

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092022\
 Data File : BF130344.D
 Acq On : 20 Sep 2022 15:00
 Operator : CG\JU
 Sample : N4630-12RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-17-4-3RE

Quant Time: Sep 21 05:13:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 15:06:14 2022
 Response via : Initial Calibration

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

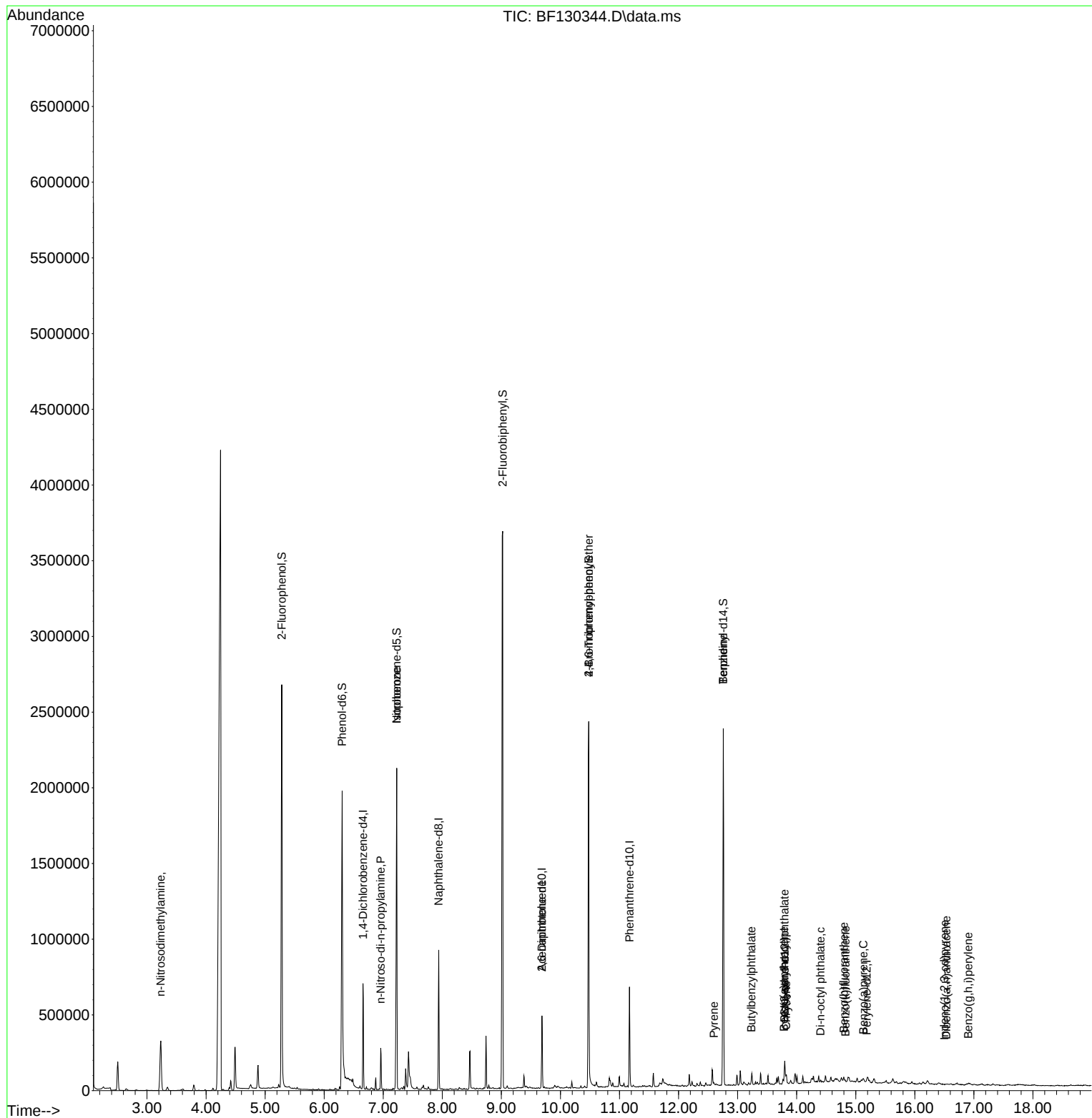
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.657	152	94897	20.000	ng	0.00
21) Naphthalene-d8	7.939	136	362798	20.000	ng	# 0.00
39) Acenaphthene-d10	9.686	164	80442	20.000	ng	0.00
64) Phenanthrene-d10	11.169	188	168326	20.000	ng	0.00
76) Chrysene-d12	13.798	240	22277	20.000	ng	# 0.00
86) Perylene-d12	15.186	264	686	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	769834	140.705	ng	0.02
7) Phenol-d6	6.304	99	504198	73.651	ng	0.00
23) Nitrobenzene-d5	7.228	82	671011	94.490	ng	0.00
42) 2,4,6-Tribromophenol	10.480	330	309417	401.430	ng	0.00
45) 2-Fluorobiphenyl	9.022	172	1268020	229.542	ng	0.00
79) Terphenyl-d14	12.757	244	537902	399.977	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.234	42	9931	2.786	ng	# 1
19) n-Nitroso-di-n-propyla...	6.957	70	12705	2.750	ng	# 44
25) Isophorone	7.228	82	668344	58.393	ng	# 66
51) 2,6-Dinitrotoluene	9.686	165	10042	8.641	ng	# 19
67) 4-Bromophenyl-phenylether	10.480	248	18380	9.898	ng	# 1
77) Benzidine	12.757	184	9854	15.238	ng	# 75
78) Pyrene	12.598	202	8655	4.441	ng	95
80) Butylbenzylphthalate	13.233	149	5008	6.937	ng	# 92
81) Benzo(a)anthracene	13.786	228	7875	5.314	ng	96
83) Chrysene	13.821	228	9855	7.004	ng	# 89
84) Bis(2-ethylhexyl)phtha...	13.792	149	9605	11.615	ng	100
85) Di-n-octyl phthalate	14.404	149	4741	3.748	ng	# 67
87) Indeno(1,2,3-cd)pyrene	16.504	276	260	5.345	ng	# 69
88) Benzo(b)fluoranthene	14.798	252	3583	80.022	ng	# 65
89) Benzo(k)fluoranthene	14.827	252	2660	60.393	ng	# 82
90) Benzo(a)pyrene	15.127	252	2136	60.216	ng	# 36
91) Dibenzo(a,h)anthracene	16.533	278	186	4.661	ng	# 56
92) Benzo(g,h,i)perylene	16.904	276	594	14.776	ng	# 55

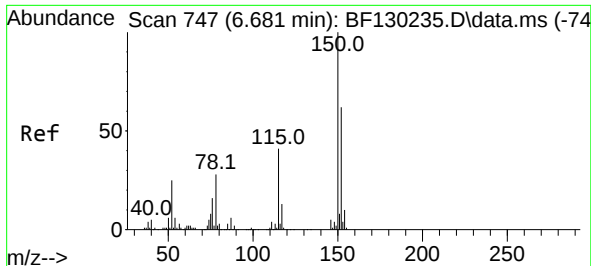
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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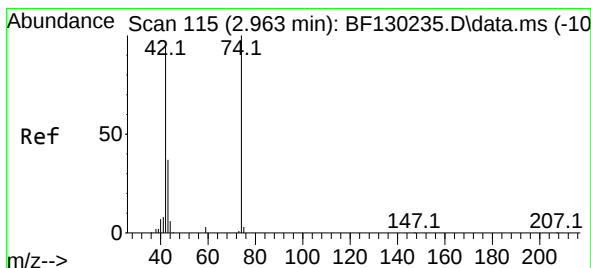
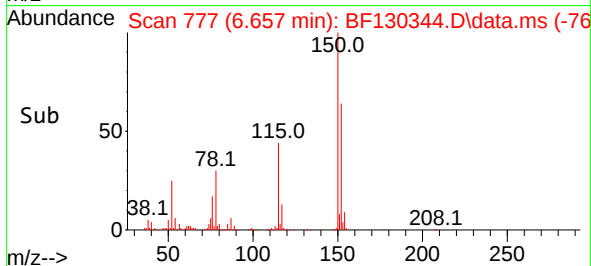
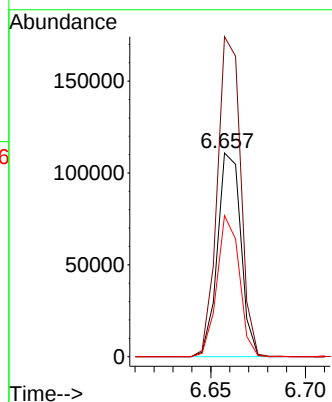
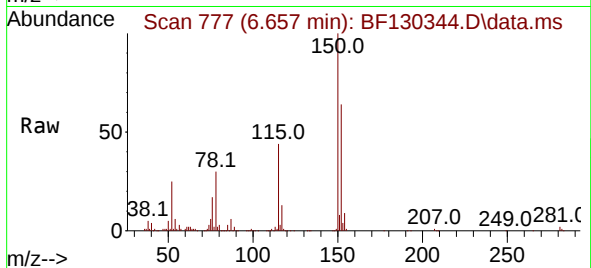




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130344.D
Acq: 20 Sep 2022 15:00

