

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090822\
 Data File : BF130188.D
 Acq On : 08 Sep 2022 20:26
 Operator : CG\JU
 Sample : N4534-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FL-E

Quant Time: Sep 09 01:09:18 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)

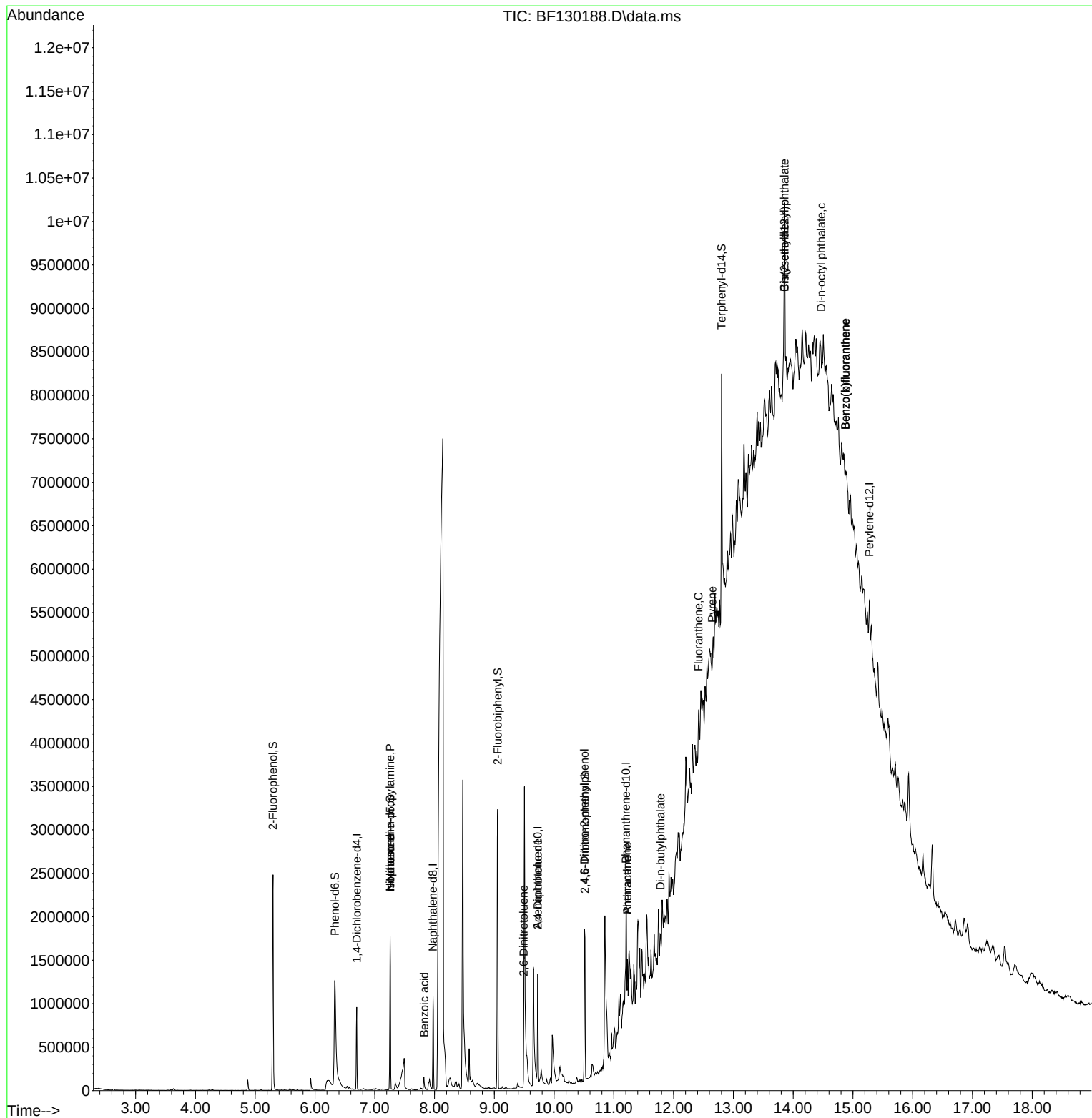
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.698	152	134336	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	460223	20.000	ng	# 0.00
39) Acenaphthene-d10	9.728	164	218987	20.000	ng	0.00
64) Phenanthrene-d10	11.204	188	368974	20.000	ng	# 0.00
76) Chrysene-d12	13.857	240	267561	20.000	ng	0.01
86) Perylene-d12	15.274	264	284904	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.298	112	809130	102.253	ng	0.00
7) Phenol-d6	6.334	99	958875	97.197	ng	0.00
23) Nitrobenzene-d5	7.257	82	551182	76.968	ng	-0.01
42) 2,4,6-Tribromophenol	10.516	330	216003	108.360	ng	0.00
45) 2-Fluorobiphenyl	9.057	172	952256	72.096	ng	0.00
79) Terphenyl-d14	12.804	244	1015737	65.832	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.257	70	71935	12.104	ng	# 73
25) Isophorone	7.257	82	550012	37.947	ng	# 65
32) Benzoic acid	7.828	122	366	6.636	ng	# 1
51) 2,6-Dinitrotoluene	9.492	165	10564	3.633	ng	# 1
57) 2,4-Dinitrotoluene	9.728	165	28434	8.492	ng	# 29
65) 4,6-Dinitro-2-methylph...	10.510	198	494	6.329	ng	# 1
71) Phenanthrene	11.227	178	51951	2.596	ng	97
72) Anthracene	11.227	178	51951	2.641	ng	97
74) Di-n-butylphthalate	11.780	149	56880	2.600	ng	# 94
75) Fluoranthene	12.416	202	51661	2.604	ng	84
78) Pyrene	12.645	202	55570	2.316	ng	# 88
84) Bis(2-ethylhexyl)phtha...	13.857	149	1062843	89.577	ng	# 95
85) Di-n-octyl phthalate	14.468	149	130162	6.945	ng	# 76
88) Benzo(b)fluoranthene	14.874	252	41492	2.184	ng	# 1
89) Benzo(k)fluoranthene	14.874	252	41492	2.258	ng	# 1

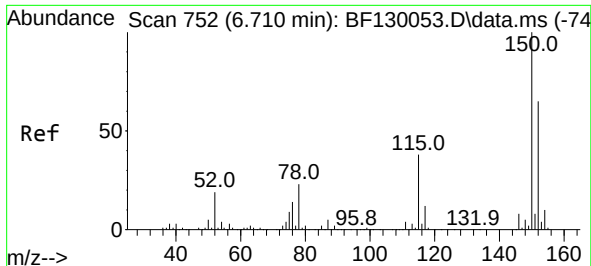
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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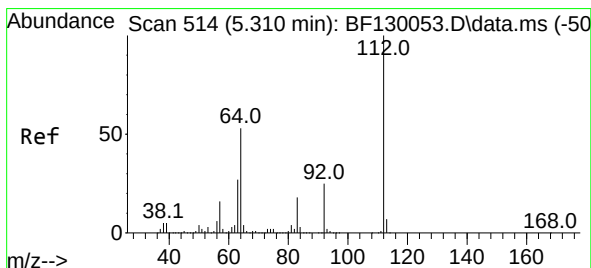
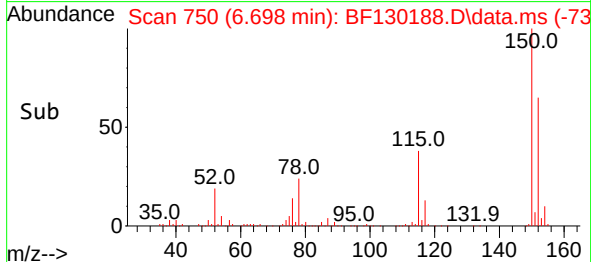
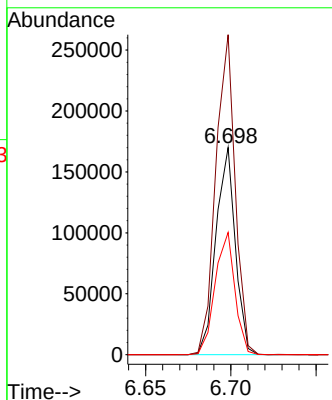
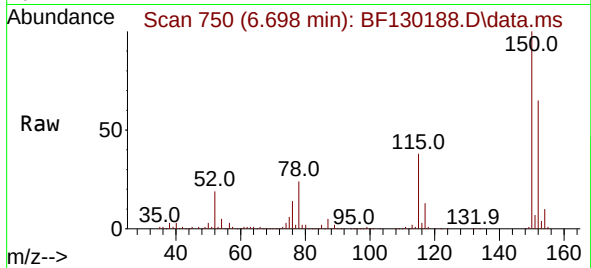




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.698 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF130188.D
 Acq: 08 Sep 2022 20:26

