

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101822\
 Data File : BF130704.D
 Acq On : 18 Oct 2022 18:20
 Operator : CG\JU
 Sample : N5172-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-101722

Quant Time: Oct 19 02:40:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 18 03:15:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.575	152	57242	20.000	ng	0.00
21) Naphthalene-d8	7.857	136	190786	20.000	ng	0.00
39) Acenaphthene-d10	9.604	164	89930	20.000	ng	0.00
64) Phenanthrene-d10	11.092	188	160686	20.000	ng	0.00
76) Chrysene-d12	13.739	240	157360	20.000	ng	0.02
86) Perylene-d12	15.116	264	109894	20.000	ng	# 0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.181	112	393219	123.824	ng	0.01
7) Phenol-d6	6.228	99	448066	112.223	ng	0.00
23) Nitrobenzene-d5	7.145	82	273634	78.296	ng	0.00
42) 2,4,6-Tribromophenol	10.398	330	112041	127.325	ng	0.00
45) 2-Fluorobiphenyl	8.934	172	458549	77.236	ng	0.00
79) Terphenyl-d14	12.686	244	611401	64.487	ng	0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.145	70	36394	14.128	ng	# 78
25) Isophorone	7.145	82	272159	46.790	ng	# 64
27) 2,4-Dimethylphenol	7.534	122	5681	2.365	ng	86
31) Naphthalene	7.881	128	1386671	140.409	ng	99
32) Benzoic acid	7.675	122	5573	3.667	ng	# 46
33) 4-Chloroaniline	7.881	127	183931	48.078	ng	# 29
37) 2-Methylnaphthalene	8.575	142	600446	96.613	ng	100
38) 1-Methylnaphthalene	8.669	142	463220	76.777	ng	99
46) 1,1'-Biphenyl	9.034	154	132256	20.293	ng	98
48) 2-Nitroaniline	9.198	65	3904	2.435	ng	# 21
49) Acenaphthylene	9.469	152	236306	29.608	ng	97
51) 2,6-Dinitrotoluene	9.304	165	3244	2.376	ng	90
52) Acenaphthene	9.639	154	194962	40.319	ng	100
54) 2,4-Dinitrophenol	9.757	184	69	5.066	ng	# 1
55) Dibenzofuran	9.810	168	516151	70.069	ng	# 98
56) 4-Nitrophenol	9.810	139	210552	255.113	ng	# 9
57) 2,4-Dinitrotoluene	9.810	165	4010	2.285	ng	# 1
58) Fluorene	10.157	166	853512	140.935	ng	98
62) 4-Nitroaniline	10.157	138	10084	7.056	ng	# 20
66) n-Nitrosodiphenylamine	10.263	169	19057	3.565	ng	# 55
67) 4-Bromophenyl-phenylether	10.398	248	6573	3.615	ng	# 1
71) Phenanthrene	11.133	178	4467581	501.830	ng	97
72) Anthracene	11.175	178	873491	100.463	ng	100
73) Carbazole	11.333	167	430702	55.515	ng	99
74) Di-n-butylphthalate	11.657	149	18850	2.006	ng	# 74
75) Fluoranthene	12.328	202	3722833	435.100	ng	95
78) Pyrene	12.557	202	3449452	254.093	ng	97
80) Butylbenzylphthalate	13.157	149	19493	3.734	ng	# 81
81) Benzo(a)anthracene	13.733	228	1685106	158.925	ng	96
83) Chrysene	13.733	228	1685106	167.620	ng	97
84) Bis(2-ethylhexyl)phtha...	13.716	149	39212	6.196	ng	98
85) Di-n-octyl phthalate	14.327	149	47600	4.911	ng	# 98
87) Indeno(1,2,3-cd)pyrene	16.415	276	436909	53.118	ng	# 94
88) Benzo(b)fluoranthene	14.745	252	1673027	240.422	ng	96
89) Benzo(k)fluoranthene	14.745	252	1673027	236.119	ng	95
90) Benzo(a)pyrene	15.069	252	947942	163.675	ng	97

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 18 03:15:54 2022
Response via : Initial Calibration

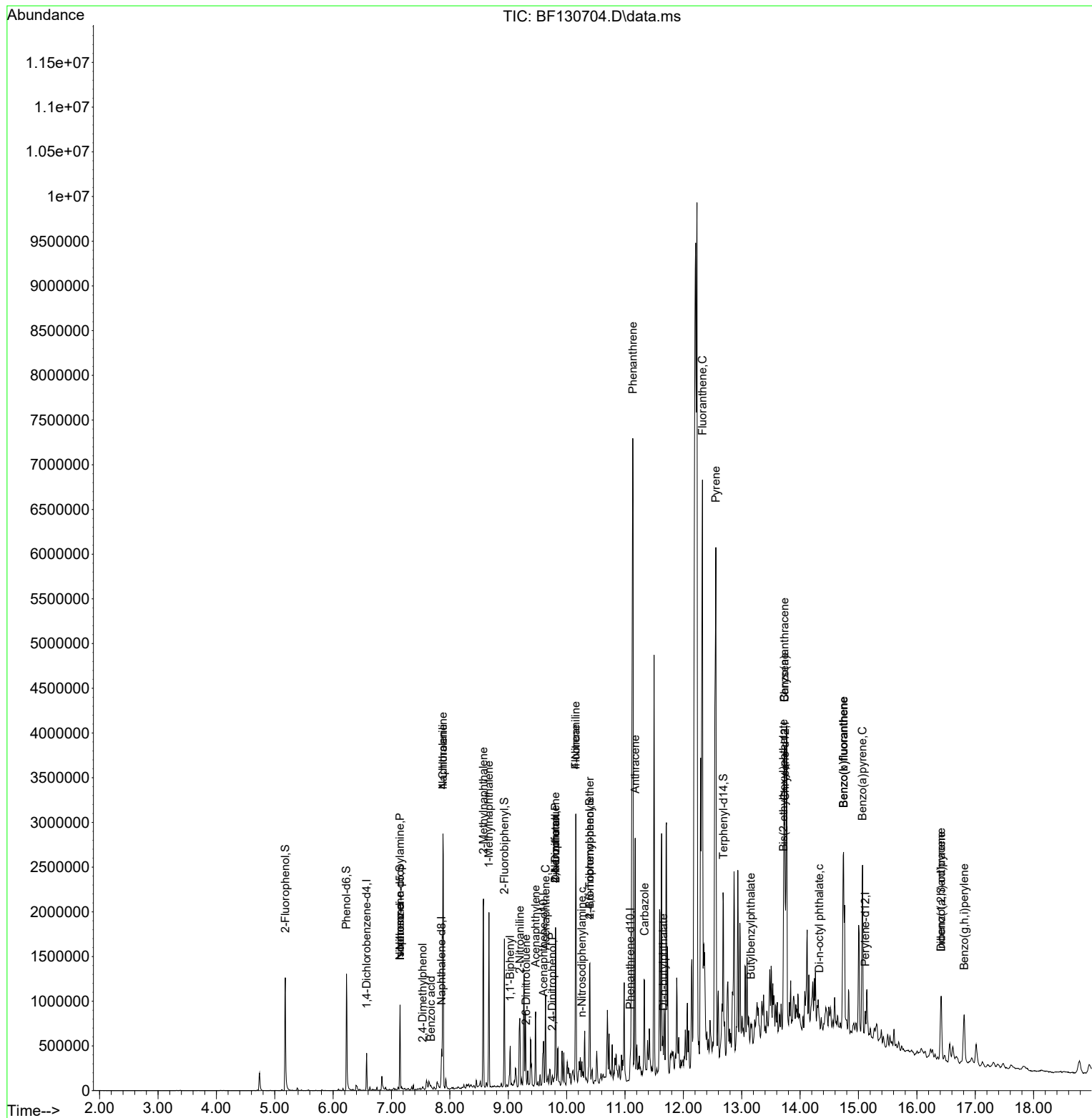
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Dibenzo(a,h)anthracene	16.415	278	133314	19.773	ng	# 89
92) Benzo(g,h,i)perylene	16.810	276	440447	70.140	ng	96

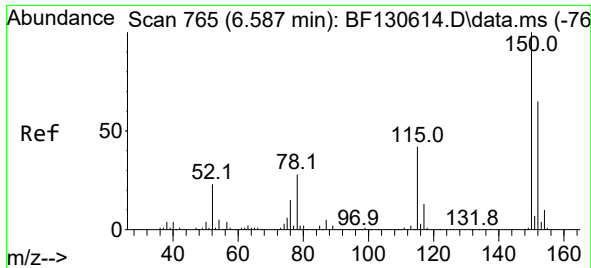
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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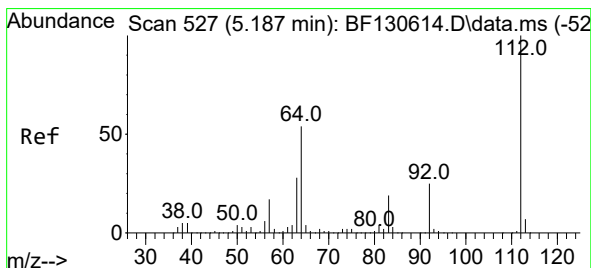
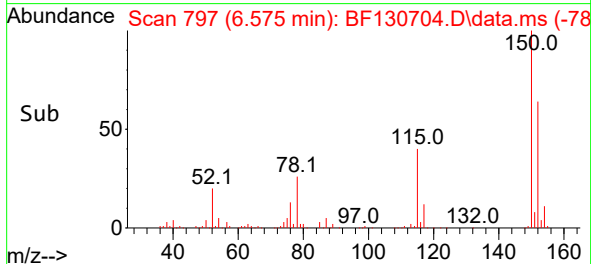
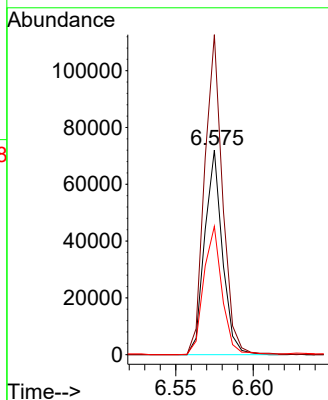
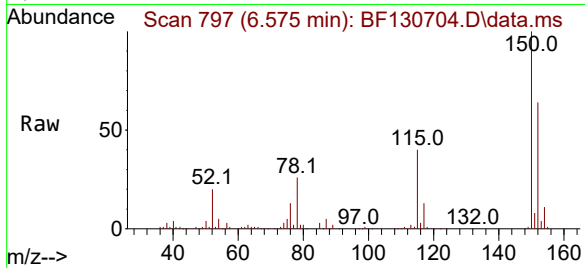




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130704.D
Acq: 18 Oct 2022 18:20

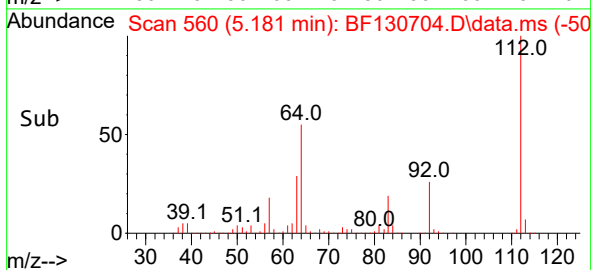
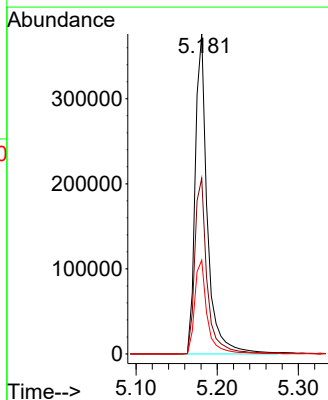
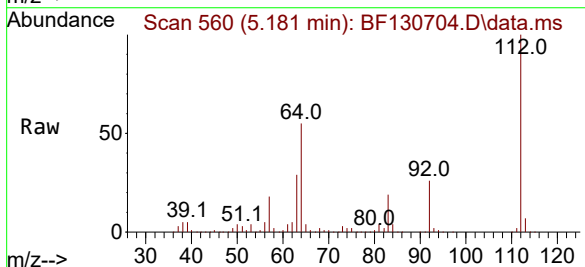
Instrument :
BNA_F
ClientSampleId :
BU-02-101722

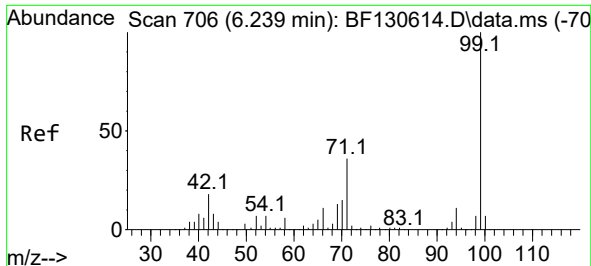
Tgt Ion:152 Resp: 57242
Ion Ratio Lower Upper
152 100
150 156.4 123.8 185.6
115 62.7 52.2 78.4



#5
2-Fluorophenol
Concen: 123.824 ng
RT: 5.181 min Scan# 560
Delta R.T. 0.012 min
Lab File: BF130704.D
Acq: 18 Oct 2022 18:20

Tgt Ion:112 Resp: 393219
Ion Ratio Lower Upper
112 100
64 54.9 43.5 65.3
63 29.3 22.6 34.0

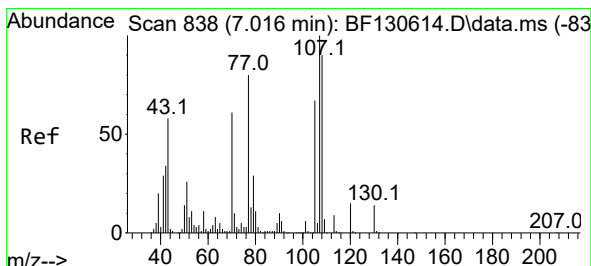
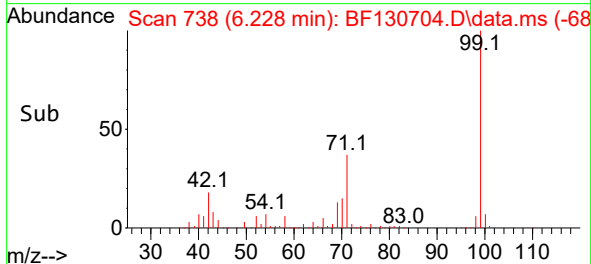
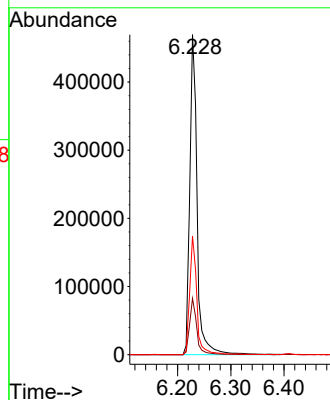
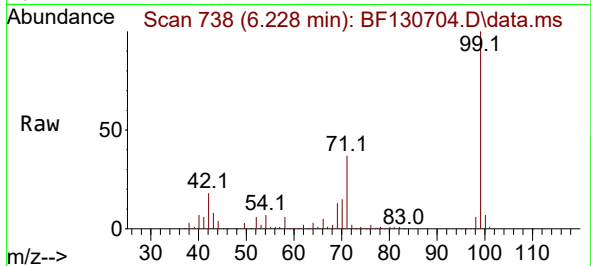




#7
Phenol-d6
Concen: 112.223 ng
RT: 6.228 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130704.D
Acq: 18 Oct 2022 18:20