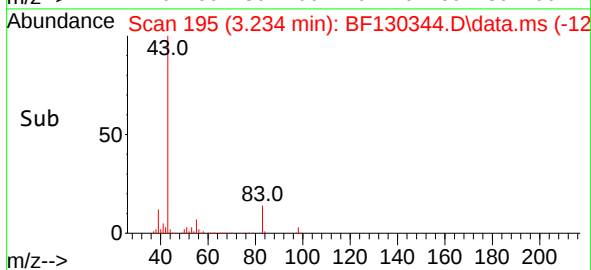
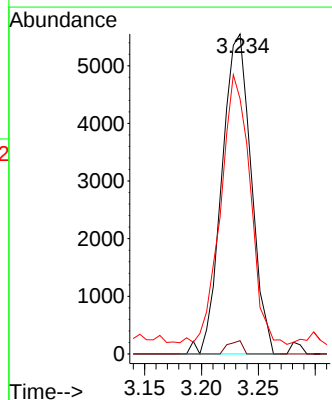
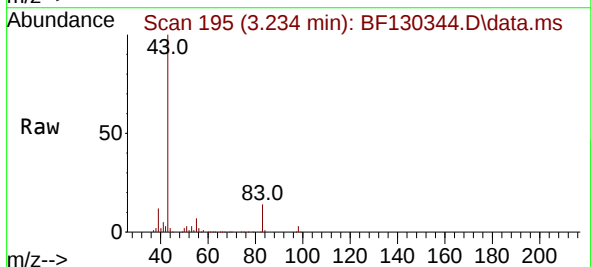
Instrument :
BNA_F
ClientSampleId :
WC-17-4-3RE

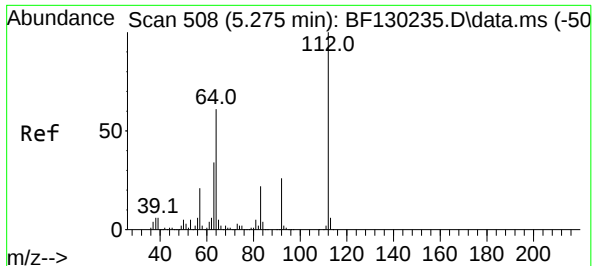
Tgt Ion:152 Resp: 94897
Ion Ratio Lower Upper
152 100
150 157.2 122.8 184.2
115 69.3 53.8 80.8



#4
n-Nitrosodimethylamine
Concen: 2.786 ng
RT: 3.234 min Scan# 195
Delta R.T. 0.294 min
Lab File: BF130344.D
Acq: 20 Sep 2022 15:00

Tgt Ion: 42 Resp: 9931
Ion Ratio Lower Upper
42 100
74 4.1 88.4 132.6#
44 79.8 5.0 7.4#

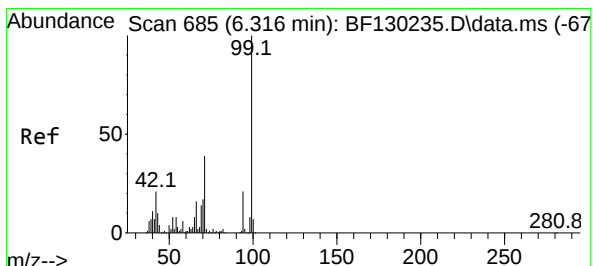
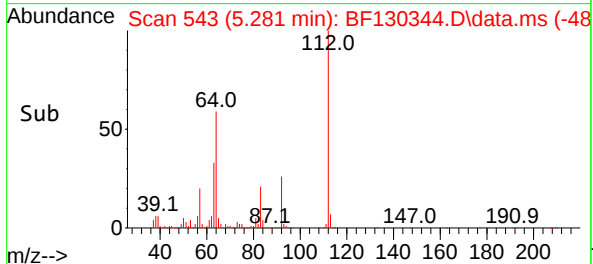
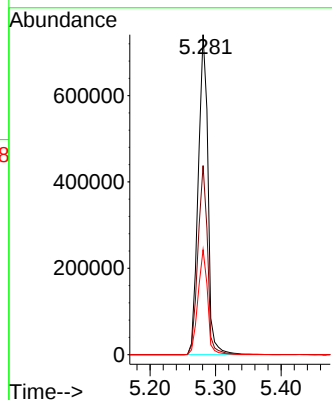
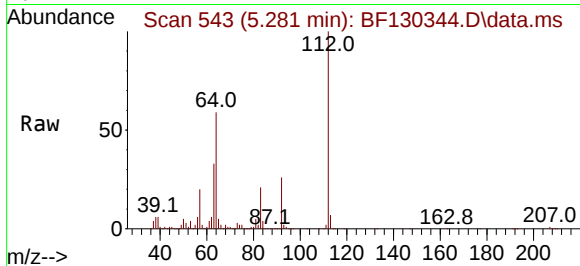




#5
2-Fluorophenol
Concen: 140.705 ng
RT: 5.281 min Scan# 54
Delta R.T. 0.024 min
Lab File: BF130344.D
Acq: 20 Sep 2022 15:00

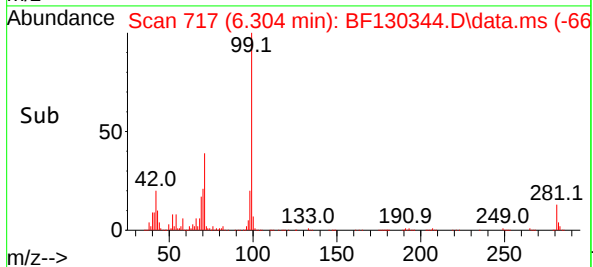
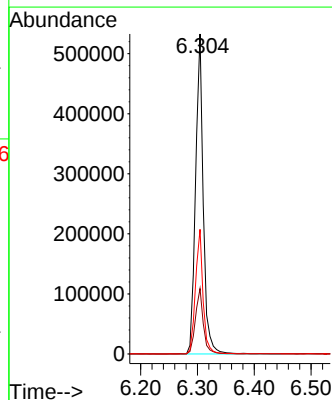
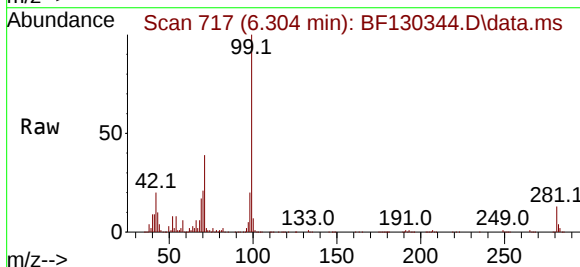
Instrument :
BNA_F
ClientSampleId :
WC-17-4-3RE

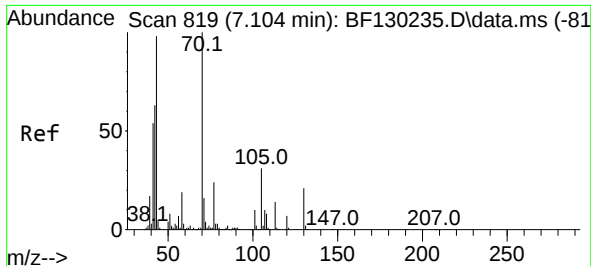
Tgt Ion:112 Resp: 769834
Ion Ratio Lower Upper
112 100
64 59.1 51.4 77.0
63 32.8 28.8 43.2



#7
Phenol-d6
Concen: 73.651 ng
RT: 6.304 min Scan# 717
Delta R.T. 0.006 min
Lab File: BF130344.D
Acq: 20 Sep 2022 15:00

Tgt Ion: 99 Resp: 504198
Ion Ratio Lower Upper
99 100
42 20.5 17.0 25.6
71 38.9 32.3 48.5

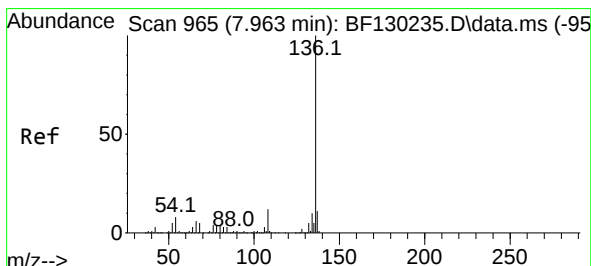
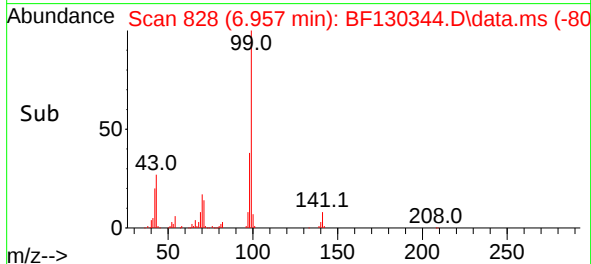
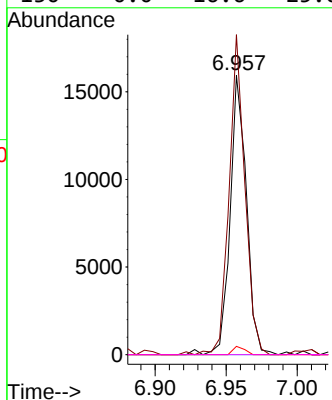
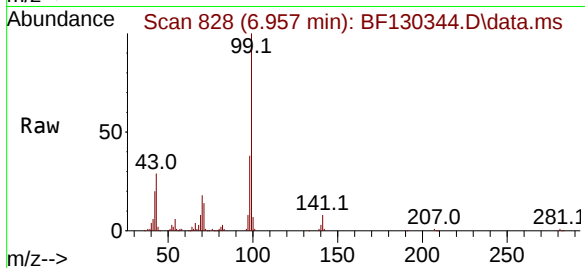




#19
n-Nitroso-di-n-propylamine
Concen: 2.750 ng
RT: 6.957 min Scan# 819
Delta R.T. -0.135 min
Lab File: BF130344.D
Acq: 20 Sep 2022 15:00

