

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
 Data File : BF130867.D
 Acq On : 29 Oct 2022 20:20
 Operator : CG\JU
 Sample : N5267-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP3-1024

Quant Time: Oct 30 23:27:10 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	6.951	152	59299	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	165299	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	81833	20.000	ng	0.01
64) Phenanthrene-d10	11.504	188	157658	20.000	ng	# 0.02
76) Chrysene-d12	14.145	240	115373	20.000	ng	# 0.01
86) Perylene-d12	15.668	264	88805	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	342243	100.055	ng	0.00
7) Phenol-d6	6.563	99	404196	90.933	ng	0.00
23) Nitrobenzene-d5	7.510	82	250625	91.425	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	80908	117.450	ng	0.01
45) 2-Fluorobiphenyl	9.322	172	323497	59.767	ng	0.01
79) Terphenyl-d14	13.086	244	430237	68.334	ng	0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.504	77	5700	2.004	ng	# 1
18) Hexachloroethane	7.487	117	46139	29.128	ng	# 1
19) n-Nitroso-di-n-propyla...	7.381	70	37552	12.417	ng	# 69
20) 3+4-Methylphenols	7.339	107	9069	2.142	ng	# 1
22) Acetophenone	7.339	105	22712	5.667	ng	# 32
24) Nitrobenzene	7.522	77	17289	5.768	ng	# 56
25) Isophorone	7.763	82	107656	19.044	ng	# 1
26) 2-Nitrophenol	7.851	139	12176	13.508	ng	# 1
28) bis(2-Chloroethoxy)met...	7.981	93	6479	2.052	ng	# 1
29) 2,4-Dichlorophenol	8.069	162	14191	5.864	ng	# 1
31) Naphthalene	8.263	128	111458	12.924	ng	# 76
32) Benzoic acid	8.034	122	12017	13.717	ng	# 5
33) 4-Chloroaniline	8.322	127	8073	2.369	ng	# 1
35) Caprolactam	8.675	113	197295	254.388	ng	# 70
36) 4-Chloro-3-methylphenol	8.781	107	10906	4.154	ng	# 32
37) 2-Methylnaphthalene	8.963	142	333506	61.478	ng	96
38) 1-Methylnaphthalene	9.063	142	305848	57.933	ng	98
43) 2,4,6-Trichlorophenol	9.233	196	9630	5.972	ng	# 12
44) 2,4,5-Trichlorophenol	9.281	196	5422	3.147	ng	# 1
46) 1,1'-Biphenyl	9.428	154	31825	5.459	ng	87
48) 2-Nitroaniline	9.563	65	3203	6.094	ng	# 1
49) Acenaphthylene	9.875	152	30029	4.065	ng	# 1
51) 2,6-Dinitrotoluene	9.775	165	11306	12.755	ng	# 61
52) Acenaphthene	10.045	154	60579	13.261	ng	# 86
53) 3-Nitroaniline	9.963	138	9508	8.685	ng	# 40
54) 2,4-Dinitrophenol	10.075	184	862	6.753	ng	# 1
55) Dibenzofuran	10.216	168	58397	8.819	ng	# 1
56) 4-Nitrophenol	10.116	139	38050	43.894	ng	# 43
57) 2,4-Dinitrotoluene	10.186	165	5358	7.389	ng	# 73
58) Fluorene	10.563	166	110596	21.212	ng	# 86
63) Azobenzene	10.704	77	21123	3.661	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.580	198	1973	10.428	ng	# 1
66) n-Nitrosodiphenylamine	10.669	169	175603	35.709	ng	# 48
69) Atrazine	11.192	200	3961	2.789	ng	# 1
71) Phenanthrene	11.533	178	520593	63.977	ng	# 96
72) Anthracene	11.580	178	102417	12.761	ng	# 88

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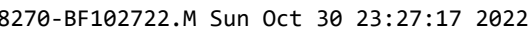
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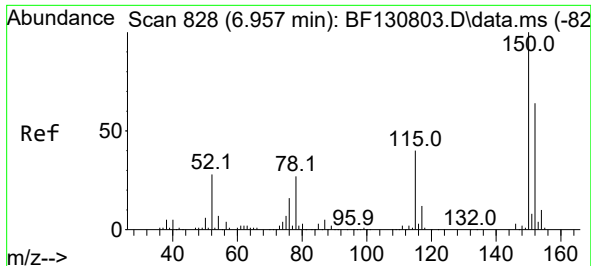
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

75) Fluoranthene	12.722	202	366240	42.361	ng	97
78) Pyrene	12.951	202	357049	36.681	ng	98
80) Butylbenzylphthalate	13.480	149	11231	3.207	ng	93
81) Benzo(a)anthracene	14.133	228	112114	14.657	ng #	93
83) Chrysene	14.168	228	95742	12.976	ng #	93
84) Bis(2-ethylhexyl)phtha...	14.116	149	26837	6.374	ng #	83
87) Indeno(1,2,3-cd)pyrene	17.227	276	40057	6.792	ng #	94
88) Benzo(b)fluoranthene	15.215	252	124960	21.768	ng #	71
89) Benzo(k)fluoranthene	15.215	252	124960	22.339	ng #	71
90) Benzo(a)pyrene	15.604	252	67628	14.655	ng #	67
92) Benzo(g,h,i)perylene	17.698	276	39056	7.963	ng #	88

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

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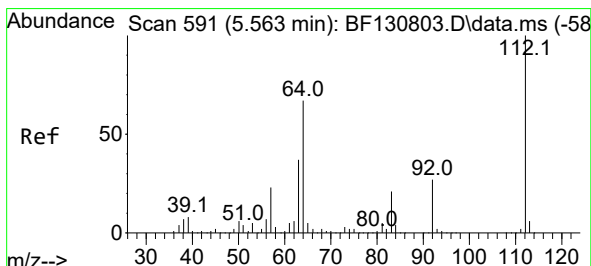
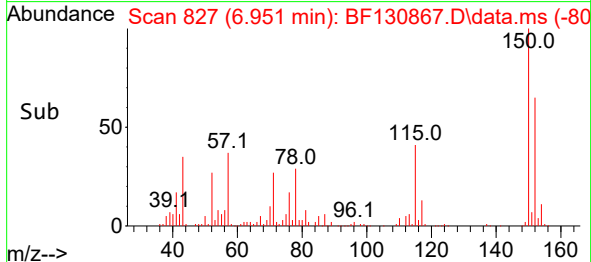
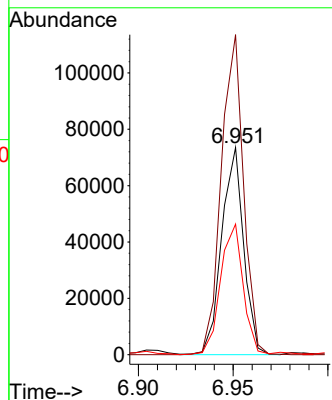
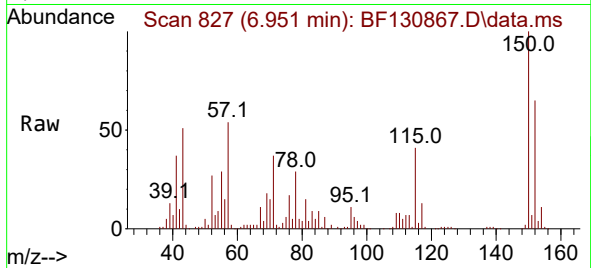




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF130867.D
Acq: 29 Oct 2022 20:20

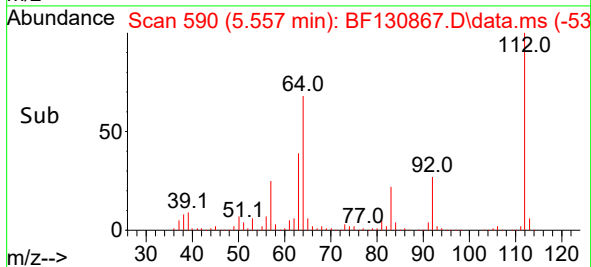
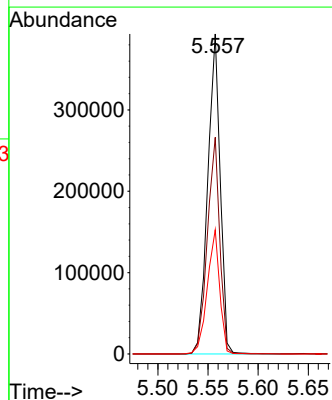
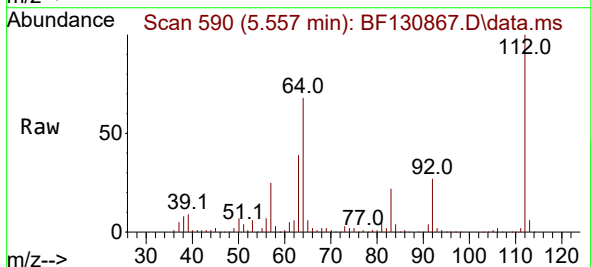
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TP3-1024

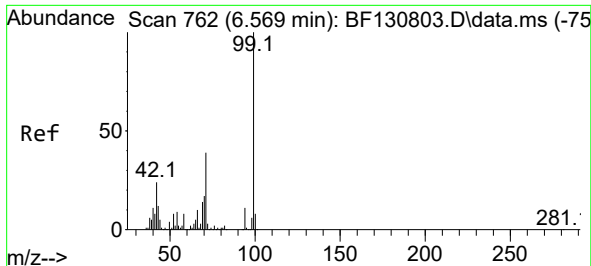
Tgt Ion:152 Resp: 59299
Ion Ratio Lower Upper
152 100
150 154.5 124.1 186.1
115 63.0 50.1 75.1



#5
2-Fluorophenol
Concen: 100.055 ng
RT: 5.557 min Scan# 590
Delta R.T. -0.000 min
Lab File: BF130867.D
Acq: 29 Oct 2022 20:20

Tgt Ion:112 Resp: 342243
Ion Ratio Lower Upper
112 100
64 67.7 53.9 80.9
63 38.8 29.4 44.2





#7

Phenol-d6

Concen: 90.933 ng

RT: 6.563 min Scan# 7

Delta R.T. -0.000 min

Lab File: BF130867.D

Acq: 29 Oct 2022 20:20

Instrument :

BNA_F

ClientSampleId :

TP3-1024

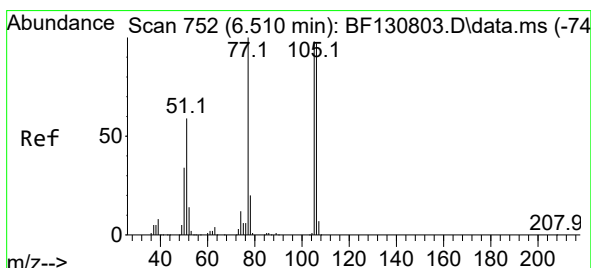
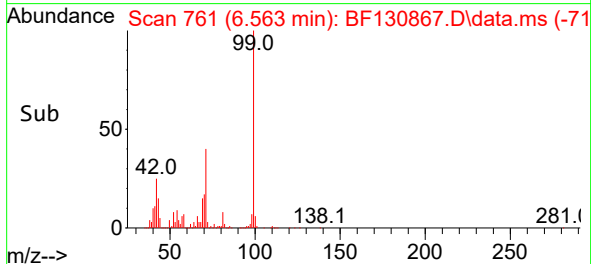
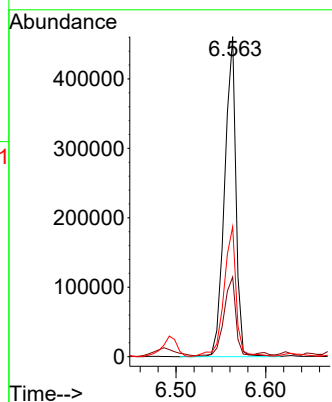
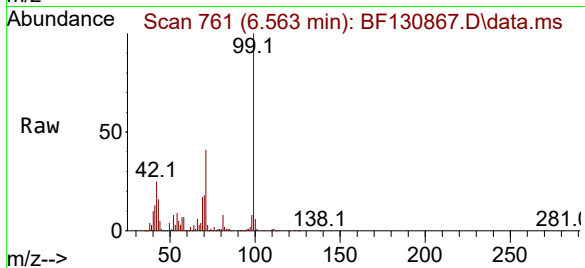
Tgt Ion: 99 Resp: 404196

Ion Ratio Lower Upper

99 100

42 24.9 18.8 28.2

71 40.6 31.4 47.0



#9

Benzaldehyde

Concen: 2.004 ng

RT: 6.504 min Scan# 751

Delta R.T. 0.006 min

Lab File: BF130867.D

Acq: 29 Oct 2022 20:20

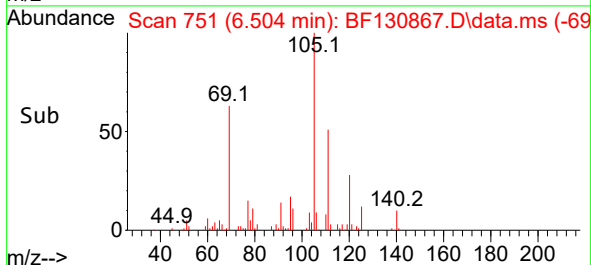
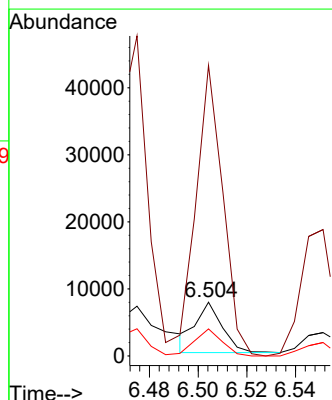
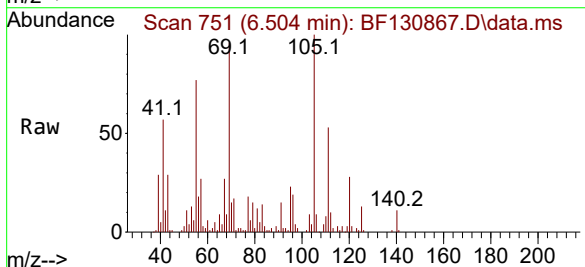
Tgt Ion: 77 Resp: 5700

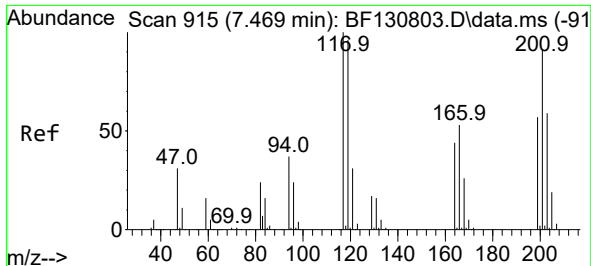
Ion Ratio Lower Upper

77 100

105 540.8 78.2 118.2#

106 50.3 76.6 116.6#

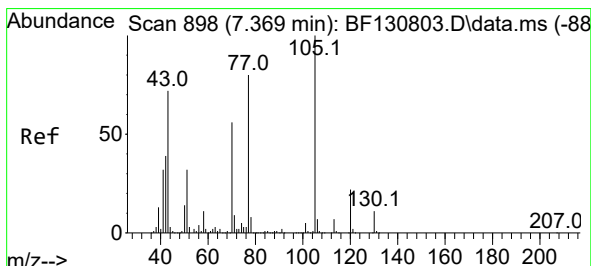
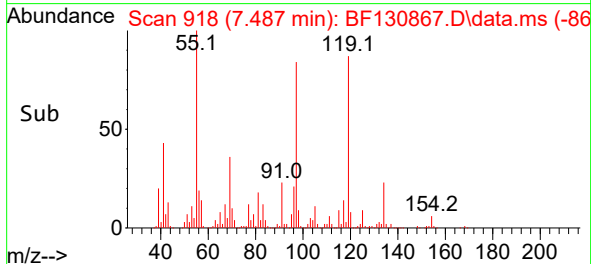
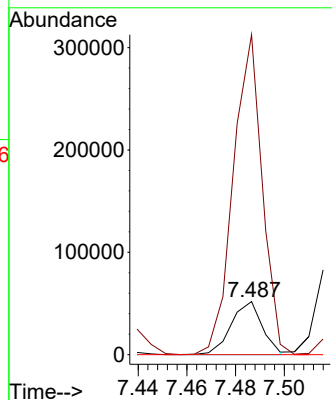
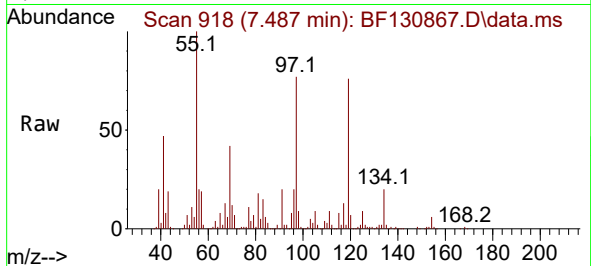




#18
Hexachloroethane
Concen: 29.128 ng
RT: 7.487 min Scan# 91
Delta R.T. 0.023 min
Lab File: BF130867.D
Acq: 29 Oct 2022 20:20

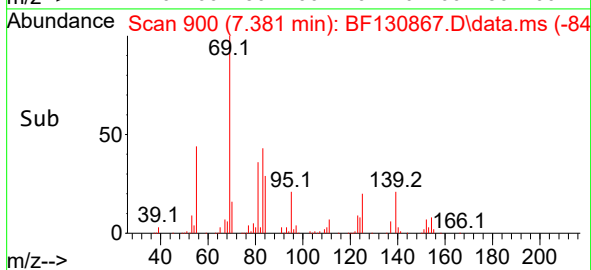
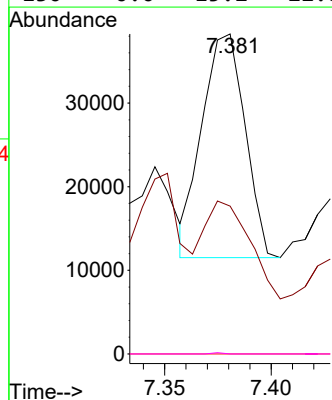
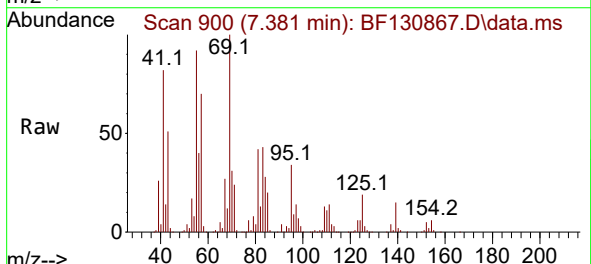
Instrument :
BNA_F
ClientSampleId :
TP3-1024