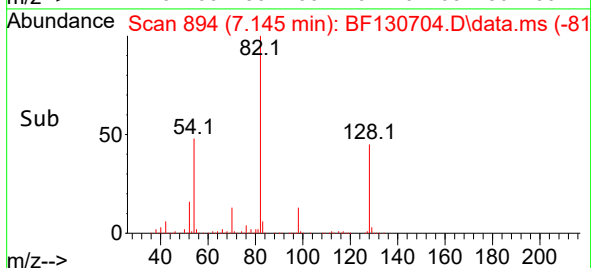
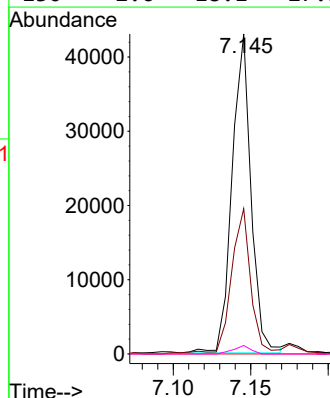
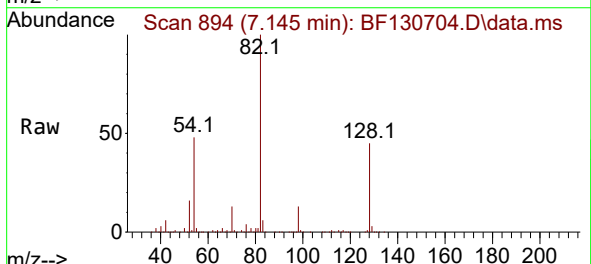
Instrument :
BNA_F
ClientSampleId :
BU-02-101722

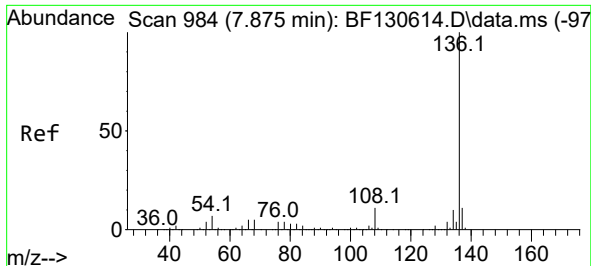
Tgt Ion: 99 Resp: 448066
Ion Ratio Lower Upper
99 100
42 17.6 14.0 21.0
71 37.1 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 14.128 ng
RT: 7.145 min Scan# 894
Delta R.T. 0.141 min
Lab File: BF130704.D
Acq: 18 Oct 2022 18:20

Tgt Ion: 70 Resp: 36394
Ion Ratio Lower Upper
70 100
42 45.4 44.3 66.5
101 0.0 7.9 11.9#
130 2.6 18.1 27.1#

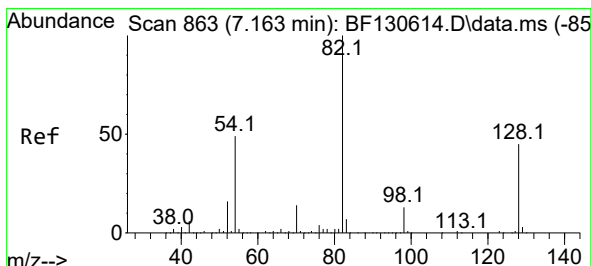
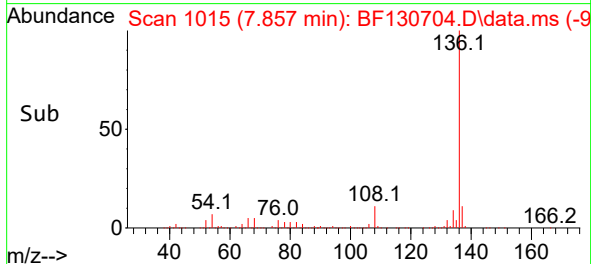
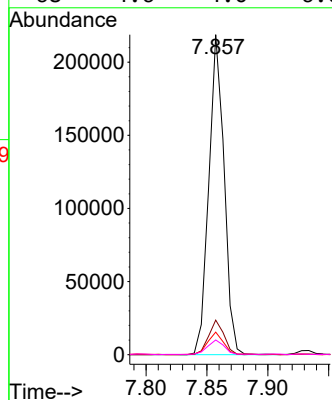
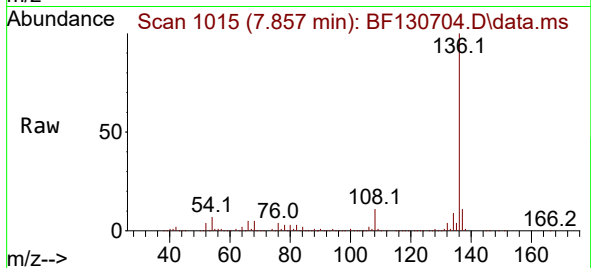




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.857 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BF130704.D
Acq: 18 Oct 2022 18:20

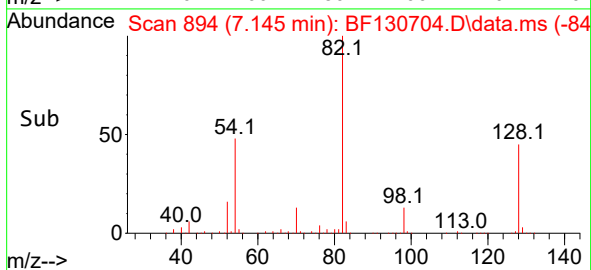
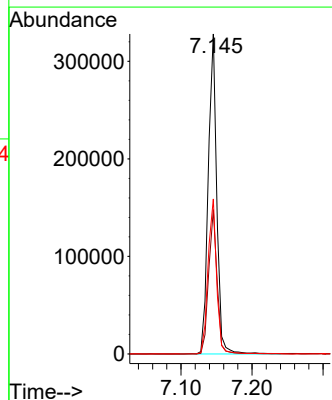
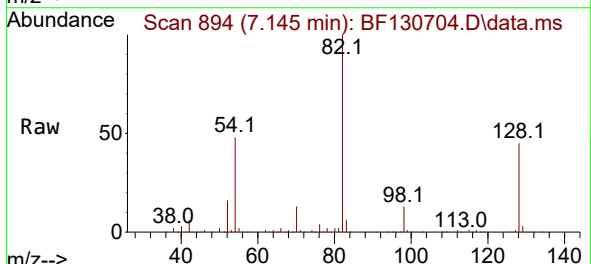
Instrument :
BNA_F
ClientSampleId :
BU-02-101722

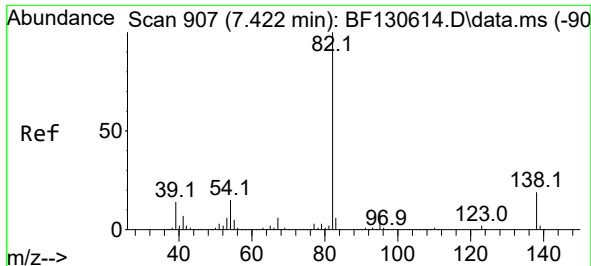
Tgt Ion:	136	Resp:	190786
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	7.1	5.5	8.3
68	4.6	4.0	6.0



#23
Nitrobenzene-d5
Concen: 78.296 ng
RT: 7.145 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF130704.D
Acq: 18 Oct 2022 18:20

Tgt Ion:	82	Resp:	273634
Ion	Ratio	Lower	Upper
82	100		
128	45.1	35.8	53.6
54	48.4	39.3	58.9

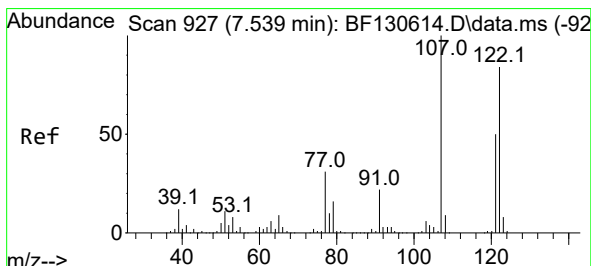
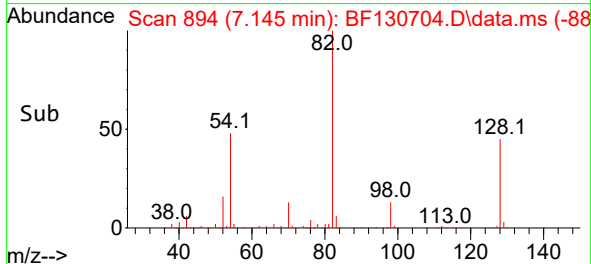
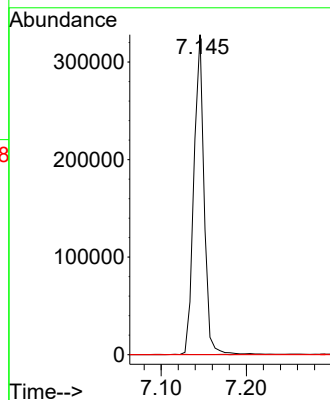
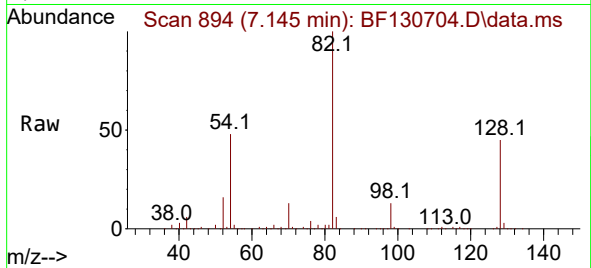




#25
Isophorone
Concen: 46.790 ng
RT: 7.145 min Scan# 894
Delta R.T. -0.265 min
Lab File: BF130704.D
Acq: 18 Oct 2022 18:20

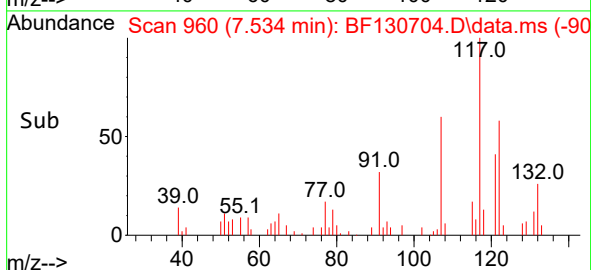
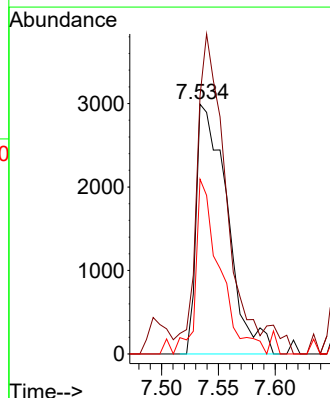
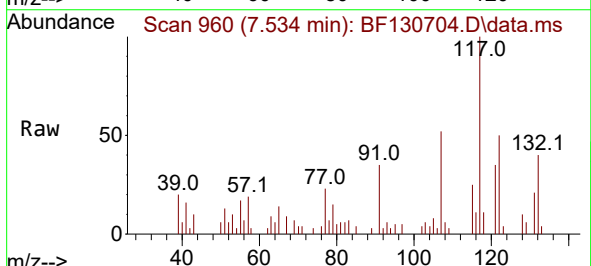
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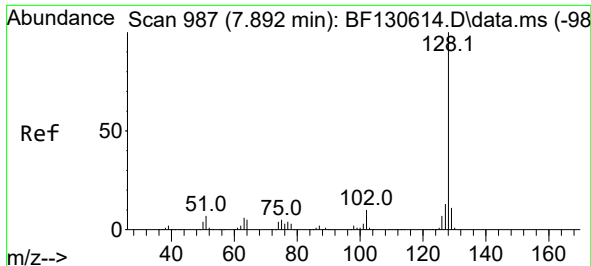
Tgt Ion: 82 Resp: 272159
Ion Ratio Lower Upper
82 100
95 0.1 6.1 9.1#
138 0.0 14.9 22.3#



#27
2,4-Dimethylphenol
Concen: 2.365 ng
RT: 7.534 min Scan# 960
Delta R.T. 0.000 min
Lab File: BF130704.D
Acq: 18 Oct 2022 18:20

Tgt Ion: 122 Resp: 5681
Ion Ratio Lower Upper
122 100
107 103.3 94.9 142.3
121 70.0 47.1 70.7

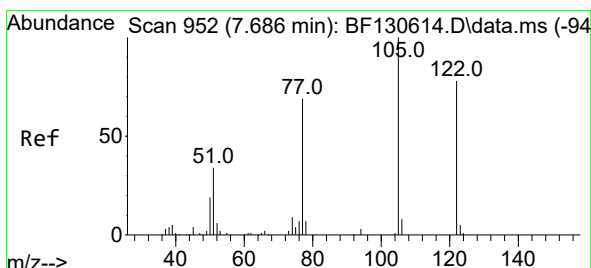
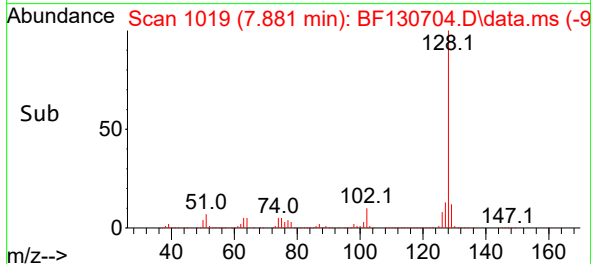
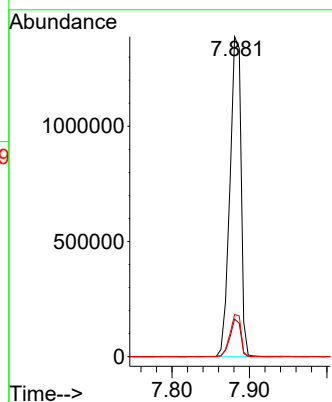
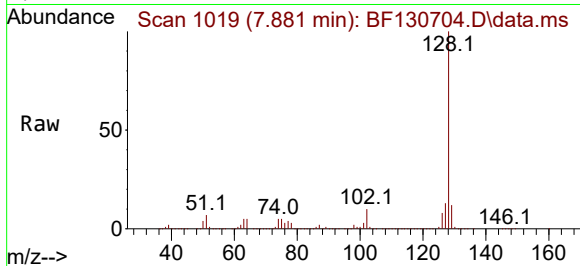




#31
Naphthalene
Concen: 140.409 ng
RT: 7.881 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF130704.D
Acq: 18 Oct 2022 18:20

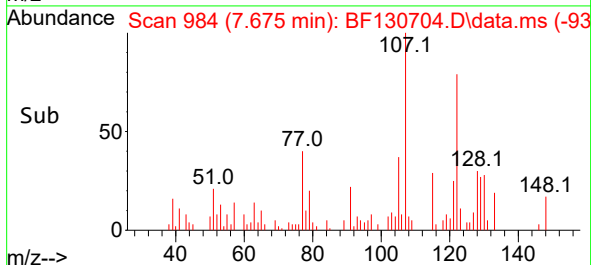
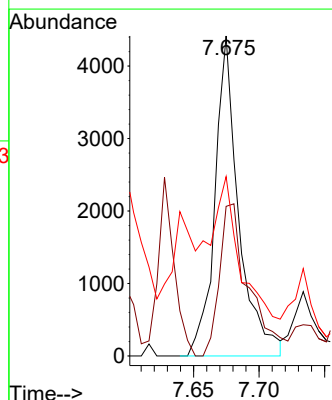
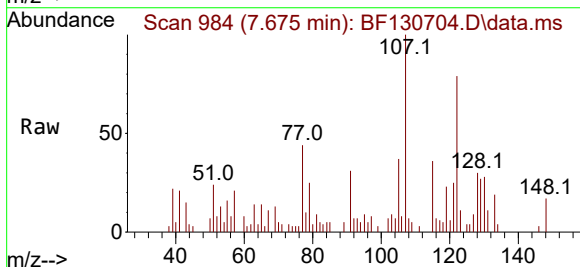
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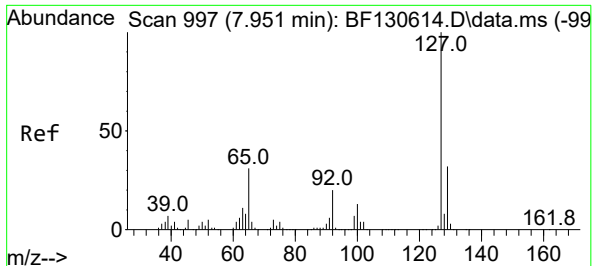
Tgt Ion:128 Resp: 1386671
Ion Ratio Lower Upper
128 100
129 11.8 9.0 13.4
127 13.2 10.3 15.5



