

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051722\
 Data File : BF128305.D
 Acq On : 17 May 2022 22:07
 Operator : CG\JU
 Sample : N2856-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-02-051322

Quant Time: May 18 01:35:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 18 01:31:11 2022
 Response via : Initial Calibration

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

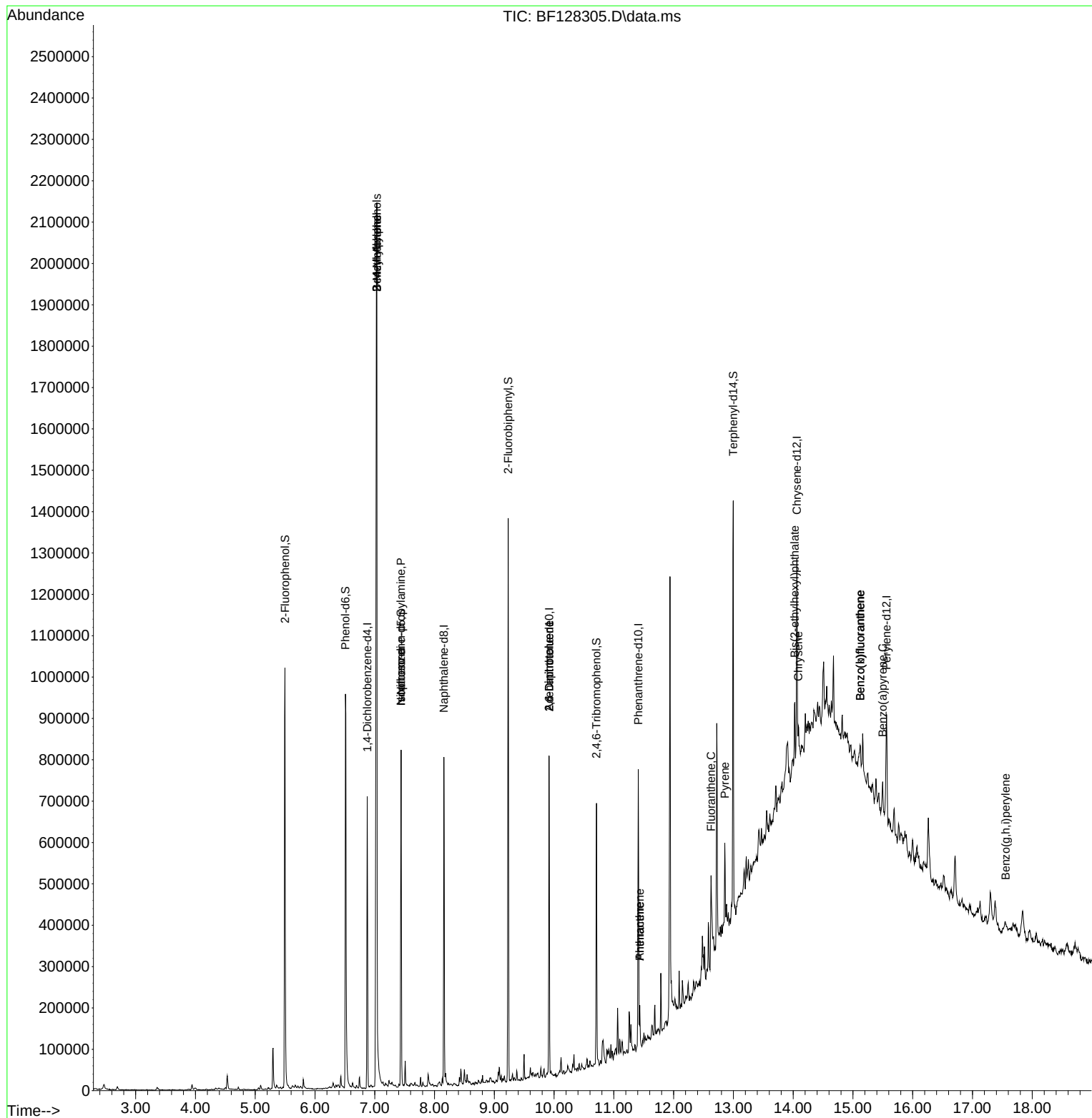
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	84249	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	299583	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	139900	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	226260	20.000	ng	0.00
76) Chrysene-d12	14.063	240	154449	20.000	ng	0.00
86) Perylene-d12	15.563	264	104155	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	260971	49.380	ng	0.00
7) Phenol-d6	6.510	99	337373	48.264	ng	0.00
23) Nitrobenzene-d5	7.439	82	225015	33.797	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	65769	40.991	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	346939	38.803	ng	0.00
79) Terphenyl-d14	12.998	244	336786	40.916	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	7.034	79	578018	104.638	ng	96
17) 2-Methylphenol	7.034	107	263955	57.799	ng	# 1
19) n-Nitroso-di-n-propyla...	7.439	70	29913	6.949	ng	# 83
20) 3+4-Methylphenols	7.034	107	263952	46.681	ng	# 8
25) Isophorone	7.439	82	224887	21.545	ng	# 68
51) 2,6-Dinitrotoluene	9.916	165	18945	9.566	ng	# 23
57) 2,4-Dinitrotoluene	9.916	165	18945	7.154	ng	# 27
71) Phenanthrene	11.433	178	30053	2.668	ng	96
72) Anthracene	11.433	178	30053	2.672	ng	95
75) Fluoranthene	12.627	202	66984	5.484	ng	99
78) Pyrene	12.857	202	64951	5.800	ng	98
83) Chrysene	14.086	228	34319	3.646	ng	# 92
84) Bis(2-ethylhexyl)phtha...	14.027	149	42549	6.764	ng	# 97
88) Benzo(b)fluoranthene	15.121	252	35039	5.427	ng	# 57
89) Benzo(k)fluoranthene	15.121	252	35039	5.498	ng	# 56
90) Benzo(a)pyrene	15.498	252	13796	2.647	ng	# 44
92) Benzo(g,h,i)perylene	17.557	276	17582	3.404	ng	# 83

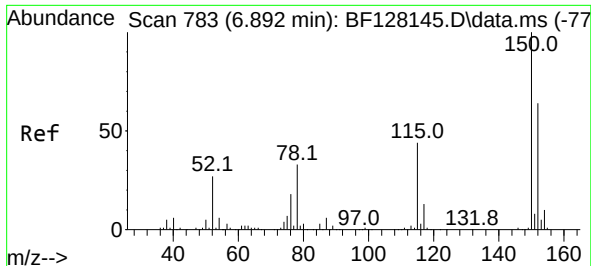
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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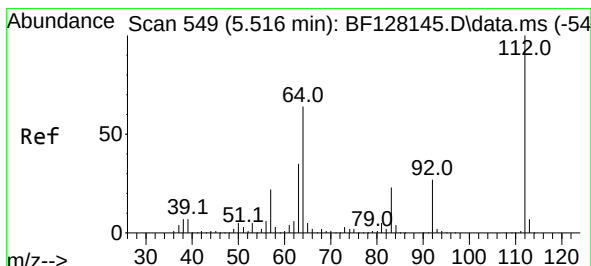
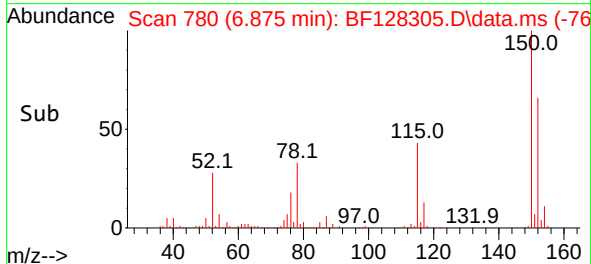
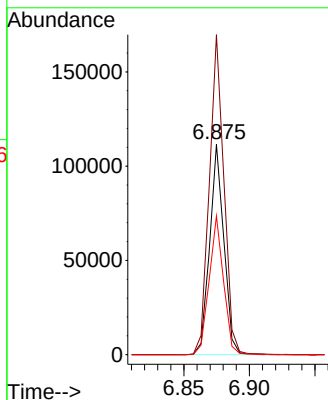
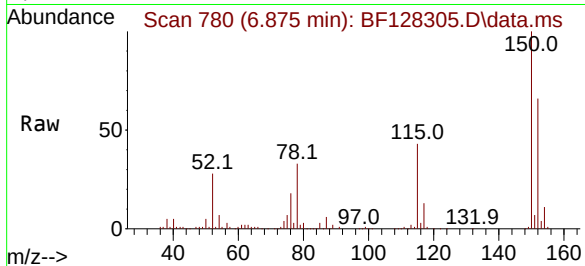




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128305.D
Acq: 17 May 2022 22:07