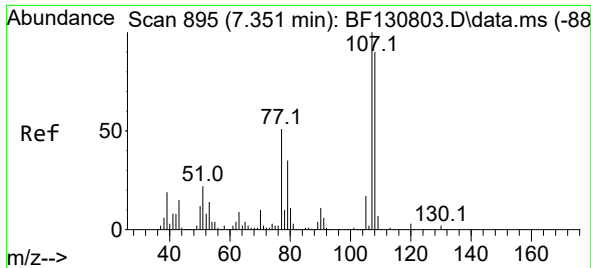
Tgt Ion:117 Resp: 46139
Ion Ratio Lower Upper
117 100
119 602.7 77.1 115.7#
201 0.0 72.9 109.3#



#19
n-Nitroso-di-n-propylamine
Concen: 12.417 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.018 min
Lab File: BF130867.D
Acq: 29 Oct 2022 20:20

Tgt Ion: 70 Resp: 37552
Ion Ratio Lower Upper
70 100
42 46.2 56.1 84.1#
101 0.0 7.3 10.9#
130 0.0 15.2 22.8#

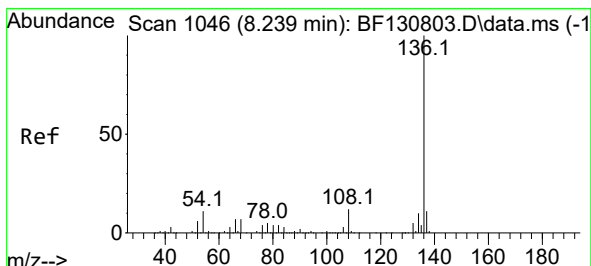
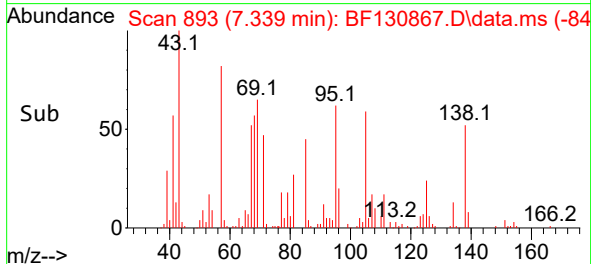
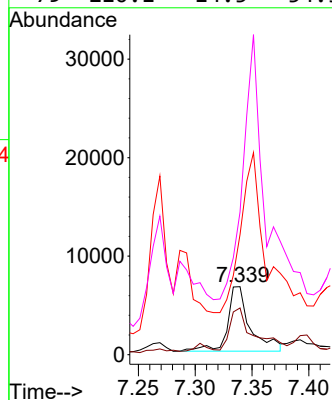
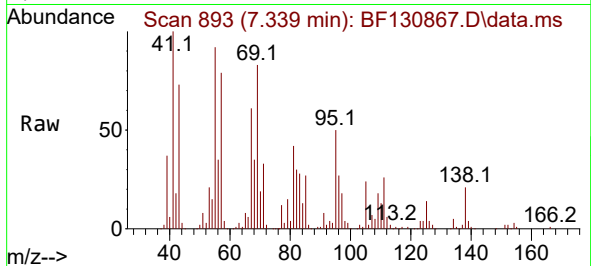




#20
3+4-Methylphenols
Concen: 2.142 ng
RT: 7.339 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF130867.D
Acq: 29 Oct 2022 20:20

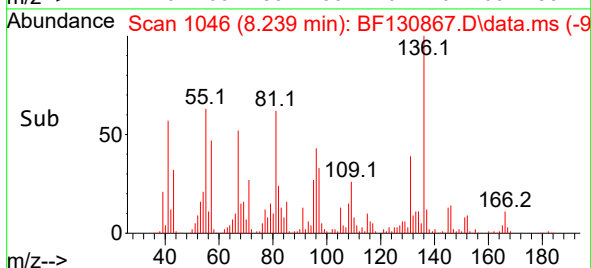
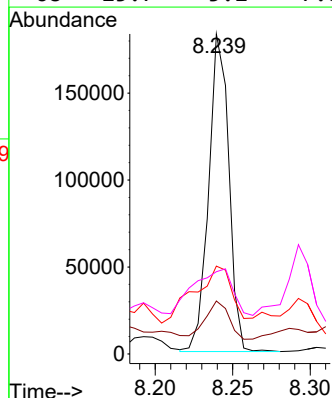
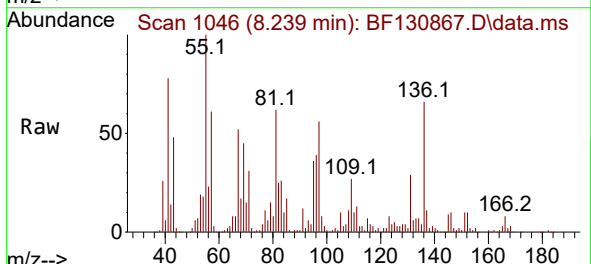
Instrument :
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ClientSampleId :
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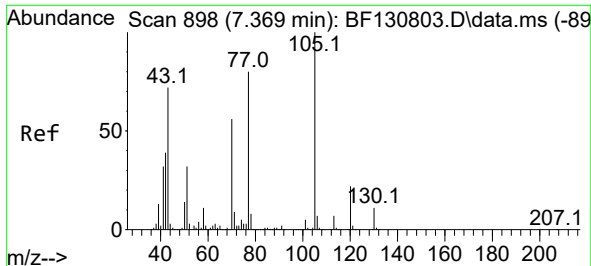
Tgt Ion:107 Resp: 9069
Ion Ratio Lower Upper
107 100
108 68.7 70.4 110.4#
77 176.8 31.1 71.1#
79 210.1 14.5 54.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. 0.006 min
Lab File: BF130867.D
Acq: 29 Oct 2022 20:20

Tgt Ion:136 Resp: 165299
Ion Ratio Lower Upper
136 100
137 16.5 9.2 13.8#
54 27.5 8.8 13.2#
68 25.7 5.2 7.8#

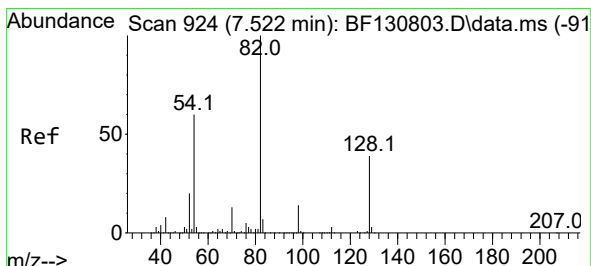
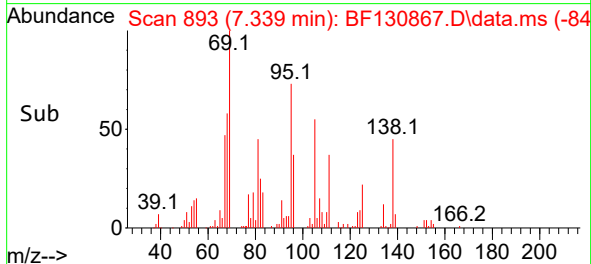
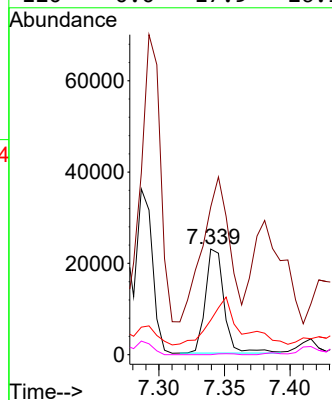
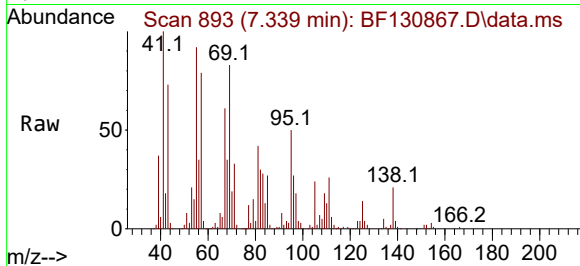




#22
Acetophenone
Concen: 5.667 ng
RT: 7.339 min Scan# 898
Delta R.T. -0.018 min
Lab File: BF130867.D
Acq: 29 Oct 2022 20:20

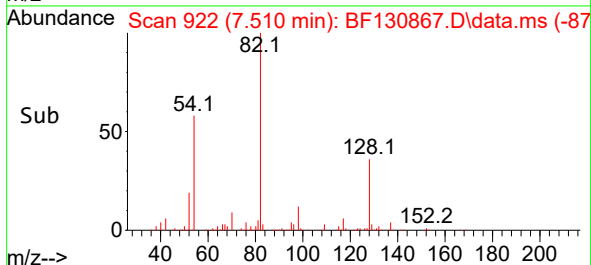
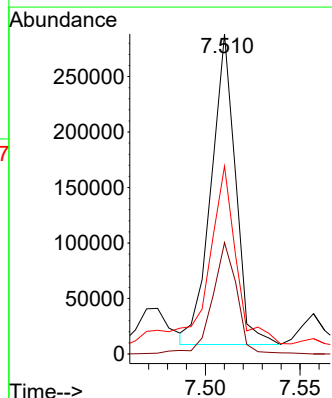
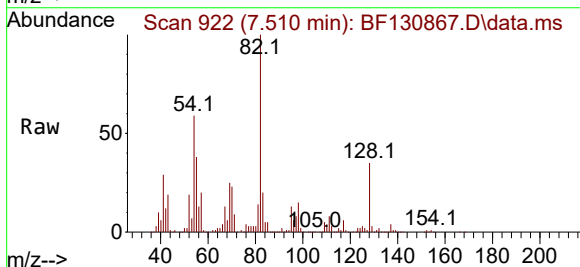
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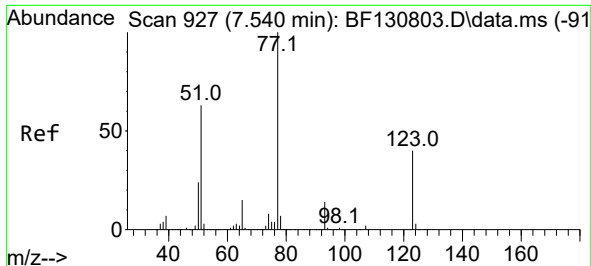
Tgt Ion:105 Resp: 22712
Ion Ratio Lower Upper
105 100
71 140.0 7.2 10.8#
51 32.7 25.9 38.9
120 0.0 17.9 26.9#



#23
Nitrobenzene-d5
Concen: 91.425 ng
RT: 7.510 min Scan# 922
Delta R.T. -0.006 min
Lab File: BF130867.D
Acq: 29 Oct 2022 20:20

Tgt Ion: 82 Resp: 250625
Ion Ratio Lower Upper
82 100
128 34.8 31.2 46.8
54 58.7 48.0 72.0

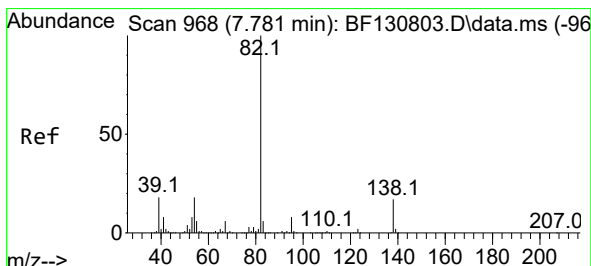
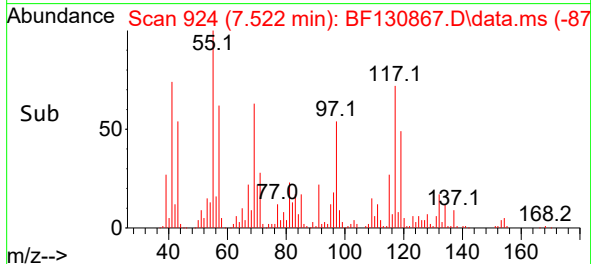
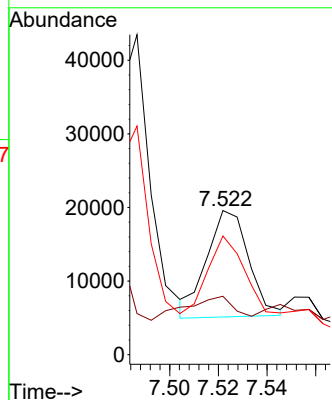
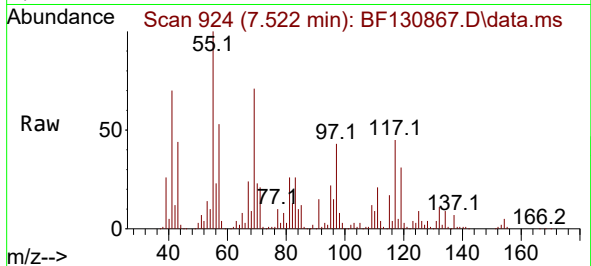




#24
Nitrobenzene
Concen: 5.768 ng
RT: 7.522 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF130867.D
Acq: 29 Oct 2022 20:20

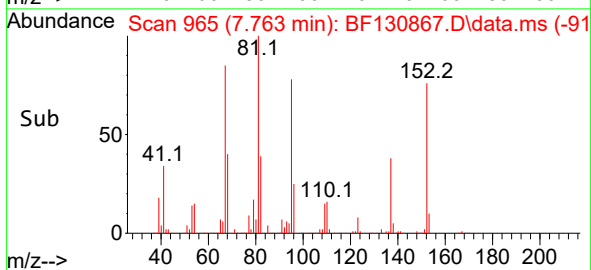
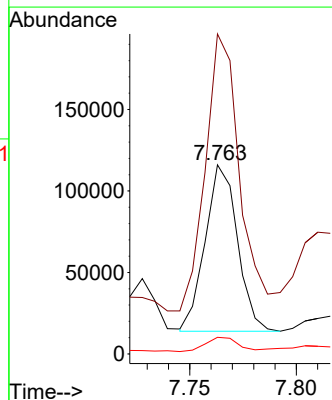
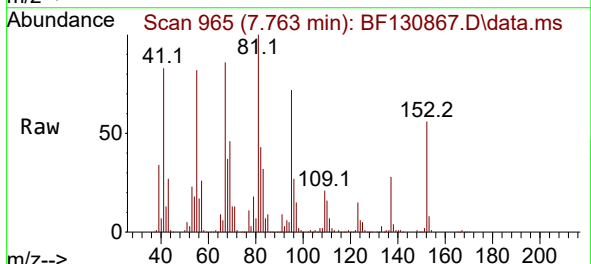
Instrument :
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ClientSampleId :
TP3-1024

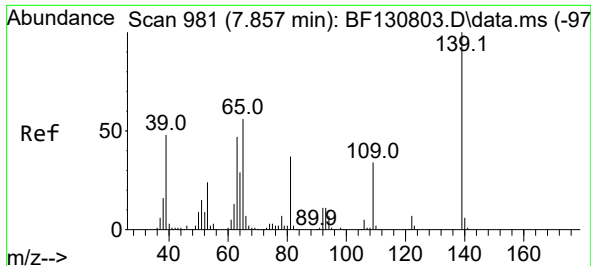
Tgt Ion: 77 Resp: 17289
Ion Ratio Lower Upper
77 100
123 40.5 32.2 48.2
65 82.3 12.0 18.0#



#25
Isophorone
Concen: 19.044 ng
RT: 7.763 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF130867.D
Acq: 29 Oct 2022 20:20

Tgt Ion: 82 Resp: 107656
Ion Ratio Lower Upper
82 100
95 169.2 6.2 9.4#
138 8.8 13.8 20.6#

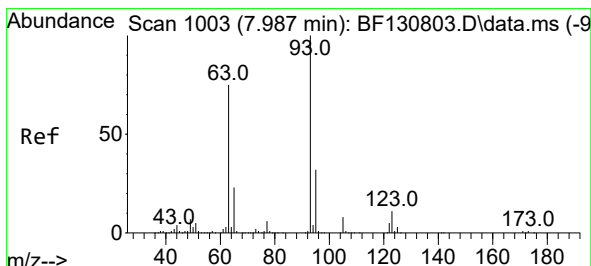
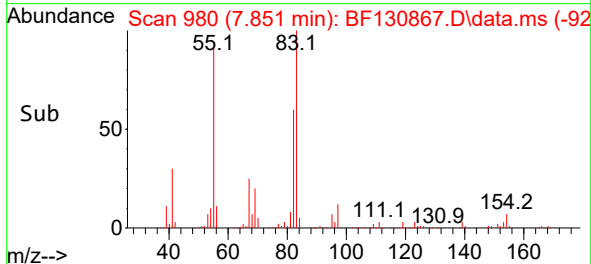
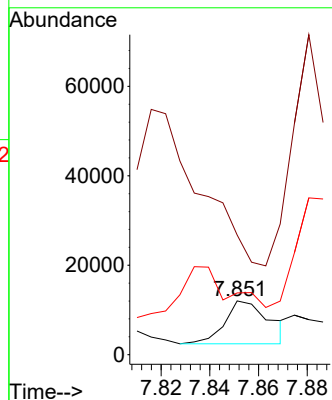
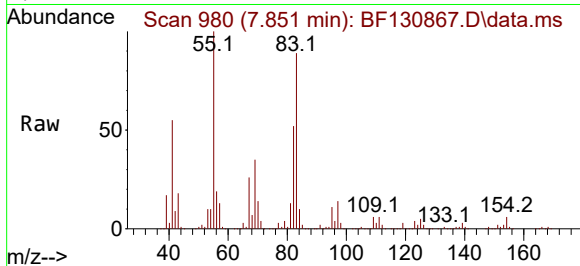




#26
2-Nitrophenol
Concen: 13.508 ng
RT: 7.851 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF130867.D
Acq: 29 Oct 2022 20:20

