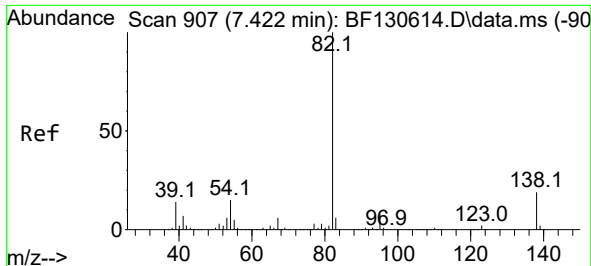
Tgt Ion:136 Resp: 259467
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 6.7 5.5 8.3
68 4.9 4.0 6.0



#23
Nitrobenzene-d5
Concen: 59.000 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF130690.D
Acq: 17 Oct 2022 16:59

Tgt Ion: 82 Resp: 280424
Ion Ratio Lower Upper
82 100
128 46.5 35.8 53.6
54 48.5 39.3 58.9

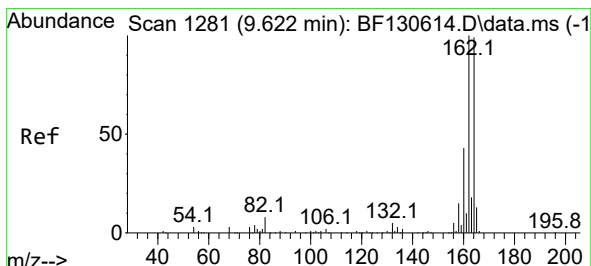
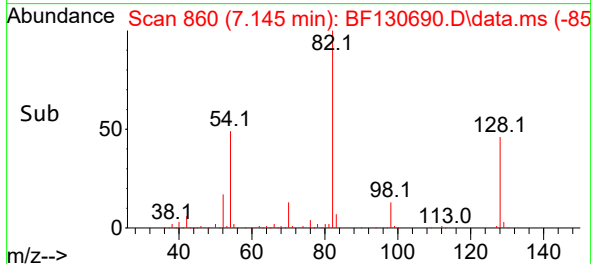
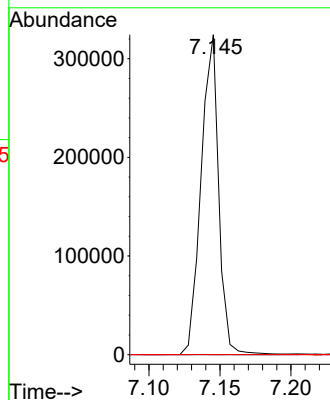
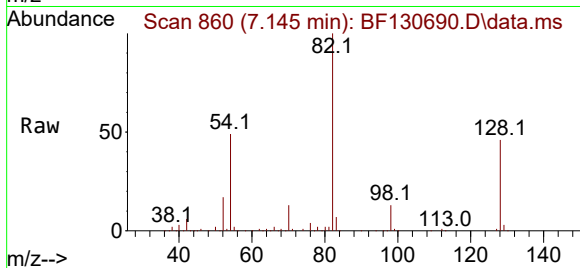




#25
Isophorone
Concen: 35.449 ng
RT: 7.145 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF130690.D
Acq: 17 Oct 2022 16:59

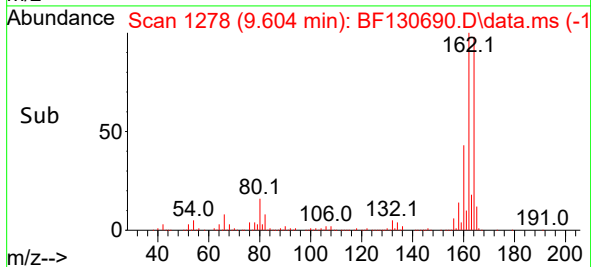
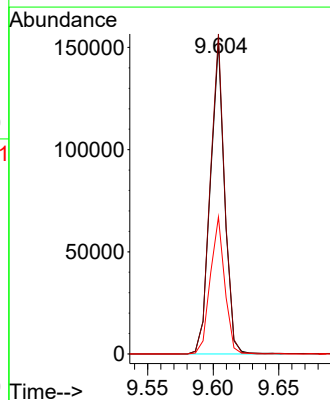
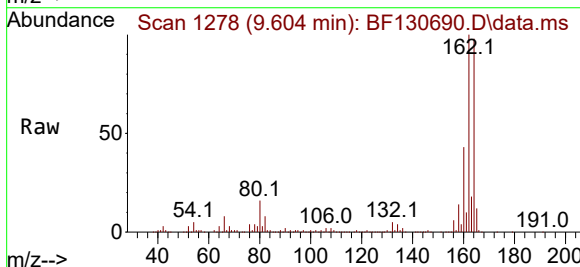
Instrument :
BNA_F
ClientSampleId :
OK-1-101322

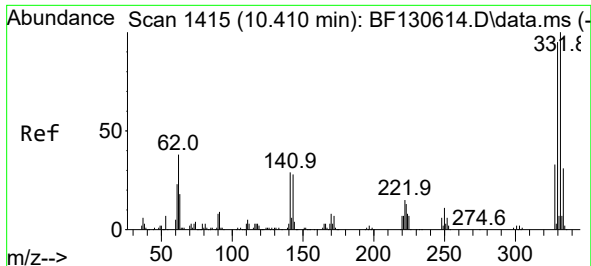
Tgt Ion: 82 Resp: 280419
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.604 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BF130690.D
Acq: 17 Oct 2022 16:59

Tgt Ion:164 Resp: 115767
Ion Ratio Lower Upper
164 100
162 102.6 81.0 121.4
160 43.9 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 90.583 ng

RT: 10.392 min Scan# 1415

Delta R.T. -0.006 min

Lab File: BF130690.D

Acq: 17 Oct 2022 16:59

Instrument :

BNA_F

ClientSampleId :

