

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
 Data File : BF130510.D
 Acq On : 03 Oct 2022 21:02
 Operator : CG\JU
 Sample : N4946-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-093022

Quant Time: Oct 04 03:20:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

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

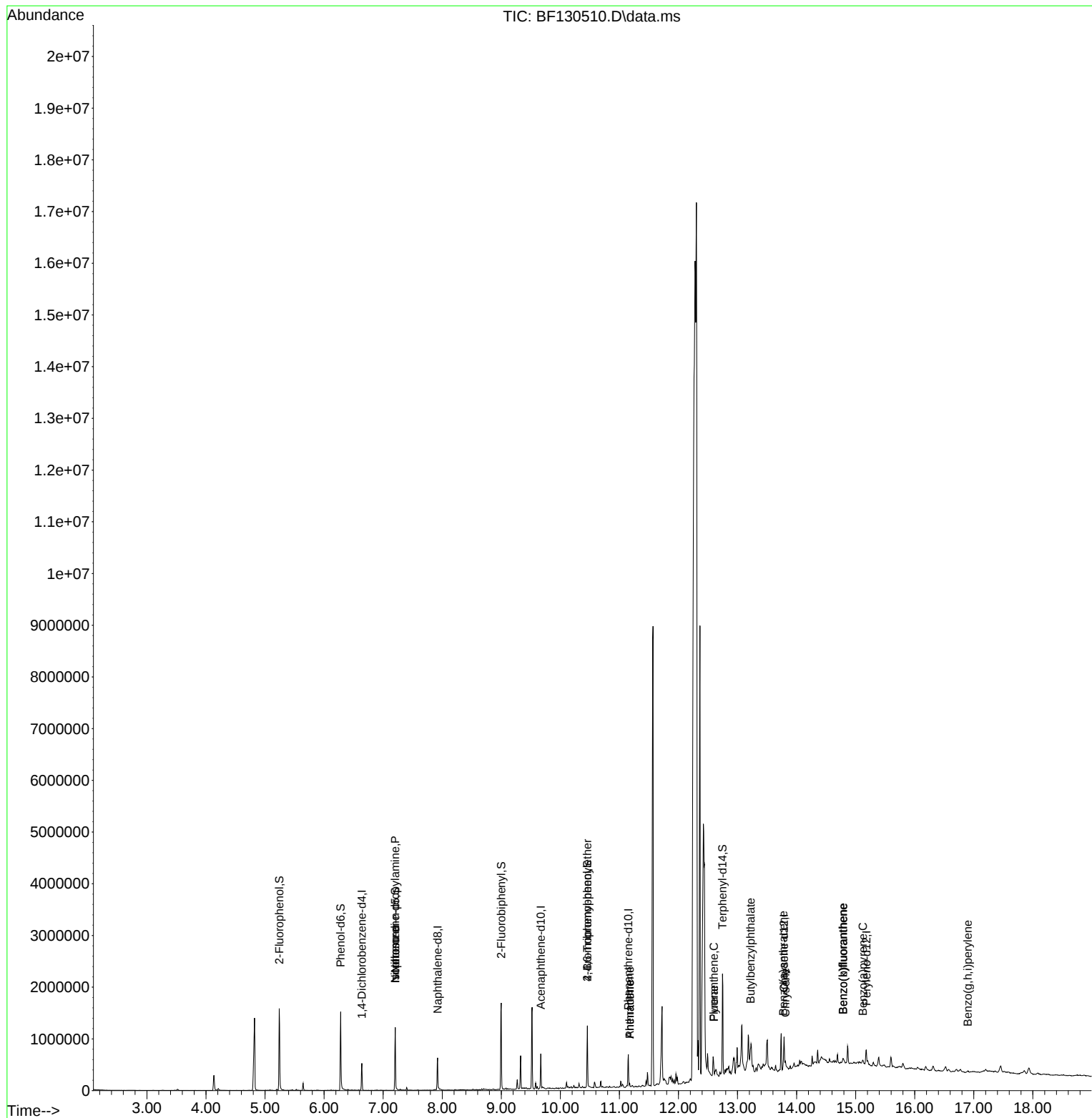
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.640	152	68338	20.000	ng	0.00
21) Naphthalene-d8	7.922	136	262013	20.000	ng	0.00
39) Acenaphthene-d10	9.669	164	120608	20.000	ng	-0.01
64) Phenanthrene-d10	11.151	188	212613	20.000	ng	0.00
76) Chrysene-d12	13.786	240	171489	20.000	ng	0.00
86) Perylene-d12	15.180	264	113764	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.240	112	423912	107.592	ng	0.00
7) Phenol-d6	6.281	99	477766	96.913	ng	-0.01
23) Nitrobenzene-d5	7.204	82	365742	71.314	ng	-0.01
42) 2,4,6-Tribromophenol	10.457	330	118441	102.488	ng	-0.01
45) 2-Fluorobiphenyl	8.998	172	501805	60.587	ng	-0.01
79) Terphenyl-d14	12.745	244	650588	62.843	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.204	70	49811	14.974	ng	# 74
25) Isophorone	7.204	82	364223	44.062	ng	# 66
67) 4-Bromophenyl-phenylether	10.457	248	7667	3.269	ng	# 1
71) Phenanthrene	11.175	178	25563	2.141	ng	96
72) Anthracene	11.175	178	25563	2.219	ng	96
75) Fluoranthene	12.598	202	69780	6.050	ng	98
78) Pyrene	12.598	202	70900	4.726	ng	98
80) Butylbenzylphthalate	13.222	149	21496	3.868	ng	# 71
81) Benzo(a)anthracene	13.774	228	36088	3.163	ng	# 90
83) Chrysene	13.810	228	39676	3.663	ng	# 93
88) Benzo(b)fluoranthene	14.786	252	52133	7.021	ng	# 83
89) Benzo(k)fluoranthene	14.786	252	52133	7.137	ng	# 82
90) Benzo(a)pyrene	15.121	252	22595	3.841	ng	# 75
92) Benzo(g,h,i)perylene	16.898	276	16194	2.429	ng	# 82

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

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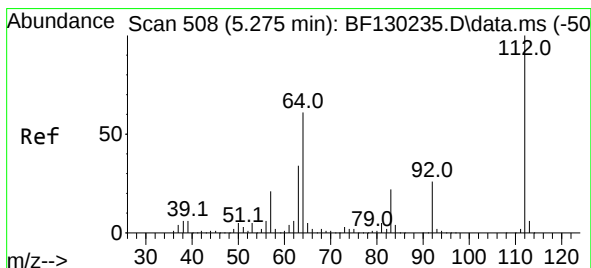
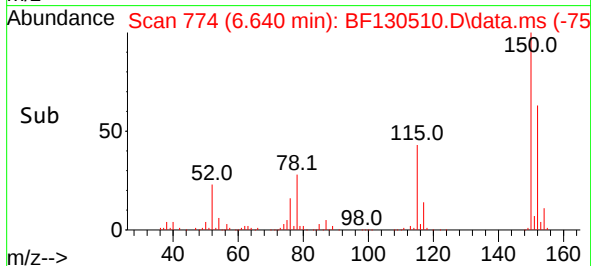
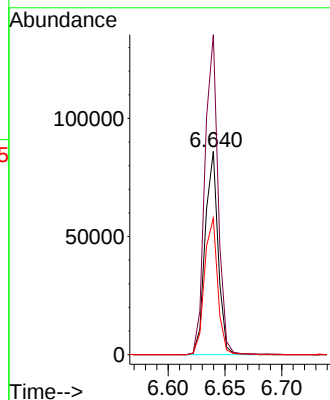
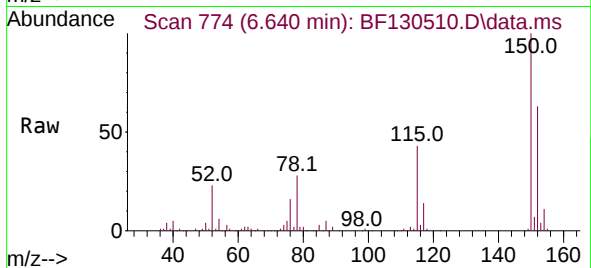




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.640 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF130510.D
Acq: 03 Oct 2022 21:02

