

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101022\
 Data File : BF130604.D
 Acq On : 10 Oct 2022 15:49
 Operator : CG\JU
 Sample : N5046-01RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-1

Quant Time: Oct 11 03:25:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 10 16:07:40 2022
 Response via : Initial Calibration

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

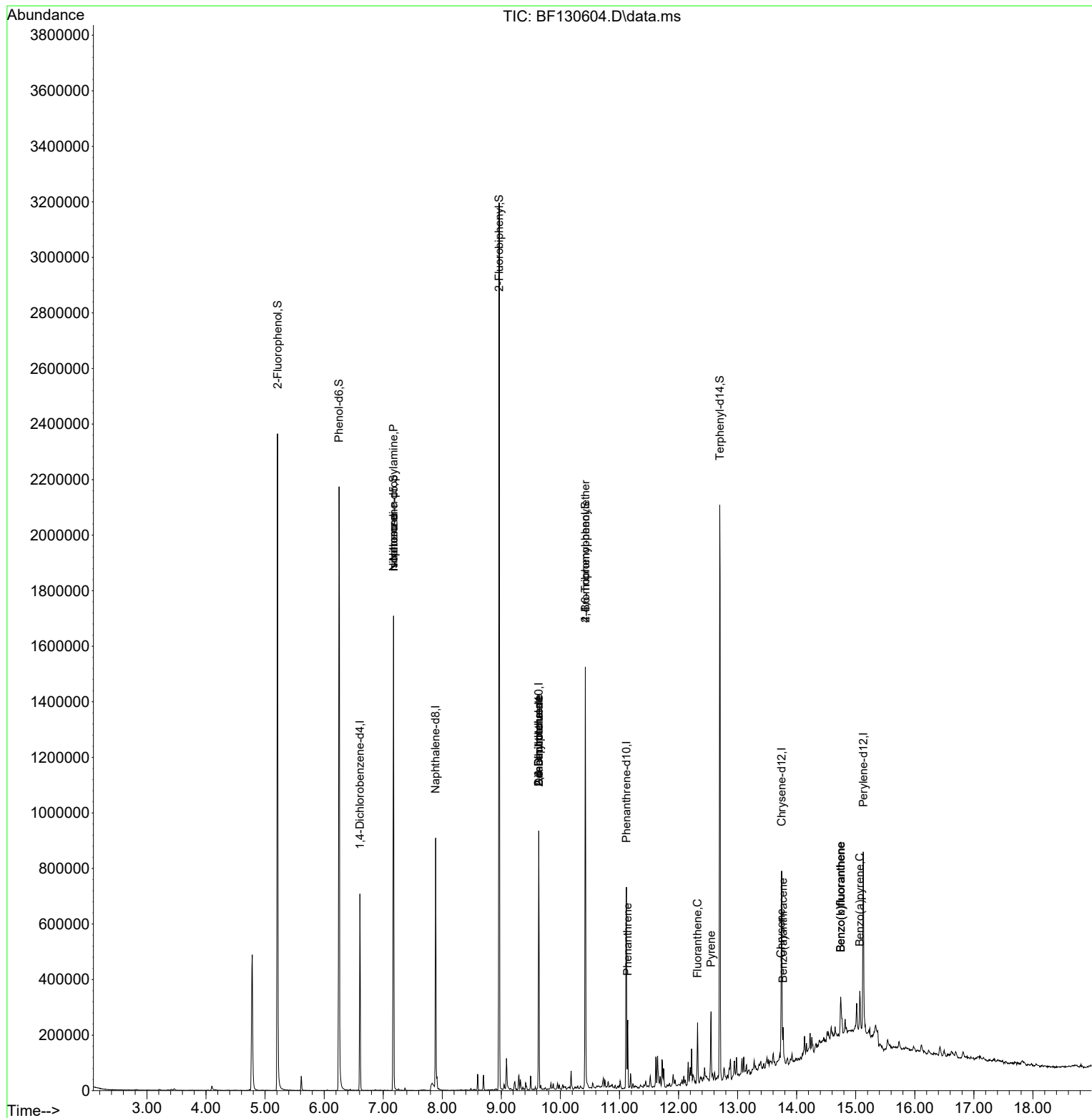
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.604	152	94569	20.000	ng	0.00
21) Naphthalene-d8	7.887	136	351125	20.000	ng	0.00
39) Acenaphthene-d10	9.634	164	170744	20.000	ng	0.00
64) Phenanthrene-d10	11.116	188	240424	20.000	ng	0.00
76) Chrysene-d12	13.745	240	195293	20.000	ng	0.00
86) Perylene-d12	15.127	264	253979	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.210	112	650272	119.265	ng	0.00
7) Phenol-d6	6.251	99	795960	116.673	ng	0.00
23) Nitrobenzene-d5	7.175	82	500375	72.804	ng	0.00
42) 2,4,6-Tribromophenol	10.422	330	166969	102.056	ng	0.00
45) 2-Fluorobiphenyl	8.963	172	869817	74.182	ng	0.00
79) Terphenyl-d14	12.698	244	702692	59.603	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.175	70	66884	14.529	ng	# 72
25) Isophorone	7.175	82	500370	45.170	ng	# 66
50) Dimethylphthalate	9.634	163	32304	2.739	ng	# 1
51) 2,6-Dinitrotoluene	9.634	165	22610	9.166	ng	# 16
57) 2,4-Dinitrotoluene	9.634	165	22610	7.172	ng	# 16
67) 4-Bromophenyl-phenylether	10.422	248	10112	3.813	ng	# 1
71) Phenanthrene	11.139	178	84975	6.295	ng	98
75) Fluoranthene	12.322	202	69409	5.321	ng	98
78) Pyrene	12.551	202	96523	5.650	ng	99
81) Benzo(a)anthracene	13.769	228	46614	3.588	ng	92
83) Chrysene	13.733	228	43691	3.542	ng	92
88) Benzo(b)fluoranthene	14.745	252	86746	5.233	ng	# 94
89) Benzo(k)fluoranthene	14.745	252	86746	5.320	ng	# 93
90) Benzo(a)pyrene	15.068	252	52517	3.999	ng	# 91

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101022\
Data File : BF130604.D
Acq On : 10 Oct 2022 15:49
Operator : CG\JU
Sample : N5046-01RE
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
R-1

Quant Time: Oct 11 03:25:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 10 16:07:40 2022
Response via : Initial Calibration

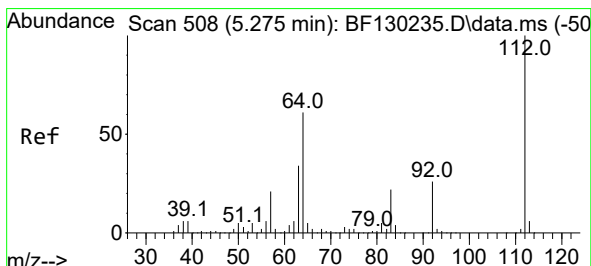
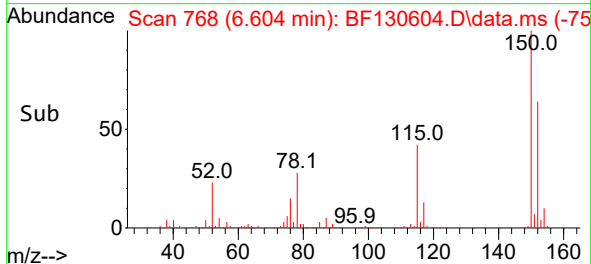
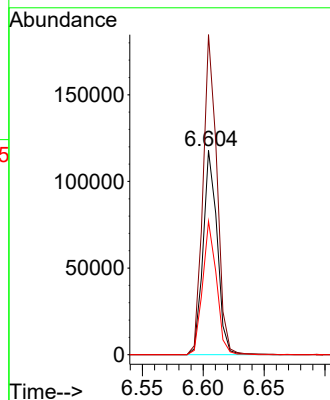
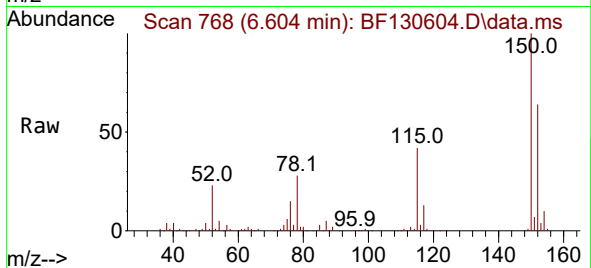