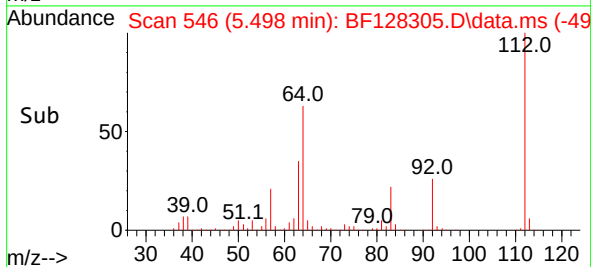
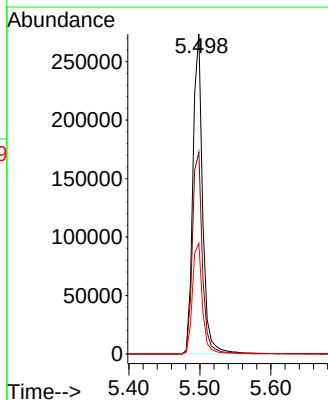
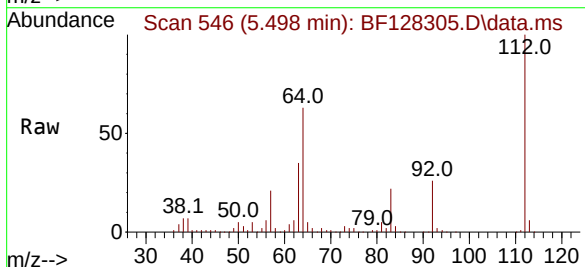
Instrument :
BNA_F
ClientSampleId :
HR-02-051322

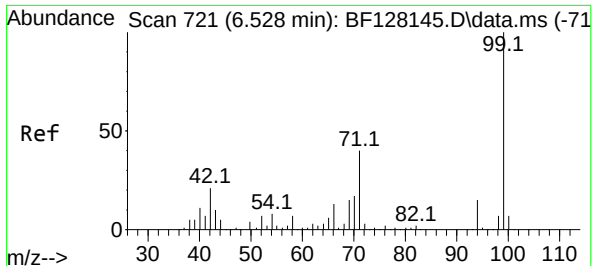
Tgt Ion:152 Resp: 84249
Ion Ratio Lower Upper
152 100
150 152.1 125.3 187.9
115 65.9 48.8 73.2



#5
2-Fluorophenol
Concen: 49.380 ng
RT: 5.498 min Scan# 546
Delta R.T. 0.000 min
Lab File: BF128305.D
Acq: 17 May 2022 22:07

Tgt Ion:112 Resp: 260971
Ion Ratio Lower Upper
112 100
64 63.0 49.5 74.3
63 34.6 26.3 39.5

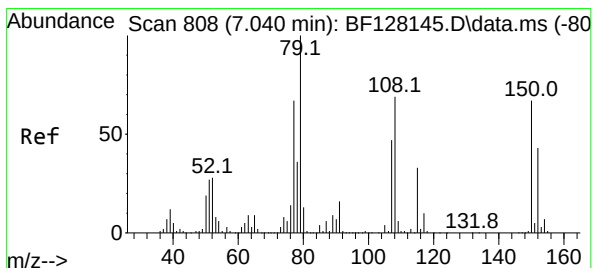
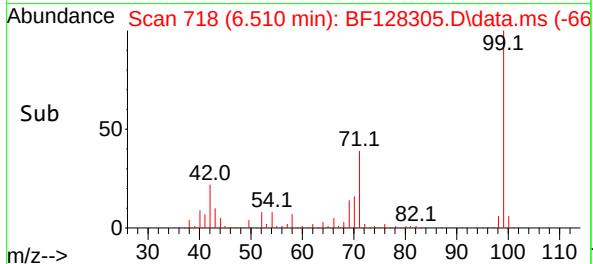
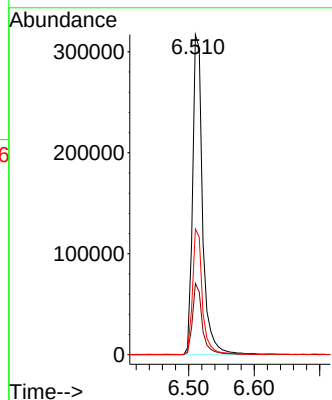
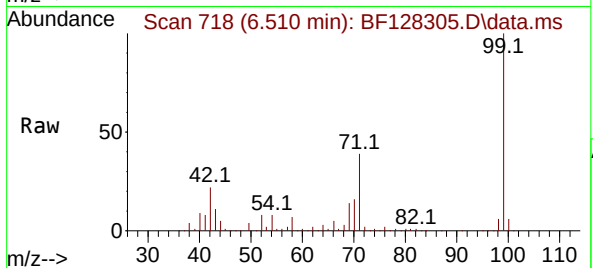




#7
Phenol-d6
Concen: 48.264 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128305.D
Acq: 17 May 2022 22:07

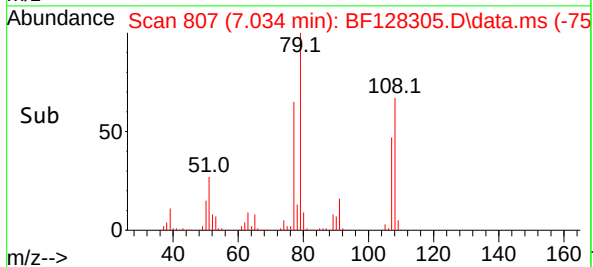
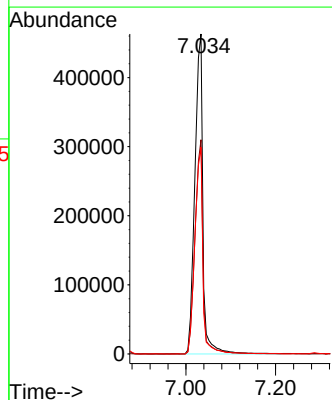
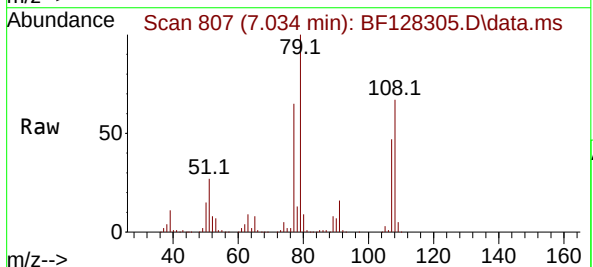
Instrument :
BNA_F
ClientSampleId :
HR-02-051322

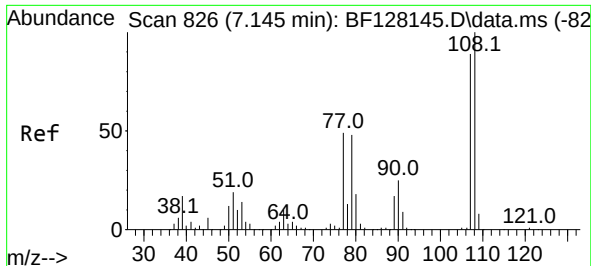
Tgt Ion: 99 Resp: 337373
Ion Ratio Lower Upper
99 100
42 22.3 16.6 24.8
71 39.3 30.0 45.0



#15
Benzyl Alcohol
Concen: 104.638 ng
RT: 7.034 min Scan# 807
Delta R.T. 0.012 min
Lab File: BF128305.D
Acq: 17 May 2022 22:07

Tgt Ion: 79 Resp: 578018
Ion Ratio Lower Upper
79 100
108 67.0 57.0 85.6
77 64.6 50.2 75.4

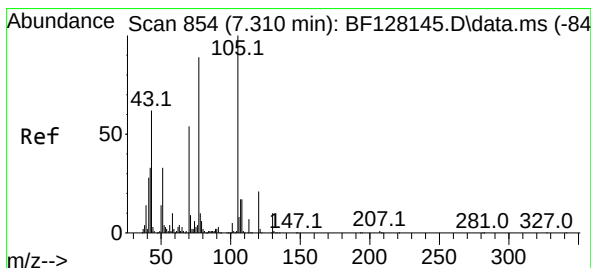
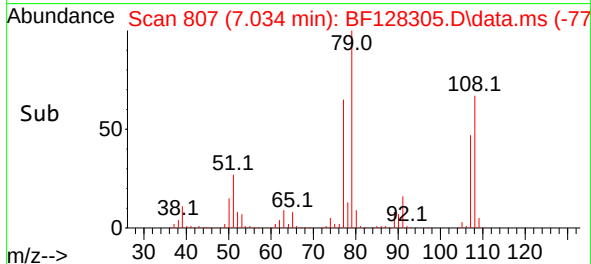
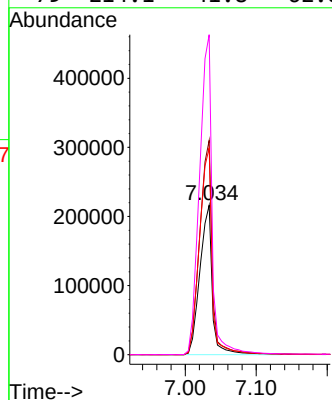
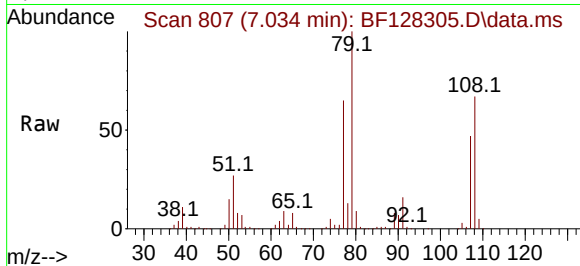




#17
2-Methylphenol
Concen: 57.799 ng
RT: 7.034 min Scan# 80
Delta R.T. -0.100 min
Lab File: BF128305.D
Acq: 17 May 2022 22:07