#32
Benzoic acid
Concen: 3.667 ng
RT: 7.675 min Scan# 984
Delta R.T. -0.012 min
Lab File: BF130704.D
Acq: 18 Oct 2022 18:20

Tgt Ion:122 Resp: 5573
Ion Ratio Lower Upper
122 100
105 46.8 104.8 144.8#
77 56.0 68.2 108.2#

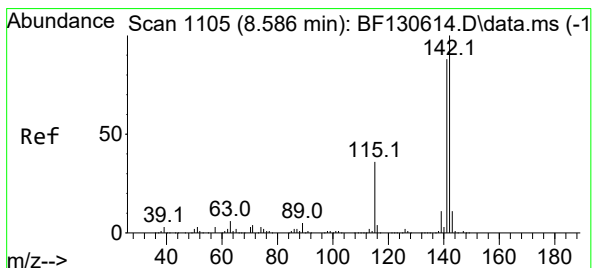
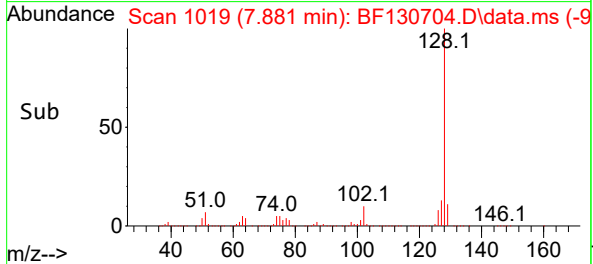
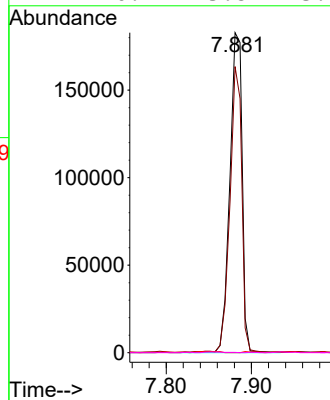
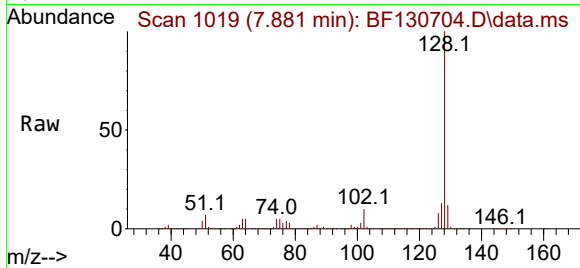




#33
4-Chloroaniline
Concen: 48.078 ng
RT: 7.881 min Scan# 1019
Delta R.T. -0.059 min
Lab File: BF130704.D
Acq: 18 Oct 2022 18:20

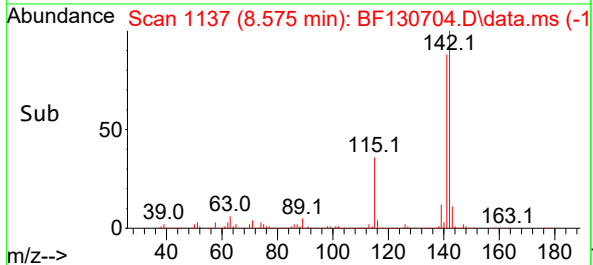
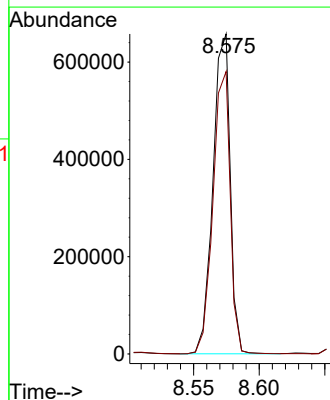
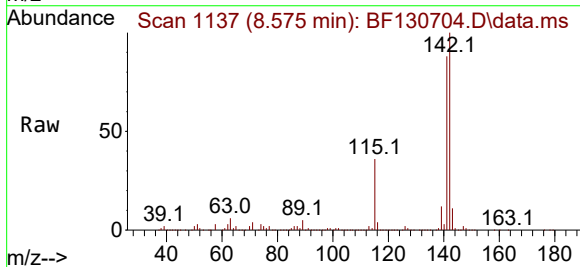
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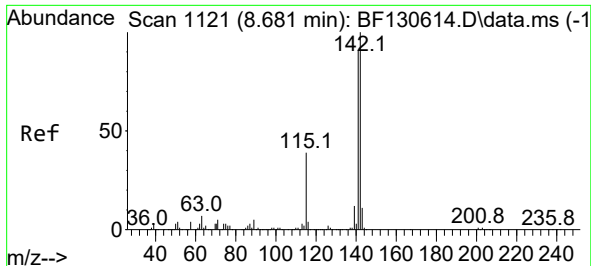
Tgt Ion:127	Resp: 183931
Ion Ratio	Lower Upper
127 100	
129 89.4	25.7 38.5#
65 0.0	24.7 37.1#
92 0.1	15.8 23.8#



#37
2-Methylnaphthalene
Concen: 96.613 ng
RT: 8.575 min Scan# 1137
Delta R.T. 0.006 min
Lab File: BF130704.D
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Tgt Ion:142	Resp: 600446
Ion Ratio	Lower Upper
142 100	
141 88.3	70.7 106.1





#38

1-Methylnaphthalene

Concen: 76.777 ng

RT: 8.669 min Scan# 1121

Delta R.T. 0.000 min

Lab File: BF130704.D

Acq: 18 Oct 2022 18:20

Instrument :

BNA_F

ClientSampleId :

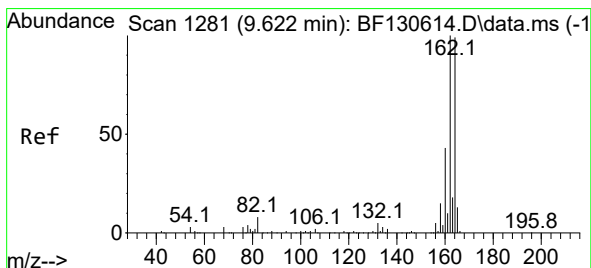
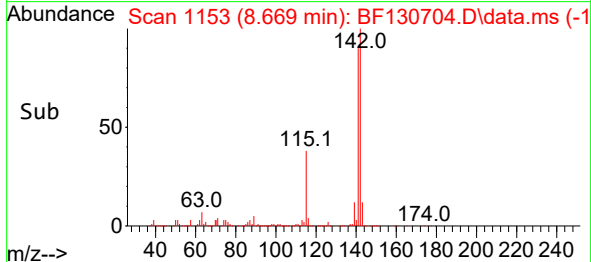
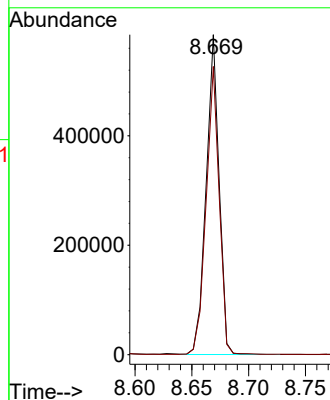
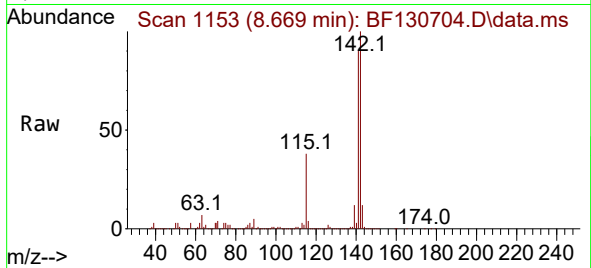
BU-02-101722

Tgt Ion:142 Resp: 463220

Ion Ratio Lower Upper

142 100

141 90.0 72.6 108.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.604 min Scan# 1312

Delta R.T. -0.006 min

Lab File: BF130704.D

Acq: 18 Oct 2022 18:20

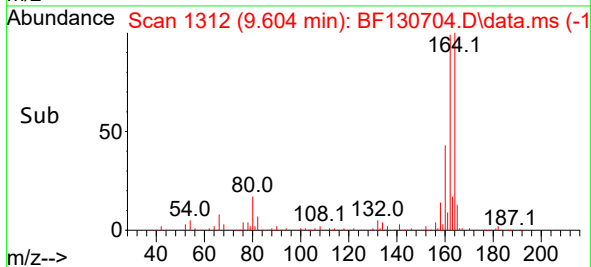
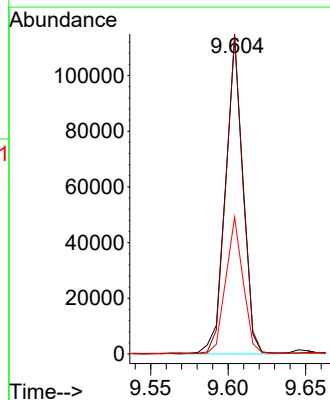
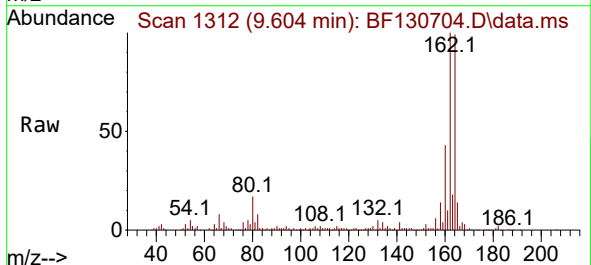
Tgt Ion:164 Resp: 89930

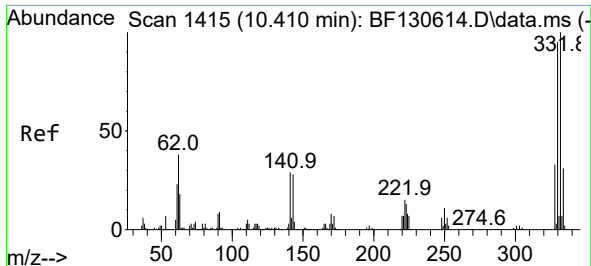
Ion Ratio Lower Upper

164 100

162 101.1 81.0 121.4

160 43.3 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 127.325 ng

RT: 10.398 min Scan# 1415

Delta R.T. 0.000 min

Lab File: BF130704.D

Acq: 18 Oct 2022 18:20

Instrument :

BNA_F

ClientSampleId :

BU-02-101722

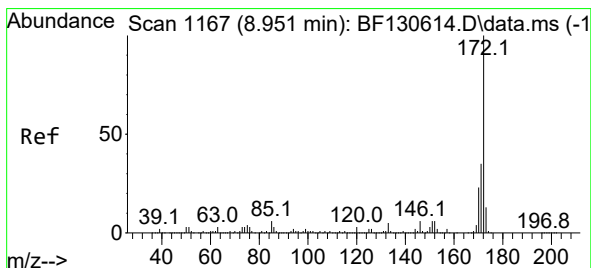
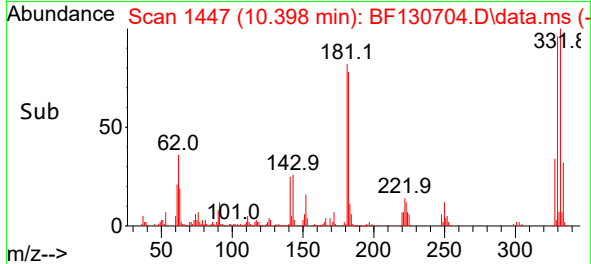
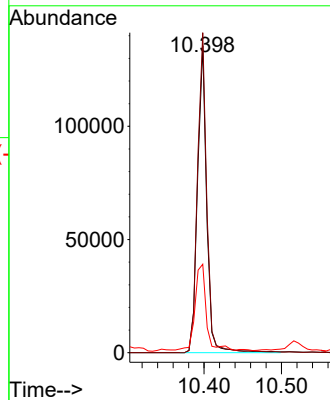
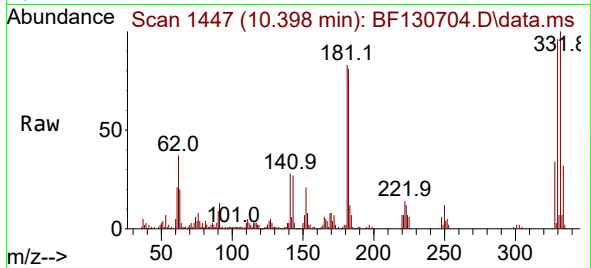
Tgt Ion:330 Resp: 112041

Ion Ratio Lower Upper

330 100

332 105.9 84.2 126.4

141 31.7 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 77.236 ng

RT: 8.934 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF130704.D

Acq: 18 Oct 2022 18:20

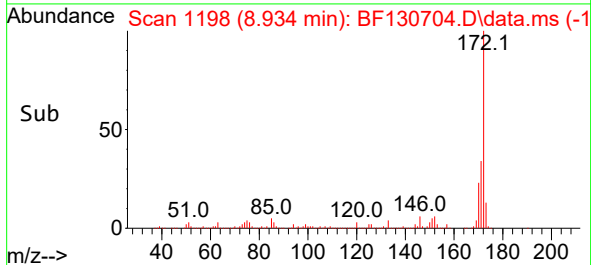
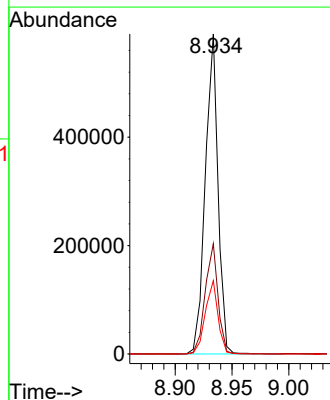
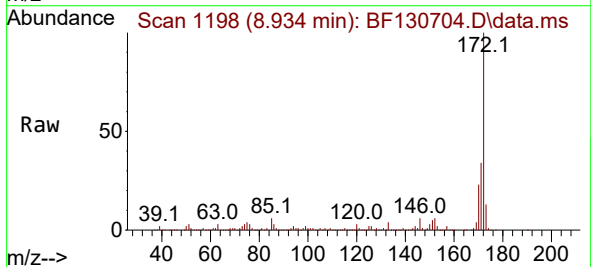
Tgt Ion:172 Resp: 458549

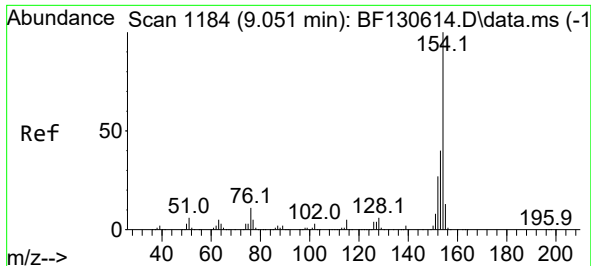
Ion Ratio Lower Upper

172 100

171 34.5 27.8 41.8

170 22.9 18.6 27.8

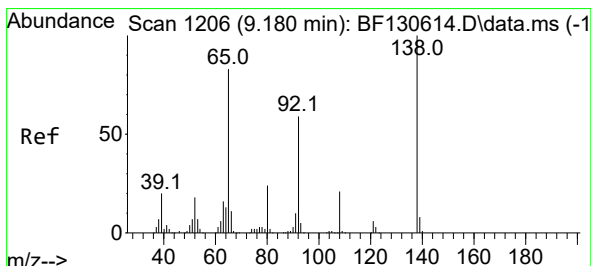
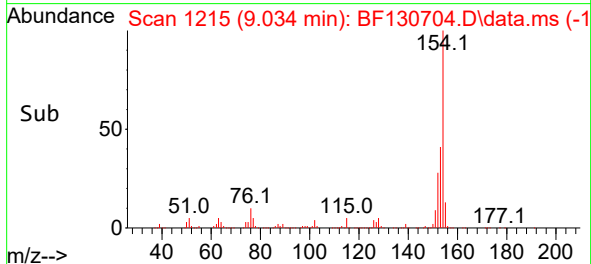
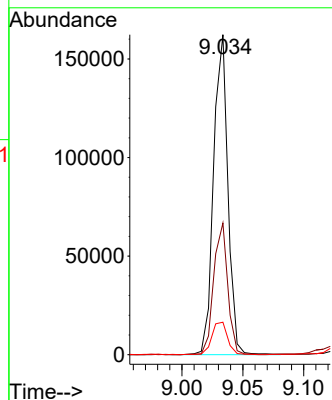
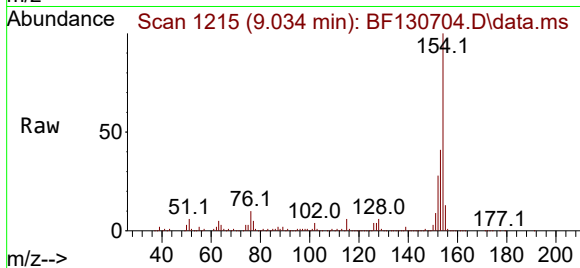