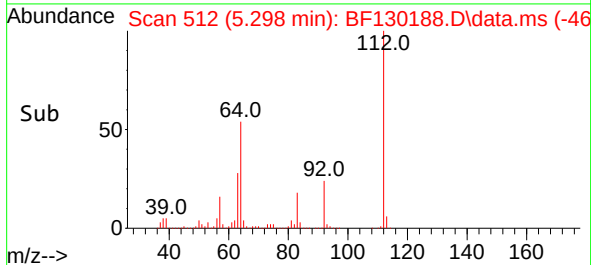
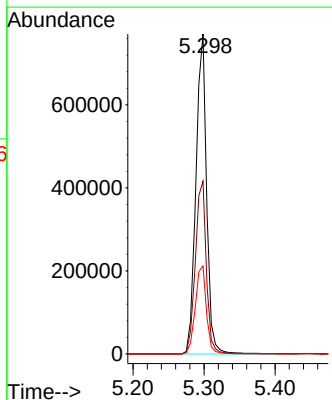
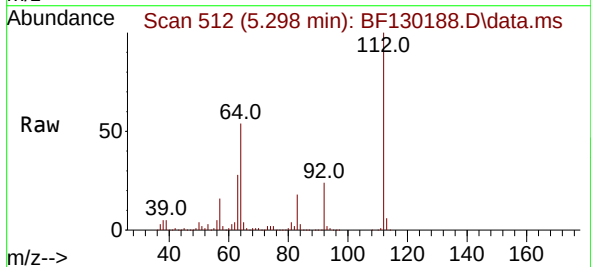
Instrument :
 BNA_F
 ClientSampleId :
 FL-E

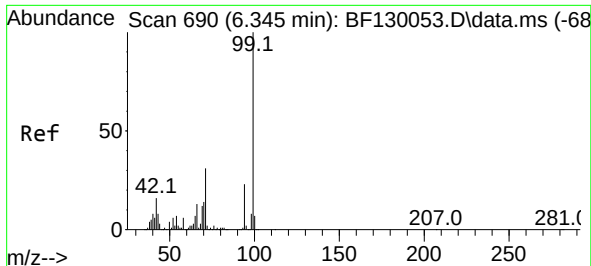
Tgt Ion:152 Resp: 134336
 Ion Ratio Lower Upper
 152 100
 150 154.4 126.9 190.3
 115 59.0 53.4 80.0



#5
 2-Fluorophenol
 Concen: 102.253 ng
 RT: 5.298 min Scan# 512
 Delta R.T. -0.000 min
 Lab File: BF130188.D
 Acq: 08 Sep 2022 20:26

Tgt Ion:112 Resp: 809130
 Ion Ratio Lower Upper
 112 100
 64 54.0 47.6 71.4
 63 27.5 24.6 37.0

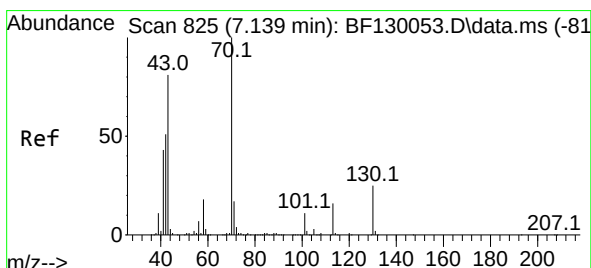
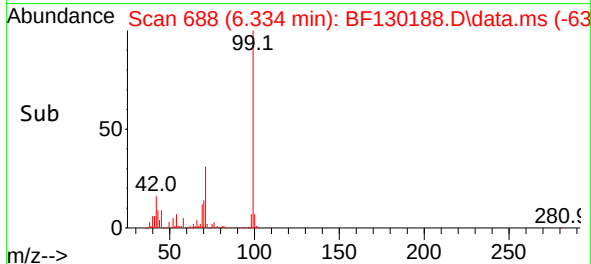
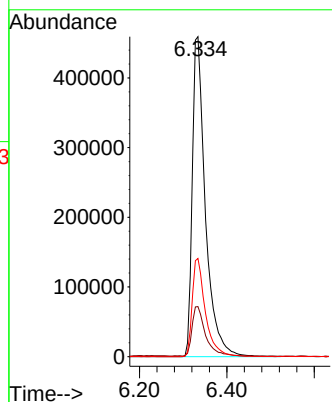
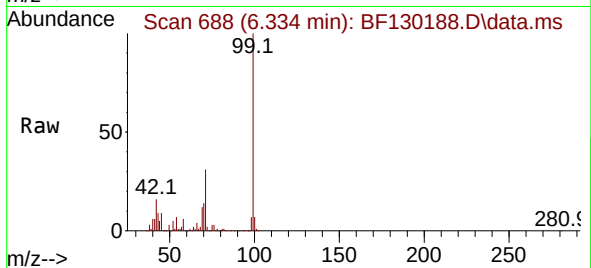




#7
Phenol-d6
Concen: 97.197 ng
RT: 6.334 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF130188.D
Acq: 08 Sep 2022 20:26

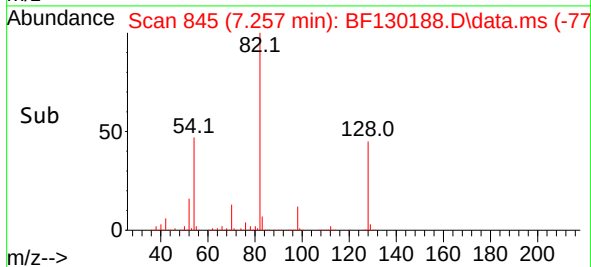
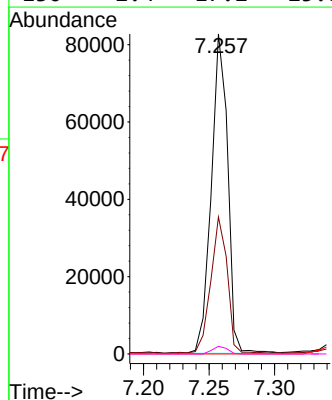
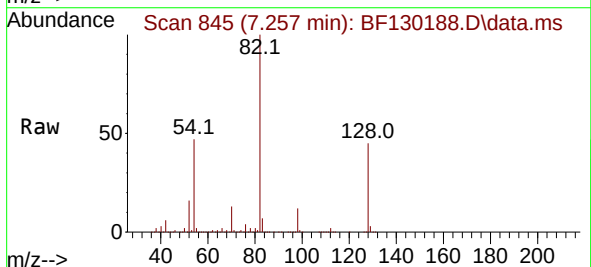
Instrument :
BNA_F
ClientSampleId :
FL-E

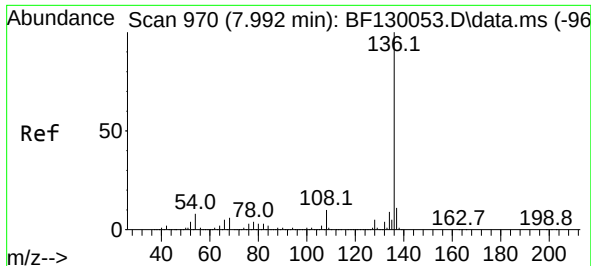
Tgt Ion: 99 Resp: 958875
Ion Ratio Lower Upper
99 100
42 15.6 15.0 22.4
71 30.7 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 12.104 ng
RT: 7.257 min Scan# 845
Delta R.T. 0.129 min
Lab File: BF130188.D
Acq: 08 Sep 2022 20:26

Tgt Ion: 70 Resp: 71935
Ion Ratio Lower Upper
70 100
42 42.8 47.6 71.4#
101 0.0 8.1 12.1#
130 2.4 17.2 25.8#

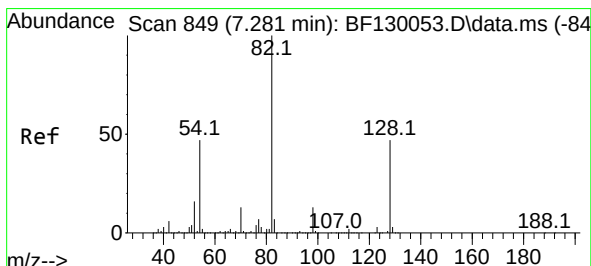
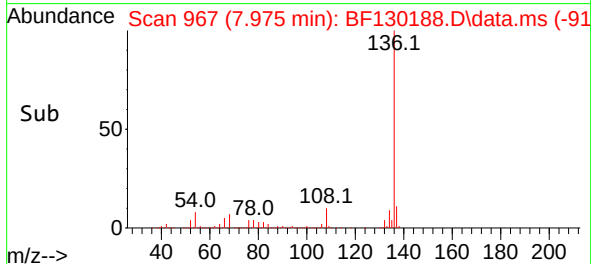
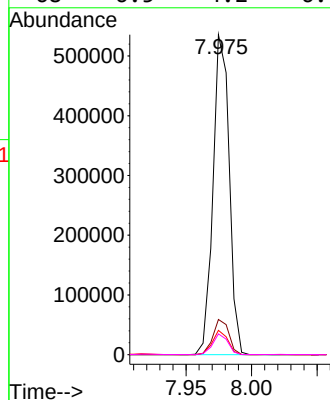
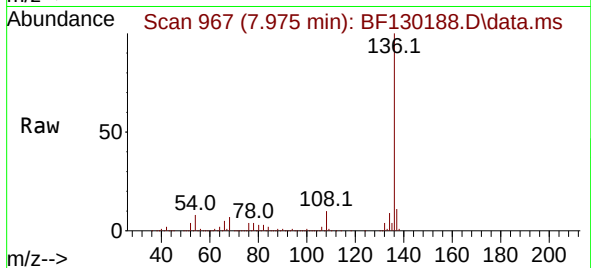