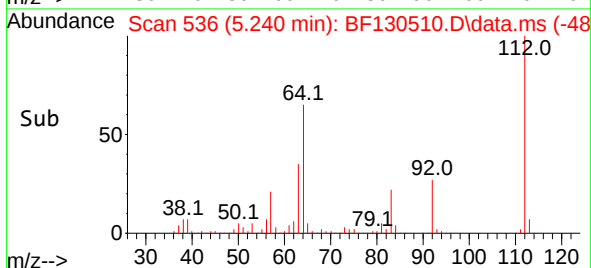
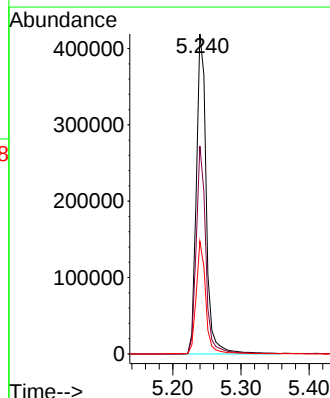
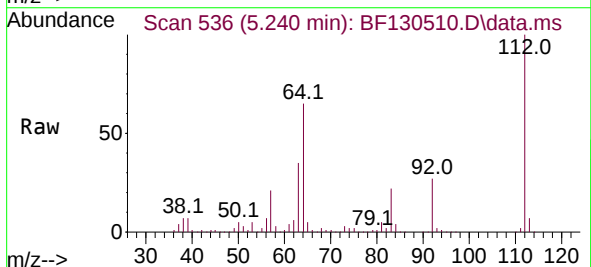
Instrument :
BNA_F
ClientSampleId :
HD-01-093022

Tgt Ion:152 Resp: 68338
Ion Ratio Lower Upper
152 100
150 157.6 122.8 184.2
115 67.1 53.8 80.8



#5
2-Fluorophenol
Concen: 107.592 ng
RT: 5.240 min Scan# 536
Delta R.T. -0.006 min
Lab File: BF130510.D
Acq: 03 Oct 2022 21:02

Tgt Ion:112 Resp: 423912
Ion Ratio Lower Upper
112 100
64 65.0 51.4 77.0
63 35.2 28.8 43.2

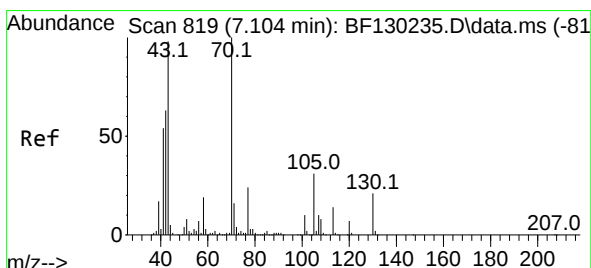
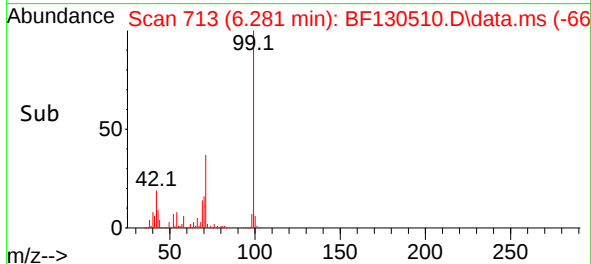
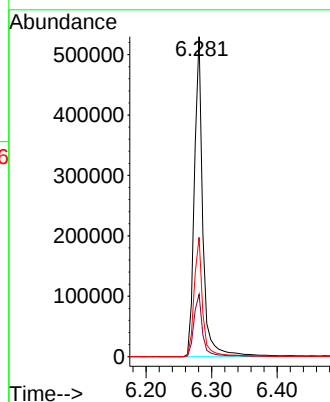
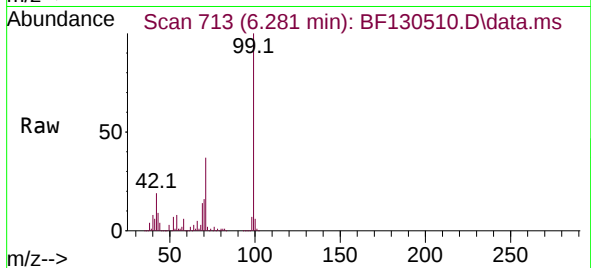




#7
Phenol-d6
Concen: 96.913 ng
RT: 6.281 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130510.D
Acq: 03 Oct 2022 21:02

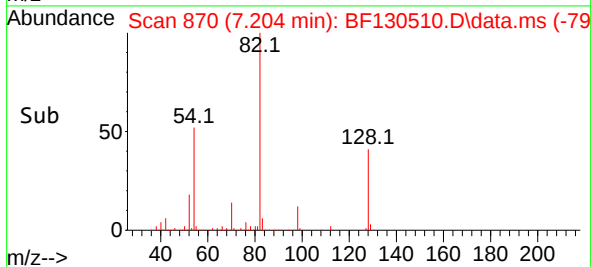
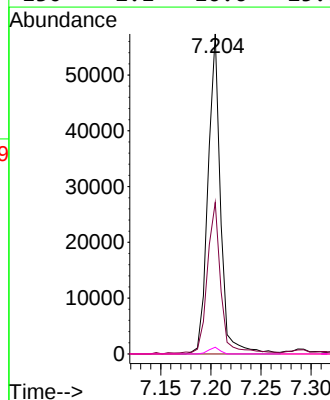
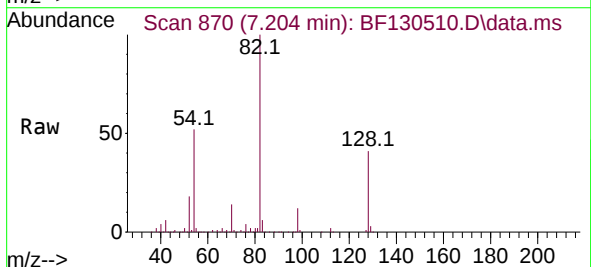
Instrument :
BNA_F
ClientSampleId :
HD-01-093022

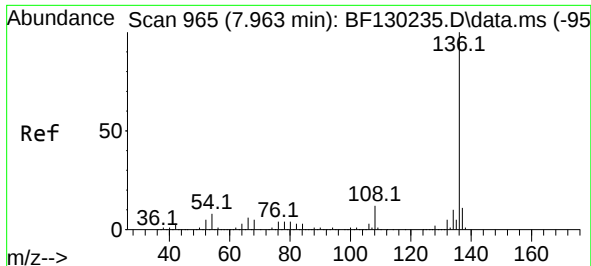
Tgt Ion: 99 Resp: 477766
Ion Ratio Lower Upper
99 100
42 19.5 17.0 25.6
71 37.3 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 14.974 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.135 min
Lab File: BF130510.D
Acq: 03 Oct 2022 21:02

Tgt Ion: 70 Resp: 49811
Ion Ratio Lower Upper
70 100
42 47.3 50.8 76.2#
101 0.0 8.2 12.4#
130 2.1 16.6 25.0#



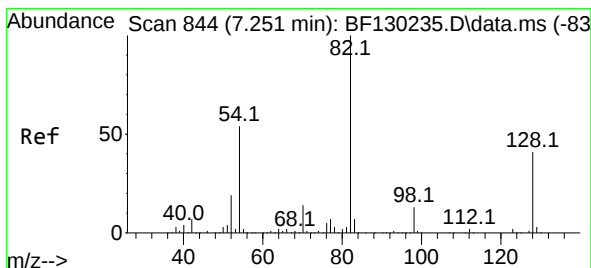
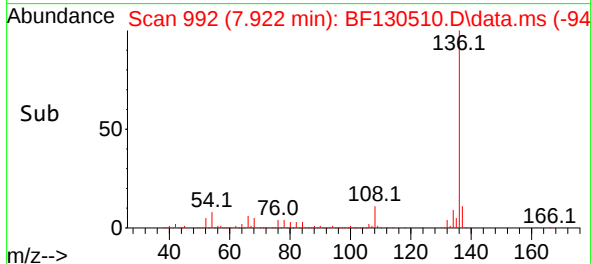
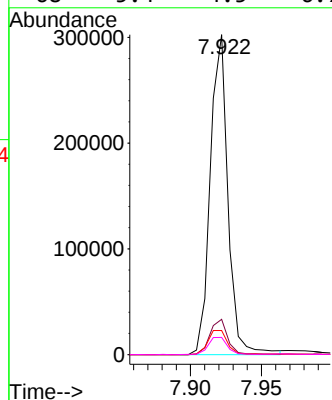
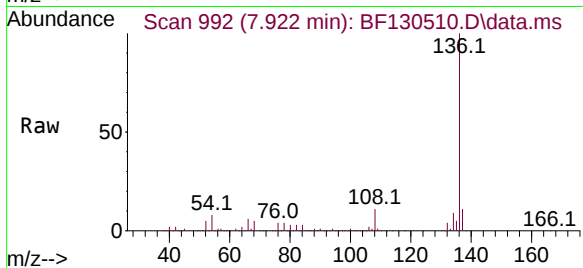