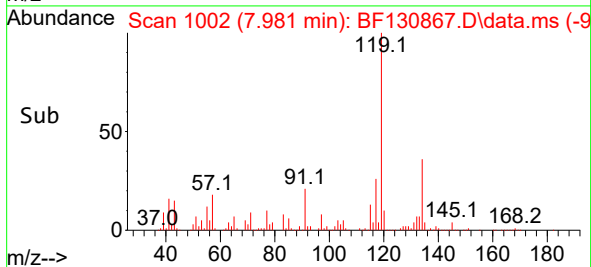
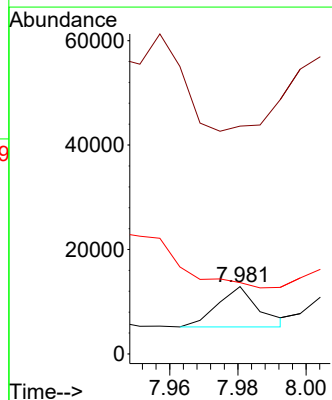
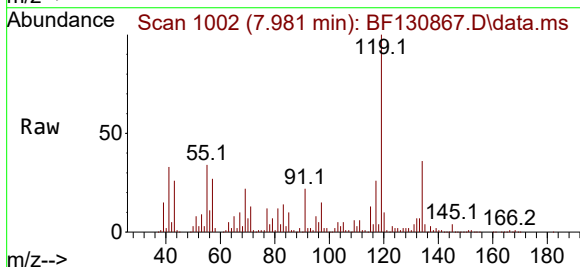
Instrument :
BNA_F
ClientSampleId :
TP3-1024

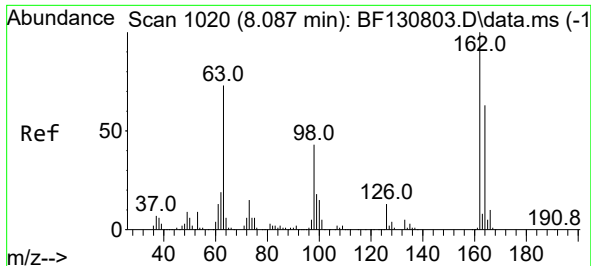
Tgt Ion:139 Resp: 12176
Ion Ratio Lower Upper
139 100
109 222.4 27.3 40.9#
65 114.9 44.6 67.0#



#28
bis(2-Chloroethoxy)methane
Concen: 2.052 ng
RT: 7.981 min Scan# 1002
Delta R.T. -0.000 min
Lab File: BF130867.D
Acq: 29 Oct 2022 20:20

Tgt Ion: 93 Resp: 6479
Ion Ratio Lower Upper
93 100
95 337.9 25.7 38.5#
123 105.8 9.4 14.0#





#29

2,4-Dichlorophenol

Concen: 5.864 ng

RT: 8.069 min Scan# 1017

Delta R.T. -0.012 min

Lab File: BF130867.D

Acq: 29 Oct 2022 20:20

Instrument :

BNA_F

ClientSampleId :

TP3-1024

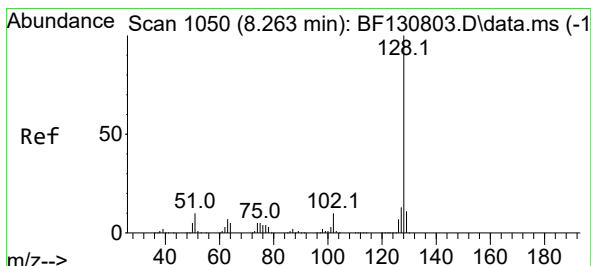
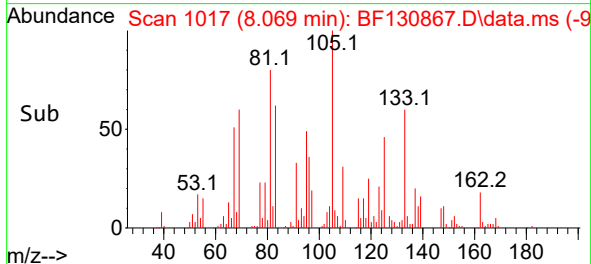
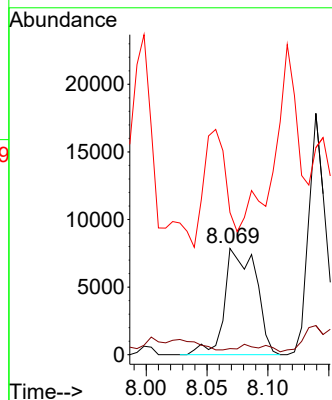
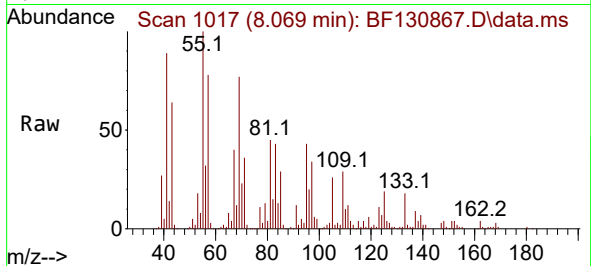
Tgt Ion:162 Resp: 14191

Ion Ratio Lower Upper

162 100

164 5.7 43.2 83.2#

98 133.9 22.8 62.8#



#31

Naphthalene

Concen: 12.924 ng

RT: 8.263 min Scan# 1050

Delta R.T. 0.006 min

Lab File: BF130867.D

Acq: 29 Oct 2022 20:20

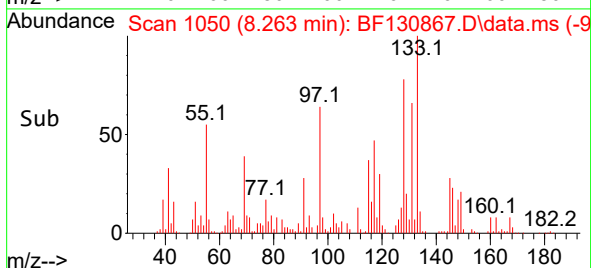
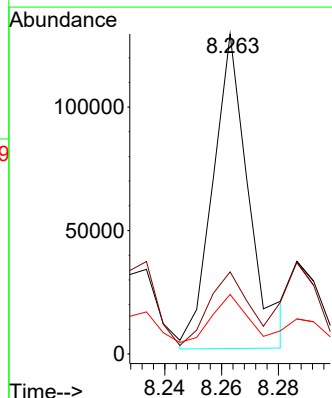
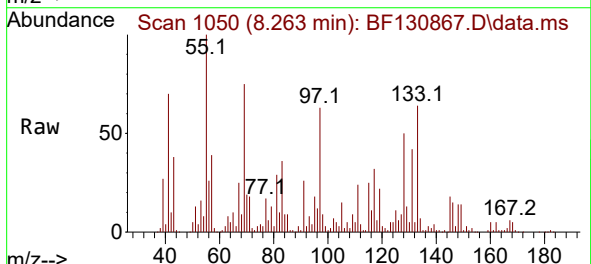
Tgt Ion:128 Resp: 111458

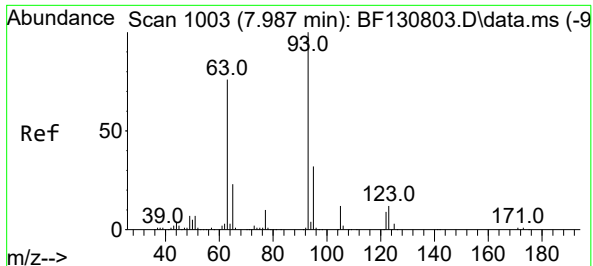
Ion Ratio Lower Upper

128 100

129 25.7 9.0 13.6#

127 18.6 10.6 16.0#

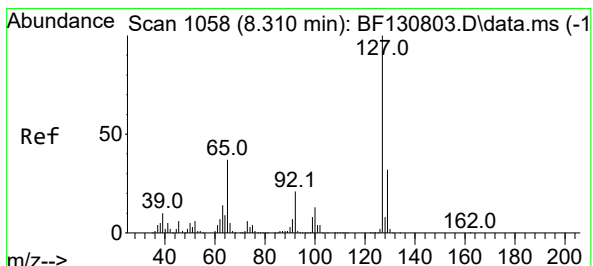
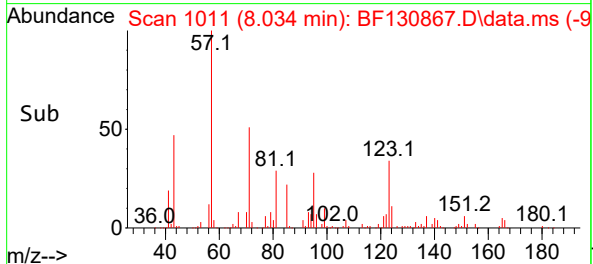
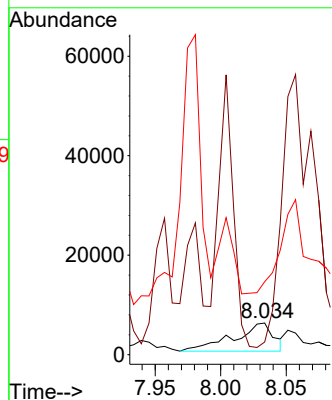
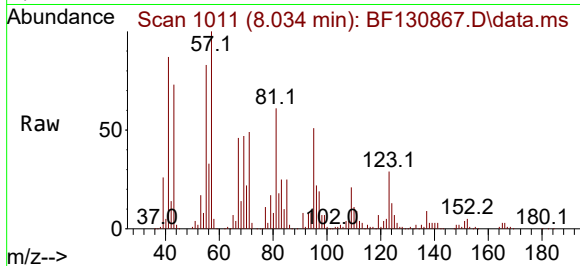




#32
Benzoic acid
Concen: 13.717 ng
RT: 8.034 min Scan# 1011
Delta R.T. 0.047 min
Lab File: BF130867.D
Acq: 29 Oct 2022 20:20

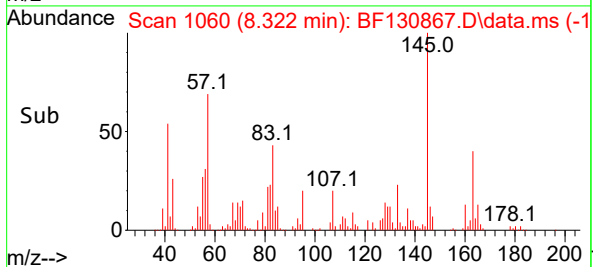
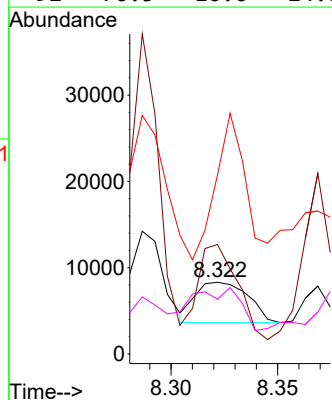
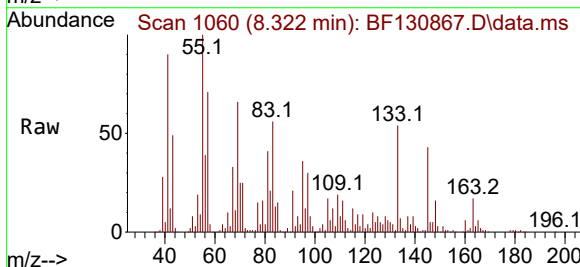
Instrument :
BNA_F
ClientSampleId :
TP3-1024

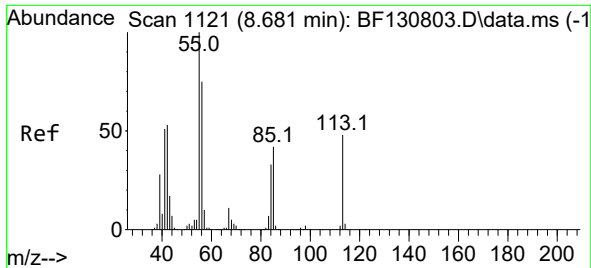
Tgt Ion:122 Resp: 12017
Ion Ratio Lower Upper
122 100
105 39.8 114.5 154.5#
77 230.5 89.8 129.8#



#33
4-Chloroaniline
Concen: 2.369 ng
RT: 8.322 min Scan# 1060
Delta R.T. 0.018 min
Lab File: BF130867.D
Acq: 29 Oct 2022 20:20

Tgt Ion:127 Resp: 8073
Ion Ratio Lower Upper
127 100
129 152.4 25.6 38.4#
65 249.3 29.4 44.2#
92 76.5 16.6 24.8#

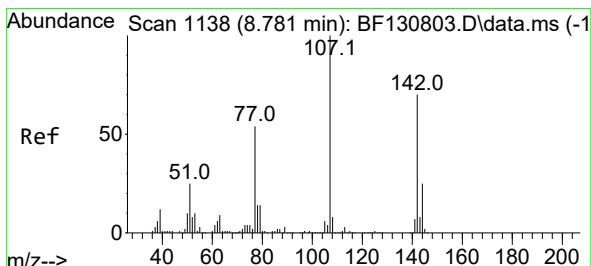
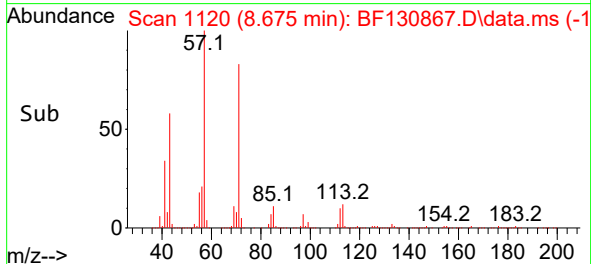
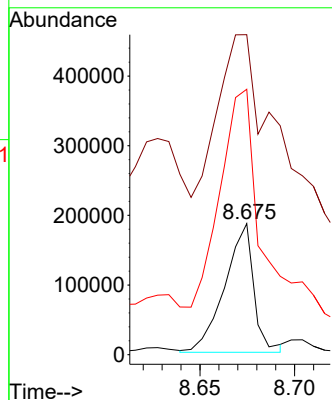
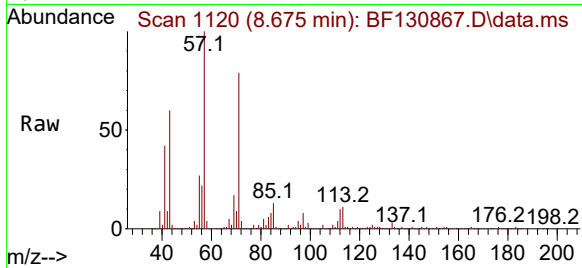




#35
 Caprolactam
 Concen: 254.388 ng
 RT: 8.675 min Scan# 1120
 Delta R.T. -0.006 min
 Lab File: BF130867.D
 Acq: 29 Oct 2022 20:20

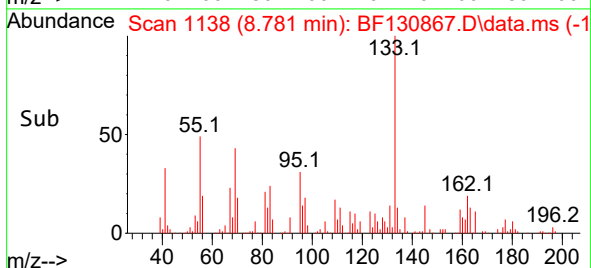
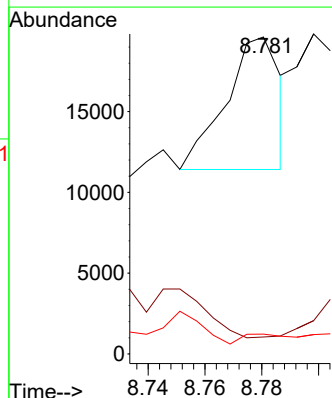
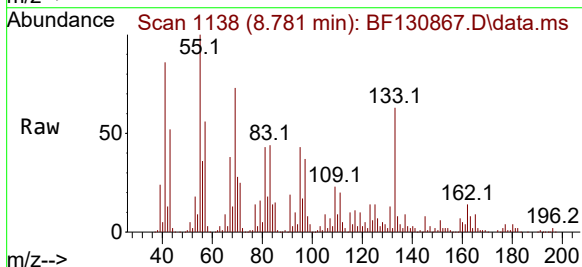
Instrument :
 BNA_F
 ClientSampleId :
 TP3-1024

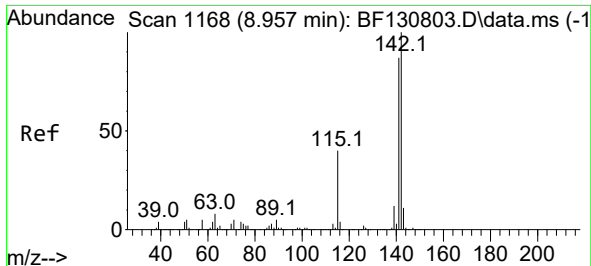
Tgt Ion:113 Resp: 197295
 Ion Ratio Lower Upper
 113 100
 55 244.1 187.0 227.0#
 56 202.6 134.2 174.2#



#36
 4-Chloro-3-methylphenol
 Concen: 4.154 ng
 RT: 8.781 min Scan# 1138
 Delta R.T. 0.006 min
 Lab File: BF130867.D
 Acq: 29 Oct 2022 20:20

Tgt Ion:107 Resp: 10906
 Ion Ratio Lower Upper
 107 100
 144 5.3 19.8 29.8#
 142 6.3 56.0 84.0#

