

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
 Data File : BF132518.D
 Acq On : 23 Feb 2023 13:49
 Operator : CG\JU
 Sample : PB151028BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151028BS

Quant Time: Feb 24 00:35:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 23 00:59:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.007	152	223134	20.000	ng	0.00
21) Naphthalene-d8	8.295	136	795755	20.000	ng	0.00
39) Acenaphthene-d10	10.060	164	426828	20.000	ng	0.00
64) Phenanthrene-d10	11.554	188	823368	20.000	ng	0.00
76) Chrysene-d12	14.213	240	525827	20.000	ng	# 0.00
86) Perylene-d12	15.765	264	449942	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.648	112	1255639	91.329	ng	0.01
7) Phenol-d6	6.643	99	1631092	90.904	ng	0.00
23) Nitrobenzene-d5	7.578	82	1101068	65.648	ng	0.00
42) 2,4,6-Tribromophenol	10.860	330	443440	96.200	ng	0.00
45) 2-Fluorobiphenyl	9.372	172	1726961	61.607	ng	0.00
79) Terphenyl-d14	13.148	244	2026318	65.154	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.002	88	290316	38.174	ng	100
3) Pyridine	3.743	79	702862	34.818	ng	100
4) n-Nitrosodimethylamine	3.713	42	323266	42.395	ng	96
6) Aniline	6.672	93	859318	35.587	ng	99
8) 2-Chlorophenol	6.801	128	588131	41.217	ng	99
9) Benzaldehyde	6.560	77	397547	41.060	ng	97
10) Phenol	6.660	94	822791	39.997	ng	95
11) bis(2-Chloroethyl)ether	6.742	93	663973	41.810	ng	100
12) 1,3-Dichlorobenzene	6.954	146	648808	42.371	ng	98
13) 1,4-Dichlorobenzene	7.031	146	648062	42.385	ng	99
14) 1,2-Dichlorobenzene	7.184	146	596152	40.627	ng	99
15) Benzyl Alcohol	7.154	79	588717	42.603	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.284	45	856119	42.275	ng	100
17) 2-Methylphenol	7.266	107	516486	38.784	ng	97
18) Hexachloroethane	7.525	117	264302	44.246	ng	96
19) n-Nitroso-di-n-propyla...	7.425	70	434080	39.309	ng	99
20) 3+4-Methylphenols	7.419	107	587048	34.121	ng	92
22) Acetophenone	7.419	105	812771	40.506	ng	97
24) Nitrobenzene	7.595	77	742668	41.402	ng	94
25) Isophorone	7.831	82	1332262	41.431	ng	98
26) 2-Nitrophenol	7.913	139	344486	43.526	ng	99
27) 2,4-Dimethylphenol	7.948	122	514308	41.173	ng	97
28) bis(2-Chloroethoxy)met...	8.037	93	779818	41.455	ng	99
29) 2,4-Dichlorophenol	8.154	162	521461	41.966	ng	97
30) 1,2,4-Trichlorobenzene	8.237	180	578908	42.906	ng	100
31) Naphthalene	8.319	128	1639675	40.250	ng	99
32) Benzoic acid	8.084	122	371488	38.560	ng	92
33) 4-Chloroaniline	8.366	127	277159	15.877	ng	95
34) Hexachlorobutadiene	8.431	225	372729	43.473	ng	100
35) Caprolactam	8.754	113	120227	29.349	ng	96
36) 4-Chloro-3-methylphenol	8.854	107	580895	42.569	ng	98
37) 2-Methylnaphthalene	9.013	142	1087192	39.161	ng	99
38) 1-Methylnaphthalene	9.113	142	1021991	39.391	ng	99
40) 1,2,4,5-Tetrachloroben...	9.178	216	576901	41.311	ng	99
41) Hexachlorocyclopentadiene	9.166	237	765931	101.121	ng	99
43) 2,4,6-Trichlorophenol	9.289	196	399112	42.172	ng	99