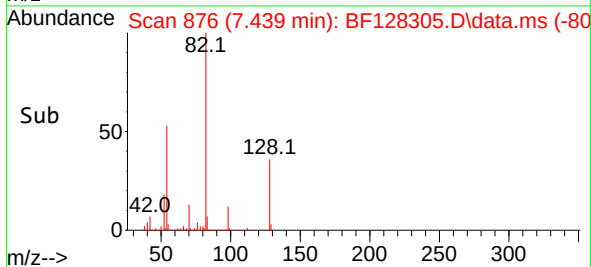
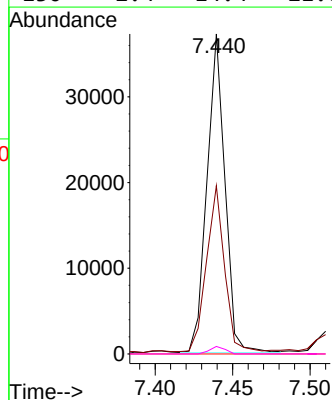
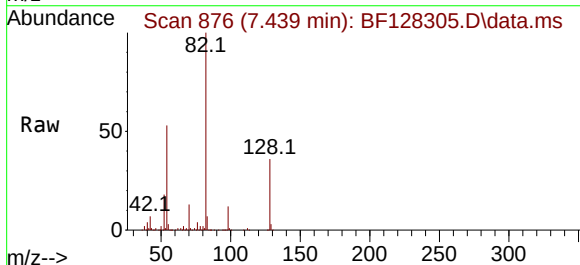
Instrument :
BNA_F
ClientSampleId :
HR-02-051322

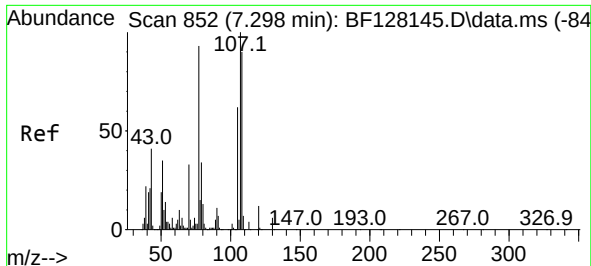
Tgt Ion:107 Resp: 263955
Ion Ratio Lower Upper
107 100
108 143.4 90.2 135.2#
77 138.3 41.9 62.9#
79 214.1 41.8 62.8#



#19
n-Nitroso-di-n-propylamine
Concen: 6.949 ng
RT: 7.439 min Scan# 876
Delta R.T. 0.141 min
Lab File: BF128305.D
Acq: 17 May 2022 22:07

Tgt Ion: 70 Resp: 29913
Ion Ratio Lower Upper
70 100
42 52.6 48.7 73.1
101 0.0 7.2 10.8#
130 2.4 14.4 21.6#





#20

3+4-Methylphenols

Concen: 46.681 ng

RT: 7.034 min Scan# 80

Delta R.T. -0.253 min

Lab File: BF128305.D

Acq: 17 May 2022 22:07

Instrument :

BNA_F

ClientSampleId :

HR-02-051322

Tgt Ion:107 Resp: 263952

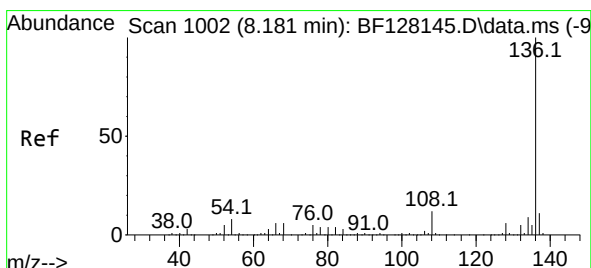
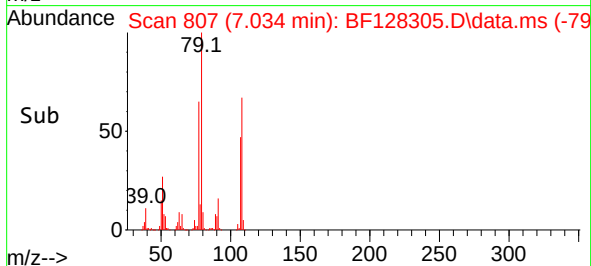
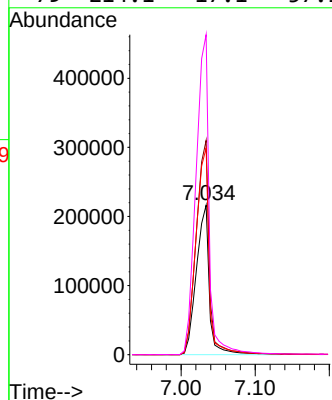
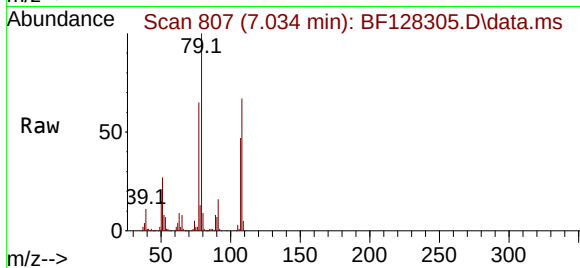
Ion Ratio Lower Upper

107 100

108 143.4 73.4 113.4#

77 138.3 71.1 111.1#

79 214.1 17.1 57.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 998

Delta R.T. -0.006 min

Lab File: BF128305.D

Acq: 17 May 2022 22:07

Tgt Ion:136 Resp: 299583

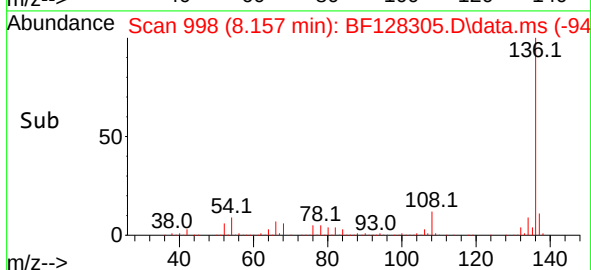
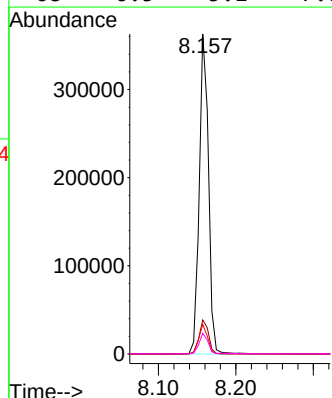
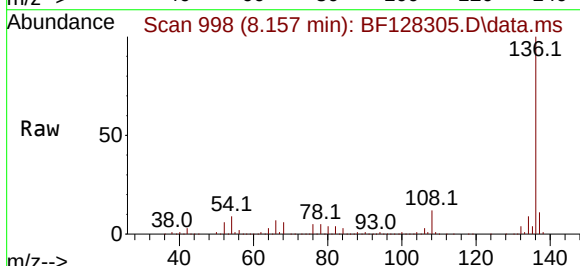
Ion Ratio Lower Upper

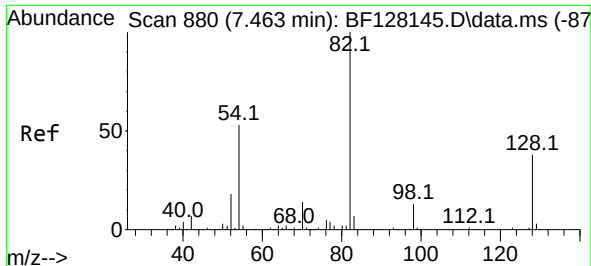
136 100

137 10.6 8.6 13.0

54 9.2 6.8 10.2

68 6.5 5.1 7.7

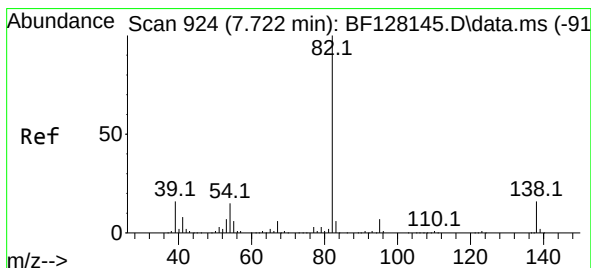
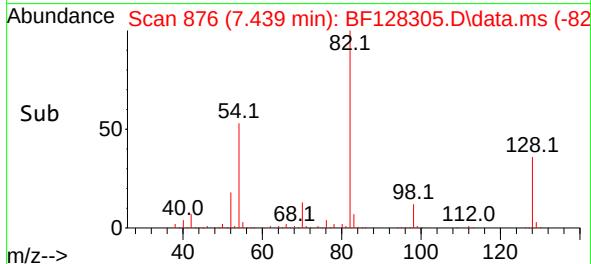
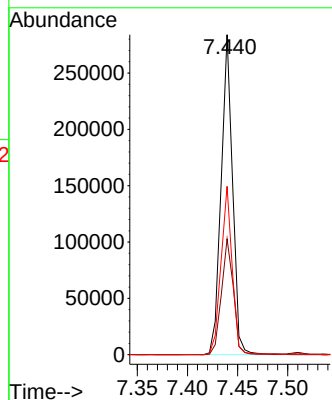
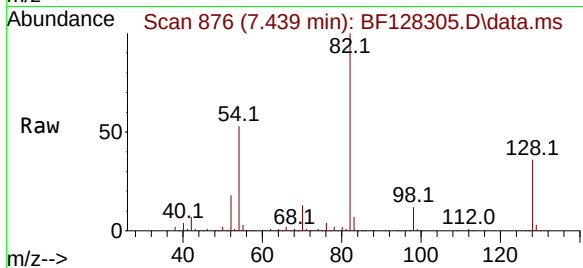