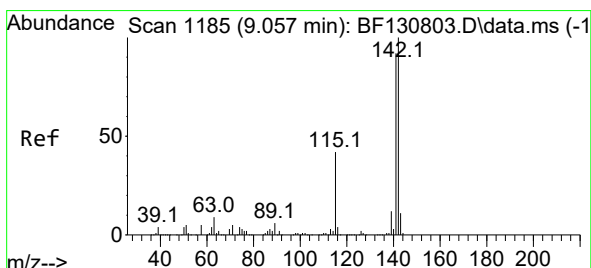
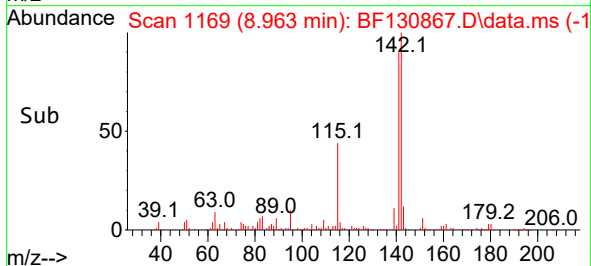
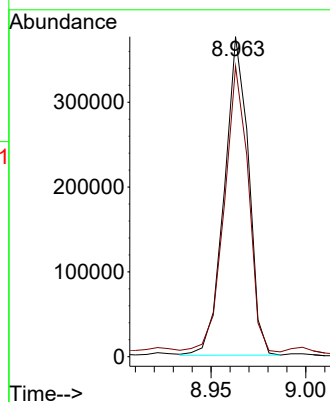
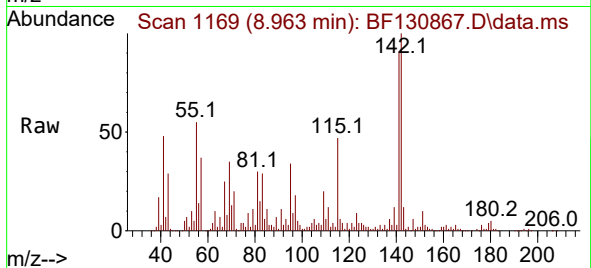




#37
2-Methylnaphthalene
Concen: 61.478 ng
RT: 8.963 min Scan# 1169
Delta R.T. 0.018 min
Lab File: BF130867.D
Acq: 29 Oct 2022 20:20

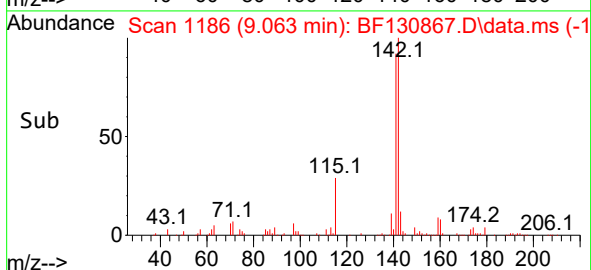
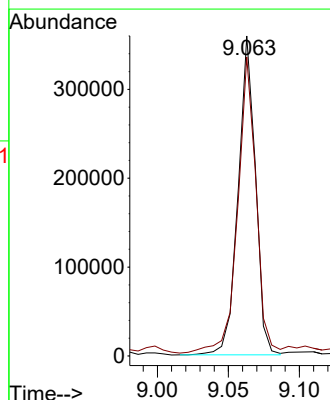
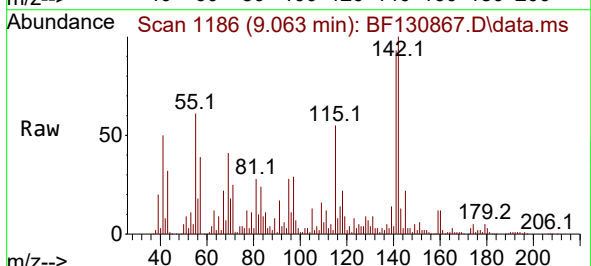
Instrument :
BNA_F
ClientSampleId :
TP3-1024

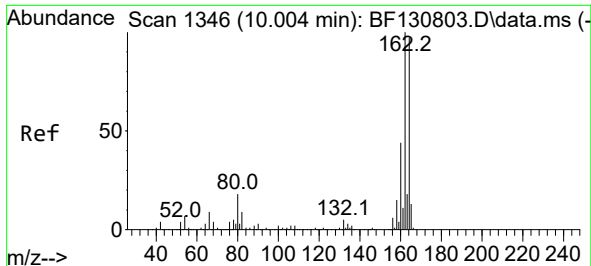
Tgt Ion:142 Resp: 333506
Ion Ratio Lower Upper
142 100
141 90.8 69.9 104.9



#38
1-Methylnaphthalene
Concen: 57.933 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.012 min
Lab File: BF130867.D
Acq: 29 Oct 2022 20:20

Tgt Ion:142 Resp: 305848
Ion Ratio Lower Upper
142 100
141 93.5 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.010 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF130867.D

Acq: 29 Oct 2022 20:20

Instrument :

BNA_F

ClientSampleId :

TP3-1024

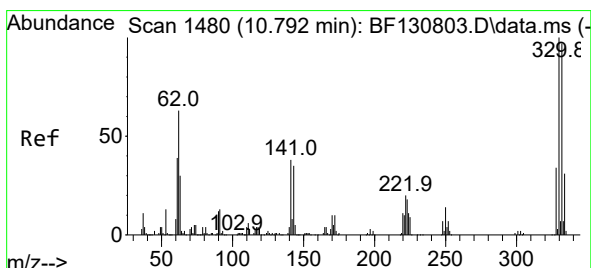
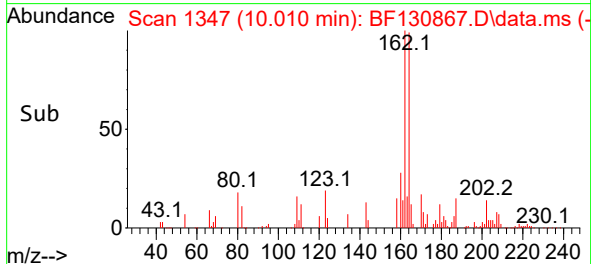
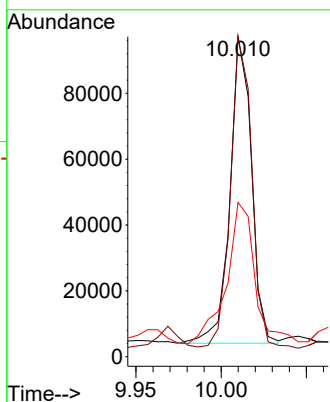
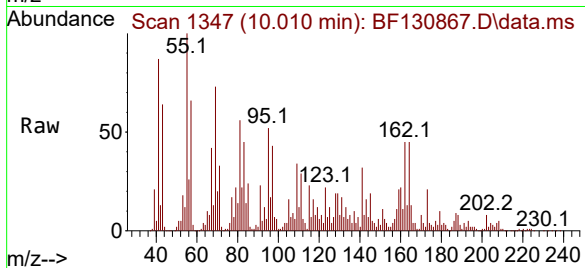
Tgt Ion:164 Resp: 81833

Ion Ratio Lower Upper

164 100

162 99.9 82.2 123.2

160 48.2 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 117.450 ng

RT: 10.798 min Scan# 1481

Delta R.T. 0.012 min

Lab File: BF130867.D

Acq: 29 Oct 2022 20:20

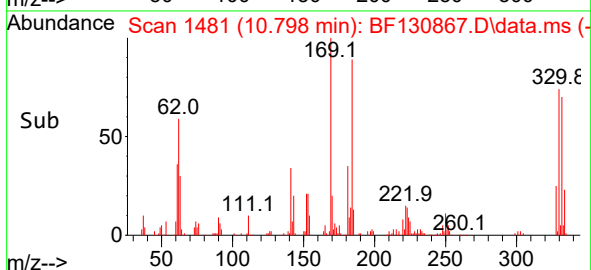
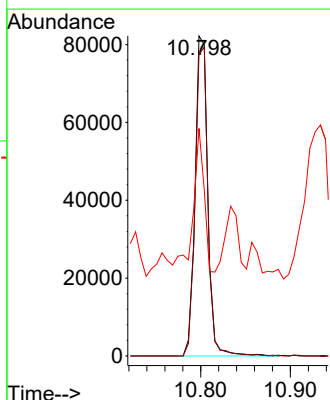
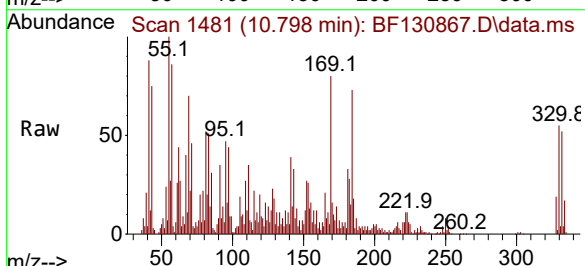
Tgt Ion:330 Resp: 80908

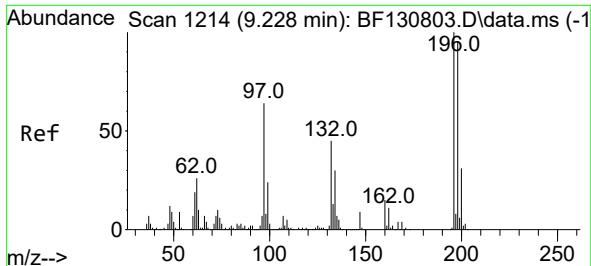
Ion Ratio Lower Upper

330 100

332 96.3 76.2 114.4

141 37.5 31.4 47.0

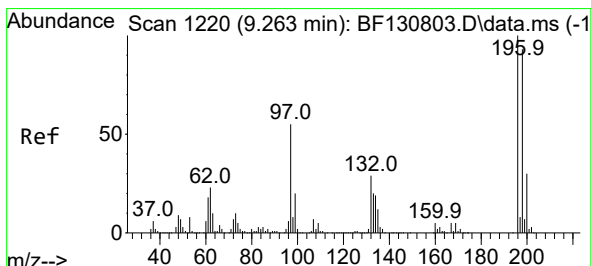
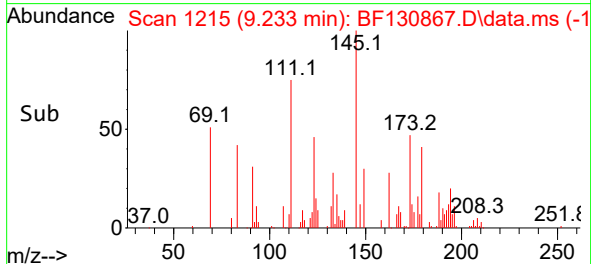
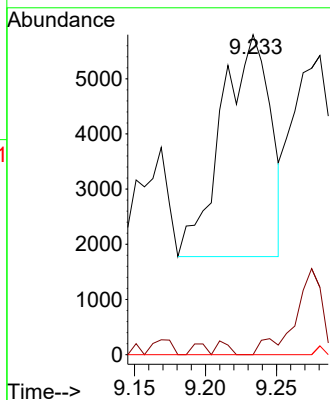
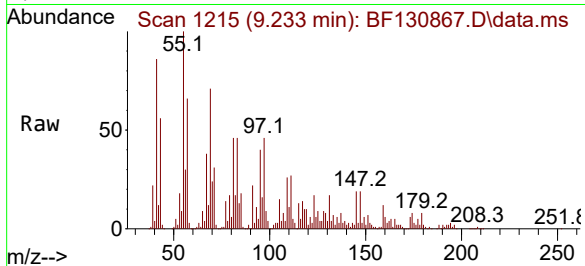




#43
2,4,6-Trichlorophenol
Concen: 5.972 ng
RT: 9.233 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF130867.D
Acq: 29 Oct 2022 20:20

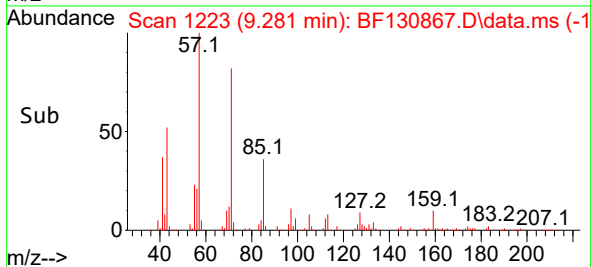
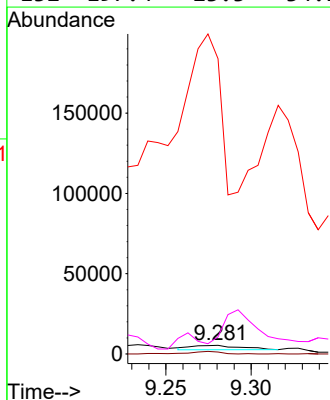
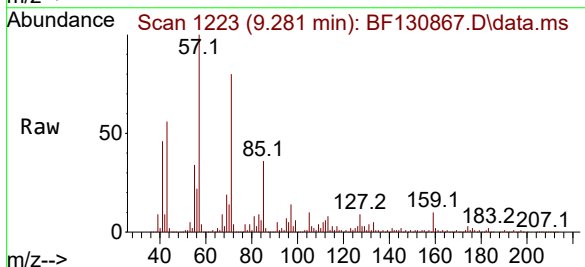
Instrument :
BNA_F
ClientSampleId :
TP3-1024

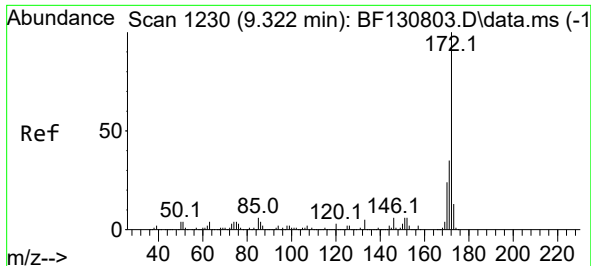
Tgt Ion:196 Resp: 9630
Ion Ratio Lower Upper
196 100
198 0.0 76.1 114.1#
200 0.0 24.5 36.7#



#44
2,4,5-Trichlorophenol
Concen: 3.147 ng
RT: 9.281 min Scan# 1223
Delta R.T. 0.023 min
Lab File: BF130867.D
Acq: 29 Oct 2022 20:20

Tgt Ion:196 Resp: 5422
Ion Ratio Lower Upper
196 100
198 22.5 74.6 112.0#
97 3390.7 44.7 67.1#
132 197.4 23.3 34.9#

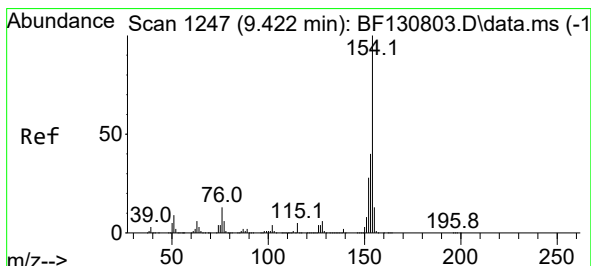
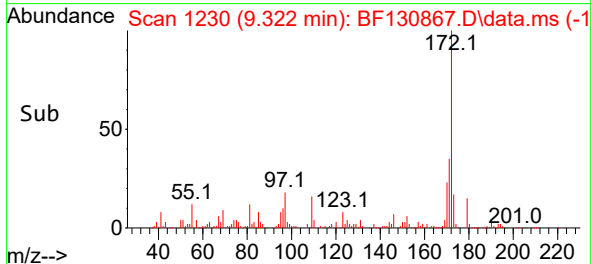
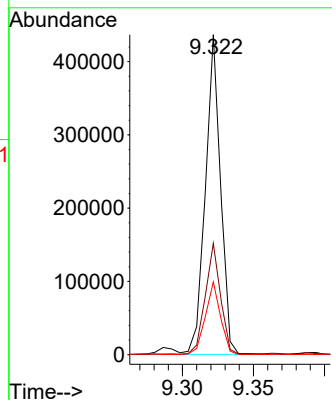
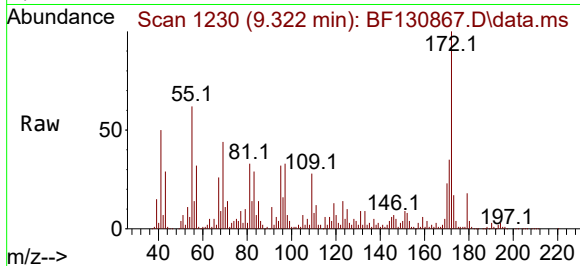




#45
2-Fluorobiphenyl
Concen: 59.767 ng
RT: 9.322 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF130867.D
Acq: 29 Oct 2022 20:20

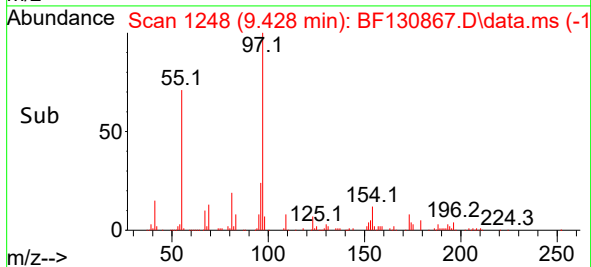
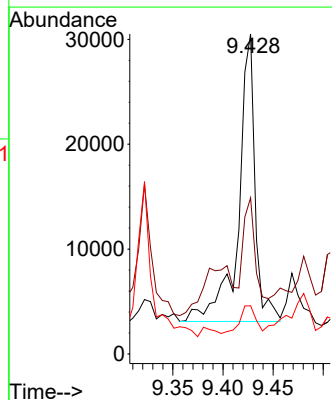
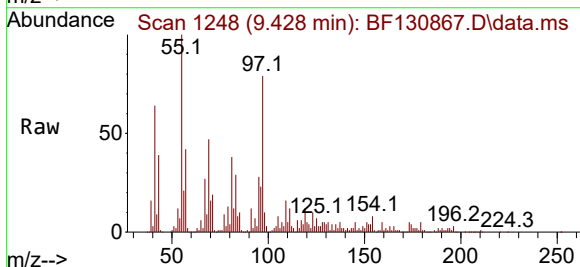
Instrument :
BNA_F
ClientSampleId :
TP3-1024

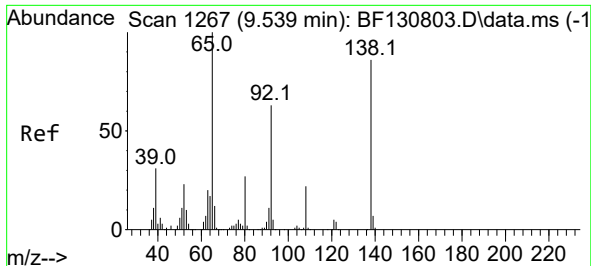
Tgt Ion:172 Resp: 323497
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 22.8 19.0 28.4



#46
1,1'-Biphenyl
Concen: 5.459 ng
RT: 9.428 min Scan# 1248
Delta R.T. 0.012 min
Lab File: BF130867.D
Acq: 29 Oct 2022 20:20

Tgt Ion:154 Resp: 31825
Ion Ratio Lower Upper
154 100
153 48.8 19.9 59.9
76 15.0 0.0 32.5

