

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090822\
 Data File : BF130190.D
 Acq On : 08 Sep 2022 21:32
 Operator : CG\JU
 Sample : N4534-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FL-F

Quant Time: Sep 09 01:10:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 07 02:05:07 2022
 Response via : Initial Calibration

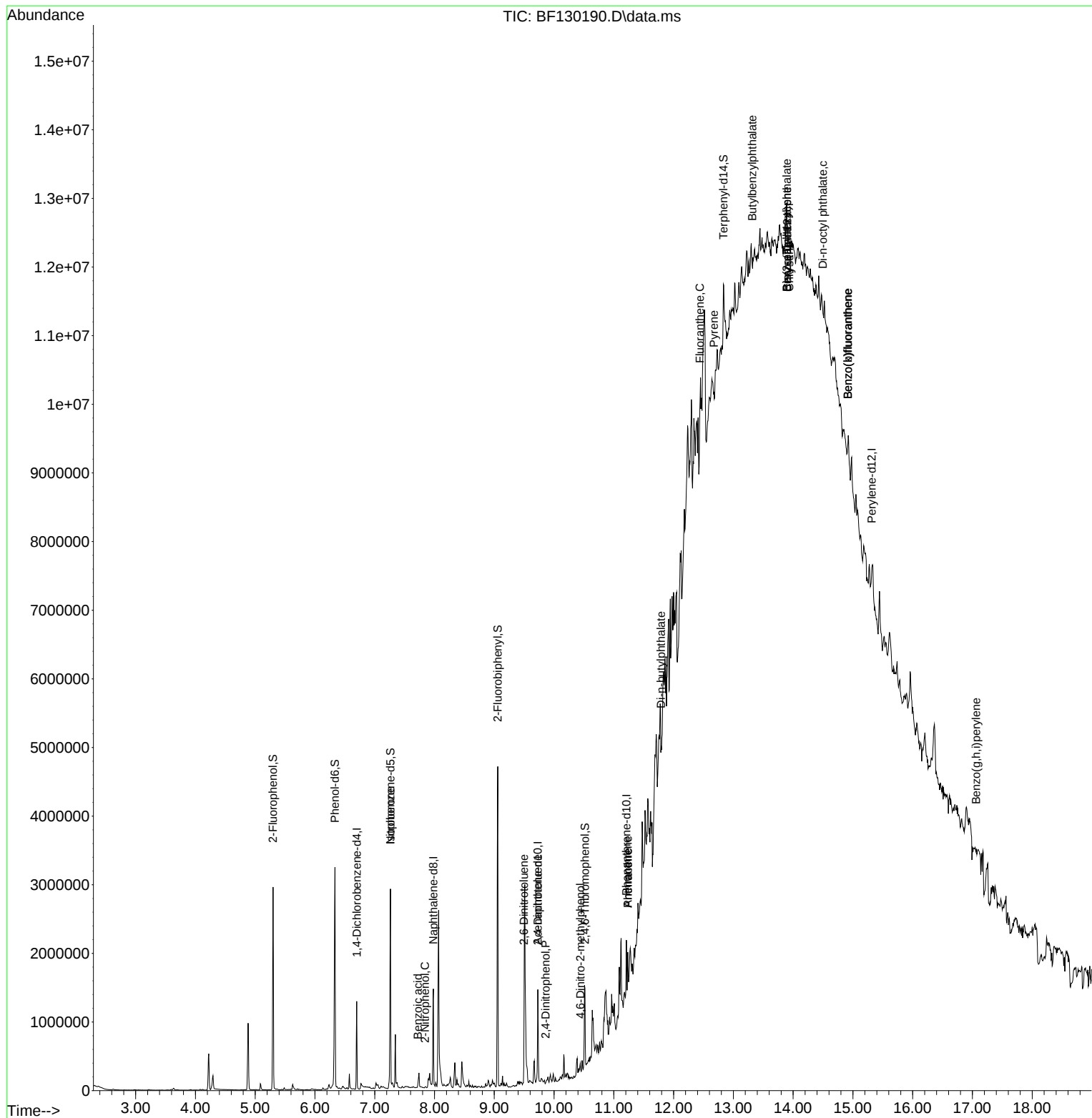
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.698	152	172102	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	607805	20.000	ng	0.00
39) Acenaphthene-d10	9.728	164	225810	20.000	ng	0.00
64) Phenanthrene-d10	11.210	188	291499	20.000	ng	0.00
76) Chrysene-d12	13.904	240	171435	20.000	ng	# 0.06
86) Perylene-d12	15.316	264	164569	20.000	ng	# 0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	842699	83.126	ng	0.00
7) Phenol-d6	6.334	99	1290104	102.075	ng	0.00
23) Nitrobenzene-d5	7.263	82	857684	90.687	ng	0.00
42) 2,4,6-Tribromophenol	10.516	330	141113	68.651	ng	0.00
45) 2-Fluorobiphenyl	9.057	172	1296502	95.193	ng	0.00
79) Terphenyl-d14	12.833	244	847531	85.731	ng	0.04
Target Compounds						
25) Isophorone	7.263	82	853381	44.581	ng	# 65
26) 2-Nitrophenol	7.840	139	54	3.511	ng	# 1
32) Benzoic acid	7.722	122	5115	7.245	ng	89
51) 2,6-Dinitrotoluene	9.498	165	6470	2.158	ng	# 1
54) 2,4-Dinitrophenol	9.857	184	60	8.132	ng	# 1
57) 2,4-Dinitrotoluene	9.728	165	30107	8.720	ng	# 32
65) 4,6-Dinitro-2-methylph...	10.439	198	171	6.189	ng	# 1
71) Phenanthrene	11.233	178	143716	9.091	ng	97
72) Anthracene	11.233	178	143716	9.248	ng	98
74) Di-n-butylphthalate	11.786	149	63469	3.673	ng	# 83
75) Fluoranthene	12.439	202	171503	10.940	ng	87
78) Pyrene	12.675	202	123022	8.000	ng	# 86
80) Butylbenzylphthalate	13.316	149	17664	2.888	ng	# 68
81) Benzo(a)anthracene	13.898	228	31434	2.676	ng	# 33
83) Chrysene	13.933	228	93289	8.054	ng	# 78
84) Bis(2-ethylhexyl)phtha...	13.892	149	545973	71.816	ng	# 88
85) Di-n-octyl phthalate	14.498	149	54114	4.506	ng	# 73
88) Benzo(b)fluoranthene	14.916	252	84632	7.712	ng	# 1
89) Benzo(k)fluoranthene	14.916	252	84632	7.974	ng	# 1
92) Benzo(g,h,i)perylene	17.062	276	22556	2.538	ng	# 1

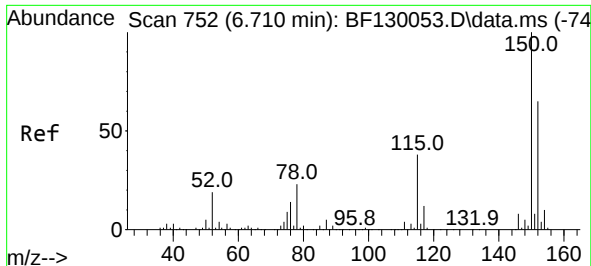
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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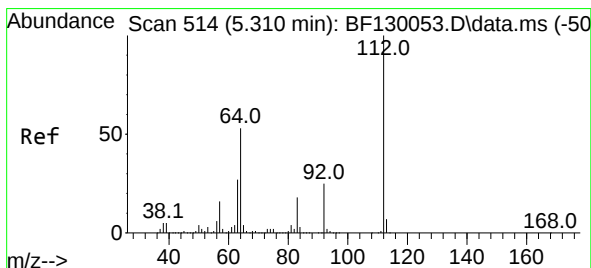
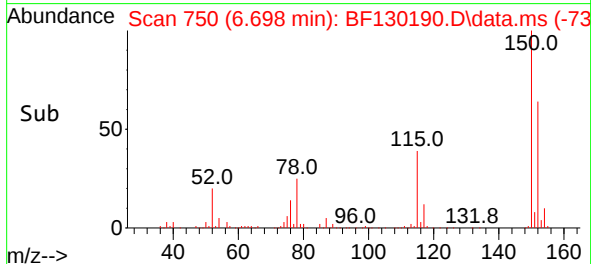
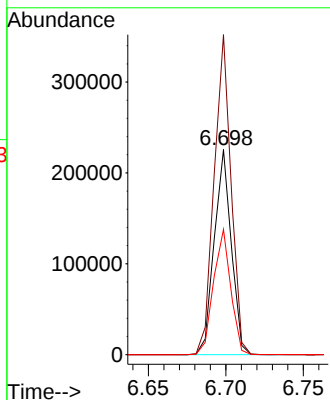
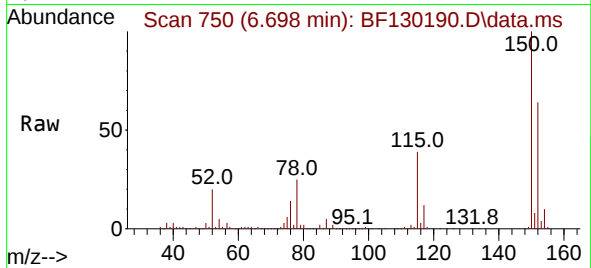




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.698 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF130190.D
 Acq: 08 Sep 2022 21:32

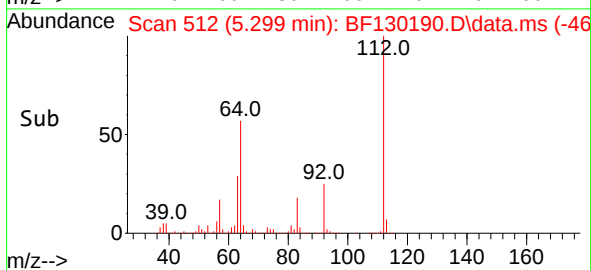
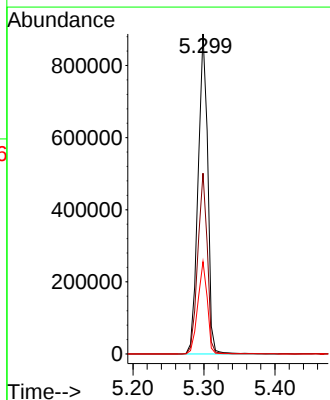
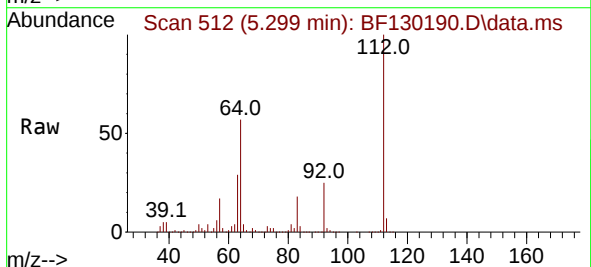
Instrument :
 BNA_F
 ClientSampleId :
 FL-F