#23
Nitrobenzene-d5
Concen: 33.797 ng
RT: 7.439 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF128305.D
Acq: 17 May 2022 22:07

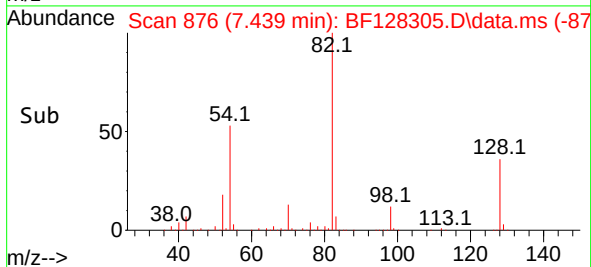
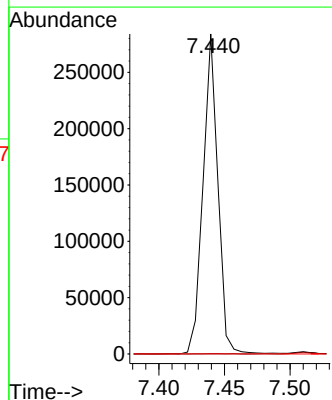
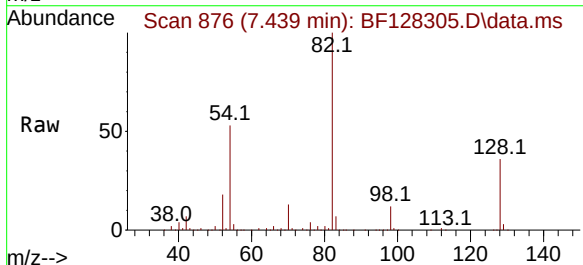
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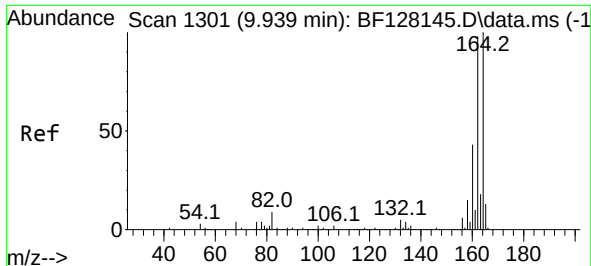
Tgt Ion: 82 Resp: 225015
Ion Ratio Lower Upper
82 100
128 36.2 30.0 45.0
54 52.6 41.3 61.9



#25
Isophorone
Concen: 21.545 ng
RT: 7.439 min Scan# 876
Delta R.T. -0.265 min
Lab File: BF128305.D
Acq: 17 May 2022 22:07

Tgt Ion: 82 Resp: 224887
Ion Ratio Lower Upper
82 100
95 0.1 5.6 8.4#
138 0.0 12.5 18.7#

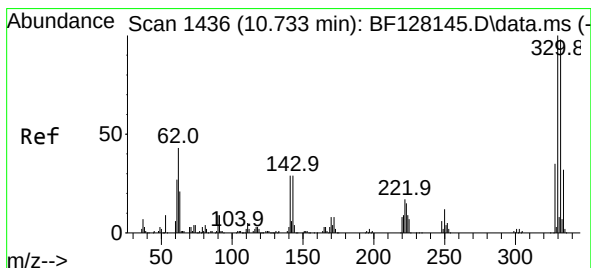
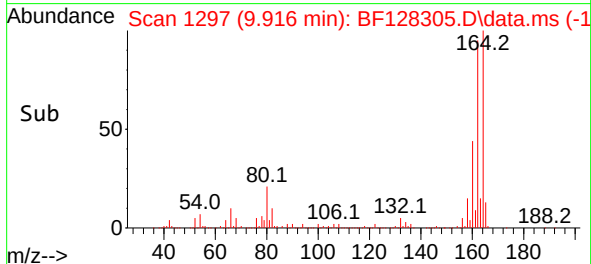
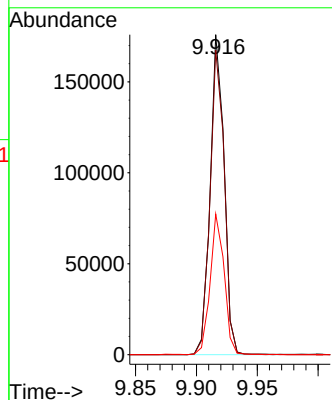
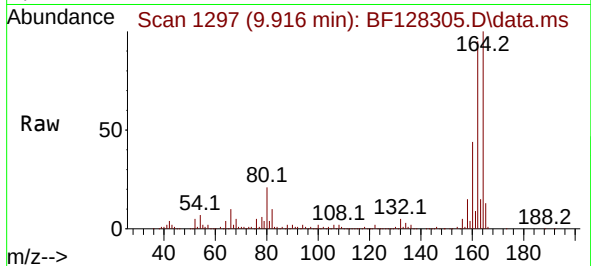




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128305.D
Acq: 17 May 2022 22:07

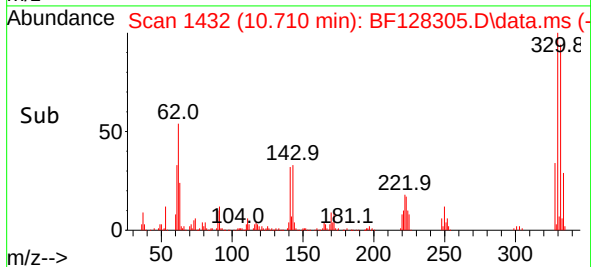
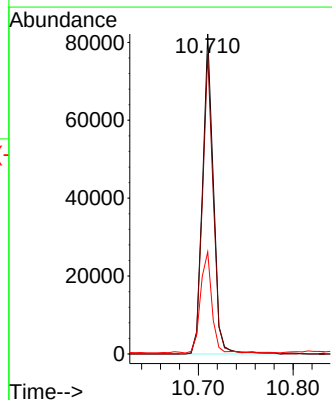
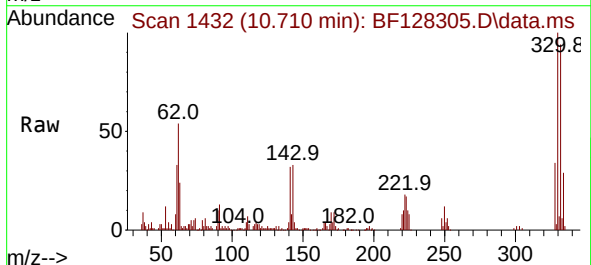
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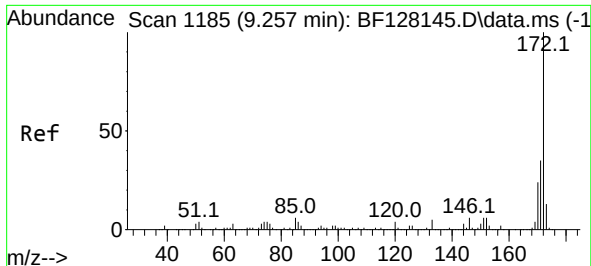
Tgt Ion:164 Resp: 139900
Ion Ratio Lower Upper
164 100
162 95.2 76.0 114.0
160 43.9 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 40.991 ng
RT: 10.710 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF128305.D
Acq: 17 May 2022 22:07

Tgt Ion:330 Resp: 65769
Ion Ratio Lower Upper
330 100
332 93.4 79.0 118.4
141 33.1 28.9 43.3





#45

2-Fluorobiphenyl

Concen: 38.803 ng

RT: 9.234 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF128305.D

Acq: 17 May 2022 22:07

Instrument :

BNA_F

ClientSampleId :

HR-02-051322

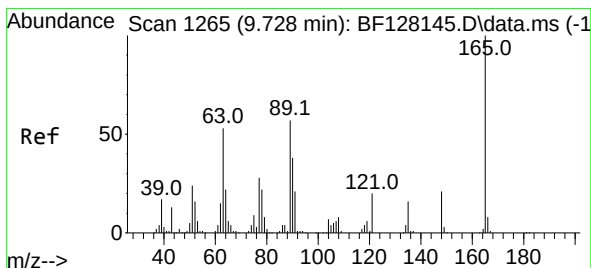
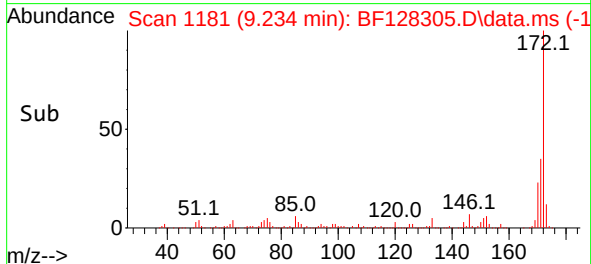
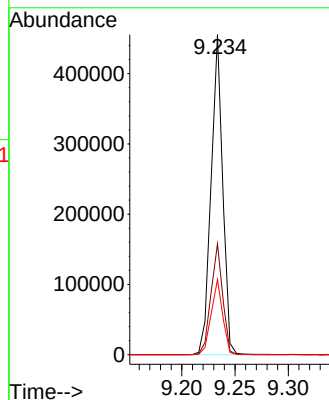
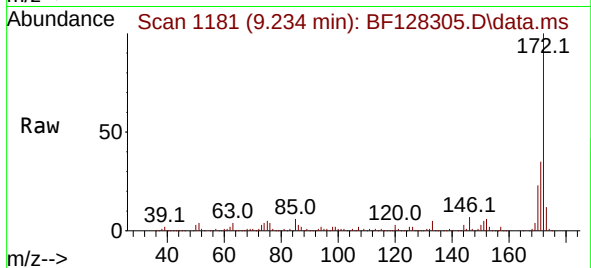
Tgt Ion:172 Resp: 346939