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.604 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF130604.D
Acq: 10 Oct 2022 15:49

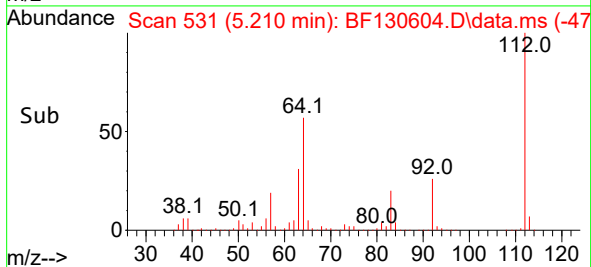
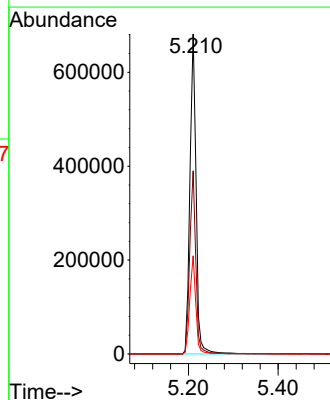
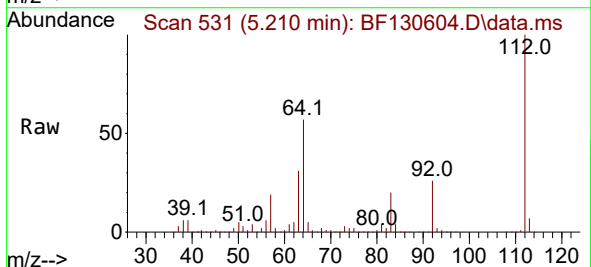
Instrument :
BNA_F
ClientSampleId :
R-1

Tgt Ion:152 Resp: 94569
Ion Ratio Lower Upper
152 100
150 156.8 122.8 184.2
115 65.4 53.8 80.8



#5
2-Fluorophenol
Concen: 119.265 ng
RT: 5.210 min Scan# 531
Delta R.T. 0.006 min
Lab File: BF130604.D
Acq: 10 Oct 2022 15:49

Tgt Ion:112 Resp: 650272
Ion Ratio Lower Upper
112 100
64 57.3 51.4 77.0
63 30.7 28.8 43.2

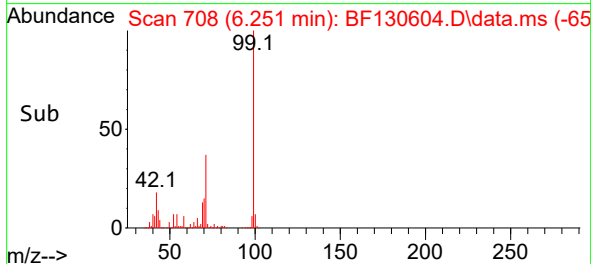
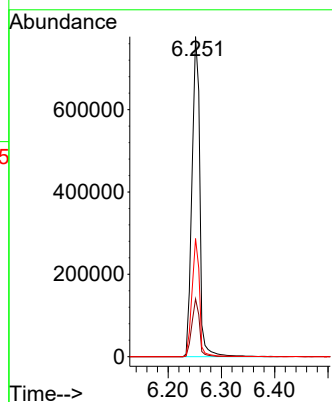
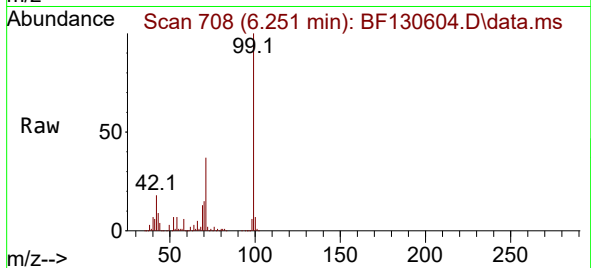




#7
Phenol-d6
Concen: 116.673 ng
RT: 6.251 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF130604.D
Acq: 10 Oct 2022 15:49

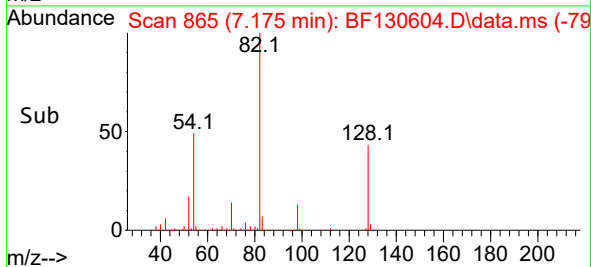
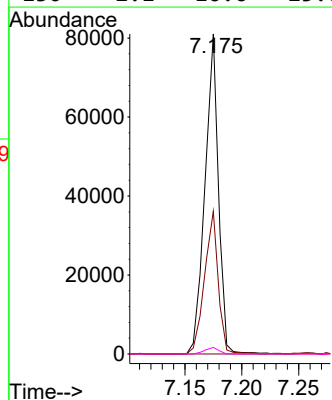
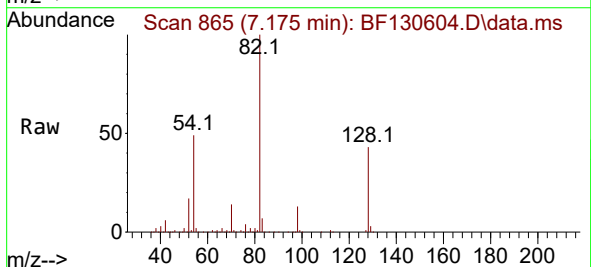
Instrument :
BNA_F
ClientSampleId :
R-1

Tgt Ion: 99 Resp: 795960
Ion Ratio Lower Upper
99 100
42 18.1 17.0 25.6
71 36.9 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 14.529 ng
RT: 7.175 min Scan# 865
Delta R.T. 0.141 min
Lab File: BF130604.D
Acq: 10 Oct 2022 15:49

Tgt Ion: 70 Resp: 66884
Ion Ratio Lower Upper
70 100
42 44.6 50.8 76.2#
101 0.0 8.2 12.4#
130 2.1 16.6 25.0#

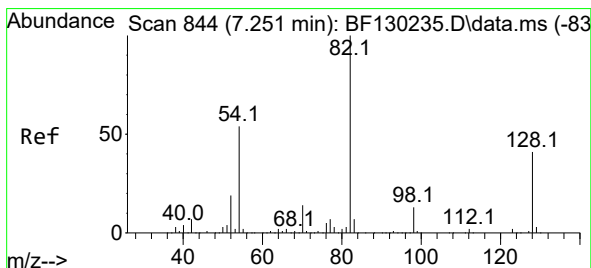
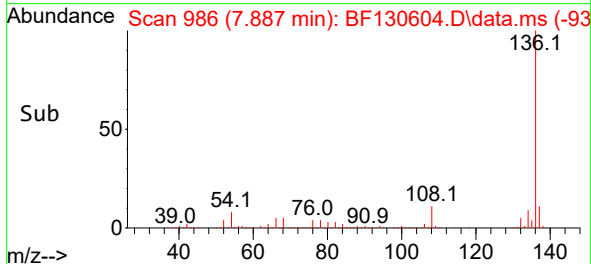
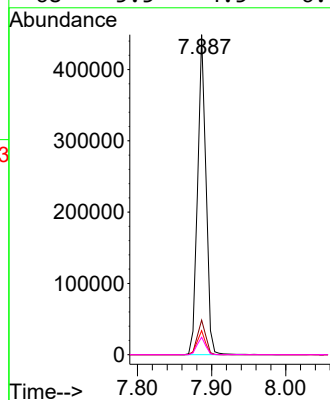
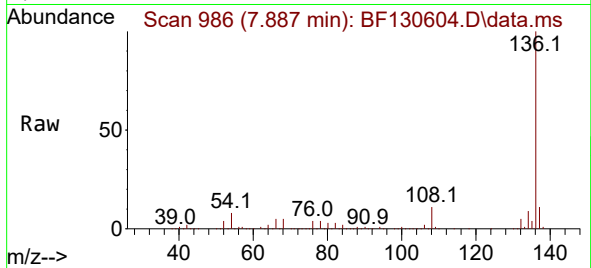