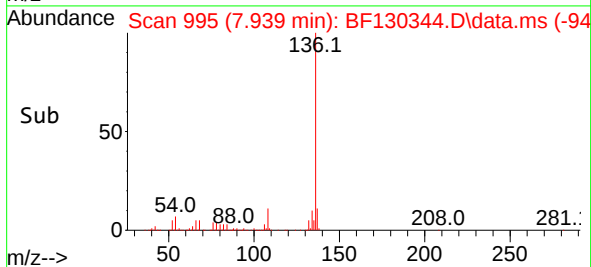
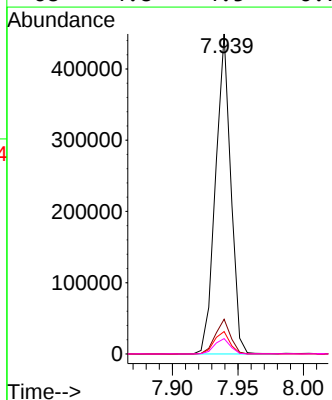
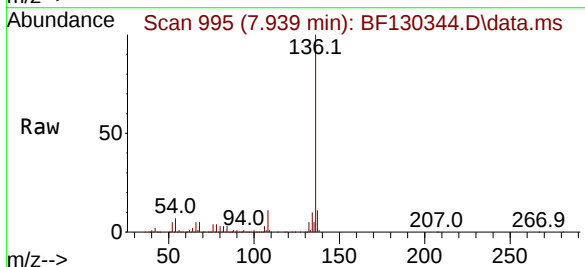
Instrument :
BNA_F
ClientSampleId :
WC-17-4-3RE

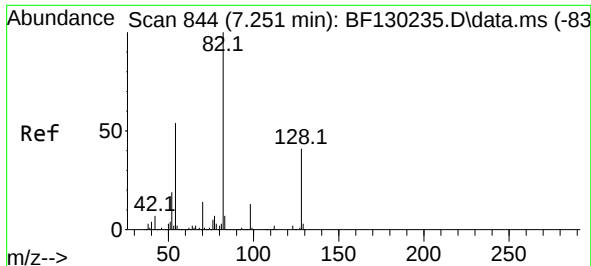
Tgt Ion:	70	Resp:	12705
Ion	Ratio	Lower	Upper
70	100		
42	114.5	50.8	76.2#
101	3.0	8.2	12.4#
130	0.0	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.939 min Scan# 995
Delta R.T. -0.006 min
Lab File: BF130344.D
Acq: 20 Sep 2022 15:00

Tgt Ion:	136	Resp:	362798
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	7.0	7.1	10.7#
68	4.8	4.5	6.7





#23

Nitrobenzene-d5

Concen: 94.490 ng

RT: 7.228 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF130344.D

Acq: 20 Sep 2022 15:00

Instrument :

BNA_F

ClientSampleId :

WC-17-4-3RE

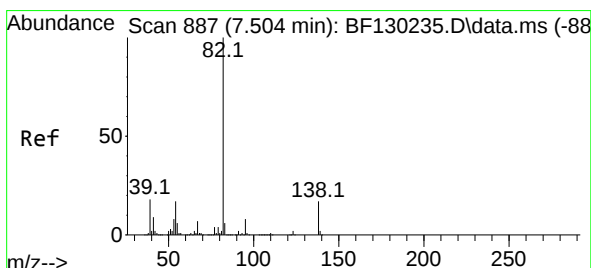
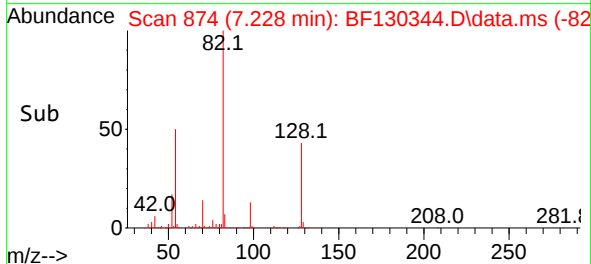
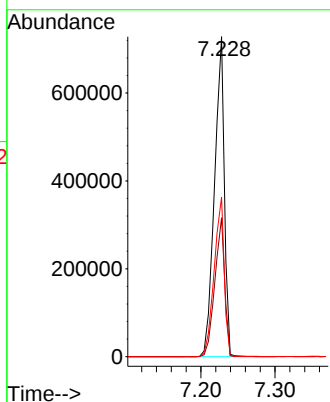
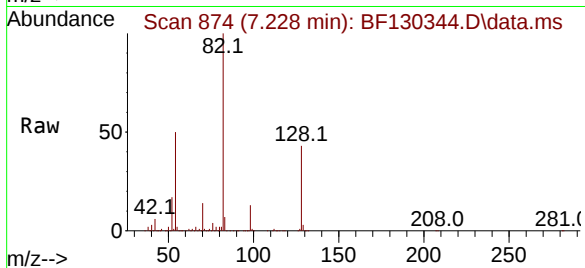
Tgt Ion: 82 Resp: 671011

Ion Ratio Lower Upper

82 100

128 43.4 32.6 49.0

54 49.9 43.8 65.6



#25

Isophorone

Concen: 58.393 ng

RT: 7.228 min Scan# 874

Delta R.T. -0.265 min

Lab File: BF130344.D

Acq: 20 Sep 2022 15:00

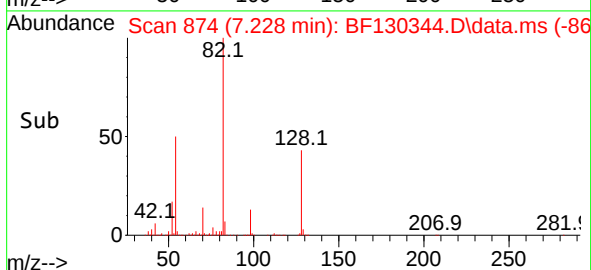
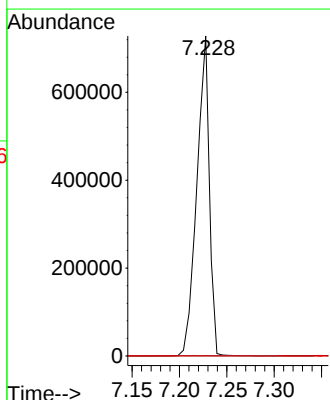
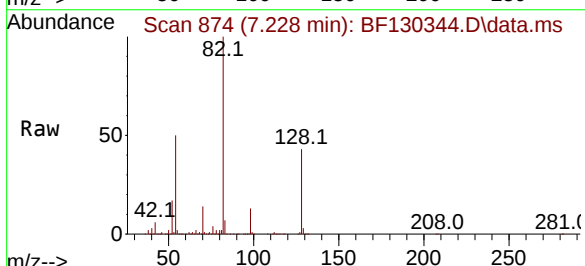
Tgt Ion: 82 Resp: 668344

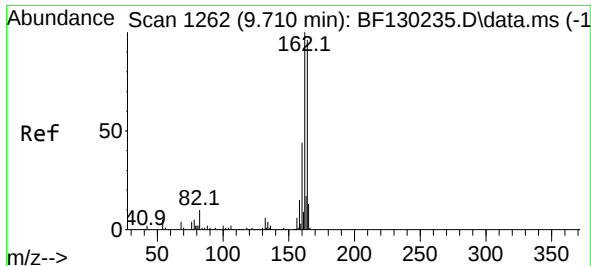
Ion Ratio Lower Upper

82 100

95 0.1 6.4 9.6#

138 0.0 13.8 20.6#

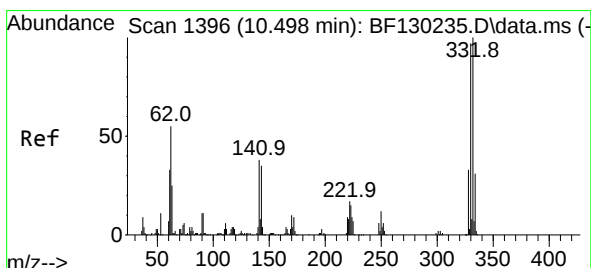
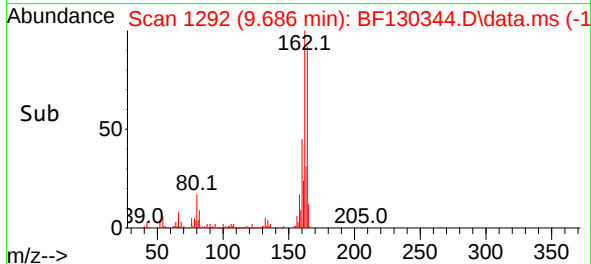
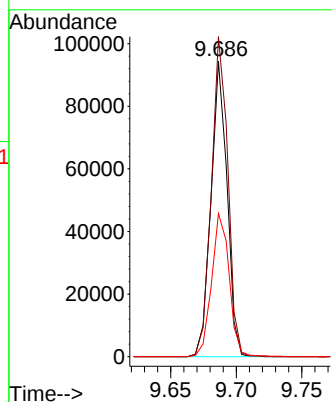
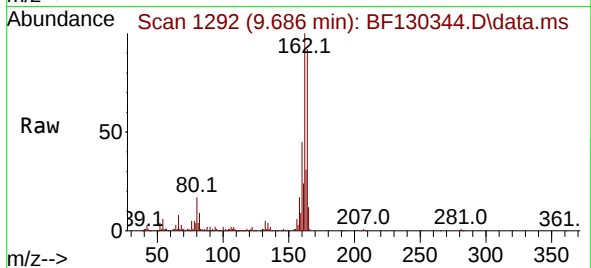




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.686 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130344.D
Acq: 20 Sep 2022 15:00