OK-1-101322

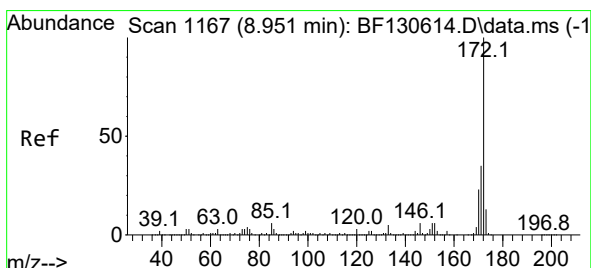
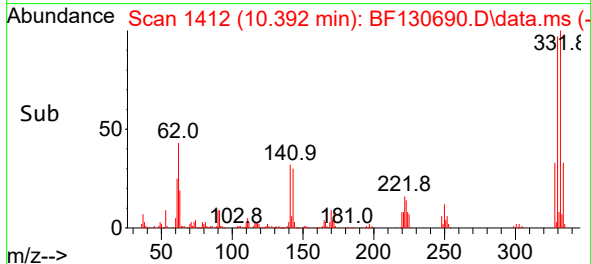
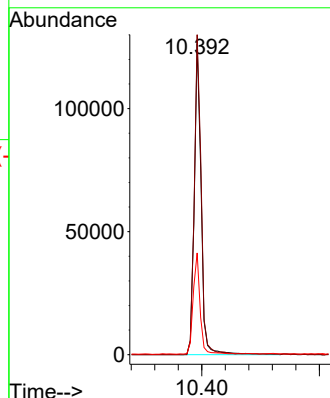
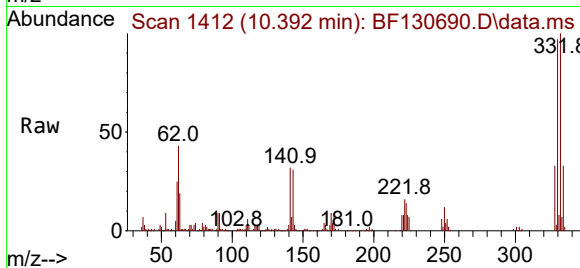
Tgt Ion:330 Resp: 102610

Ion Ratio Lower Upper

330 100

332 102.6 84.2 126.4

141 32.7 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 65.100 ng

RT: 8.933 min Scan# 1164

Delta R.T. -0.006 min

Lab File: BF130690.D

Acq: 17 Oct 2022 16:59

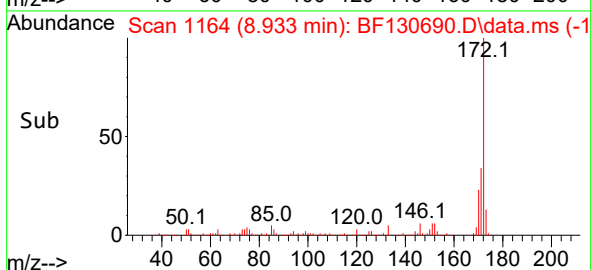
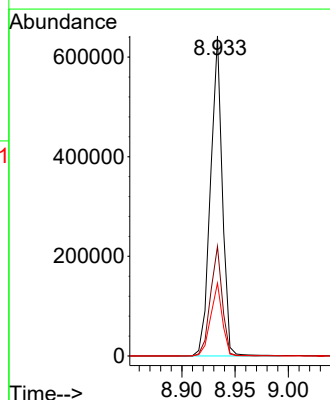
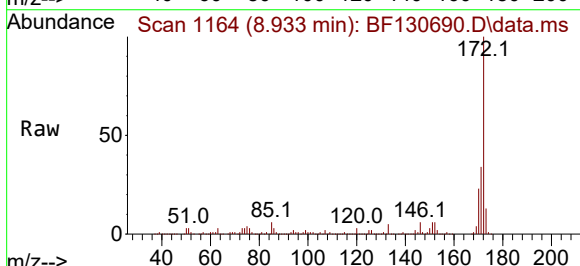
Tgt Ion:172 Resp: 497535

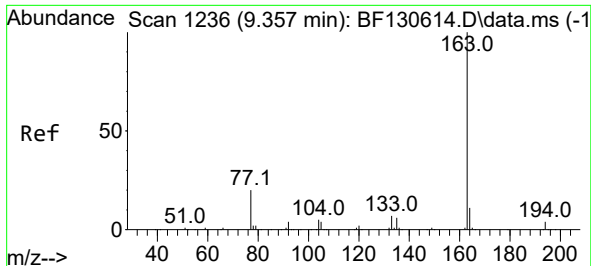
Ion Ratio Lower Upper

172 100

171 34.3 27.8 41.8

170 22.7 18.6 27.8

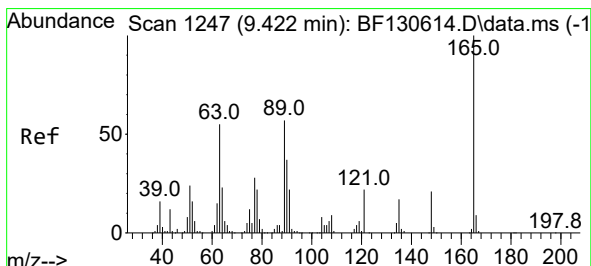
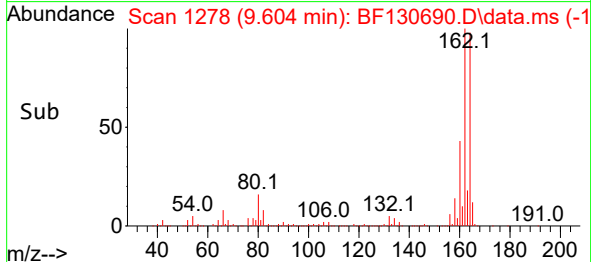
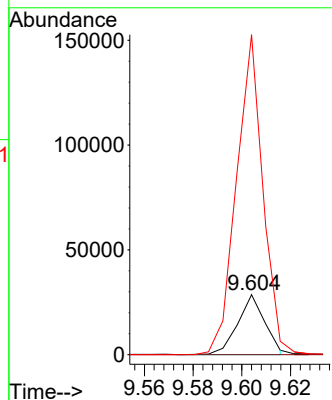
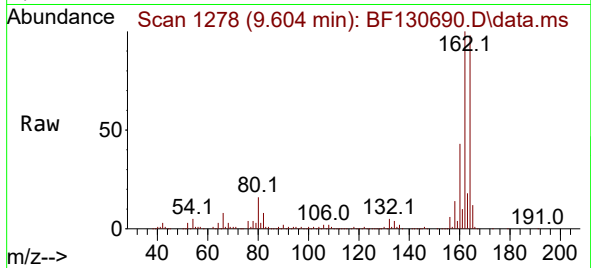