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.887 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130604.D
Acq: 10 Oct 2022 15:49

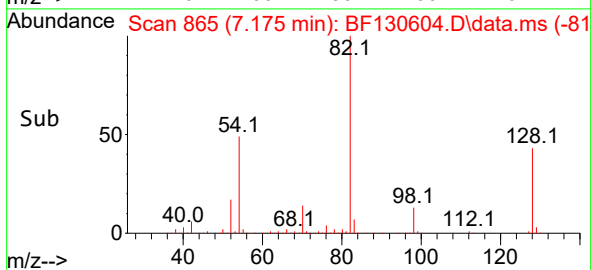
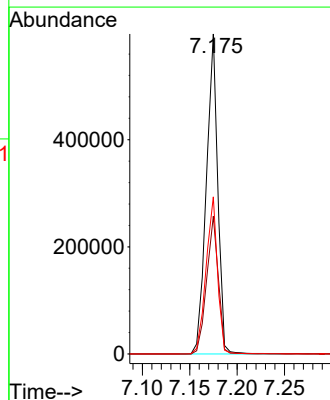
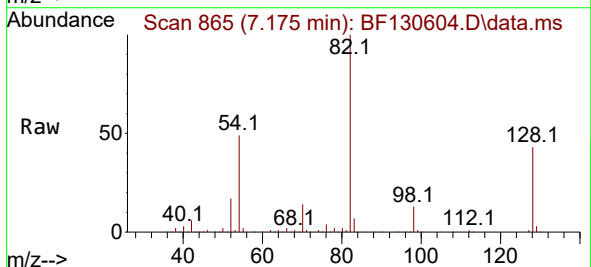
Instrument :
BNA_F
ClientSampleId :
R-1

Tgt Ion:136 Resp: 351125
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 7.5 7.1 10.7
68 5.5 4.5 6.7



#23
Nitrobenzene-d5
Concen: 72.804 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF130604.D
Acq: 10 Oct 2022 15:49

Tgt Ion: 82 Resp: 500375
Ion Ratio Lower Upper
82 100
128 43.1 32.6 49.0
54 49.1 43.8 65.6

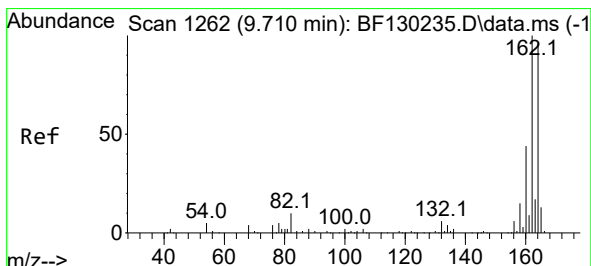
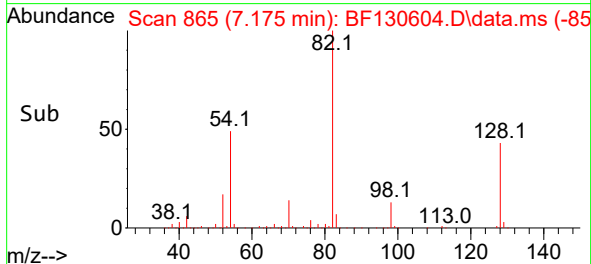
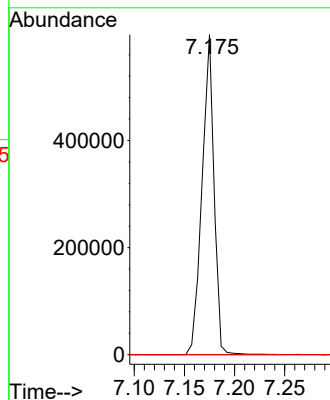
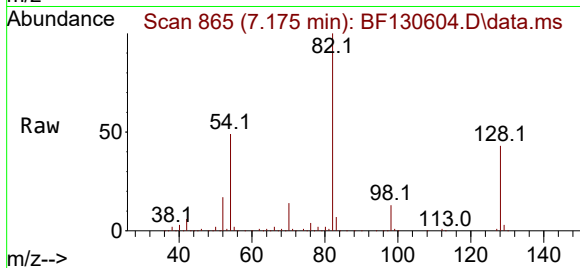




#25
Isophorone
Concen: 45.170 ng
RT: 7.175 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF130604.D
Acq: 10 Oct 2022 15:49

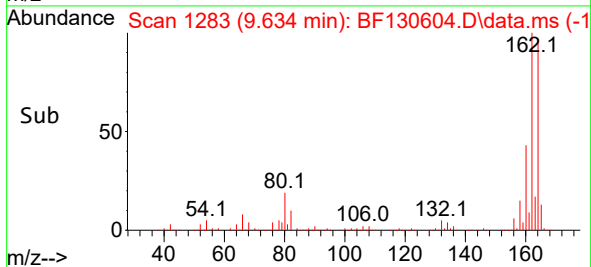
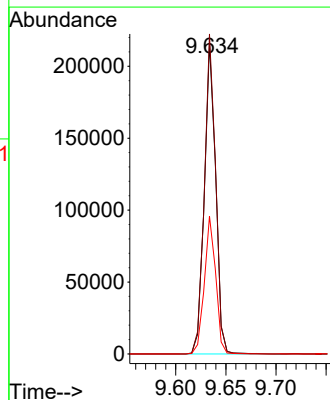
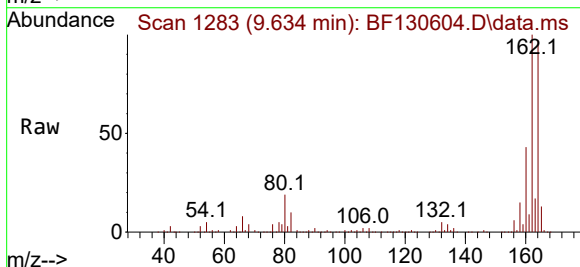
Instrument :
BNA_F
ClientSampleId :
R-1

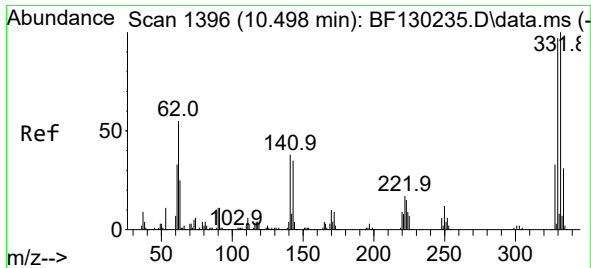
Tgt Ion: 82 Resp: 500370
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.634 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BF130604.D
Acq: 10 Oct 2022 15:49

Tgt Ion:164 Resp: 170744
Ion Ratio Lower Upper
164 100
162 103.0 81.4 122.0
160 44.4 36.2 54.4