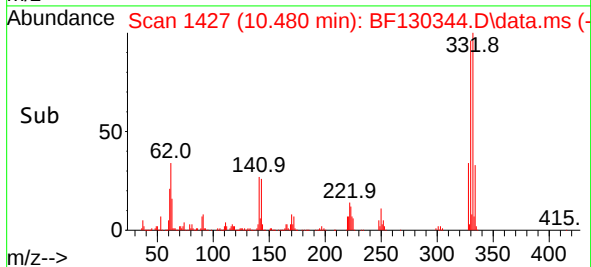
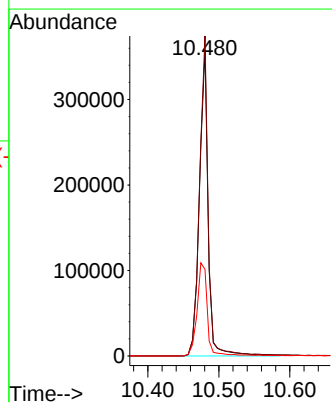
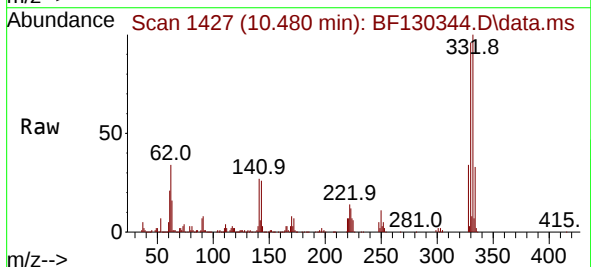
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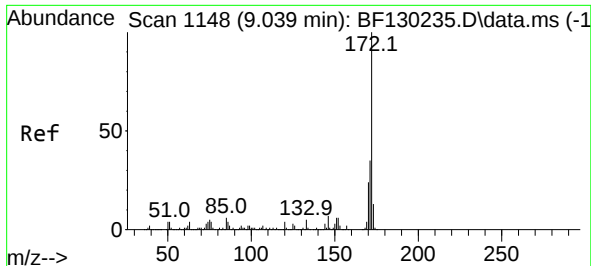
Tgt Ion:164 Resp: 80442
Ion Ratio Lower Upper
164 100
162 108.3 81.4 122.0
160 48.5 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 401.430 ng
RT: 10.480 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF130344.D
Acq: 20 Sep 2022 15:00

Tgt Ion:330 Resp: 309417
Ion Ratio Lower Upper
330 100
332 103.8 83.4 125.2
141 36.0 34.0 51.0

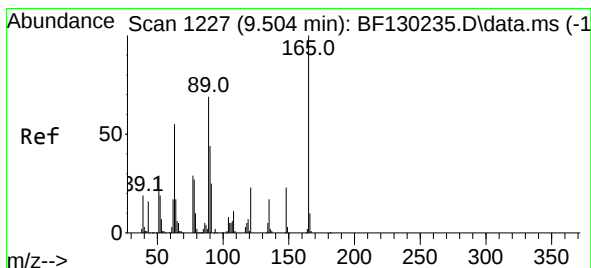
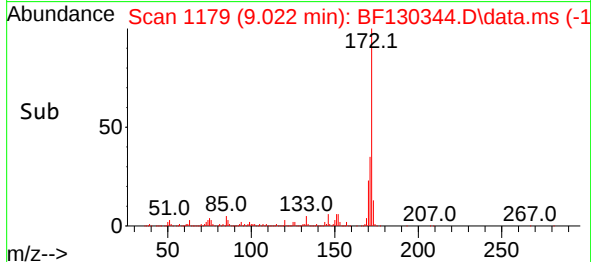
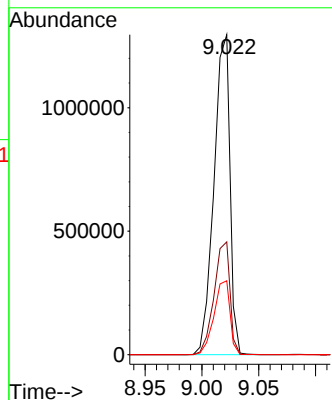
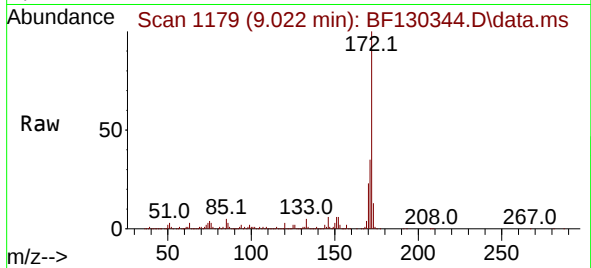




#45
2-Fluorobiphenyl
Concen: 229.542 ng
RT: 9.022 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BF130344.D
Acq: 20 Sep 2022 15:00

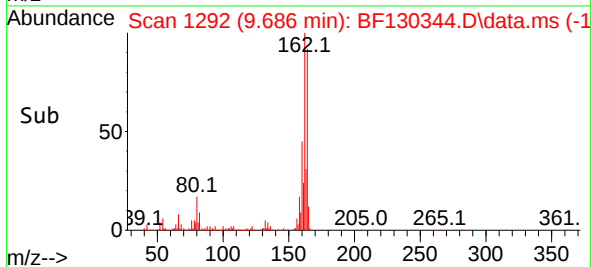
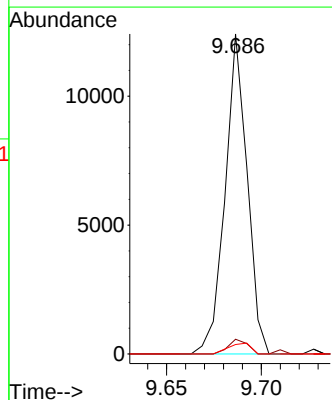
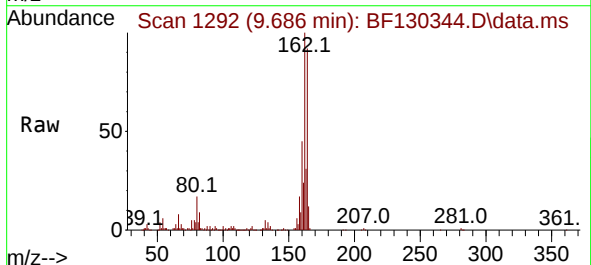
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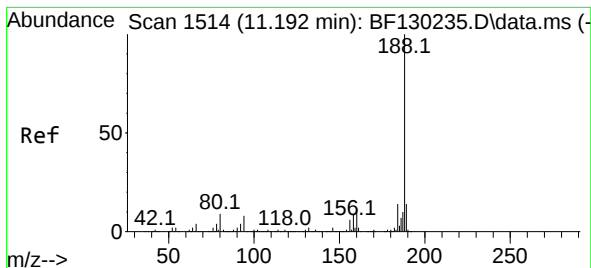
Tgt Ion:172 Resp: 1268020
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.1 18.7 28.1



#51
2,6-Dinitrotoluene
Concen: 8.641 ng
RT: 9.686 min Scan# 1292
Delta R.T. 0.200 min
Lab File: BF130344.D
Acq: 20 Sep 2022 15:00

Tgt Ion:165 Resp: 10042
Ion Ratio Lower Upper
165 100
63 4.6 58.8 88.2#
89 2.9 54.5 81.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.169 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130344.D

Acq: 20 Sep 2022 15:00

Instrument :

BNA_F

ClientSampleId :

WC-17-4-3RE

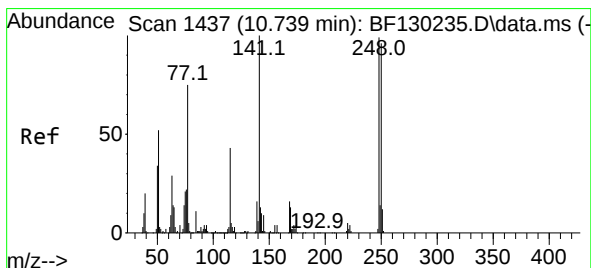
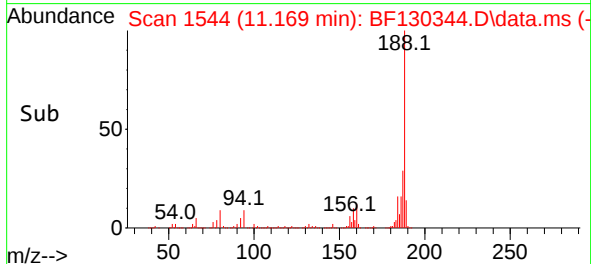
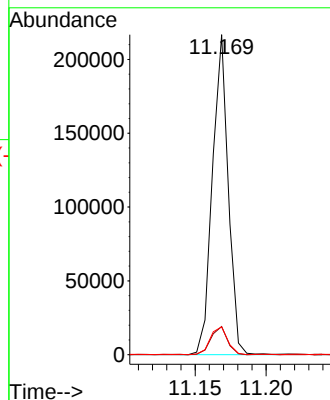
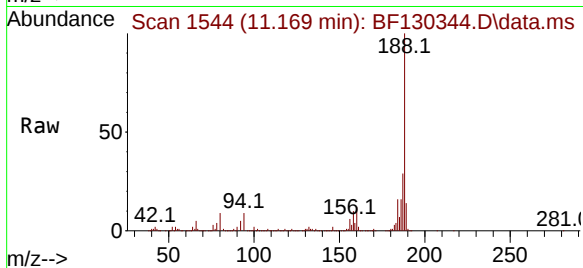
Tgt Ion:188 Resp: 168326