Tgt Ion:152 Resp: 172102
 Ion Ratio Lower Upper
 152 100
 150 156.0 126.9 190.3
 115 61.1 53.4 80.0



#5
 2-Fluorophenol
 Concen: 83.126 ng
 RT: 5.299 min Scan# 512
 Delta R.T. 0.000 min
 Lab File: BF130190.D
 Acq: 08 Sep 2022 21:32

Tgt Ion:112 Resp: 842699
 Ion Ratio Lower Upper
 112 100
 64 56.5 47.6 71.4
 63 28.9 24.6 37.0



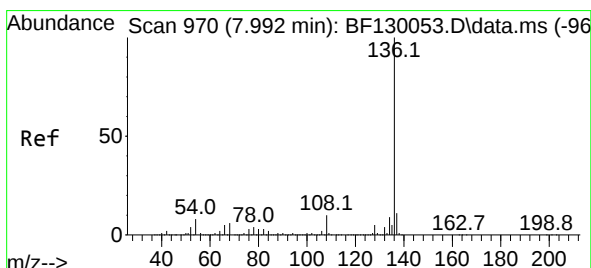
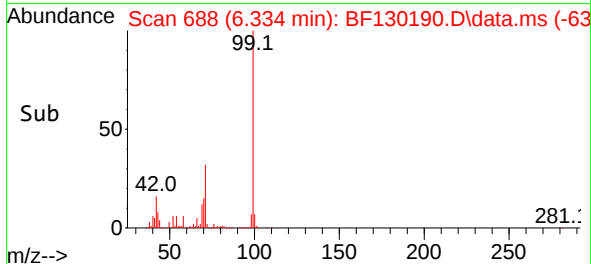
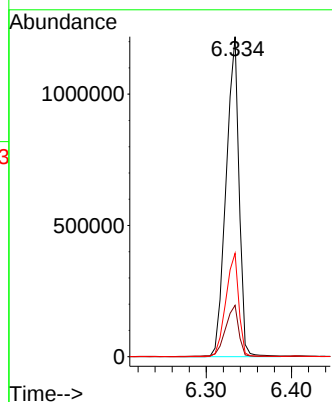
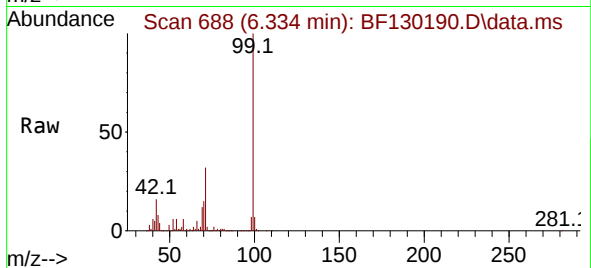


#7
Phenol-d6
Concen: 102.075 ng
RT: 6.334 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF130190.D
Acq: 08 Sep 2022 21:32

Instrument :
BNA_F
ClientSampleId :
FL-F

Tgt Ion: 99 Resp: 1290104

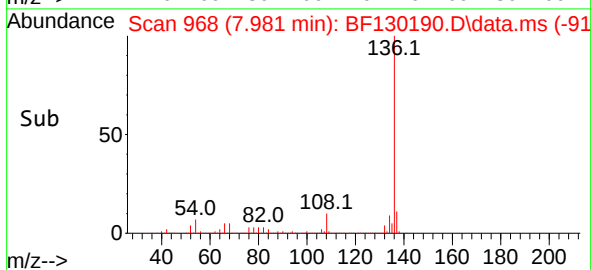
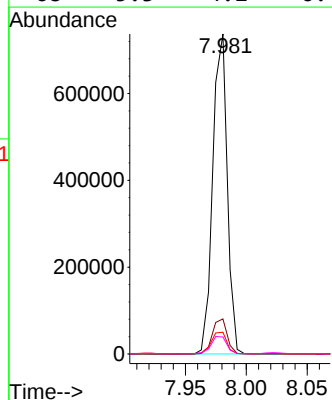
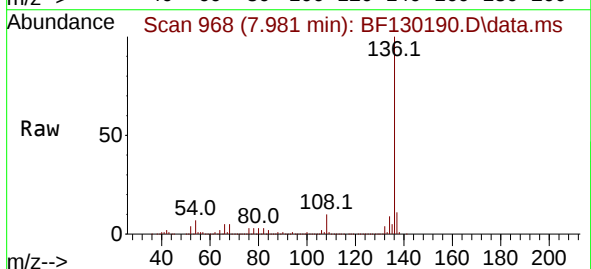
Ion	Ratio	Lower	Upper
99	100		
42	16.1	15.0	22.4
71	32.3	28.8	43.2

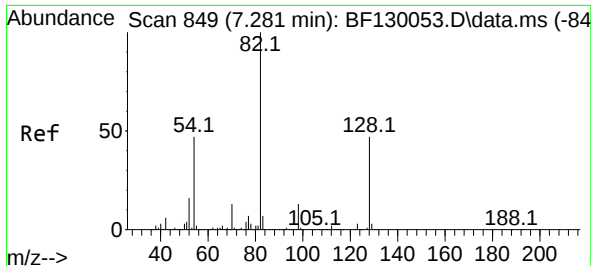


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF130190.D
Acq: 08 Sep 2022 21:32

Tgt Ion: 136 Resp: 607805

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	6.8	6.2	9.2
68	5.3	4.2	6.4

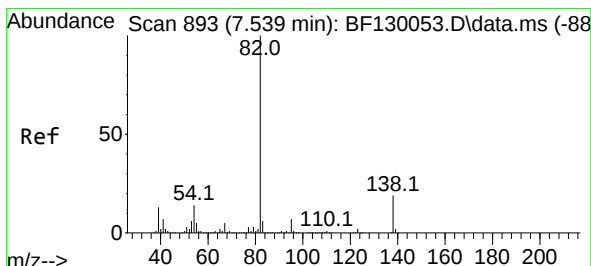
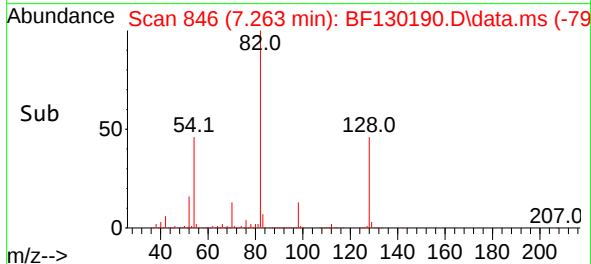
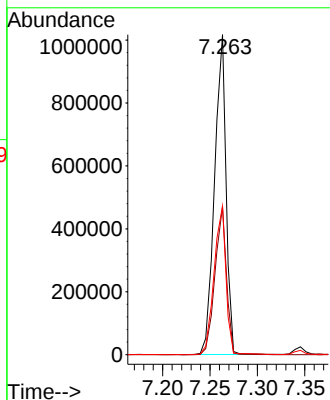
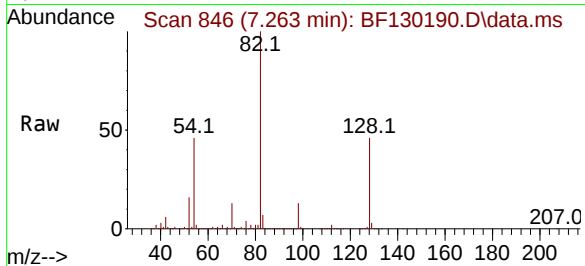




#23
Nitrobenzene-d5
Concen: 90.687 ng
RT: 7.263 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF130190.D
Acq: 08 Sep 2022 21:32

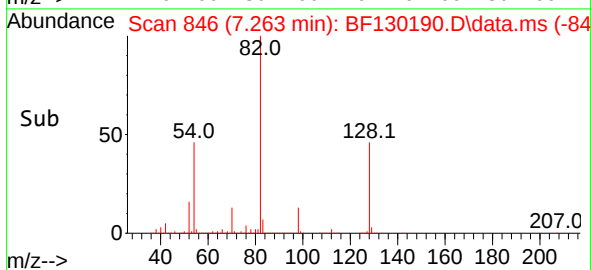
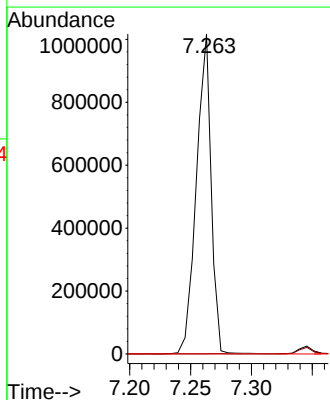
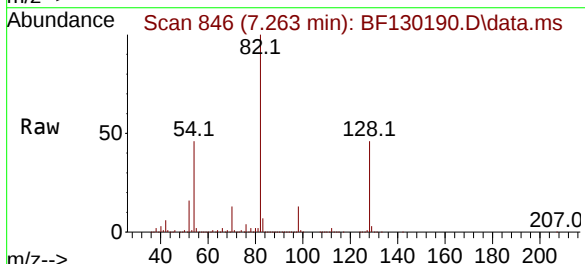
Instrument :
BNA_F
ClientSampleId :
FL-F

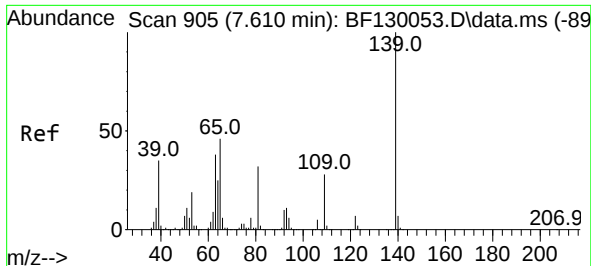
Tgt Ion: 82 Resp: 857684
Ion Ratio Lower Upper
82 100
128 46.3 36.1 54.1
54 46.4 40.0 60.0



