

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100622\
 Data File : BF130562.D
 Acq On : 06 Oct 2022 21:32
 Operator : CG\JU
 Sample : N5014-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-0-2.0

Quant Time: Oct 07 02:12:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 07 02:06:46 2022
 Response via : Initial Calibration

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

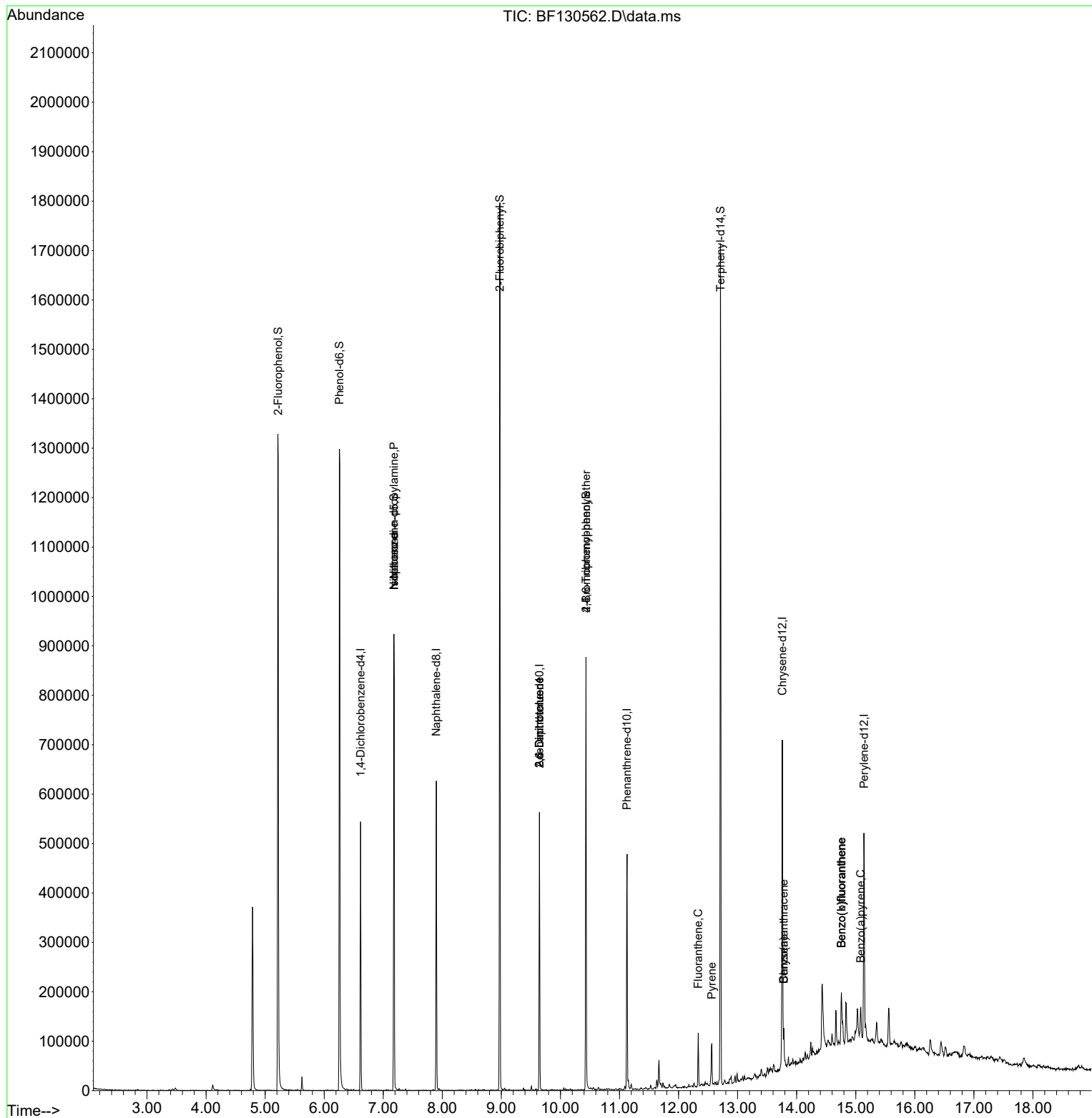
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.616	152	71729	20.000	ng	0.00
21) Naphthalene-d8	7.898	136	237734	20.000	ng	# 0.00
39) Acenaphthene-d10	9.645	164	98485	20.000	ng	0.00
64) Phenanthrene-d10	11.127	188	161881	20.000	ng	0.00
76) Chrysene-d12	13.757	240	187983	20.000	ng	0.00
86) Perylene-d12	15.139	264	171091	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.222	112	391783	94.736	ng	0.00
7) Phenol-d6	6.257	99	449167	86.804	ng	-0.01
23) Nitrobenzene-d5	7.181	82	285795	61.417	ng	-0.01
42) 2,4,6-Tribromophenol	10.433	330	91596	97.063	ng	0.00
45) 2-Fluorobiphenyl	8.975	172	465218	68.787	ng	0.00
79) Terphenyl-d14	12.710	244	543733	47.913	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.181	70	38226	10.948	ng	# 75
25) Isophorone	7.181	82	285791	38.105	ng	# 66
51) 2,6-Dinitrotoluene	9.645	165	13078	9.192	ng	# 15
57) 2,4-Dinitrotoluene	9.645	165	13078	7.192	ng	# 15
67) 4-Bromophenyl-phenylether	10.433	248	5595	3.133	ng	# 1
75) Fluoranthene	12.333	202	33867	3.856	ng	97
78) Pyrene	12.563	202	34910	2.123	ng	99
81) Benzo(a)anthracene	13.780	228	25326	2.025	ng	93
83) Chrysene	13.780	228	25326	2.133	ng	95
88) Benzo(b)fluoranthene	14.757	252	60478	5.416	ng	# 98
89) Benzo(k)fluoranthene	14.757	252	60478	5.506	ng	# 97
90) Benzo(a)pyrene	15.086	252	26854	3.035	ng	97

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

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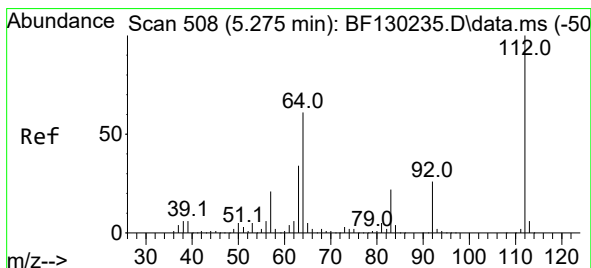
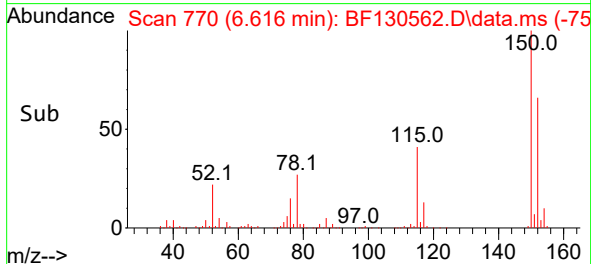
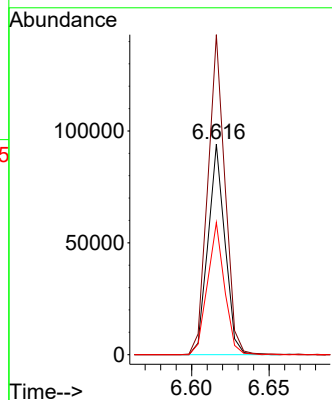
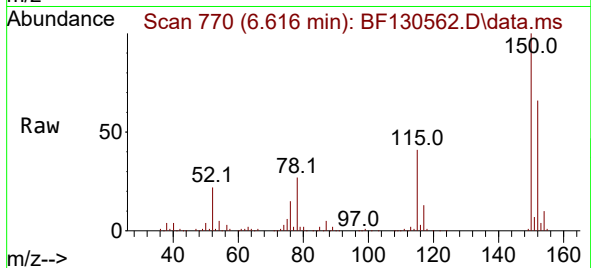