#46
 1,1'-Biphenyl
 Concen: 20.293 ng
 RT: 9.034 min Scan# 1184
 Delta R.T. -0.006 min
 Lab File: BF130704.D
 Acq: 18 Oct 2022 18:20

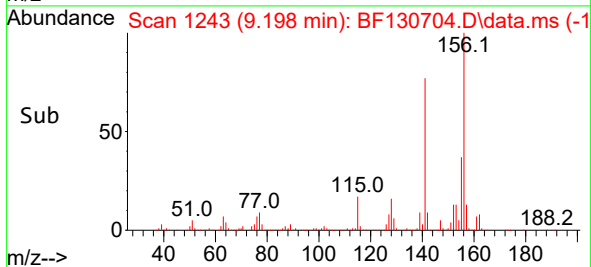
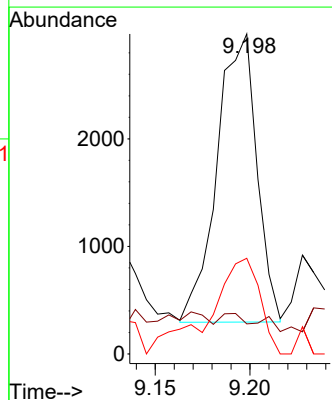
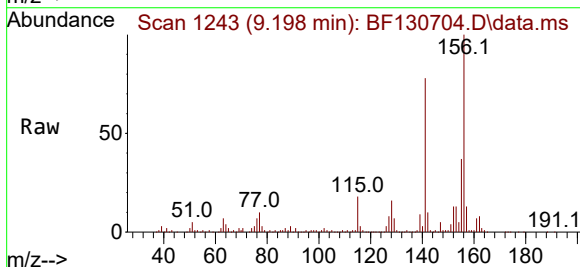
Instrument :
 BNA_F
 ClientSampleId :
 BU-02-101722

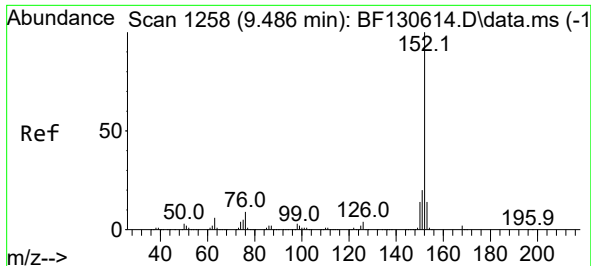
Tgt Ion:154 Resp: 132256
 Ion Ratio Lower Upper
 154 100
 153 41.2 20.0 60.0
 76 10.1 0.0 30.8



#48
 2-Nitroaniline
 Concen: 2.435 ng
 RT: 9.198 min Scan# 1243
 Delta R.T. 0.029 min
 Lab File: BF130704.D
 Acq: 18 Oct 2022 18:20

Tgt Ion: 65 Resp: 3904
 Ion Ratio Lower Upper
 65 100
 92 9.4 57.4 86.0#
 138 29.9 96.7 145.1#





#49

Acenaphthylene

Concen: 29.608 ng

RT: 9.469 min Scan# 1289

Delta R.T. 0.000 min

Lab File: BF130704.D

Acq: 18 Oct 2022 18:20

Instrument :

BNA_F

ClientSampleId :

BU-02-101722

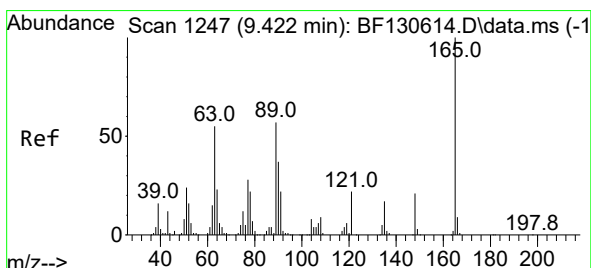
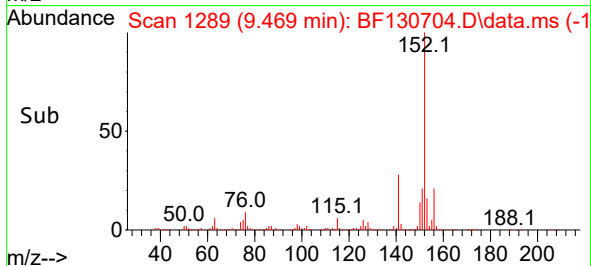
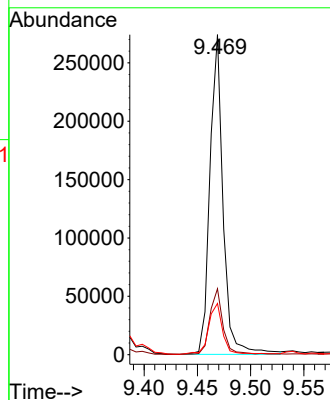
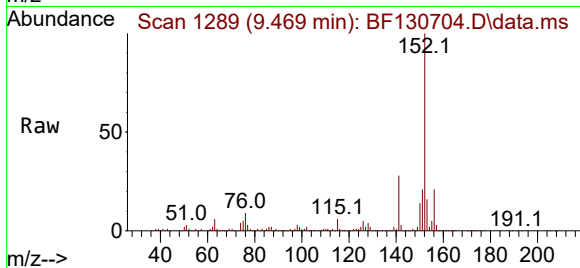
Tgt Ion:152 Resp: 236306

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.2

153 16.0 10.8 16.2



#51

2,6-Dinitrotoluene

Concen: 2.376 ng

RT: 9.304 min Scan# 1261

Delta R.T. -0.106 min

Lab File: BF130704.D

Acq: 18 Oct 2022 18:20

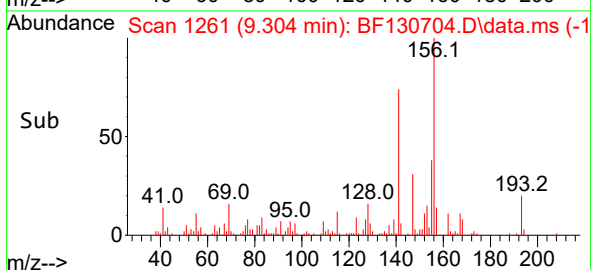
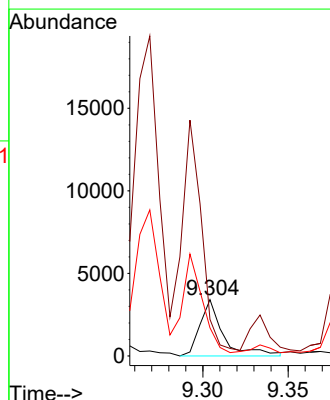
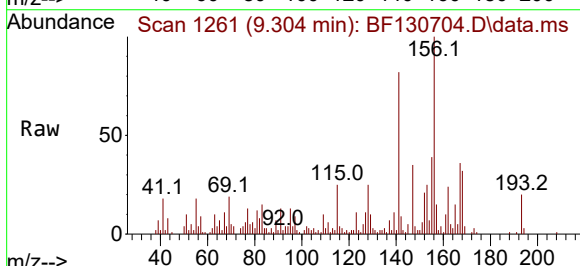
Tgt Ion:165 Resp: 3244

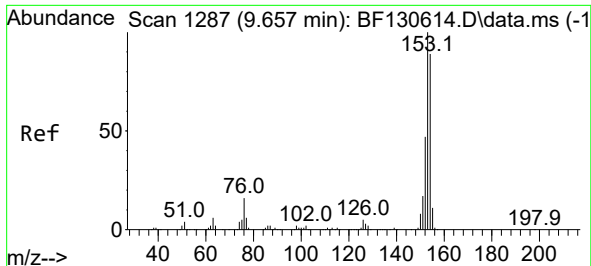
Ion Ratio Lower Upper

165 100

63 64.9 45.3 67.9

89 49.9 45.6 68.4

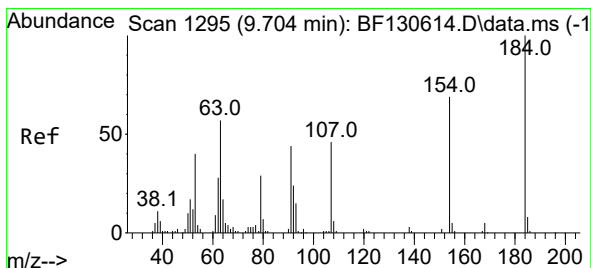
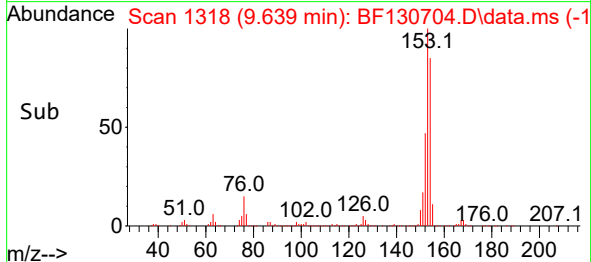
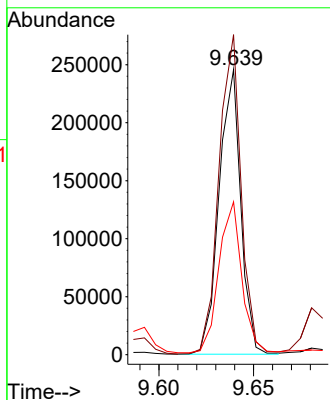
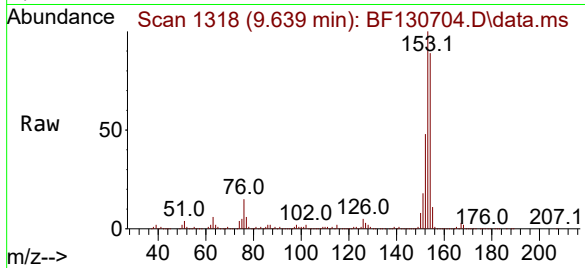




#52
Acenaphthene
Concen: 40.319 ng
RT: 9.639 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130704.D
Acq: 18 Oct 2022 18:20

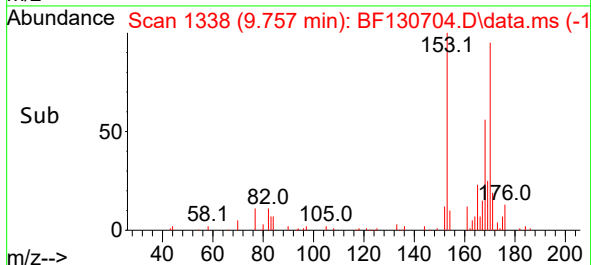
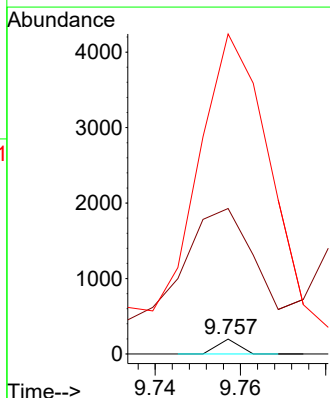
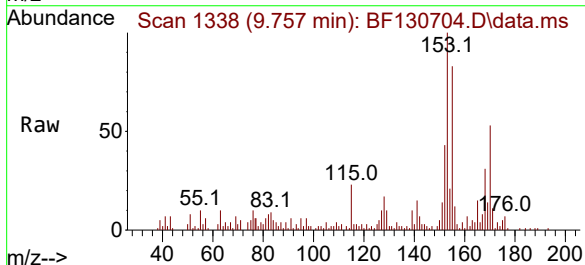
Instrument :
BNA_F
ClientSampleId :
BU-02-101722

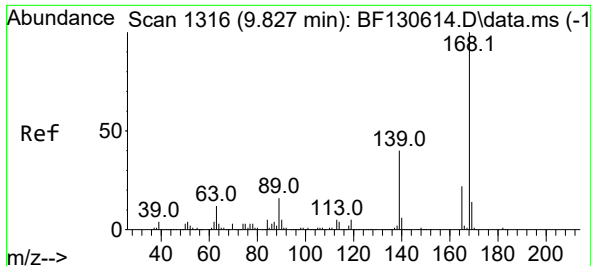
Tgt Ion:154 Resp: 194962
Ion Ratio Lower Upper
154 100
153 112.2 89.6 134.4
152 53.6 42.4 63.6



#54
2,4-Dinitrophenol
Concen: 5.066 ng
RT: 9.757 min Scan# 1338
Delta R.T. 0.059 min
Lab File: BF130704.D
Acq: 18 Oct 2022 18:20

Tgt Ion:184 Resp: 69
Ion Ratio Lower Upper
184 100
63 978.2 45.5 68.3#
154 2152.8 55.1 82.7#

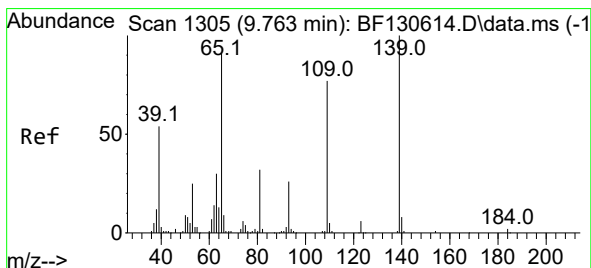
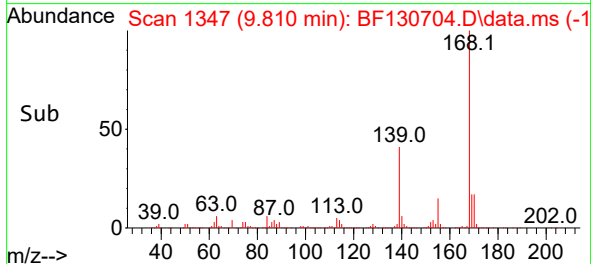
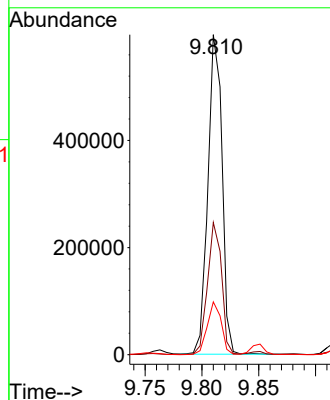
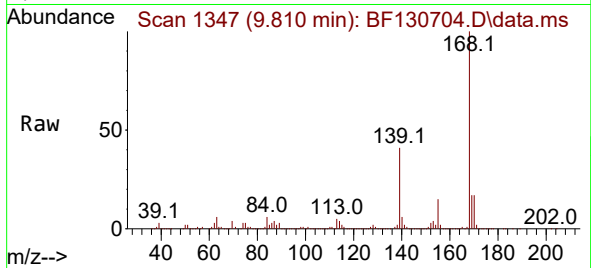




#55
Dibenzenofuran
Concen: 70.069 ng
RT: 9.810 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF130704.D
Acq: 18 Oct 2022 18:20