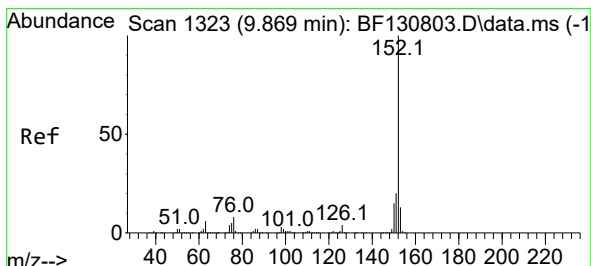
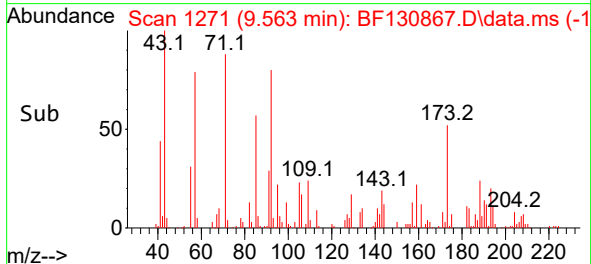
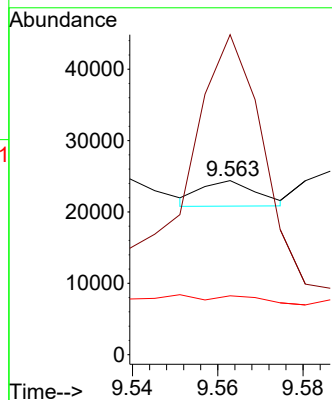
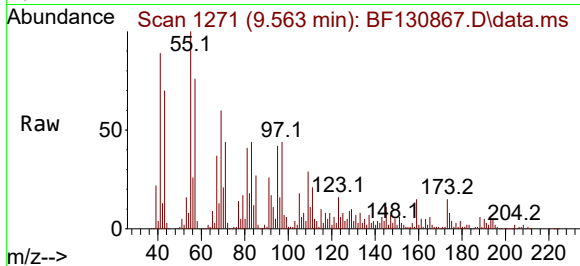




#48
2-Nitroaniline
Concen: 6.094 ng
RT: 9.563 min Scan# 11
Delta R.T. 0.029 min
Lab File: BF130867.D
Acq: 29 Oct 2022 20:20

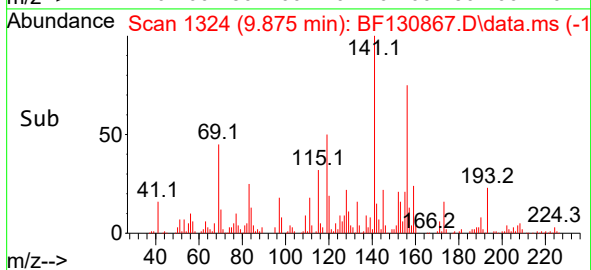
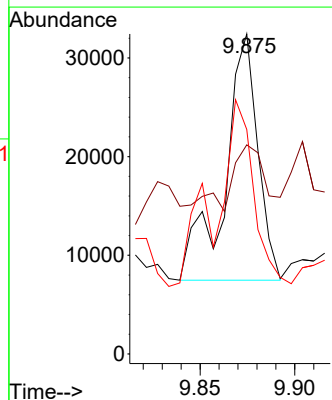
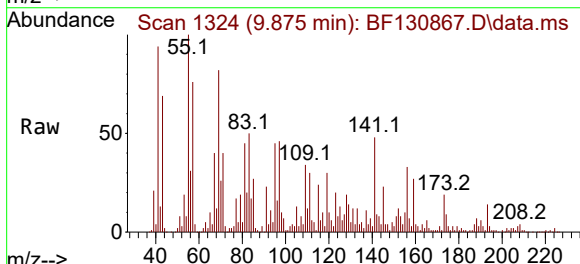
Instrument :
BNA_F
ClientSampleId :
TP3-1024

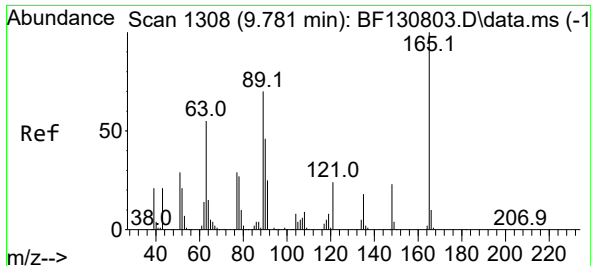
Tgt Ion: 65 Resp: 3203
Ion Ratio Lower Upper
65 100
92 183.8 50.1 75.1#
138 33.8 69.2 103.8#



#49
Acenaphthylene
Concen: 4.065 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.018 min
Lab File: BF130867.D
Acq: 29 Oct 2022 20:20

Tgt Ion: 152 Resp: 30029
Ion Ratio Lower Upper
152 100
151 65.3 15.8 23.8#
153 70.1 10.2 15.4#

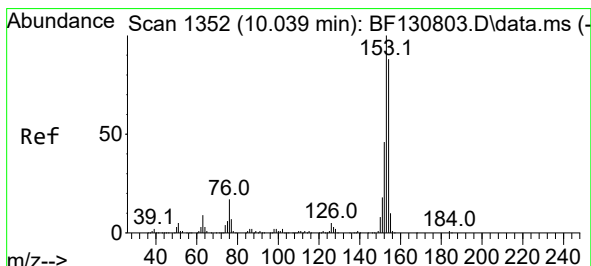
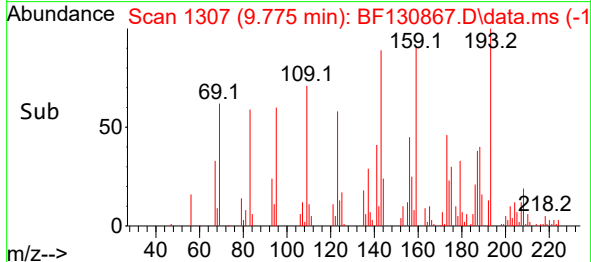
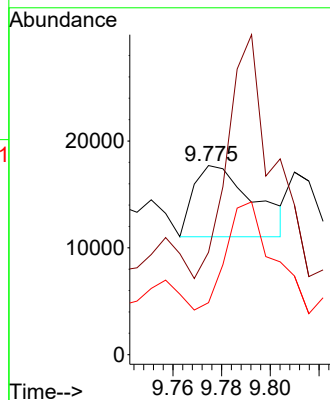
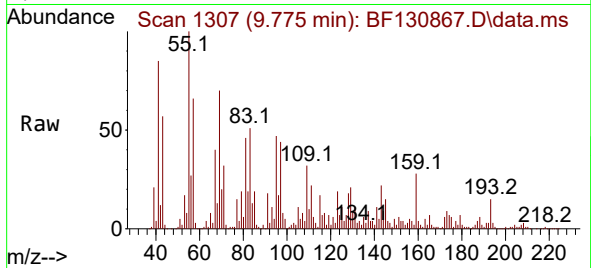




#51
2,6-Dinitrotoluene
Concen: 12.755 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130867.D
Acq: 29 Oct 2022 20:20

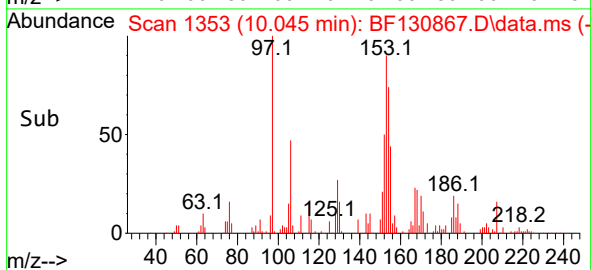
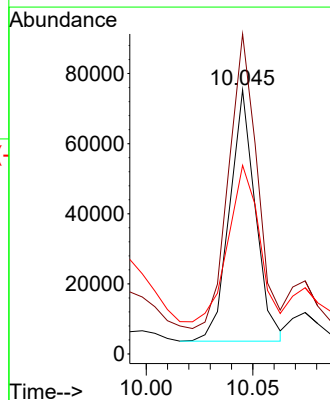
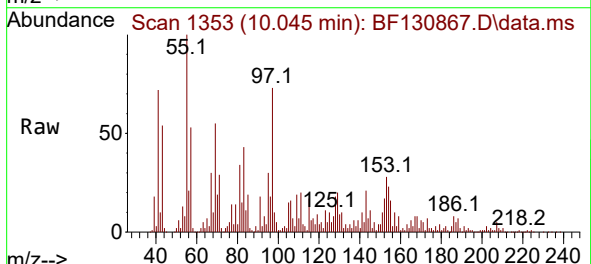
Instrument :
BNA_F
ClientSampleId :
TP3-1024

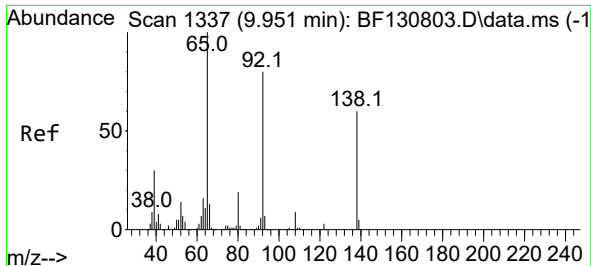
Tgt Ion:165 Resp: 11306
Ion Ratio Lower Upper
165 100
63 54.2 61.8 92.8#
89 27.5 56.2 84.4#



#52
Acenaphthene
Concen: 13.261 ng
RT: 10.045 min Scan# 1353
Delta R.T. 0.012 min
Lab File: BF130867.D
Acq: 29 Oct 2022 20:20

Tgt Ion:154 Resp: 60579
Ion Ratio Lower Upper
154 100
153 121.2 90.5 135.7
152 71.5 42.0 63.0#

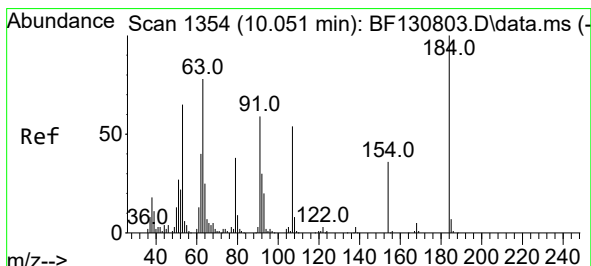
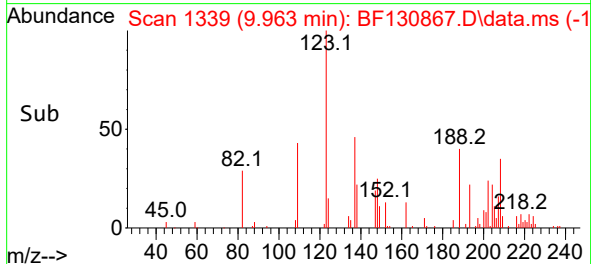
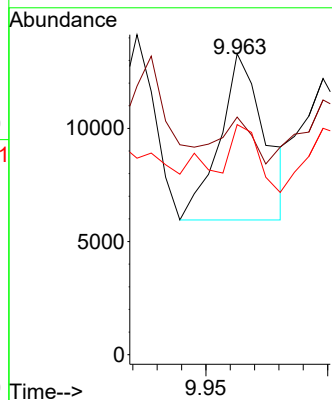
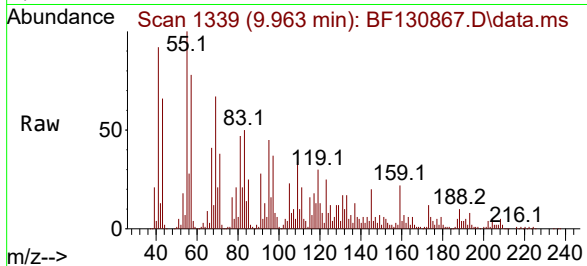




#53
3-Nitroaniline
Concen: 8.685 ng
RT: 9.963 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF130867.D
Acq: 29 Oct 2022 20:20

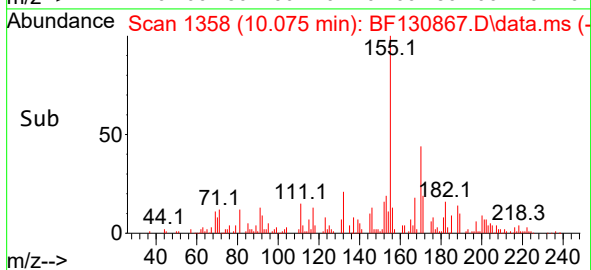
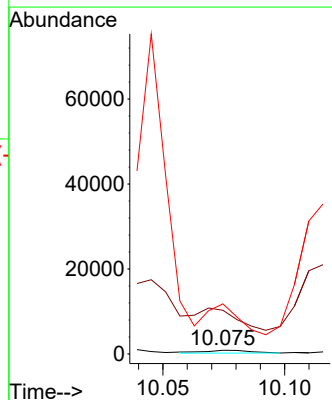
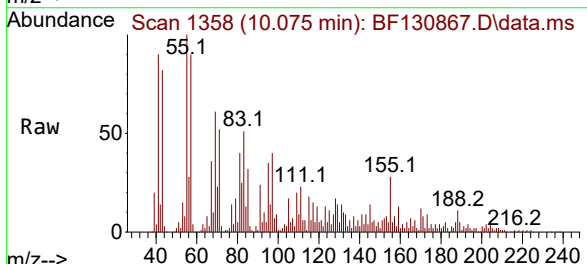
Instrument :
BNA_F
ClientSampleId :
TP3-1024

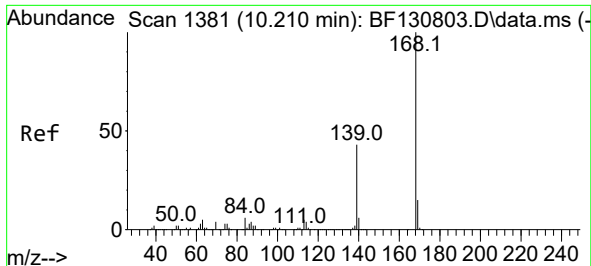
Tgt Ion:138 Resp: 9508
Ion Ratio Lower Upper
138 100
108 79.0 12.7 19.1#
92 76.5 107.8 161.8#



#54
2,4-Dinitrophenol
Concen: 6.753 ng
RT: 10.075 min Scan# 1358
Delta R.T. 0.029 min
Lab File: BF130867.D
Acq: 29 Oct 2022 20:20

Tgt Ion:184 Resp: 862
Ion Ratio Lower Upper
184 100
63 1163.8 66.7 100.1#
154 1333.8 62.2 93.2#

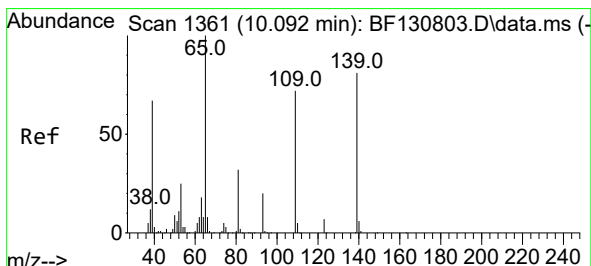
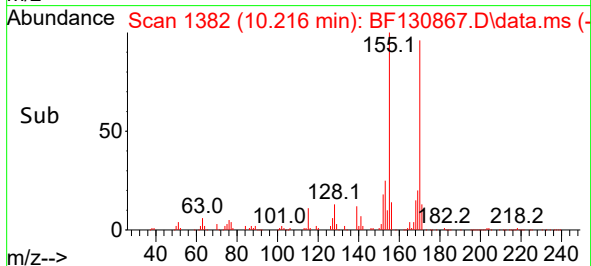
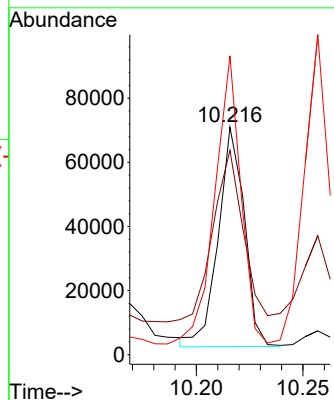
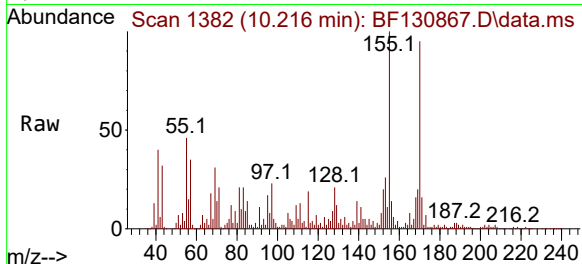




#55
Dibenzenofuran
Concen: 8.819 ng
RT: 10.216 min Scan# 1381
Delta R.T. 0.012 min
Lab File: BF130867.D
Acq: 29 Oct 2022 20:20

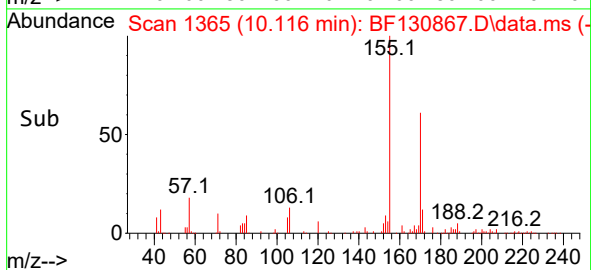
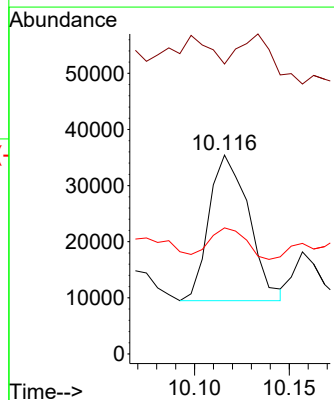
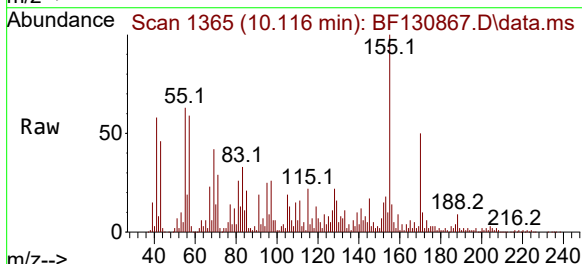
Instrument :
BNA_F
ClientSampleId :
TP3-1024