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.975 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130188.D
Acq: 08 Sep 2022 20:26

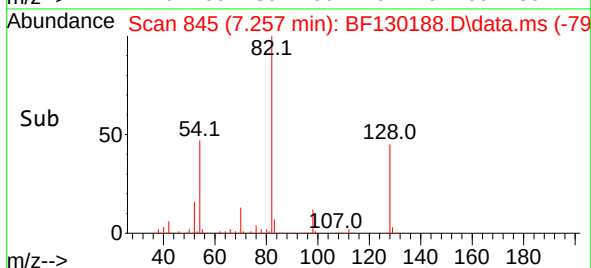
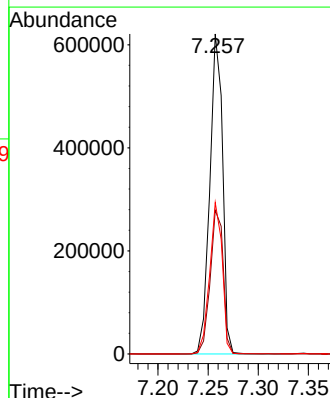
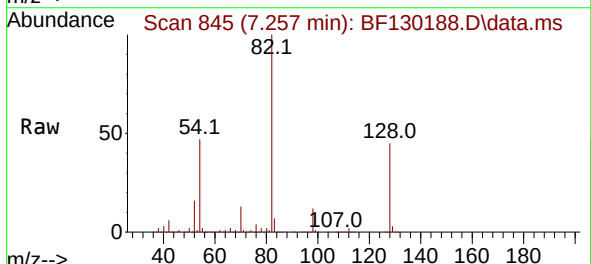
Instrument :
BNA_F
ClientSampleId :
FL-E

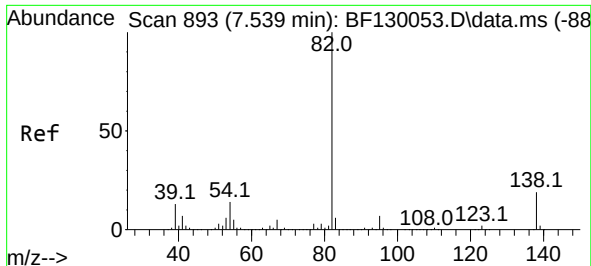
Tgt Ion:136 Resp: 460223
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.6 6.2 9.2
68 6.5 4.2 6.4#



#23
Nitrobenzene-d5
Concen: 76.968 ng
RT: 7.257 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF130188.D
Acq: 08 Sep 2022 20:26

Tgt Ion: 82 Resp: 551182
Ion Ratio Lower Upper
82 100
128 44.9 36.1 54.1
54 47.3 40.0 60.0

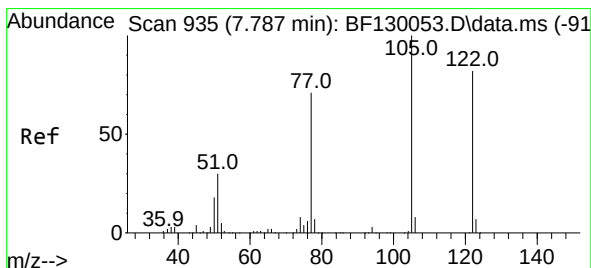
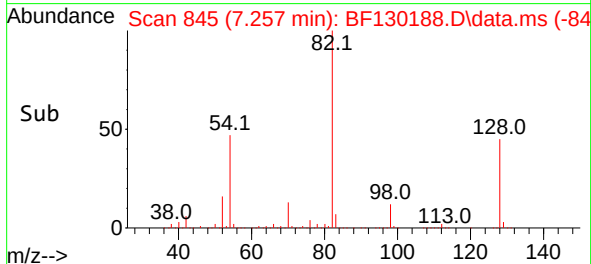
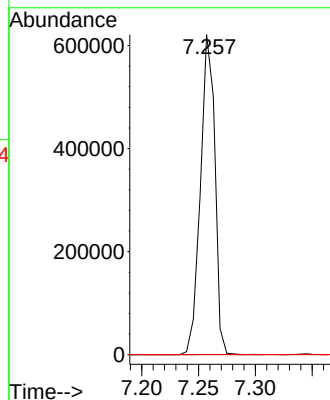
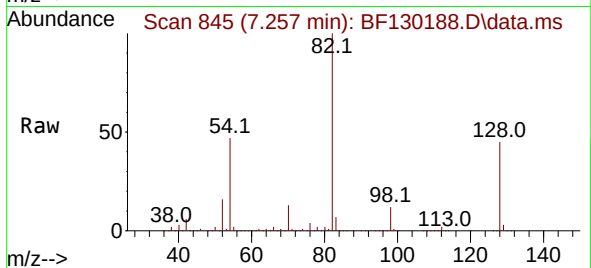




#25
Isophorone
Concen: 37.947 ng
RT: 7.257 min Scan# 84
Delta R.T. -0.271 min
Lab File: BF130188.D
Acq: 08 Sep 2022 20:26

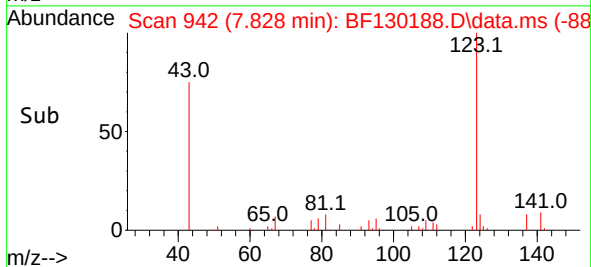
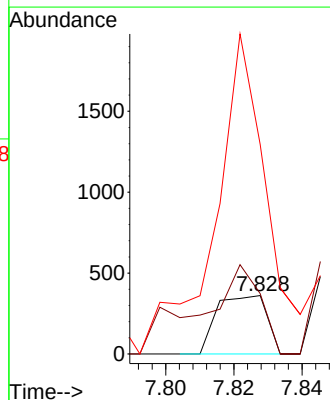
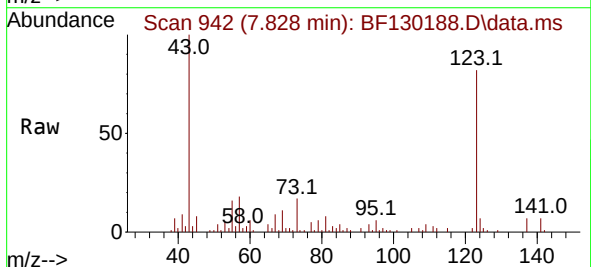
Instrument :
BNA_F
ClientSampleId :
FL-E

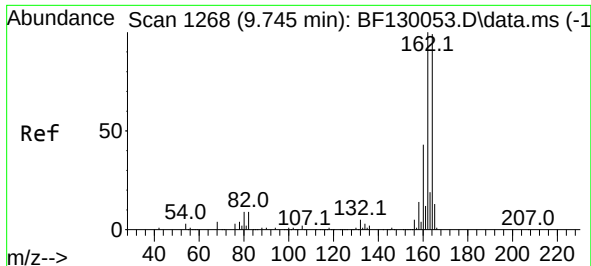
Tgt Ion: 82 Resp: 550012
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.636 ng
RT: 7.828 min Scan# 942
Delta R.T. 0.059 min
Lab File: BF130188.D
Acq: 08 Sep 2022 20:26

Tgt Ion:122 Resp: 366
Ion Ratio Lower Upper
122 100
105 103.3 99.9 139.9
77 358.7 65.9 105.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.728 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130188.D

Acq: 08 Sep 2022 20:26

Instrument :

BNA_F

ClientSampleId :