Ion Ratio Lower Upper

172 100

171 34.6 28.6 42.8

170 23.4 19.1 28.7



#51

2,6-Dinitrotoluene

Concen: 9.566 ng

RT: 9.916 min Scan# 1297

Delta R.T. 0.206 min

Lab File: BF128305.D

Acq: 17 May 2022 22:07

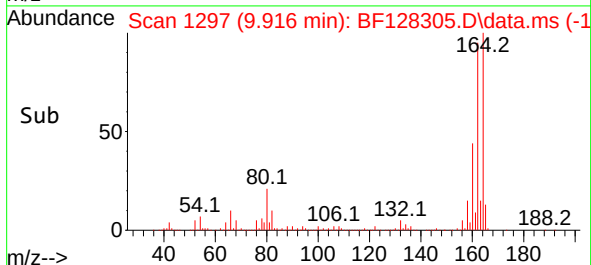
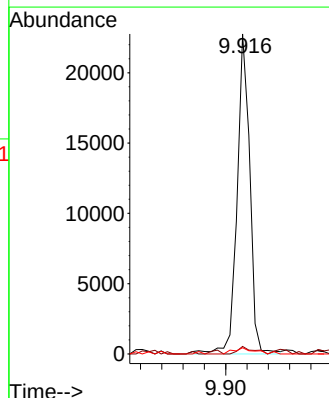
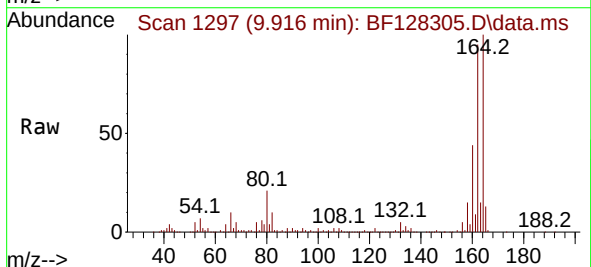
Tgt Ion:165 Resp: 18945

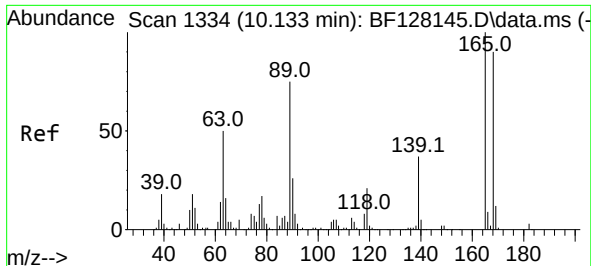
Ion Ratio Lower Upper

165 100

63 2.4 49.5 74.3#

89 2.0 49.0 73.4#

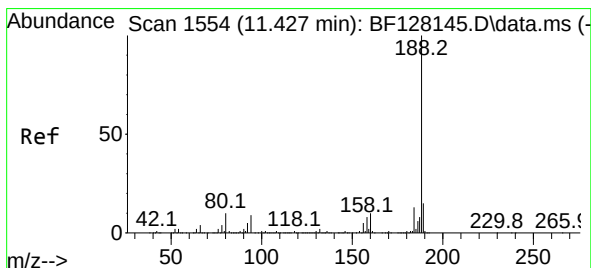
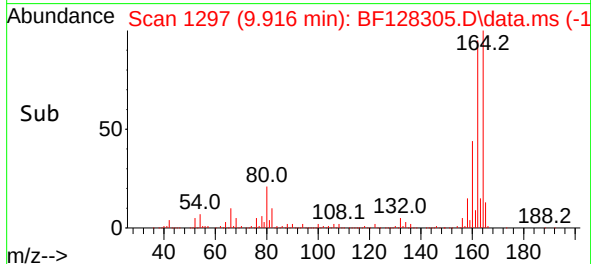
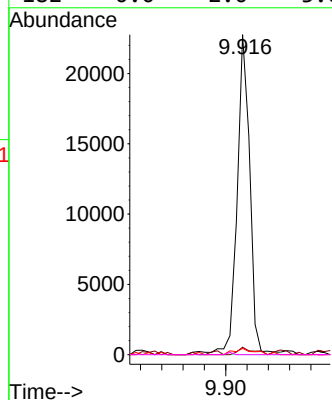
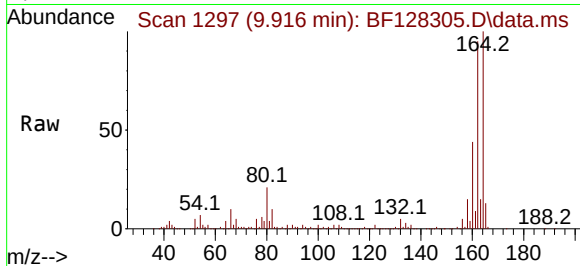




#57
2,4-Dinitrotoluene
Concen: 7.154 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF128305.D
Acq: 17 May 2022 22:07

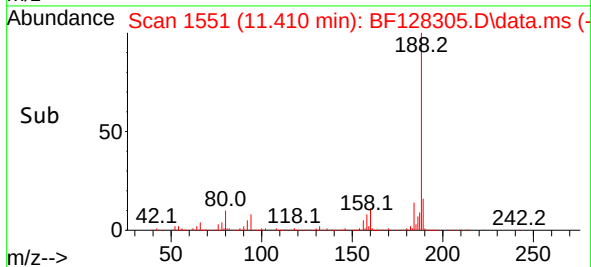
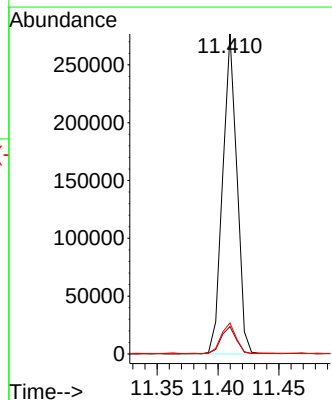
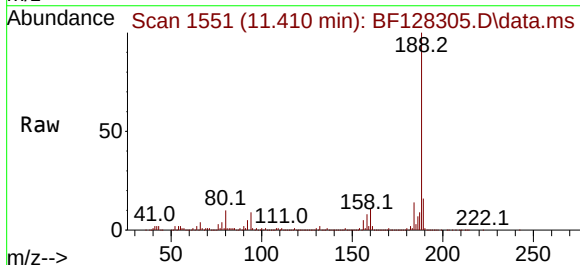
Instrument :
BNA_F
ClientSampleId :
HR-02-051322

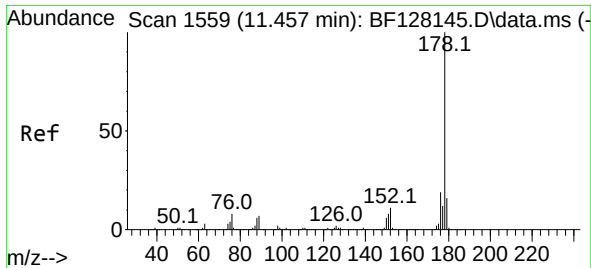
Tgt Ion:165 Resp: 18945
Ion Ratio Lower Upper
165 100
63 2.4 32.6 49.0#
89 2.0 55.2 82.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1551
Delta R.T. -0.006 min
Lab File: BF128305.D
Acq: 17 May 2022 22:07

Tgt Ion:188 Resp: 226260
Ion Ratio Lower Upper
188 100
94 8.6 8.0 12.0
80 9.7 8.9 13.3

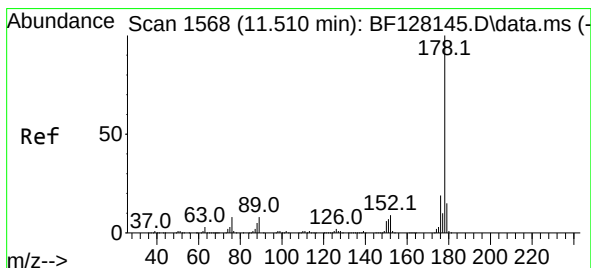
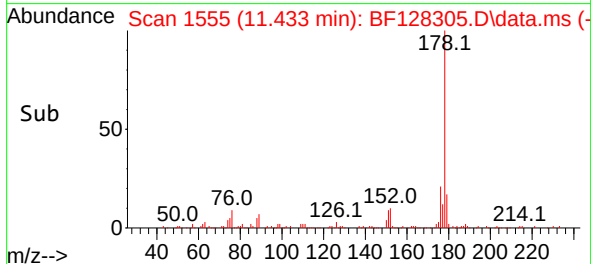
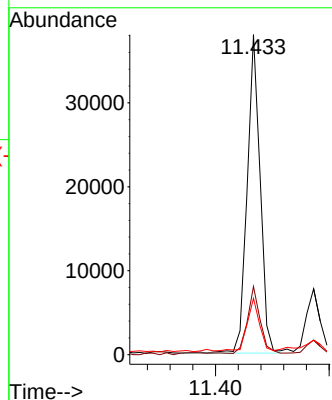
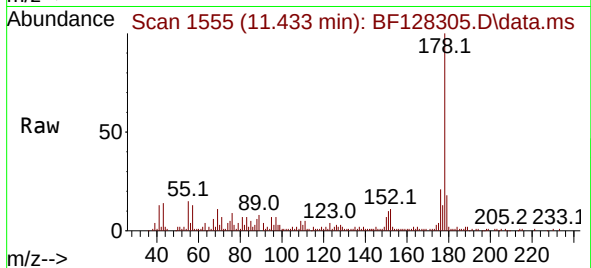