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.922 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF130510.D
Acq: 03 Oct 2022 21:02

Instrument :
BNA_F
ClientSampleId :
HD-01-093022

Tgt Ion:136 Resp: 262013

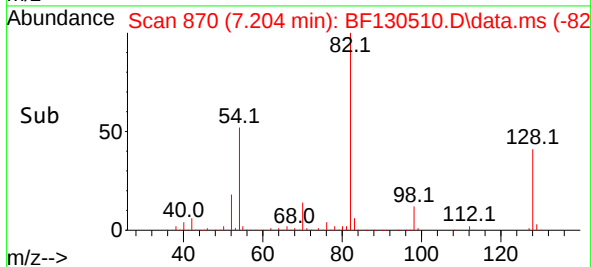
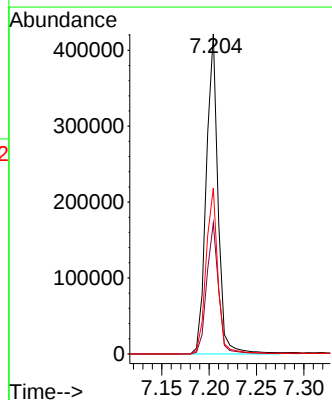
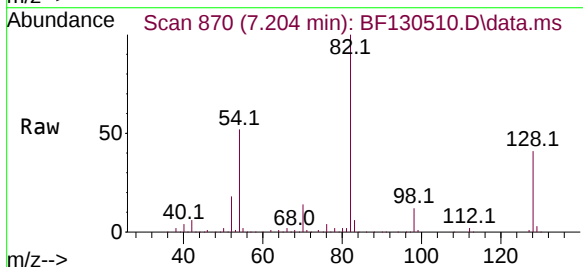
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	7.5	7.1	10.7
68	5.4	4.5	6.7

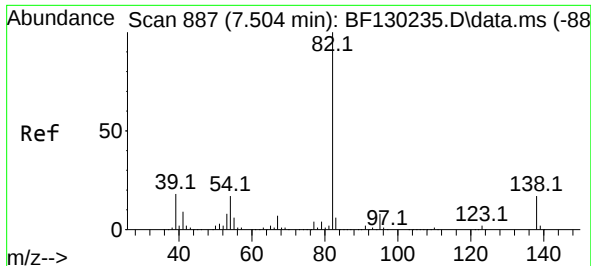


#23
Nitrobenzene-d5
Concen: 71.314 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF130510.D
Acq: 03 Oct 2022 21:02

Tgt Ion: 82 Resp: 365742

Ion	Ratio	Lower	Upper
82	100		
128	40.9	32.6	49.0
54	51.8	43.8	65.6

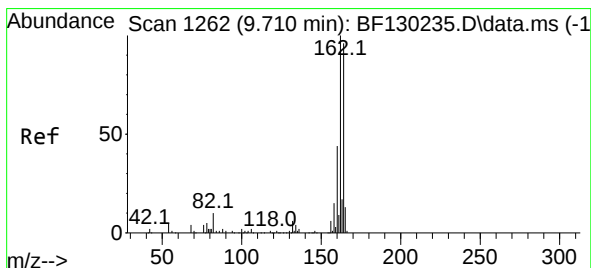
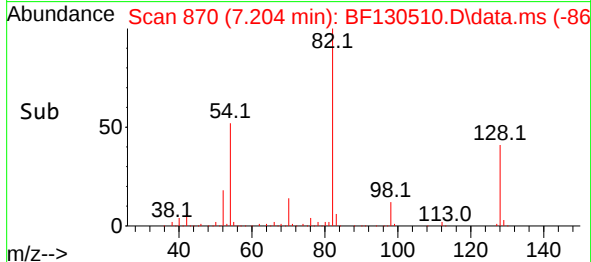
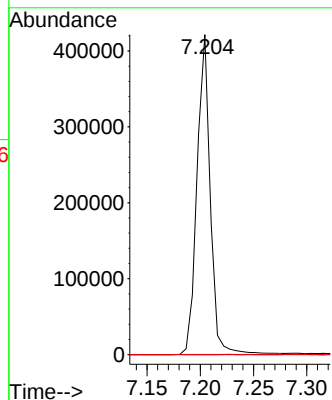
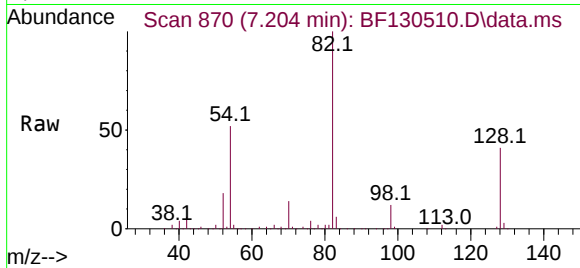




#25
Isophorone
Concen: 44.062 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF130510.D
Acq: 03 Oct 2022 21:02

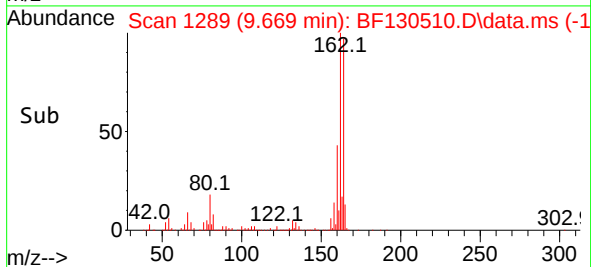
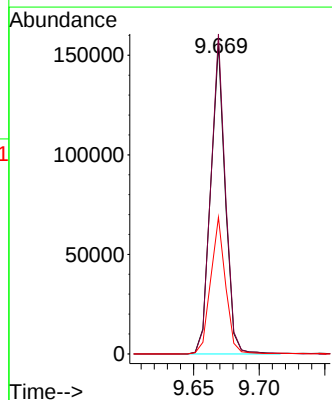
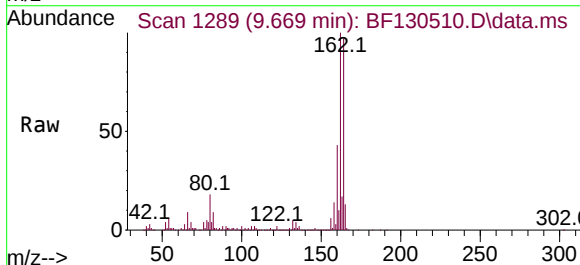
Instrument :
BNA_F
ClientSampleId :
HD-01-093022

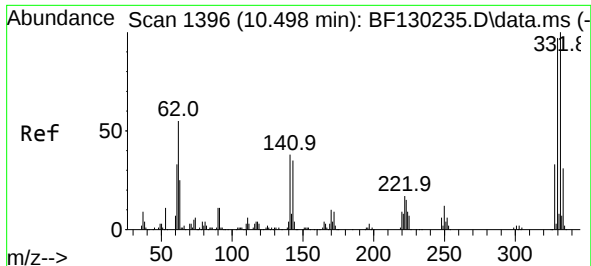
Tgt Ion: 82 Resp: 364223
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BF130510.D
Acq: 03 Oct 2022 21:02

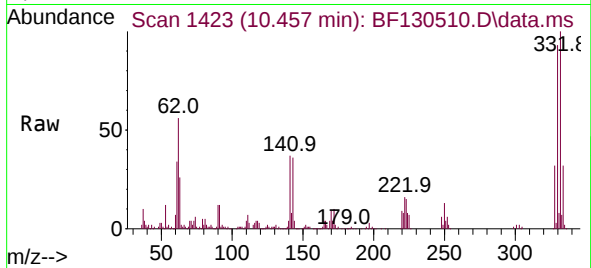
Tgt Ion: 164 Resp: 120608
Ion Ratio Lower Upper
164 100
162 103.1 81.4 122.0
160 44.0 36.2 54.4