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.616 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF130562.D
 Acq: 06 Oct 2022 21:32

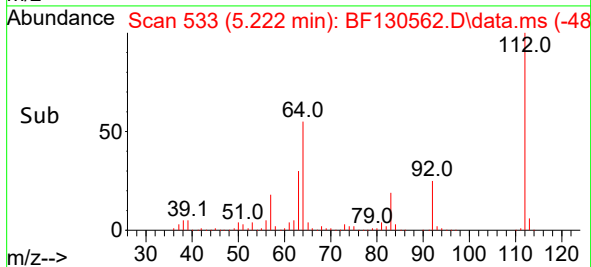
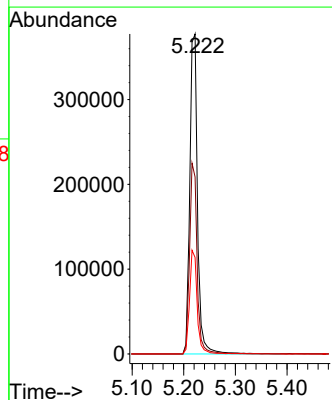
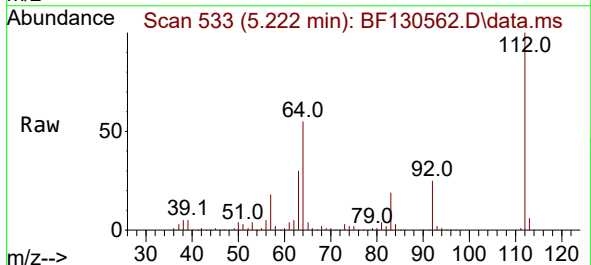
Instrument :
 BNA_F
 ClientSampleId :
 SB-07-0-2.0

Tgt Ion:152 Resp: 71729
 Ion Ratio Lower Upper
 152 100
 150 152.0 122.8 184.2
 115 62.8 53.8 80.8



#5
 2-Fluorophenol
 Concen: 94.736 ng
 RT: 5.222 min Scan# 533
 Delta R.T. 0.006 min
 Lab File: BF130562.D
 Acq: 06 Oct 2022 21:32

Tgt Ion:112 Resp: 391783
 Ion Ratio Lower Upper
 112 100
 64 55.3 51.4 77.0
 63 30.2 28.8 43.2

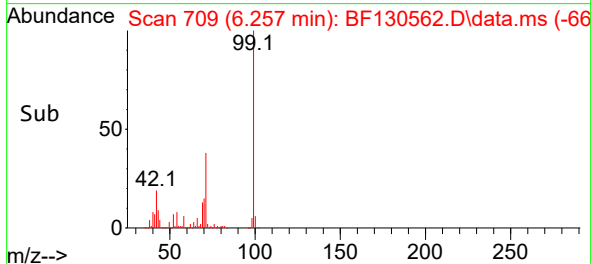
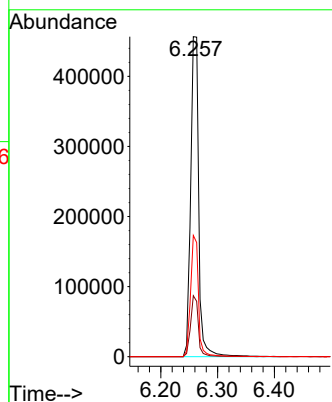
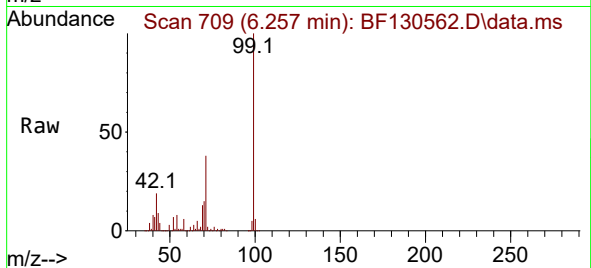




#7
Phenol-d6
Concen: 86.804 ng
RT: 6.257 min Scan# 709
Delta R.T. -0.012 min
Lab File: BF130562.D
Acq: 06 Oct 2022 21:32

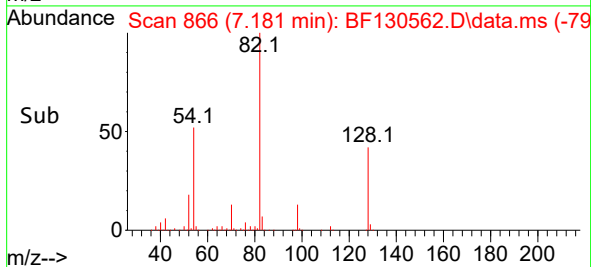
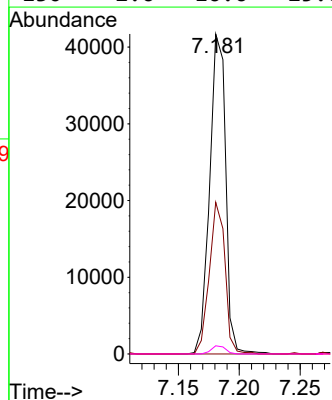
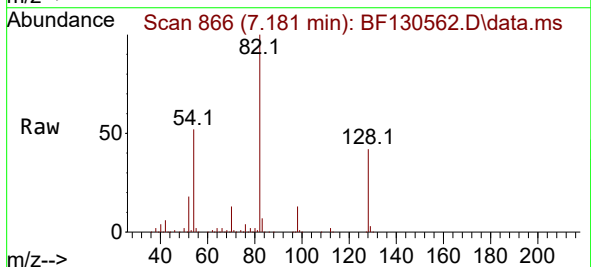
Instrument :
BNA_F
ClientSampleId :
SB-07-0-2.0

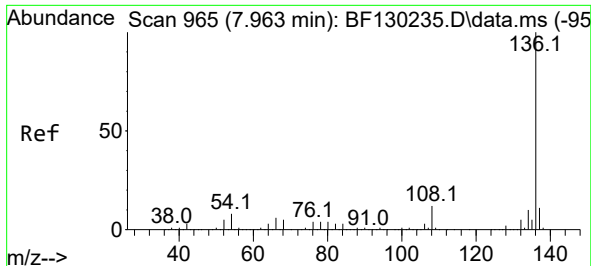
Tgt Ion: 99 Resp: 449167
Ion Ratio Lower Upper
99 100
42 19.1 17.0 25.6
71 37.9 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 10.948 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.135 min
Lab File: BF130562.D
Acq: 06 Oct 2022 21:32

Tgt Ion: 70 Resp: 38226
Ion Ratio Lower Upper
70 100
42 47.4 50.8 76.2#
101 0.0 8.2 12.4#
130 2.6 16.6 25.0#