#71
Phenanthrene
Concen: 2.668 ng
RT: 11.433 min Scan# 1555
Delta R.T. -0.006 min
Lab File: BF128305.D
Acq: 17 May 2022 22:07

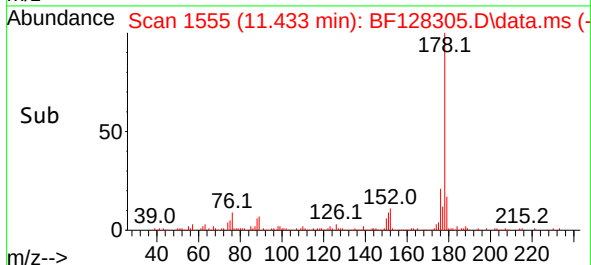
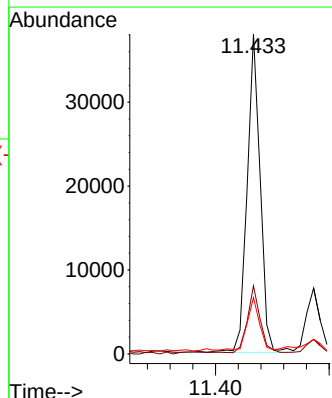
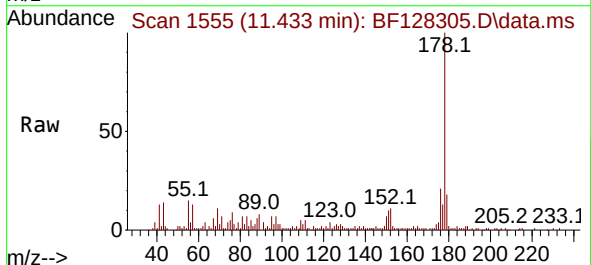
Instrument :
BNA_F
ClientSampleId :
HR-02-051322

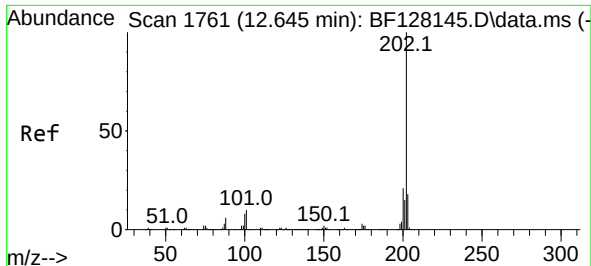
Tgt Ion:178 Resp: 30053
Ion Ratio Lower Upper
178 100
176 21.3 15.7 23.5
179 17.6 12.6 19.0



#72
Anthracene
Concen: 2.672 ng
RT: 11.433 min Scan# 1555
Delta R.T. -0.059 min
Lab File: BF128305.D
Acq: 17 May 2022 22:07

Tgt Ion:178 Resp: 30053
Ion Ratio Lower Upper
178 100
176 21.3 15.0 22.6
179 17.6 12.4 18.6

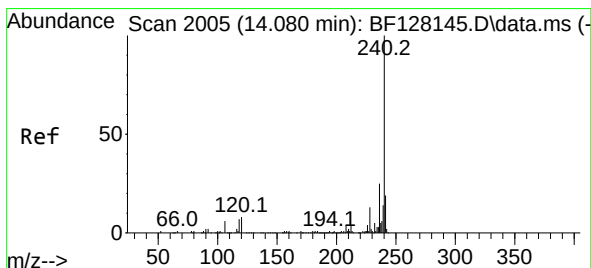
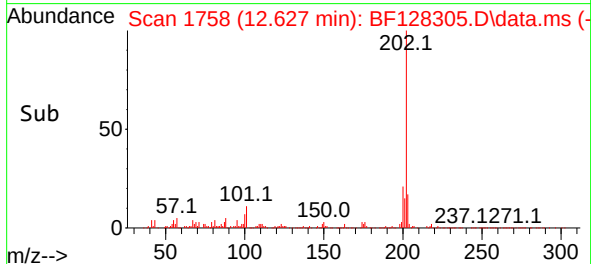
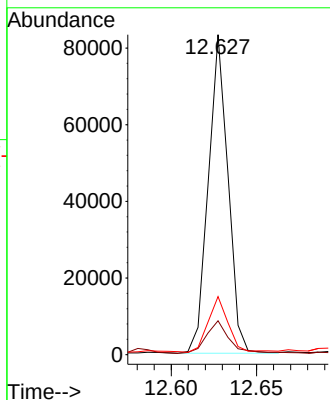
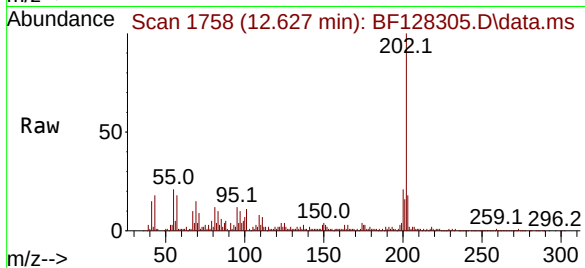




#75
Fluoranthene
Concen: 5.484 ng
RT: 12.627 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128305.D
Acq: 17 May 2022 22:07

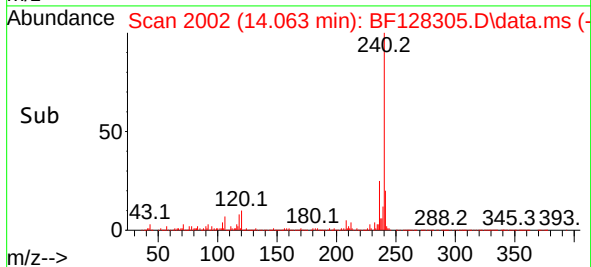
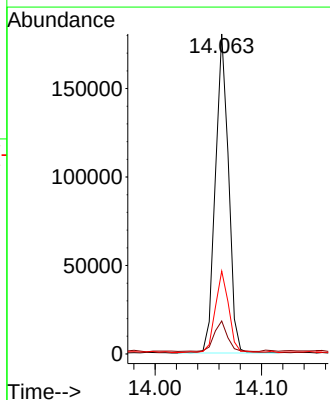
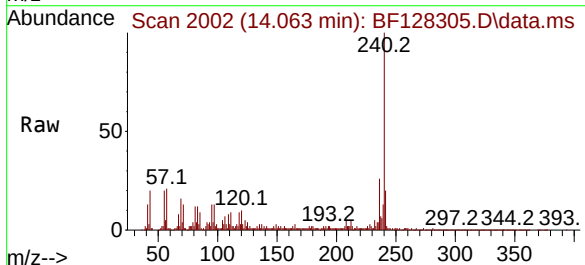
Instrument :
BNA_F
ClientSampleId :
HR-02-051322

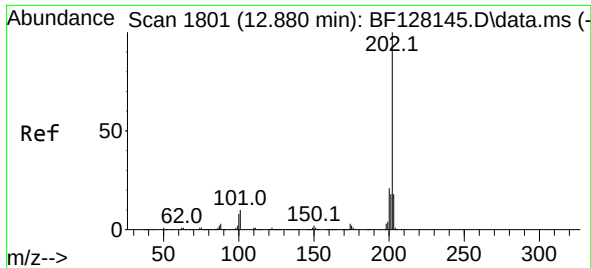
Tgt Ion:202 Resp: 66984
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.6
203 18.1 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BF128305.D
Acq: 17 May 2022 22:07

Tgt Ion:240 Resp: 154449
Ion Ratio Lower Upper
240 100
120 10.3 7.0 10.6
236 25.9 20.3 30.5

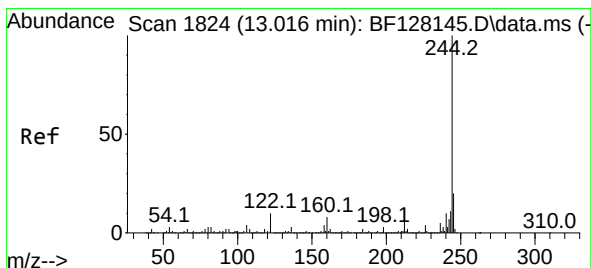
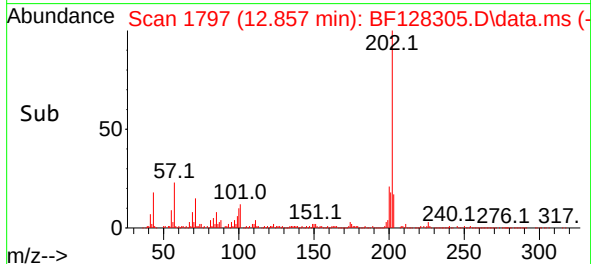
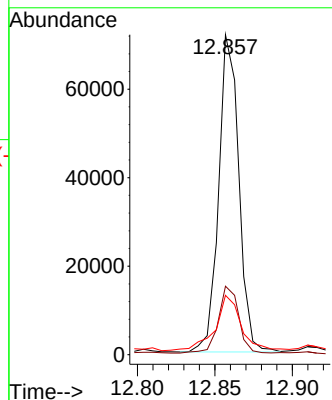
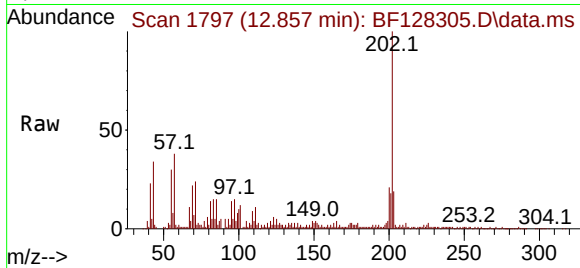