FL-E

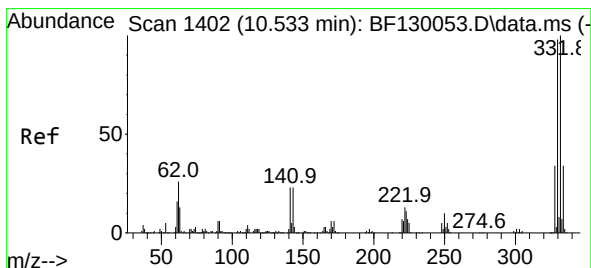
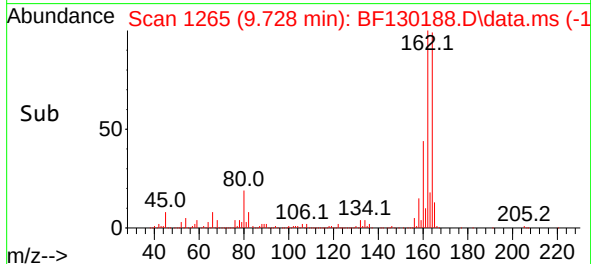
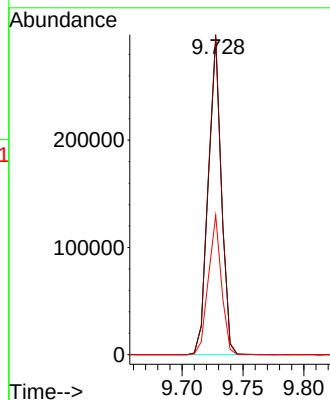
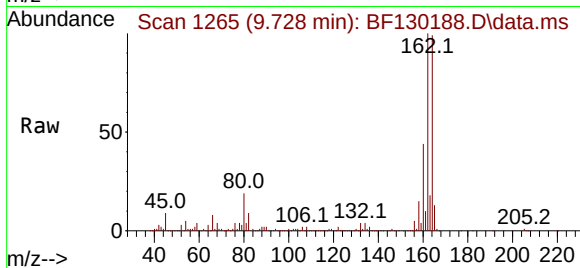
Tgt Ion:164 Resp: 218987

Ion Ratio Lower Upper

164 100

162 101.0 82.0 123.0

160 44.0 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 108.360 ng

RT: 10.516 min Scan# 1399

Delta R.T. -0.006 min

Lab File: BF130188.D

Acq: 08 Sep 2022 20:26

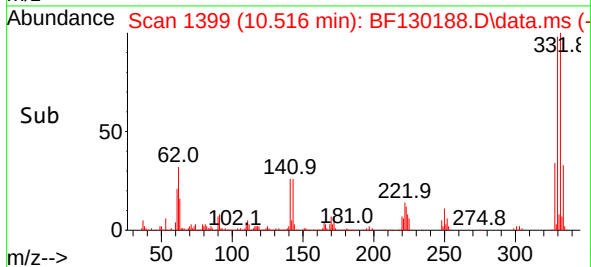
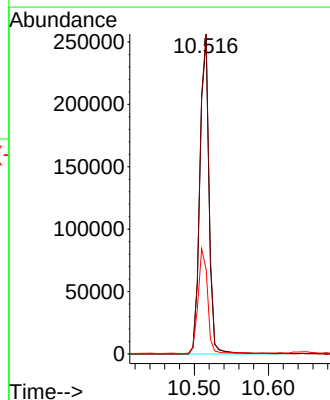
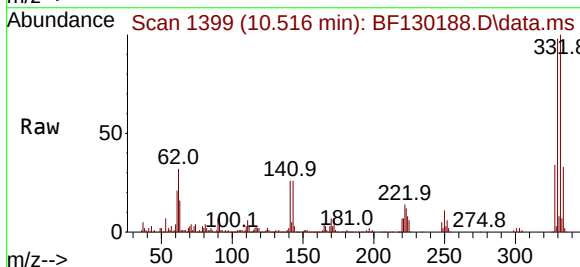
Tgt Ion:330 Resp: 216003

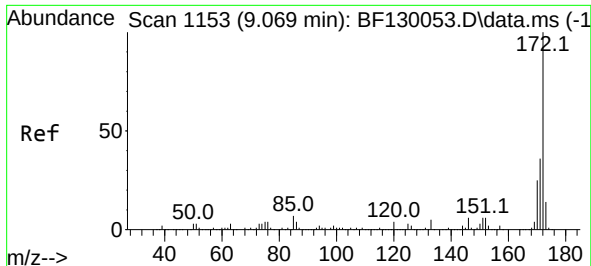
Ion Ratio Lower Upper

330 100

332 101.8 82.6 124.0

141 34.2 27.6 41.4

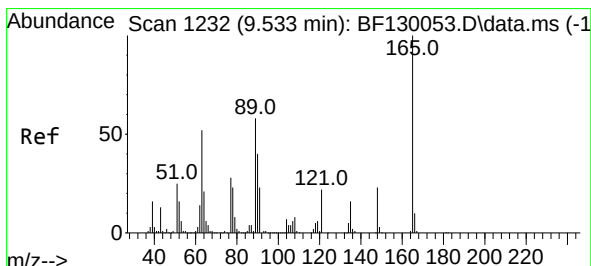
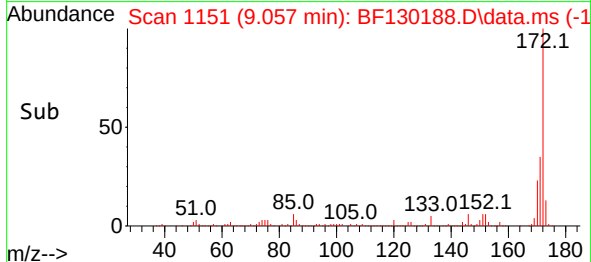
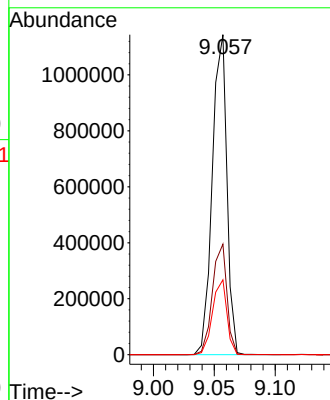
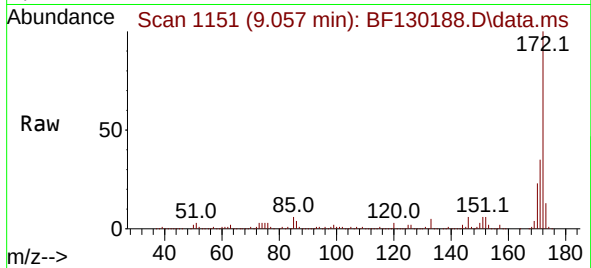




#45
2-Fluorobiphenyl
Concen: 72.096 ng
RT: 9.057 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF130188.D
Acq: 08 Sep 2022 20:26

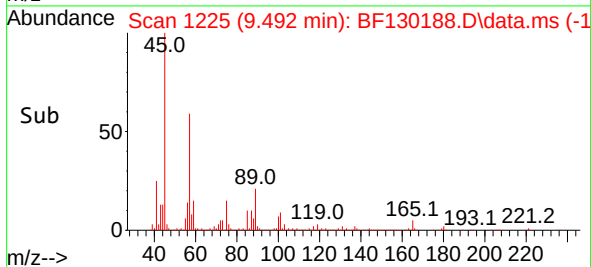
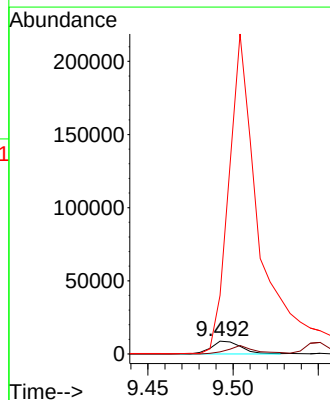
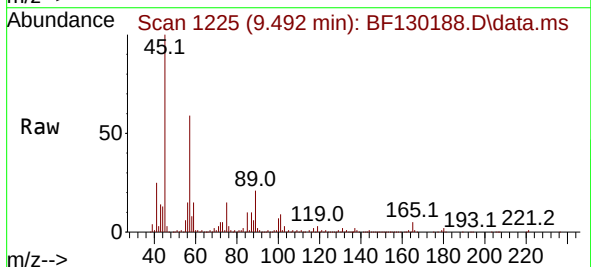
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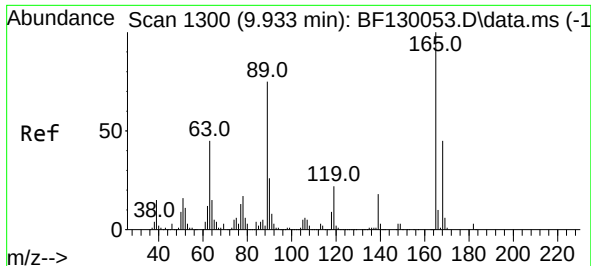
Tgt Ion:172 Resp: 952256
Ion Ratio Lower Upper
172 100
171 34.6 28.4 42.6
170 23.4 19.1 28.7



#51
2,6-Dinitrotoluene
Concen: 3.633 ng
RT: 9.492 min Scan# 1225
Delta R.T. -0.035 min
Lab File: BF130188.D
Acq: 08 Sep 2022 20:26