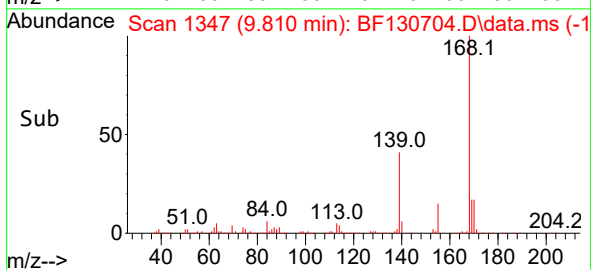
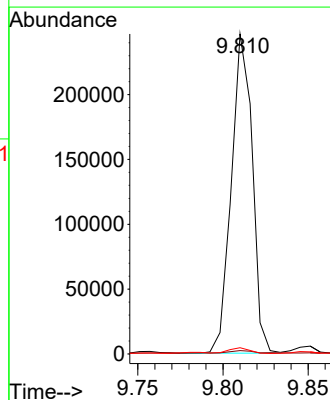
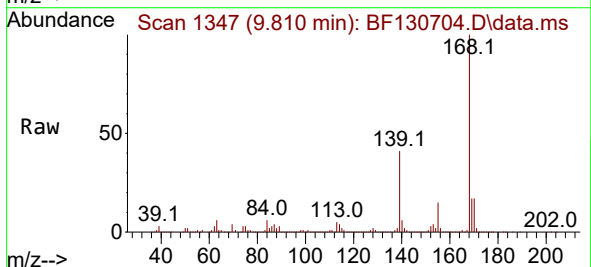
Instrument :
BNA_F
ClientSampleId :
BU-02-101722

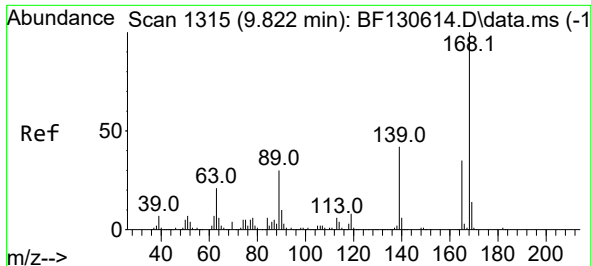
Tgt Ion:168 Resp: 516151
Ion Ratio Lower Upper
168 100
139 41.3 33.0 49.4
169 16.5 10.9 16.3#



#56
4-Nitrophenol
Concen: 255.113 ng
RT: 9.810 min Scan# 1347
Delta R.T. 0.053 min
Lab File: BF130704.D
Acq: 18 Oct 2022 18:20

Tgt Ion:139 Resp: 210552
Ion Ratio Lower Upper
139 100
109 1.1 57.4 97.4#
65 1.9 71.3 111.3#

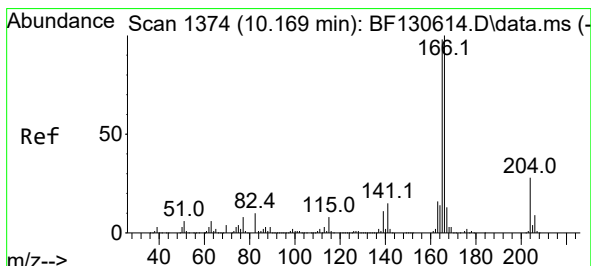
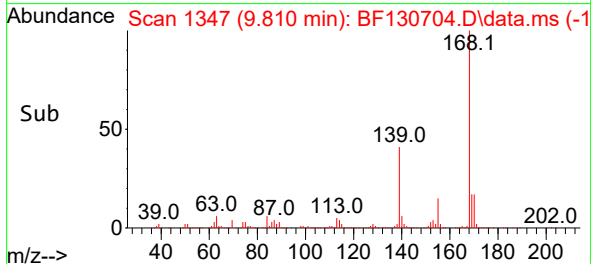
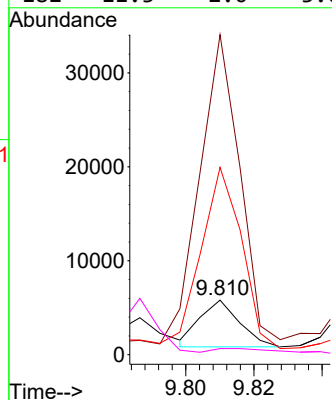
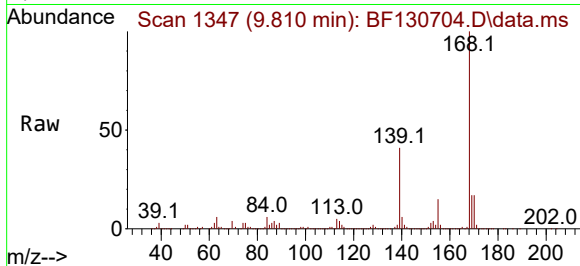




#57
2,4-Dinitrotoluene
Concen: 2.285 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130704.D
Acq: 18 Oct 2022 18:20

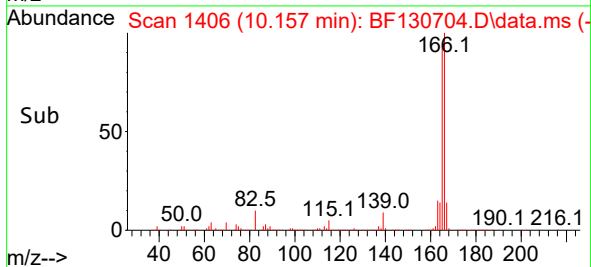
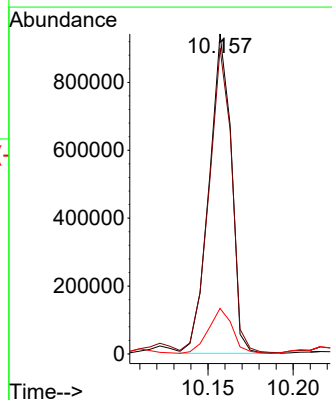
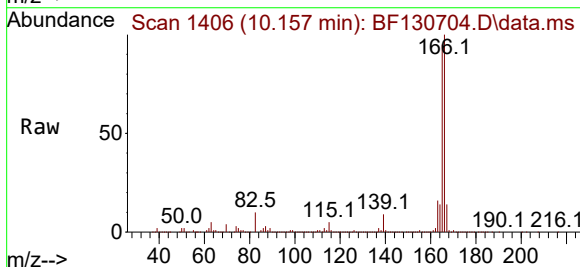
Instrument :
BNA_F
ClientSampleId :
BU-02-101722

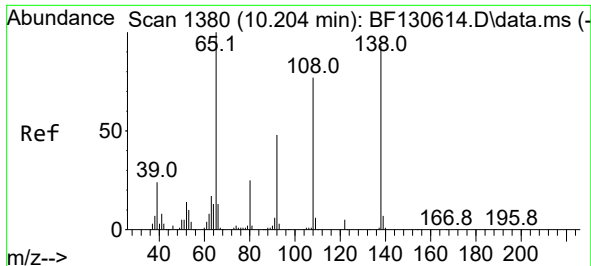
Tgt Ion:165 Resp: 4010
Ion Ratio Lower Upper
165 100
63 586.2 50.6 76.0#
89 343.3 68.6 102.8#
182 11.3 2.0 3.0#



#58
Fluorene
Concen: 140.935 ng
RT: 10.157 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF130704.D
Acq: 18 Oct 2022 18:20

Tgt Ion:166 Resp: 853512
Ion Ratio Lower Upper
166 100
165 95.5 78.2 117.4
167 14.3 10.8 16.2

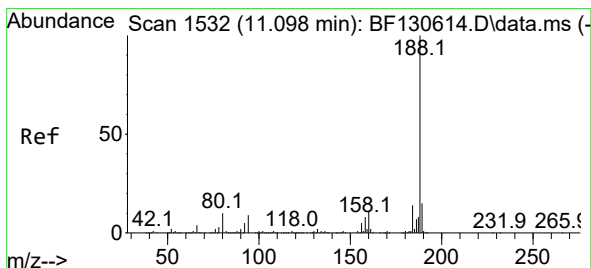
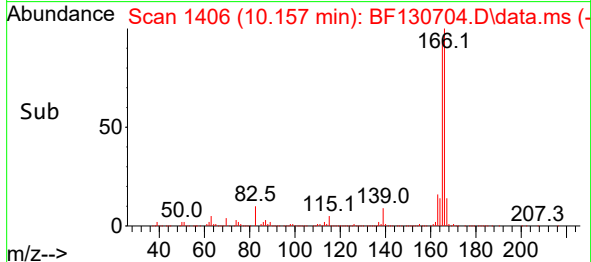
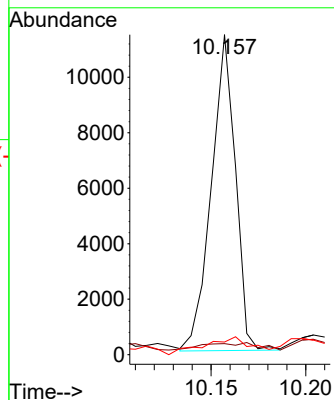
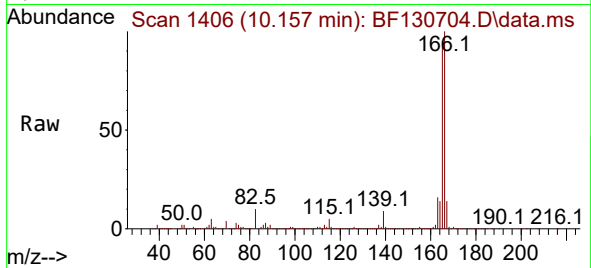




#62
4-Nitroaniline
Concen: 7.056 ng
RT: 10.157 min Scan# 1406
Delta R.T. -0.035 min
Lab File: BF130704.D
Acq: 18 Oct 2022 18:20

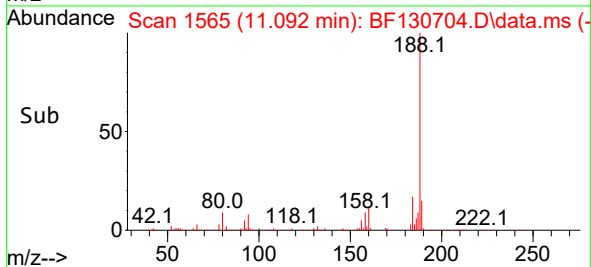
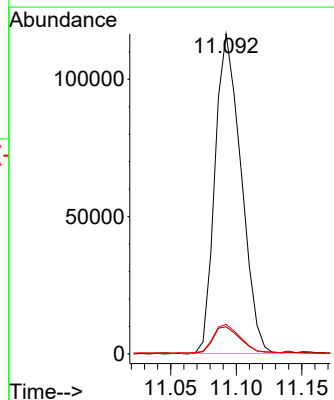
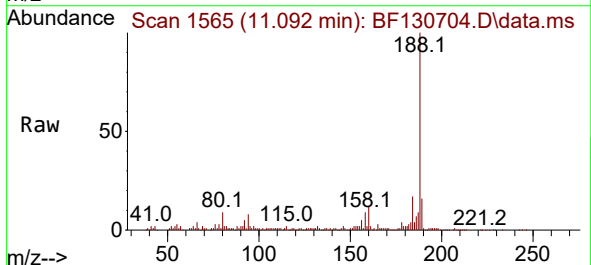
Instrument :
BNA_F
ClientSampleId :
BU-02-101722

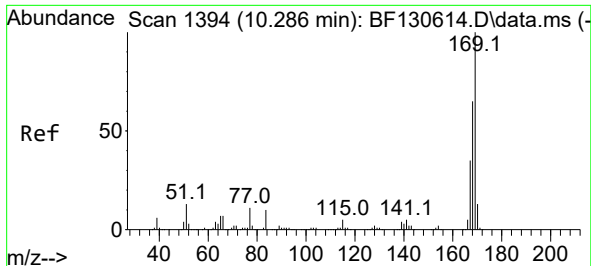
Tgt Ion:138 Resp: 10084
Ion Ratio Lower Upper
138 100
92 3.5 31.1 71.1#
108 3.9 62.1 102.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.092 min Scan# 1565
Delta R.T. 0.006 min
Lab File: BF130704.D
Acq: 18 Oct 2022 18:20

Tgt Ion:188 Resp: 160686
Ion Ratio Lower Upper
188 100
94 8.5 7.4 11.2
80 9.3 8.0 12.0

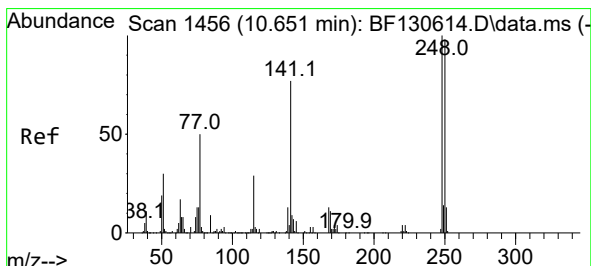
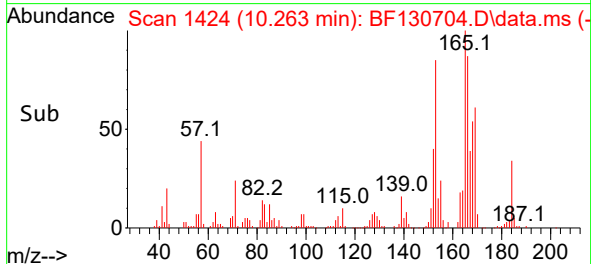
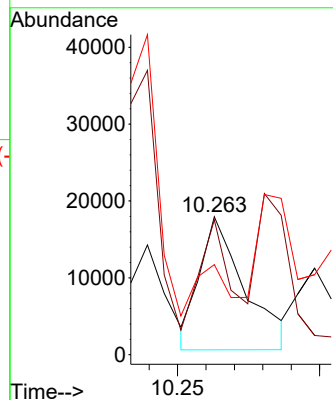
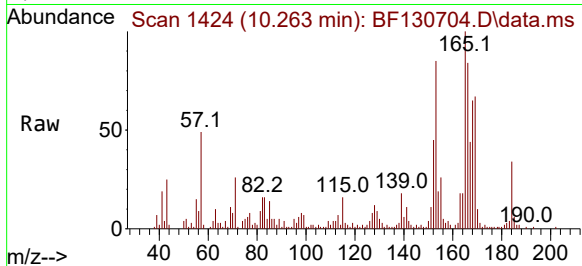




#66
n-Nitrosodiphenylamine
Concen: 3.565 ng
RT: 10.263 min Scan# 1447
Delta R.T. -0.012 min
Lab File: BF130704.D
Acq: 18 Oct 2022 18:20

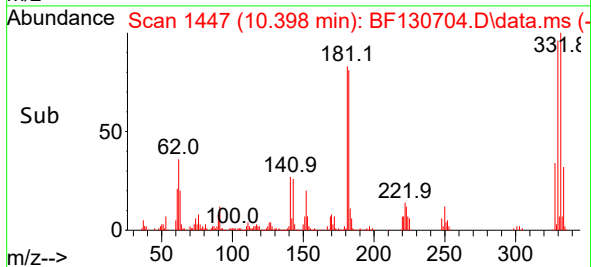
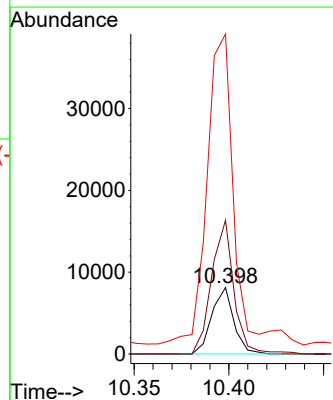
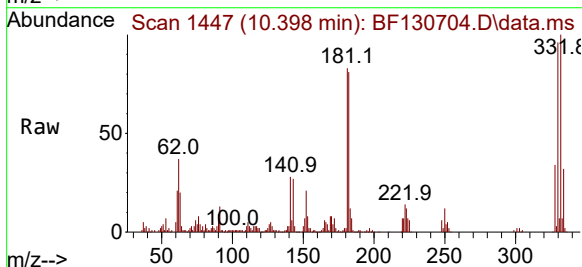
Instrument :
BNA_F
ClientSampleId :
BU-02-101722