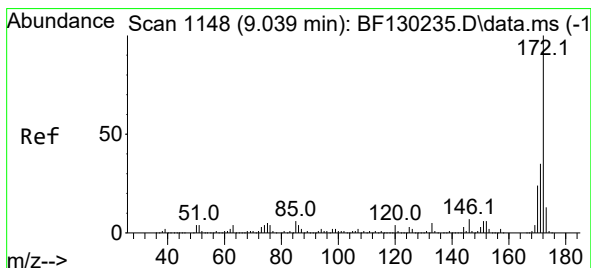
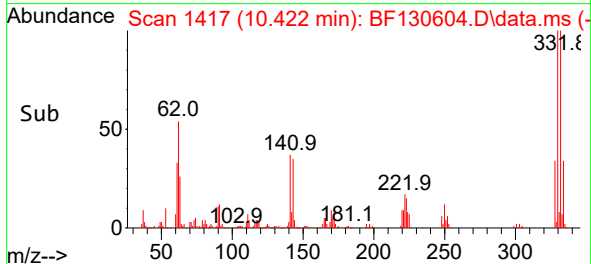
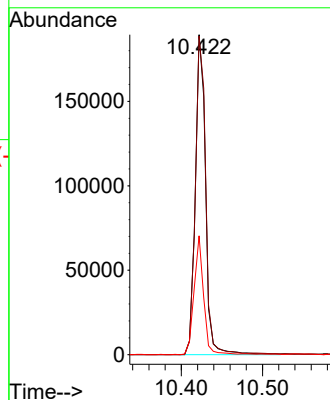
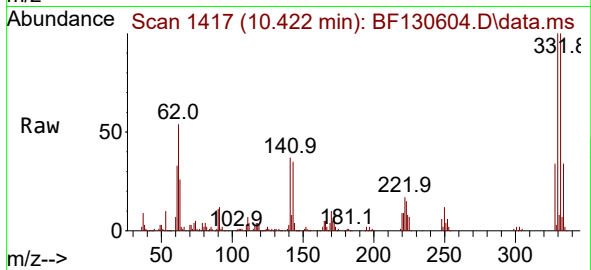




#42
2,4,6-Tribromophenol
Concen: 102.056 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF130604.D
Acq: 10 Oct 2022 15:49

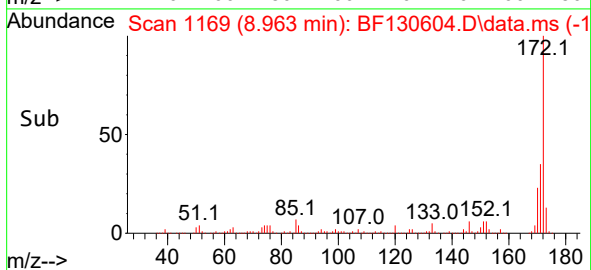
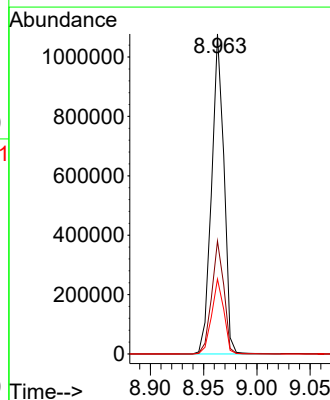
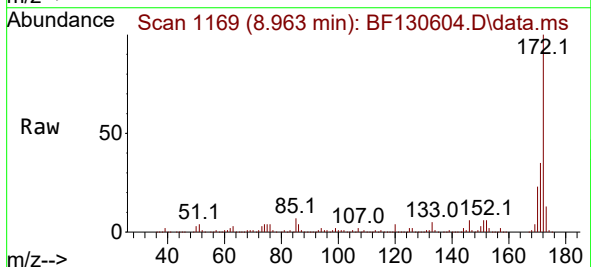
Instrument :
BNA_F
ClientSampleId :
R-1

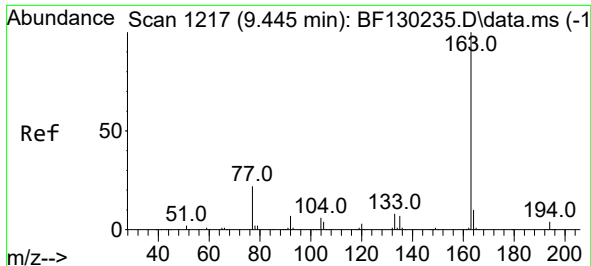
Tgt Ion:330 Resp: 166969
Ion Ratio Lower Upper
330 100
332 100.3 83.4 125.2
141 35.2 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 74.182 ng
RT: 8.963 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF130604.D
Acq: 10 Oct 2022 15:49

Tgt Ion:172 Resp: 869817
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.4 18.7 28.1

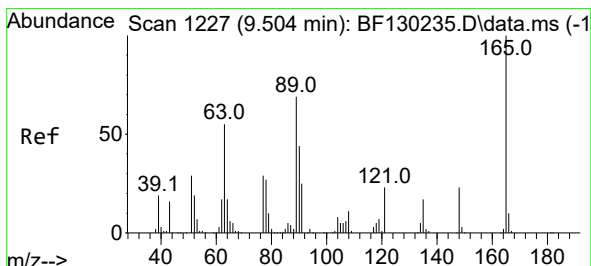
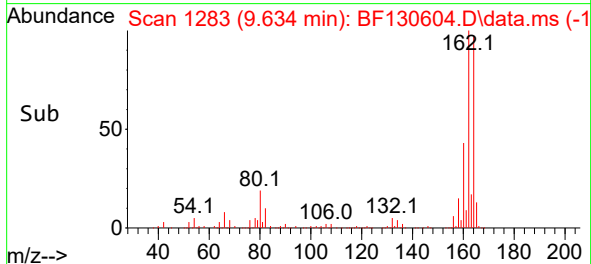
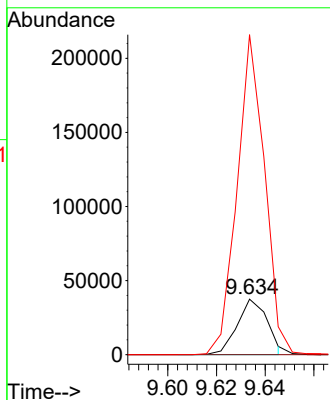
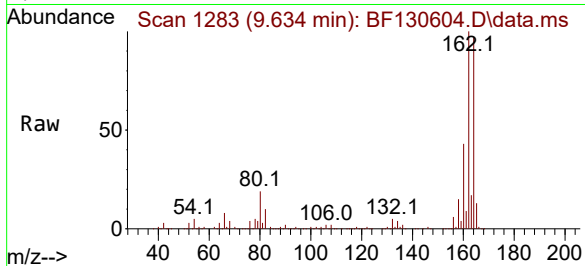




#50
Dimethylphthalate
Concen: 2.739 ng
RT: 9.634 min Scan# 1283
Delta R.T. 0.259 min
Lab File: BF130604.D
Acq: 10 Oct 2022 15:49

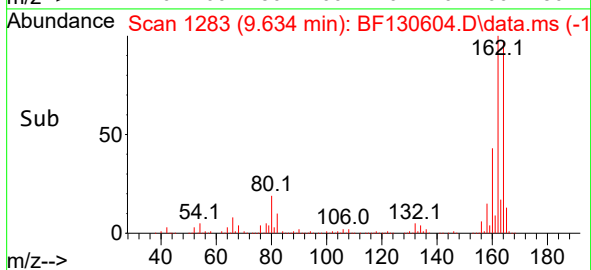
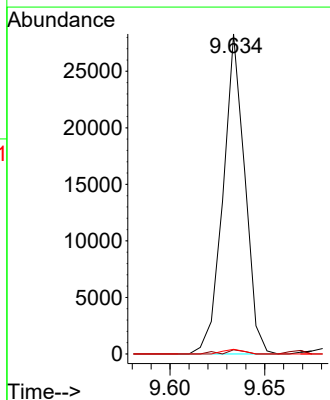
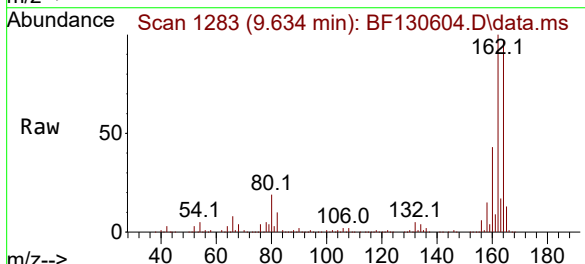
Instrument :
BNA_F
ClientSampleId :
R-1

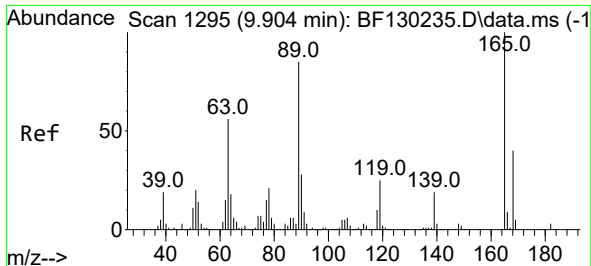
Tgt Ion:163 Resp: 32304
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 576.8 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.166 ng
RT: 9.634 min Scan# 1283
Delta R.T. 0.194 min
Lab File: BF130604.D
Acq: 10 Oct 2022 15:49