Ion Ratio Lower Upper

188 100

94 8.8 7.4 11.2

80 8.7 7.9 11.9



#67

4-Bromophenyl-phenylether

Concen: 9.898 ng

RT: 10.480 min Scan# 1427

Delta R.T. -0.241 min

Lab File: BF130344.D

Acq: 20 Sep 2022 15:00

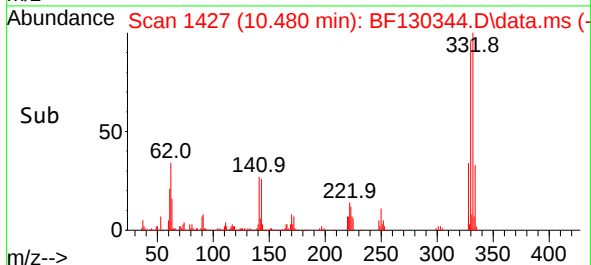
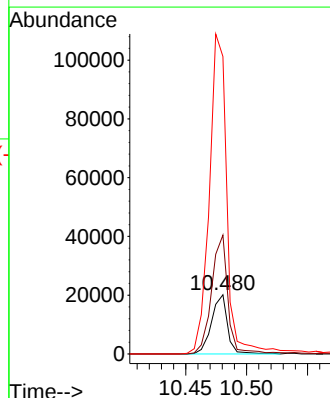
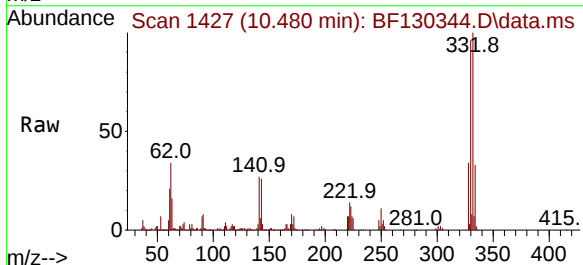
Tgt Ion:248 Resp: 18380

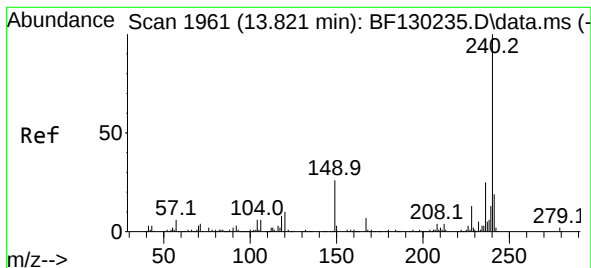
Ion Ratio Lower Upper

248 100

250 200.9 80.0 120.0#

141 502.4 68.5 102.7#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.798 min Scan# 1961

Delta R.T. -0.006 min

Lab File: BF130344.D

Acq: 20 Sep 2022 15:00

Instrument :

BNA_F

ClientSampleId :

WC-17-4-3RE

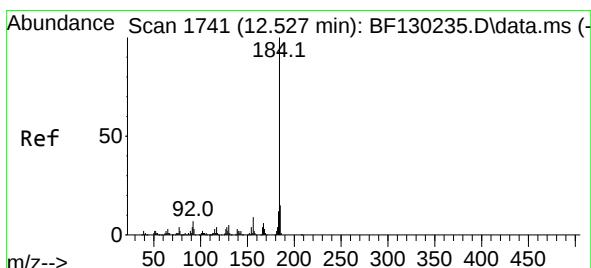
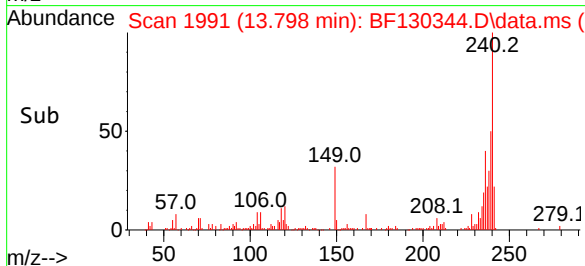
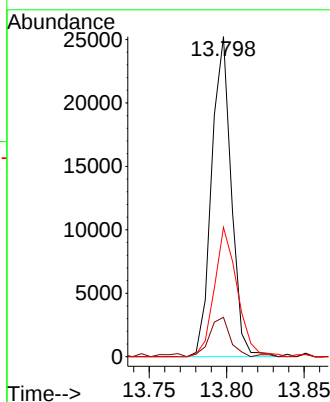
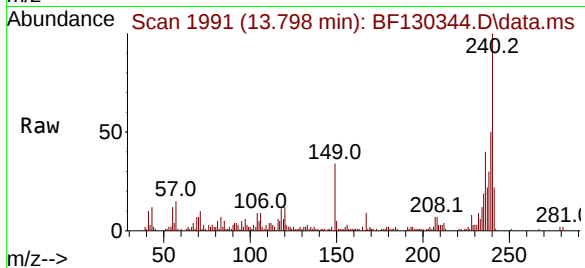
Tgt Ion:240 Resp: 22277

Ion Ratio Lower Upper

240 100

120 12.3 8.7 13.1

236 40.4 20.9 31.3#



#77

Benzidine

Concen: 15.238 ng

RT: 12.757 min Scan# 1814

Delta R.T. 0.247 min

Lab File: BF130344.D

Acq: 20 Sep 2022 15:00

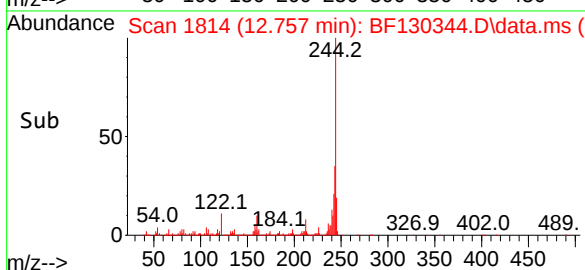
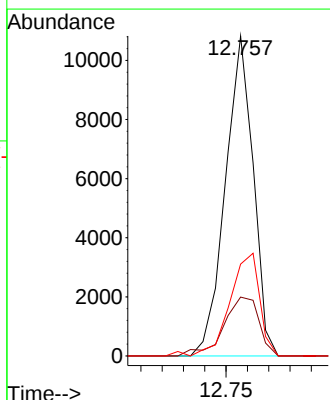
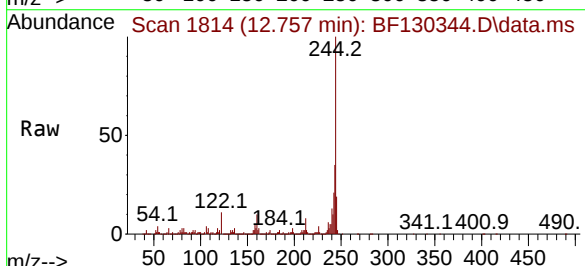
Tgt Ion:184 Resp: 9854

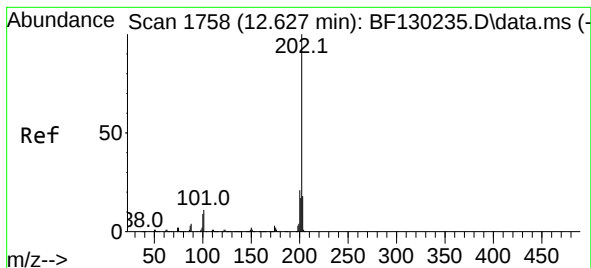
Ion Ratio Lower Upper

184 100

185 18.4 11.8 17.6#

183 28.7 9.1 13.7#





#78

Pyrene

Concen: 4.441 ng

RT: 12.598 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF130344.D

Acq: 20 Sep 2022 15:00

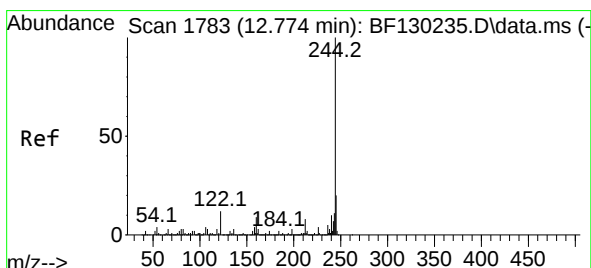
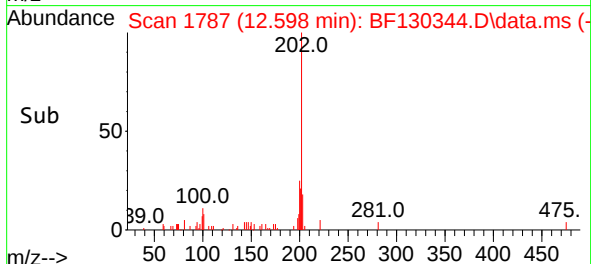
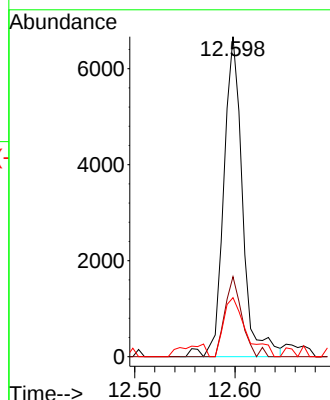
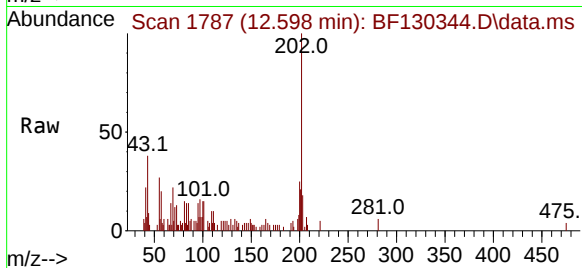
Instrument :

BNA_F

ClientSampleId :

WC-17-4-3RE

Tgt Ion:	202	Resp:	8655
Ion Ratio	Lower	Upper	
202	100		
200	25.0	17.2	25.8
203	18.4	14.3	21.5