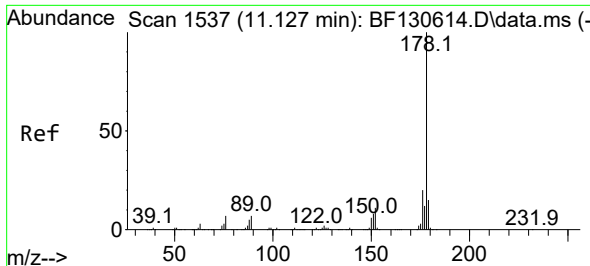
Tgt Ion:169 Resp: 19057
Ion Ratio Lower Upper
169 100
168 97.7 52.2 78.4#
167 65.4 28.3 42.5#



#67
4-Bromophenyl-phenylether
Concen: 3.615 ng
RT: 10.398 min Scan# 1447
Delta R.T. -0.241 min
Lab File: BF130704.D
Acq: 18 Oct 2022 18:20

Tgt Ion:248 Resp: 6573
Ion Ratio Lower Upper
248 100
250 201.4 78.7 118.1#
141 481.9 61.6 92.4#

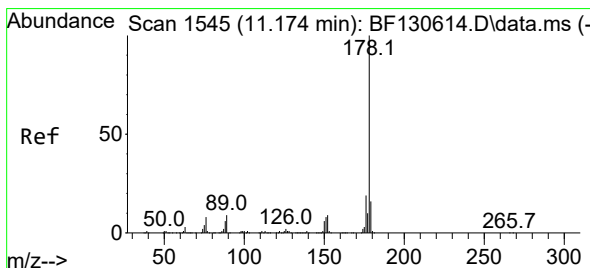
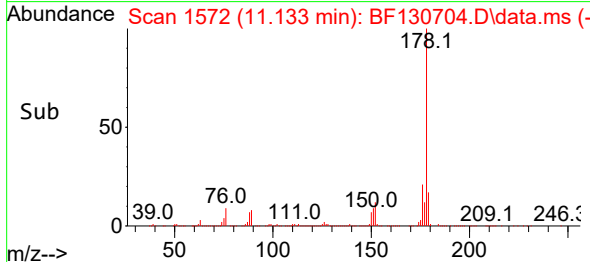
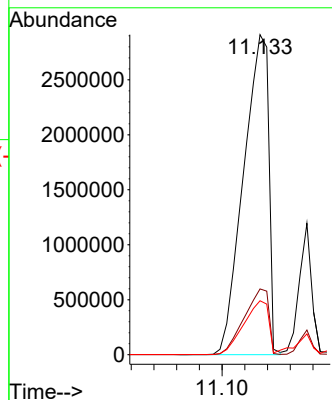
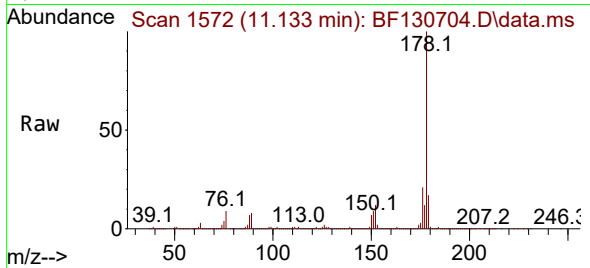




#71
Phenanthrene
Concen: 501.830 ng
RT: 11.133 min Scan# 1572
Delta R.T. 0.024 min
Lab File: BF130704.D
Acq: 18 Oct 2022 18:20

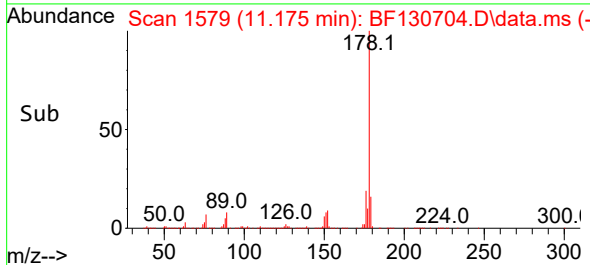
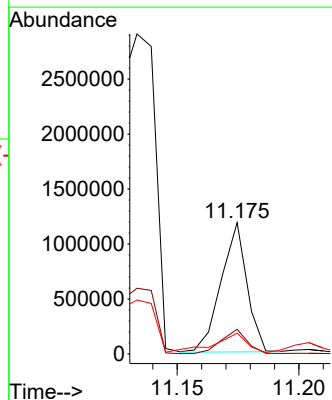
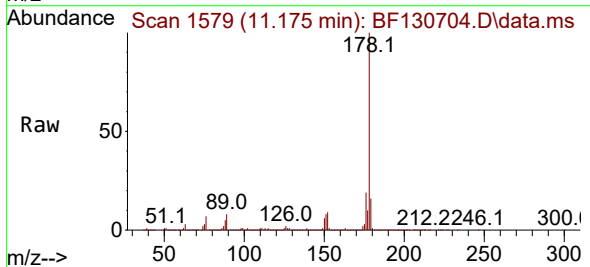
Instrument :
BNA_F
ClientSampleId :
BU-02-101722

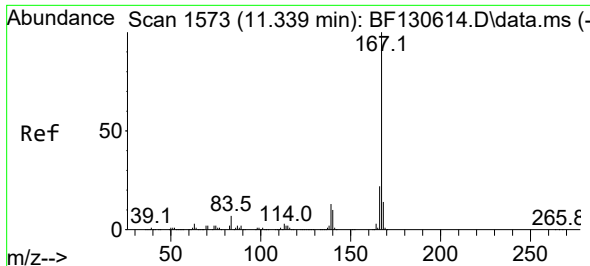
Tgt Ion:178 Resp: 4467581
Ion Ratio Lower Upper
178 100
176 20.6 15.7 23.5
179 16.9 12.2 18.4



#72
Anthracene
Concen: 100.463 ng
RT: 11.175 min Scan# 1579
Delta R.T. 0.012 min
Lab File: BF130704.D
Acq: 18 Oct 2022 18:20

Tgt Ion:178 Resp: 873491
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.8 12.5 18.7

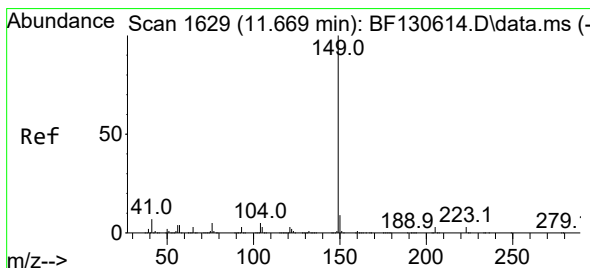
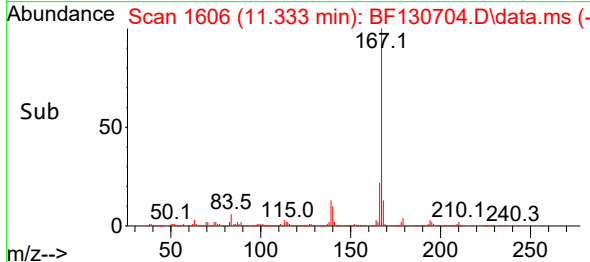
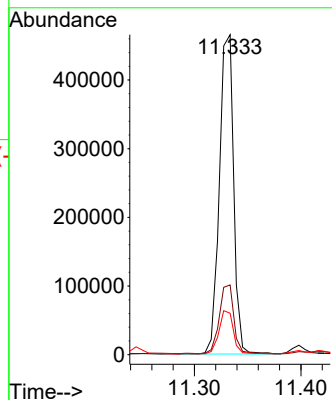
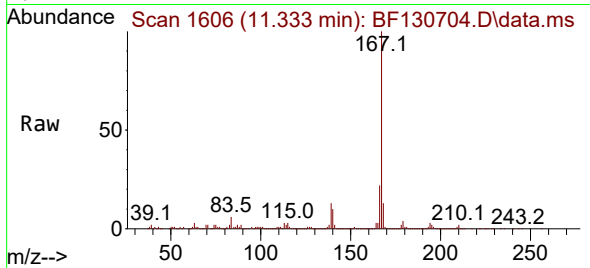




#73
 Carbazole
 Concen: 55.515 ng
 RT: 11.333 min Scan# 1
 Delta R.T. 0.006 min
 Lab File: BF130704.D
 Acq: 18 Oct 2022 18:20

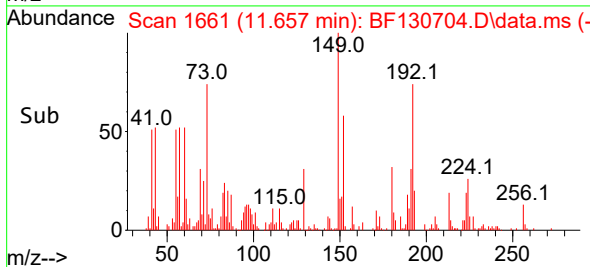
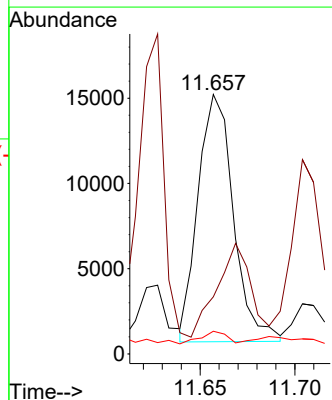
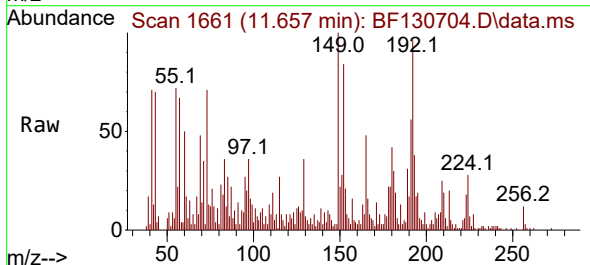
Instrument :
 BNA_F
 ClientSampleId :
 BU-02-101722

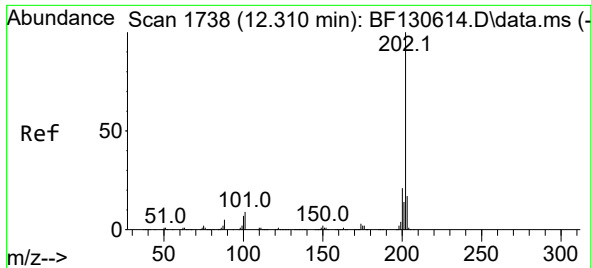
Tgt Ion:167 Resp: 430702
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.3 25.9
 139 12.9 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 2.006 ng
 RT: 11.657 min Scan# 1661
 Delta R.T. 0.000 min
 Lab File: BF130704.D
 Acq: 18 Oct 2022 18:20

Tgt Ion:149 Resp: 18850
 Ion Ratio Lower Upper
 149 100
 150 22.0 7.5 11.3#
 104 8.8 4.2 6.2#

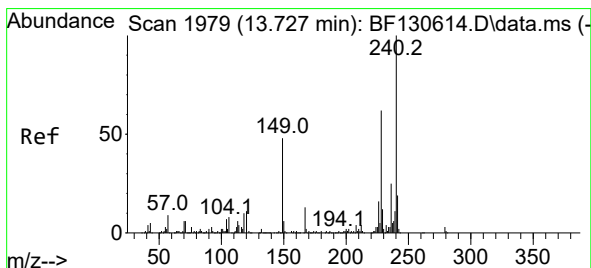
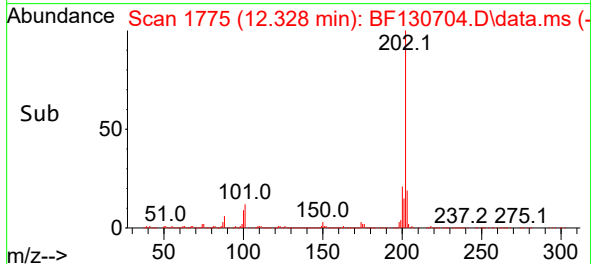
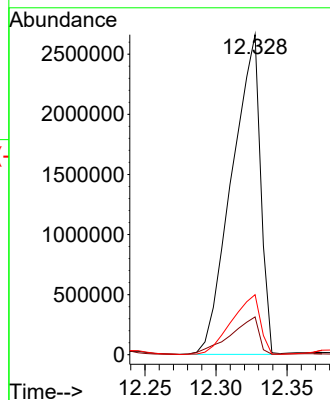
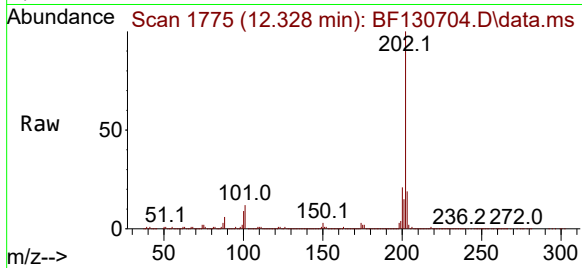




#75
Fluoranthene
Concen: 435.100 ng
RT: 12.328 min Scan# 11
Delta R.T. 0.029 min
Lab File: BF130704.D
Acq: 18 Oct 2022 18:20

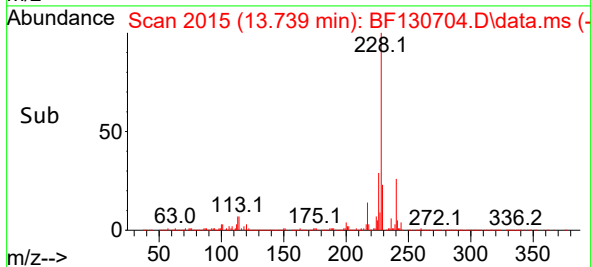
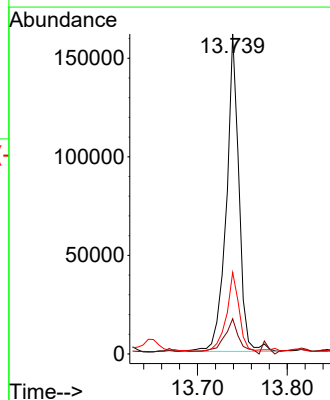
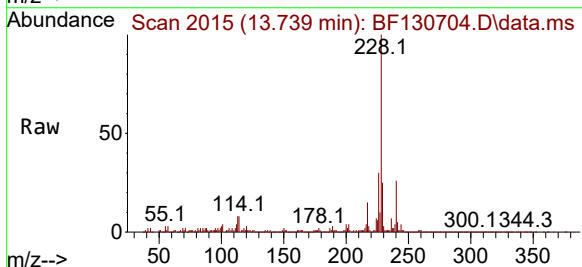
Instrument :
BNA_F
ClientSampleId :
BU-02-101722

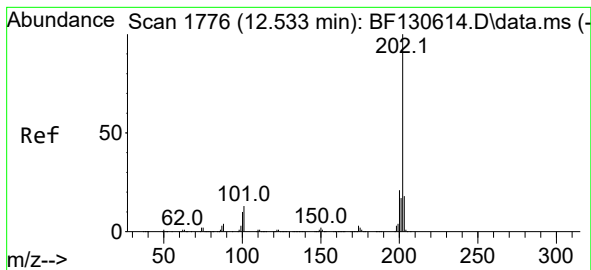
Tgt Ion:202 Resp: 3722833
Ion Ratio Lower Upper
202 100
101 11.8 0.0 29.1
203 18.7 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.739 min Scan# 2015
Delta R.T. 0.018 min
Lab File: BF130704.D
Acq: 18 Oct 2022 18:20

Tgt Ion:240 Resp: 157360
Ion Ratio Lower Upper
240 100
120 11.0 8.6 13.0
236 25.5 20.2 30.4