Tgt Ion:165 Resp: 10564
Ion Ratio Lower Upper
165 100
63 16.1 47.8 71.8#
89 460.1 47.2 70.8#





#57

2,4-Dinitrotoluene

Concen: 8.492 ng

RT: 9.728 min Scan# 1

Delta R.T. -0.194 min

Lab File: BF130188.D

Acq: 08 Sep 2022 20:26

Instrument :

BNA_F

ClientSampleId :

FL-E

Tgt Ion:165 Resp: 28434

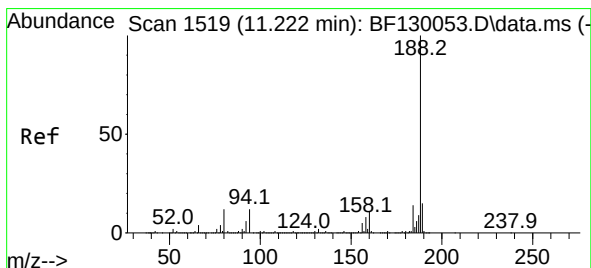
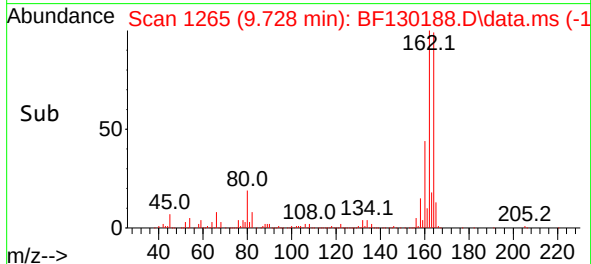
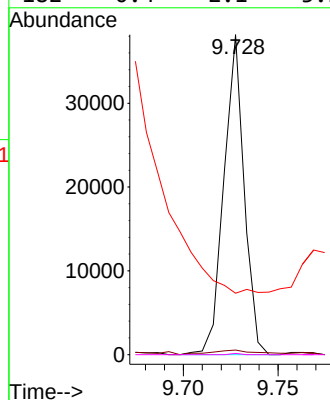
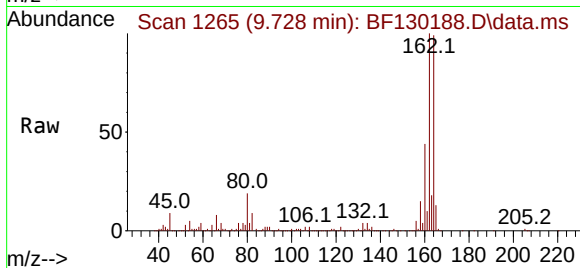
Ion Ratio Lower Upper

165 100

63 1.5 48.4 72.6#

89 19.2 62.3 93.5#

182 0.4 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.204 min Scan# 1516

Delta R.T. -0.006 min

Lab File: BF130188.D

Acq: 08 Sep 2022 20:26

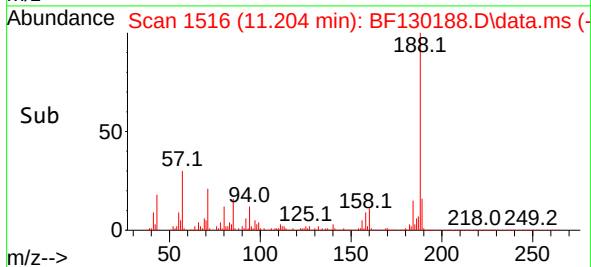
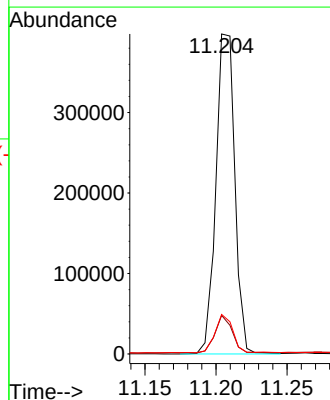
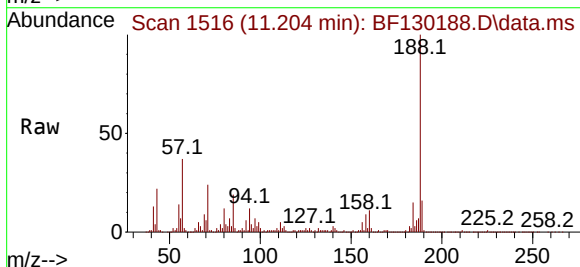
Tgt Ion:188 Resp: 368974

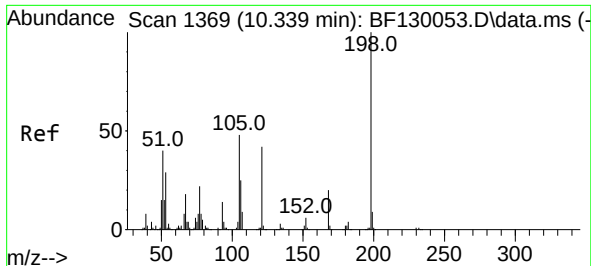
Ion Ratio Lower Upper

188 100

94 12.1 7.4 11.2#

80 12.3 7.9 11.9#





#65

4,6-Dinitro-2-methylphenol

Concen: 6.329 ng

RT: 10.510 min Scan# 11

Delta R.T. 0.182 min

Lab File: BF130188.D

Acq: 08 Sep 2022 20:26

Instrument :

BNA_F

ClientSampleId :

FL-E

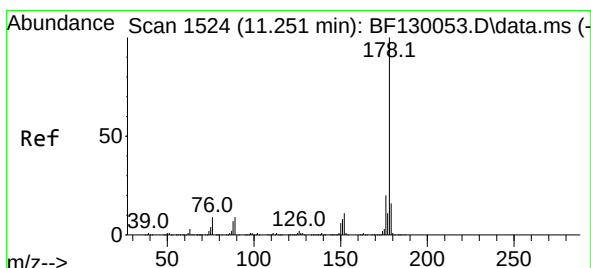
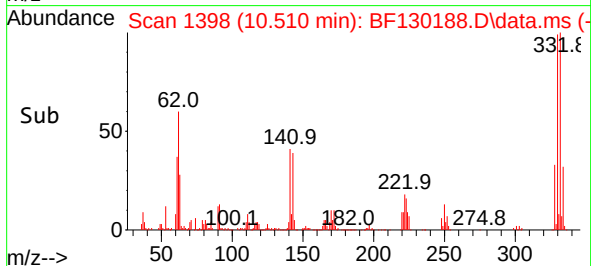
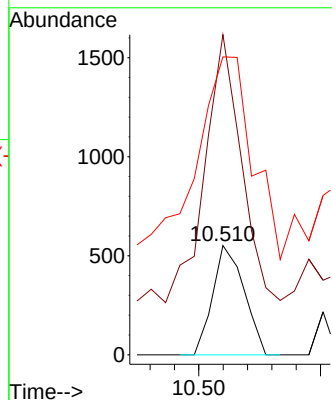
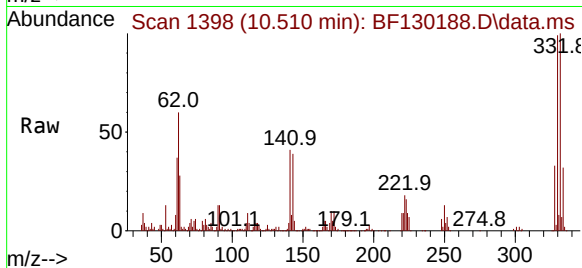
Tgt Ion:198 Resp: 494

Ion Ratio Lower Upper

198 100

51 293.3 29.4 69.4#

105 273.0 29.2 69.2#



#71

Phenanthrene

Concen: 2.596 ng

RT: 11.227 min Scan# 1520

Delta R.T. -0.012 min

Lab File: BF130188.D

Acq: 08 Sep 2022 20:26

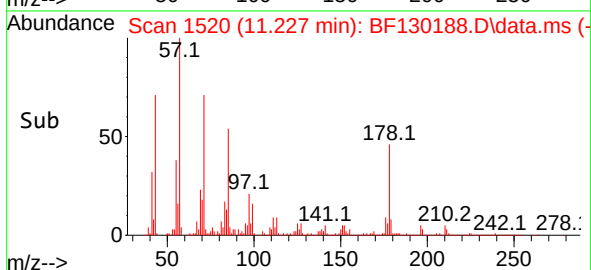
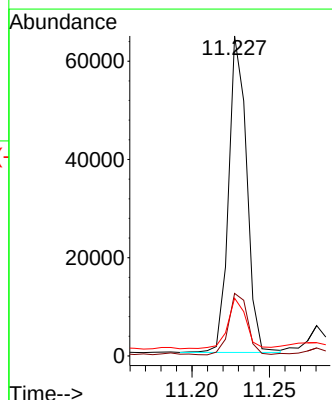
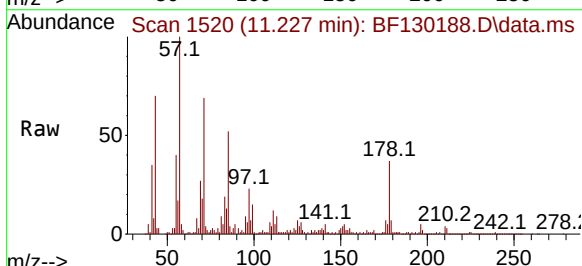
Tgt Ion:178 Resp: 51951