#50
Dimethylphthalate
Concen: 2.779 ng
RT: 9.604 min Scan# 1278
Delta R.T. 0.259 min
Lab File: BF130690.D
Acq: 17 Oct 2022 16:59

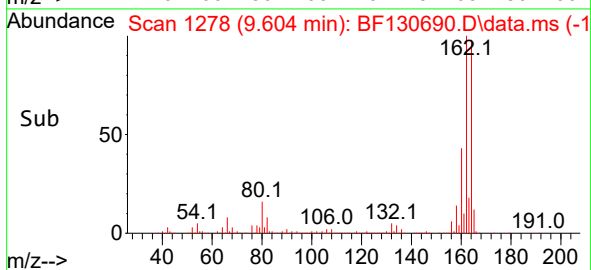
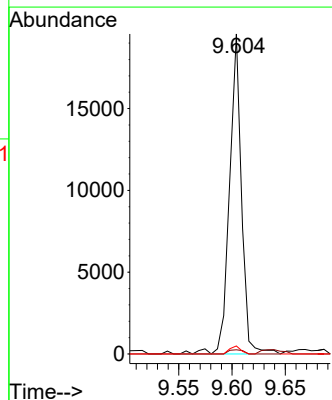
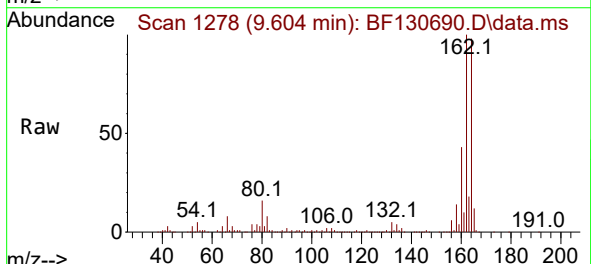
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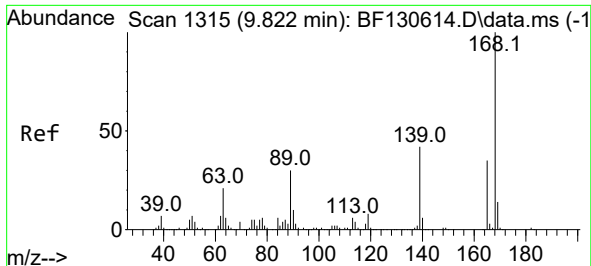
Tgt Ion:163 Resp: 22274
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 532.6 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.697 ng
RT: 9.604 min Scan# 1278
Delta R.T. 0.194 min
Lab File: BF130690.D
Acq: 17 Oct 2022 16:59

Tgt Ion:165 Resp: 15289
Ion Ratio Lower Upper
165 100
63 1.3 45.3 67.9#
89 2.5 45.6 68.4#

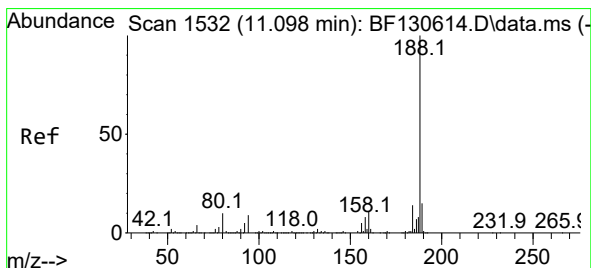
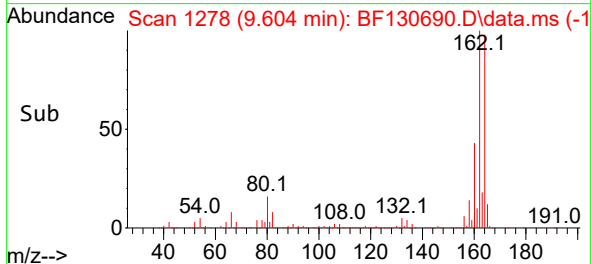
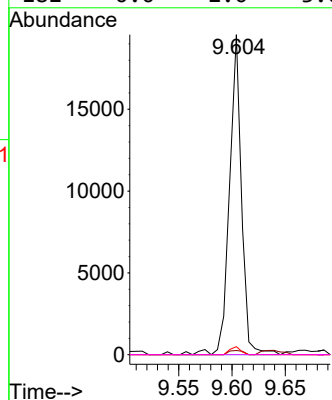
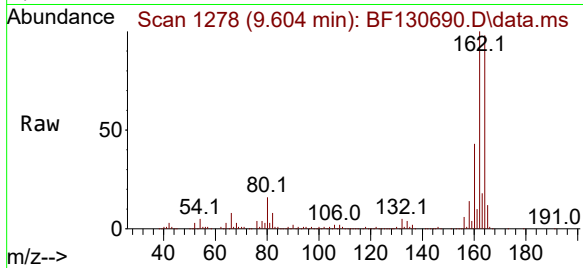




#57
2,4-Dinitrotoluene
Concen: 6.767 ng
RT: 9.604 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF130690.D
Acq: 17 Oct 2022 16:59