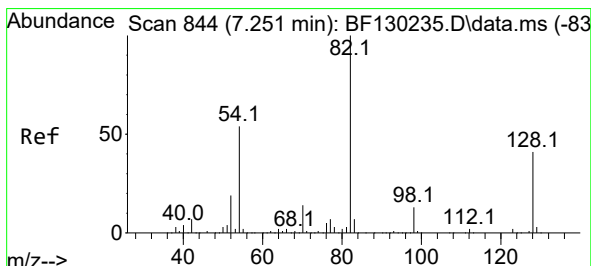
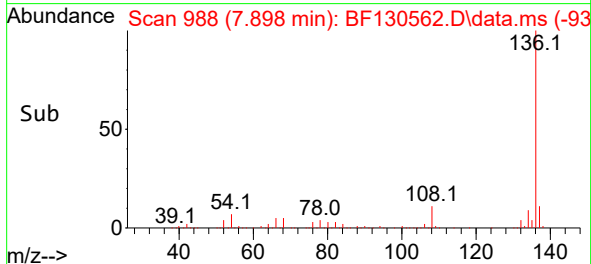
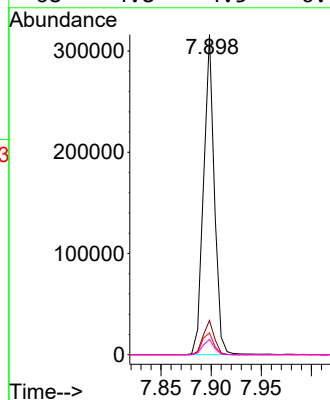
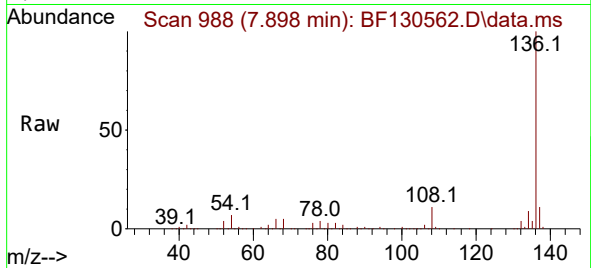




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.898 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130562.D
Acq: 06 Oct 2022 21:32

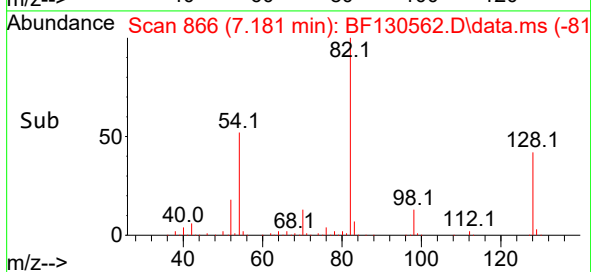
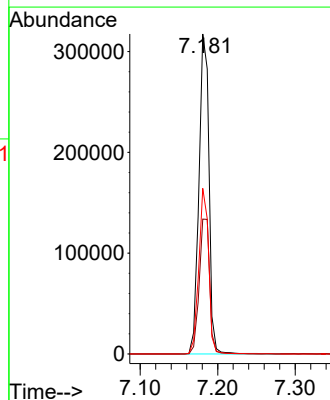
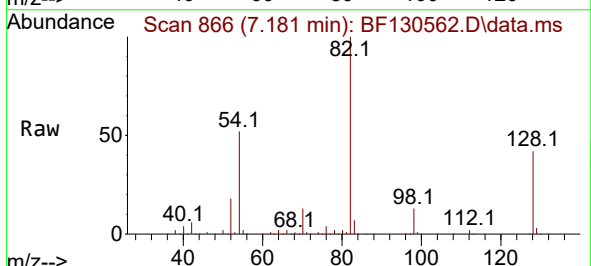
Instrument :
BNA_F
ClientSampleId :
SB-07-0-2.0

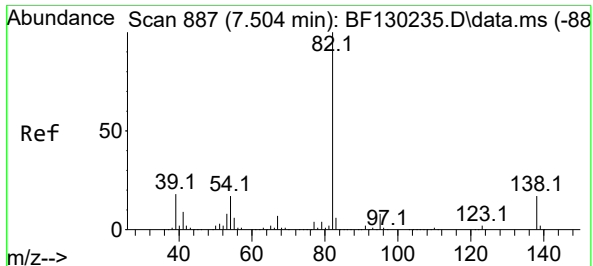
Tgt Ion	136	Resp: Lower	237734 Upper
136	100		
137	10.7	9.1	13.7
54	6.7	7.1	10.7#
68	4.8	4.5	6.7



#23
Nitrobenzene-d5
Concen: 61.417 ng
RT: 7.181 min Scan# 866
Delta R.T. -0.012 min
Lab File: BF130562.D
Acq: 06 Oct 2022 21:32

Tgt Ion: 82	Resp: 285795
Ion Ratio	Lower Upper
82 100	
128 42.1	32.6 49.0
54 51.7	43.8 65.6

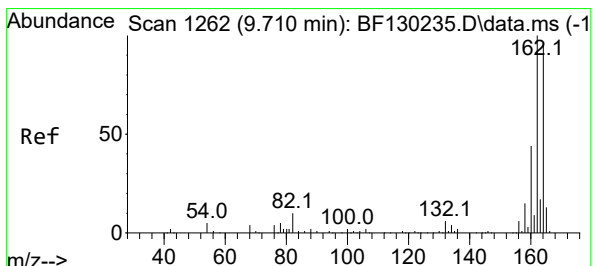
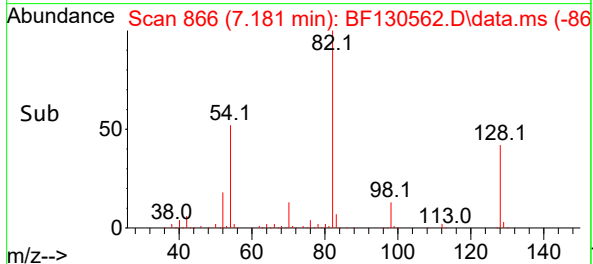
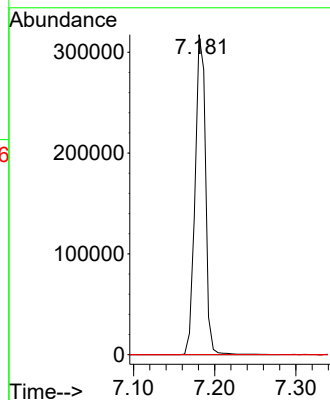
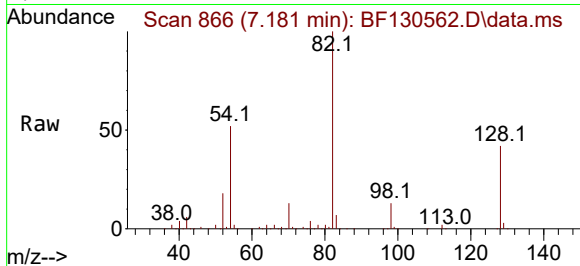




#25
Isophorone
Concen: 38.105 ng
RT: 7.181 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF130562.D
Acq: 06 Oct 2022 21:32

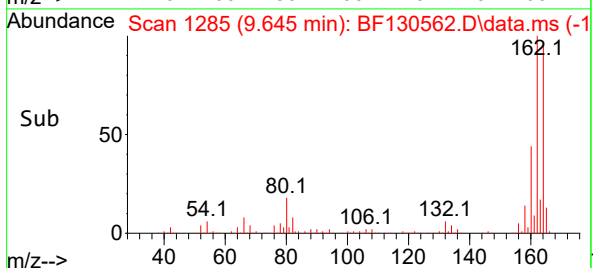
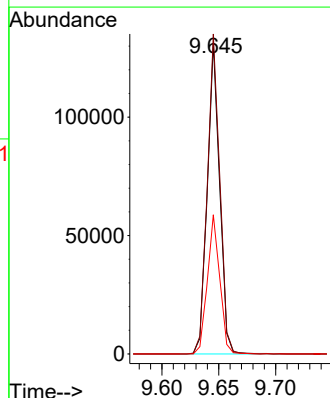
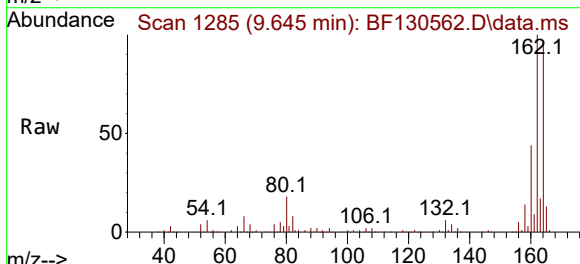
Instrument :
BNA_F
ClientSampleId :
SB-07-0-2.0