#25
Isophorone
Concen: 44.581 ng
RT: 7.263 min Scan# 846
Delta R.T. -0.265 min
Lab File: BF130190.D
Acq: 08 Sep 2022 21:32

Tgt Ion: 82 Resp: 853381
Ion Ratio Lower Upper
82 100
95 0.1 5.9 8.9#
138 0.0 14.6 21.8#

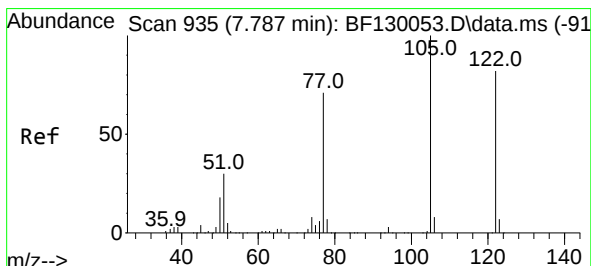
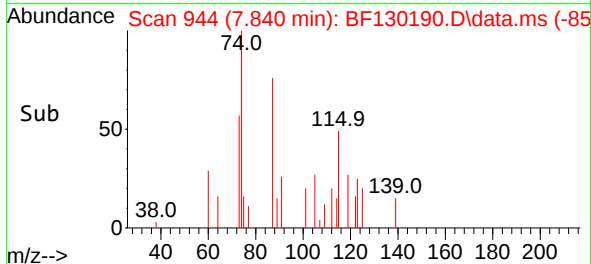
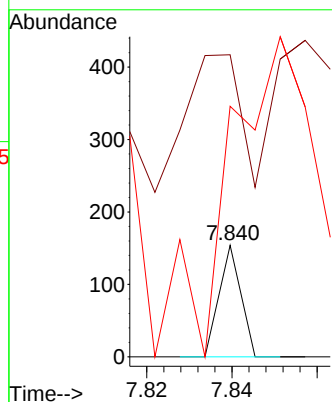
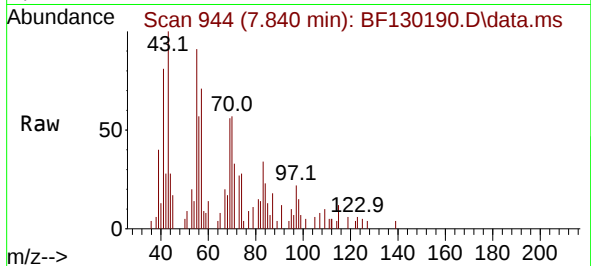




#26
2-Nitrophenol
Concen: 3.511 ng
RT: 7.840 min Scan# 944
Delta R.T. 0.241 min
Lab File: BF130190.D
Acq: 08 Sep 2022 21:32

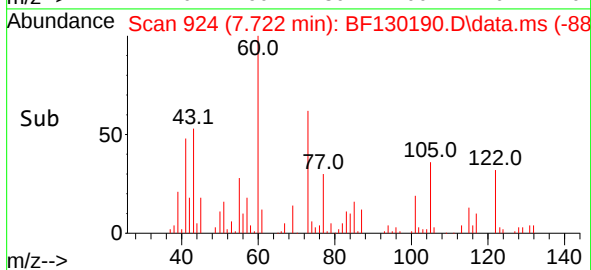
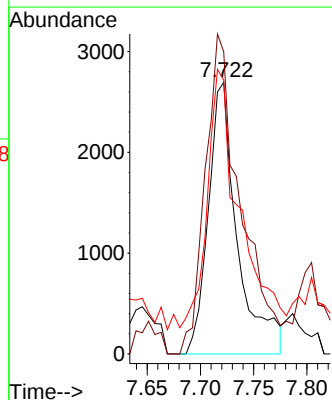
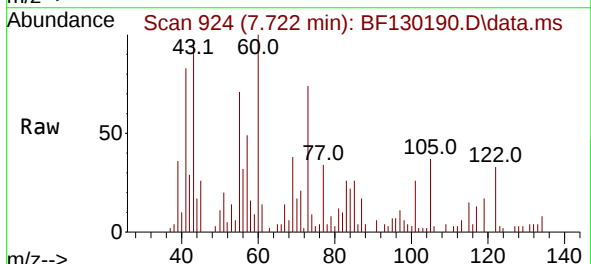
Instrument :
BNA_F
ClientSampleId :
FL-F

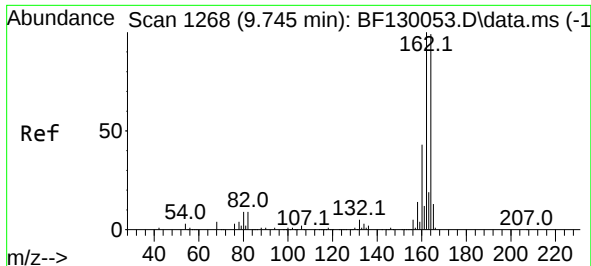
Tgt Ion:139 Resp: 54
Ion Ratio Lower Upper
139 100
109 270.8 24.4 36.6#
65 224.7 40.9 61.3#



#32
Benzoic acid
Concen: 7.245 ng
RT: 7.722 min Scan# 924
Delta R.T. -0.047 min
Lab File: BF130190.D
Acq: 08 Sep 2022 21:32

Tgt Ion:122 Resp: 5115
Ion Ratio Lower Upper
122 100
105 111.2 99.9 139.9
77 100.8 65.9 105.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.728 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF130190.D

Acq: 08 Sep 2022 21:32

Instrument :

BNA_F

ClientSampleId :

FL-F

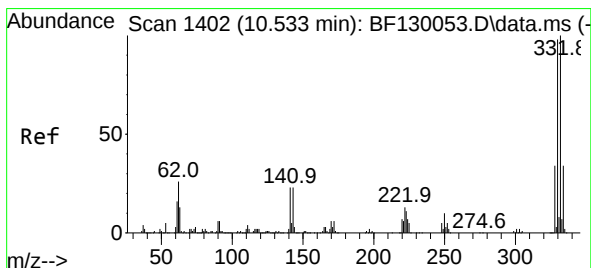
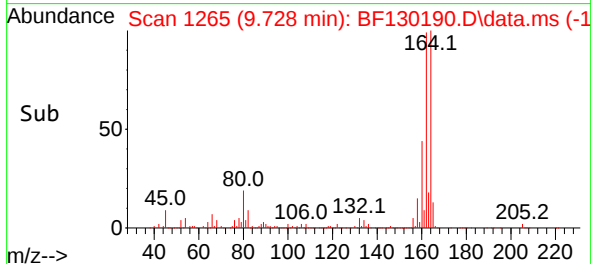
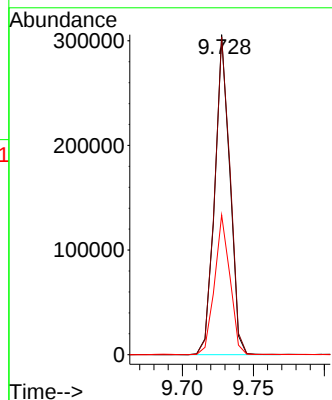
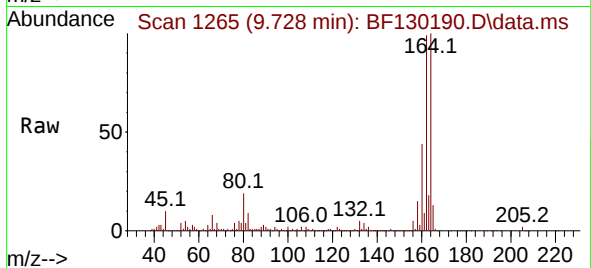
Tgt Ion:164 Resp: 225810

Ion Ratio Lower Upper

164 100

162 99.3 82.0 123.0

160 43.6 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 68.651 ng

RT: 10.516 min Scan# 1399

Delta R.T. -0.006 min

Lab File: BF130190.D

Acq: 08 Sep 2022 21:32

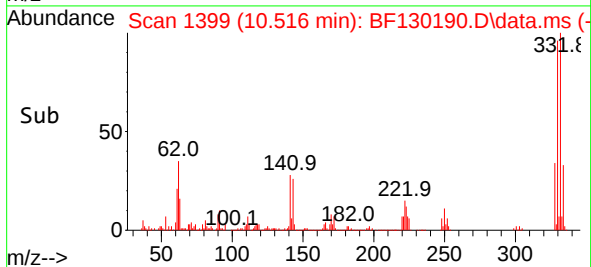
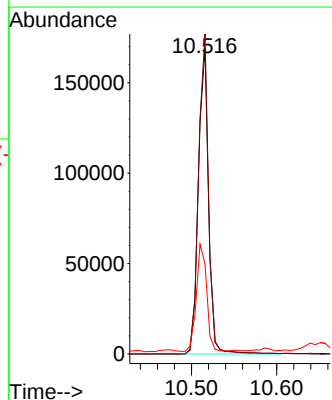
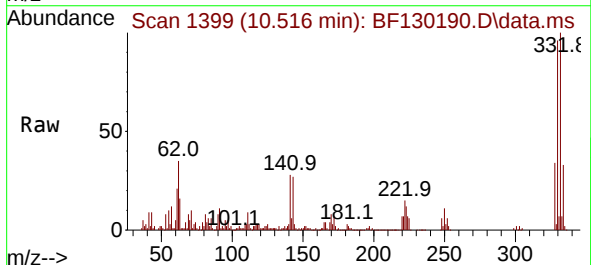
Tgt Ion:330 Resp: 141113

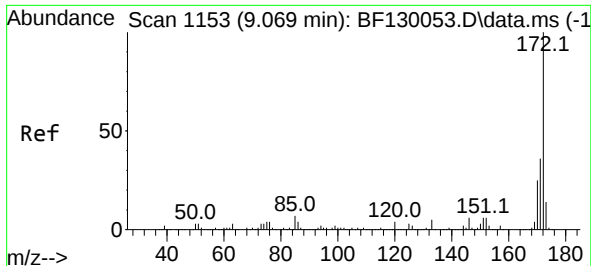
Ion Ratio Lower Upper

330 100

332 102.8 82.6 124.0

141 35.3 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 95.193 ng

RT: 9.057 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BF130190.D

Acq: 08 Sep 2022 21:32

Instrument :

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ClientSampleId :