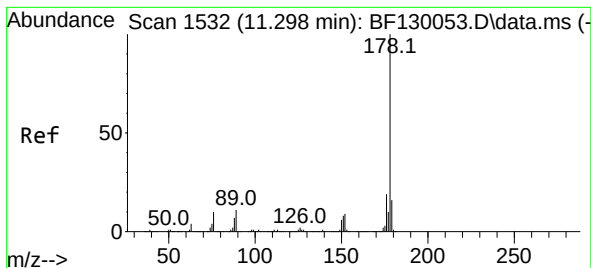
Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

179 18.1 12.5 18.7





#72

Anthracene

Concen: 2.641 ng

RT: 11.227 min Scan# 11

Delta R.T. -0.059 min

Lab File: BF130188.D

Acq: 08 Sep 2022 20:26

Instrument :

BNA_F

ClientSampleId :

FL-E

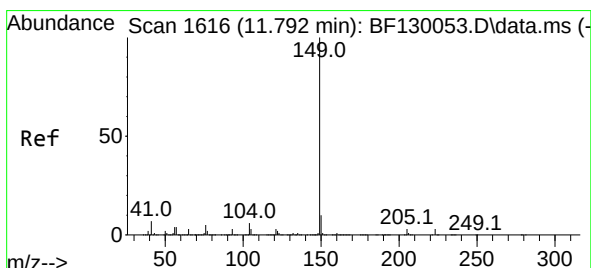
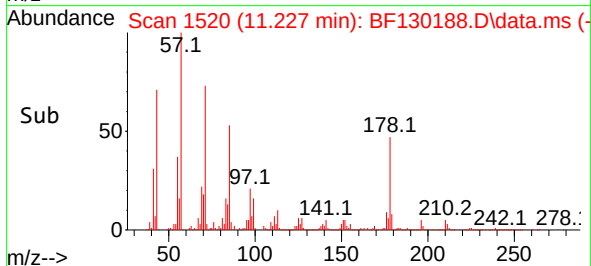
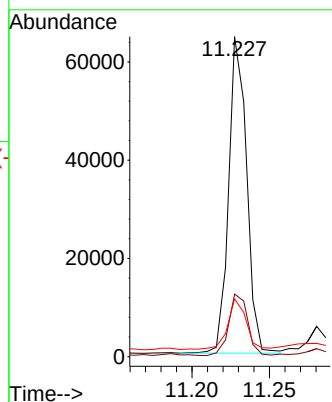
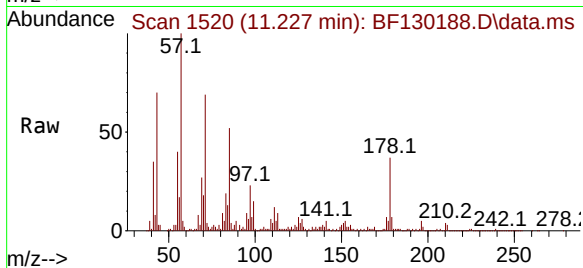
Tgt Ion:178 Resp: 51951

Ion Ratio Lower Upper

178 100

176 19.6 15.1 22.7

179 18.1 12.6 18.8



#74

Di-n-butylphthalate

Concen: 2.600 ng

RT: 11.780 min Scan# 1614

Delta R.T. -0.000 min

Lab File: BF130188.D

Acq: 08 Sep 2022 20:26

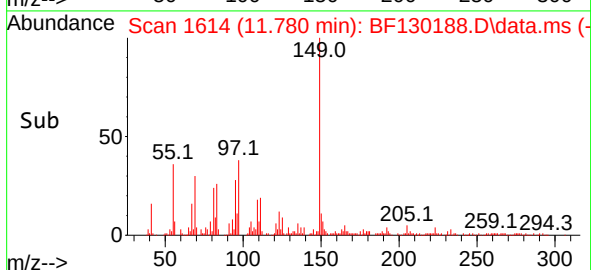
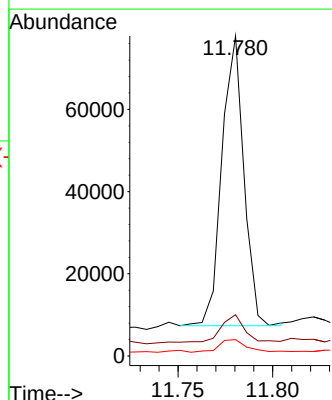
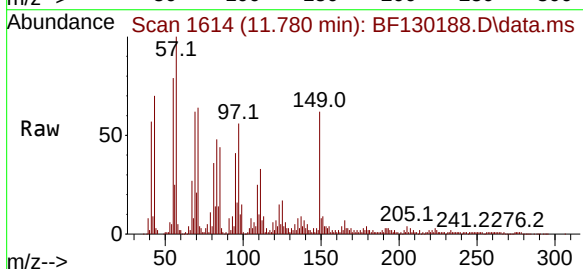
Tgt Ion:149 Resp: 56880

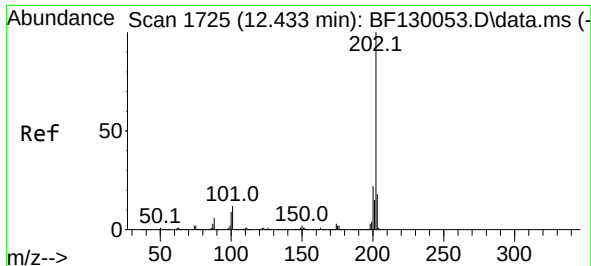
Ion Ratio Lower Upper

149 100

150 12.9 7.8 11.6#

104 5.1 4.2 6.4

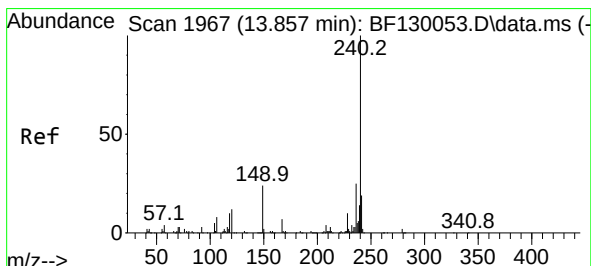
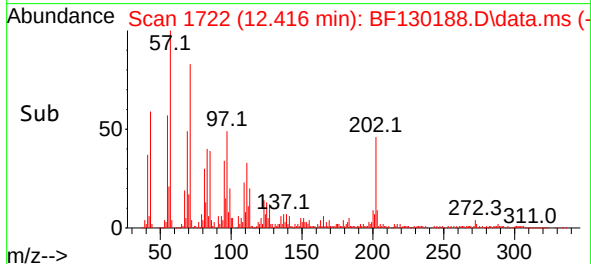
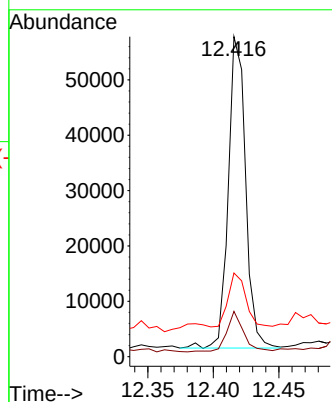
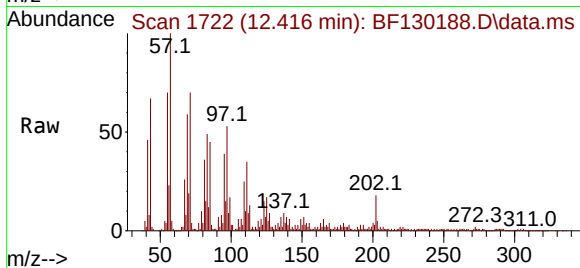




#75
Fluoranthene
Concen: 2.604 ng
RT: 12.416 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BF130188.D
Acq: 08 Sep 2022 20:26