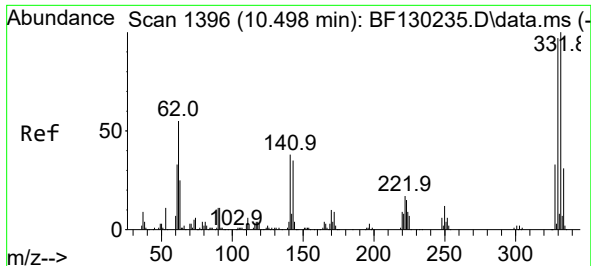
Tgt Ion: 82 Resp: 285791
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BF130562.D
Acq: 06 Oct 2022 21:32

Tgt Ion: 164 Resp: 98485
Ion Ratio Lower Upper
164 100
162 102.9 81.4 122.0
160 44.8 36.2 54.4

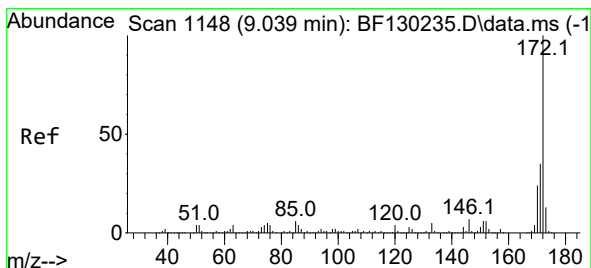
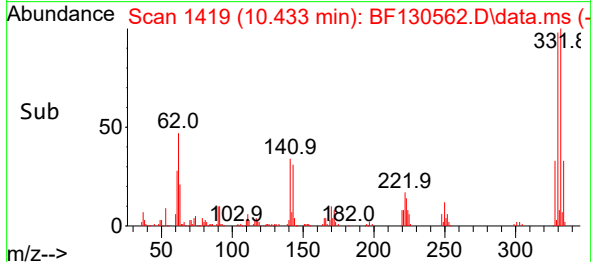
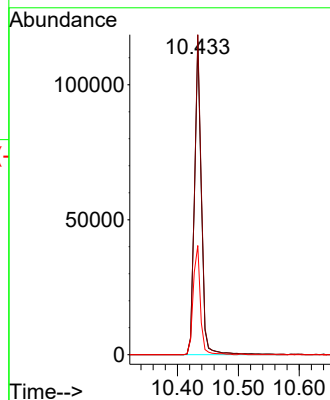
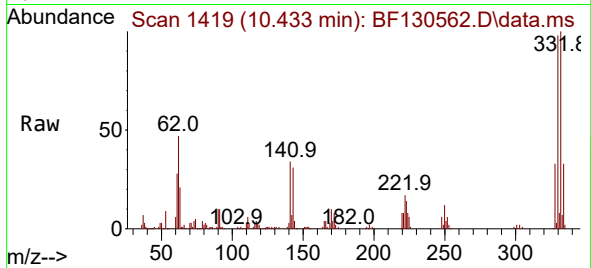




#42
2,4,6-Tribromophenol
Concen: 97.063 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF130562.D
Acq: 06 Oct 2022 21:32

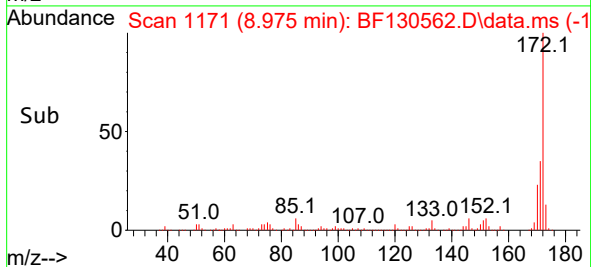
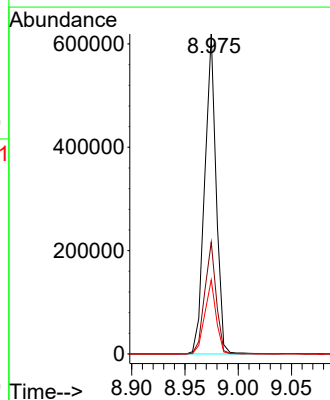
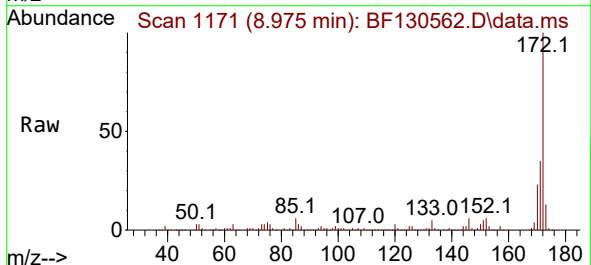
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ClientSampleId :
SB-07-0-2.0

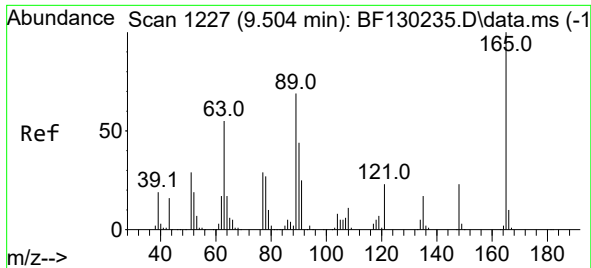
Tgt Ion:330 Resp: 91596
Ion Ratio Lower Upper
330 100
332 101.9 83.4 125.2
141 36.1 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 68.787 ng
RT: 8.975 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF130562.D
Acq: 06 Oct 2022 21:32

Tgt Ion:172 Resp: 465218
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.1 18.7 28.1

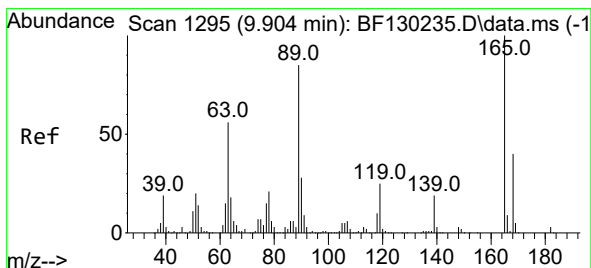
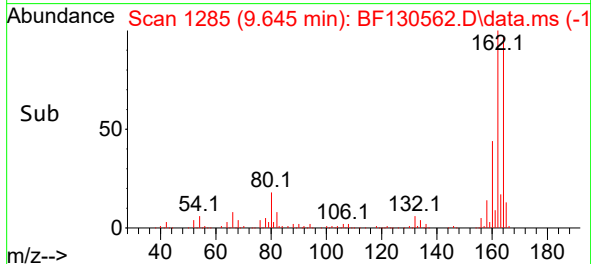
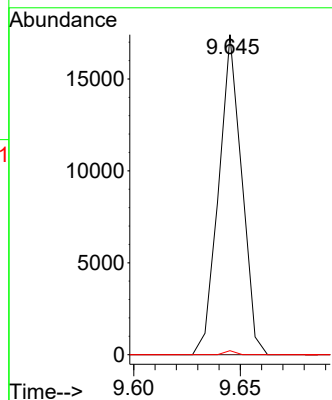
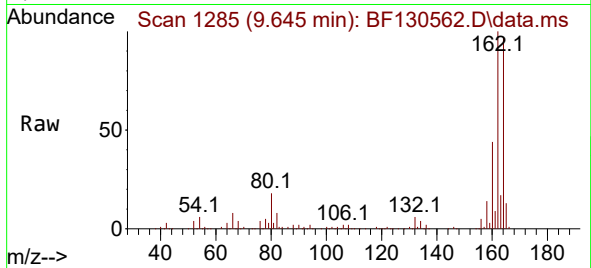