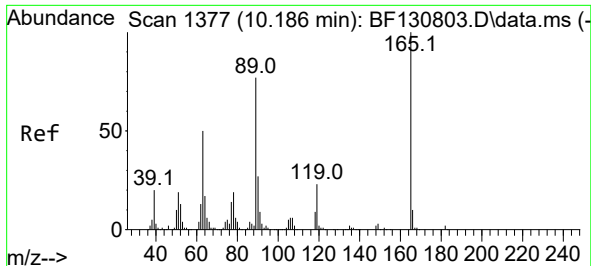
Tgt Ion:168 Resp: 58397
Ion Ratio Lower Upper
168 100
139 89.8 34.3 51.5#
169 131.4 11.9 17.9#



#56
4-Nitrophenol
Concen: 43.894 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.023 min
Lab File: BF130867.D
Acq: 29 Oct 2022 20:20

Tgt Ion:139 Resp: 38050
Ion Ratio Lower Upper
139 100
109 145.7 69.3 109.3#
65 63.3 105.3 145.3#

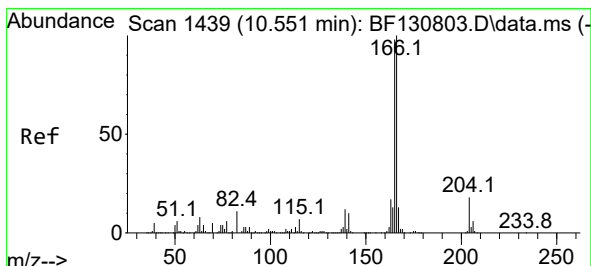
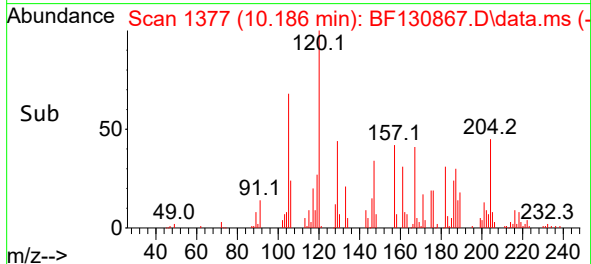
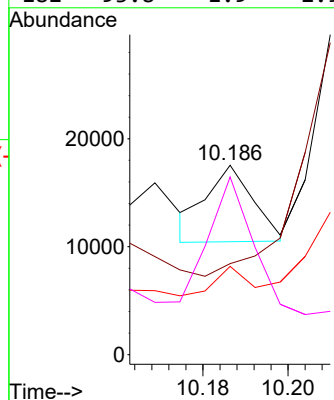
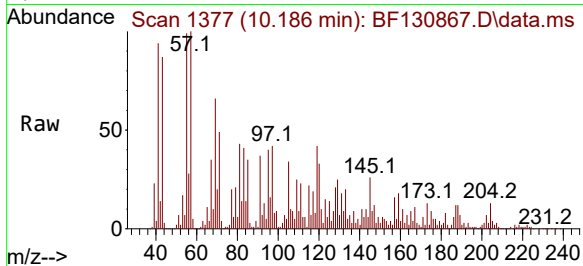




#57
2,4-Dinitrotoluene
Concen: 7.389 ng
RT: 10.186 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF130867.D
Acq: 29 Oct 2022 20:20

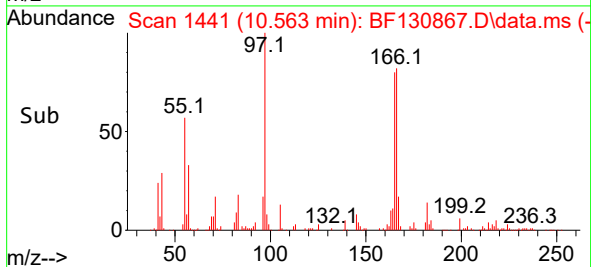
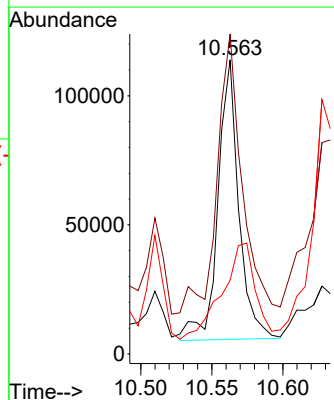
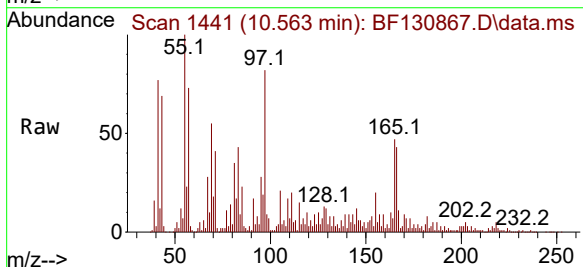
Instrument :
BNA_F
ClientSampleId :
TP3-1024

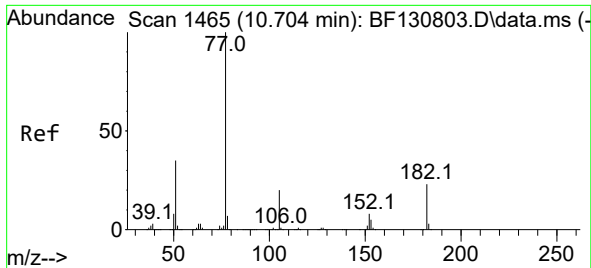
Tgt Ion:165 Resp: 5358
Ion Ratio Lower Upper
165 100
63 48.0 39.8 59.6
89 46.6 61.9 92.9#
182 93.8 1.9 2.9#



#58
Fluorene
Concen: 21.212 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.018 min
Lab File: BF130867.D
Acq: 29 Oct 2022 20:20

Tgt Ion:166 Resp: 110596
Ion Ratio Lower Upper
166 100
165 108.8 78.1 117.1
167 25.1 10.4 15.6#

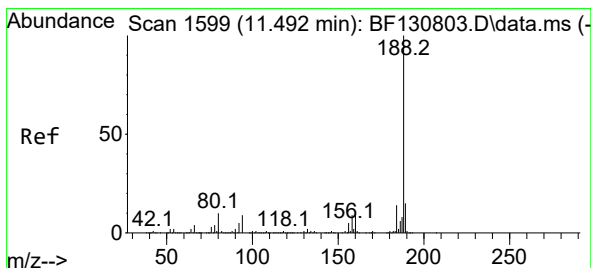
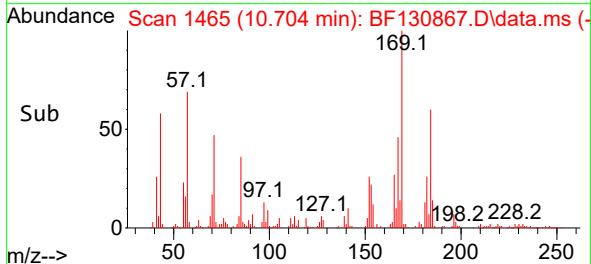
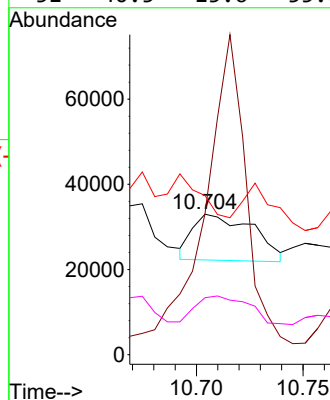
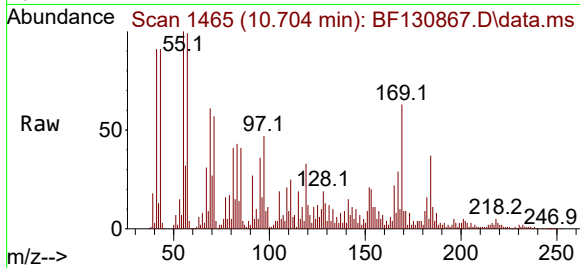




#63
Azobenzene
Concen: 3.661 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF130867.D
Acq: 29 Oct 2022 20:20

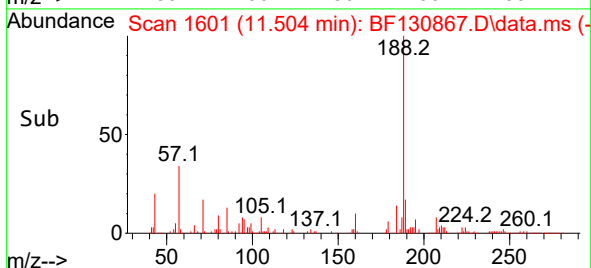
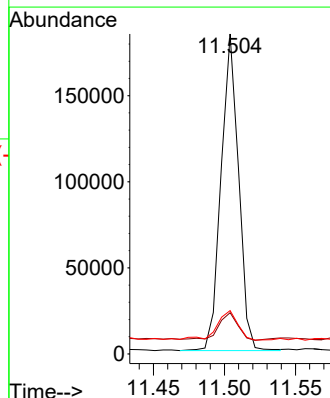
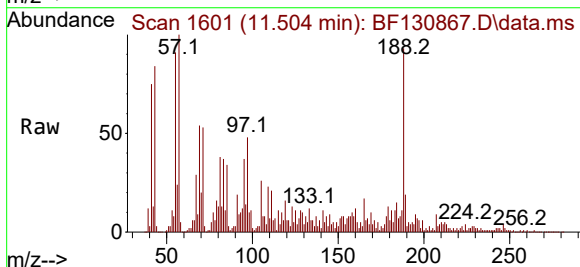
Instrument :
BNA_F
ClientSampleId :
TP3-1024

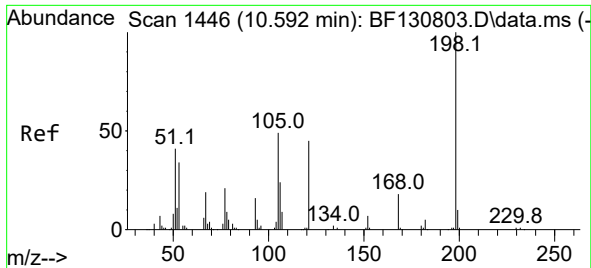
Tgt Ion:	77	Resp:	21123
Ion	Ratio	Lower	Upper
77	100		
182	100.4	2.6	42.6#
105	113.3	0.0	40.0#
51	40.5	15.6	55.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1601
Delta R.T. 0.018 min
Lab File: BF130867.D
Acq: 29 Oct 2022 20:20

Tgt Ion:	188	Resp:	157658
Ion	Ratio	Lower	Upper
188	100		
94	12.9	7.4	11.2#
80	13.6	8.0	12.0#

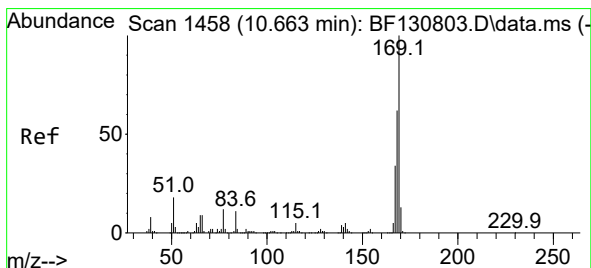
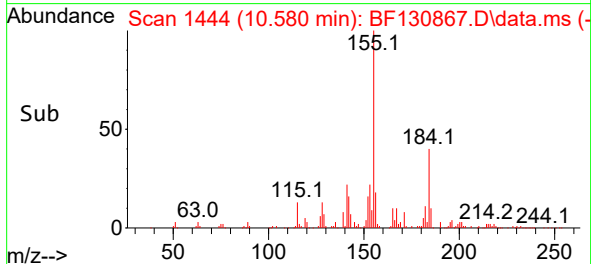
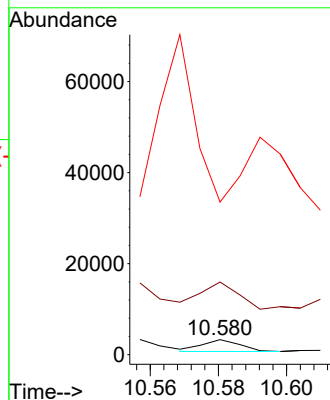
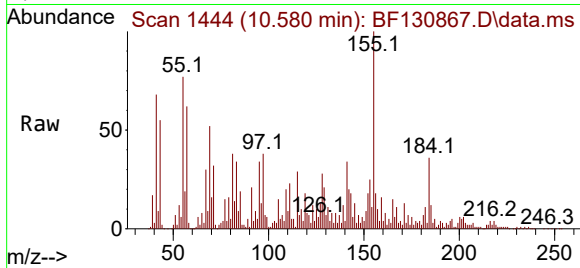




#65
4,6-Dinitro-2-methylphenol
Concen: 10.428 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF130867.D
Acq: 29 Oct 2022 20:20

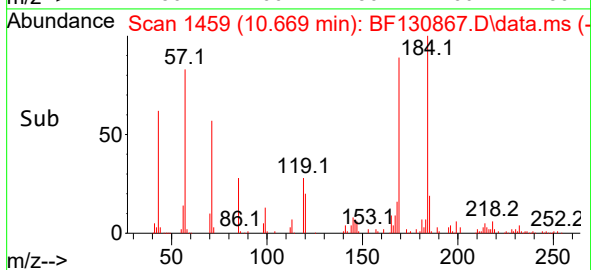
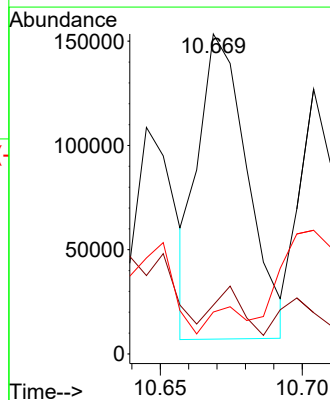
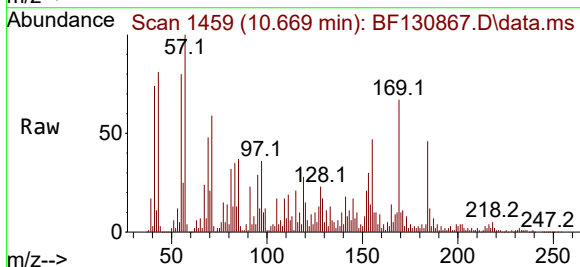
Instrument :
BNA_F
ClientSampleId :
TP3-1024

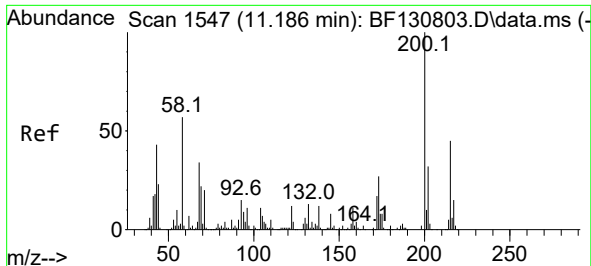
Tgt Ion:198 Resp: 1973
Ion Ratio Lower Upper
198 100
51 485.6 39.0 79.0#
105 1020.5 30.6 70.6#



#66
n-Nitrosodiphenylamine
Concen: 35.709 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.012 min
Lab File: BF130867.D
Acq: 29 Oct 2022 20:20

Tgt Ion:169 Resp: 175603
Ion Ratio Lower Upper
169 100
168 15.2 49.4 74.0#
167 13.1 27.4 41.2#





#69

Atrazine

Concen: 2.789 ng

RT: 11.192 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF130867.D

Acq: 29 Oct 2022 20:20

Instrument :

BNA_F

ClientSampleId :

TP3-1024

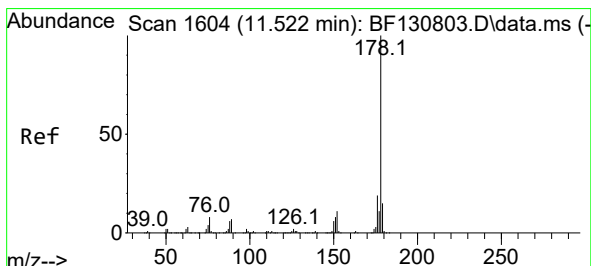
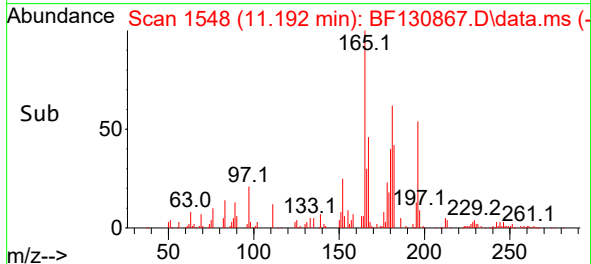
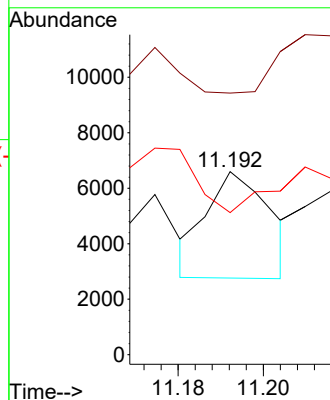
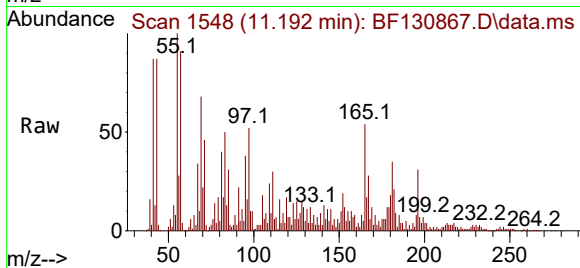
Tgt Ion:200 Resp: 3961