FL-F

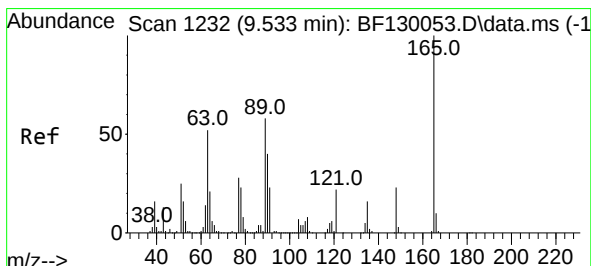
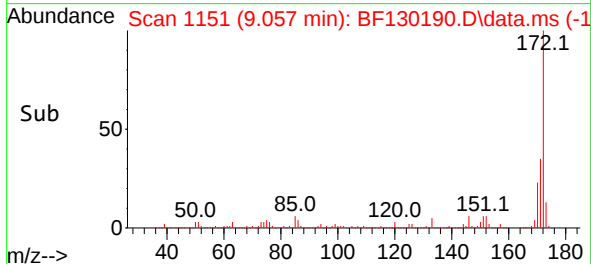
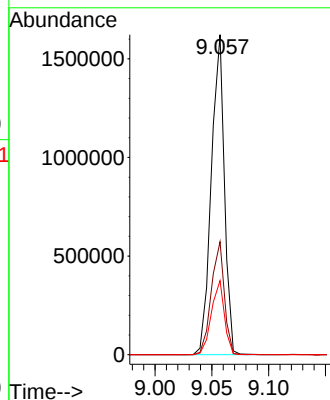
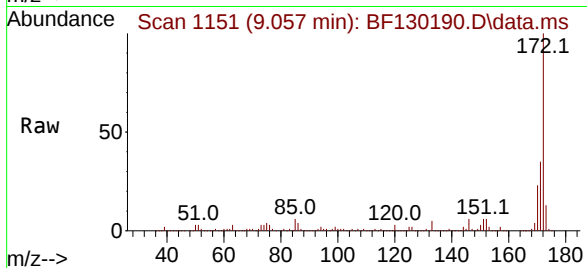
Tgt Ion:172 Resp: 1296502

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.1 19.1 28.7



#51

2,6-Dinitrotoluene

Concen: 2.158 ng

RT: 9.498 min Scan# 1226

Delta R.T. -0.029 min

Lab File: BF130190.D

Acq: 08 Sep 2022 21:32

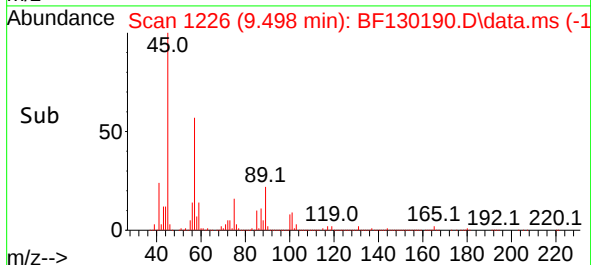
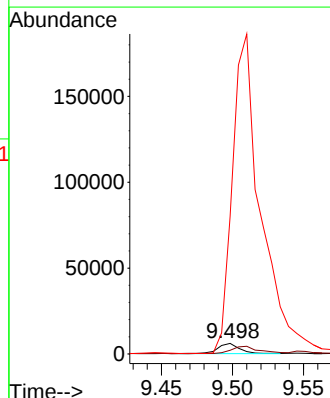
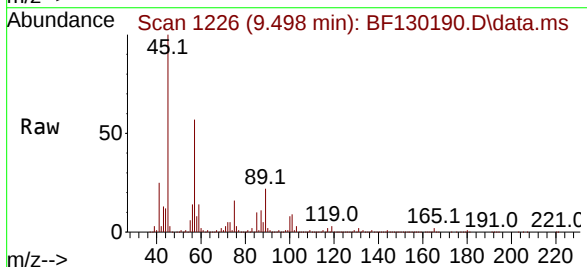
Tgt Ion:165 Resp: 6470

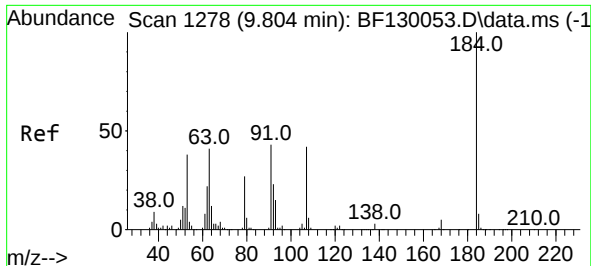
Ion Ratio Lower Upper

165 100

63 34.4 47.8 71.8#

89 1294.5 47.2 70.8#

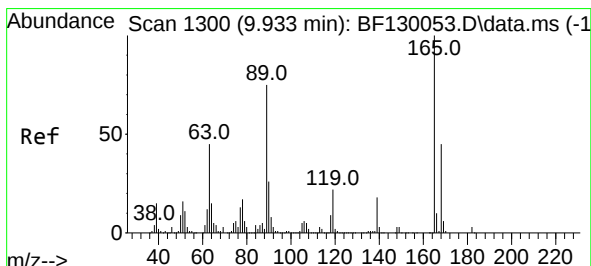
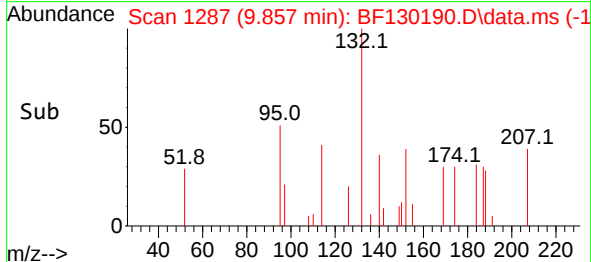
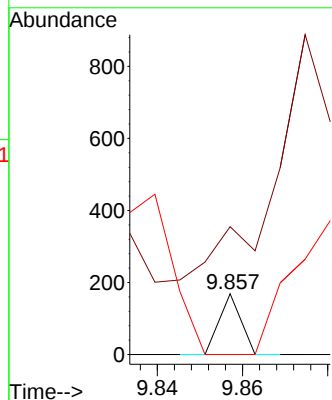
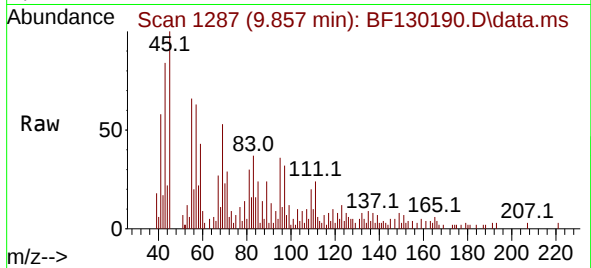




#54
2,4-Dinitrophenol
Concen: 8.132 ng
RT: 9.857 min Scan# 11
Delta R.T. 0.065 min
Lab File: BF130190.D
Acq: 08 Sep 2022 21:32

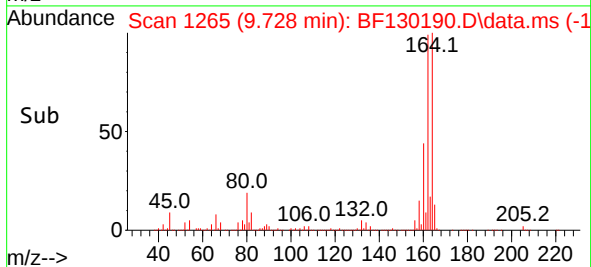
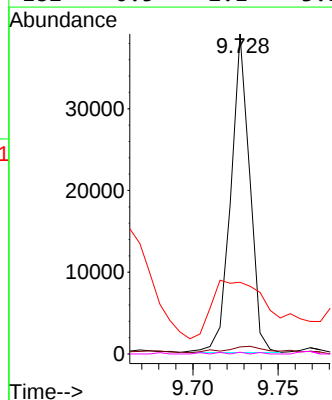
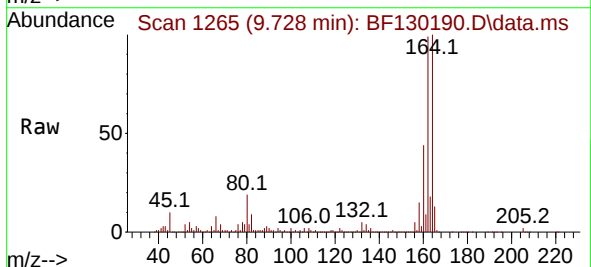
Instrument :
BNA_F
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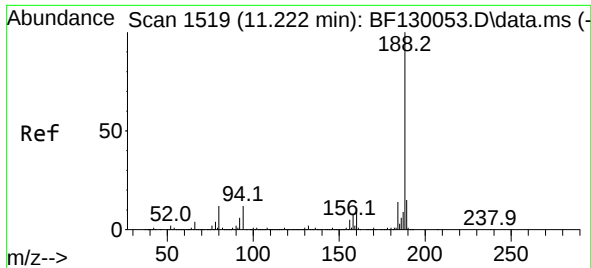
Tgt Ion:184 Resp: 60
Ion Ratio Lower Upper
184 100
63 210.1 59.6 89.4#
154 0.0 55.3 82.9#



#57
2,4-Dinitrotoluene
Concen: 8.720 ng
RT: 9.728 min Scan# 1265
Delta R.T. -0.194 min
Lab File: BF130190.D
Acq: 08 Sep 2022 21:32

Tgt Ion:165 Resp: 30107
Ion Ratio Lower Upper
165 100
63 2.2 48.4 72.6#
89 22.4 62.3 93.5#
182 0.5 2.1 3.1#