#51
2,6-Dinitrotoluene
Concen: 9.192 ng
RT: 9.645 min Scan# 1285
Delta R.T. 0.194 min
Lab File: BF130562.D
Acq: 06 Oct 2022 21:32

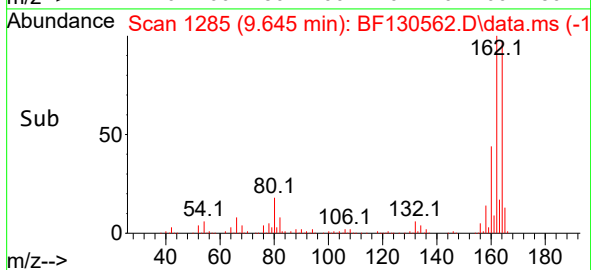
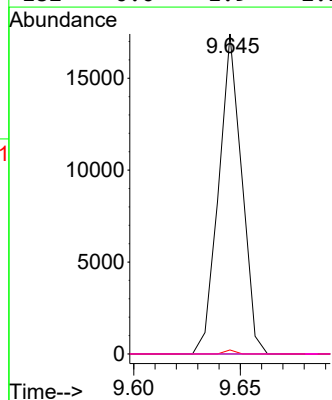
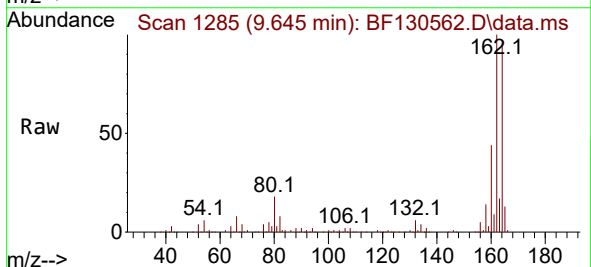
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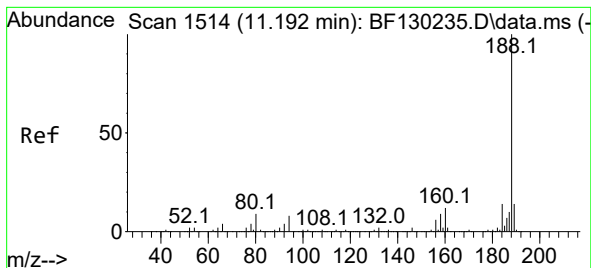
Tgt Ion:165 Resp: 13078
Ion Ratio Lower Upper
165 100
63 0.0 58.8 88.2#
89 1.3 54.5 81.7#



#57
2,4-Dinitrotoluene
Concen: 7.192 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.206 min
Lab File: BF130562.D
Acq: 06 Oct 2022 21:32

Tgt Ion:165 Resp: 13078
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 1.3 69.0 103.4#
182 0.0 1.9 2.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.127 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130562.D

Acq: 06 Oct 2022 21:32

Instrument :

BNA_F

ClientSampleId :

SB-07-0-2.0

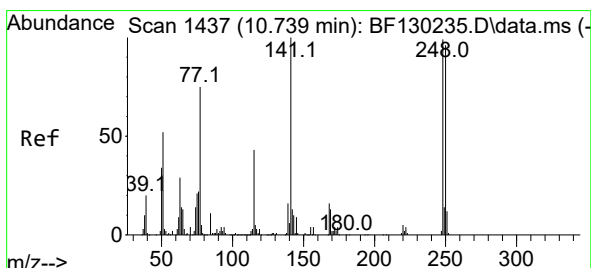
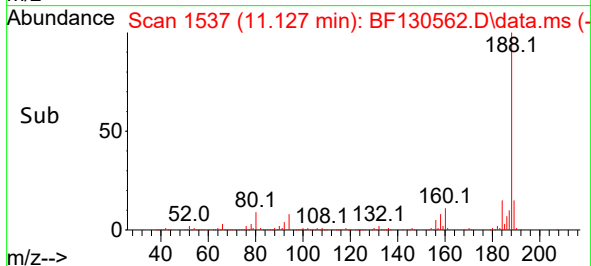
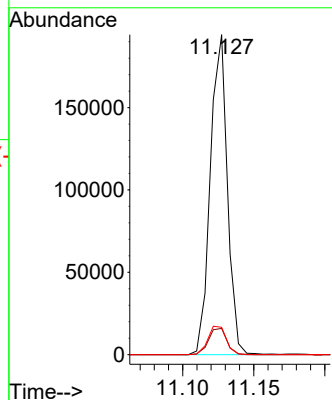
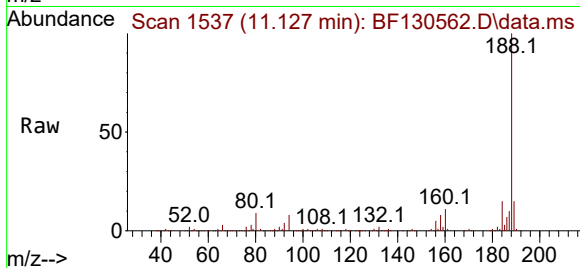
Tgt Ion:188 Resp: 161881

Ion Ratio Lower Upper

188 100

94 8.2 7.4 11.2

80 8.5 7.9 11.9



#67

4-Bromophenyl-phenylether

Concen: 3.133 ng

RT: 10.433 min Scan# 1419

Delta R.T. -0.247 min

Lab File: BF130562.D

Acq: 06 Oct 2022 21:32

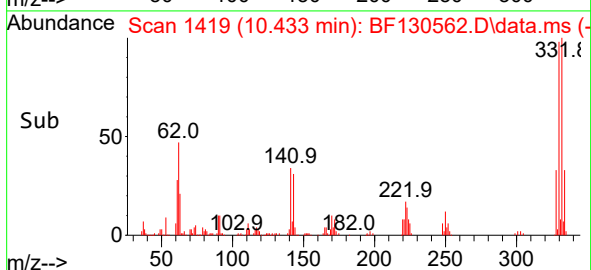
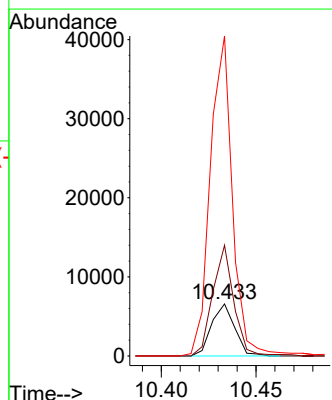
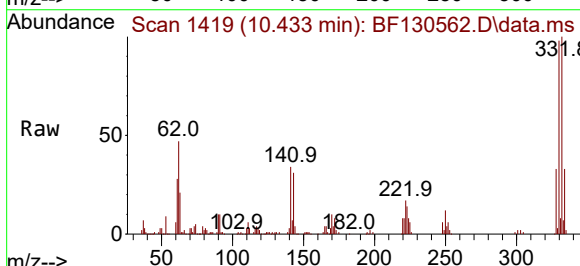
Tgt Ion:248 Resp: 5595