Tgt Ion:165 Resp: 22610
Ion Ratio Lower Upper
165 100
63 1.3 58.8 88.2#
89 1.4 54.5 81.7#

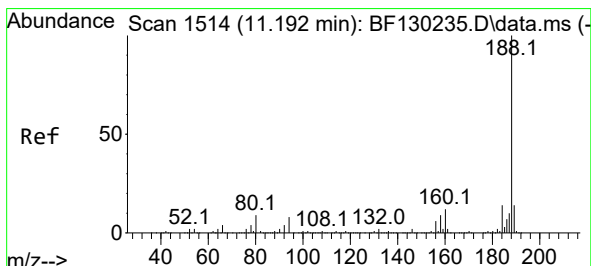
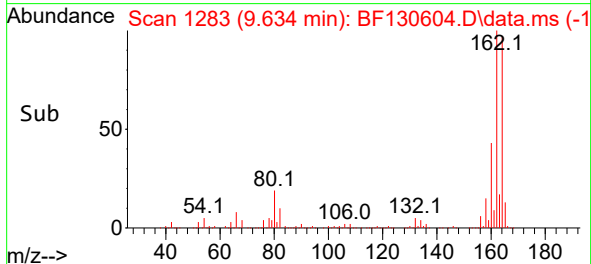
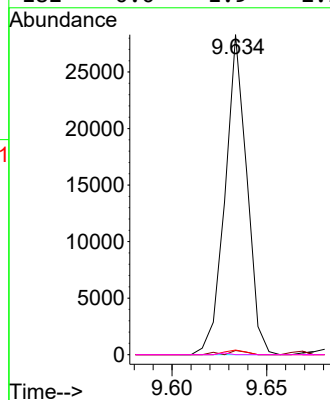
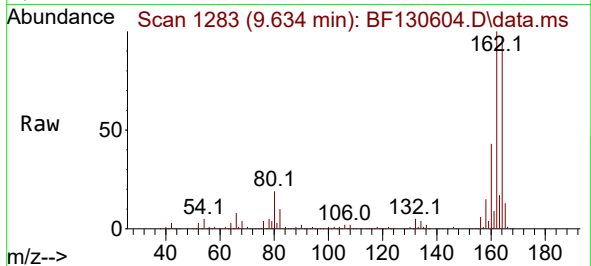




#57
2,4-Dinitrotoluene
Concen: 7.172 ng
RT: 9.634 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF130604.D
Acq: 10 Oct 2022 15:49

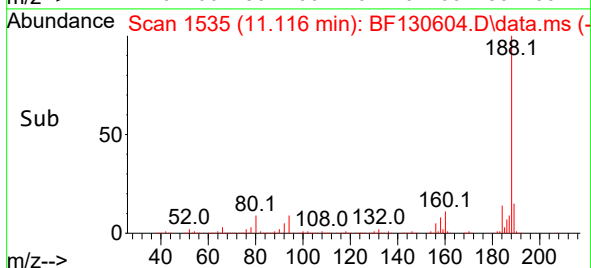
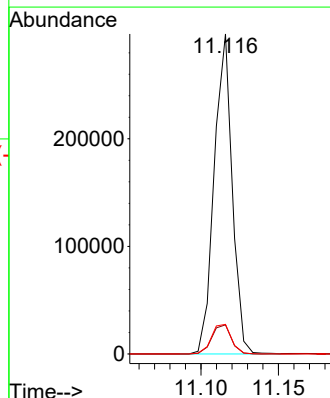
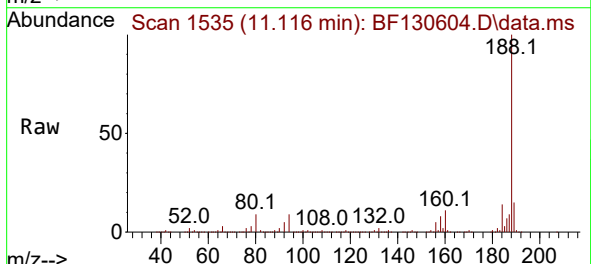
Instrument :
BNA_F
ClientSampleId :
R-1

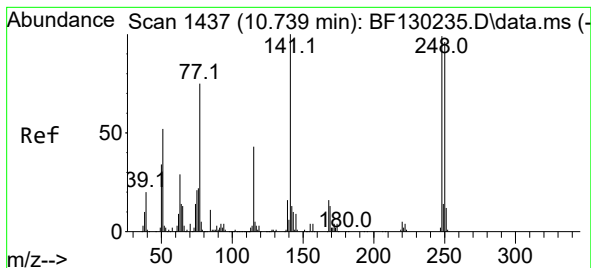
Tgt Ion:165 Resp: 22610
Ion Ratio Lower Upper
165 100
63 1.3 44.7 67.1#
89 1.4 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.116 min Scan# 1535
Delta R.T. 0.000 min
Lab File: BF130604.D
Acq: 10 Oct 2022 15:49

Tgt Ion:188 Resp: 240424
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.2
80 9.2 7.9 11.9

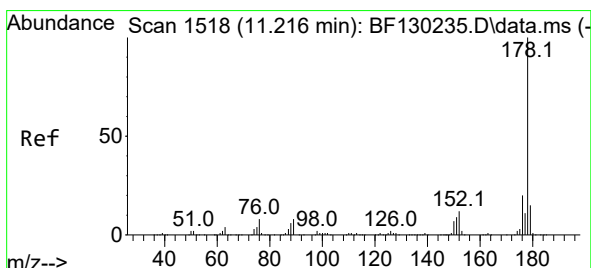
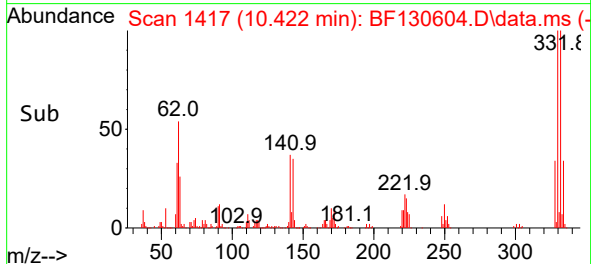
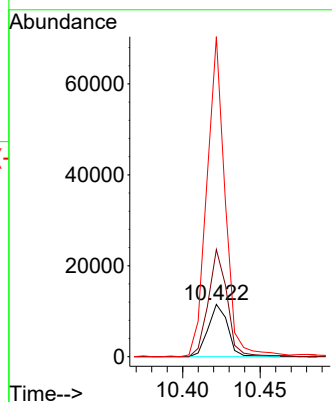
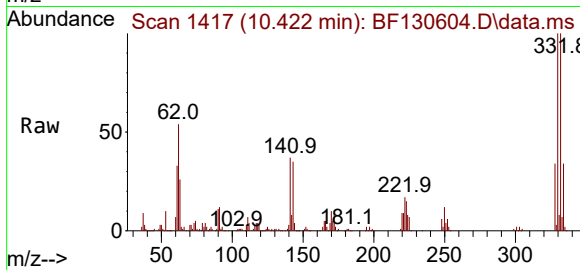




#67
4-Bromophenyl-phenylether
Concen: 3.813 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.247 min
Lab File: BF130604.D
Acq: 10 Oct 2022 15:49