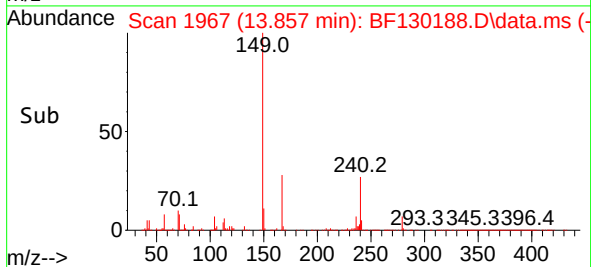
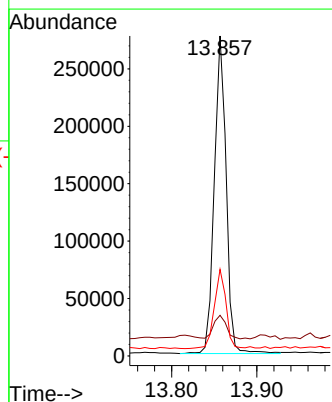
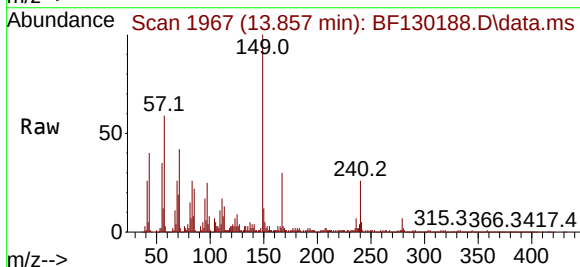
Instrument :
BNA_F
ClientSampleId :
FL-E

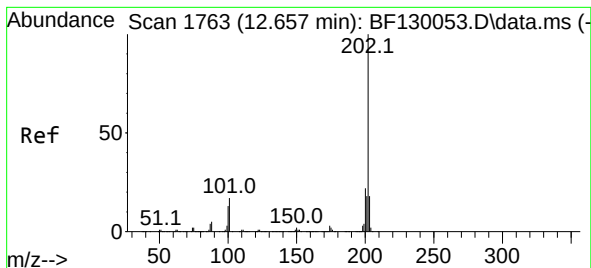
Tgt Ion:202 Resp: 51661
Ion Ratio Lower Upper
202 100
101 14.2 0.0 30.7
203 26.1 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.857 min Scan# 1967
Delta R.T. 0.012 min
Lab File: BF130188.D
Acq: 08 Sep 2022 20:26

Tgt Ion:240 Resp: 267561
Ion Ratio Lower Upper
240 100
120 12.7 9.2 13.8
236 27.0 20.7 31.1





#78

Pyrene

Concen: 2.316 ng

RT: 12.645 min Scan# 1761

Delta R.T. -0.006 min

Lab File: BF130188.D

Acq: 08 Sep 2022 20:26

Instrument :

BNA_F

ClientSampleId :

FL-E

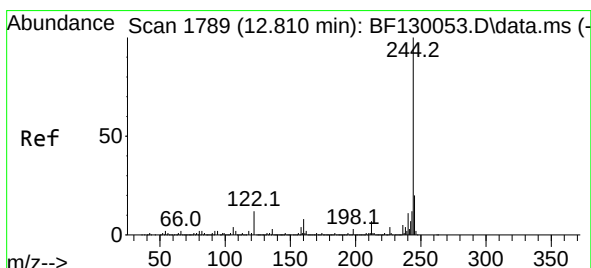
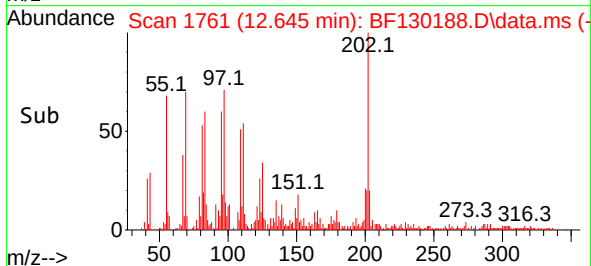
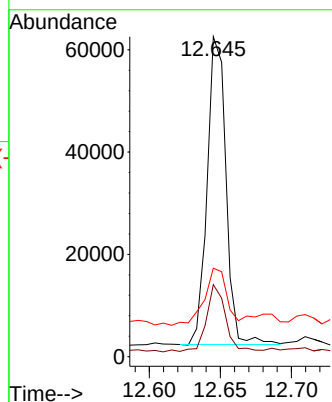
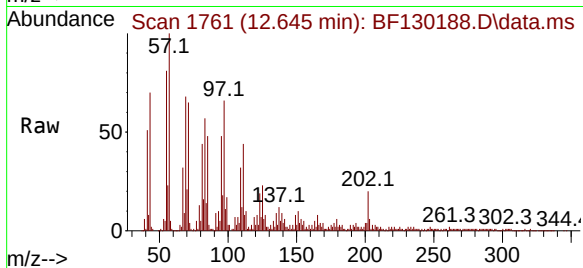
Tgt Ion:202 Resp: 55570

Ion Ratio Lower Upper

202 100

200 22.5 17.0 25.6

203 27.6 14.1 21.1#



#79

Terphenyl-d14

Concen: 65.832 ng

RT: 12.804 min Scan# 1788

Delta R.T. 0.006 min

Lab File: BF130188.D

Acq: 08 Sep 2022 20:26

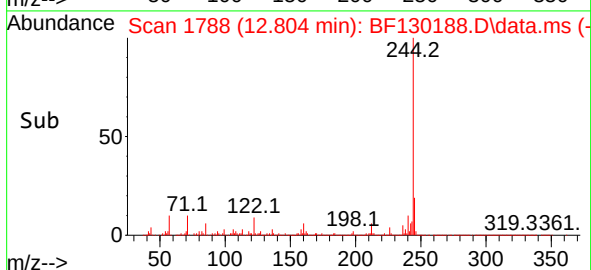
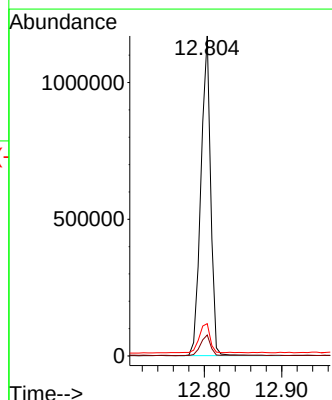
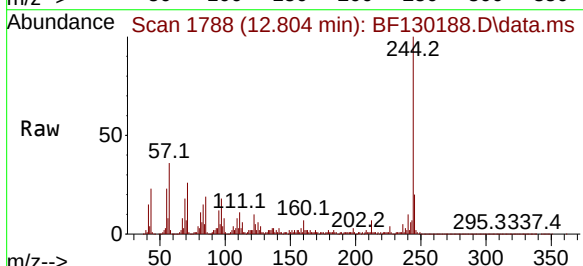
Tgt Ion:244 Resp: 1015737

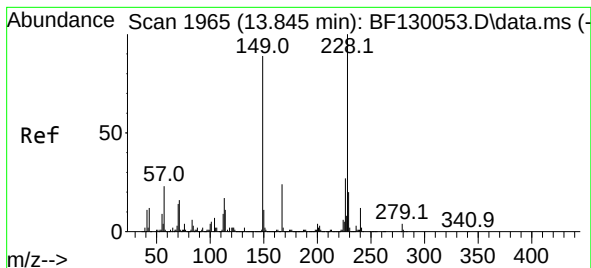
Ion Ratio Lower Upper

244 100

212 6.5 5.9 8.9

122 10.1 9.9 14.9

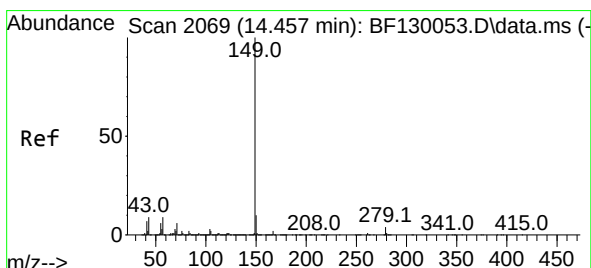
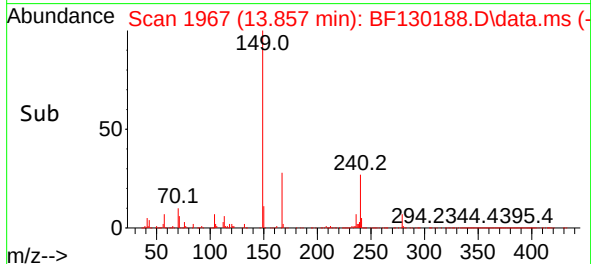
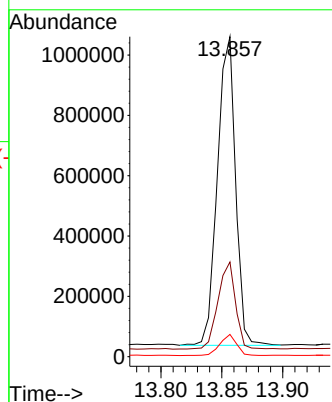
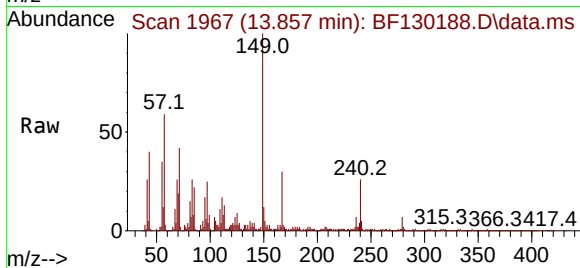