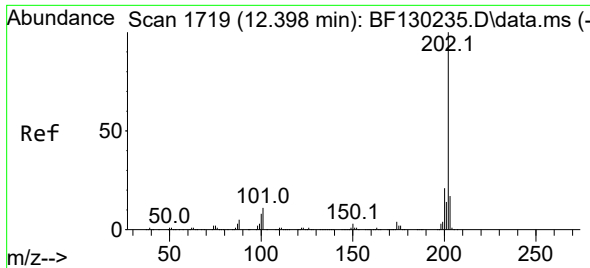
Ion Ratio Lower Upper

248 100

250 212.8 80.0 120.0#

141 614.7 68.5 102.7#

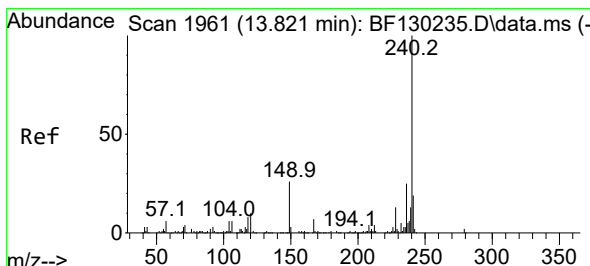
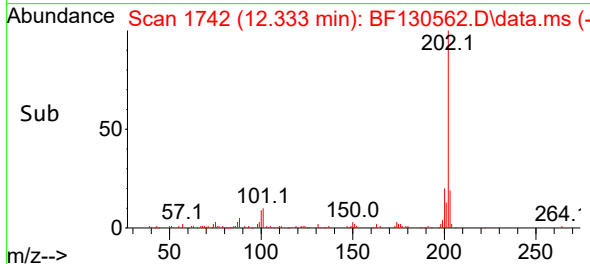
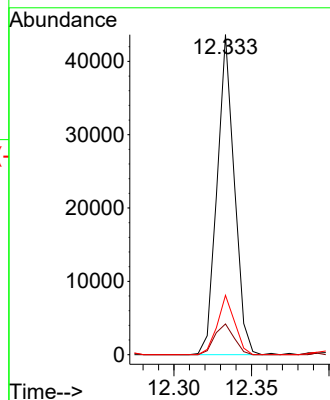
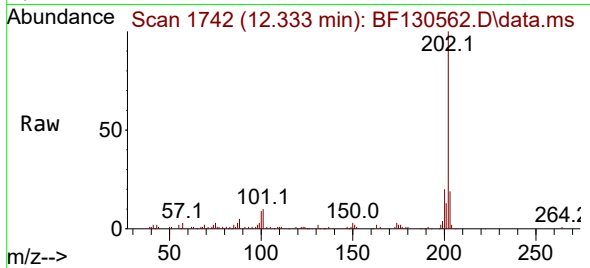




#75
Fluoranthene
Concen: 3.856 ng
RT: 12.333 min Scan# 1742
Delta R.T. -0.006 min
Lab File: BF130562.D
Acq: 06 Oct 2022 21:32

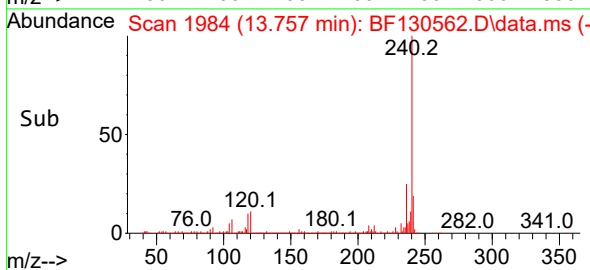
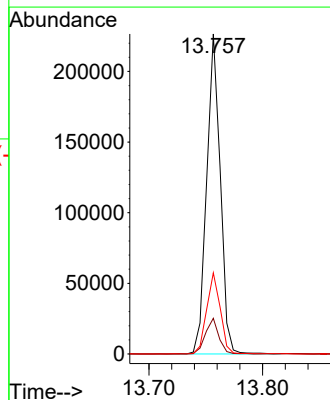
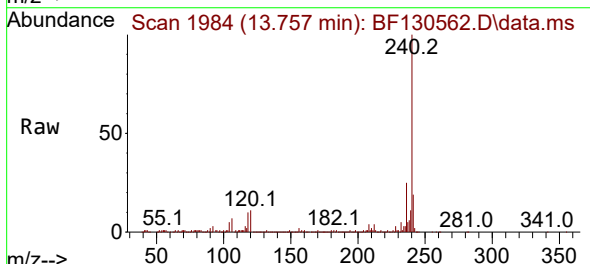
Instrument :
BNA_F
ClientSampleId :
SB-07-0-2.0

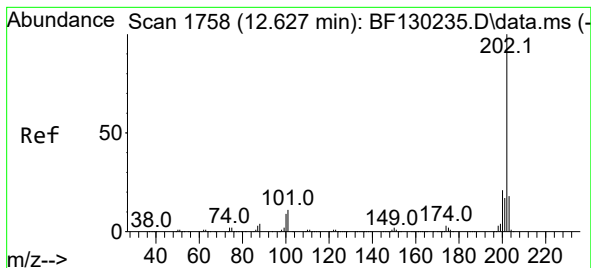
Tgt Ion:202 Resp: 33867
Ion Ratio Lower Upper
202 100
101 9.6 0.0 31.8
203 18.5 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.757 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BF130562.D
Acq: 06 Oct 2022 21:32

Tgt Ion:240 Resp: 187983
Ion Ratio Lower Upper
240 100
120 11.2 8.7 13.1
236 25.4 20.9 31.3





#78

Pyrene

Concen: 2.123 ng

RT: 12.563 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF130562.D

Acq: 06 Oct 2022 21:32

Instrument :

BNA_F

ClientSampleId :

SB-07-0-2.0

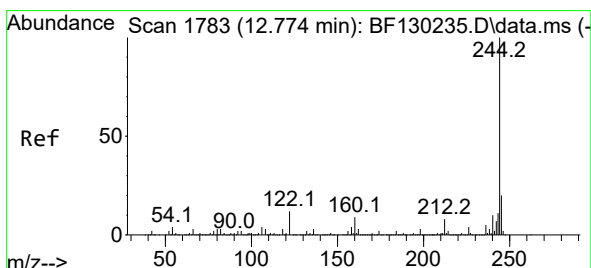
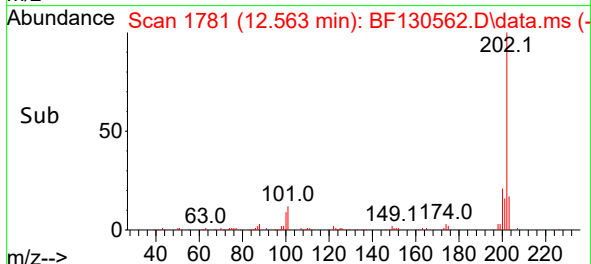
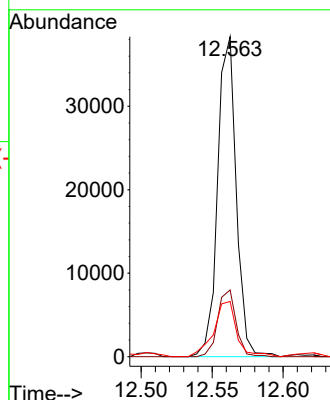
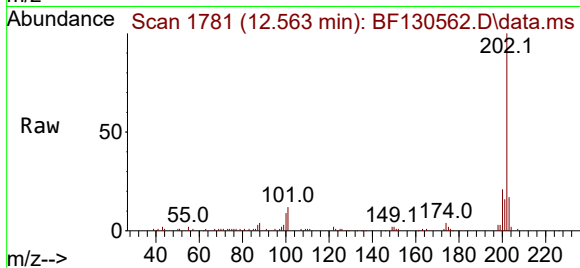
Tgt Ion:202 Resp: 34910