#79

Terphenyl-d14

Concen: 399.977 ng

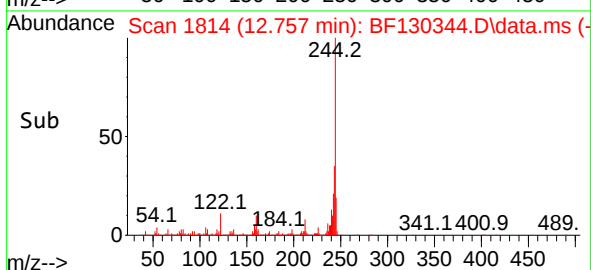
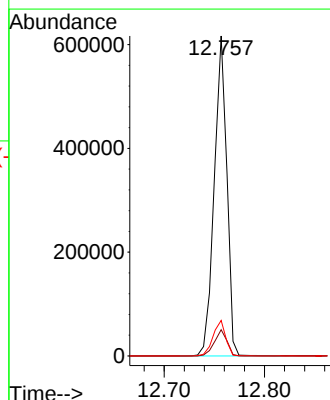
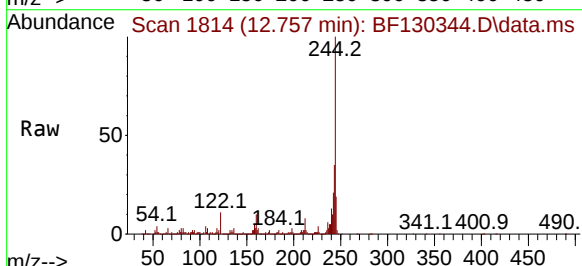
RT: 12.757 min Scan# 1814

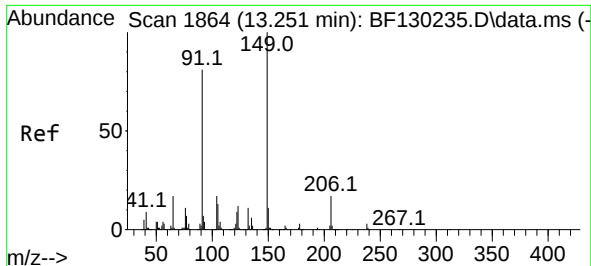
Delta R.T. 0.000 min

Lab File: BF130344.D

Acq: 20 Sep 2022 15:00

Tgt Ion:	244	Resp:	537902
Ion Ratio	Lower	Upper	
244	100		
212	8.2	5.9	8.9
122	11.1	8.5	12.7

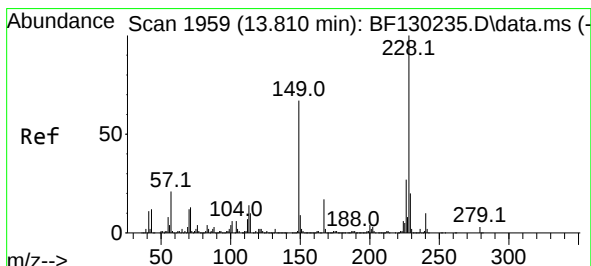
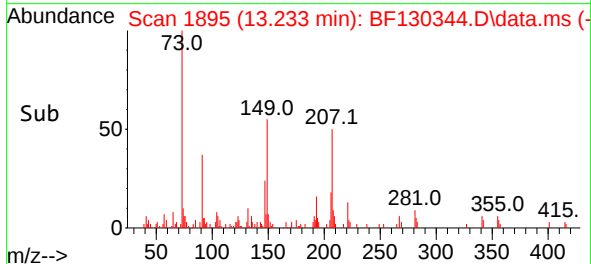
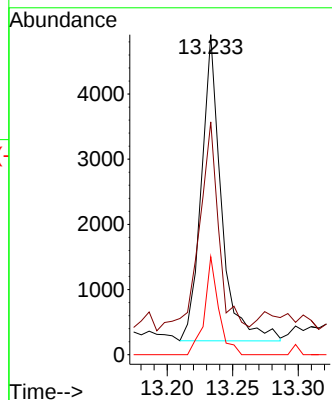
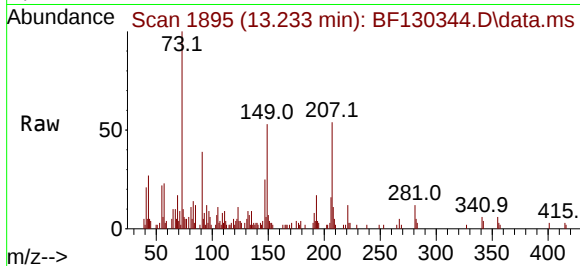




#80
Butylbenzylphthalate
Concen: 6.937 ng
RT: 13.233 min Scan# 1895
Delta R.T. 0.000 min
Lab File: BF130344.D
Acq: 20 Sep 2022 15:00

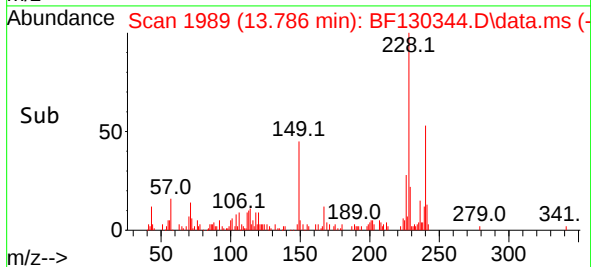
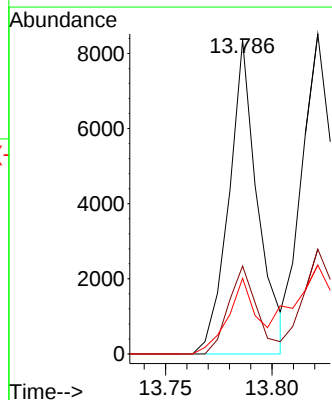
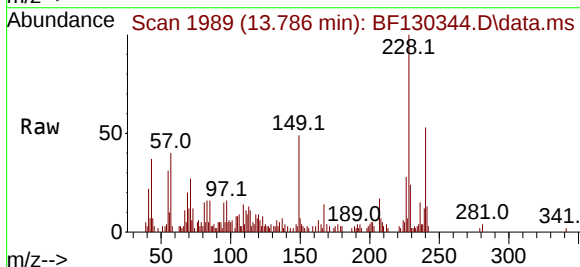
Instrument :
BNA_F
ClientSampleId :
WC-17-4-3RE

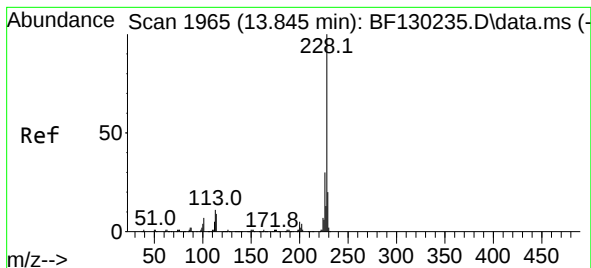
Tgt Ion:149 Resp: 5008
Ion Ratio Lower Upper
149 100
91 72.7 59.8 89.8
206 30.6 13.9 20.9#



#81
Benzo(a)anthracene
Concen: 5.314 ng
RT: 13.786 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BF130344.D
Acq: 20 Sep 2022 15:00

Tgt Ion:228 Resp: 7875
Ion Ratio Lower Upper
228 100
226 28.0 21.9 32.9
229 24.1 16.1 24.1





#83

Chrysene

Concen: 7.004 ng

RT: 13.821 min Scan# 1995

Delta R.T. -0.006 min

Lab File: BF130344.D

Acq: 20 Sep 2022 15:00

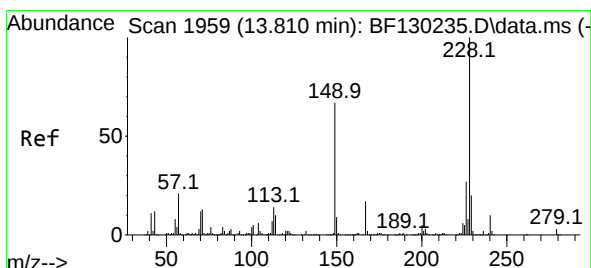
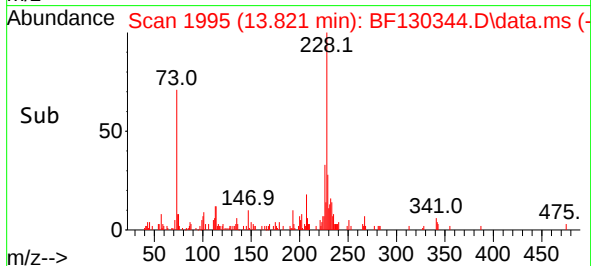
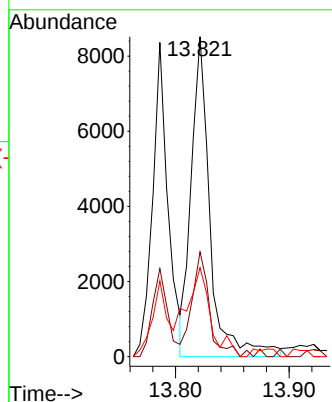
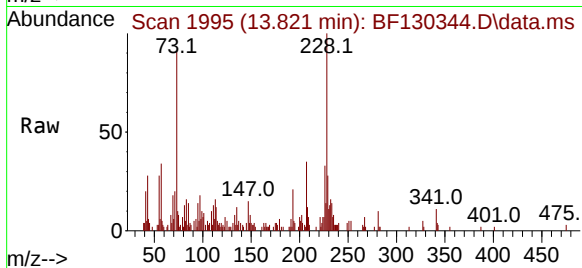
Instrument :

BNA_F

ClientSampleId :

WC-17-4-3RE

Tgt Ion:	228	Resp:	9855
Ion Ratio	Lower	Upper	
228	100		
226	32.8	23.8	35.8
229	27.8	15.3	22.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 11.615 ng