Ion Ratio Lower Upper

200 100

173 142.9 7.1 47.1#

215 77.6 25.4 65.4#



#71

Phenanthrene

Concen: 63.977 ng

RT: 11.533 min Scan# 1606

Delta R.T. 0.023 min

Lab File: BF130867.D

Acq: 29 Oct 2022 20:20

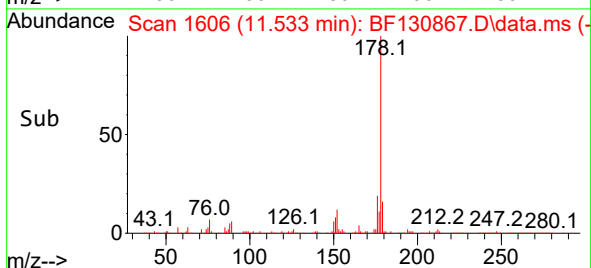
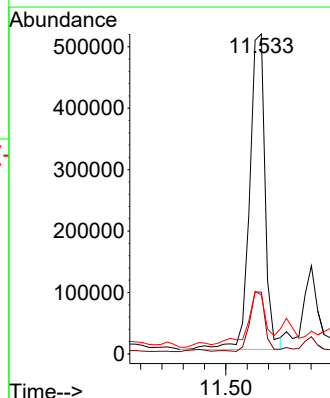
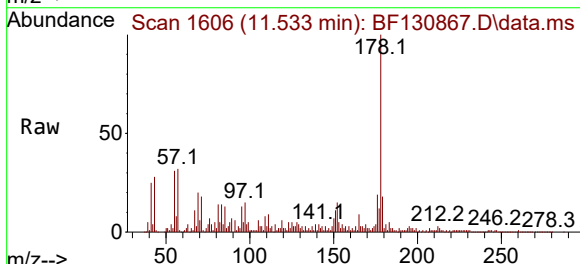
Tgt Ion:178 Resp: 520593

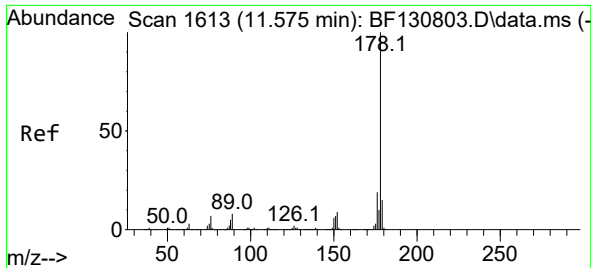
Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

179 18.4 12.2 18.2#

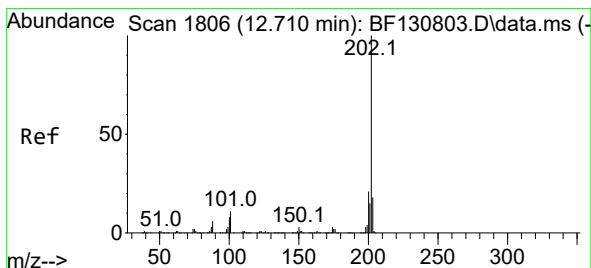
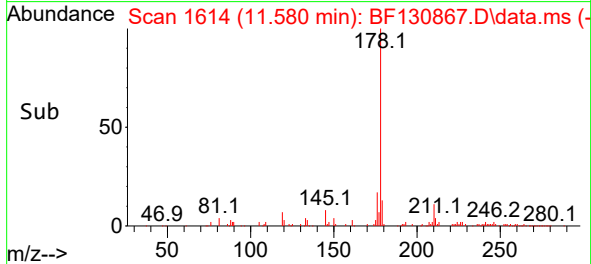
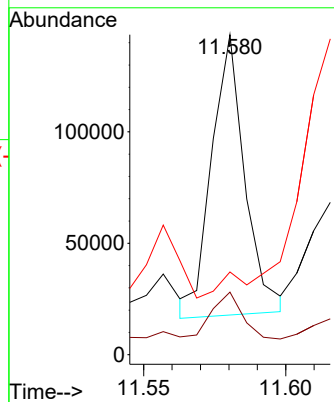
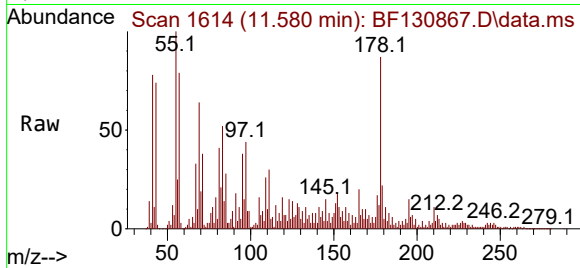




#72
 Anthracene
 Concen: 12.761 ng
 RT: 11.580 min Scan# 1
 Delta R.T. 0.018 min
 Lab File: BF130867.D
 Acq: 29 Oct 2022 20:20

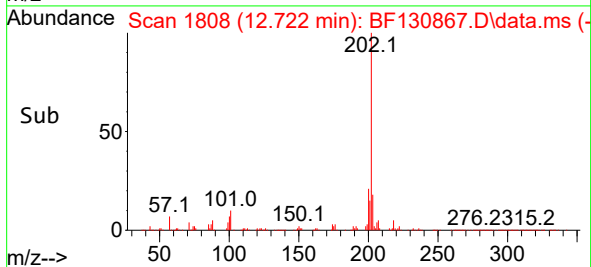
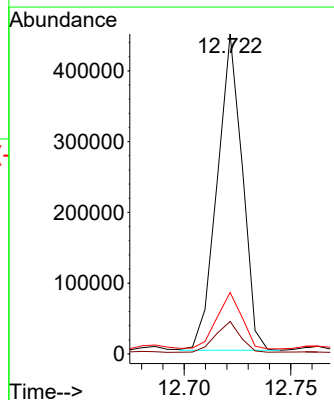
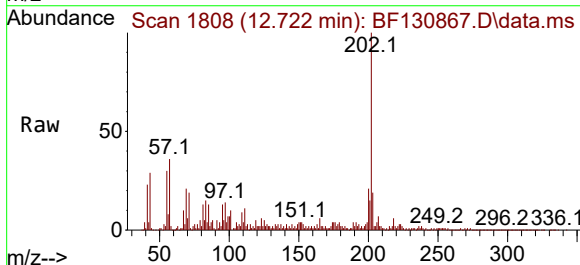
Instrument :
 BNA_F
 ClientSampleId :
 TP3-1024

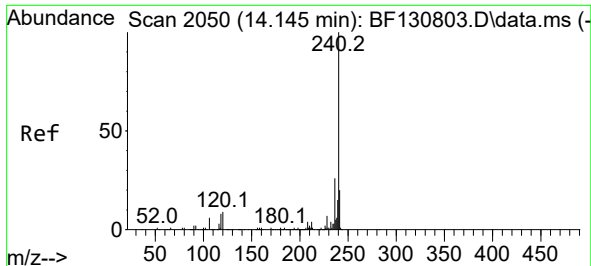
Tgt Ion:178 Resp: 102417
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.0
 179 25.8 12.2 18.4#



#75
 Fluoranthene
 Concen: 42.361 ng
 RT: 12.722 min Scan# 1808
 Delta R.T. 0.018 min
 Lab File: BF130867.D
 Acq: 29 Oct 2022 20:20

Tgt Ion:202 Resp: 366240
 Ion Ratio Lower Upper
 202 100
 101 10.2 0.0 30.9
 203 19.2 0.0 37.7

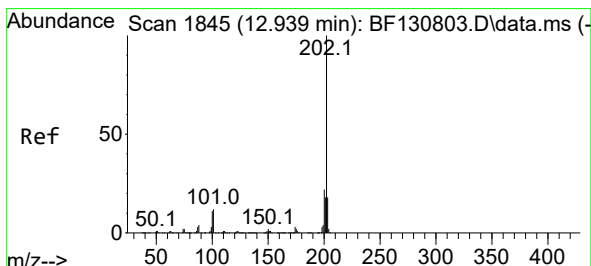
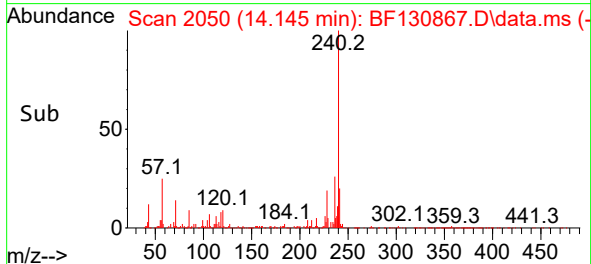
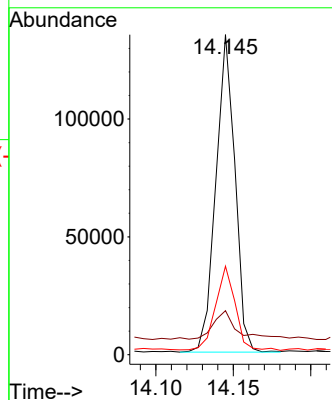
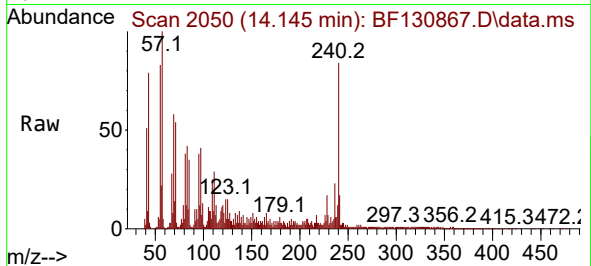




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2050
Delta R.T. 0.012 min
Lab File: BF130867.D
Acq: 29 Oct 2022 20:20

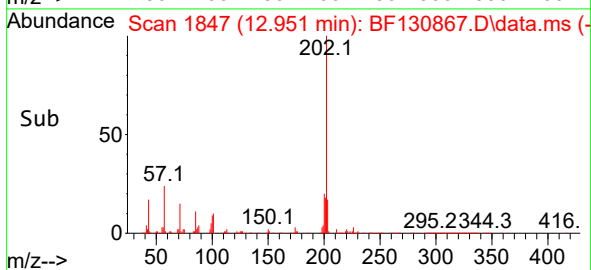
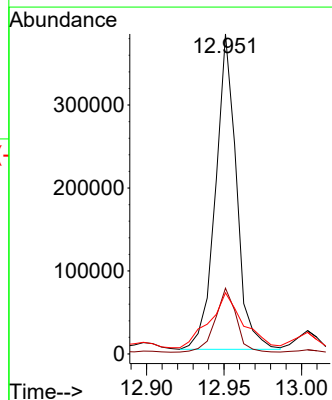
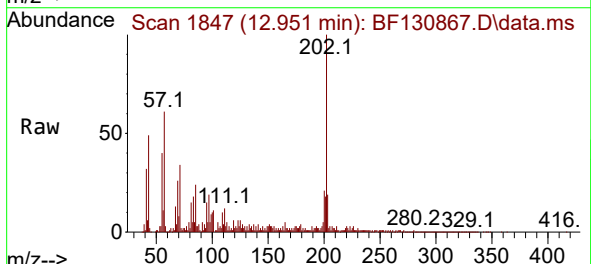
Instrument :
BNA_F
ClientSampleId :
TP3-1024

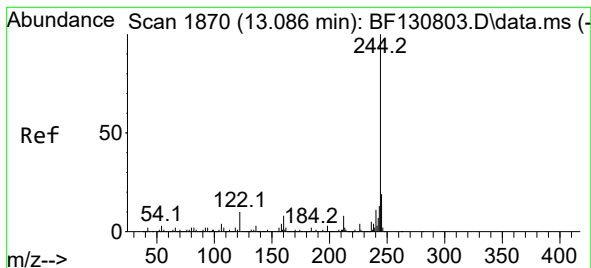
Tgt Ion:240 Resp: 115373
Ion Ratio Lower Upper
240 100
120 13.8 7.0 10.4#
236 27.7 20.5 30.7



#78
Pyrene
Concen: 36.681 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.018 min
Lab File: BF130867.D
Acq: 29 Oct 2022 20:20

Tgt Ion:202 Resp: 357049
Ion Ratio Lower Upper
202 100
200 20.5 17.2 25.8
203 19.1 14.5 21.7





#79

Terphenyl-d14

Concen: 68.334 ng

RT: 13.086 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF130867.D

Acq: 29 Oct 2022 20:20

Instrument :

BNA_F

ClientSampleId :

TP3-1024

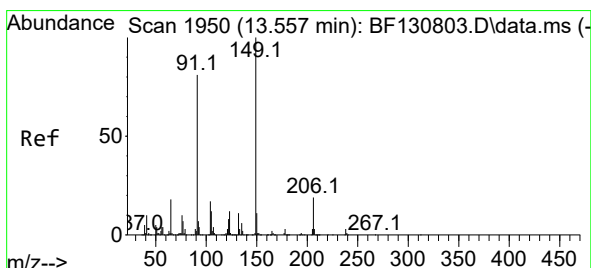
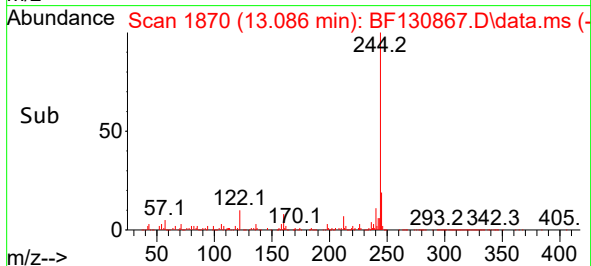
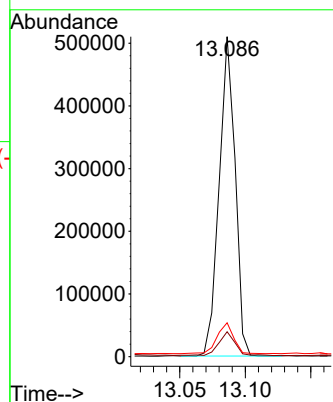
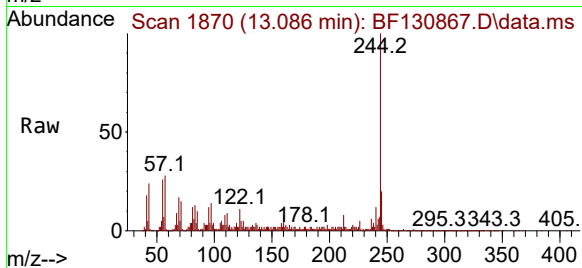
Tgt Ion:244 Resp: 430237

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

122 10.6 7.9 11.9



#80

Butylbenzylphthalate

Concen: 3.207 ng

RT: 13.480 min Scan# 1937

Delta R.T. -0.071 min

Lab File: BF130867.D

Acq: 29 Oct 2022 20:20

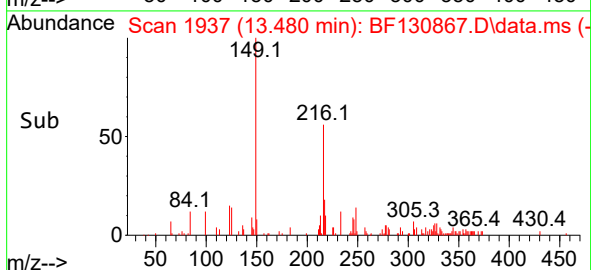
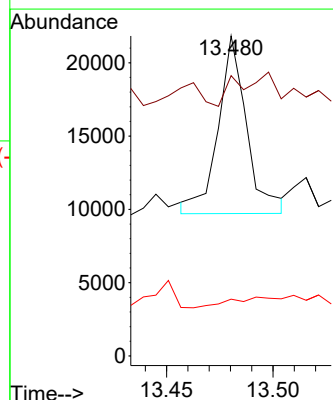
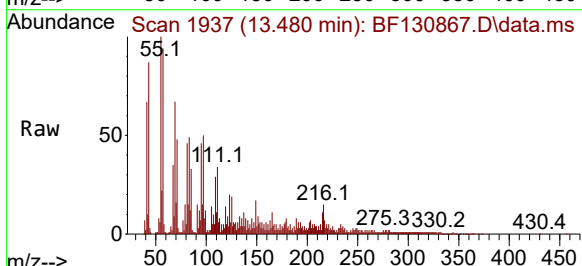
Tgt Ion:149 Resp: 11231

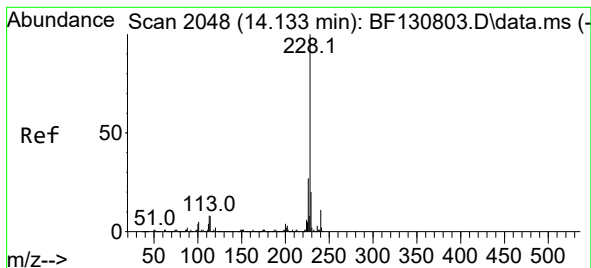
Ion Ratio Lower Upper

149 100

91 87.6 64.5 96.7

206 17.8 15.3 22.9





#81

Benzo(a)anthracene

Concen: 14.657 ng

RT: 14.133 min Scan# 2048

Delta R.T. 0.012 min

Lab File: BF130867.D

Acq: 29 Oct 2022 20:20

Instrument :

BNA_F

ClientSampleId :

TP3-1024

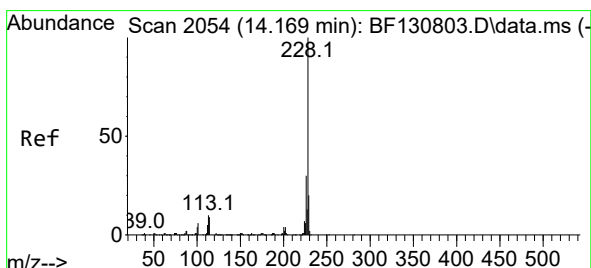
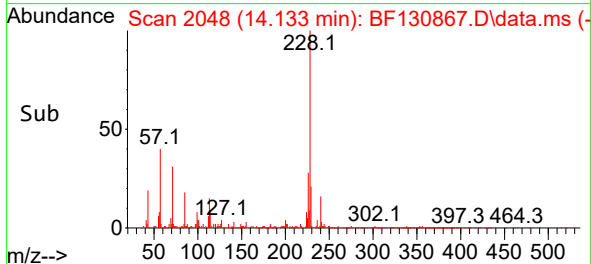
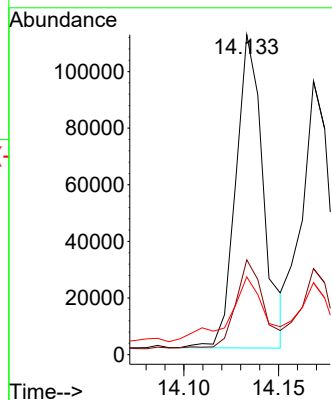
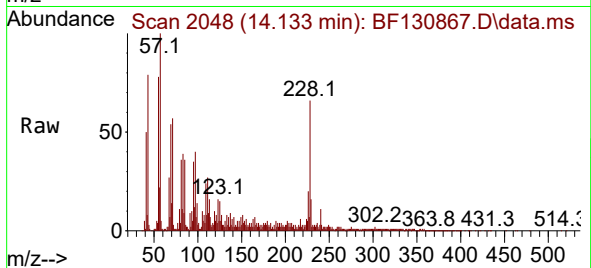
Tgt Ion:228 Resp: 112114