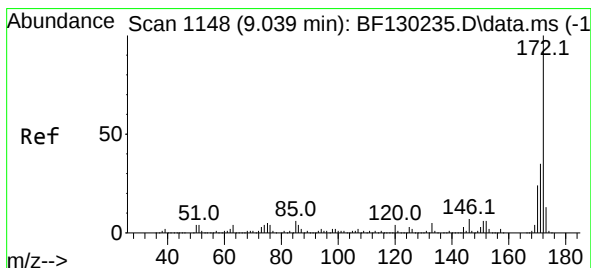
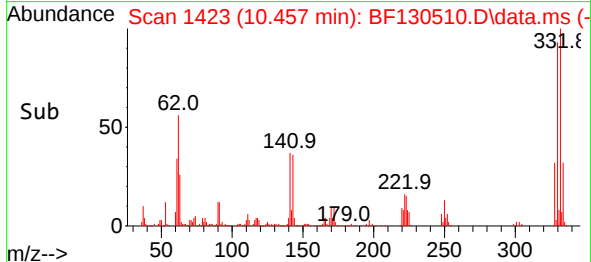
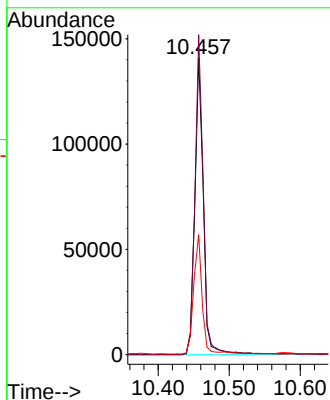


#42
2,4,6-Tribromophenol
Concen: 102.488 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.012 min
Lab File: BF130510.D
Acq: 03 Oct 2022 21:02

Instrument :
BNA_F
ClientSampleId :
HD-01-093022

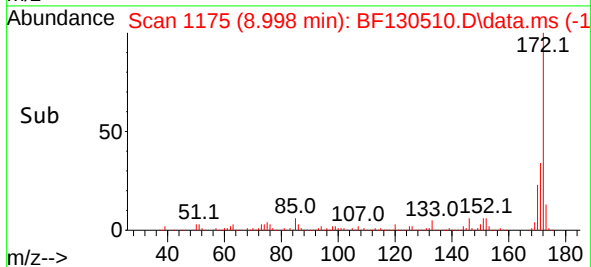
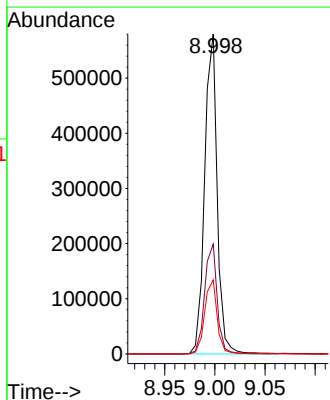
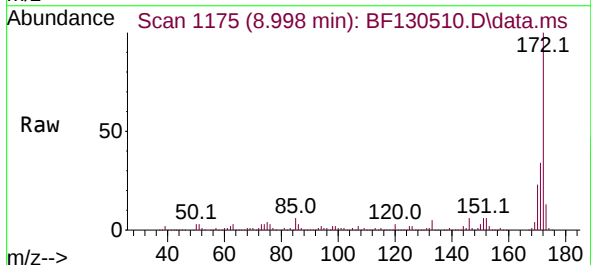


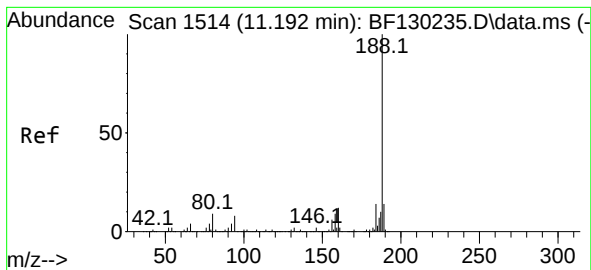
Tgt Ion: 330 Resp: 118441
Ion Ratio Lower Upper
330 100
332 105.3 83.4 125.2
141 40.3 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 60.587 ng
RT: 8.998 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF130510.D
Acq: 03 Oct 2022 21:02

Tgt Ion: 172 Resp: 501805
Ion Ratio Lower Upper
172 100
171 34.3 28.3 42.5
170 23.1 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.151 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF130510.D

Acq: 03 Oct 2022 21:02

Instrument :

BNA_F

ClientSampleId :

HD-01-093022

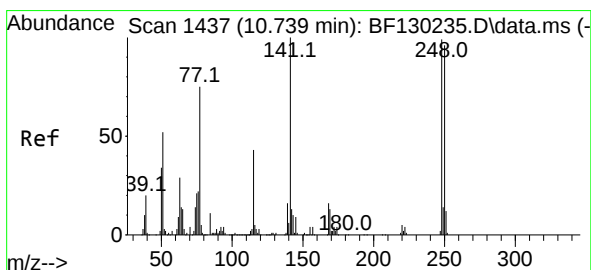
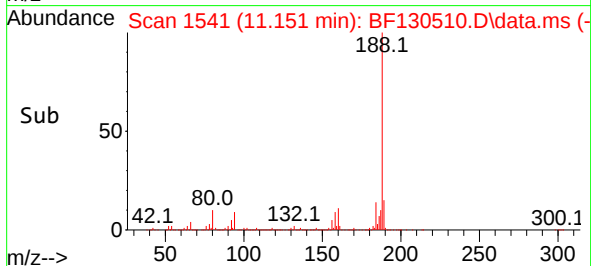
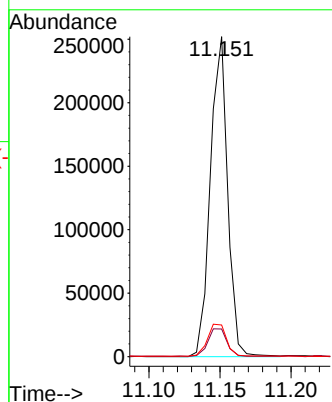
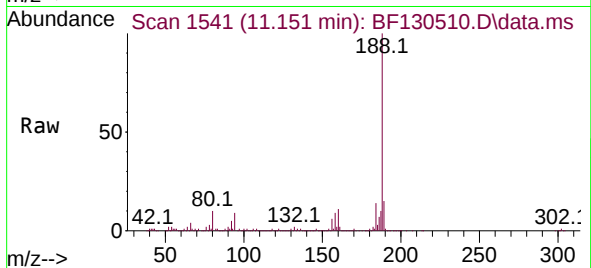
Tgt Ion:188 Resp: 212613

Ion Ratio Lower Upper

188 100

94 8.6 7.4 11.2

80 9.9 7.9 11.9



#67

4-Bromophenyl-phenylether

Concen: 3.269 ng

RT: 10.457 min Scan# 1423

Delta R.T. -0.253 min

Lab File: BF130510.D

Acq: 03 Oct 2022 21:02

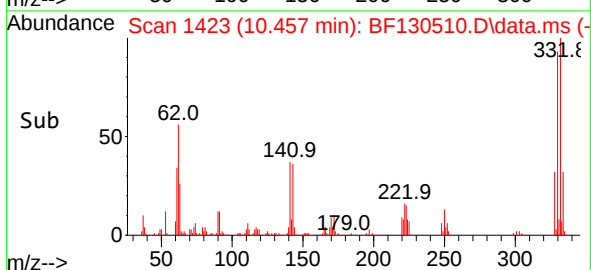
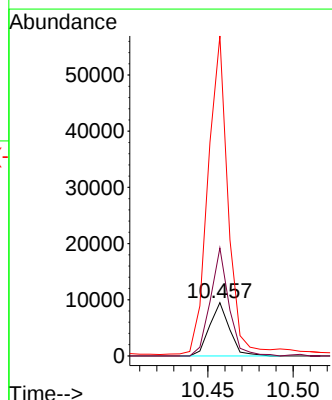
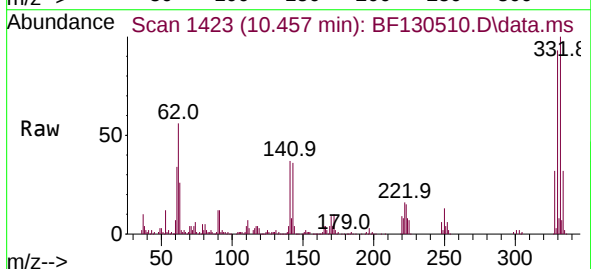
Tgt Ion:248 Resp: 7667