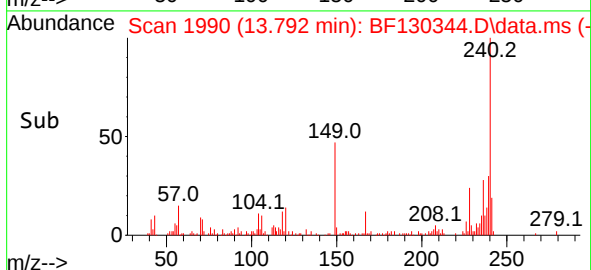
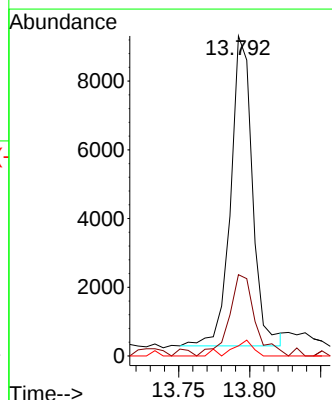
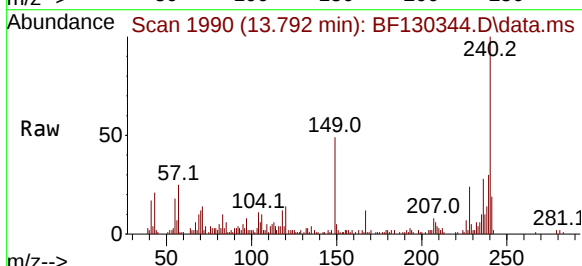
RT: 13.792 min Scan# 1990

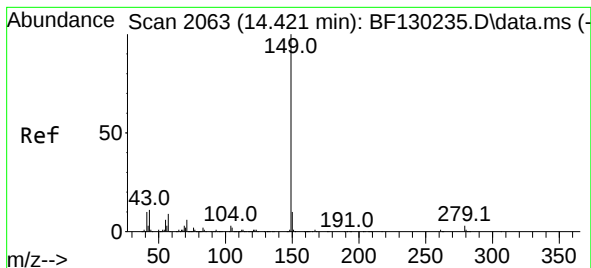
Delta R.T. 0.000 min

Lab File: BF130344.D

Acq: 20 Sep 2022 15:00

Tgt Ion:	149	Resp:	9605
Ion Ratio	Lower	Upper	
149	100		
167	25.4	20.5	30.7
279	3.1	2.9	4.3





#85

Di-n-octyl phthalate

Concen: 3.748 ng

RT: 14.404 min Scan# 2063

Delta R.T. 0.000 min

Lab File: BF130344.D

Acq: 20 Sep 2022 15:00

Instrument :

BNA_F

ClientSampleId :

WC-17-4-3RE

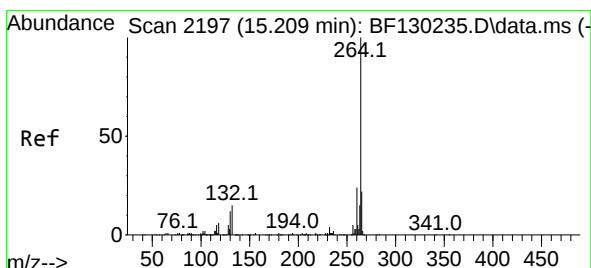
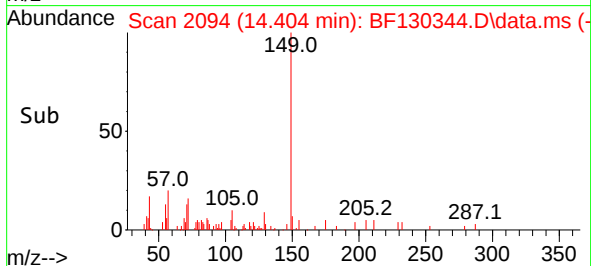
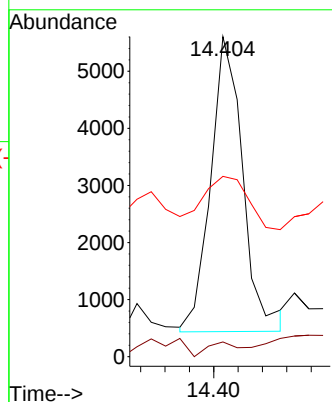
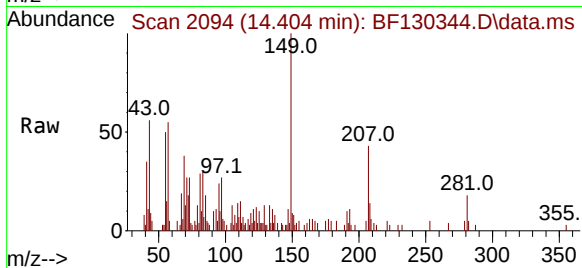
Tgt Ion:149 Resp: 4741

Ion Ratio Lower Upper

149 100

167 4.5 1.2 1.8#

43 24.8 8.7 13.1#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.186 min Scan# 2227

Delta R.T. 0.000 min

Lab File: BF130344.D

Acq: 20 Sep 2022 15:00

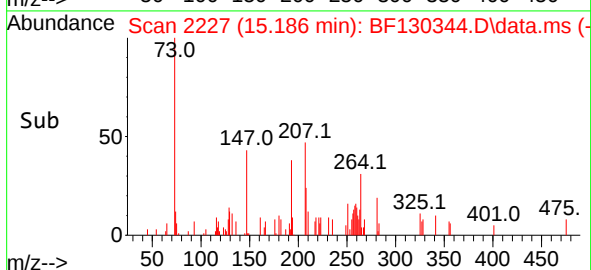
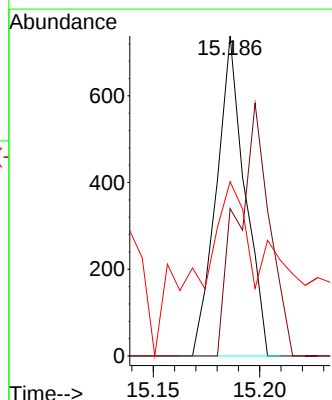
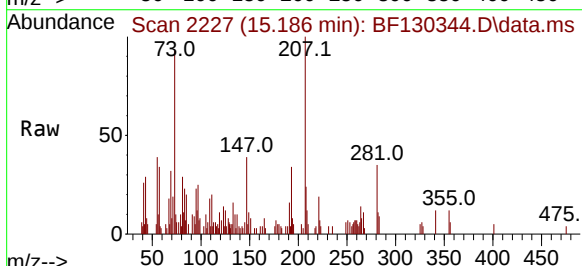
Tgt Ion:264 Resp: 686

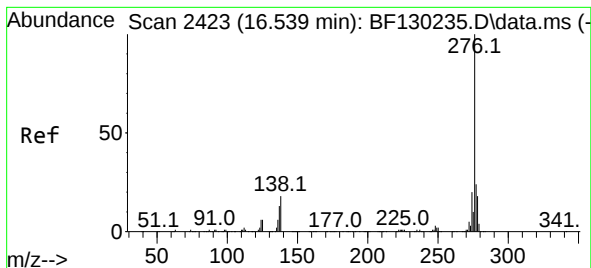
Ion Ratio Lower Upper

264 100

260 46.1 19.3 28.9#

265 54.5 17.0 25.4#





#87

Indeno(1,2,3-cd)pyrene

Concen: 5.345 ng

RT: 16.504 min Scan# 24

Delta R.T. -0.006 min

Lab File: BF130344.D

Acq: 20 Sep 2022 15:00

Instrument :

BNA_F

ClientSampleId :

WC-17-4-3RE

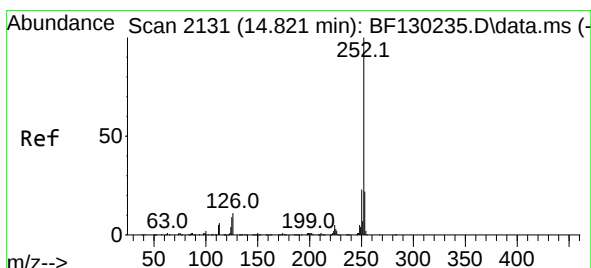
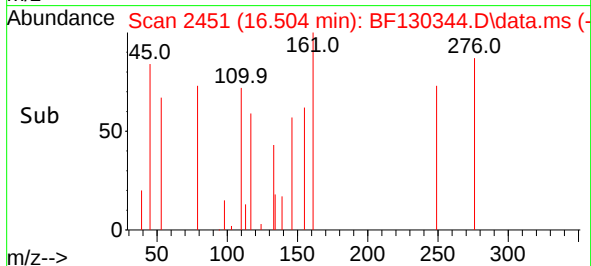
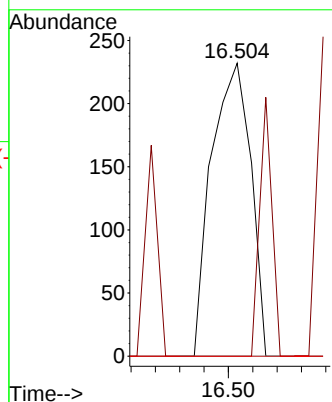
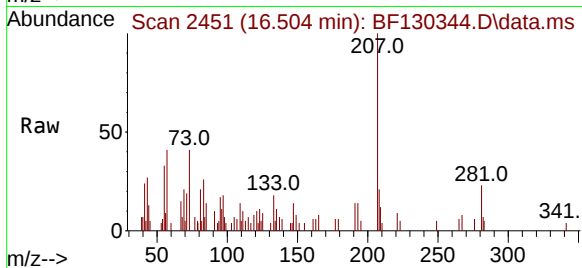
Tgt Ion:276 Resp: 260