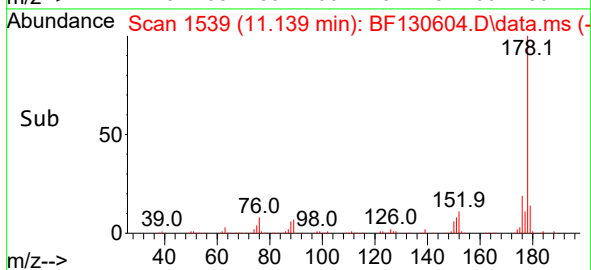
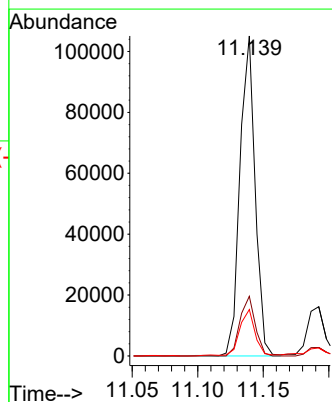
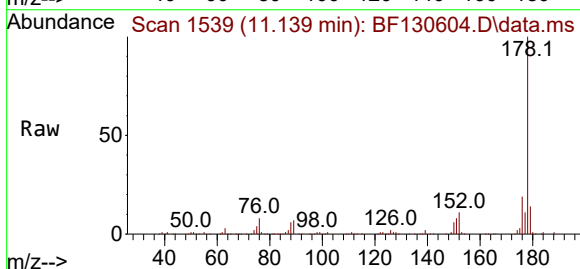
Instrument :
BNA_F
ClientSampleId :
R-1

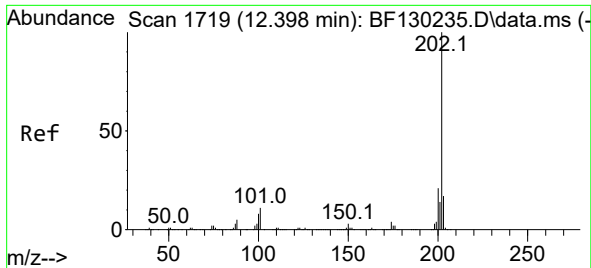
Tgt Ion:248 Resp: 10112
Ion Ratio Lower Upper
248 100
250 205.0 80.0 120.0#
141 612.1 68.5 102.7#



#71
Phenanthrene
Concen: 6.295 ng
RT: 11.139 min Scan# 1539
Delta R.T. -0.006 min
Lab File: BF130604.D
Acq: 10 Oct 2022 15:49

Tgt Ion:178 Resp: 84975
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.0
179 14.5 12.4 18.6

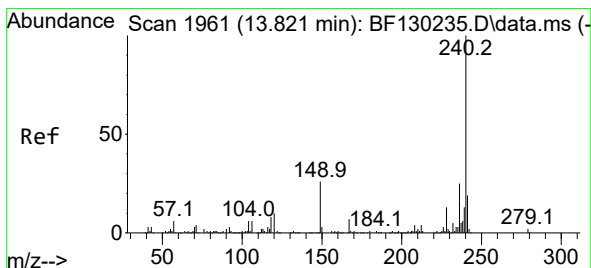
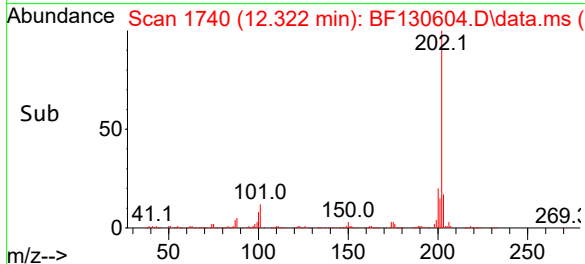
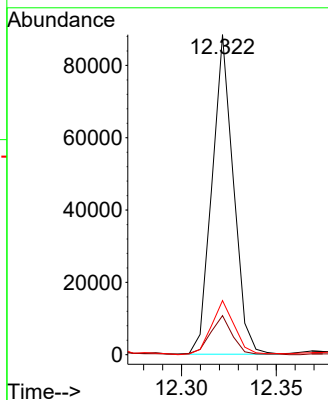
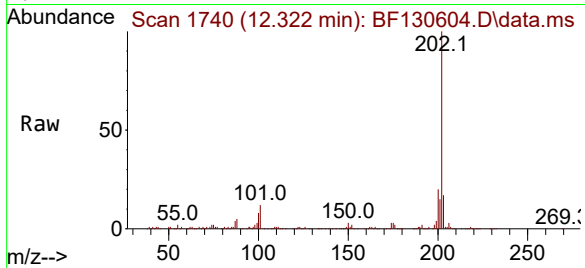




#75
Fluoranthene
Concen: 5.321 ng
RT: 12.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130604.D
Acq: 10 Oct 2022 15:49

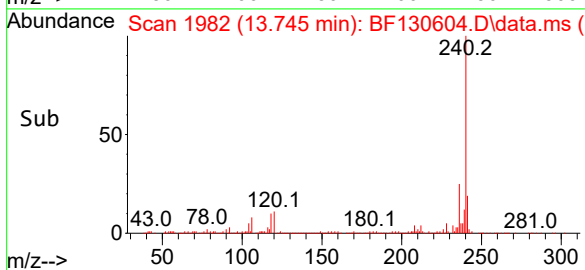
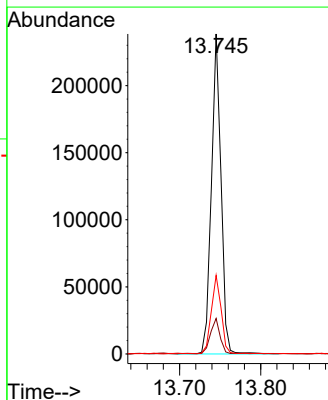
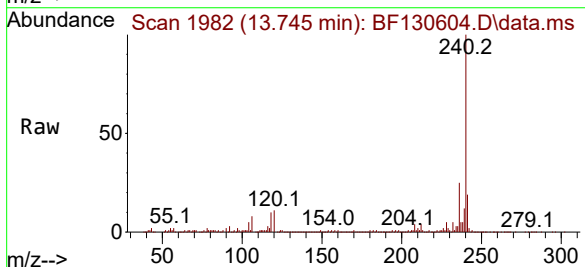
Instrument :
BNA_F
ClientSampleId :
R-1

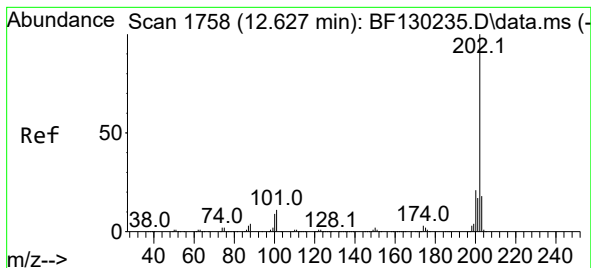
Tgt Ion:	202	Resp:	69409
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	31.8
203	16.9	0.0	37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.745 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BF130604.D
Acq: 10 Oct 2022 15:49

Tgt Ion:	240	Resp:	195293
Ion Ratio	Lower	Upper	
240	100		
120	11.1	8.7	13.1
236	24.6	20.9	31.3





#78

Pyrene

Concen: 5.650 ng

RT: 12.551 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF130604.D

Acq: 10 Oct 2022 15:49

Instrument :

BNA_F

ClientSampleId :

R-1

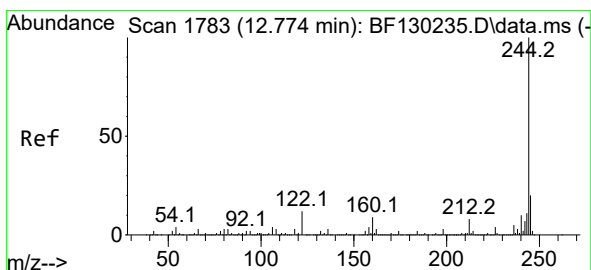
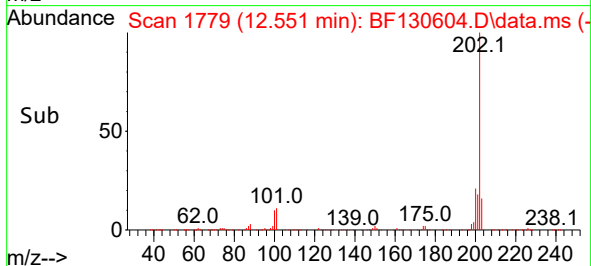
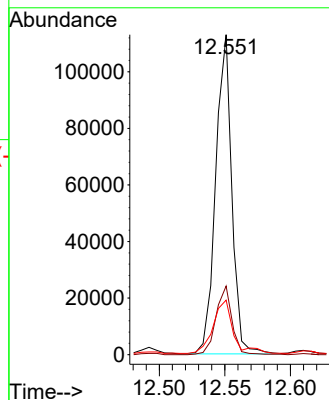
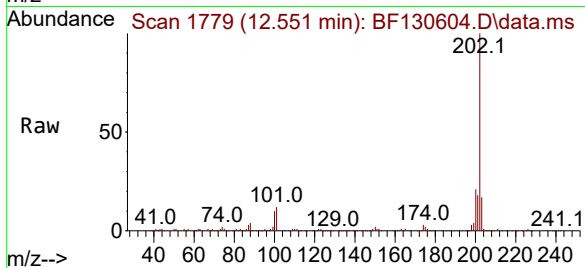
Tgt Ion:202 Resp: 96523

