

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
 Data File : BF130854.D
 Acq On : 29 Oct 2022 13:41
 Operator : CG\JU
 Sample : N5327-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LACY-03

Quant Time: Oct 30 23:23:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 29 05:41:34 2022
 Response via : Initial Calibration

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

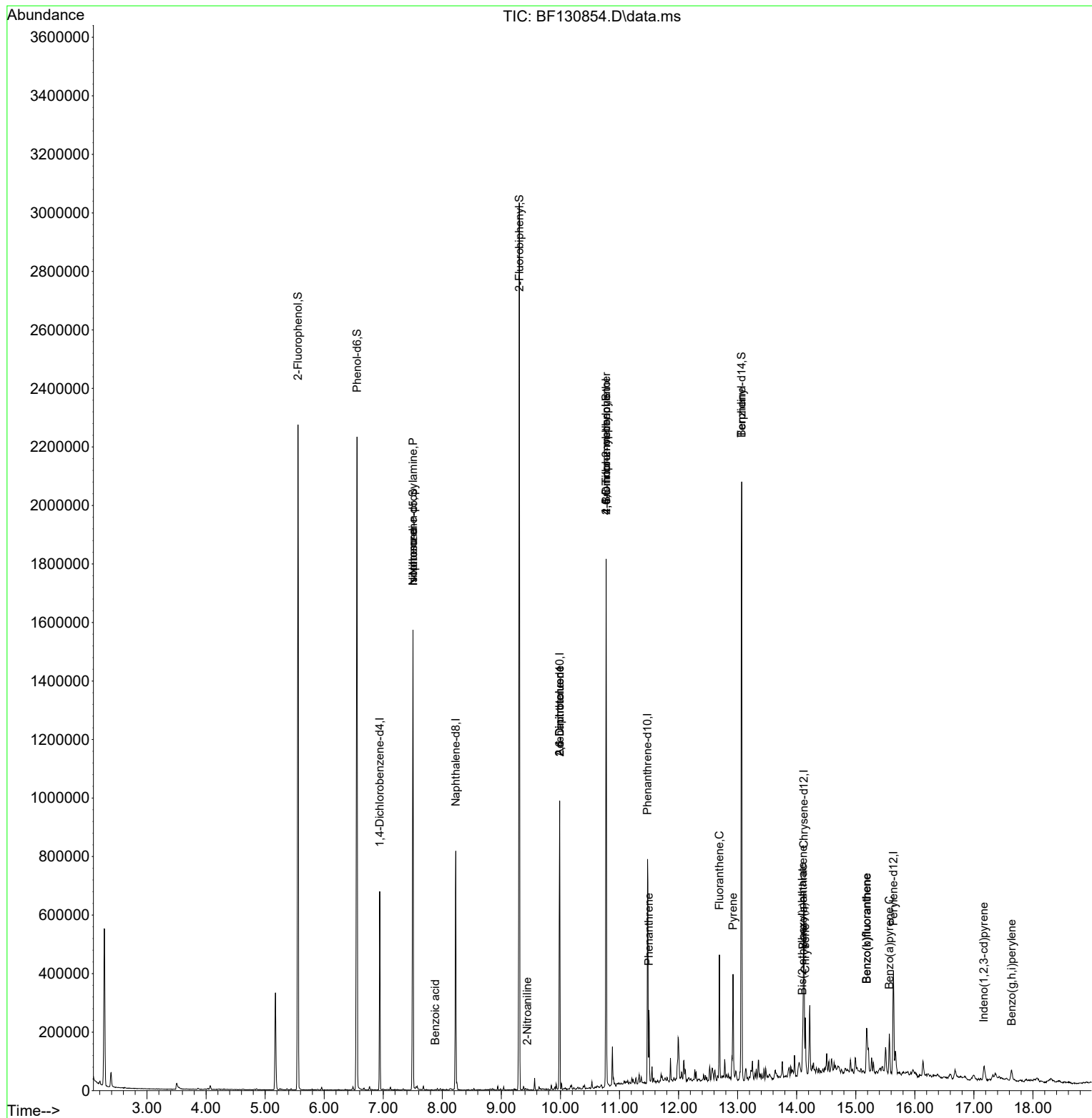
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	85854	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	325119	20.000	ng	# 0.00
39) Acenaphthene-d10	9.986	164	171626	20.000	ng	-0.01
64) Phenanthrene-d10	11.474	188	275749	20.000	ng	-0.01
76) Chrysene-d12	14.121	240	170069	20.000	ng	-0.01
86) Perylene-d12	15.639	264	158495	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	574564	116.019	ng	0.00
7) Phenol-d6	6.557	99	743001	115.453	ng	0.00
23) Nitrobenzene-d5	7.504	82	476121	88.305	ng	-0.01
42) 2,4,6-Tribromophenol	10.774	330	175640	121.572	ng	-0.01
45) 2-Fluorobiphenyl	9.304	172	864309	76.138	ng	0.00
79) Terphenyl-d14	13.068	244	650441	70.083	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.504	70	65946	15.061	ng	# 76
25) Isophorone	7.504	82	475056	42.726	ng	# 66
32) Benzoic acid	7.881	122	276	7.750	ng	93
48) 2-Nitroaniline	9.439	65	55	4.163	ng	# 12
51) 2,6-Dinitrotoluene	9.986	165	22589	12.283	ng	# 14
57) 2,4-Dinitrotoluene	9.986	165	22589	11.110	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.774	198	547	8.325	ng	# 1
67) 4-Bromophenyl-phenylether	10.774	248	11274	4.065	ng	# 1
71) Phenanthrene	11.498	178	83495	5.867	ng	99
75) Fluoranthene	12.692	202	147112	9.729	ng	98
77) Benzidine	13.068	184	10559	2.558	ng	# 89
78) Pyrene	12.921	202	136902	9.541	ng	100
81) Benzo(a)anthracene	14.110	228	81647	7.241	ng	97
83) Chrysene	14.145	228	73972	6.801	ng	96
84) Bis(2-ethylhexyl)phtha...	14.098	149	24410	3.933	ng	97
87) Indeno(1,2,3-cd)pyrene	17.168	276	30533	2.901	ng	95
88) Benzo(b)fluoranthene	15.186	252	116715	11.392	ng	# 97
89) Benzo(k)fluoranthene	15.186	252	116715	11.691	ng	98
90) Benzo(a)pyrene	15.568	252	60499	7.345	ng	96
92) Benzo(g,h,i)perylene	17.639	276	29229	3.339	ng	98

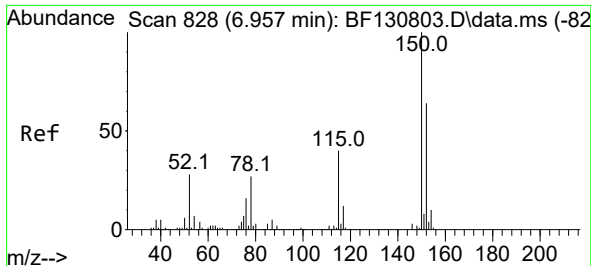
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
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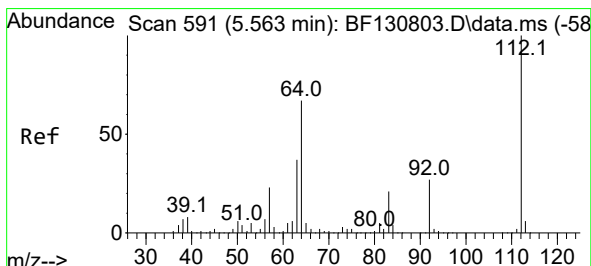
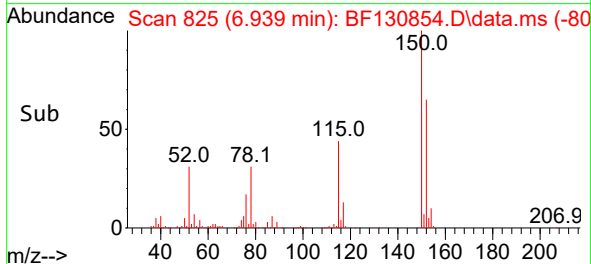
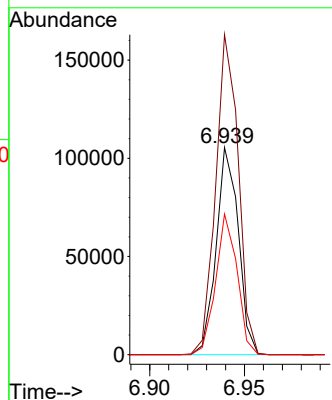
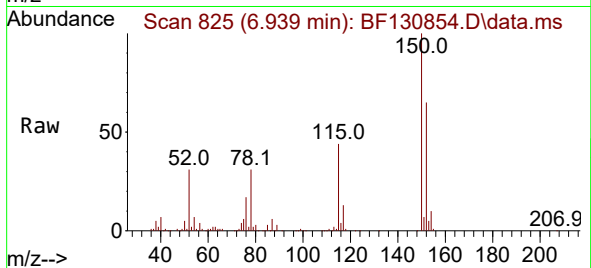




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.939 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF130854.D
 Acq: 29 Oct 2022 13:41

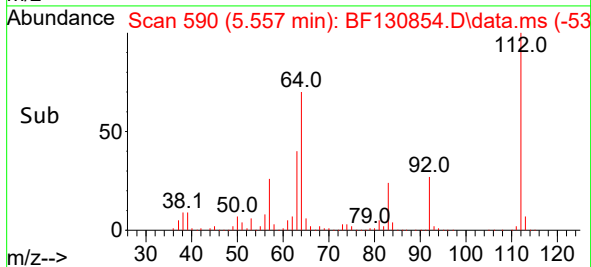
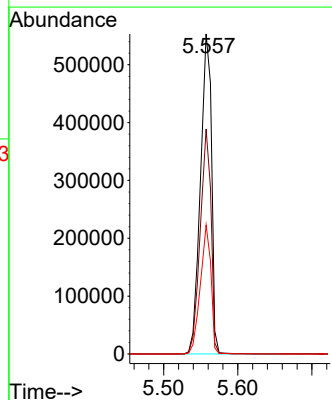
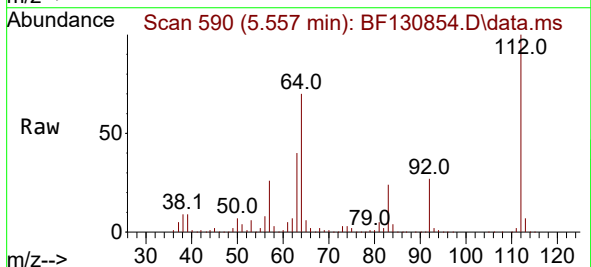
Instrument :
 BNA_F
 ClientSampleId :
 LACY-03