Ion Ratio Lower Upper

202 100

200 20.9 17.2 25.8

203 17.3 14.3 21.5



#79

Terphenyl-d14

Concen: 47.913 ng

RT: 12.710 min Scan# 1806

Delta R.T. -0.006 min

Lab File: BF130562.D

Acq: 06 Oct 2022 21:32

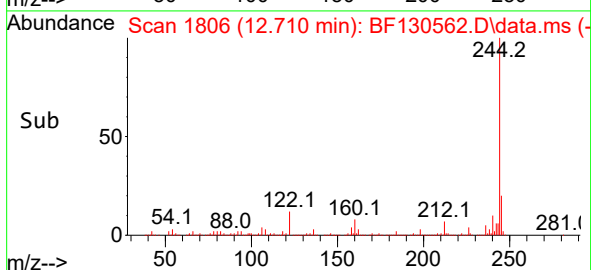
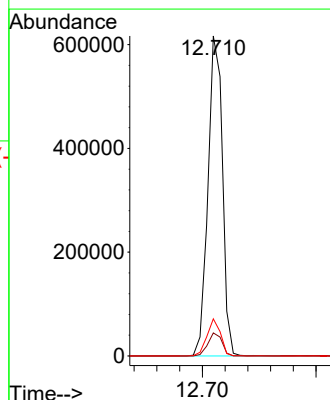
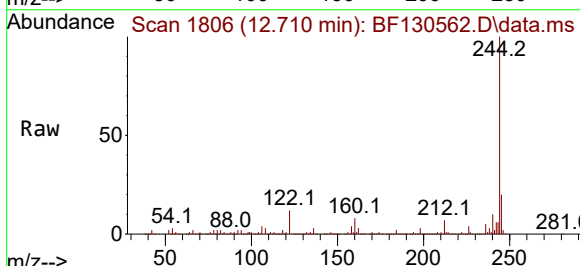
Tgt Ion:244 Resp: 543733

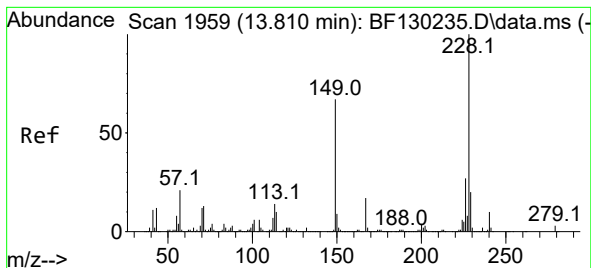
Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 11.6 8.5 12.7





#81

Benzo(a)anthracene

Concen: 2.025 ng

RT: 13.780 min Scan# 1959

Delta R.T. 0.029 min

Lab File: BF130562.D

Acq: 06 Oct 2022 21:32

Instrument :

BNA_F

ClientSampleId :

SB-07-0-2.0

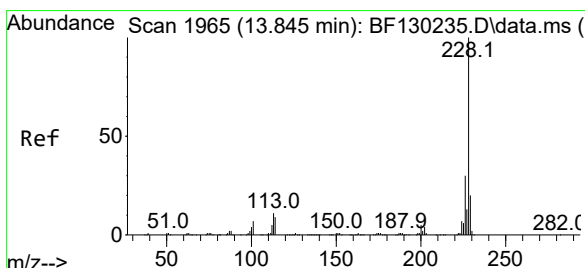
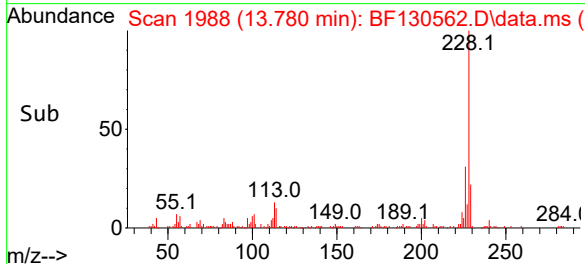
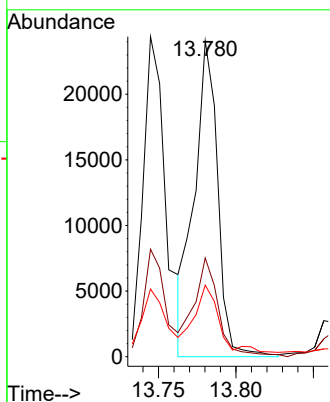
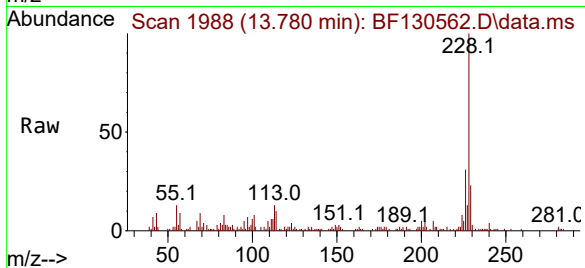
Tgt Ion:228 Resp: 25326

Ion Ratio Lower Upper

228 100

226 31.3 21.9 32.9

229 22.7 16.1 24.1



#83

Chrysene

Concen: 2.133 ng

RT: 13.780 min Scan# 1988

Delta R.T. -0.006 min

Lab File: BF130562.D

Acq: 06 Oct 2022 21:32

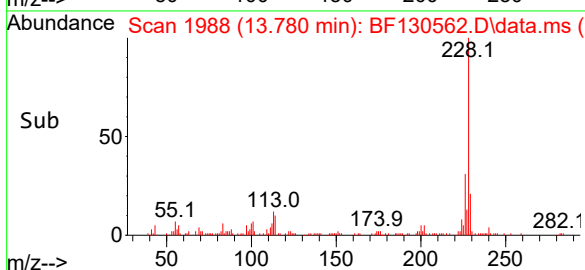
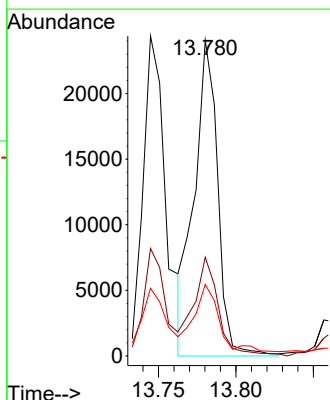
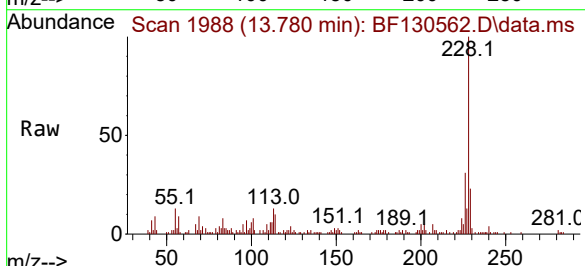
Tgt Ion:228 Resp: 25326

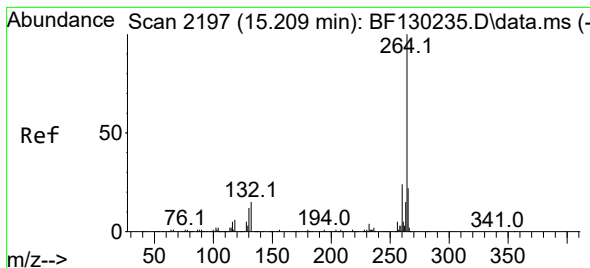
Ion Ratio Lower Upper

228 100

226 31.3 23.8 35.8

229 22.7 15.3 22.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.139 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF130562.D

Acq: 06 Oct 2022 21:32

Instrument :