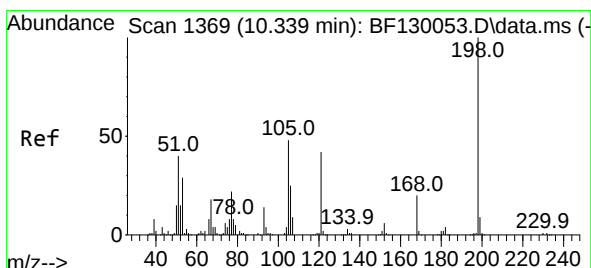
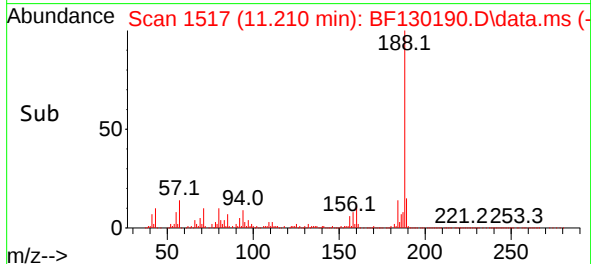
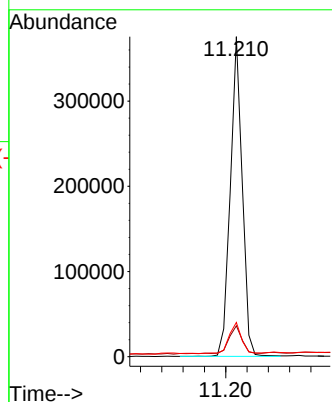
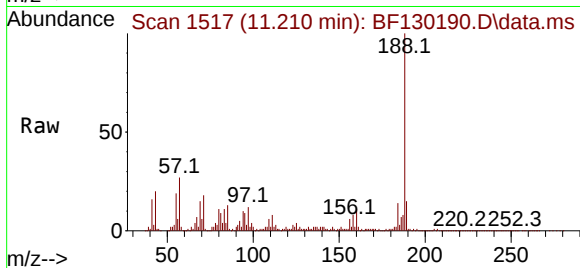




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.210 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130190.D
Acq: 08 Sep 2022 21:32

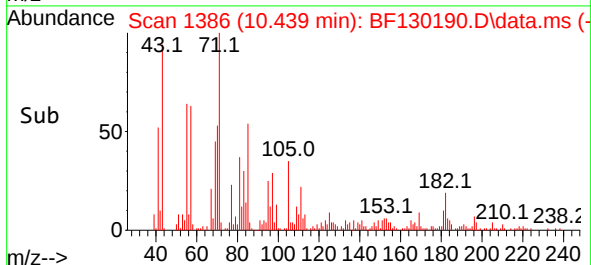
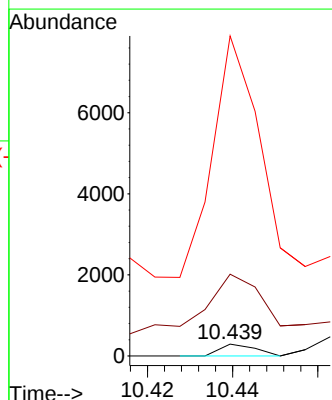
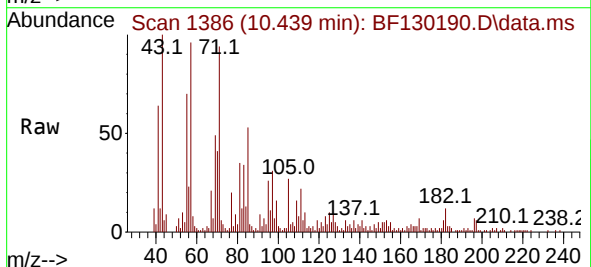
Instrument :
BNA_F
ClientSampleId :
FL-F

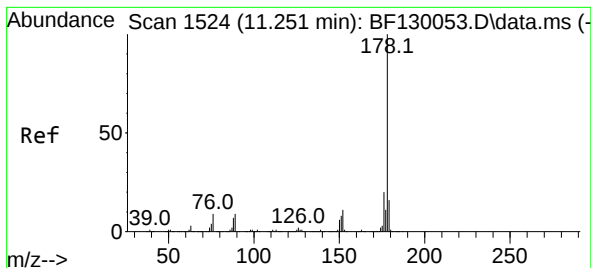
Tgt Ion:188 Resp: 291499
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.2
80 10.7 7.9 11.9



#65
4,6-Dinitro-2-methylphenol
Concen: 6.189 ng
RT: 10.439 min Scan# 1386
Delta R.T. 0.112 min
Lab File: BF130190.D
Acq: 08 Sep 2022 21:32

Tgt Ion:198 Resp: 171
Ion Ratio Lower Upper
198 100
51 685.7 29.4 69.4#
105 2685.4 29.2 69.2#





#71

Phenanthrene

Concen: 9.091 ng

RT: 11.233 min Scan# 1521

Delta R.T. -0.006 min

Lab File: BF130190.D

Acq: 08 Sep 2022 21:32

Instrument :

BNA_F

ClientSampleId :

FL-F

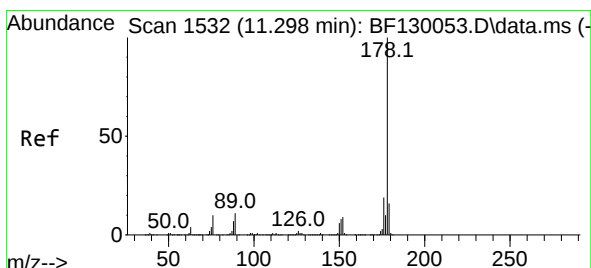
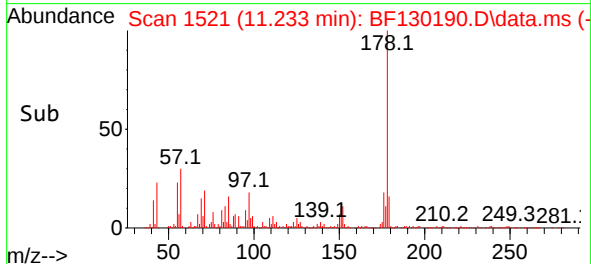
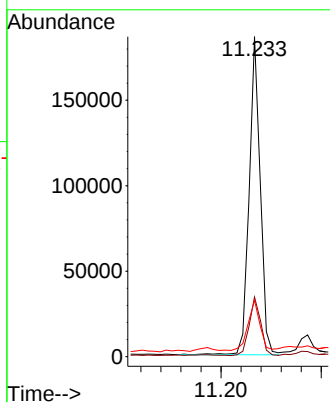
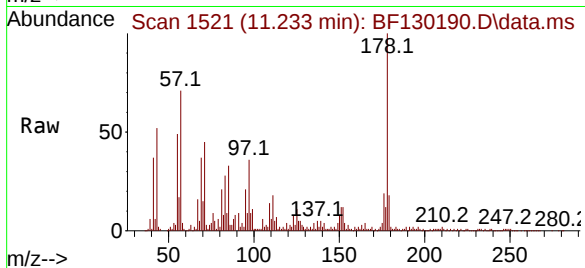
Tgt Ion:178 Resp: 143716

Ion Ratio Lower Upper

178 100

176 18.7 15.5 23.3

179 17.7 12.5 18.7



#72

Anthracene

Concen: 9.248 ng

RT: 11.233 min Scan# 1521

Delta R.T. -0.053 min

Lab File: BF130190.D

Acq: 08 Sep 2022 21:32

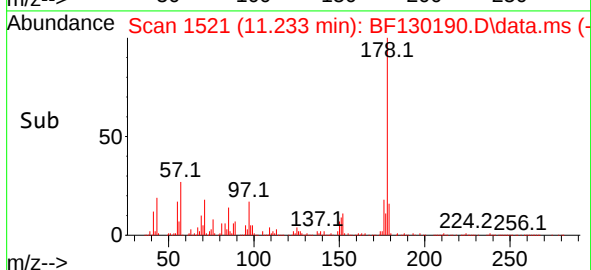
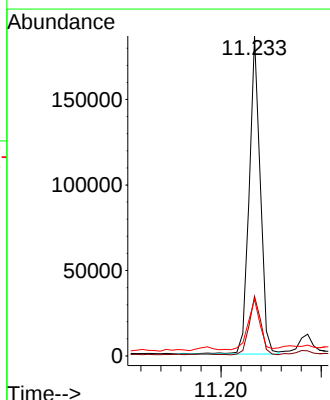
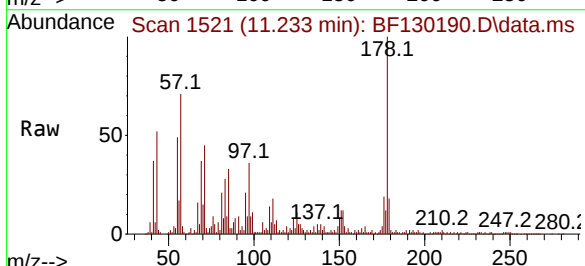
Tgt Ion:178 Resp: 143716

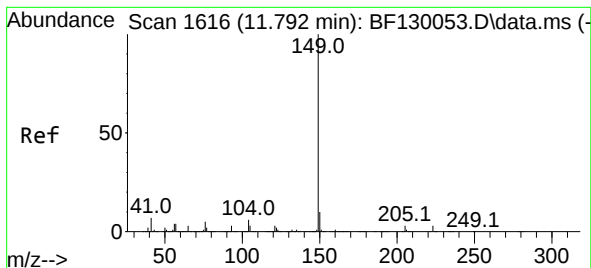
Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

179 17.7 12.6 18.8





#74

Di-n-butylphthalate

Concen: 3.673 ng

RT: 11.786 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF130190.D

Acq: 08 Sep 2022 21:32

Instrument :

BNA_F

ClientSampleId :

FL-F

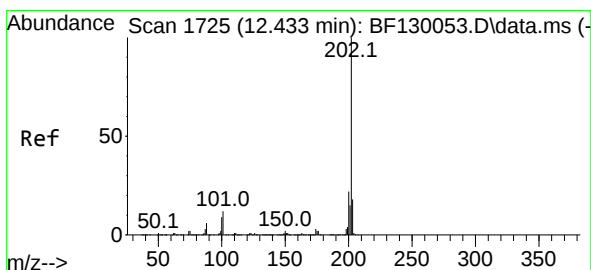
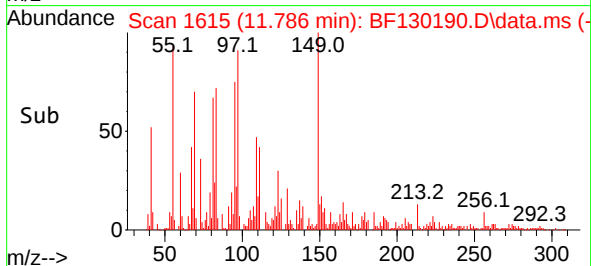
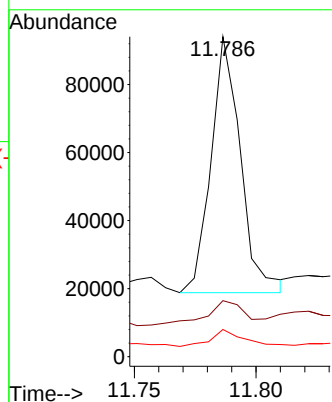
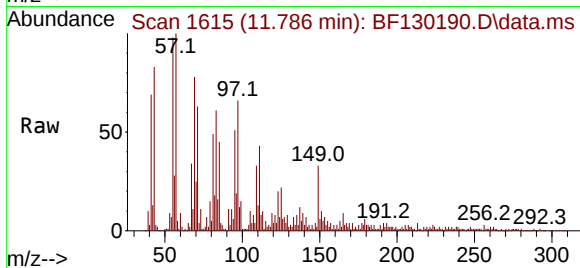
Tgt Ion:149 Resp: 63469