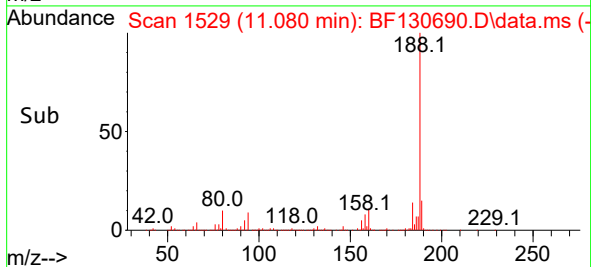
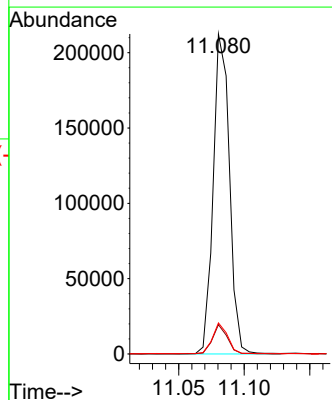
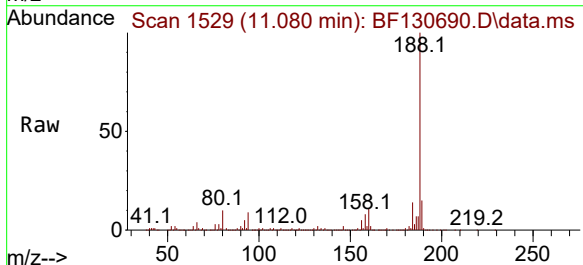
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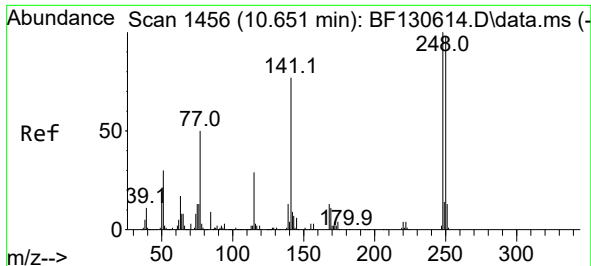
Tgt Ion:165 Resp: 15289
Ion Ratio Lower Upper
165 100
63 1.3 50.6 76.0#
89 2.5 68.6 102.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.080 min Scan# 1529
Delta R.T. -0.006 min
Lab File: BF130690.D
Acq: 17 Oct 2022 16:59

Tgt Ion:188 Resp: 183213
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.2
80 9.7 8.0 12.0

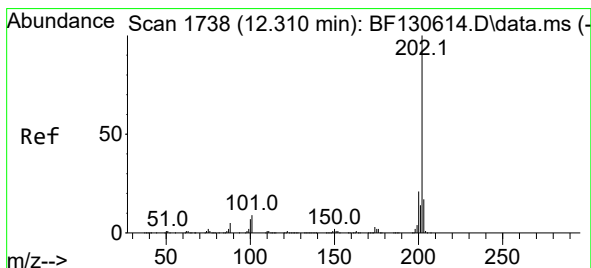
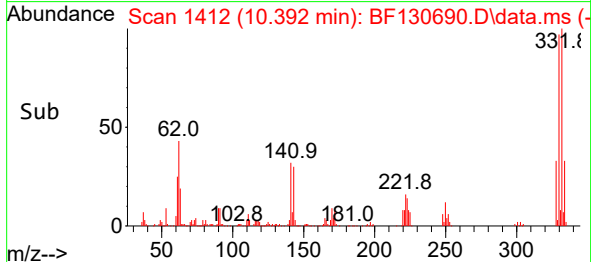
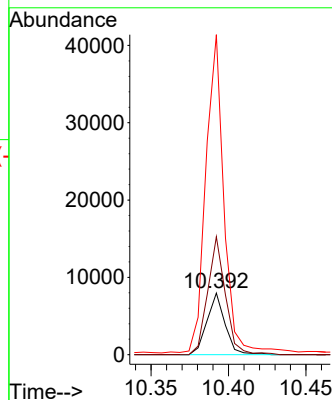
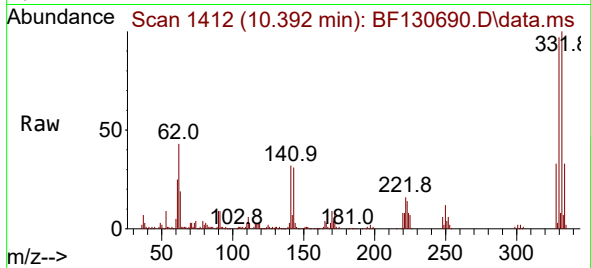




#67
4-Bromophenyl-phenylether
Concen: 3.130 ng
RT: 10.392 min Scan# 1456
Delta R.T. -0.247 min
Lab File: BF130690.D
Acq: 17 Oct 2022 16:59

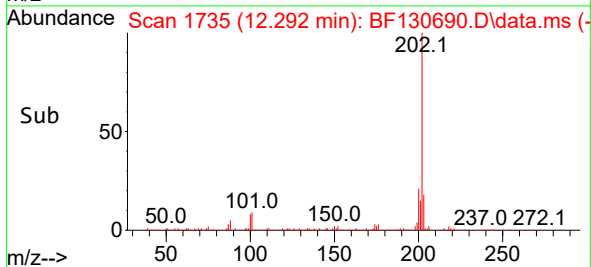
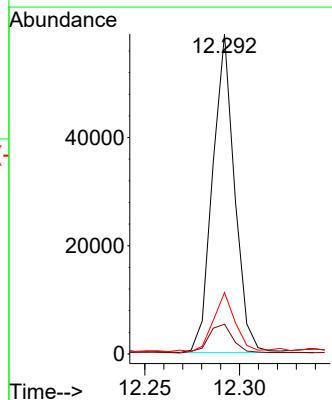
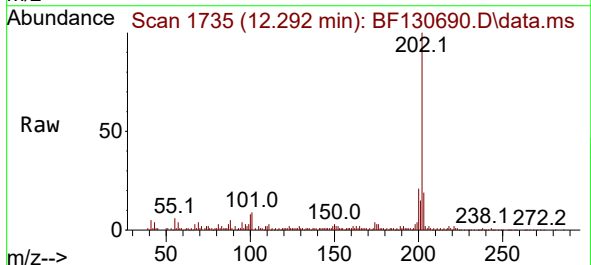
Instrument :
BNA_F
ClientSampleId :
OK-1-101322