#78

Pyrene

Concen: 254.093 ng

RT: 12.557 min Scan# 1814

Delta R.T. 0.035 min

Lab File: BF130704.D

Acq: 18 Oct 2022 18:20

Instrument :

BNA_F

ClientSampleId :

BU-02-101722

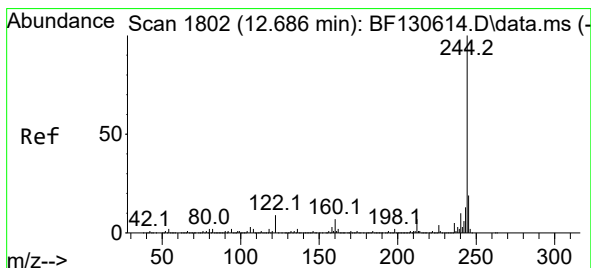
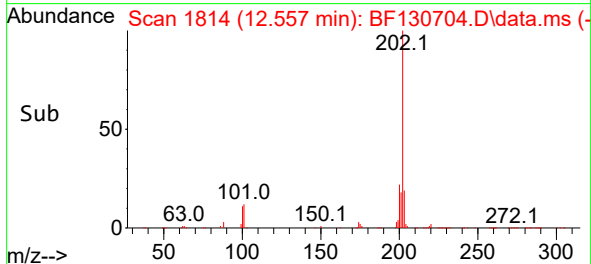
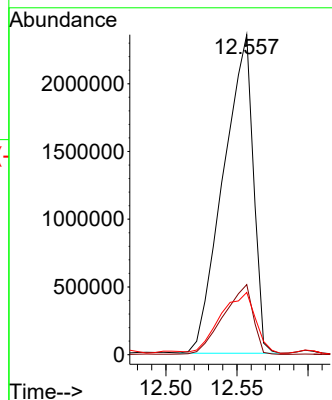
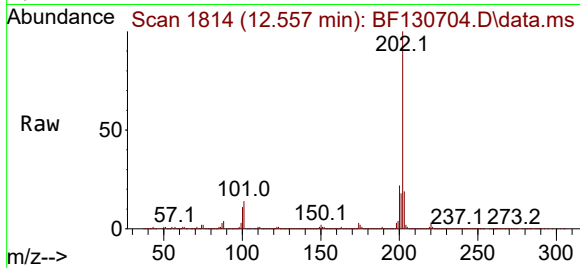
Tgt Ion:202 Resp: 3449452

Ion Ratio Lower Upper

202 100

200 21.9 16.7 25.1

203 19.5 14.0 21.0



#79

Terphenyl-d14

Concen: 64.487 ng

RT: 12.686 min Scan# 1836

Delta R.T. 0.012 min

Lab File: BF130704.D

Acq: 18 Oct 2022 18:20

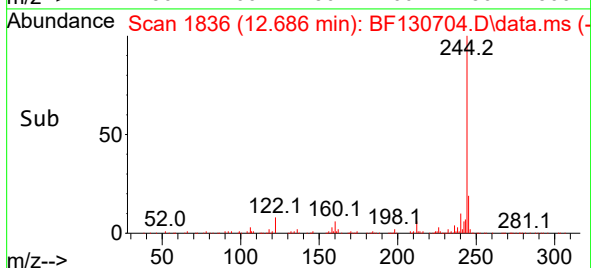
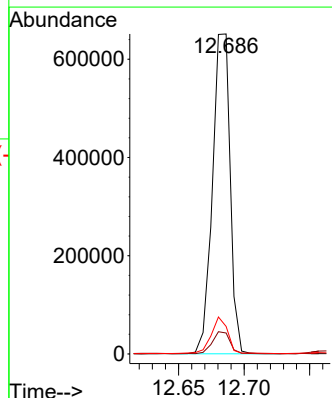
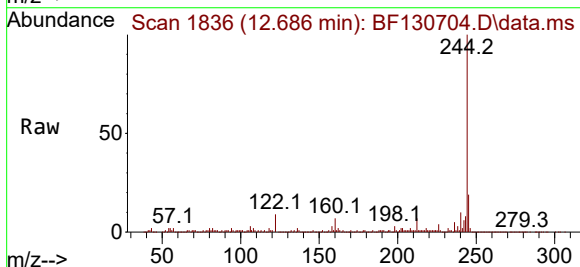
Tgt Ion:244 Resp: 611401

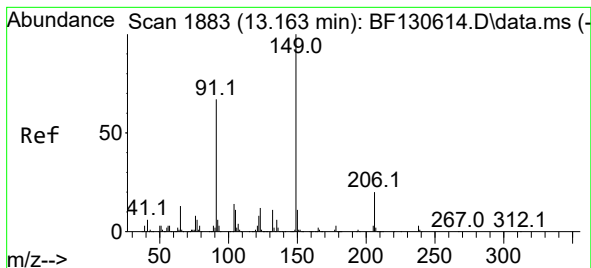
Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

122 8.6 7.5 11.3





#80

Butylbenzylphthalate

Concen: 3.734 ng

RT: 13.157 min Scan# 10

Delta R.T. 0.006 min

Lab File: BF130704.D

Acq: 18 Oct 2022 18:20

Instrument :

BNA_F

ClientSampleId :

BU-02-101722

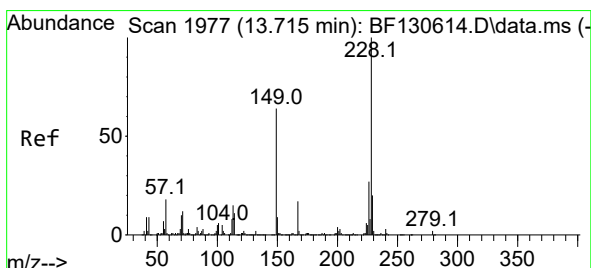
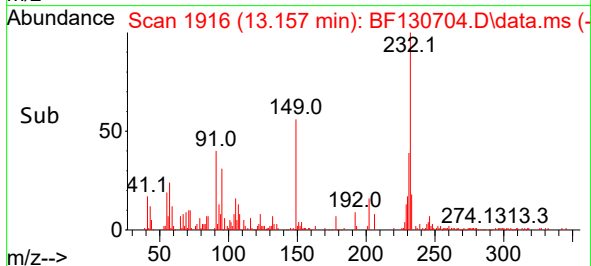
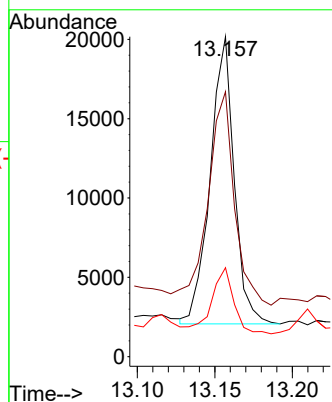
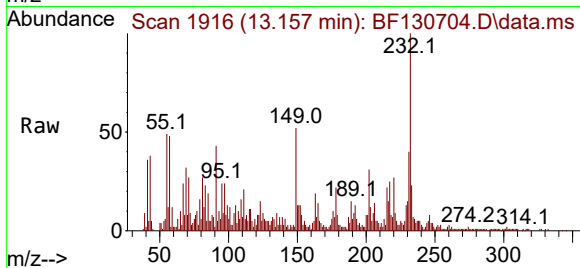
Tgt Ion:149 Resp: 19493

Ion Ratio Lower Upper

149 100

91 82.8 53.8 80.8#

206 27.8 15.8 23.6#



#81

Benzo(a)anthracene

Concen: 158.925 ng

RT: 13.733 min Scan# 2014

Delta R.T. 0.024 min

Lab File: BF130704.D

Acq: 18 Oct 2022 18:20

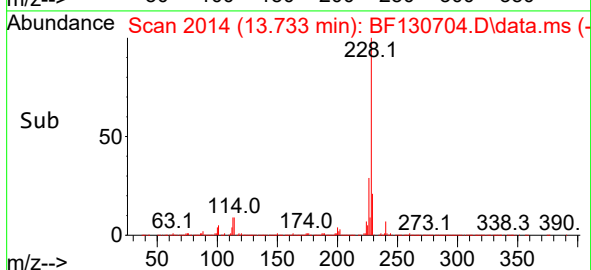
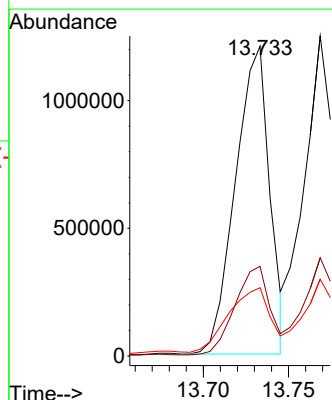
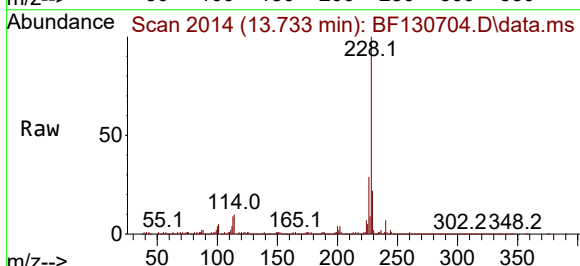
Tgt Ion:228 Resp: 1685106

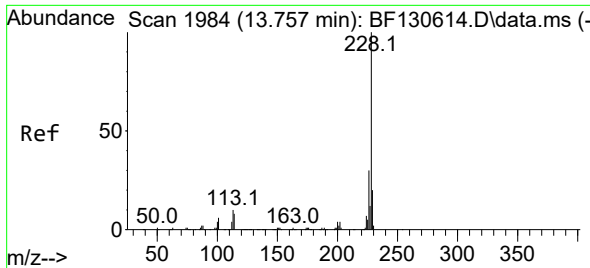
Ion Ratio Lower Upper

228 100

226 28.9 21.4 32.2

229 22.0 15.8 23.8

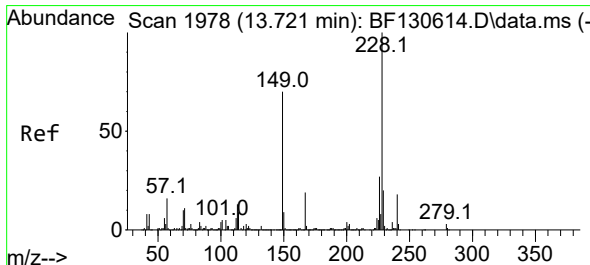
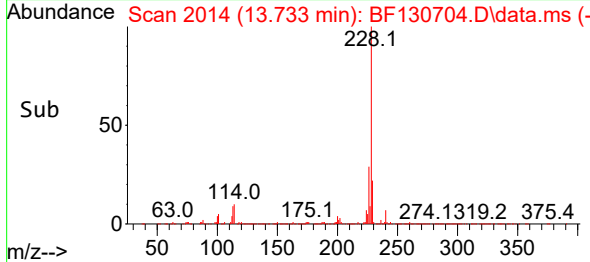
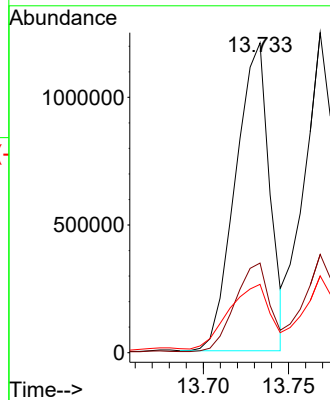
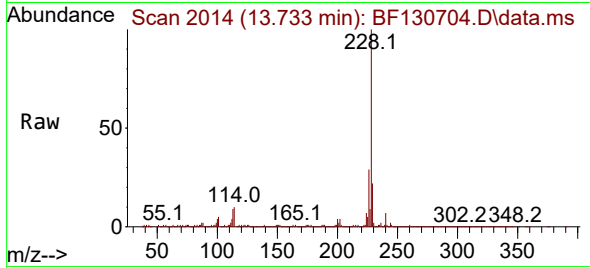




#83
Chrysene
Concen: 167.620 ng
RT: 13.733 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BF130704.D
Acq: 18 Oct 2022 18:20

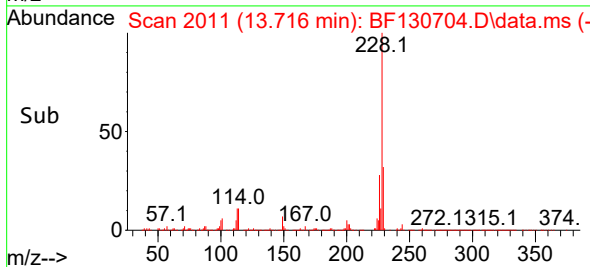
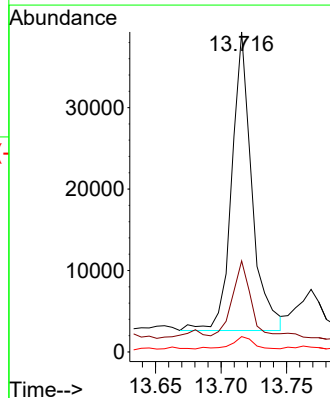
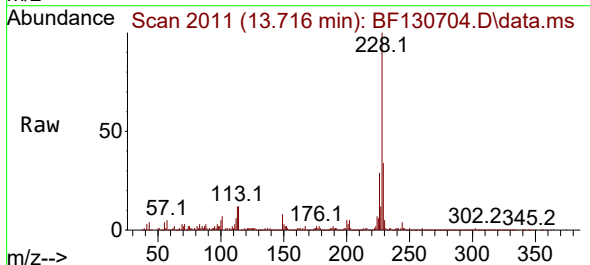
Instrument :
BNA_F
ClientSampleId :
BU-02-101722

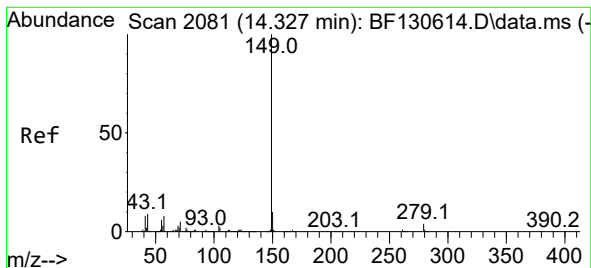
Tgt Ion:228 Resp: 1685106
Ion Ratio Lower Upper
228 100
226 28.9 23.9 35.9
229 22.0 15.9 23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 6.196 ng
RT: 13.716 min Scan# 2011
Delta R.T. 0.006 min
Lab File: BF130704.D
Acq: 18 Oct 2022 18:20

Tgt Ion:149 Resp: 39212
Ion Ratio Lower Upper
149 100
167 28.4 21.9 32.9
279 4.8 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 4.911 ng

RT: 14.327 min Scan# 2115

Delta R.T. 0.012 min

Lab File: BF130704.D

Acq: 18 Oct 2022 18:20

Instrument :

BNA_F

ClientSampleId :

BU-02-101722

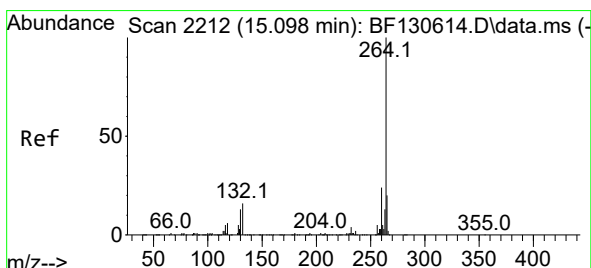
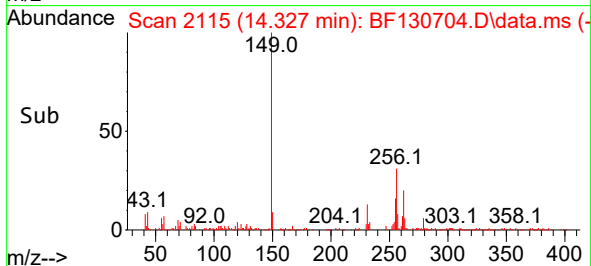
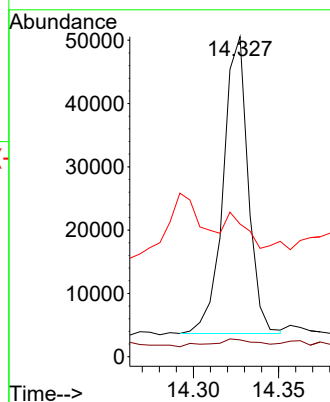
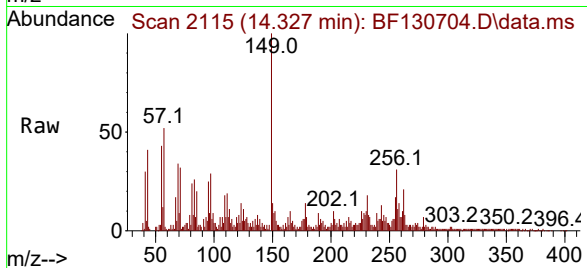
Tgt Ion:149 Resp: 47600