Tgt Ion:152 Resp: 85854
 Ion Ratio Lower Upper
 152 100
 150 154.4 124.1 186.1
 115 67.9 50.1 75.1



#5
 2-Fluorophenol
 Concen: 116.019 ng
 RT: 5.557 min Scan# 590
 Delta R.T. -0.000 min
 Lab File: BF130854.D
 Acq: 29 Oct 2022 13:41

Tgt Ion:112 Resp: 574564
 Ion Ratio Lower Upper
 112 100
 64 70.3 53.9 80.9
 63 40.3 29.4 44.2

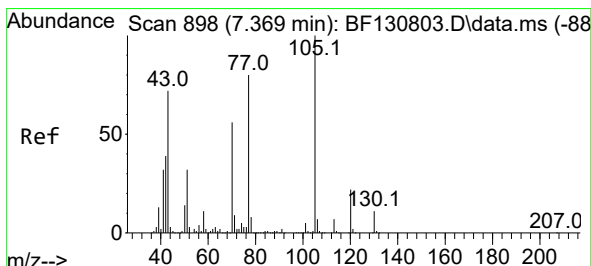
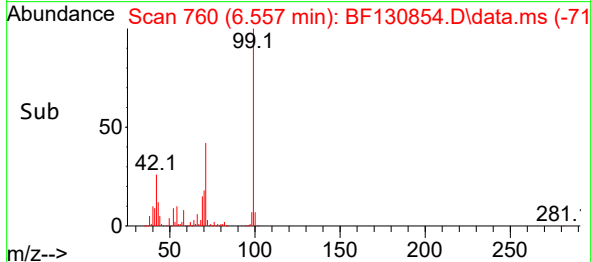
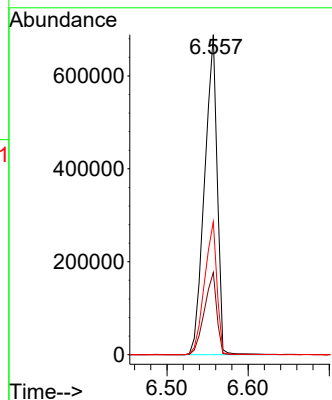
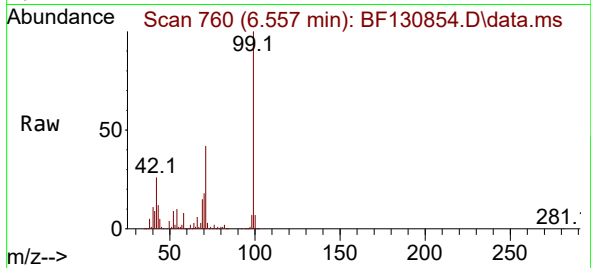




#7
Phenol-d6
Concen: 115.453 ng
RT: 6.557 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF130854.D
Acq: 29 Oct 2022 13:41

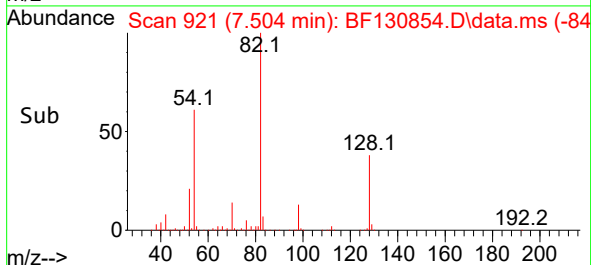
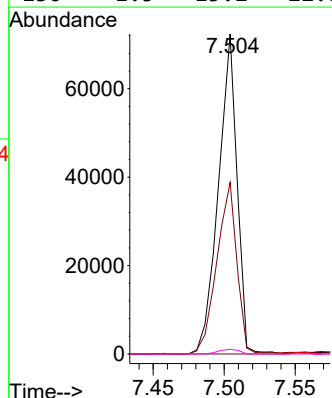
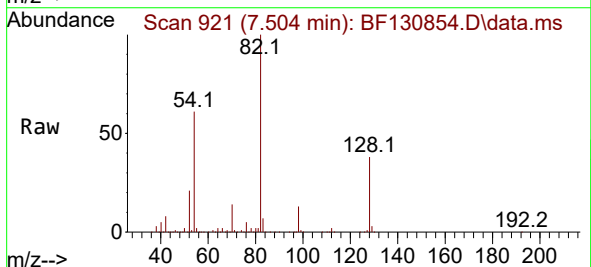
Instrument :
BNA_F
ClientSampleId :
LACY-03

Tgt Ion: 99 Resp: 743001
Ion Ratio Lower Upper
99 100
42 25.7 18.8 28.2
71 41.5 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.061 ng
RT: 7.504 min Scan# 921
Delta R.T. 0.141 min
Lab File: BF130854.D
Acq: 29 Oct 2022 13:41

Tgt Ion: 70 Resp: 65946
Ion Ratio Lower Upper
70 100
42 53.6 56.1 84.1#
101 0.0 7.3 10.9#
130 1.5 15.2 22.8#

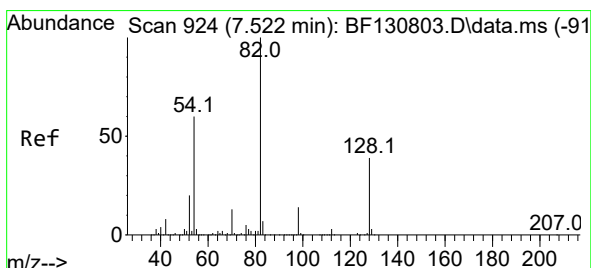
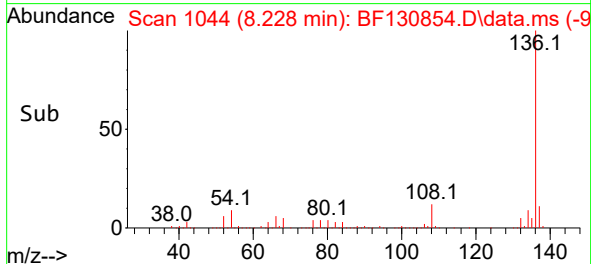
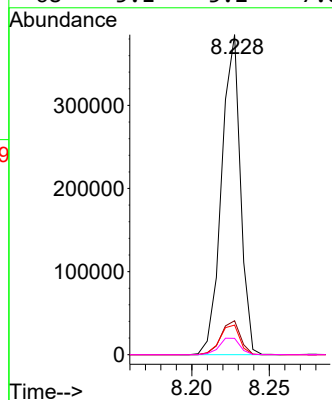
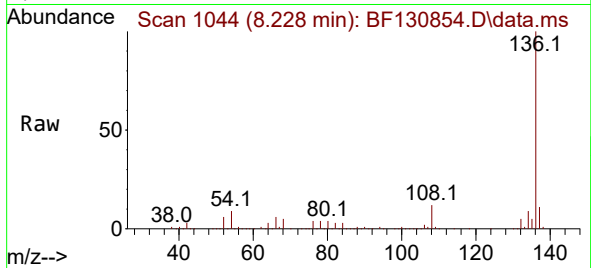




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF130854.D
Acq: 29 Oct 2022 13:41

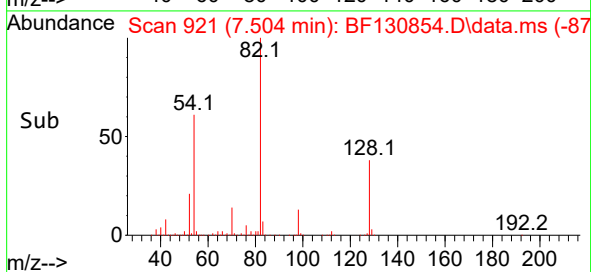
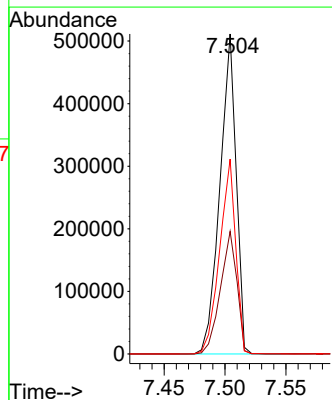
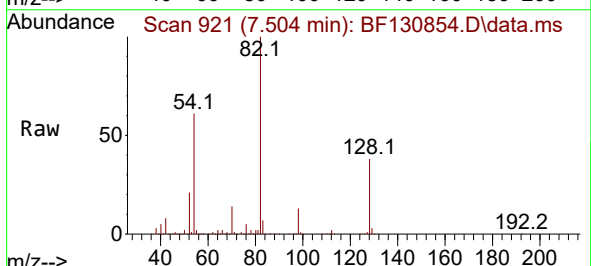
Instrument :
BNA_F
ClientSampleId :
LACY-03

Tgt Ion:136 Resp: 325119
Ion Ratio Lower Upper
136 100
137 10.6 9.2 13.8
54 9.2 8.8 13.2
68 5.1 5.2 7.8#



#23
Nitrobenzene-d5
Concen: 88.305 ng
RT: 7.504 min Scan# 921
Delta R.T. -0.012 min
Lab File: BF130854.D
Acq: 29 Oct 2022 13:41

Tgt Ion: 82 Resp: 476121
Ion Ratio Lower Upper
82 100
128 38.3 31.2 46.8
54 60.9 48.0 72.0