Ion Ratio Lower Upper

202 100

200 21.4 17.2 25.8

203 17.1 14.3 21.5



#79

Terphenyl-d14

Concen: 59.603 ng

RT: 12.698 min Scan# 1804

Delta R.T. 0.000 min

Lab File: BF130604.D

Acq: 10 Oct 2022 15:49

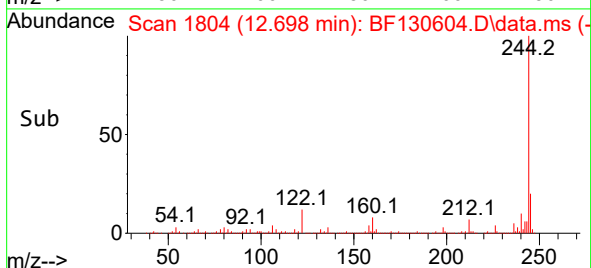
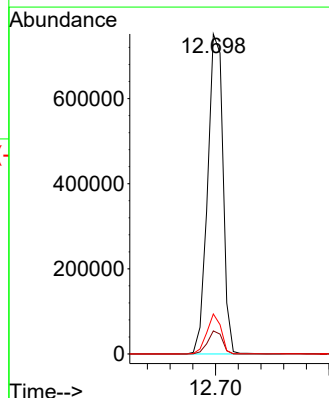
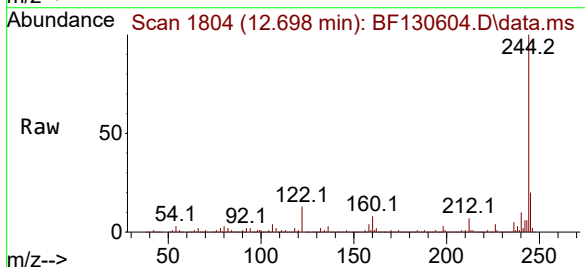
Tgt Ion:244 Resp: 702692

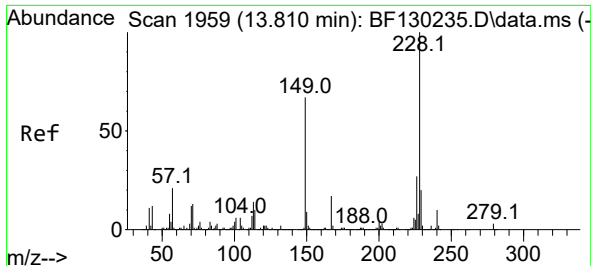
Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 12.5 8.5 12.7

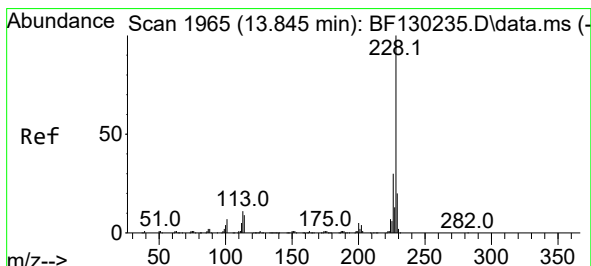
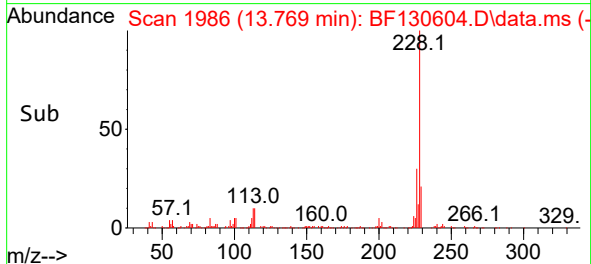
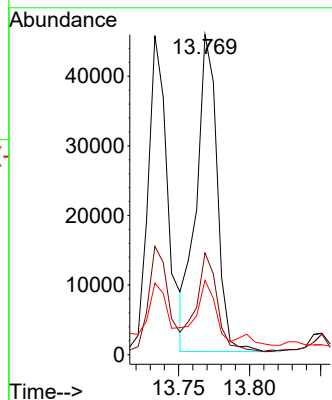
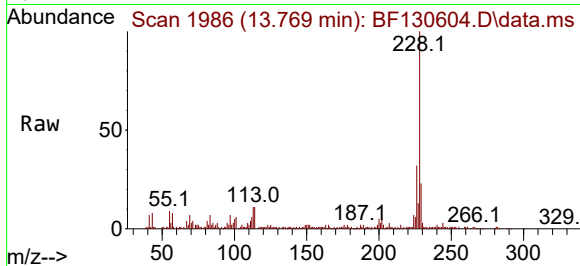




#81
Benzo(a)anthracene
Concen: 3.588 ng
RT: 13.769 min Scan# 1959
Delta R.T. 0.030 min
Lab File: BF130604.D
Acq: 10 Oct 2022 15:49

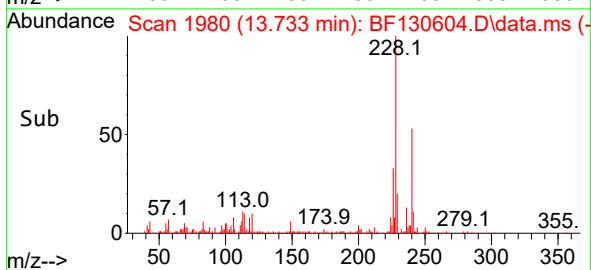
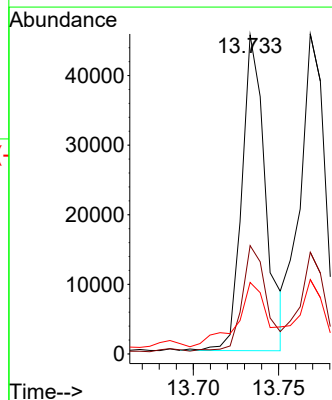
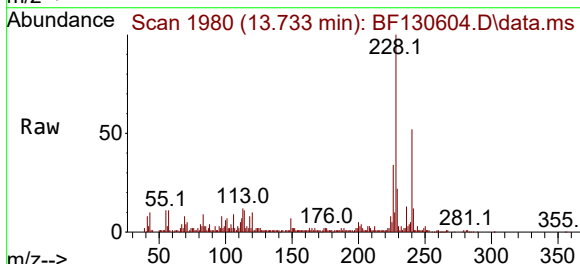
Instrument :
BNA_F
ClientSampleId :
R-1

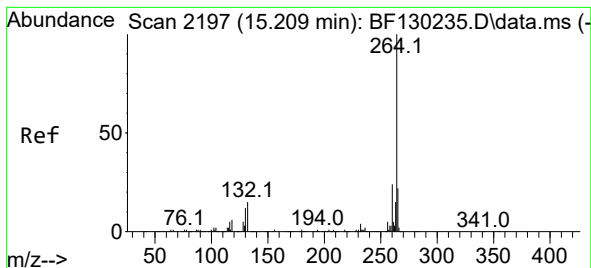
Tgt Ion:228 Resp: 46614
Ion Ratio Lower Upper
228 100
226 31.8 21.9 32.9
229 23.2 16.1 24.1