#78
Pyrene
Concen: 5.800 ng
RT: 12.857 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128305.D
Acq: 17 May 2022 22:07

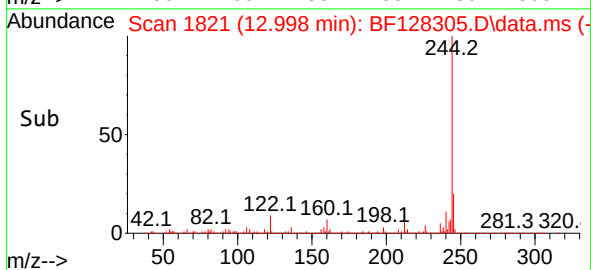
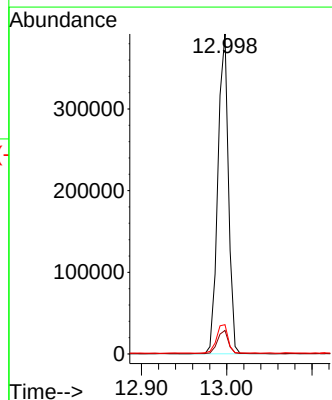
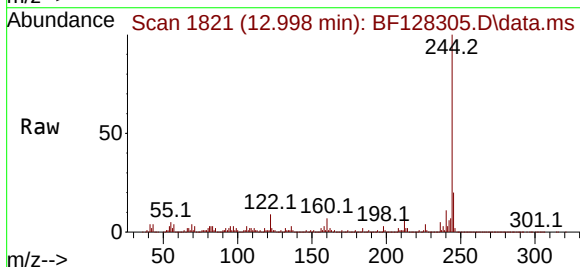
Instrument :
BNA_F
ClientSampleId :
HR-02-051322

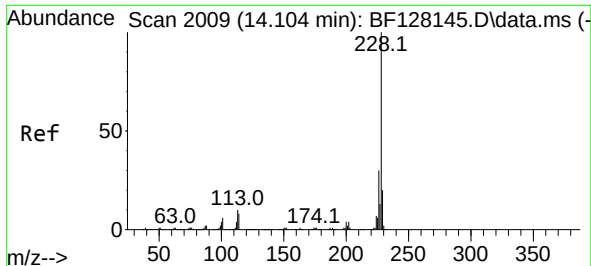
Tgt Ion:202 Resp: 64951
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.2
203 18.5 14.0 21.0



#79
Terphenyl-d14
Concen: 40.916 ng
RT: 12.998 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF128305.D
Acq: 17 May 2022 22:07

Tgt Ion:244 Resp: 336786
Ion Ratio Lower Upper
244 100
212 7.4 6.2 9.4
122 9.1 8.6 12.8





#83

Chrysene

Concen: 3.646 ng

RT: 14.086 min Scan# 2009

Delta R.T. -0.006 min

Lab File: BF128305.D

Acq: 17 May 2022 22:07

Instrument :

BNA_F

ClientSampleId :

HR-02-051322

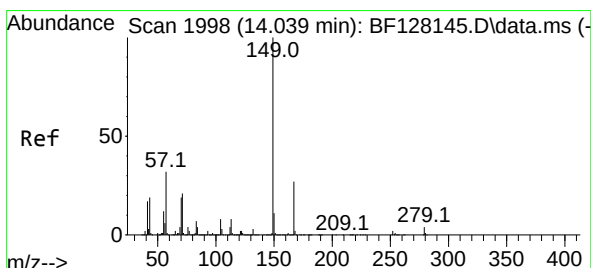
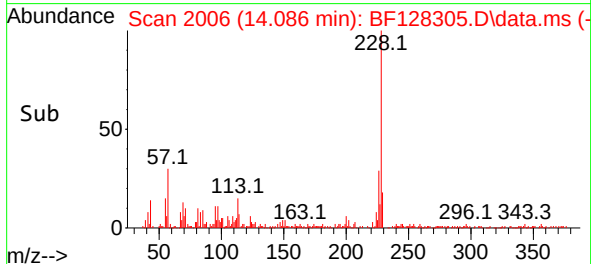
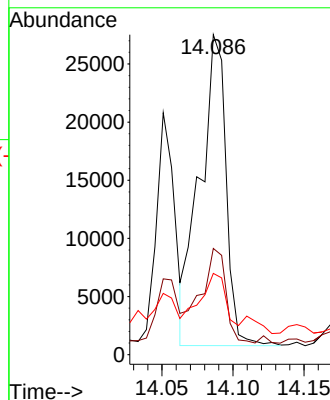
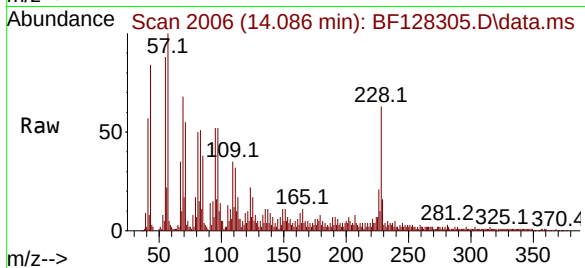
Tgt Ion:228 Resp: 34319

Ion Ratio Lower Upper

228 100

226 33.2 24.4 36.6

229 25.4 15.8 23.8#



#84

Bis(2-ethylhexyl)phthalate

Concen: 6.764 ng

RT: 14.027 min Scan# 1996

Delta R.T. 0.006 min

Lab File: BF128305.D

Acq: 17 May 2022 22:07

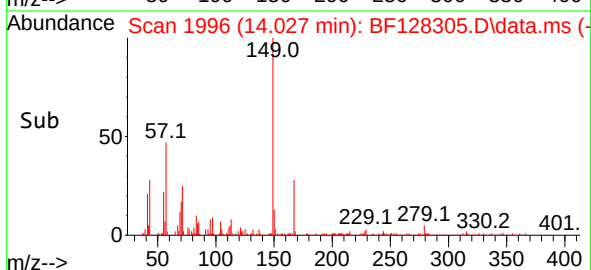
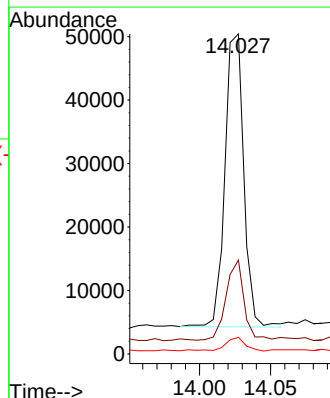
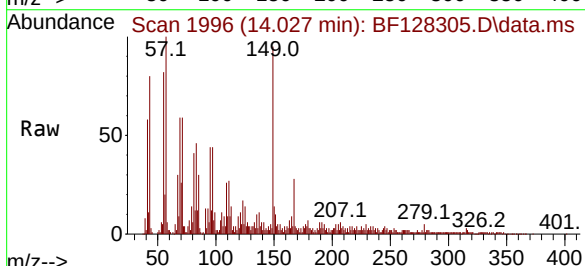
Tgt Ion:149 Resp: 42549

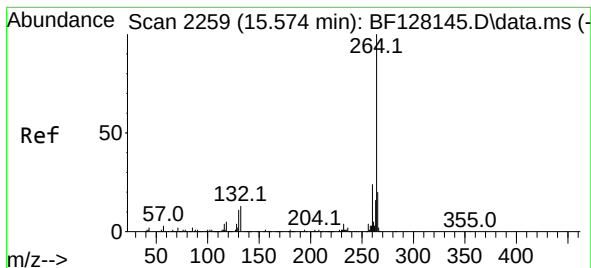
Ion Ratio Lower Upper

149 100

167 29.4 22.0 33.0

279 5.2 3.4 5.0#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.563 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF128305.D

Acq: 17 May 2022 22:07

Instrument :

BNA_F

ClientSampleId :

HR-02-051322

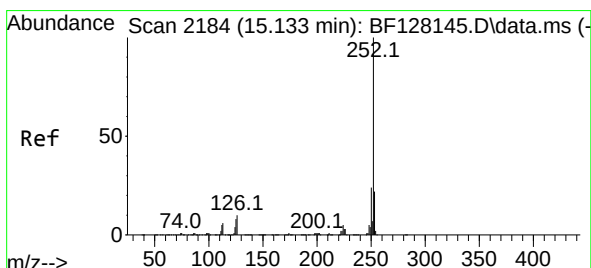
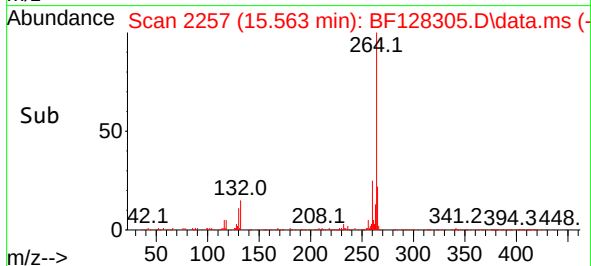
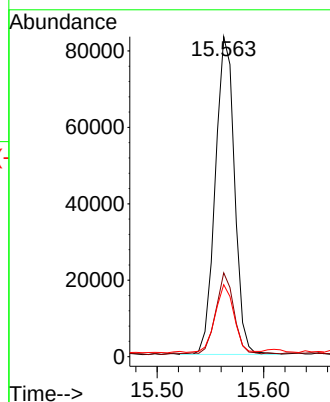
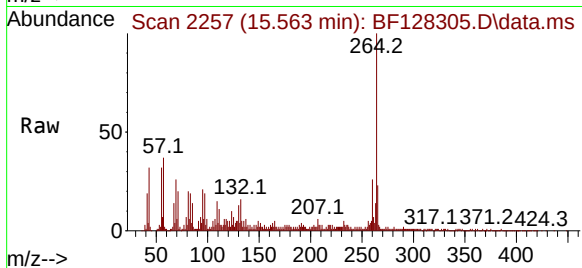
Tgt Ion:264 Resp: 104155