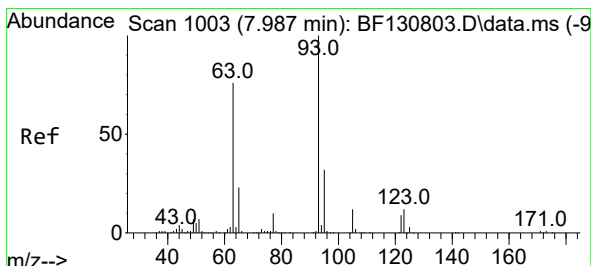
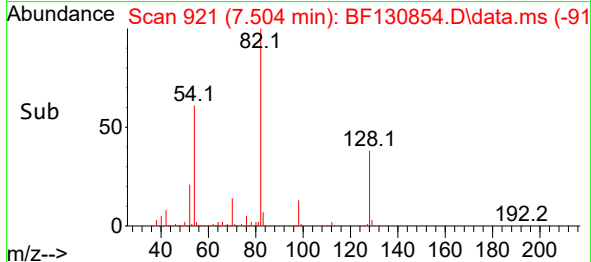
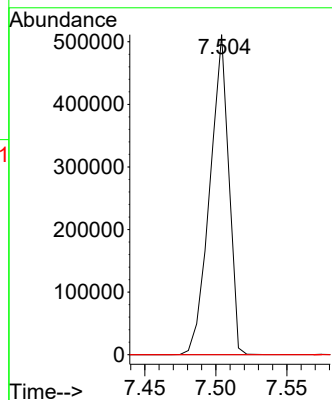
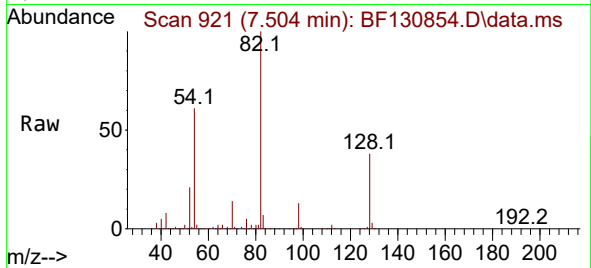




#25
Isophorone
Concen: 42.726 ng
RT: 7.504 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF130854.D
Acq: 29 Oct 2022 13:41

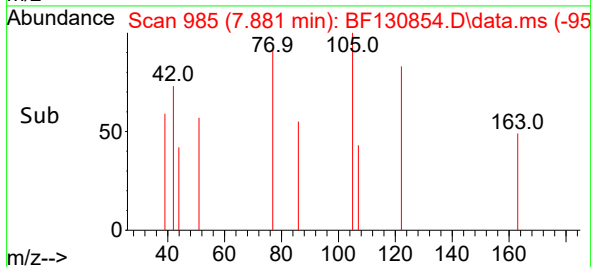
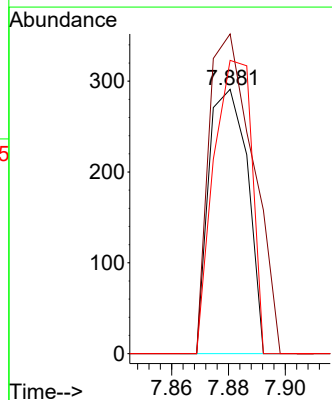
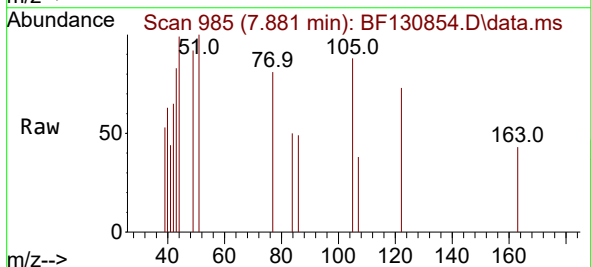
Instrument :
BNA_F
ClientSampleId :
LACY-03

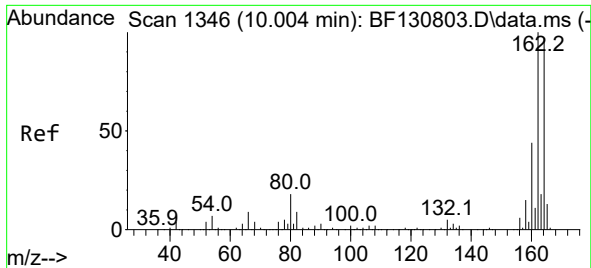
Tgt Ion: 82 Resp: 475056
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#32
Benzoic acid
Concen: 7.750 ng
RT: 7.881 min Scan# 985
Delta R.T. -0.106 min
Lab File: BF130854.D
Acq: 29 Oct 2022 13:41

Tgt Ion: 122 Resp: 276
Ion Ratio Lower Upper
122 100
105 121.0 114.5 154.5
77 111.0 89.8 129.8

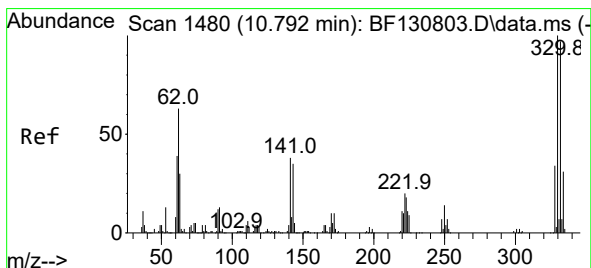
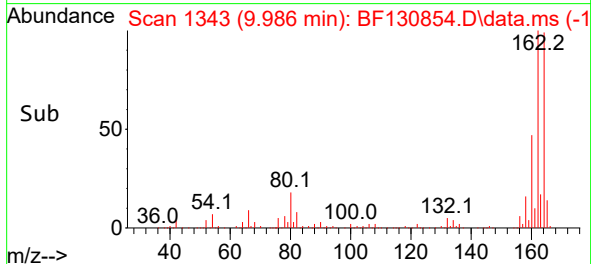
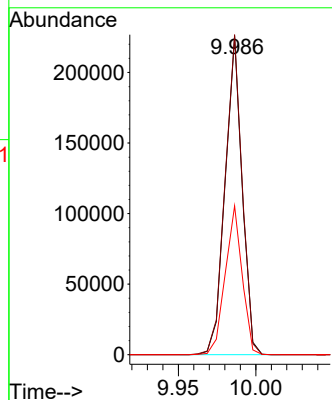
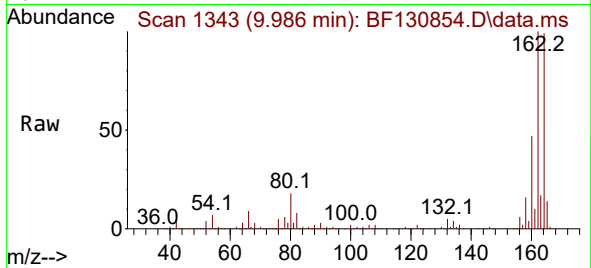




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF130854.D
Acq: 29 Oct 2022 13:41

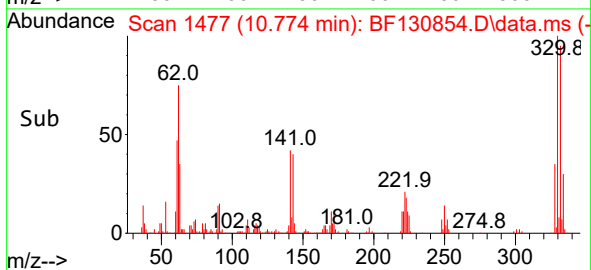
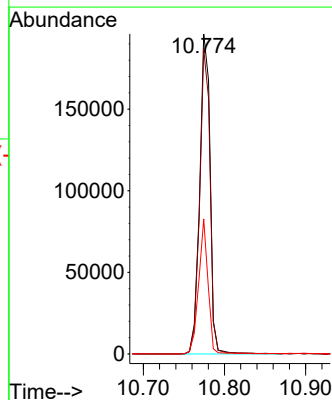
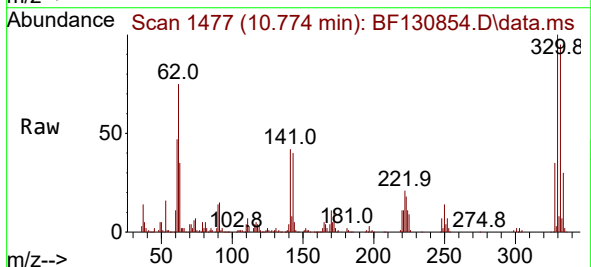
Instrument :
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ClientSampleId :
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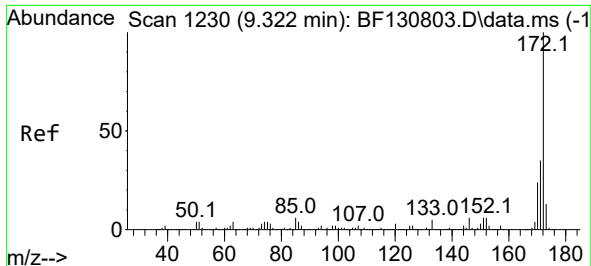
Tgt Ion:164 Resp: 171626
Ion Ratio Lower Upper
164 100
162 100.5 82.2 123.2
160 46.8 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 121.572 ng
RT: 10.774 min Scan# 1477
Delta R.T. -0.012 min
Lab File: BF130854.D
Acq: 29 Oct 2022 13:41

Tgt Ion:330 Resp: 175640
Ion Ratio Lower Upper
330 100
332 94.7 76.2 114.4
141 38.0 31.4 47.0





#45

2-Fluorobiphenyl

Concen: 76.138 ng

RT: 9.304 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF130854.D

Acq: 29 Oct 2022 13:41

Instrument :

BNA_F

ClientSampleId :