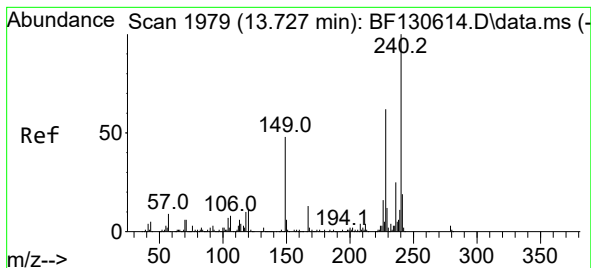
Tgt Ion:248 Resp: 6489
Ion Ratio Lower Upper
248 100
250 191.3 78.7 118.1#
141 519.1 61.6 92.4#



#75
Fluoranthene
Concen: 4.880 ng
RT: 12.292 min Scan# 1735
Delta R.T. -0.006 min
Lab File: BF130690.D
Acq: 17 Oct 2022 16:59

Tgt Ion:202 Resp: 47609
Ion Ratio Lower Upper
202 100
101 9.3 0.0 29.1
203 19.2 0.0 37.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.715 min Scan# 1979

Delta R.T. -0.006 min

Lab File: BF130690.D

Acq: 17 Oct 2022 16:59

Instrument :

BNA_F

ClientSampleId :

OK-1-101322

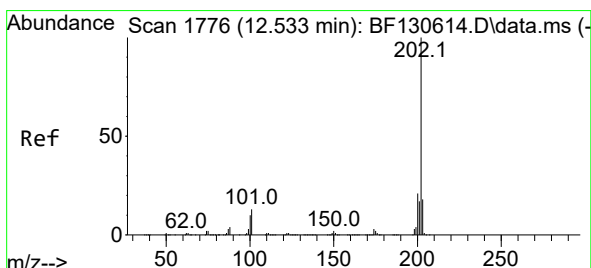
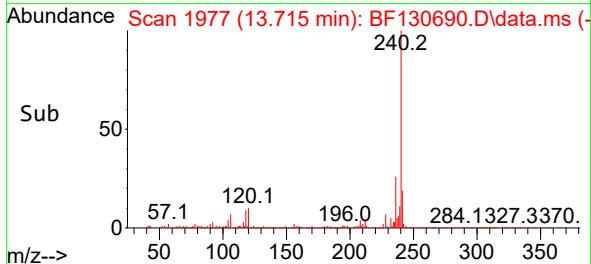
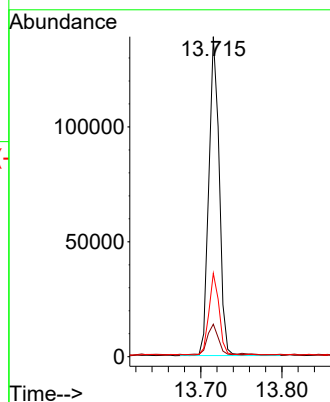
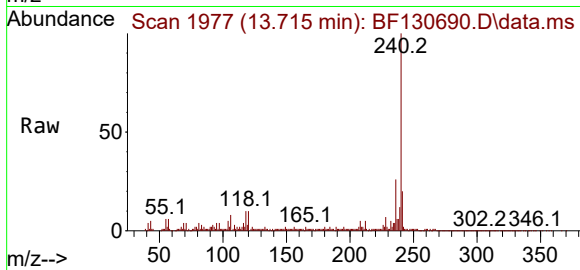
Tgt Ion:240 Resp: 123069

Ion Ratio Lower Upper

240 100

120 10.2 8.6 13.0

236 26.1 20.2 30.4



#78

Pyrene

Concen: 5.842 ng

RT: 12.516 min Scan# 1773

Delta R.T. -0.006 min

Lab File: BF130690.D

Acq: 17 Oct 2022 16:59

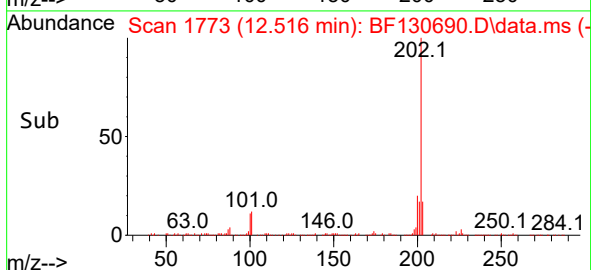
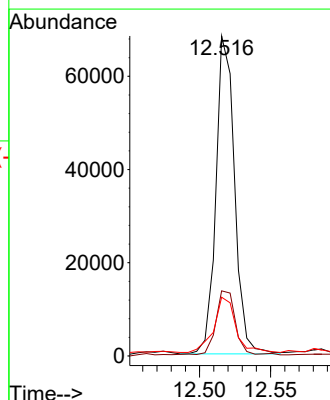
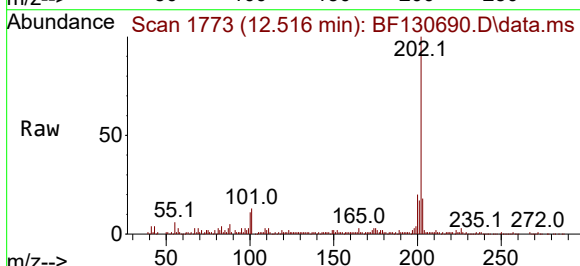
Tgt Ion:202 Resp: 62021