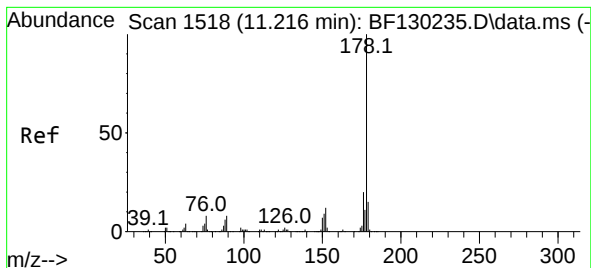
Ion Ratio Lower Upper

248 100

250 203.0 80.0 120.0#

141 602.3 68.5 102.7#





#71

Phenanthrene

Concen: 2.141 ng

RT: 11.175 min Scan# 1545

Delta R.T. -0.012 min

Lab File: BF130510.D

Acq: 03 Oct 2022 21:02

Instrument :

BNA_F

ClientSampleId :

HD-01-093022

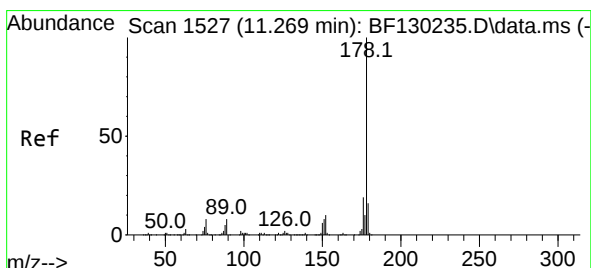
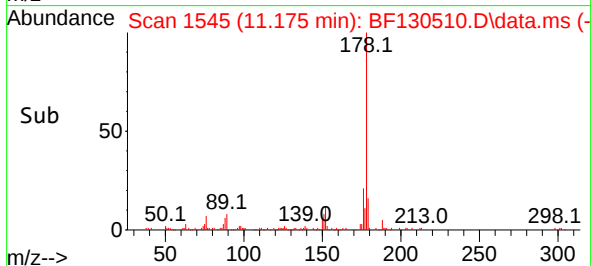
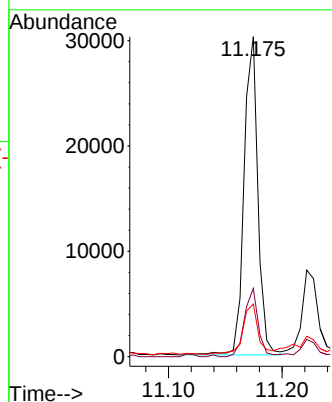
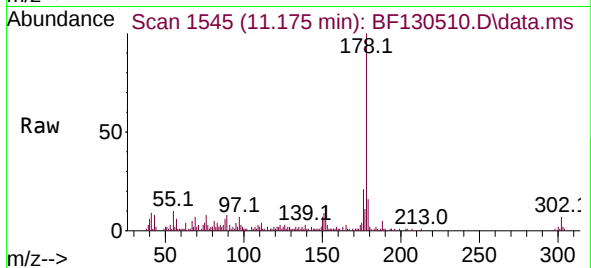
Tgt Ion:178 Resp: 25563

Ion Ratio Lower Upper

178 100

176 21.3 15.4 23.0

179 16.4 12.4 18.6



#72

Anthracene

Concen: 2.219 ng

RT: 11.175 min Scan# 1545

Delta R.T. -0.059 min

Lab File: BF130510.D

Acq: 03 Oct 2022 21:02

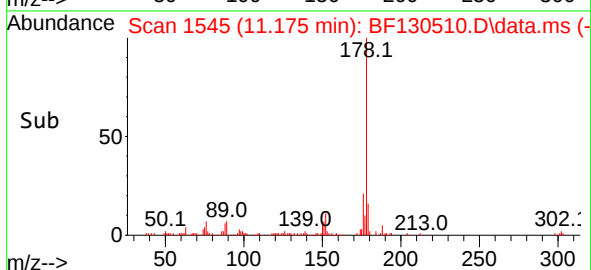
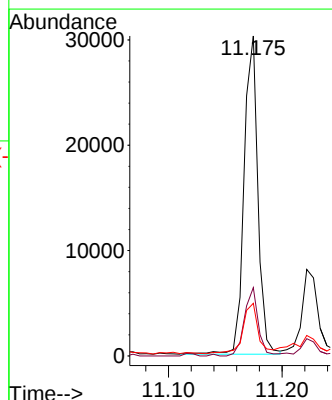
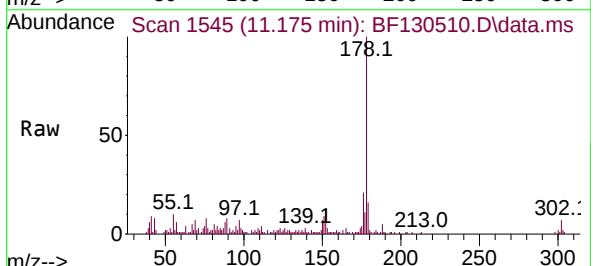
Tgt Ion:178 Resp: 25563

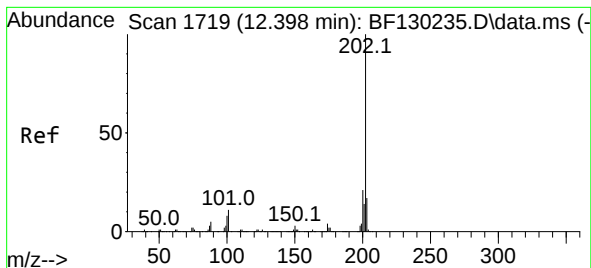
Ion Ratio Lower Upper

178 100

176 21.3 15.0 22.6

179 16.4 12.7 19.1





#75

Fluoranthene

Concen: 6.050 ng

RT: 12.598 min Scan# 11

Delta R.T. 0.230 min

Lab File: BF130510.D

Acq: 03 Oct 2022 21:02

Instrument :

BNA_F

ClientSampleId :

HD-01-093022

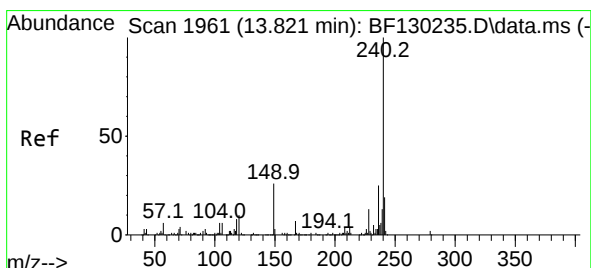
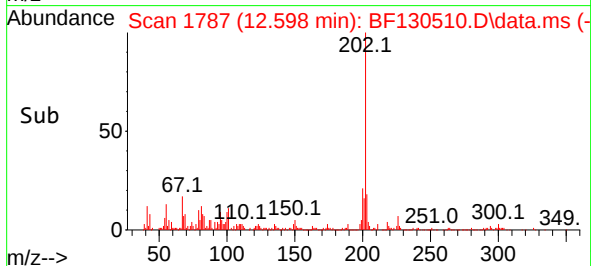
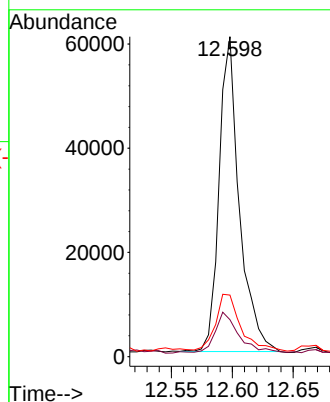
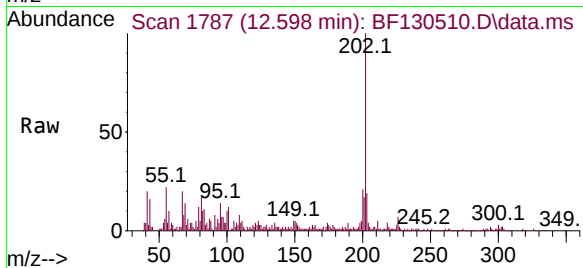
Tgt Ion:202 Resp: 69780