LACY-03

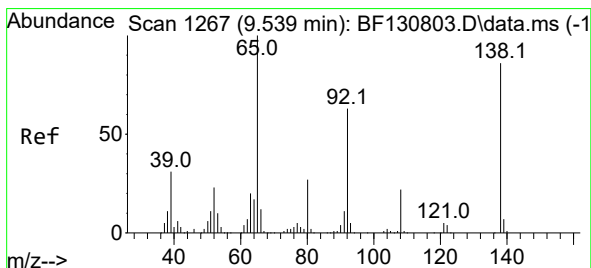
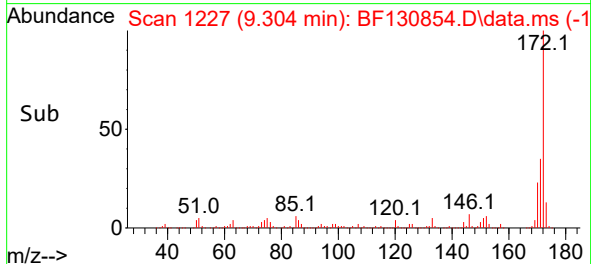
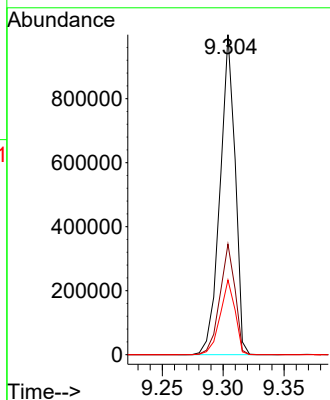
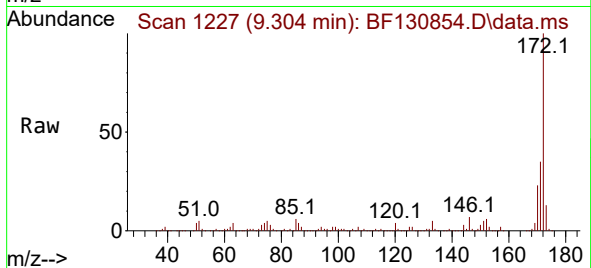
Tgt Ion:172 Resp: 864309

Ion Ratio Lower Upper

172 100

171 34.6 28.1 42.1

170 23.4 19.0 28.4



#48

2-Nitroaniline

Concen: 4.163 ng

RT: 9.439 min Scan# 1250

Delta R.T. -0.094 min

Lab File: BF130854.D

Acq: 29 Oct 2022 13:41

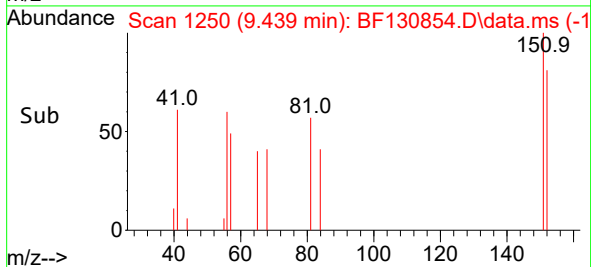
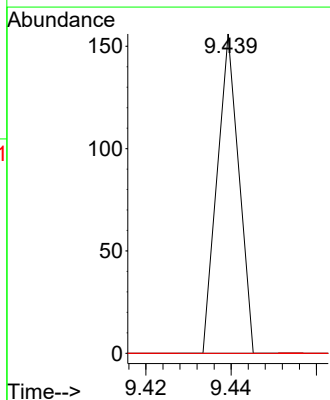
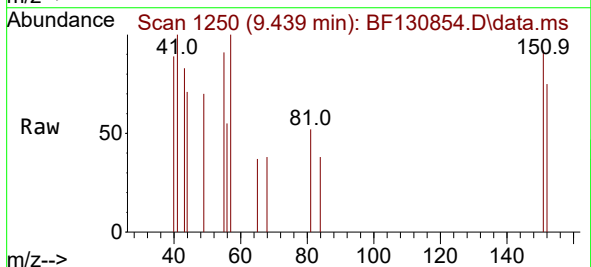
Tgt Ion: 65 Resp: 55

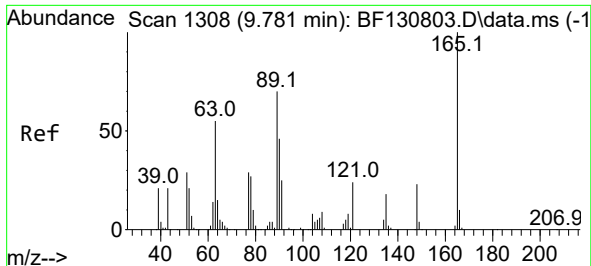
Ion Ratio Lower Upper

65 100

92 0.0 50.1 75.1#

138 0.0 69.2 103.8#

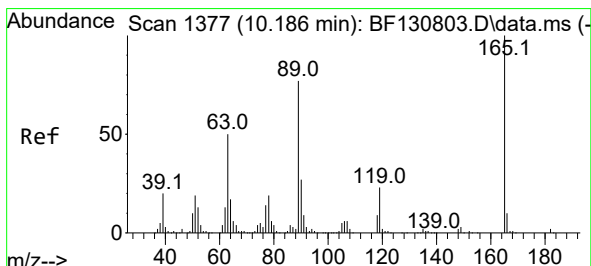
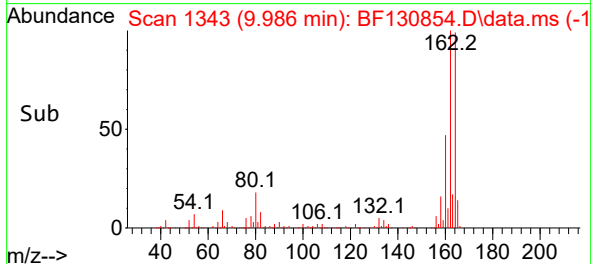
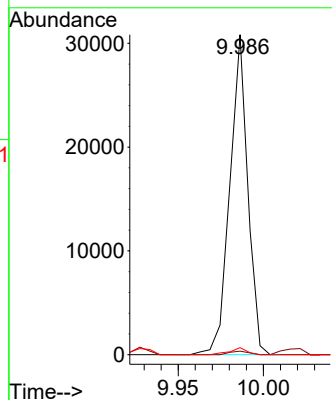
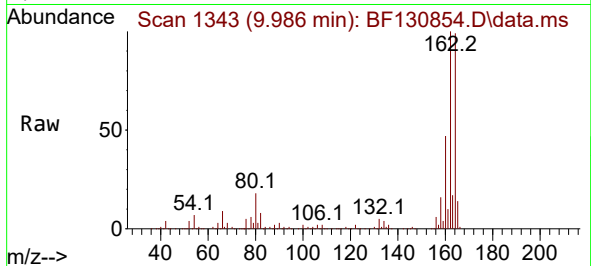




#51
2,6-Dinitrotoluene
Concen: 12.283 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.212 min
Lab File: BF130854.D
Acq: 29 Oct 2022 13:41

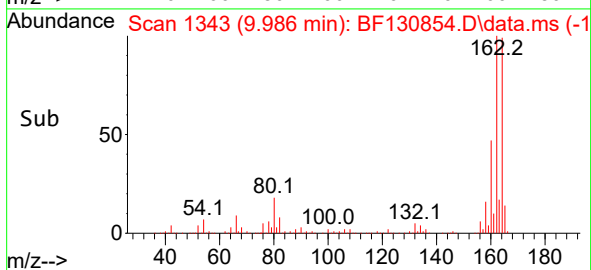
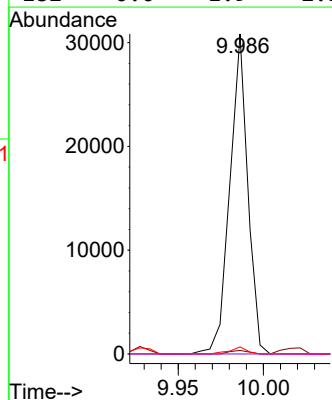
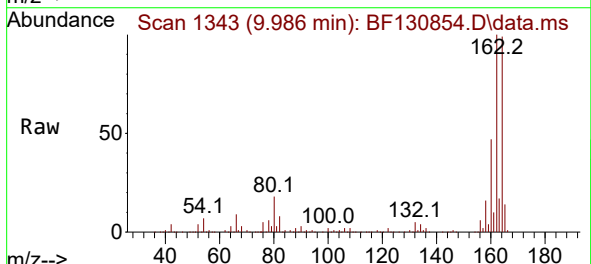
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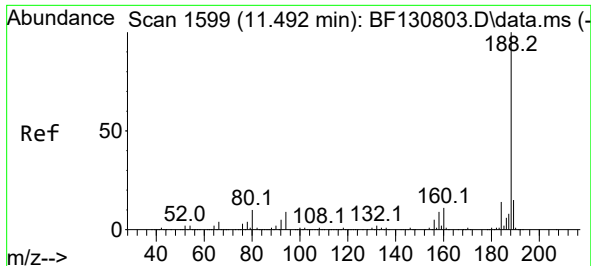
Tgt Ion:165 Resp: 22589
Ion Ratio Lower Upper
165 100
63 1.1 61.8 92.8#
89 2.2 56.2 84.4#



#57
2,4-Dinitrotoluene
Concen: 11.110 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.194 min
Lab File: BF130854.D
Acq: 29 Oct 2022 13:41

Tgt Ion:165 Resp: 22589
Ion Ratio Lower Upper
165 100
63 1.1 39.8 59.6#
89 2.2 61.9 92.9#
182 0.0 1.9 2.9#

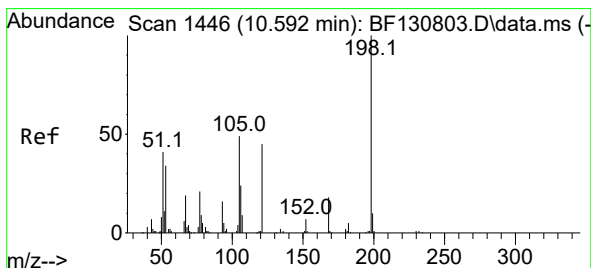
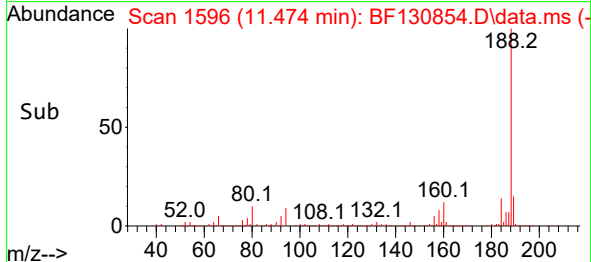
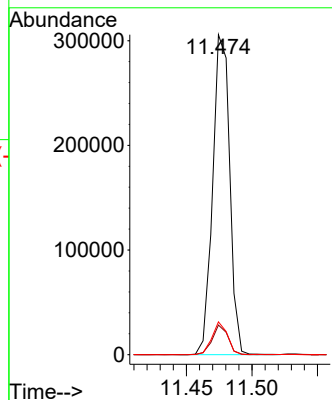
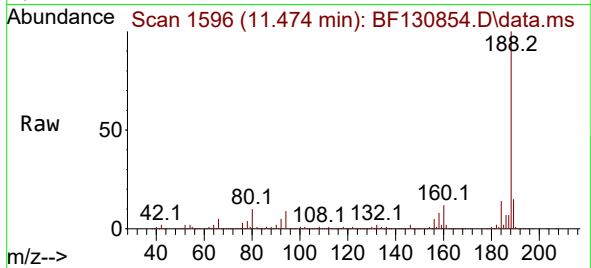