BNA_F

ClientSampleId :

SB-07-0-2.0

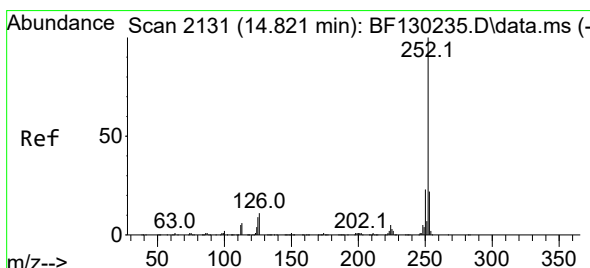
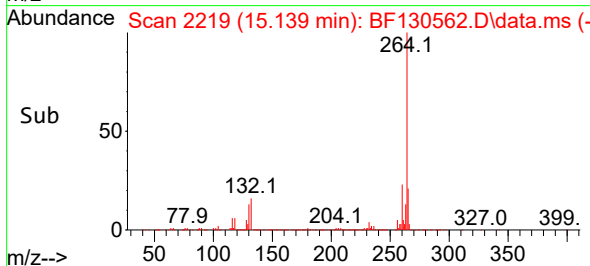
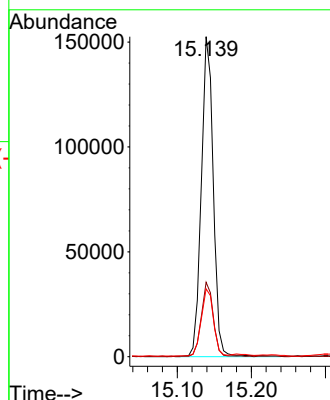
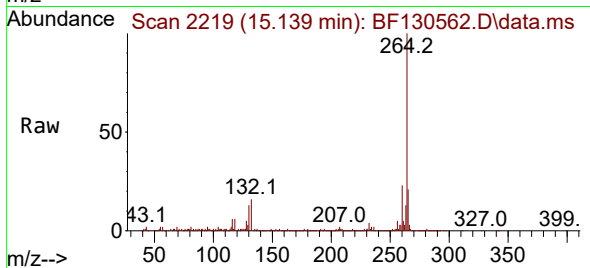
Tgt Ion:264 Resp: 171091

Ion Ratio Lower Upper

264 100

260 23.3 19.3 28.9

265 21.2 17.0 25.4



#88

Benzo(b)fluoranthene

Concen: 5.416 ng

RT: 14.757 min Scan# 2154

Delta R.T. -0.006 min

Lab File: BF130562.D

Acq: 06 Oct 2022 21:32

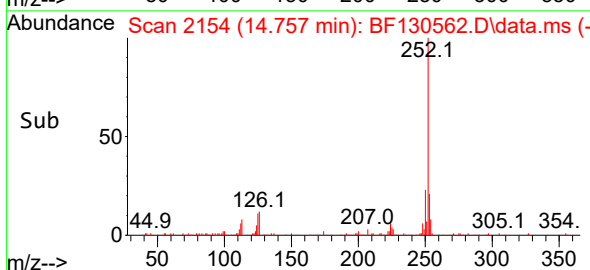
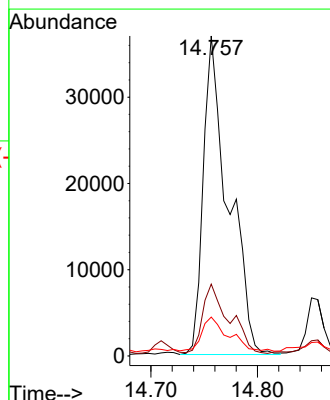
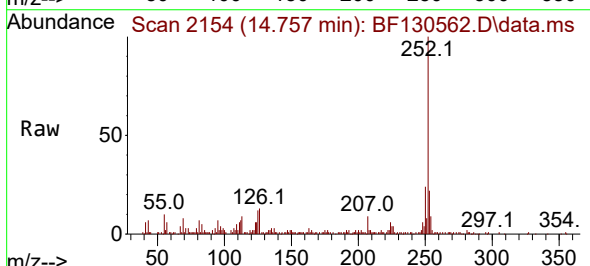
Tgt Ion:252 Resp: 60478

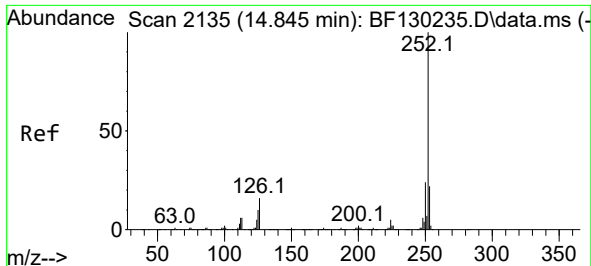
Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 12.1 8.1 12.1#

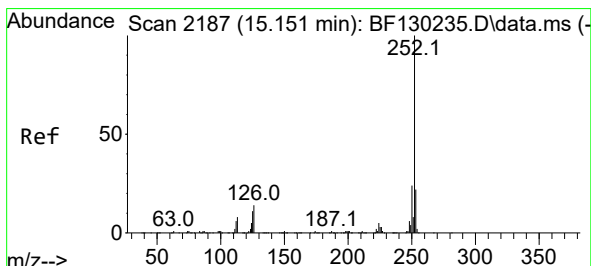
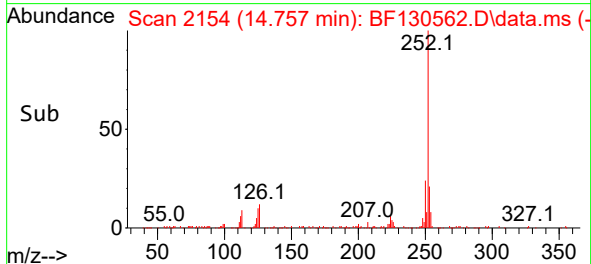
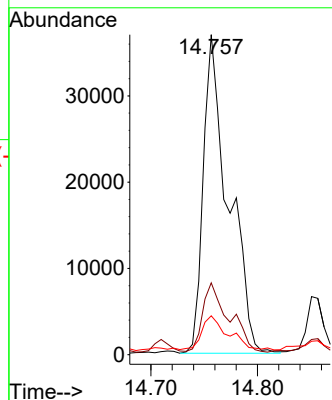
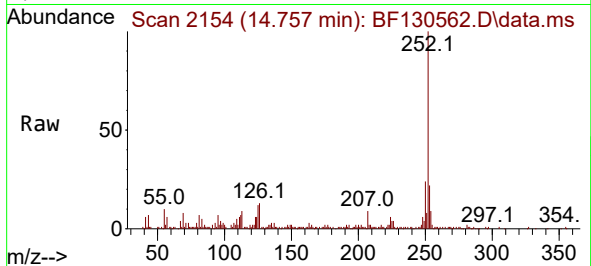




#89
Benzo(k)fluoranthene
Concen: 5.506 ng
RT: 14.757 min Scan# 2110
Delta R.T. -0.029 min
Lab File: BF130562.D
Acq: 06 Oct 2022 21:32

Instrument :
BNA_F
ClientSampleId :
SB-07-0-2.0

Tgt Ion:252 Resp: 60478
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 12.1 7.9 11.9#



#90
Benzo(a)pyrene
Concen: 3.035 ng
RT: 15.086 min Scan# 2210
Delta R.T. -0.006 min
Lab File: BF130562.D
Acq: 06 Oct 2022 21:32

Tgt Ion:252 Resp: 26854
Ion Ratio Lower Upper
252 100
253 21.2 17.8 26.6
125 13.0 9.0 13.6