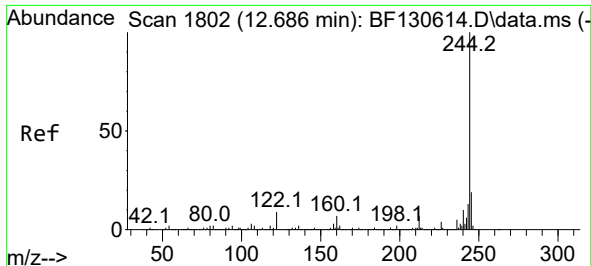
Ion Ratio Lower Upper

202 100

200 20.4 16.7 25.1

203 18.4 14.0 21.0

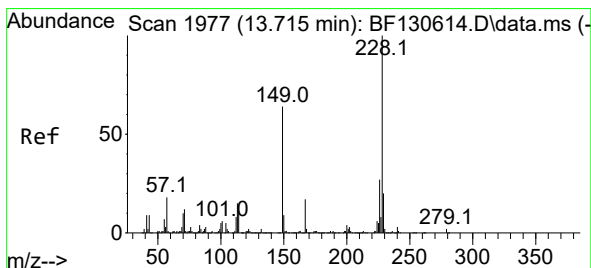
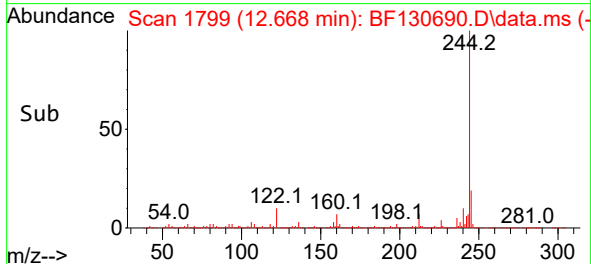
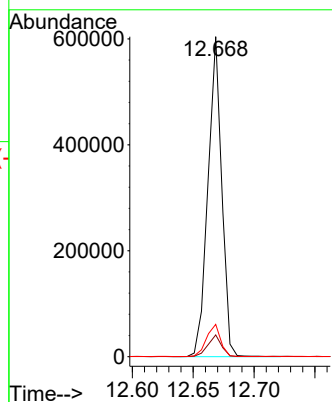
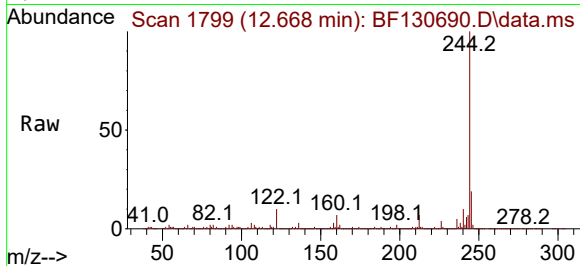




#79
 Terphenyl-d14
 Concen: 64.142 ng
 RT: 12.668 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: BF130690.D
 Acq: 17 Oct 2022 16:59

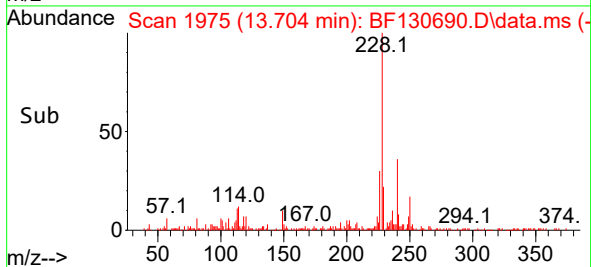
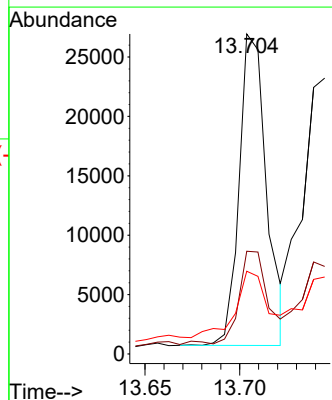
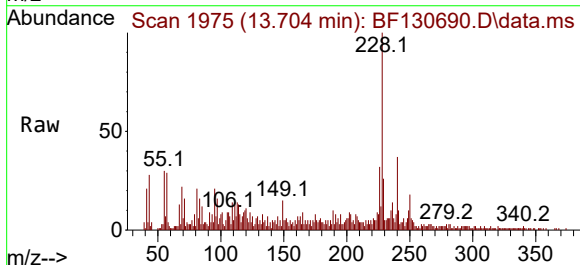
Instrument :
 BNA_F
 ClientSampleId :
 OK-1-101322

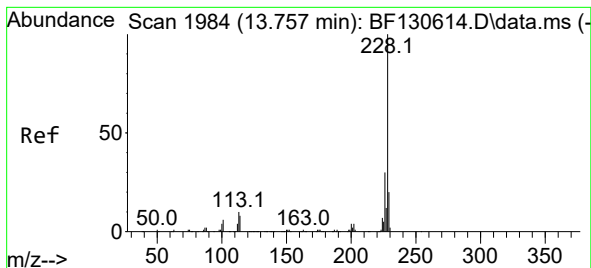
Tgt Ion:244 Resp: 475615
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 10.1 7.5 11.3



#81
 Benzo(a)anthracene
 Concen: 3.176 ng
 RT: 13.704 min Scan# 1975
 Delta R.T. -0.006 min
 Lab File: BF130690.D
 Acq: 17 Oct 2022 16:59

Tgt Ion:228 Resp: 26339
 Ion Ratio Lower Upper
 228 100
 226 32.1 21.4 32.2
 229 25.9 15.8 23.8#





#83

Chrysene

Concen: 3.489 ng

RT: 13.745 min Scan# 1984

Delta R.T. -0.000 min

Lab File: BF130690.D

Acq: 17 Oct 2022 16:59

Instrument :

BNA_F

ClientSampleId :