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.474 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130854.D
Acq: 29 Oct 2022 13:41

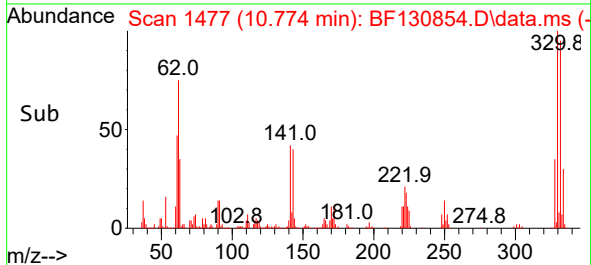
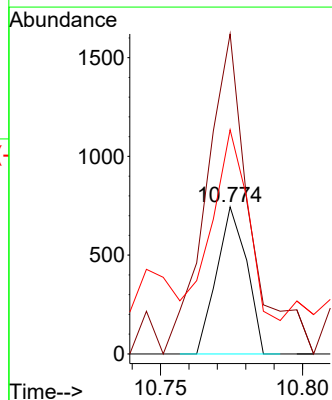
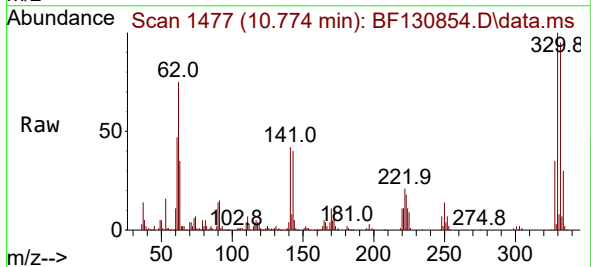
Instrument :
BNA_F
ClientSampleId :
LACY-03

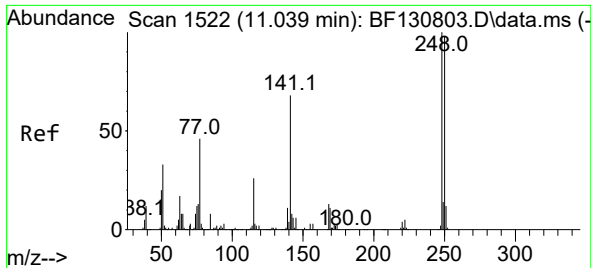
Tgt Ion:188 Resp: 275749
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.2
80 10.3 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 8.325 ng
RT: 10.774 min Scan# 1477
Delta R.T. 0.188 min
Lab File: BF130854.D
Acq: 29 Oct 2022 13:41

Tgt Ion:198 Resp: 547
Ion Ratio Lower Upper
198 100
51 217.7 39.0 79.0#
105 152.6 30.6 70.6#

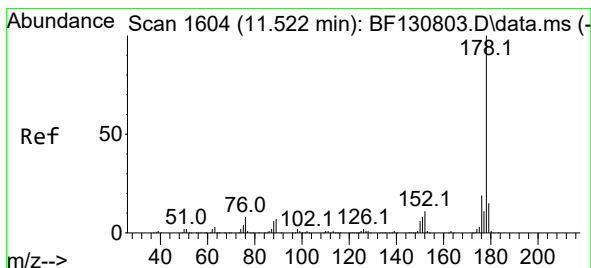
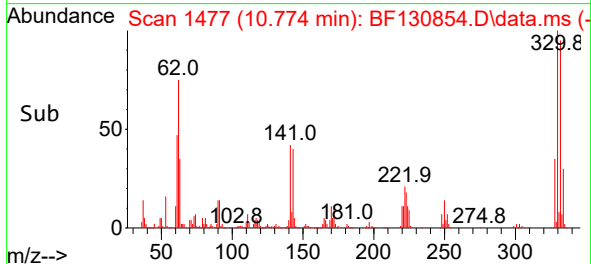
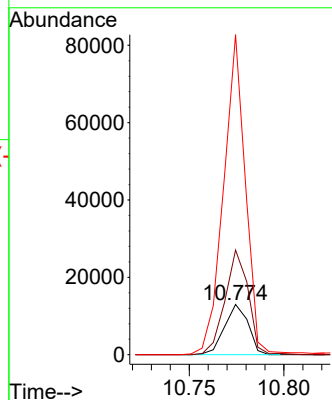
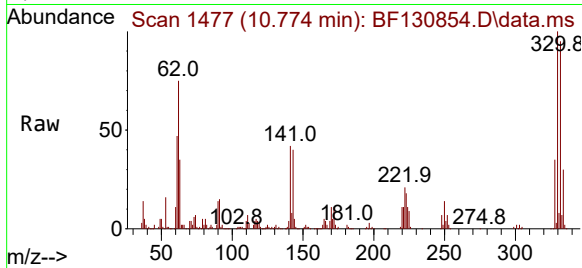




#67
4-Bromophenyl-phenylether
Concen: 4.065 ng
RT: 10.774 min Scan# 1477
Delta R.T. -0.253 min
Lab File: BF130854.D
Acq: 29 Oct 2022 13:41

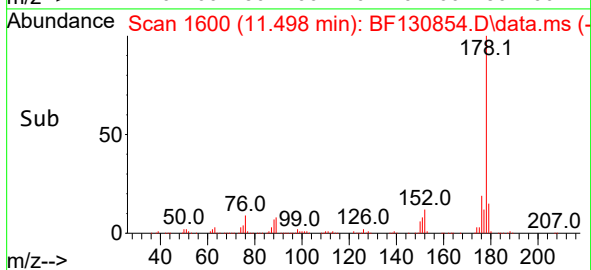
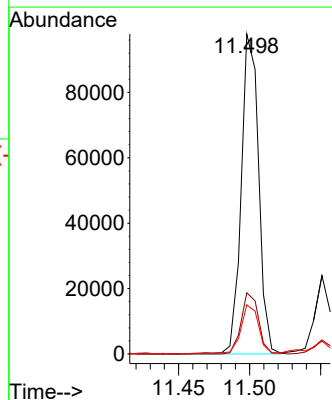
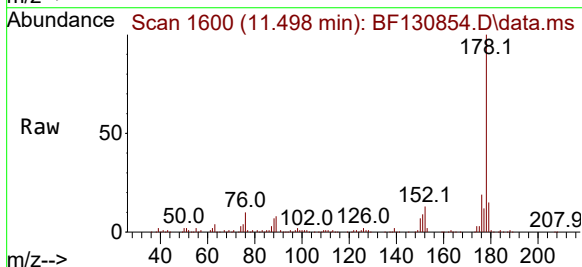
Instrument :
BNA_F
ClientSampleId :
LACY-03

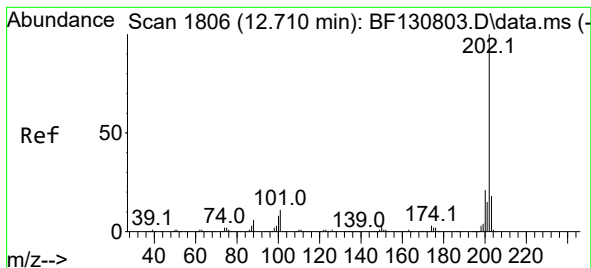
Tgt Ion:248 Resp: 11274
Ion Ratio Lower Upper
248 100
250 208.4 78.6 117.8#
141 637.8 54.2 81.4#



#71
Phenanthrene
Concen: 5.867 ng
RT: 11.498 min Scan# 1600
Delta R.T. -0.012 min
Lab File: BF130854.D
Acq: 29 Oct 2022 13:41

Tgt Ion:178 Resp: 83495
Ion Ratio Lower Upper
178 100
176 19.1 15.5 23.3
179 15.3 12.2 18.2

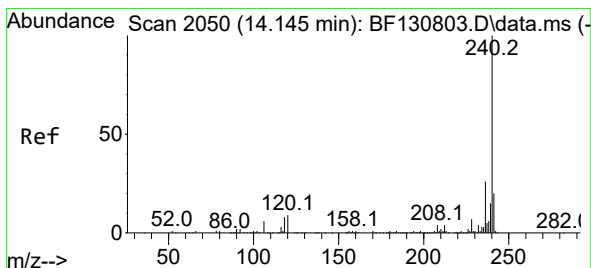
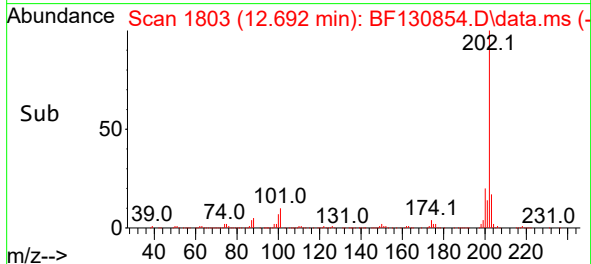
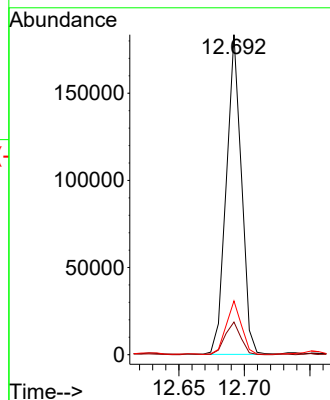
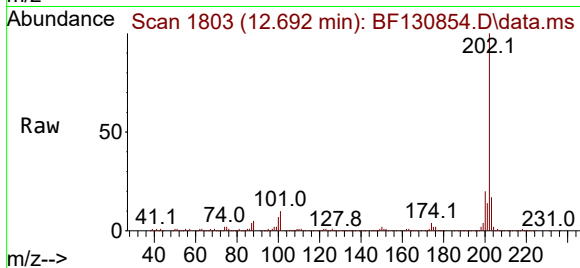