Ion Ratio Lower Upper

149 100

150 17.5 7.8 11.6#

104 8.5 4.2 6.4#



#75

Fluoranthene

Concen: 10.940 ng

RT: 12.439 min Scan# 1726

Delta R.T. 0.018 min

Lab File: BF130190.D

Acq: 08 Sep 2022 21:32

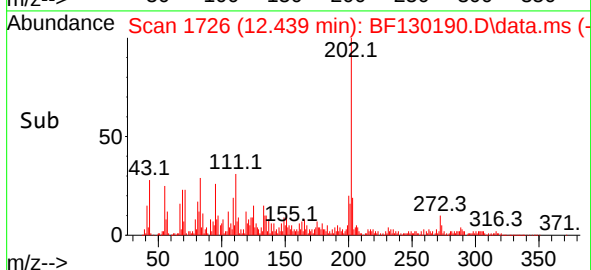
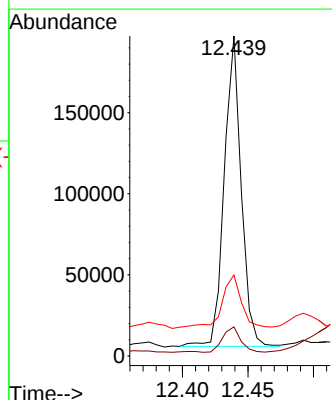
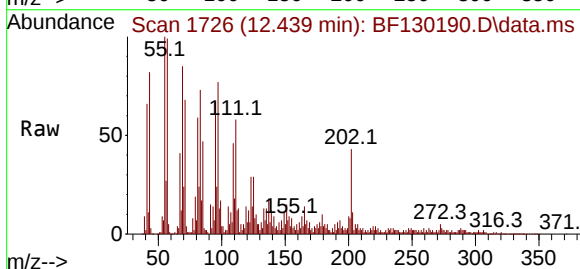
Tgt Ion:202 Resp: 171503

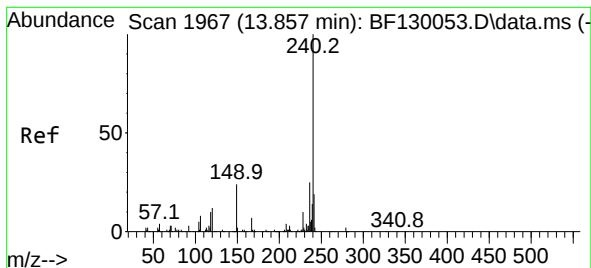
Ion Ratio Lower Upper

202 100

101 9.1 0.0 30.7

203 25.3 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.904 min Scan# 1975

Delta R.T. 0.059 min

Lab File: BF130190.D

Acq: 08 Sep 2022 21:32

Instrument :

BNA_F

ClientSampleId :

FL-F

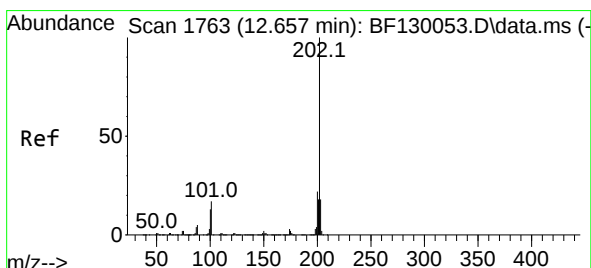
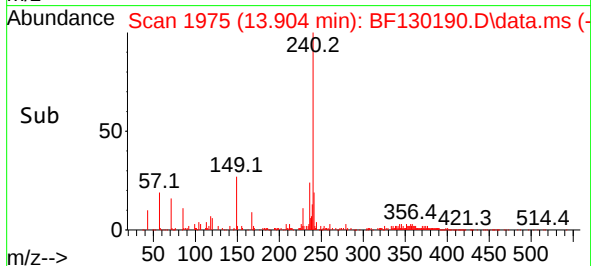
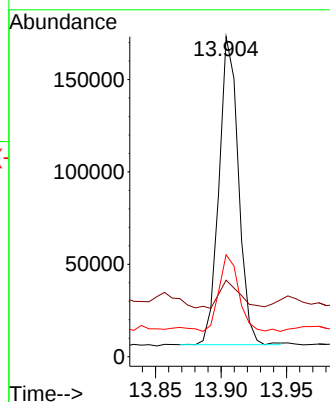
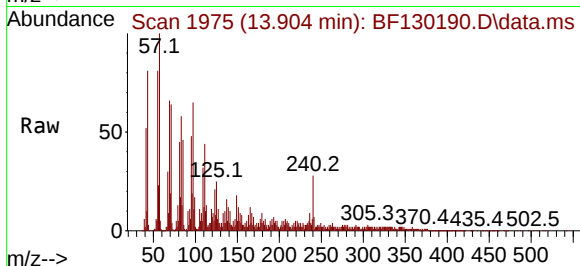
Tgt Ion:240 Resp: 171435

Ion Ratio Lower Upper

240 100

120 23.9 9.2 13.8#

236 31.8 20.7 31.1#



#78

Pyrene

Concen: 8.000 ng

RT: 12.675 min Scan# 1766

Delta R.T. 0.024 min

Lab File: BF130190.D

Acq: 08 Sep 2022 21:32

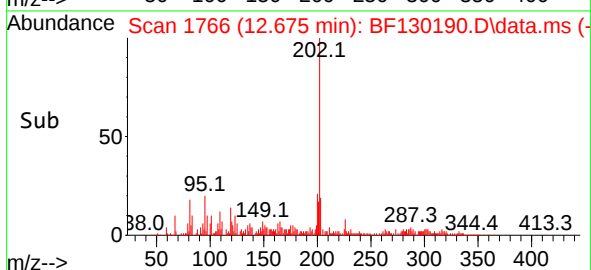
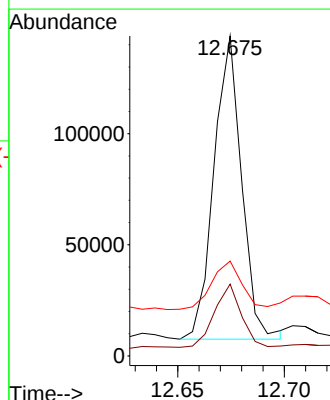
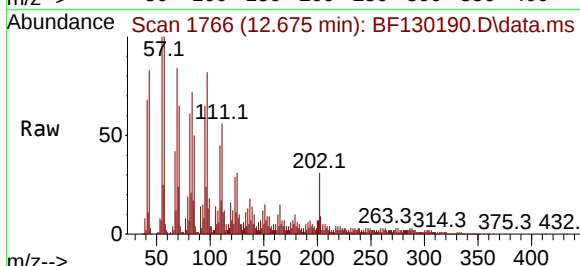
Tgt Ion:202 Resp: 123022

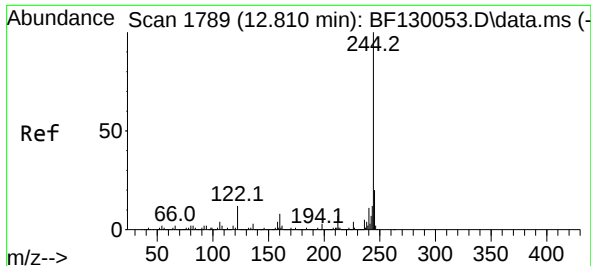
Ion Ratio Lower Upper

202 100

200 22.5 17.0 25.6

203 29.6 14.1 21.1#

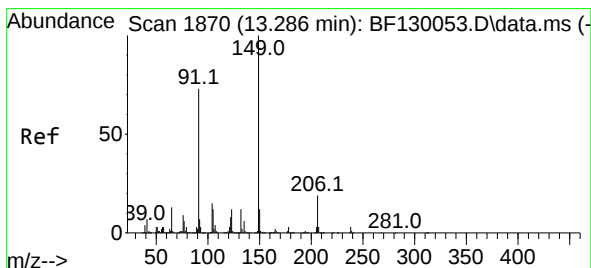
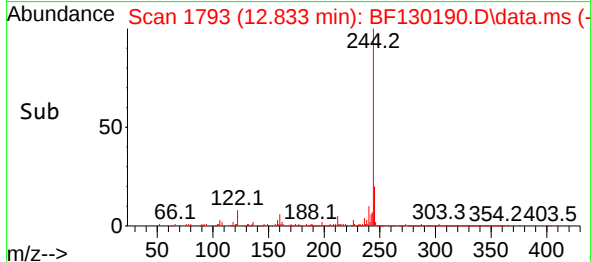
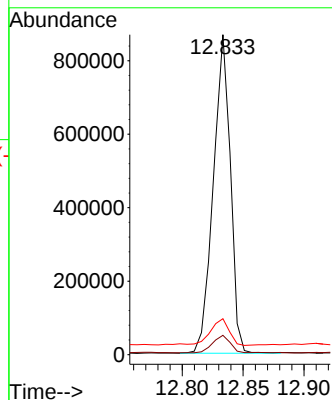
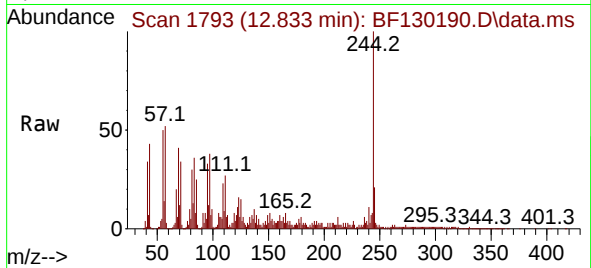