OK-1-101322

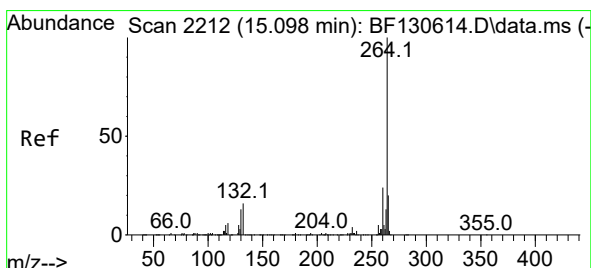
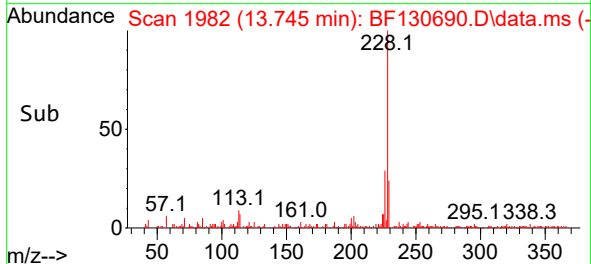
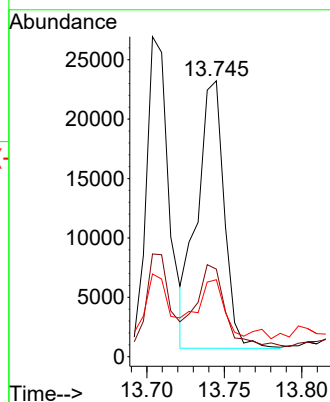
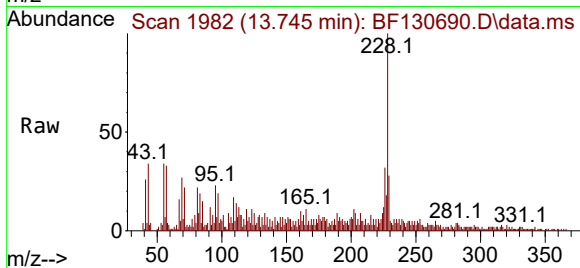
Tgt Ion:228 Resp: 27432

Ion Ratio Lower Upper

228 100

226 31.7 23.9 35.9

229 27.9 15.9 23.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.098 min Scan# 2212

Delta R.T. 0.012 min

Lab File: BF130690.D

Acq: 17 Oct 2022 16:59

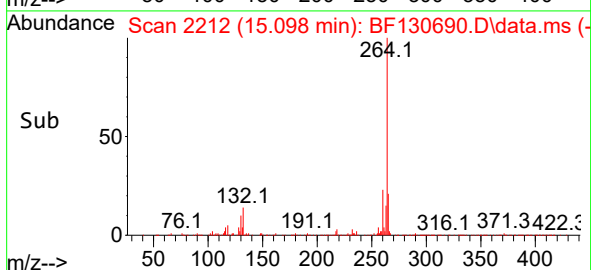
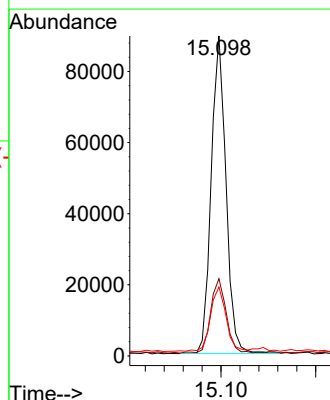
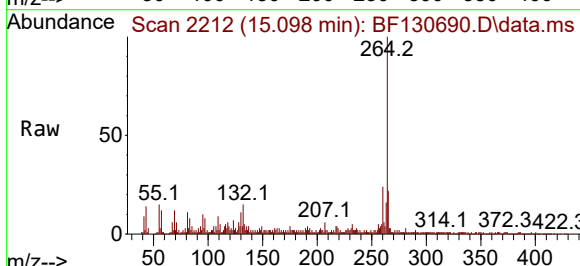
Tgt Ion:264 Resp: 96438

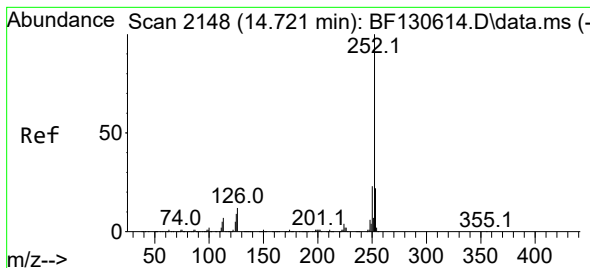
Ion Ratio Lower Upper

264 100

260 24.1 19.1 28.7

265 21.6 16.4 24.6





#88

Benzo(b)fluoranthene

Concen: 5.314 ng

RT: 14.721 min Scan# 2148

Delta R.T. 0.006 min

Lab File: BF130690.D

Acq: 17 Oct 2022 16:59

Instrument :

BNA_F

ClientSampleId :

OK-1-101322

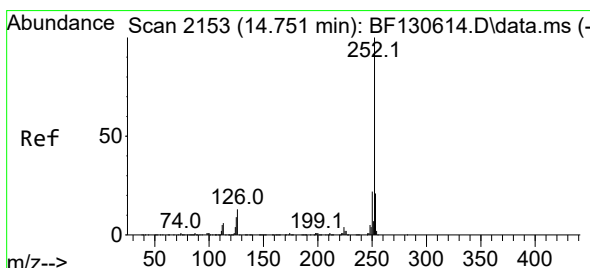
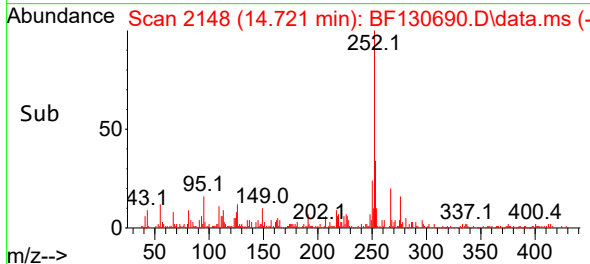
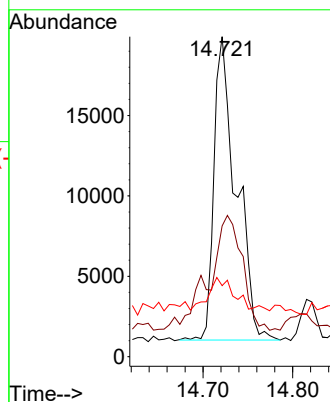
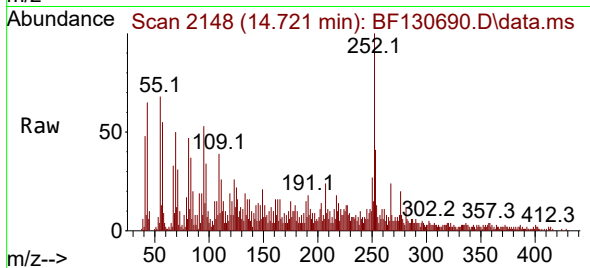
Tgt Ion:252 Resp: 32453