#83
Chrysene
Concen: 3.542 ng
RT: 13.733 min Scan# 1980
Delta R.T. -0.041 min
Lab File: BF130604.D
Acq: 10 Oct 2022 15:49

Tgt Ion:228 Resp: 43691
Ion Ratio Lower Upper
228 100
226 33.9 23.8 35.8
229 22.4 15.3 22.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.127 min Scan# 2197

Delta R.T. 0.000 min

Lab File: BF130604.D

Acq: 10 Oct 2022 15:49

Instrument :

BNA_F

ClientSampleId :

R-1

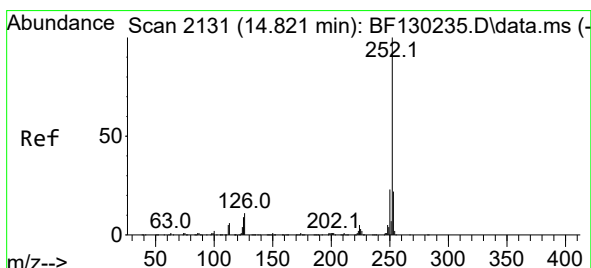
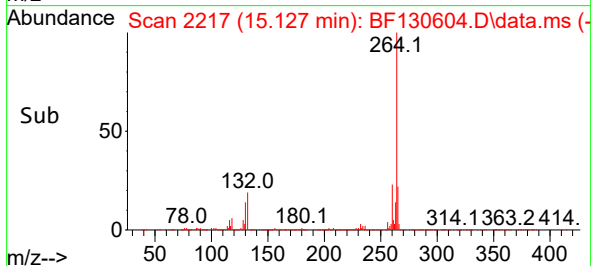
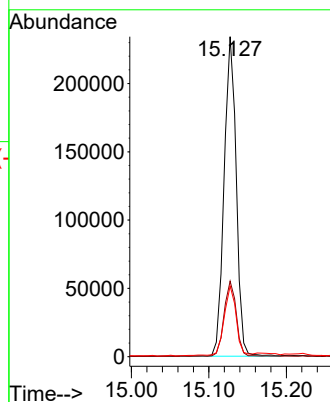
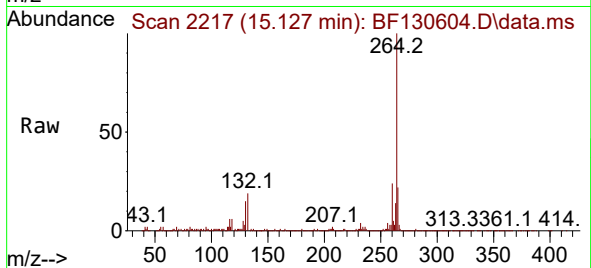
Tgt Ion:264 Resp: 253979

Ion Ratio Lower Upper

264 100

260 23.6 19.3 28.9

265 22.1 17.0 25.4



#88

Benzo(b)fluoranthene

Concen: 5.233 ng

RT: 14.745 min Scan# 2152

Delta R.T. 0.000 min

Lab File: BF130604.D

Acq: 10 Oct 2022 15:49

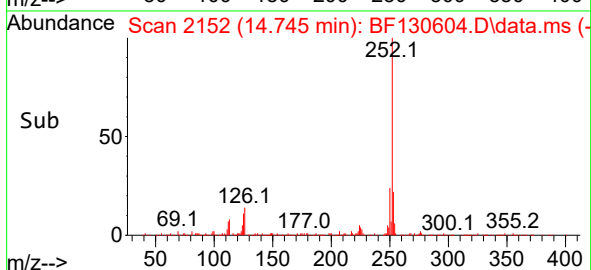
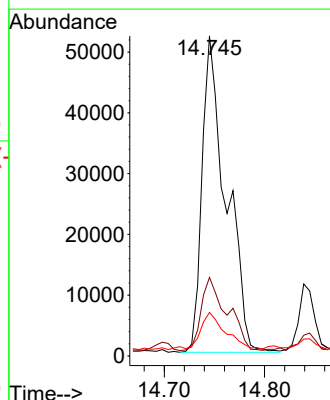
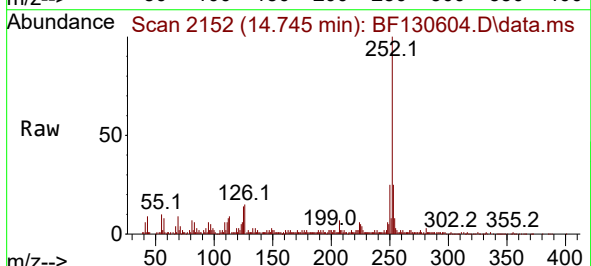
Tgt Ion:252 Resp: 86746

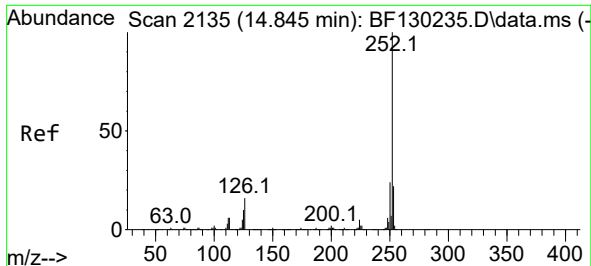
Ion Ratio Lower Upper

252 100

253 24.6 17.7 26.5

125 13.6 8.1 12.1#





#89

Benzo(k)fluoranthene

Concen: 5.320 ng

RT: 14.745 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF130604.D

Acq: 10 Oct 2022 15:49

Instrument :

BNA_F

ClientSampleId :

R-1

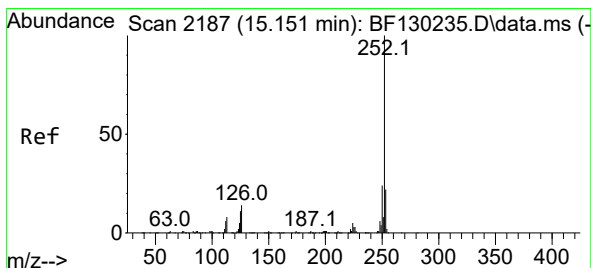
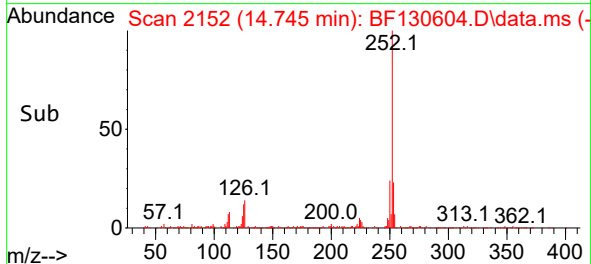
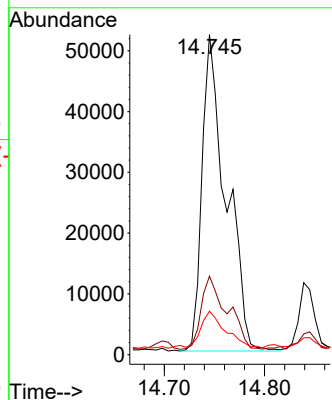
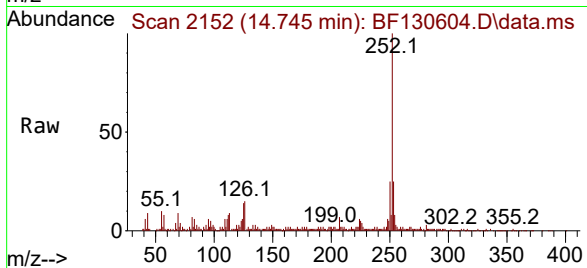
Tgt Ion:252 Resp: 86746

Ion Ratio Lower Upper

252 100

253 24.6 17.4 26.2

125 13.6 7.9 11.9#



#90

Benzo(a)pyrene

Concen: 3.999 ng

RT: 15.068 min Scan# 2207

Delta R.T. -0.006 min

Lab File: BF130604.D

Acq: 10 Oct 2022 15:49

Tgt Ion:252 Resp: 52517

Ion Ratio Lower Upper

252 100

253 26.6 17.8 26.6

125 14.6 9.0 13.6#