Ion Ratio Lower Upper

276 100

138 27.7 18.5 27.7

277 0.0 20.2 30.4#



#88

Benzo(b)fluoranthene

Concen: 80.022 ng

RT: 14.798 min Scan# 2161

Delta R.T. 0.000 min

Lab File: BF130344.D

Acq: 20 Sep 2022 15:00

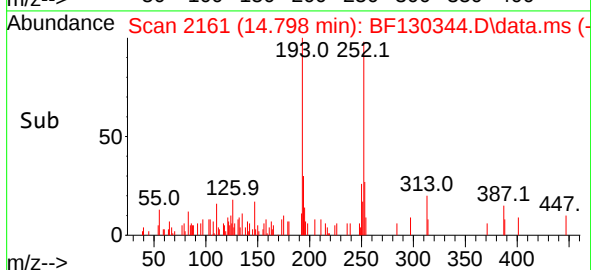
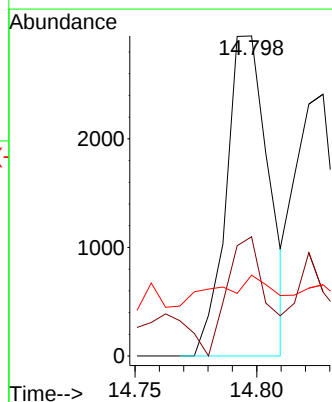
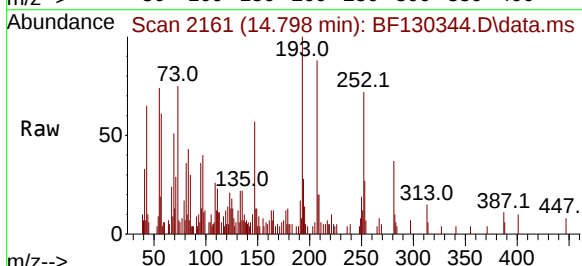
Tgt Ion:252 Resp: 3583

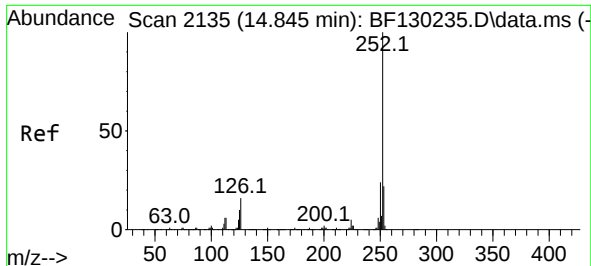
Ion Ratio Lower Upper

252 100

253 37.2 17.7 26.5#

125 25.3 8.1 12.1#





#89

Benzo(k)fluoranthene

Concen: 60.393 ng

RT: 14.827 min Scan# 2135

Delta R.T. 0.000 min

Lab File: BF130344.D

Acq: 20 Sep 2022 15:00

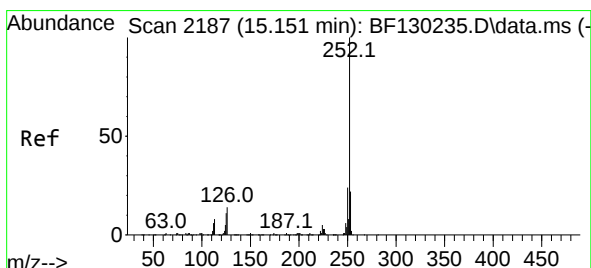
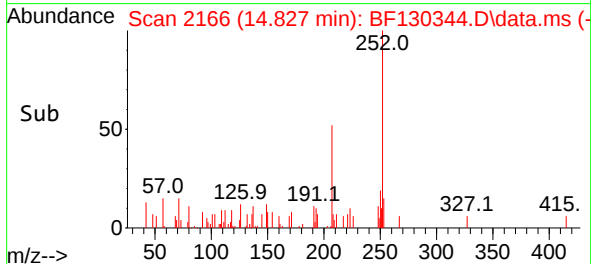
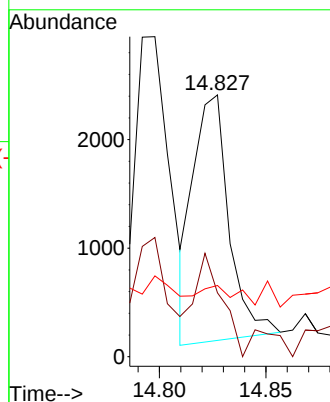
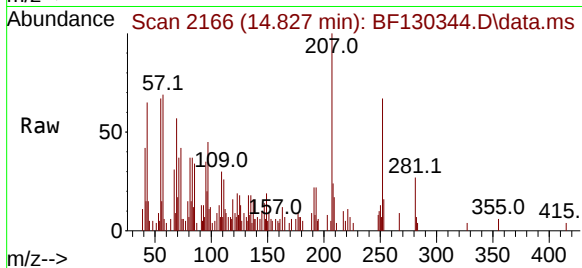
Instrument :

BNA_F

ClientSampleId :

WC-17-4-3RE

Tgt Ion:252 Resp: 2660
 Ion Ratio Lower Upper
 252 100
 253 24.4 17.4 26.2
 125 27.2 7.9 11.9#



#90

Benzo(a)pyrene

Concen: 60.216 ng

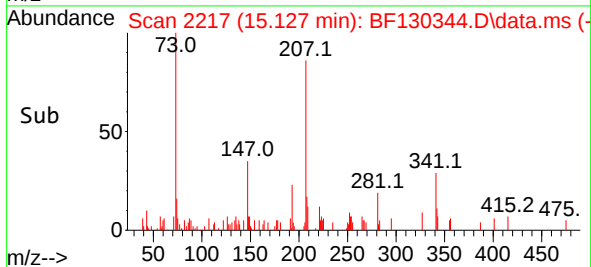
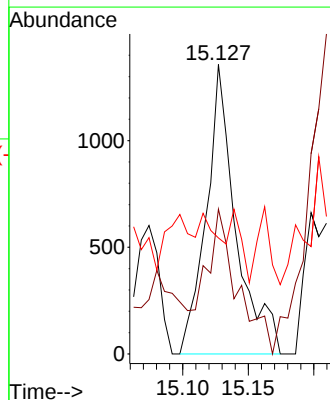
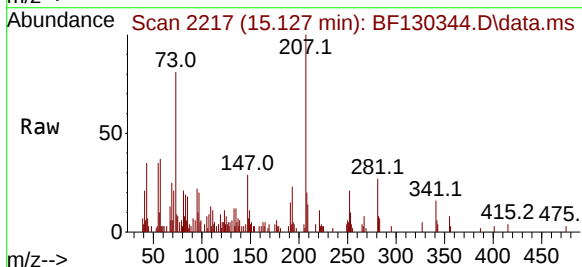
RT: 15.127 min Scan# 2217

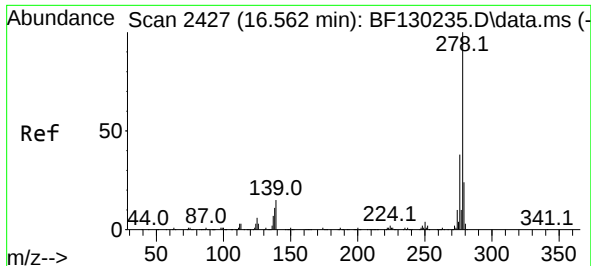
Delta R.T. -0.006 min

Lab File: BF130344.D

Acq: 20 Sep 2022 15:00

Tgt Ion:252 Resp: 2136
 Ion Ratio Lower Upper
 252 100
 253 50.0 17.8 26.6#
 125 40.1 9.0 13.6#

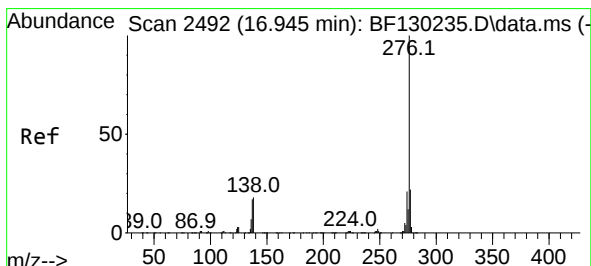
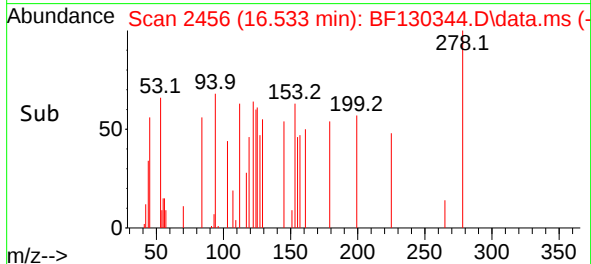
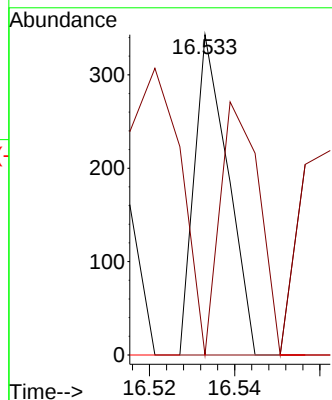
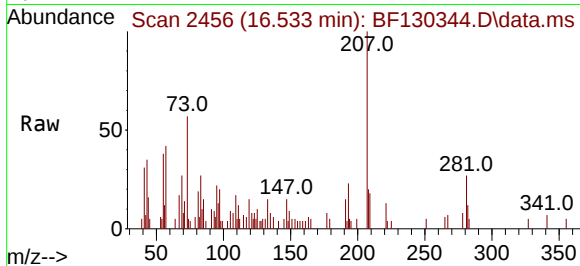




#91
 Dibenzo(a,h)anthracene
 Concen: 4.661 ng
 RT: 16.533 min Scan# 2427
 Delta R.T. 0.006 min
 Lab File: BF130344.D
 Acq: 20 Sep 2022 15:00

Instrument :
 BNA_F
 ClientSampleId :
 WC-17-4-3RE

Tgt Ion: 278 Resp: 186
 Ion Ratio Lower Upper
 278 100
 139 0.0 11.8 17.8#
 279 0.0 19.4 29.0#



#92
 Benzo(g,h,i)perylene
 Concen: 14.776 ng
 RT: 16.904 min Scan# 2519
 Delta R.T. -0.006 min
 Lab File: BF130344.D
 Acq: 20 Sep 2022 15:00

Tgt Ion: 276 Resp: 594
 Ion Ratio Lower Upper
 276 100
 277 0.0 18.6 27.8#
 138 0.0 14.6 21.8#