Ion Ratio Lower Upper

252 100

253 40.9 17.4 26.2#

125 22.2 7.4 11.0#



#89

Benzo(k)fluoranthene

Concen: 5.219 ng

RT: 14.721 min Scan# 2148

Delta R.T. -0.018 min

Lab File: BF130690.D

Acq: 17 Oct 2022 16:59

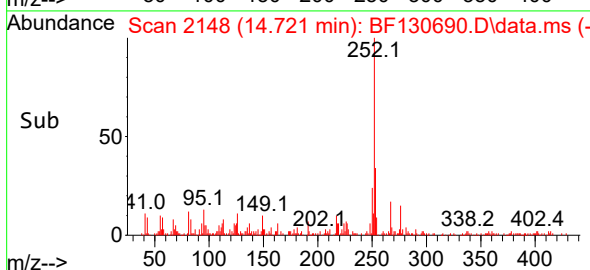
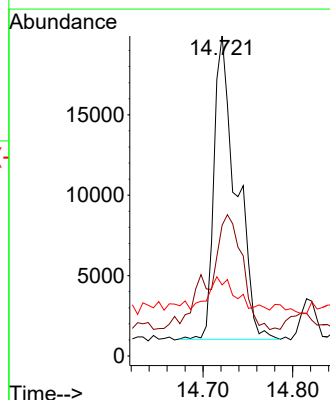
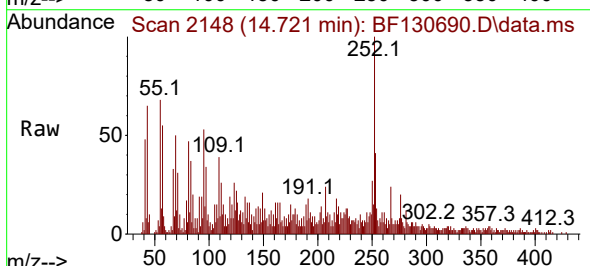
Tgt Ion:252 Resp: 32453

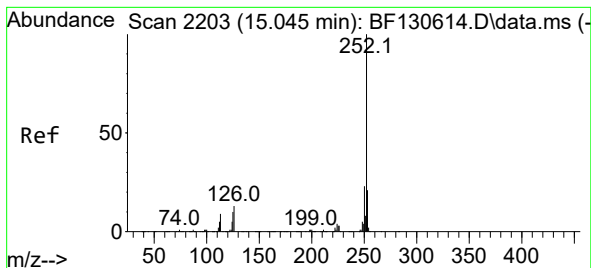
Ion Ratio Lower Upper

252 100

253 40.9 17.0 25.4#

125 22.2 7.2 10.8#





#90

Benzo(a)pyrene

Concen: 3.422 ng

RT: 15.045 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF130690.D

Acq: 17 Oct 2022 16:59

Instrument :

BNA_F

ClientSampleId :

OK-1-101322

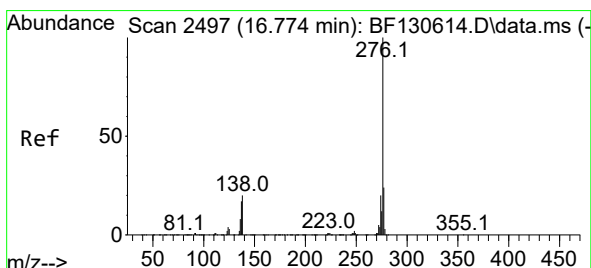
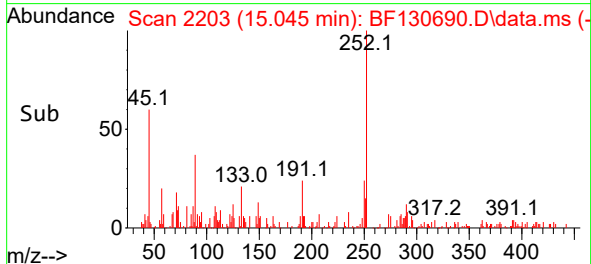
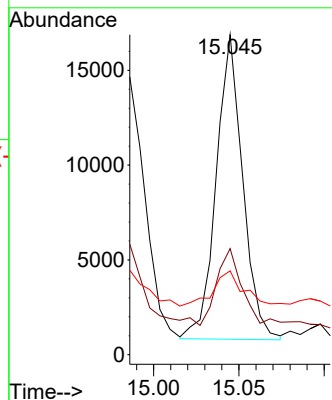
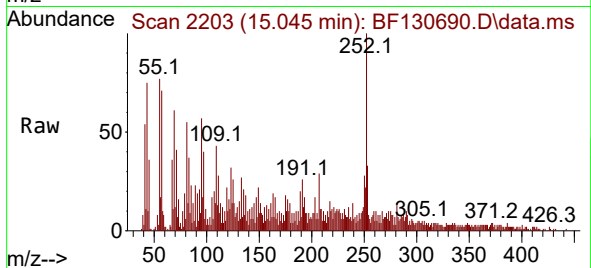
Tgt Ion:252 Resp: 17393

Ion Ratio Lower Upper

252 100

253 33.1 17.0 25.6#

125 26.2 8.4 12.6#



#92

Benzo(g,h,i)perylene

Concen: 2.266 ng

RT: 16.792 min Scan# 2500

Delta R.T. 0.023 min

Lab File: BF130690.D

Acq: 17 Oct 2022 16:59

Tgt Ion:276 Resp: 12486

Ion Ratio Lower Upper

276 100

277 32.4 18.9 28.3#

138 25.6 15.9 23.9#