Ion Ratio Lower Upper

202 100

101 11.5 0.0 31.8

203 19.2 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.786 min Scan# 1989

Delta R.T. -0.006 min

Lab File: BF130510.D

Acq: 03 Oct 2022 21:02

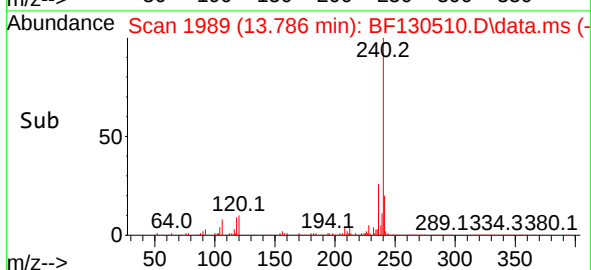
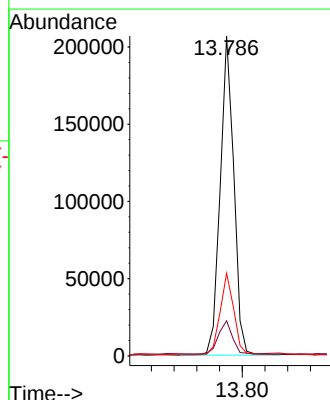
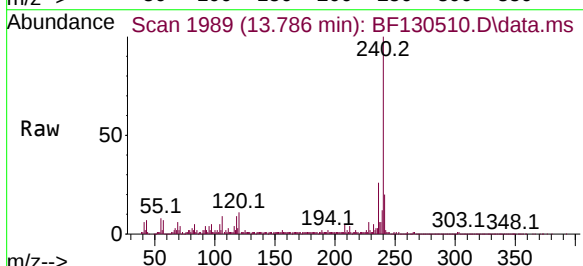
Tgt Ion:240 Resp: 171489

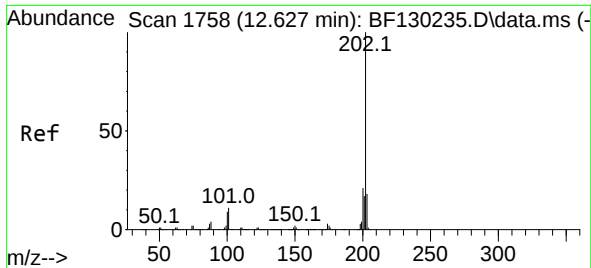
Ion Ratio Lower Upper

240 100

120 11.0 8.7 13.1

236 25.8 20.9 31.3

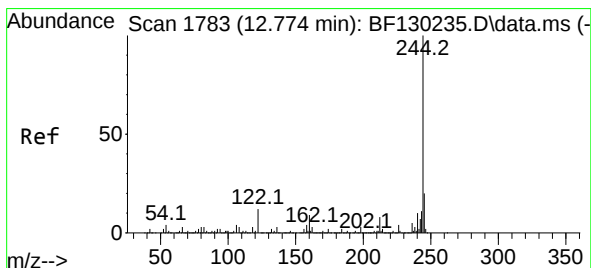
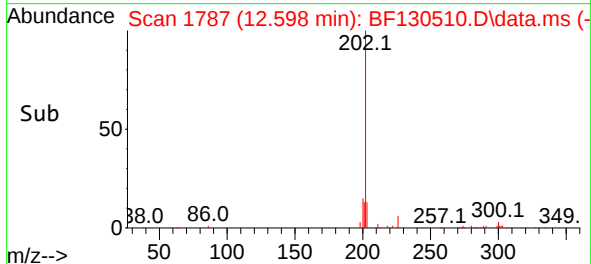
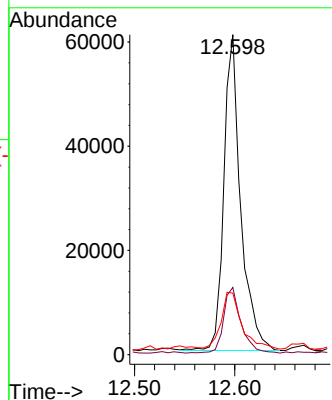
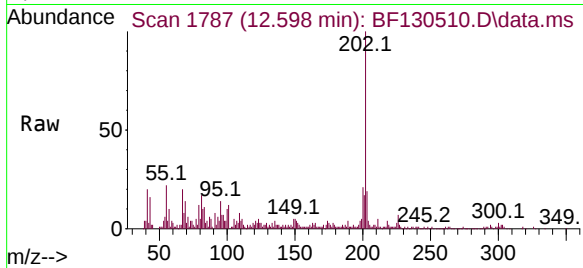




#78
Pyrene
Concen: 4.726 ng
RT: 12.598 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF130510.D
Acq: 03 Oct 2022 21:02

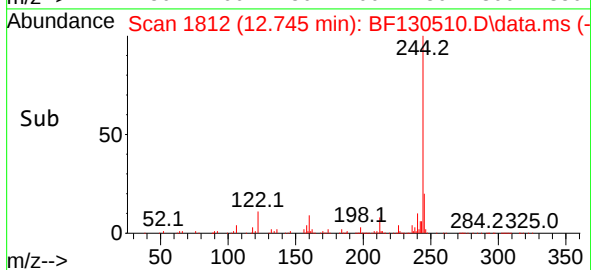
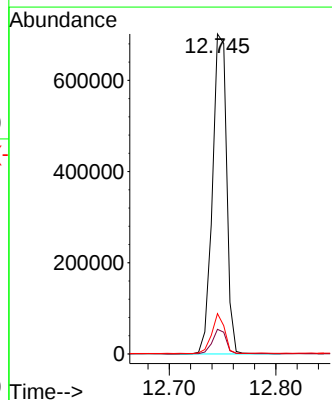
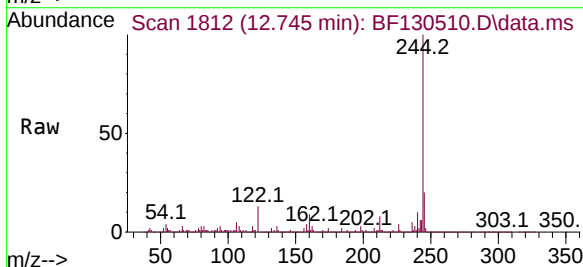
Instrument :
BNA_F
ClientSampleId :
HD-01-093022

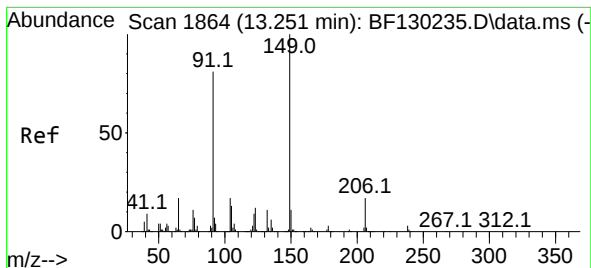
Tgt Ion:202 Resp: 70900
Ion Ratio Lower Upper
202 100
200 21.0 17.2 25.8
203 19.2 14.3 21.5



#79
Terphenyl-d14
Concen: 62.843 ng
RT: 12.745 min Scan# 1812
Delta R.T. 0.000 min
Lab File: BF130510.D
Acq: 03 Oct 2022 21:02

Tgt Ion:244 Resp: 650588
Ion Ratio Lower Upper
244 100
212 7.7 5.9 8.9
122 12.6 8.5 12.7





#80

Butylbenzylphthalate

Concen: 3.868 ng

RT: 13.222 min Scan# 1864

Delta R.T. 0.000 min

Lab File: BF130510.D

Acq: 03 Oct 2022 21:02

Instrument :

BNA_F

ClientSampleId :