#79
 Terphenyl-d14
 Concen: 85.731 ng
 RT: 12.833 min Scan# 1
 Delta R.T. 0.035 min
 Lab File: BF130190.D
 Acq: 08 Sep 2022 21:32

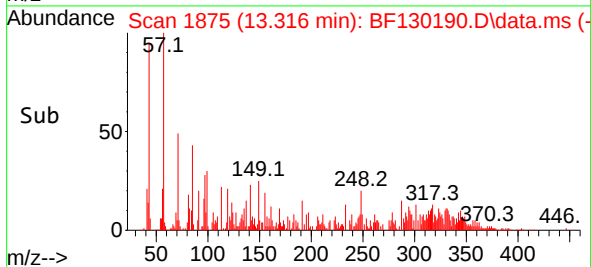
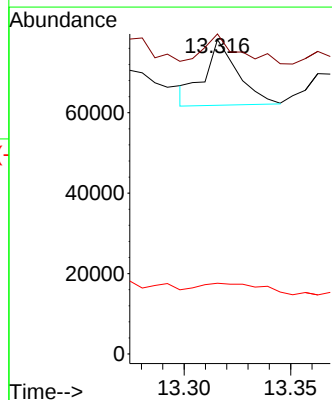
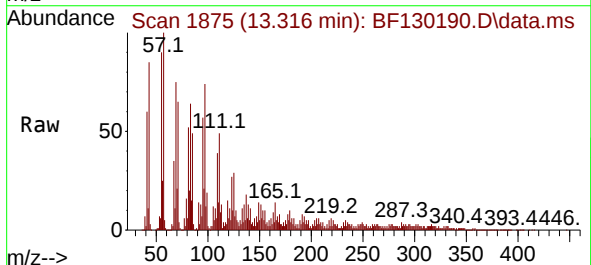
Instrument :
 BNA_F
 ClientSampleId :
 FL-F

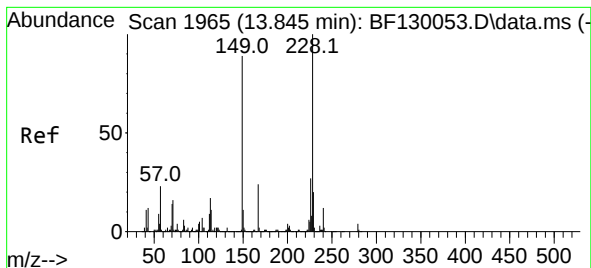
Tgt Ion:244 Resp: 847531
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.9 8.9
 122 11.3 9.9 14.9



#80
 Butylbenzylphthalate
 Concen: 2.888 ng
 RT: 13.316 min Scan# 1875
 Delta R.T. 0.041 min
 Lab File: BF130190.D
 Acq: 08 Sep 2022 21:32

Tgt Ion:149 Resp: 17664
 Ion Ratio Lower Upper
 149 100
 91 101.8 55.4 83.0#
 206 22.5 15.8 23.6





#81

Benzo(a)anthracene

Concen: 2.676 ng

RT: 13.898 min Scan# 1974

Delta R.T. 0.065 min

Lab File: BF130190.D

Acq: 08 Sep 2022 21:32

Instrument :

BNA_F

ClientSampleId :

FL-F

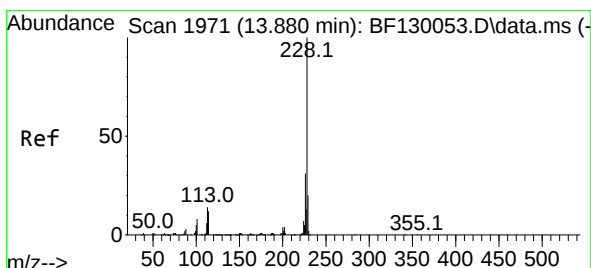
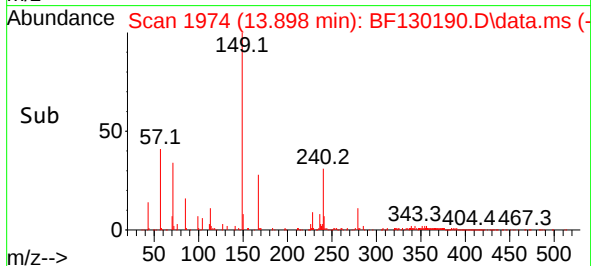
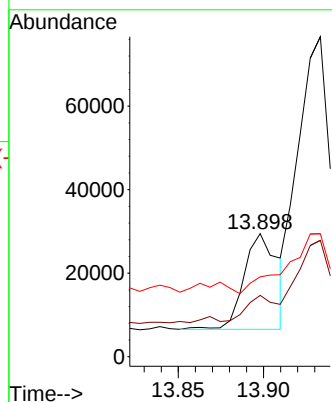
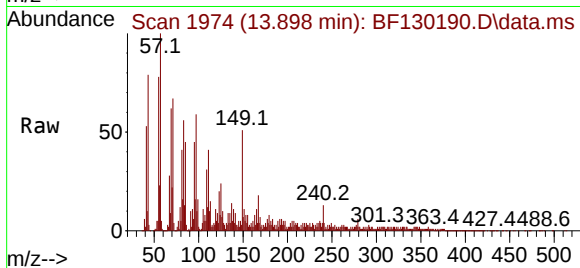
Tgt Ion:228 Resp: 31434

Ion Ratio Lower Upper

228 100

226 49.9 21.4 32.0#

229 64.9 16.1 24.1#



#83

Chrysene

Concen: 8.054 ng

RT: 13.933 min Scan# 1980

Delta R.T. 0.065 min

Lab File: BF130190.D

Acq: 08 Sep 2022 21:32

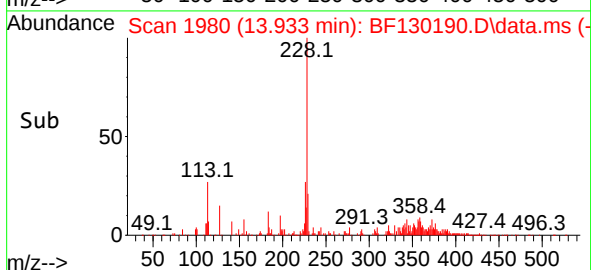
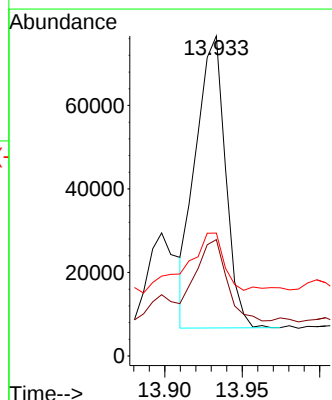
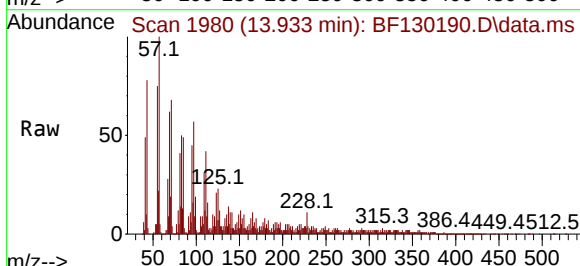
Tgt Ion:228 Resp: 93289

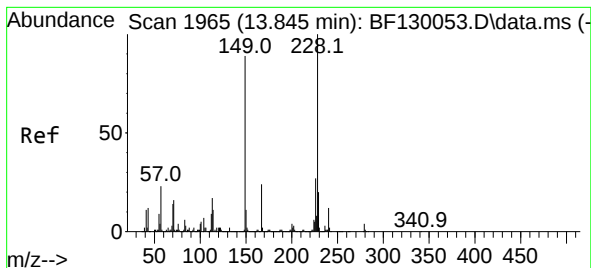
Ion Ratio Lower Upper

228 100

226 36.4 24.4 36.6

229 38.4 15.9 23.9#

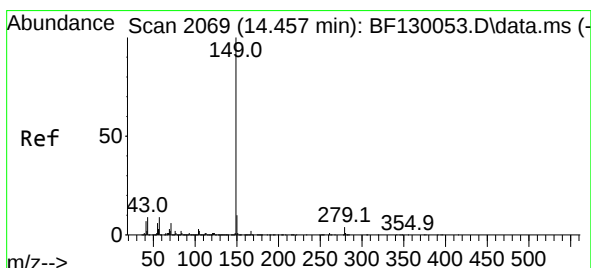
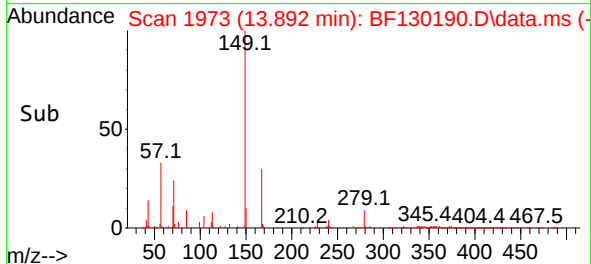
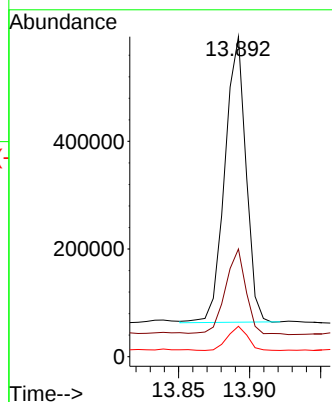
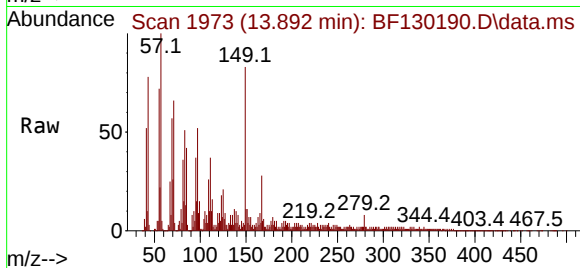




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 71.816 ng
 RT: 13.892 min Scan# 1973
 Delta R.T. 0.059 min
 Lab File: BF130190.D
 Acq: 08 Sep 2022 21:32