#75
Fluoranthene
Concen: 9.729 ng
RT: 12.692 min Scan# 1803
Delta R.T. -0.012 min
Lab File: BF130854.D
Acq: 29 Oct 2022 13:41

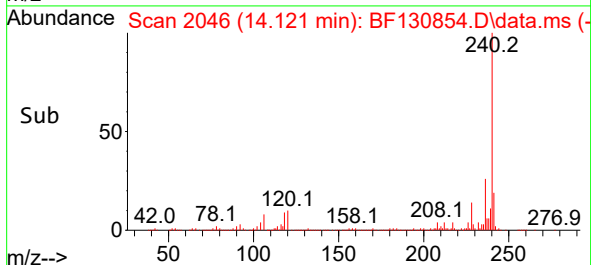
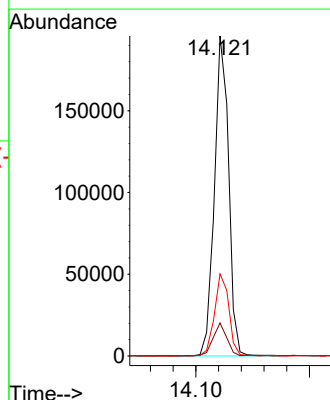
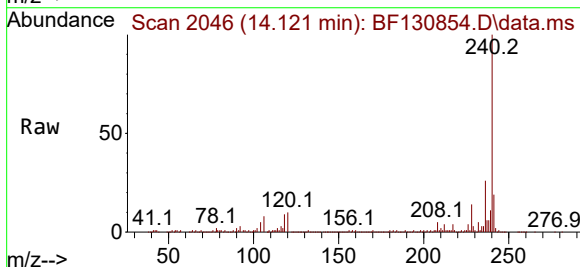
Instrument :
BNA_F
ClientSampleId :
LACY-03

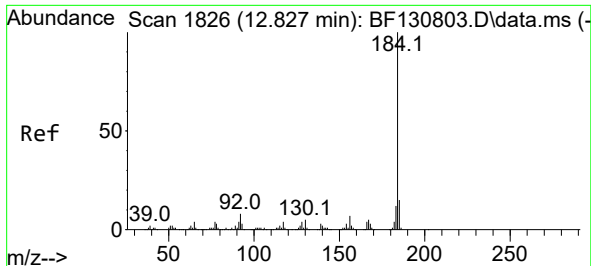
Tgt Ion:202 Resp: 147112
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.9
203 16.8 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2046
Delta R.T. -0.012 min
Lab File: BF130854.D
Acq: 29 Oct 2022 13:41

Tgt Ion:240 Resp: 170069
Ion Ratio Lower Upper
240 100
120 10.3 7.0 10.4
236 25.6 20.5 30.7

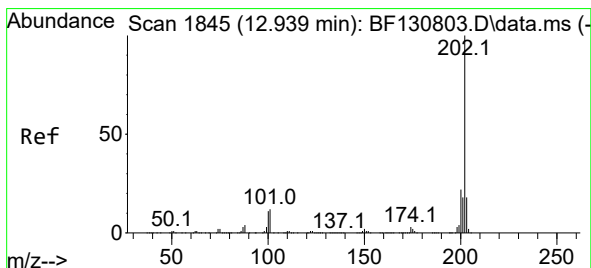
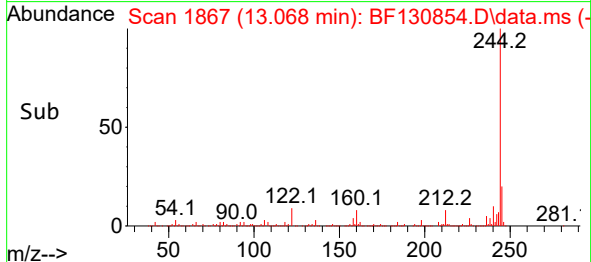
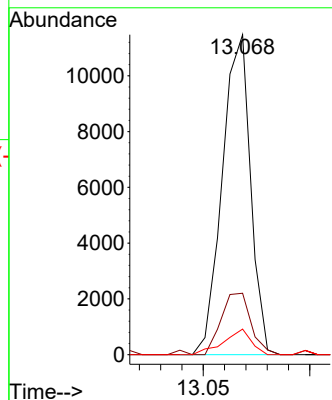
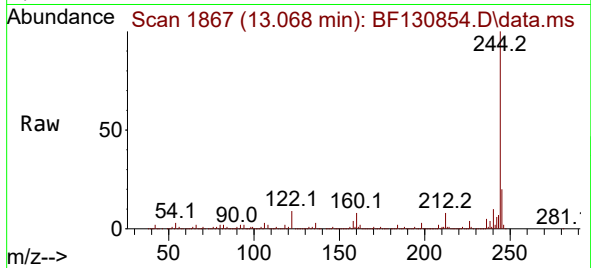




#77
Benzidine
Concen: 2.558 ng
RT: 13.068 min Scan# 1867
Delta R.T. 0.247 min
Lab File: BF130854.D
Acq: 29 Oct 2022 13:41

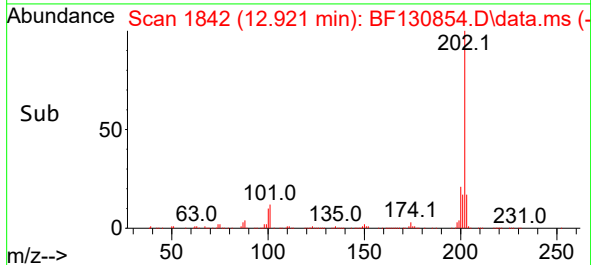
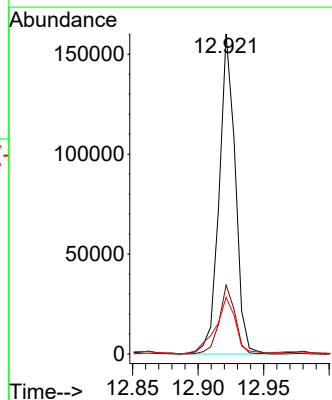
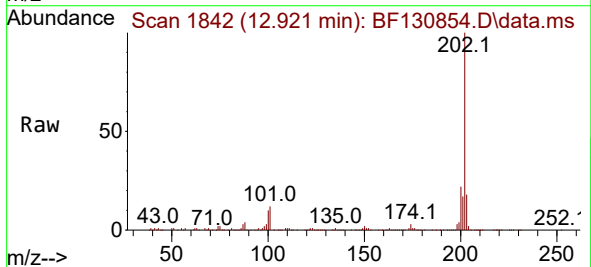
Instrument :
BNA_F
ClientSampleId :
LACY-03

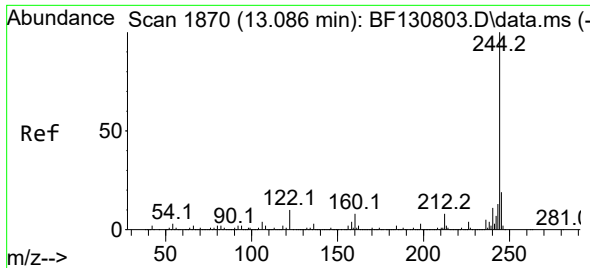
Tgt Ion:184 Resp: 10559
Ion Ratio Lower Upper
184 100
185 19.2 11.8 17.8#
183 8.0 9.7 14.5#



#78
Pyrene
Concen: 9.541 ng
RT: 12.921 min Scan# 1842
Delta R.T. -0.012 min
Lab File: BF130854.D
Acq: 29 Oct 2022 13:41

Tgt Ion:202 Resp: 136902
Ion Ratio Lower Upper
202 100
200 21.5 17.2 25.8
203 17.7 14.5 21.7

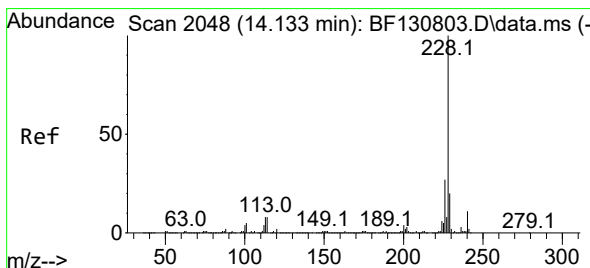
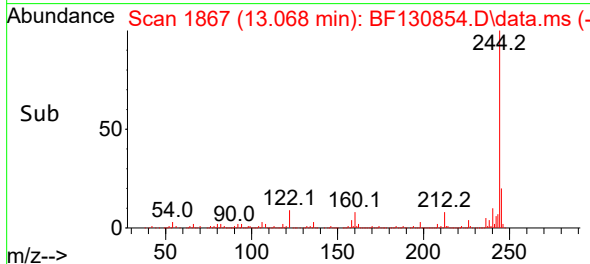
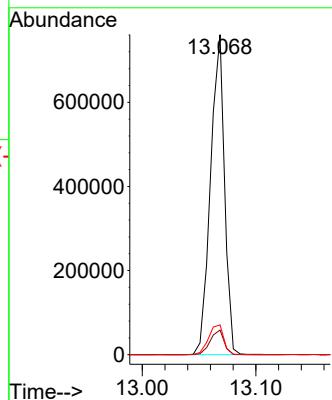
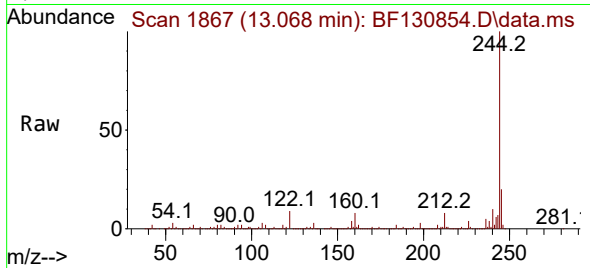