HD-01-093022

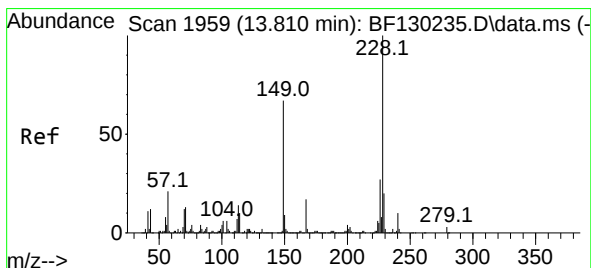
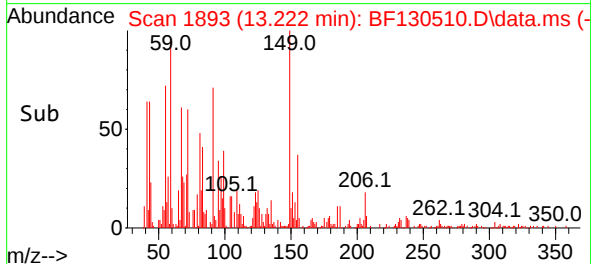
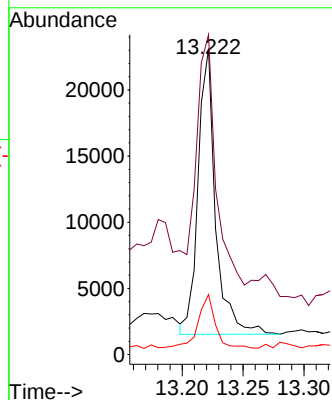
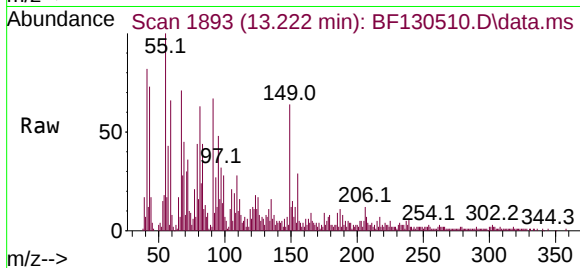
Tgt Ion:149 Resp: 21496

Ion Ratio Lower Upper

149 100

91 104.6 59.8 89.8#

206 19.6 13.9 20.9



#81

Benzo(a)anthracene

Concen: 3.163 ng

RT: 13.774 min Scan# 1987

Delta R.T. -0.006 min

Lab File: BF130510.D

Acq: 03 Oct 2022 21:02

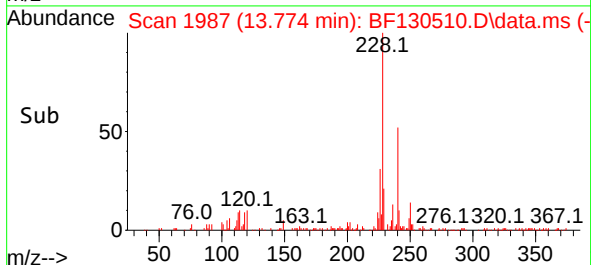
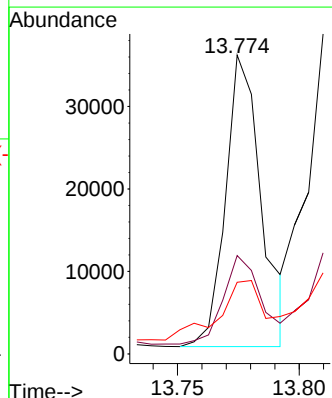
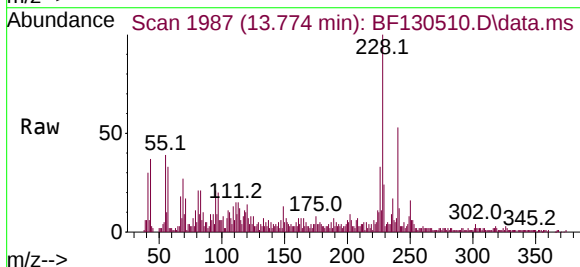
Tgt Ion:228 Resp: 36088

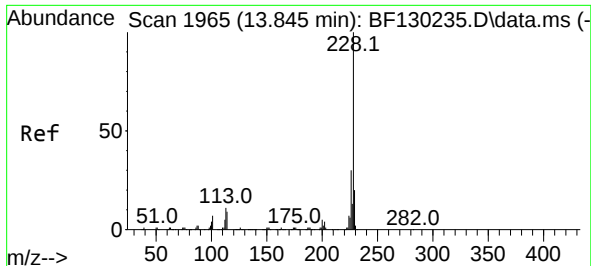
Ion Ratio Lower Upper

228 100

226 32.9 21.9 32.9#

229 24.0 16.1 24.1





#83

Chrysene

Concen: 3.663 ng

RT: 13.810 min Scan# 19

Delta R.T. -0.006 min

Lab File: BF130510.D

Acq: 03 Oct 2022 21:02

Instrument :

BNA_F

ClientSampleId :

HD-01-093022

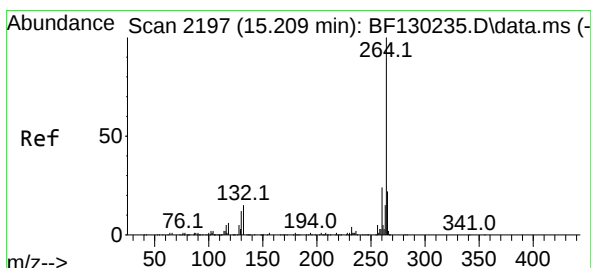
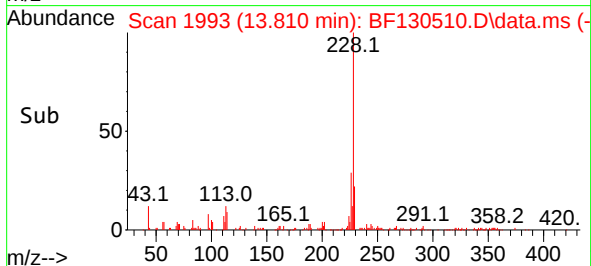
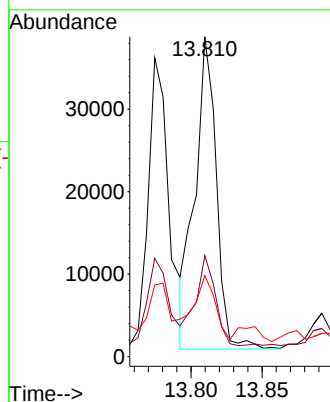
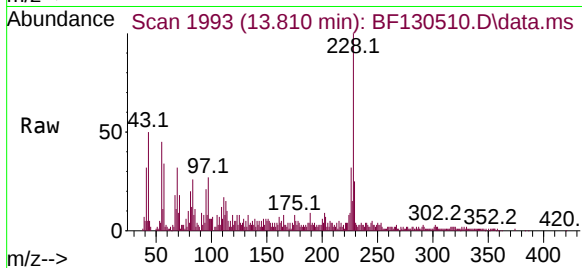
Tgt Ion:228 Resp: 39676

Ion Ratio Lower Upper

228 100

226 31.6 23.8 35.8

229 25.3 15.3 22.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.180 min Scan# 2226

Delta R.T. 0.006 min

Lab File: BF130510.D

Acq: 03 Oct 2022 21:02

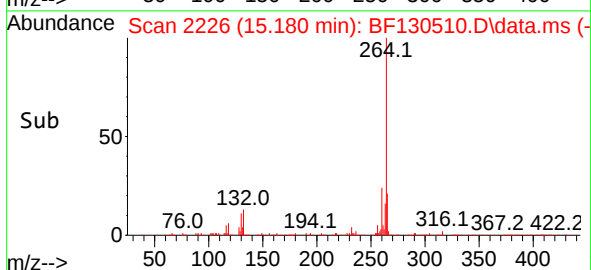
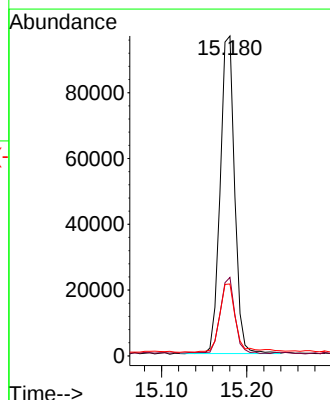
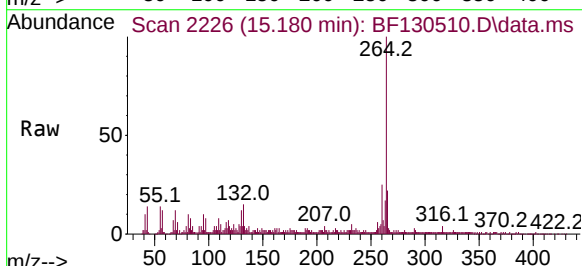
Tgt Ion:264 Resp: 113764