#84
Bis(2-ethylhexyl)phthalate
Concen: 89.577 ng
RT: 13.857 min Scan# 1967
Delta R.T. 0.023 min
Lab File: BF130188.D
Acq: 08 Sep 2022 20:26

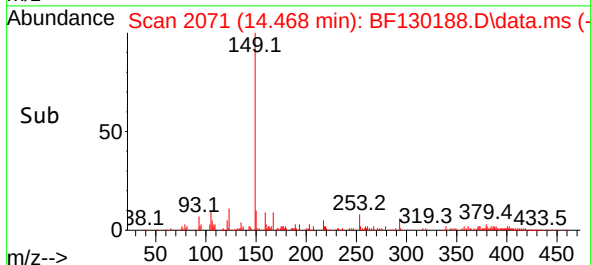
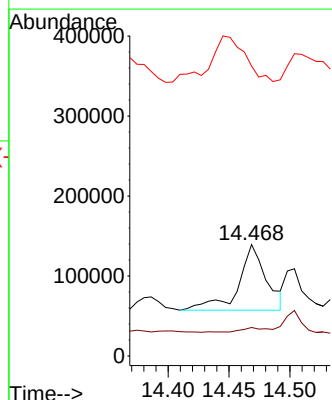
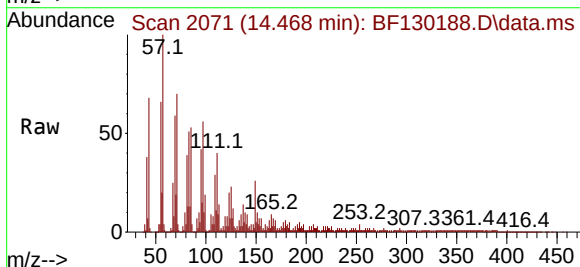
Instrument :
BNA_F
ClientSampleId :
FL-E

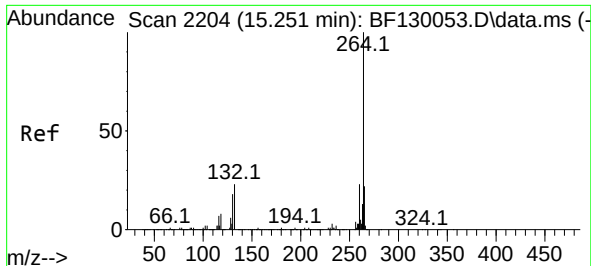
Tgt Ion:149 Resp: 1062843
Ion Ratio Lower Upper
149 100
167 29.6 22.0 33.0
279 7.0 3.6 5.4#



#85
Di-n-octyl phthalate
Concen: 6.945 ng
RT: 14.468 min Scan# 2071
Delta R.T. 0.024 min
Lab File: BF130188.D
Acq: 08 Sep 2022 20:26

Tgt Ion:149 Resp: 130162
Ion Ratio Lower Upper
149 100
167 6.3 1.3 1.9#
43 0.0 7.8 11.6#

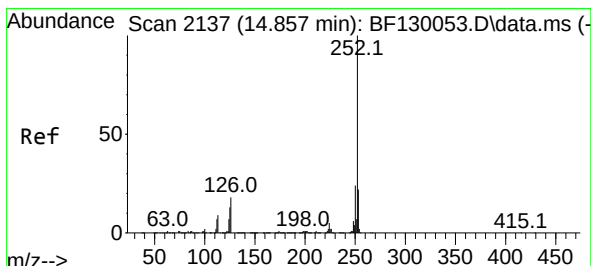
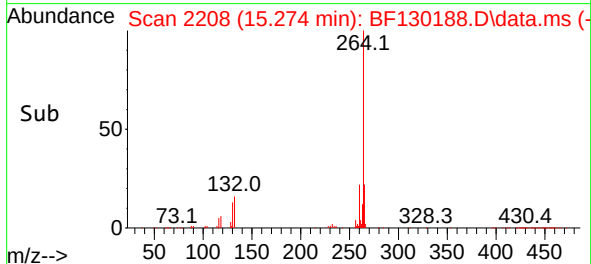
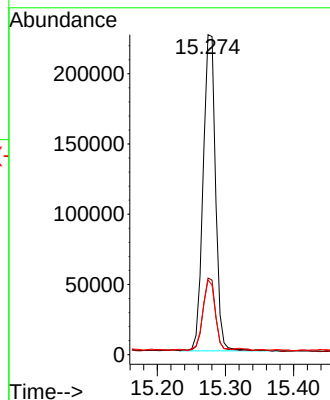
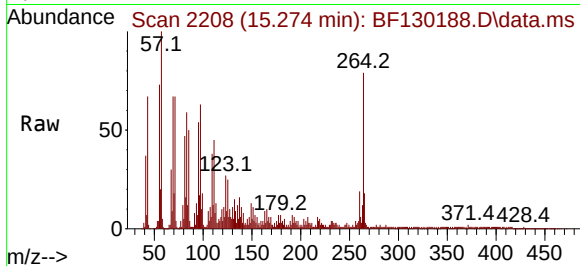




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.274 min Scan# 2140
Delta R.T. 0.035 min
Lab File: BF130188.D
Acq: 08 Sep 2022 20:26

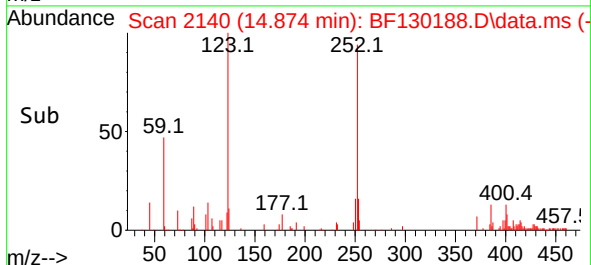
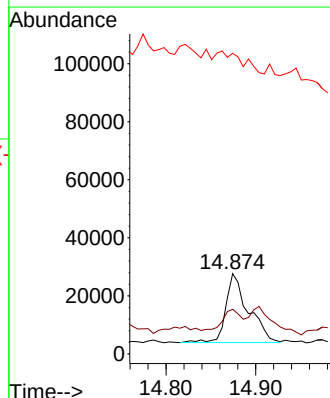
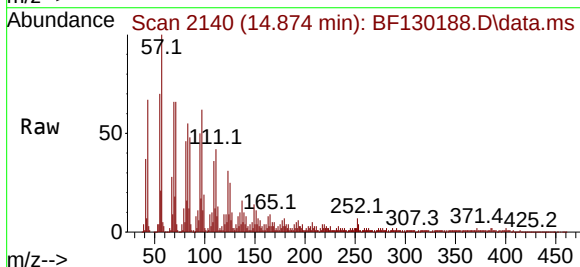
Instrument :
BNA_F
ClientSampleId :
FL-E

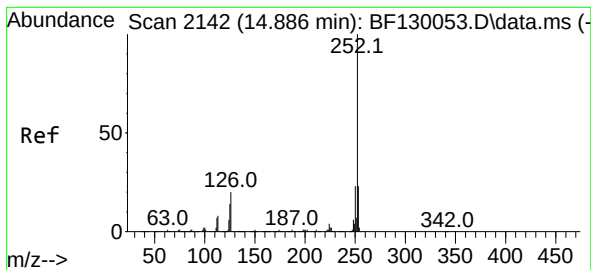
Tgt Ion:264 Resp: 284904
Ion Ratio Lower Upper
264 100
260 24.0 19.1 28.7
265 23.4 16.7 25.1



#88
Benzo(b)fluoranthene
Concen: 2.184 ng
RT: 14.874 min Scan# 2140
Delta R.T. 0.029 min
Lab File: BF130188.D
Acq: 08 Sep 2022 20:26

Tgt Ion:252 Resp: 41492
Ion Ratio Lower Upper
252 100
253 55.5 17.5 26.3#
125 374.2 8.3 12.5#





#89

Benzo(k)fluoranthene

Concen: 2.258 ng

RT: 14.874 min Scan# 2140

Delta R.T. -0.000 min

Lab File: BF130188.D

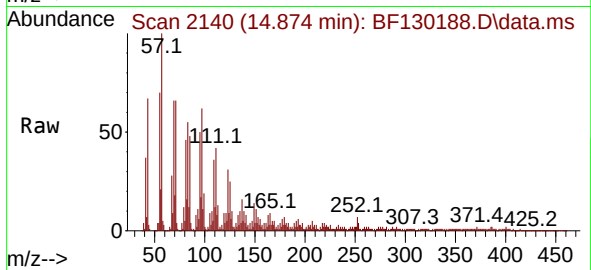
Acq: 08 Sep 2022 20:26

Instrument :

BNA_F

ClientSampleId :

FL-E



Tgt Ion:252 Resp: 41492

Ion Ratio Lower Upper

252 100

253 55.5 17.1 25.7#

125 374.2 8.3 12.5#