Ion Ratio Lower Upper

228 100

226 29.6 21.4 32.2

229 24.3 15.8 23.6#



#83

Chrysene

Concen: 12.976 ng

RT: 14.168 min Scan# 2054

Delta R.T. 0.012 min

Lab File: BF130867.D

Acq: 29 Oct 2022 20:20

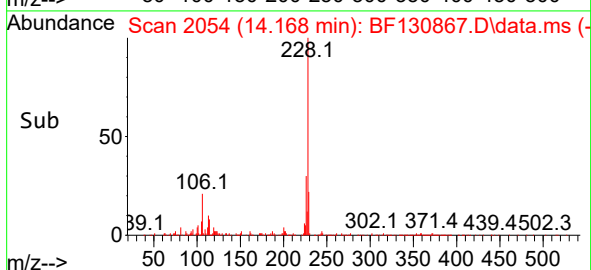
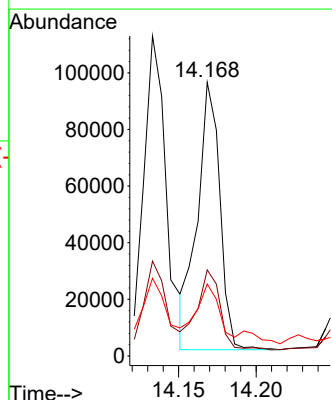
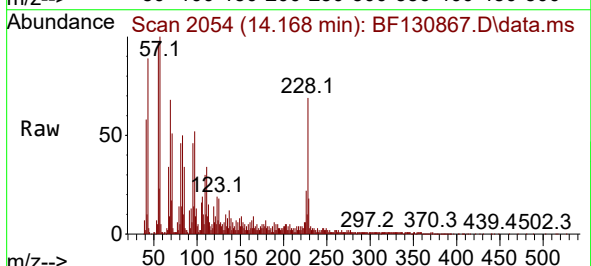
Tgt Ion:228 Resp: 95742

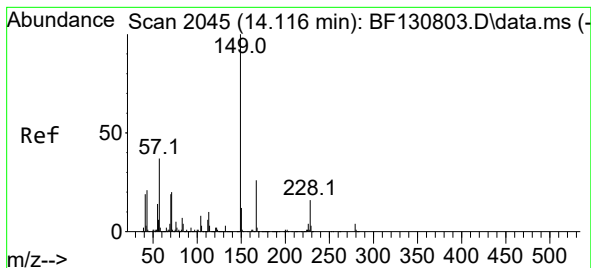
Ion Ratio Lower Upper

228 100

226 31.4 23.9 35.9

229 26.3 15.8 23.6#

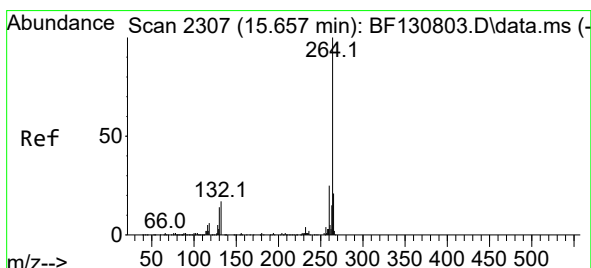
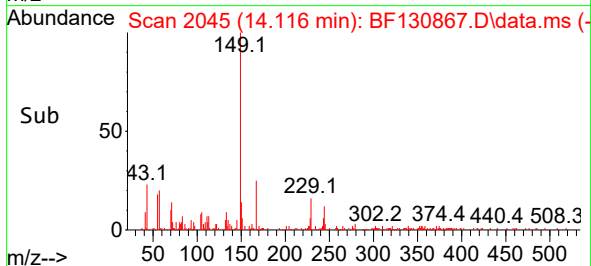
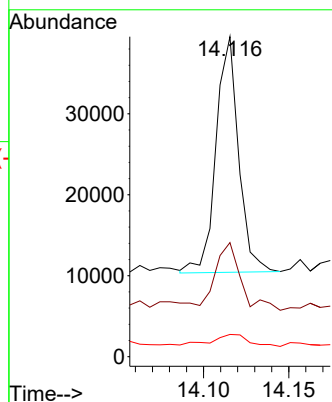
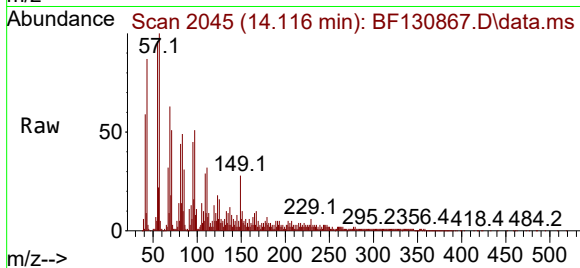




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 6.374 ng
 RT: 14.116 min Scan# 2045
 Delta R.T. 0.012 min
 Lab File: BF130867.D
 Acq: 29 Oct 2022 20:20

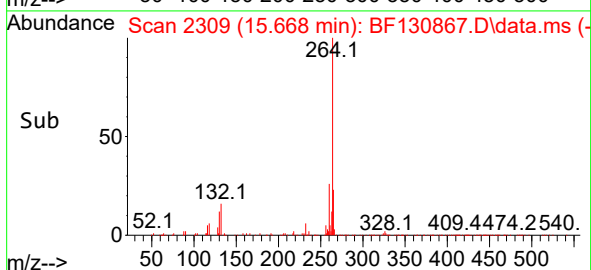
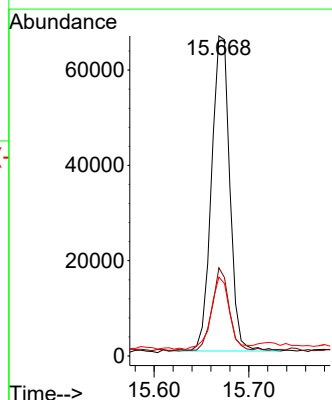
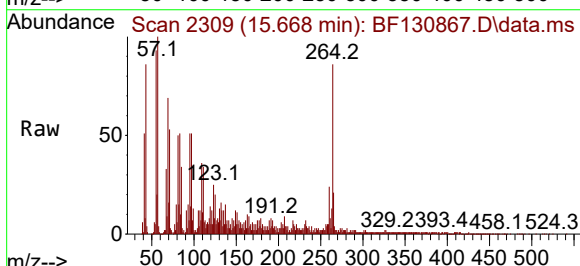
Instrument :
 BNA_F
 ClientSampleId :
 TP3-1024

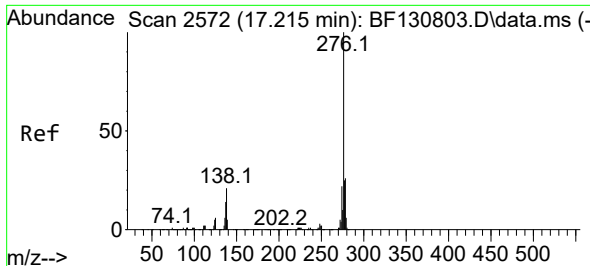
Tgt Ion:149 Resp: 26837
 Ion Ratio Lower Upper
 149 100
 167 35.6 21.0 31.4#
 279 7.0 3.0 4.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.668 min Scan# 2309
 Delta R.T. 0.023 min
 Lab File: BF130867.D
 Acq: 29 Oct 2022 20:20

Tgt Ion:264 Resp: 88805
 Ion Ratio Lower Upper
 264 100
 260 27.6 19.9 29.9
 265 24.7 17.0 25.6

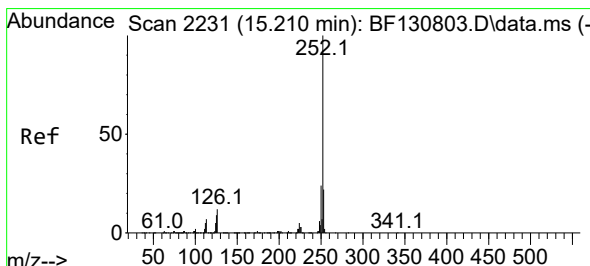
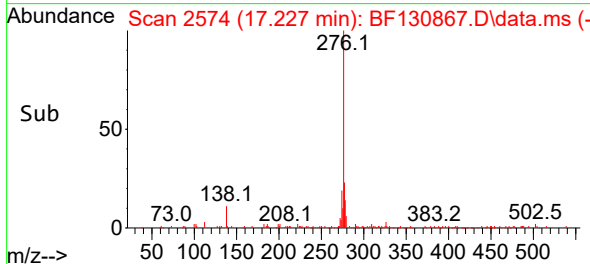
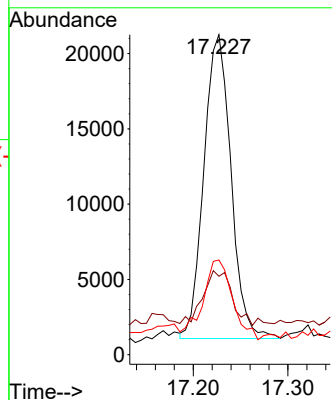
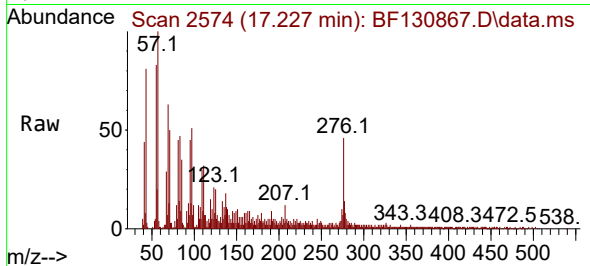




#87
Indeno(1,2,3-cd)pyrene
Concen: 6.792 ng
RT: 17.227 min Scan# 21
Delta R.T. 0.035 min
Lab File: BF130867.D
Acq: 29 Oct 2022 20:20

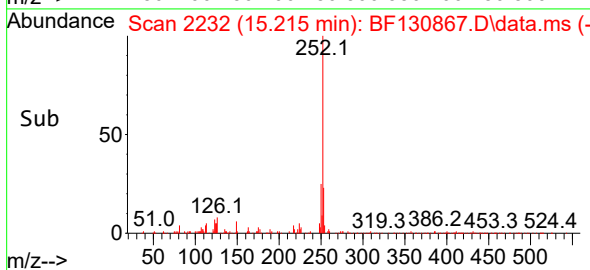
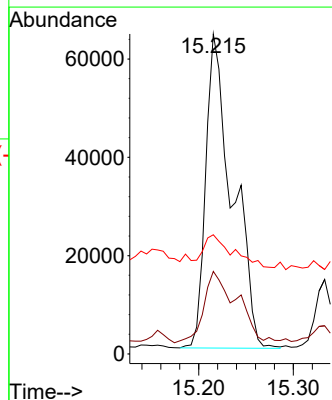
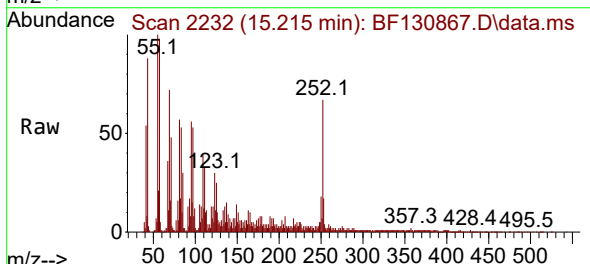
Instrument :
BNA_F
ClientSampleId :
TP3-1024

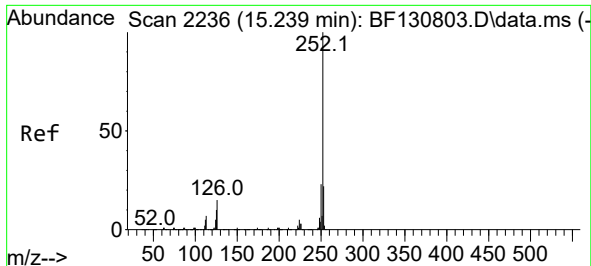
Tgt Ion:276 Resp: 40057
Ion Ratio Lower Upper
276 100
138 18.4 19.1 28.7#
277 25.6 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 21.768 ng
RT: 15.215 min Scan# 2232
Delta R.T. 0.018 min
Lab File: BF130867.D
Acq: 29 Oct 2022 20:20

Tgt Ion:252 Resp: 124960
Ion Ratio Lower Upper
252 100
253 25.8 17.5 26.3
125 37.2 7.0 10.4#

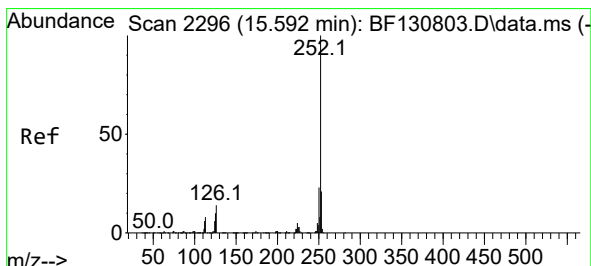
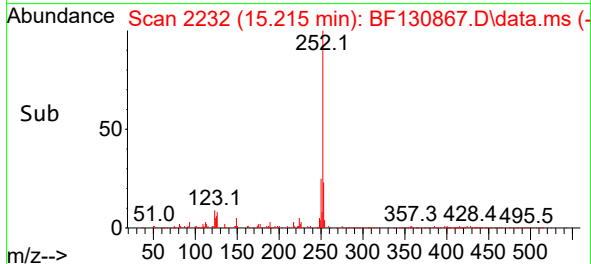
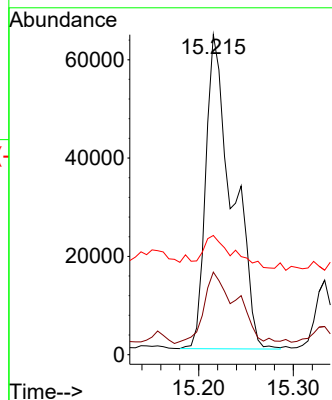
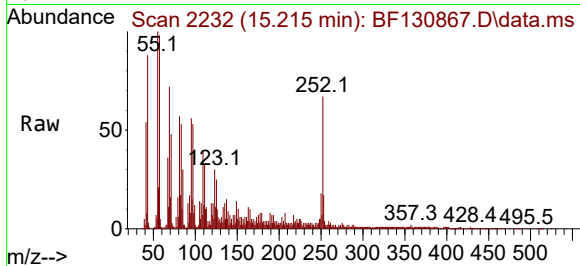




#89
Benzo(k)fluoranthene
Concen: 22.339 ng
RT: 15.215 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF130867.D
Acq: 29 Oct 2022 20:20

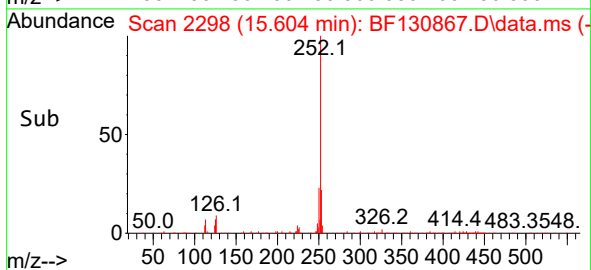
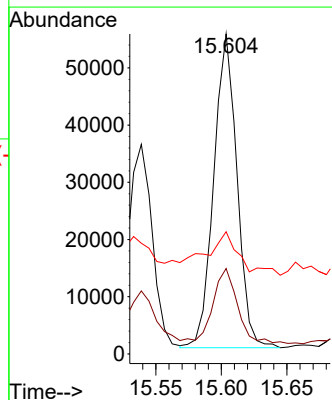
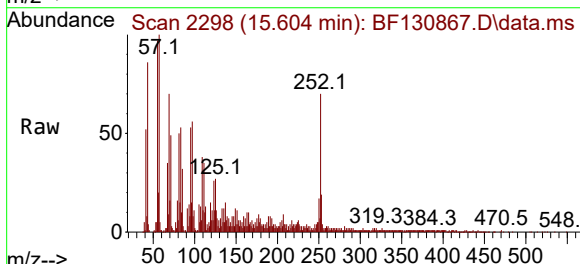
Instrument :
BNA_F
ClientSampleId :
TP3-1024

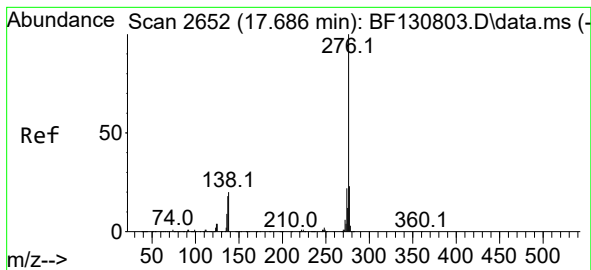
Tgt Ion:252 Resp: 124960
Ion Ratio Lower Upper
252 100
253 25.8 17.5 26.3
125 37.2 8.0 12.0#



#90
Benzo(a)pyrene
Concen: 14.655 ng
RT: 15.604 min Scan# 2298
Delta R.T. 0.024 min
Lab File: BF130867.D
Acq: 29 Oct 2022 20:20

Tgt Ion:252 Resp: 67628
Ion Ratio Lower Upper
252 100
253 26.7 16.8 25.2#
125 38.2 8.3 12.5#





#92

Benzo(g,h,i)perylene

Concen: 7.963 ng

RT: 17.698 min Scan# 20

Delta R.T. 0.029 min

Lab File: BF130867.D

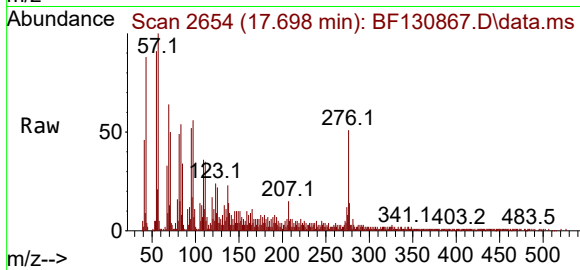
Acq: 29 Oct 2022 20:20

Instrument :

BNA_F

ClientSampleId :

TP3-1024



Tgt Ion: 276 Resp: 39056

Ion Ratio Lower Upper

276 100

277 28.3 18.8 28.2#

138 27.1 16.3 24.5#