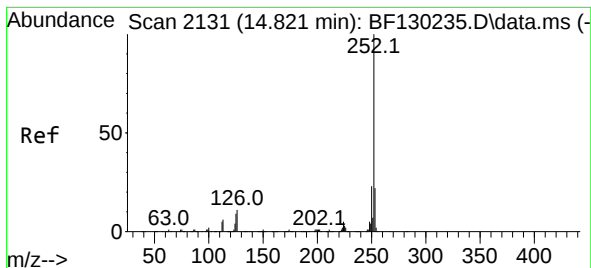
Ion Ratio Lower Upper

264 100

260 24.5 19.3 28.9

265 22.5 17.0 25.4





#88

Benzo(b)fluoranthene

Concen: 7.021 ng

RT: 14.786 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF130510.D

Acq: 03 Oct 2022 21:02

Instrument :

BNA_F

ClientSampleId :

HD-01-093022

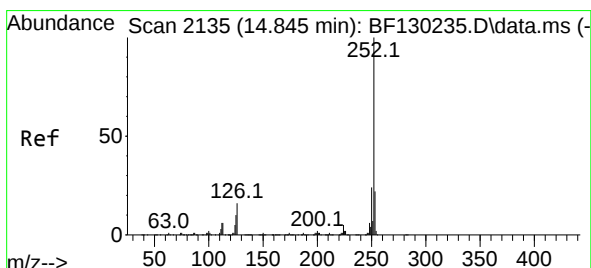
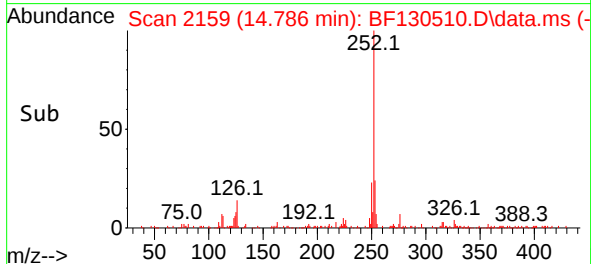
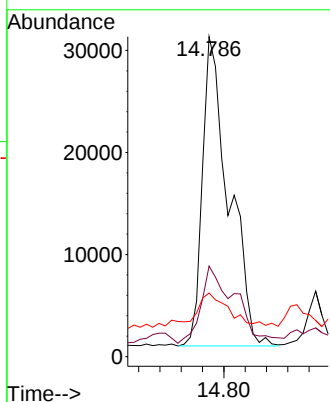
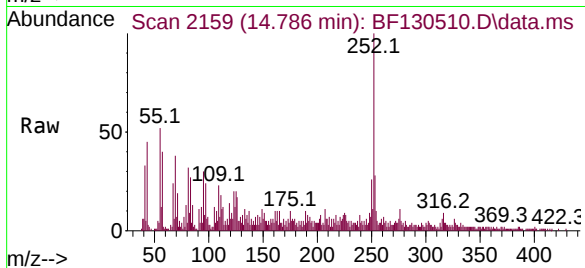
Tgt Ion:252 Resp: 52133

Ion Ratio Lower Upper

252 100

253 28.3 17.7 26.5#

125 19.9 8.1 12.1#



#89

Benzo(k)fluoranthene

Concen: 7.137 ng

RT: 14.786 min Scan# 2159

Delta R.T. -0.029 min

Lab File: BF130510.D

Acq: 03 Oct 2022 21:02

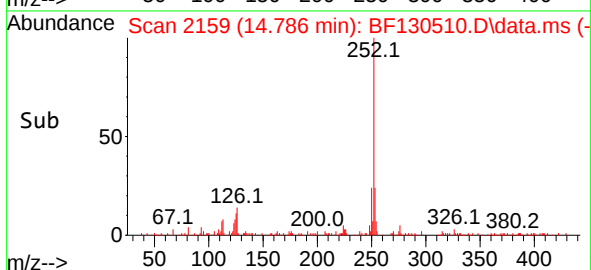
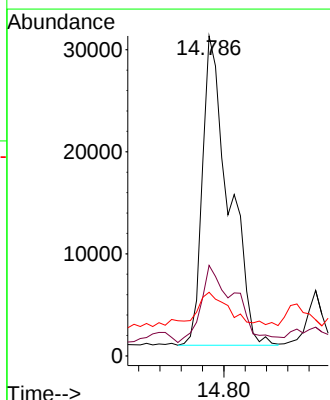
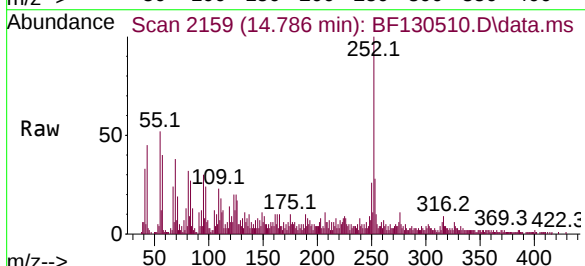
Tgt Ion:252 Resp: 52133

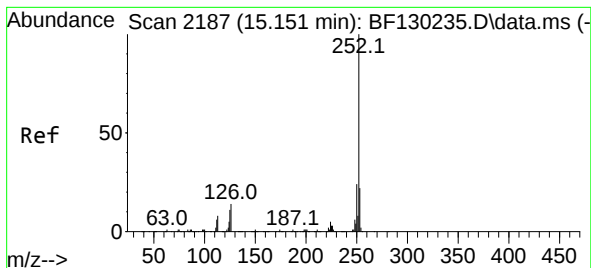
Ion Ratio Lower Upper

252 100

253 28.3 17.4 26.2#

125 19.9 7.9 11.9#





#90

Benzo(a)pyrene

Concen: 3.841 ng

RT: 15.121 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF130510.D

Acq: 03 Oct 2022 21:02

Instrument :

BNA_F

ClientSampleId :

HD-01-093022

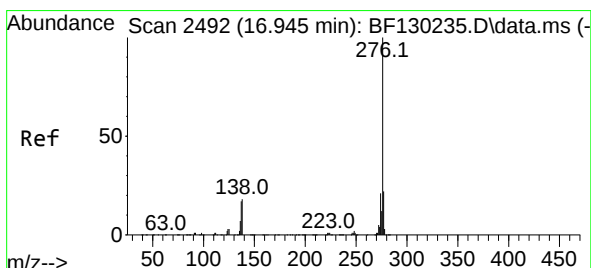
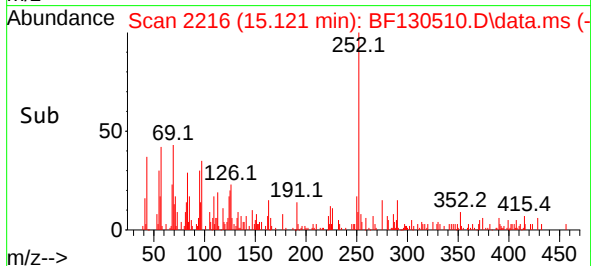
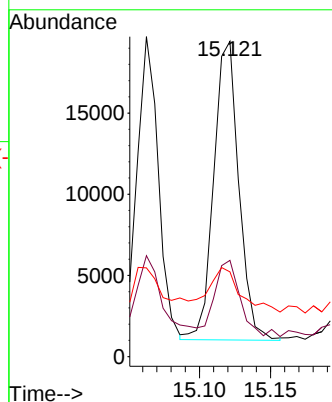
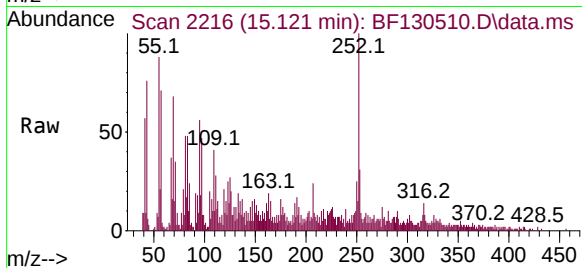
Tgt Ion:252 Resp: 22595

Ion Ratio Lower Upper

252 100

253 30.5 17.8 26.6#

125 26.8 9.0 13.6#



#92

Benzo(g,h,i)perylene

Concen: 2.429 ng

RT: 16.898 min Scan# 2518

Delta R.T. 0.006 min

Lab File: BF130510.D

Acq: 03 Oct 2022 21:02

Tgt Ion:276 Resp: 16194

Ion Ratio Lower Upper

276 100

277 30.1 18.6 27.8#

138 28.7 14.6 21.8#