Ion Ratio Lower Upper

149 100

167 4.5 1.2 1.8#

43 9.3 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.116 min Scan# 2249

Delta R.T. 0.029 min

Lab File: BF130704.D

Acq: 18 Oct 2022 18:20

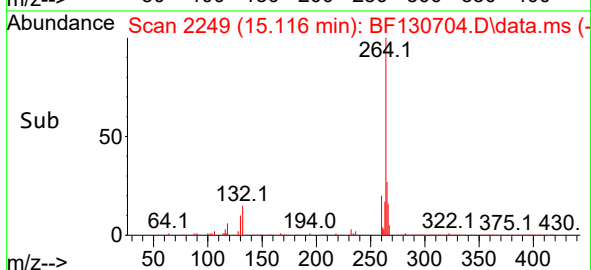
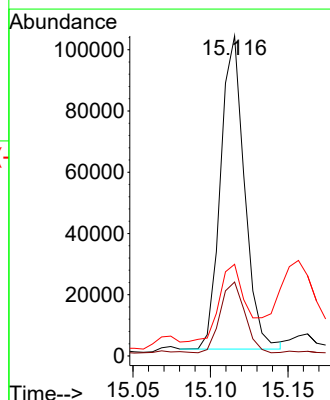
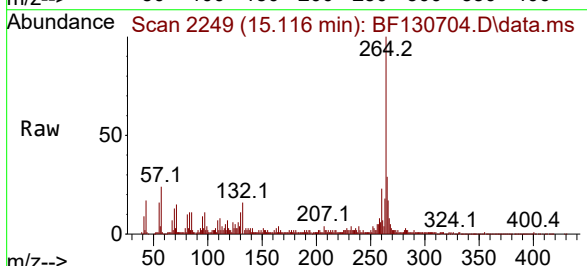
Tgt Ion:264 Resp: 109894

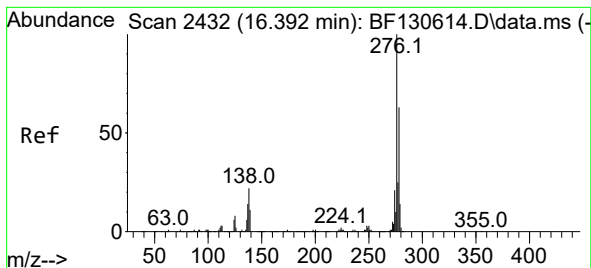
Ion Ratio Lower Upper

264 100

260 23.1 19.1 28.7

265 28.7 16.4 24.6#





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.118 ng

RT: 16.415 min Scan# 24

Delta R.T. 0.035 min

Lab File: BF130704.D

Acq: 18 Oct 2022 18:20

Instrument :

BNA_F

ClientSampleId :

BU-02-101722

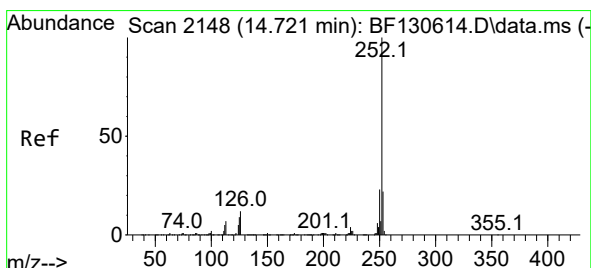
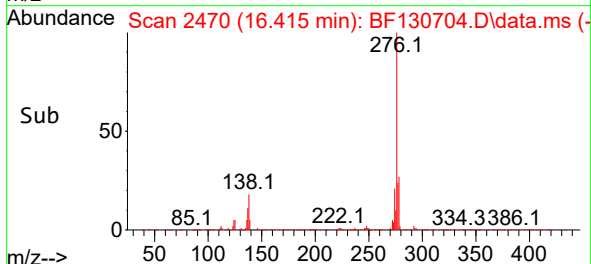
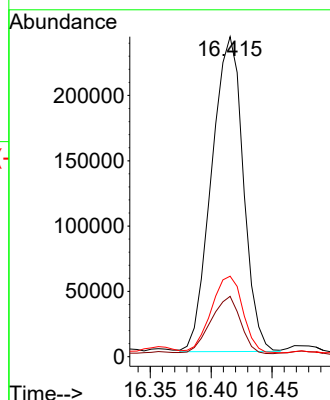
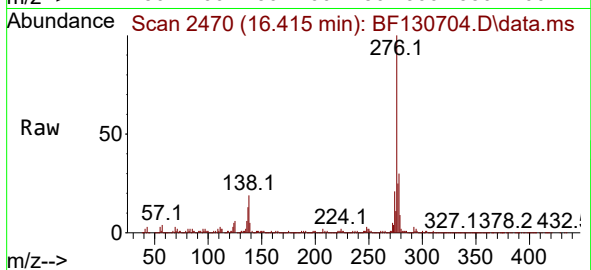
Tgt Ion:276 Resp: 436909

Ion Ratio Lower Upper

276 100

138 17.1 18.0 27.0#

277 24.3 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 240.422 ng

RT: 14.745 min Scan# 2186

Delta R.T. 0.029 min

Lab File: BF130704.D

Acq: 18 Oct 2022 18:20

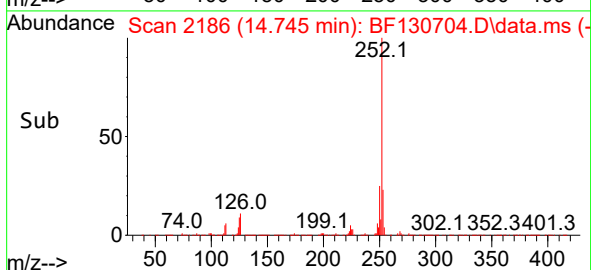
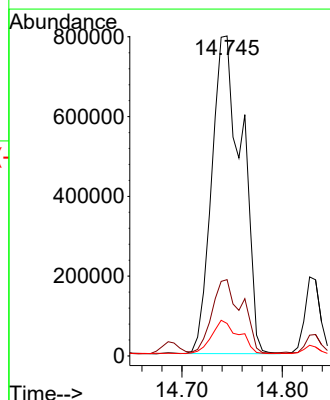
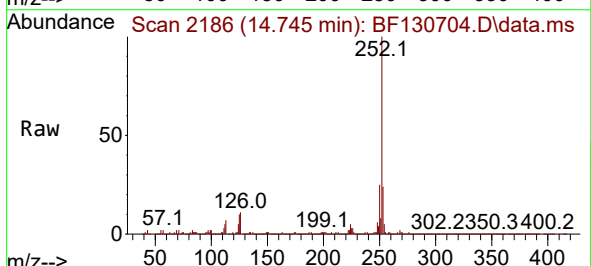
Tgt Ion:252 Resp: 1673027

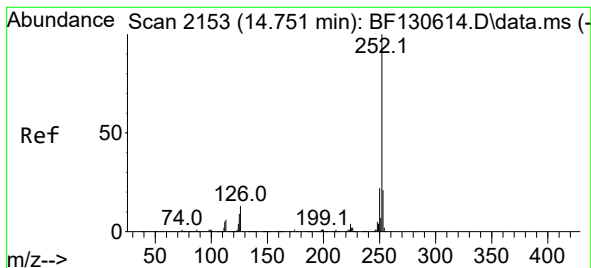
Ion Ratio Lower Upper

252 100

253 23.9 17.4 26.2

125 10.2 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 236.119 ng

RT: 14.745 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF130704.D

Acq: 18 Oct 2022 18:20

Instrument :

BNA_F

ClientSampleId :

BU-02-101722

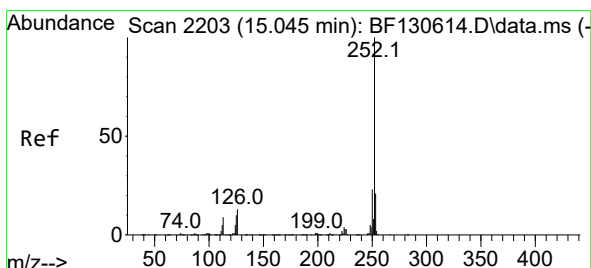
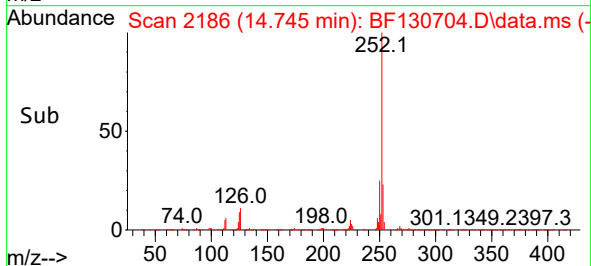
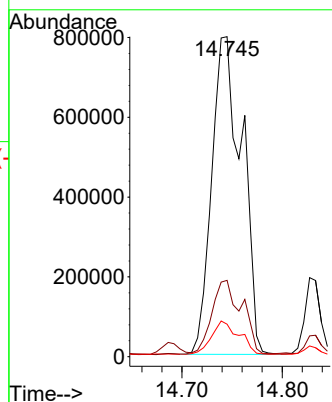
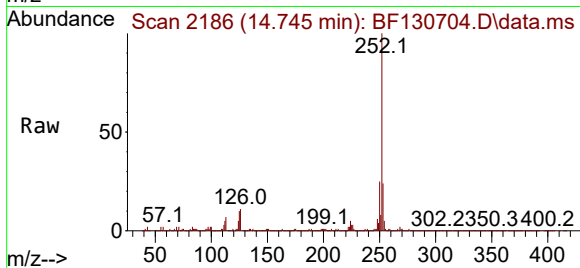
Tgt Ion:252 Resp: 1673027

Ion Ratio Lower Upper

252 100

253 23.9 17.0 25.4

125 10.2 7.2 10.8



#90

Benzo(a)pyrene

Concen: 163.675 ng

RT: 15.069 min Scan# 2241

Delta R.T. 0.029 min

Lab File: BF130704.D

Acq: 18 Oct 2022 18:20

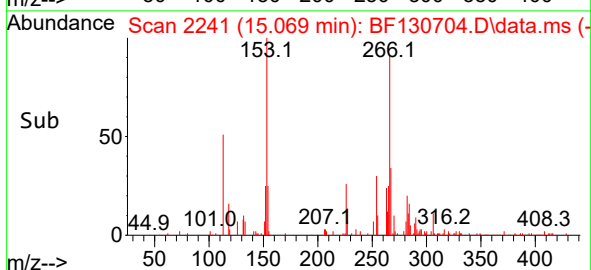
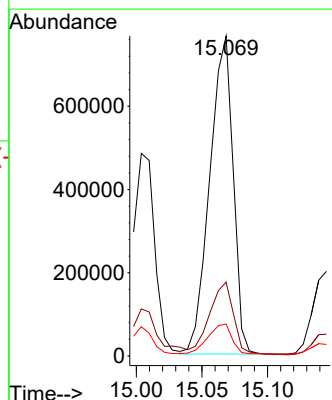
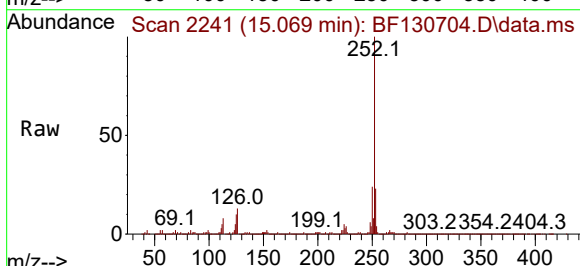
Tgt Ion:252 Resp: 947942

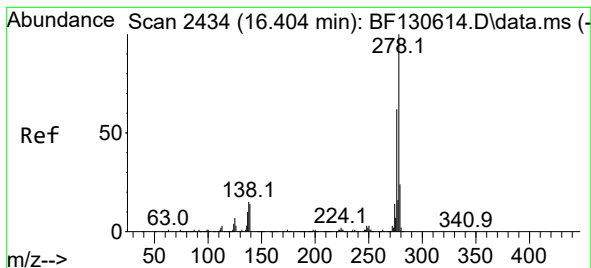
Ion Ratio Lower Upper

252 100

253 23.1 17.0 25.6

125 10.0 8.4 12.6





#91

Dibenzo(a,h)anthracene

Concen: 19.773 ng

RT: 16.415 min Scan# 2434

Delta R.T. 0.024 min

Lab File: BF130704.D

Acq: 18 Oct 2022 18:20

Instrument :

BNA_F

ClientSampleId :

BU-02-101722

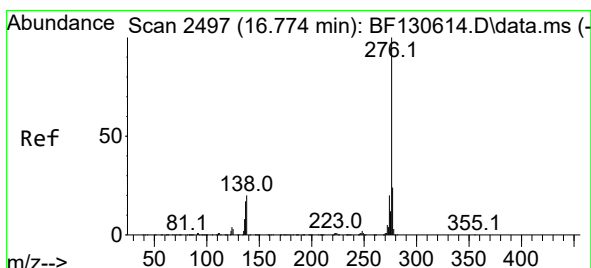
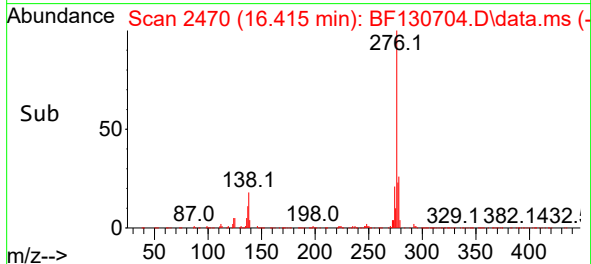
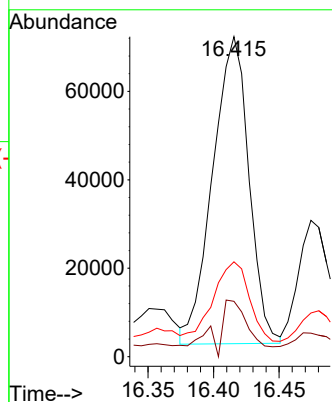
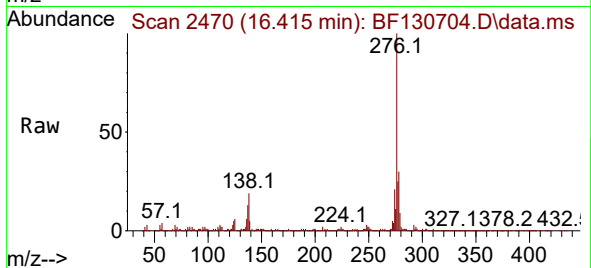
Tgt Ion:278 Resp: 133314

Ion Ratio Lower Upper

278 100

139 17.3 11.1 16.7#

279 29.6 19.0 28.4#



#92

Benzo(g,h,i)perylene

Concen: 70.140 ng

RT: 16.810 min Scan# 2537

Delta R.T. 0.041 min

Lab File: BF130704.D

Acq: 18 Oct 2022 18:20

Tgt Ion:276 Resp: 440447

Ion Ratio Lower Upper

276 100

277 25.1 18.9 28.3

138 17.8 15.9 23.9