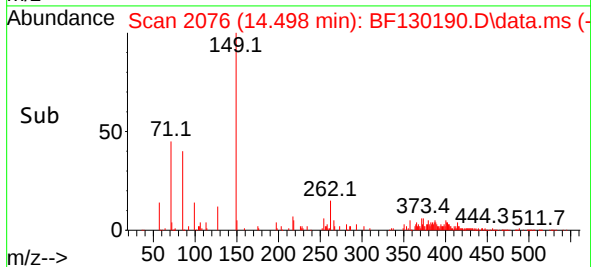
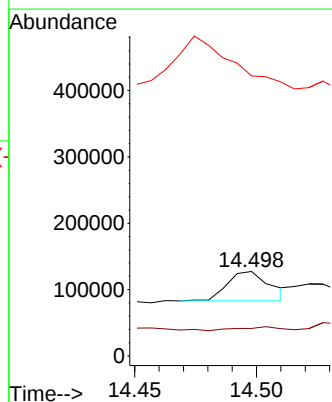
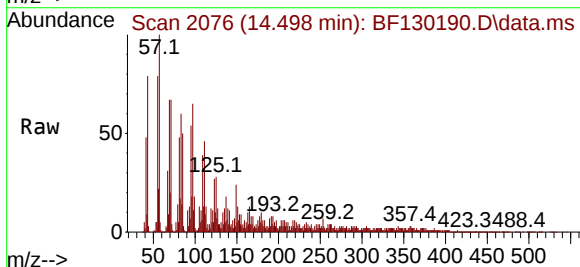
Instrument :
 BNA_F
 ClientSampleId :
 FL-F

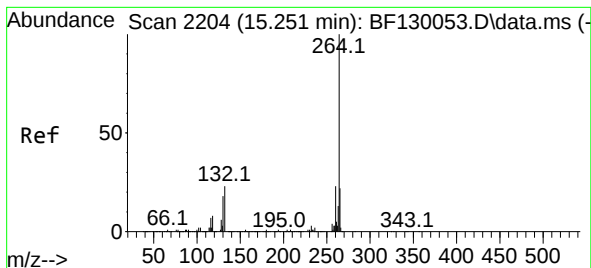
Tgt Ion:149 Resp: 545973
 Ion Ratio Lower Upper
 149 100
 167 33.7 22.0 33.0#
 279 9.5 3.6 5.4#



#85
 Di-n-octyl phthalate
 Concen: 4.506 ng
 RT: 14.498 min Scan# 2076
 Delta R.T. 0.053 min
 Lab File: BF130190.D
 Acq: 08 Sep 2022 21:32

Tgt Ion:149 Resp: 54114
 Ion Ratio Lower Upper
 149 100
 167 12.7 1.3 1.9#
 43 0.0 7.8 11.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.316 min Scan# 2147

Delta R.T. 0.077 min

Lab File: BF130190.D

Acq: 08 Sep 2022 21:32

Instrument :

BNA_F

ClientSampleId :

FL-F

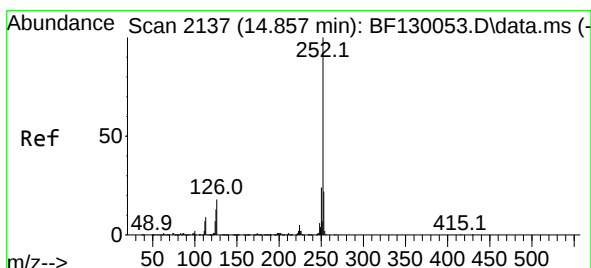
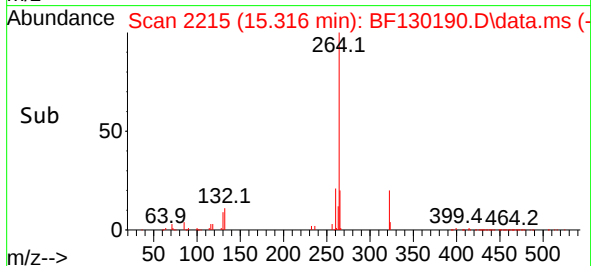
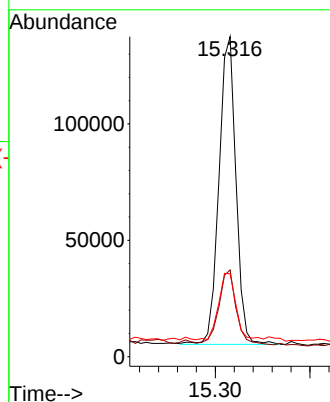
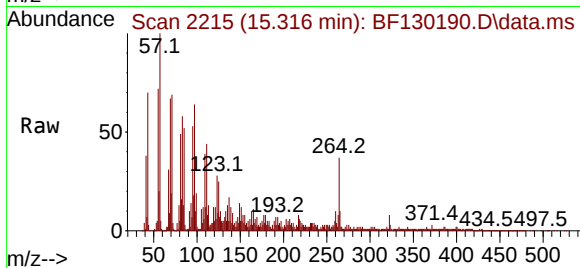
Tgt Ion:264 Resp: 164569

Ion Ratio Lower Upper

264 100

260 27.1 19.1 28.7

265 25.9 16.7 25.1#



#88

Benzo(b)fluoranthene

Concen: 7.712 ng

RT: 14.916 min Scan# 2147

Delta R.T. 0.071 min

Lab File: BF130190.D

Acq: 08 Sep 2022 21:32

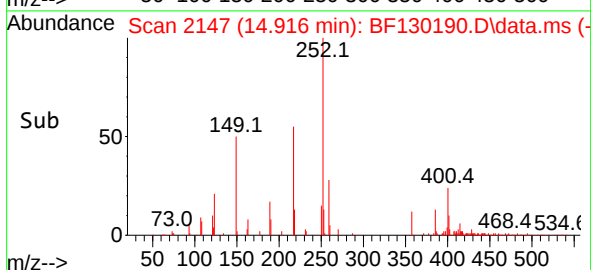
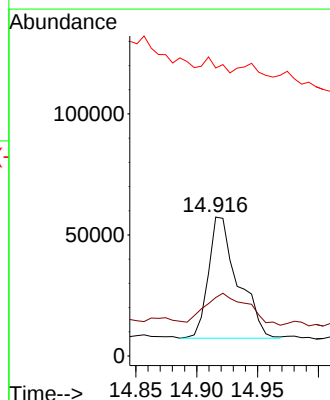
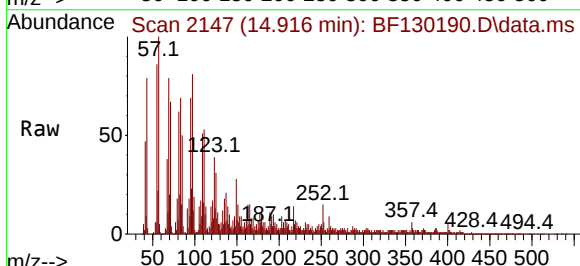
Tgt Ion:252 Resp: 84632

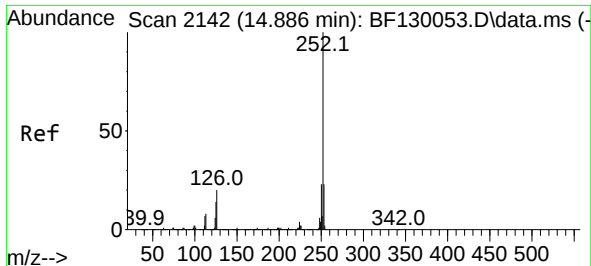
Ion Ratio Lower Upper

252 100

253 42.0 17.5 26.3#

125 207.3 8.3 12.5#

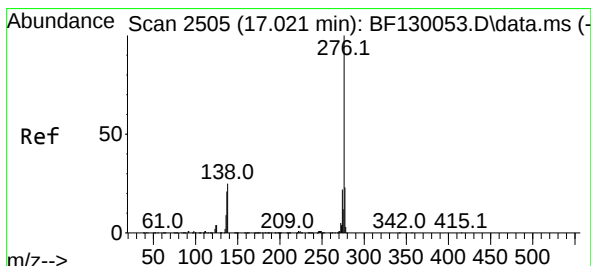
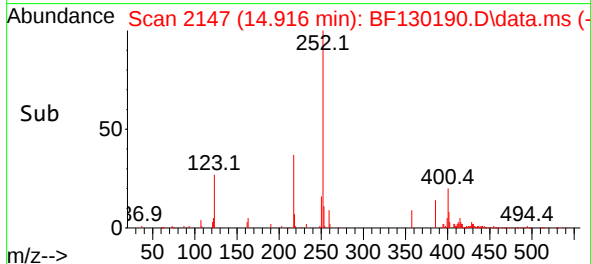
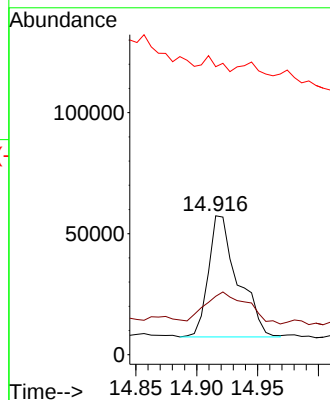
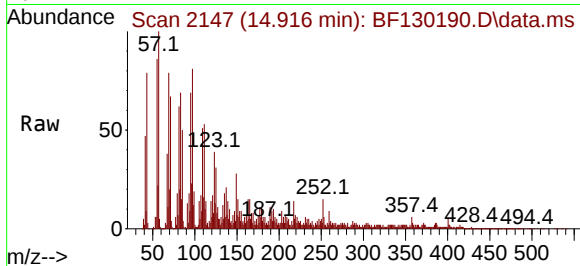




#89
Benzo(k)fluoranthene
Concen: 7.974 ng
RT: 14.916 min Scan# 2142
Delta R.T. 0.041 min
Lab File: BF130190.D
Acq: 08 Sep 2022 21:32

Instrument :
BNA_F
ClientSampleId :
FL-F

Tgt Ion:252 Resp: 84632
Ion Ratio Lower Upper
252 100
253 42.0 17.1 25.7#
125 207.3 8.3 12.5#



#92
Benzo(g,h,i)perylene
Concen: 2.538 ng
RT: 17.062 min Scan# 2512
Delta R.T. 0.065 min
Lab File: BF130190.D
Acq: 08 Sep 2022 21:32

Tgt Ion:276 Resp: 22556
Ion Ratio Lower Upper
276 100
277 50.6 18.2 27.4#
138 100.2 15.8 23.8#