#79
 Terphenyl-d14
 Concen: 70.083 ng
 RT: 13.068 min Scan# 1867
 Delta R.T. -0.006 min
 Lab File: BF130854.D
 Acq: 29 Oct 2022 13:41

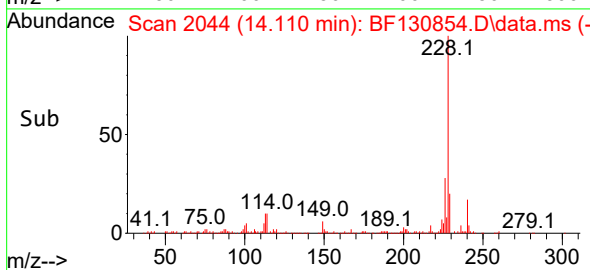
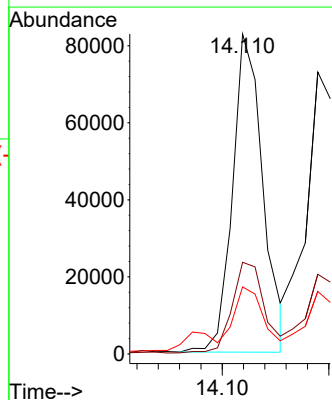
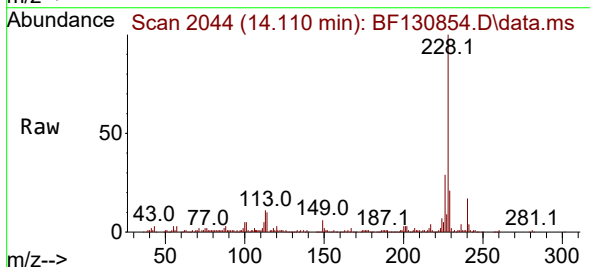
Instrument :
 BNA_F
 ClientSampleId :
 LACY-03

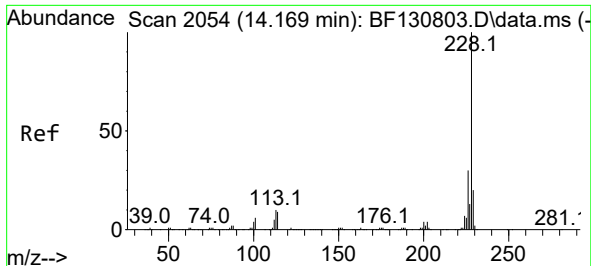
Tgt Ion:244 Resp: 650441
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 9.3 7.9 11.9



#81
 Benzo(a)anthracene
 Concen: 7.241 ng
 RT: 14.110 min Scan# 2044
 Delta R.T. -0.012 min
 Lab File: BF130854.D
 Acq: 29 Oct 2022 13:41

Tgt Ion:228 Resp: 81647
 Ion Ratio Lower Upper
 228 100
 226 28.7 21.4 32.2
 229 20.9 15.8 23.6

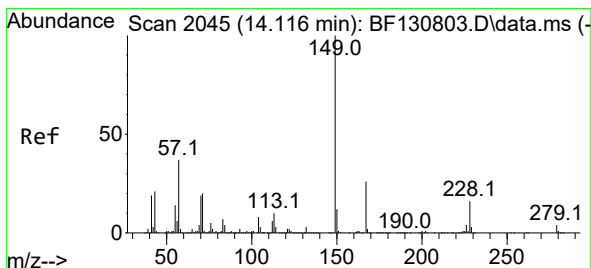
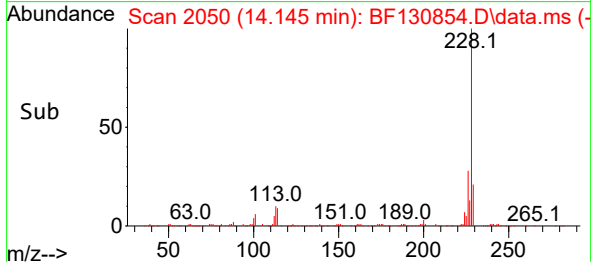
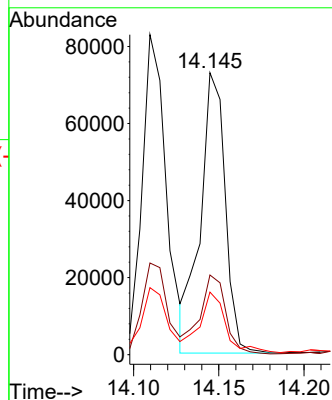
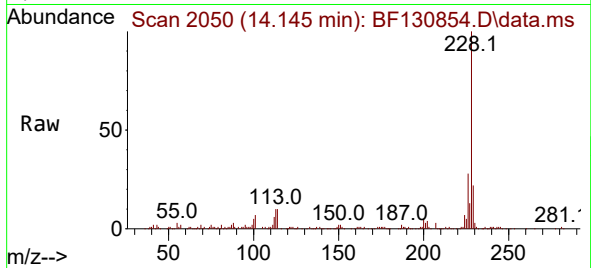




#83
Chrysene
Concen: 6.801 ng
RT: 14.145 min Scan# 2050
Delta R.T. -0.012 min
Lab File: BF130854.D
Acq: 29 Oct 2022 13:41

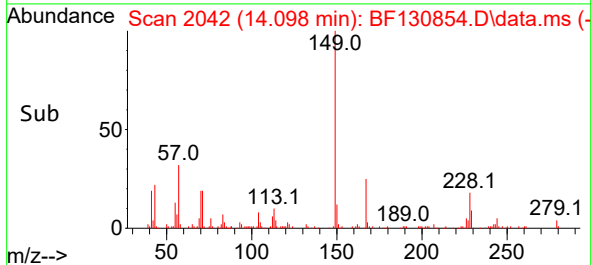
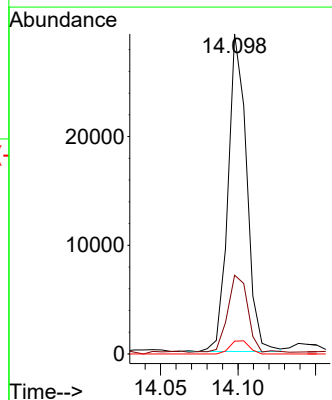
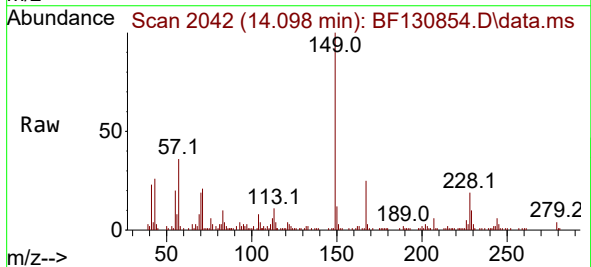
Instrument :
BNA_F
ClientSampleId :
LACY-03

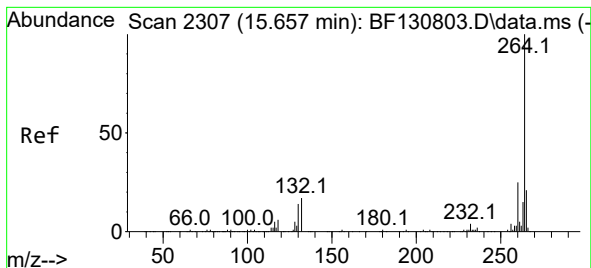
Tgt Ion:228	Resp:	73972
Ion Ratio	Lower	Upper
228	100	
226	28.2	23.9 35.9
229	22.2	15.8 23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.933 ng
RT: 14.098 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BF130854.D
Acq: 29 Oct 2022 13:41

Tgt Ion:149	Resp:	24410
Ion Ratio	Lower	Upper
149	100	
167	24.6	21.0 31.4
279	4.0	3.0 4.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.639 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF130854.D

Acq: 29 Oct 2022 13:41

Instrument :

BNA_F

ClientSampleId :

LACY-03

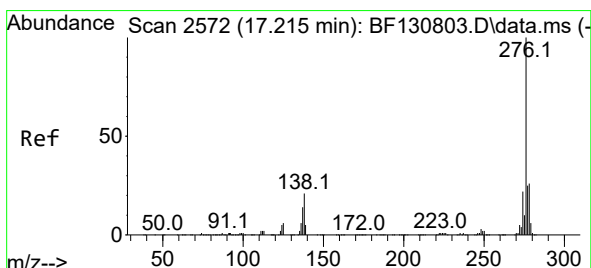
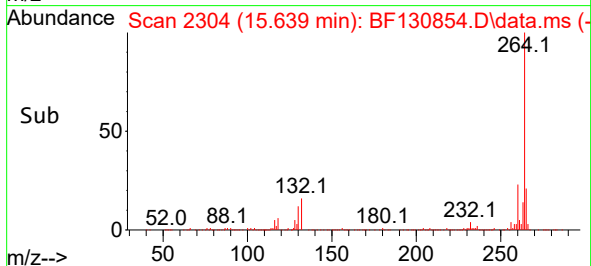
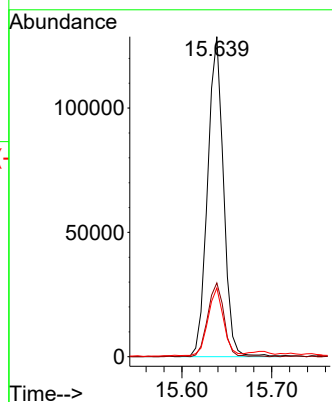
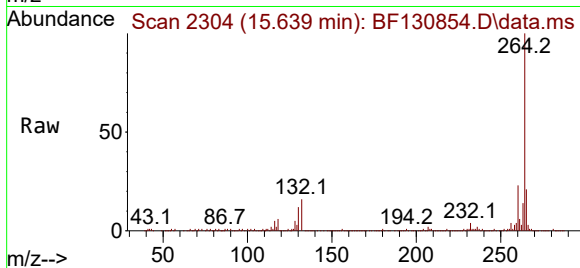
Tgt Ion:264 Resp: 158495