Ion Ratio Lower Upper

264 100

260 26.2 20.1 30.1

265 22.5 17.5 26.3



#88

Benzo(b)fluoranthene

Concen: 5.427 ng

RT: 15.121 min Scan# 2182

Delta R.T. 0.006 min

Lab File: BF128305.D

Acq: 17 May 2022 22:07

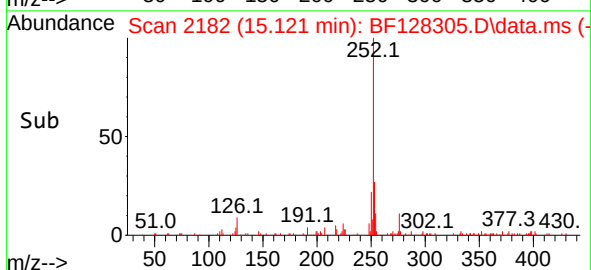
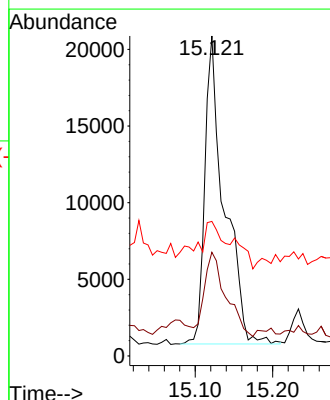
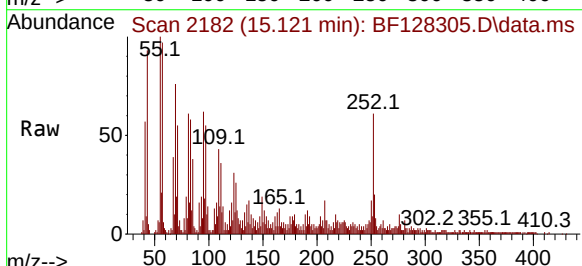
Tgt Ion:252 Resp: 35039

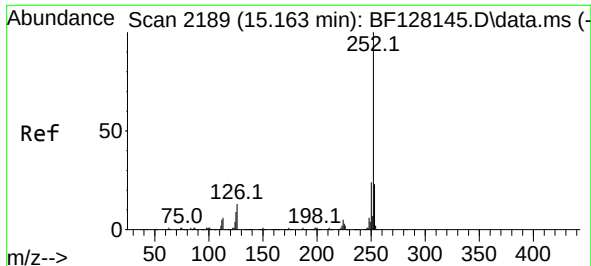
Ion Ratio Lower Upper

252 100

253 32.4 17.4 26.2#

125 42.1 7.4 11.2#

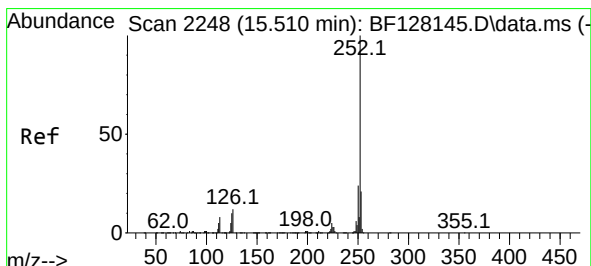
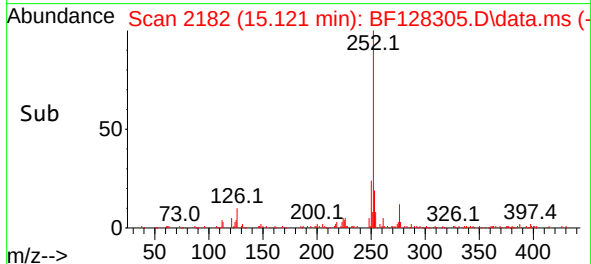
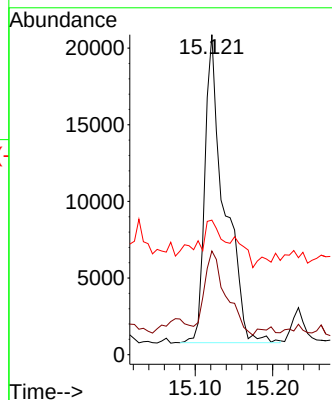
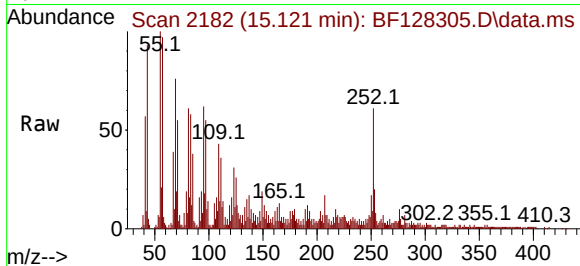




#89
Benzo(k)fluoranthene
Concen: 5.498 ng
RT: 15.121 min Scan# 2189
Delta R.T. -0.029 min
Lab File: BF128305.D
Acq: 17 May 2022 22:07

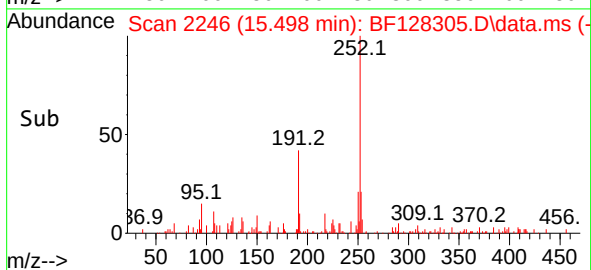
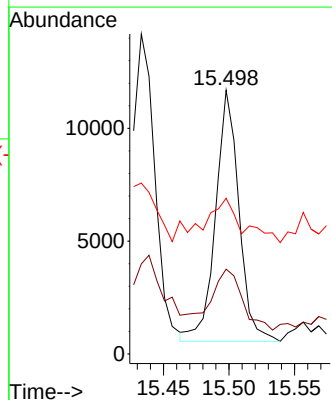
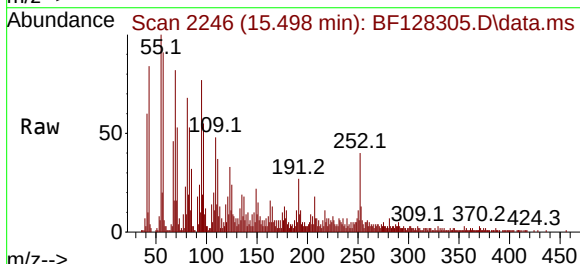
Instrument :
BNA_F
ClientSampleId :
HR-02-051322

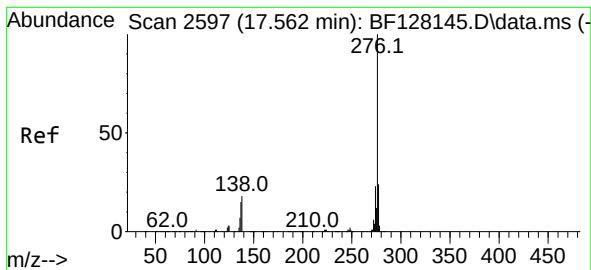
Tgt Ion:252 Resp: 35039
Ion Ratio Lower Upper
252 100
253 32.4 17.0 25.4#
125 42.1 6.8 10.2#



#90
Benzo(a)pyrene
Concen: 2.647 ng
RT: 15.498 min Scan# 2246
Delta R.T. 0.006 min
Lab File: BF128305.D
Acq: 17 May 2022 22:07

Tgt Ion:252 Resp: 13796
Ion Ratio Lower Upper
252 100
253 32.1 17.8 26.6#
125 59.1 9.2 13.8#





#92

Benzo(g,h,i)perylene

Concen: 3.404 ng

RT: 17.557 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF128305.D

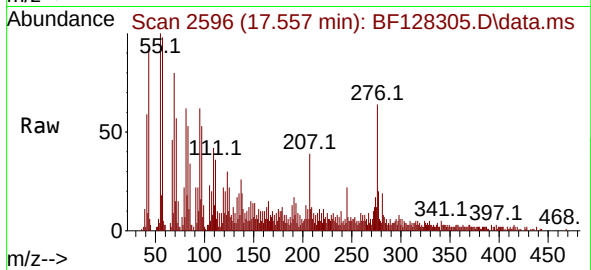
Acq: 17 May 2022 22:07

Instrument :

BNA_F

ClientSampleId :

HR-02-051322



Tgt Ion:276 Resp: 17582

Ion Ratio Lower Upper

276 100

277 31.0 18.8 28.2#

138 28.9 16.2 24.2#