Ion Ratio Lower Upper

264 100

260 23.1 19.9 29.9

265 21.5 17.0 25.6



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.901 ng

RT: 17.168 min Scan# 2564

Delta R.T. -0.024 min

Lab File: BF130854.D

Acq: 29 Oct 2022 13:41

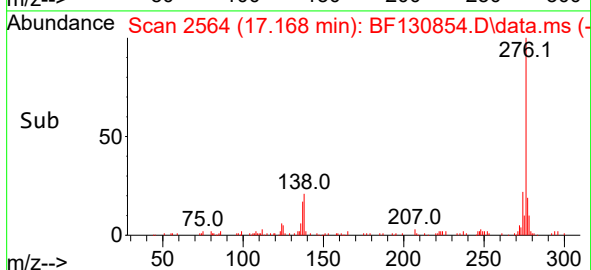
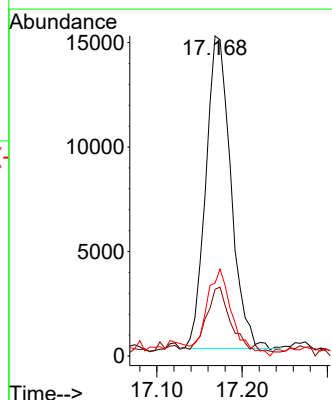
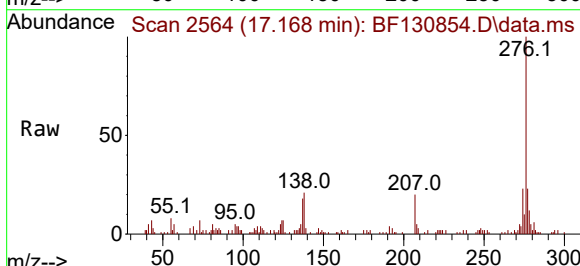
Tgt Ion:276 Resp: 30533

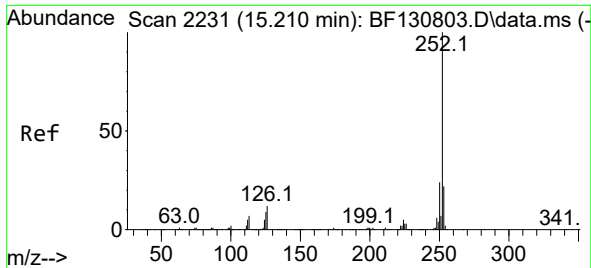
Ion Ratio Lower Upper

276 100

138 22.2 19.1 28.7

277 28.4 20.1 30.1

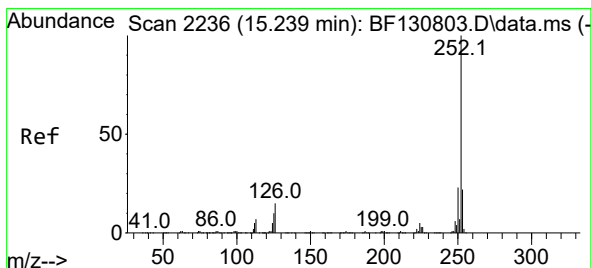
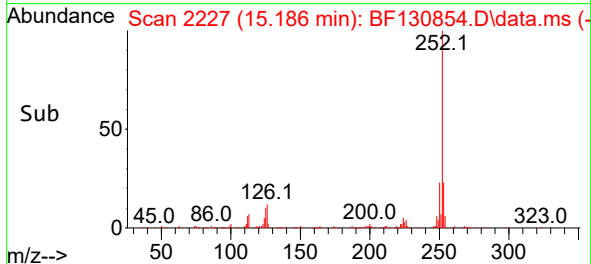
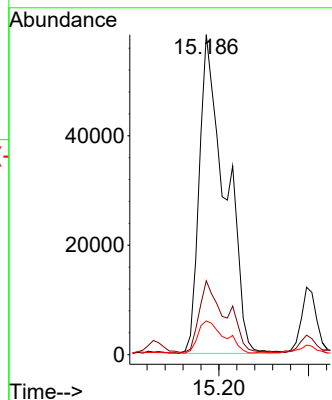
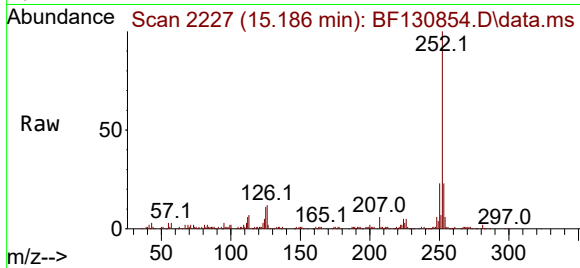




#88
Benzo(b)fluoranthene
Concen: 11.392 ng
RT: 15.186 min Scan# 211
Delta R.T. -0.012 min
Lab File: BF130854.D
Acq: 29 Oct 2022 13:41

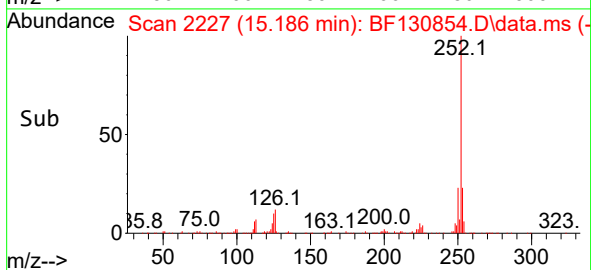
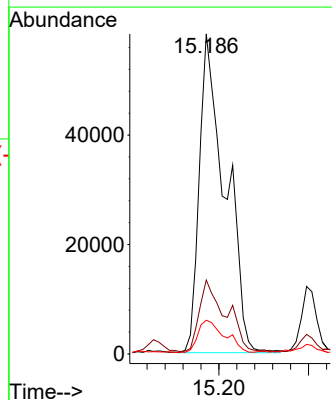
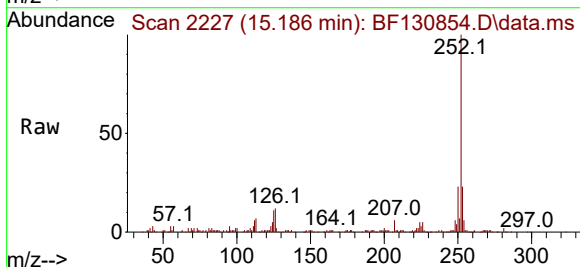
Instrument :
BNA_F
ClientSampleId :
LACY-03

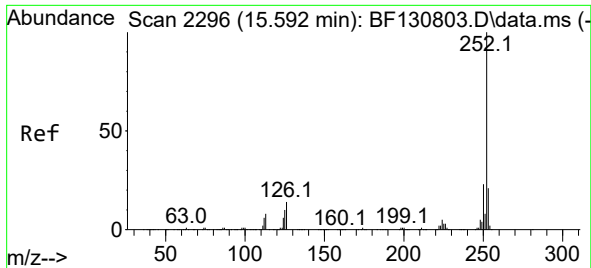
Tgt Ion:252 Resp: 116715
Ion Ratio Lower Upper
252 100
253 23.1 17.5 26.3
125 10.5 7.0 10.4#



#89
Benzo(k)fluoranthene
Concen: 11.691 ng
RT: 15.186 min Scan# 2227
Delta R.T. -0.041 min
Lab File: BF130854.D
Acq: 29 Oct 2022 13:41

Tgt Ion:252 Resp: 116715
Ion Ratio Lower Upper
252 100
253 23.1 17.5 26.3
125 10.5 8.0 12.0

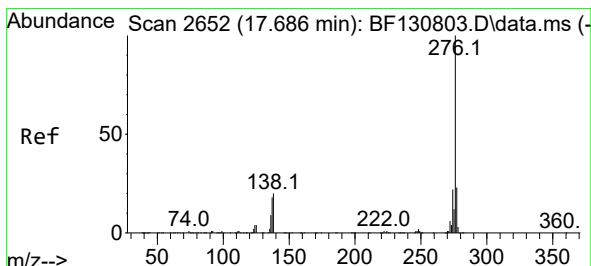
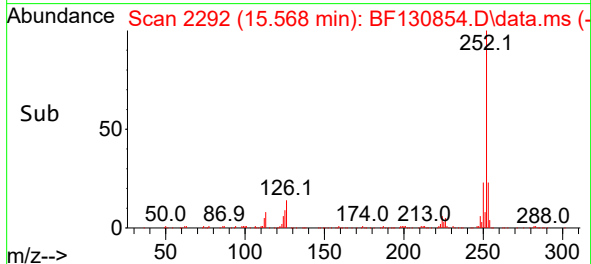
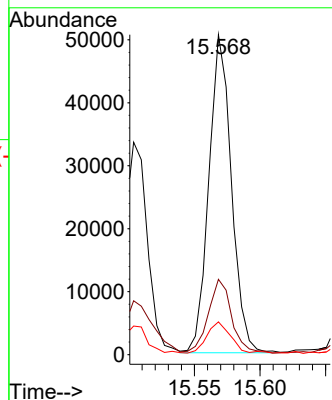
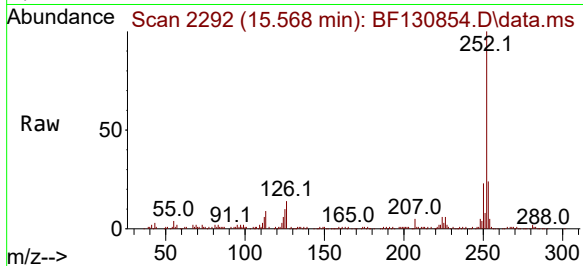




#90
Benzo(a)pyrene
Concen: 7.345 ng
RT: 15.568 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF130854.D
Acq: 29 Oct 2022 13:41

Instrument :
BNA_F
ClientSampleId :
LACY-03

Tgt Ion:252 Resp: 60499
Ion Ratio Lower Upper
252 100
253 23.6 16.8 25.2
125 10.2 8.3 12.5



#92
Benzo(g,h,i)perylene
Concen: 3.339 ng
RT: 17.639 min Scan# 2644
Delta R.T. -0.030 min
Lab File: BF130854.D
Acq: 29 Oct 2022 13:41

Tgt Ion:276 Resp: 29229
Ion Ratio Lower Upper
276 100
277 23.9 18.8 28.2
138 21.5 16.3 24.5