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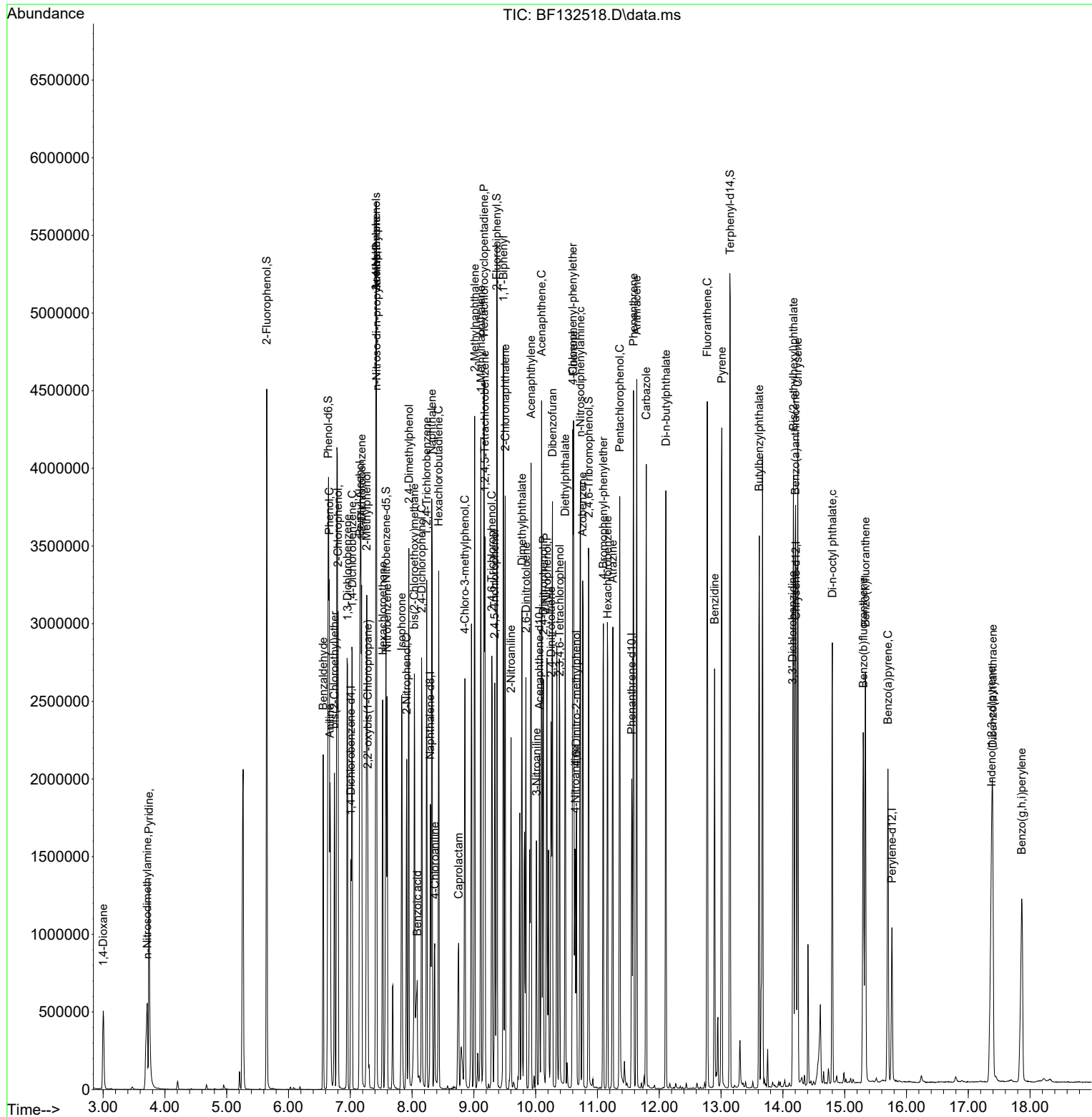
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.336	196	436248	39.495	ng	96
46) 1,1'-Biphenyl	9.478	154	1307166	40.462	ng	100
47) 2-Chloronaphthalene	9.507	162	1063880	41.536	ng	100
48) 2-Nitroaniline	9.601	65	379831	40.264	ng	98
49) Acenaphthylene	9.925	152	1634516	40.097	ng	99
50) Dimethylphthalate	9.778	163	1267430	40.782	ng	100
51) 2,6-Dinitrotoluene	9.842	165	289145	40.852	ng	96
52) Acenaphthene	10.095	154	998401	38.571	ng	99
53) 3-Nitroaniline	10.013	138	223816	28.269	ng	92
54) 2,4-Dinitrophenol	10.125	184	370538	83.006	ng	98
55) Dibenzofuran	10.272	168	1477693	39.158	ng	98
56) 4-Nitrophenol	10.183	139	480155	81.320	ng	93
57) 2,4-Dinitrotoluene	10.248	165	396725	42.133	ng	96
58) Fluorene	10.613	166	1162375	40.270	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.389	232	349809	42.633	ng	97
60) Diethylphthalate	10.478	149	1232638	40.610	ng	99
61) 4-Chlorophenyl-phenyle...	10.601	204	599803	40.056	ng	98
62) 4-Nitroaniline	10.642	138	315323	40.573	ng	98
63) Azobenzene	10.760	77	1320910	41.092	ng	95
65) 4,6-Dinitro-2-methylph...	10.660	198	239303	42.934	ng	97
66) n-Nitrosodiphenylamine	10.725	169	1029398	40.103	ng	99
67) 4-Bromophenyl-phenylether	11.095	248	382270	41.044	ng	99
68) Hexachlorobenzene	11.166	284	423555	43.220	ng	100
69) Atrazine	11.248	200	357932	44.665	ng	97
70) Pentachlorophenol	11.360	266	460291	78.943	ng	98
71) Phenanthrene	11.583	178	1713859	40.180	ng	99
72) Anthracene	11.636	178	1755606	39.969	ng	99
73) Carbazole	11.789	167	1587041	40.074	ng	100
74) Di-n-butylphthalate	12.107	149	1884664	40.570	ng	100
75) Fluoranthene	12.777	202	1878301	40.281	ng	99
77) Benzidine	12.895	184	1009416	78.860	ng	99
78) Pyrene	13.013	202	1926801	40.304	ng	99
80) Butylbenzylphthalate	13.619	149	799124	42.359	ng	99
81) Benzo(a)anthracene	14.201	228	1620171	41.180	ng	98
82) 3,3'-Dichlorobenzidine	14.160	252	346828	29.901	ng	98
83) Chrysene	14.242	228	1487436	40.429	ng	100
84) Bis(2-ethylhexyl)phtha...	14.171	149	1018861	43.963	ng	100
85) Di-n-octyl phthalate	14.801	149	1487474	43.922	ng	100
87) Indeno(1,2,3-cd)pyrene	17.377	276	1336422	45.330	ng	99
88) Benzo(b)fluoranthene	15.301	252	1337229	44.348	ng	99
89) Benzo(k)fluoranthene	15.336	252	1218072	41.276	ng	99
90) Benzo(a)pyrene	15.701	252	1121412	39.737	ng	99
91) Dibenzo(a,h)anthracene	17.395	278	1092901	45.497	ng	98
92) Benzo(g,h,i)perylene	17.865	276	1128451	41.785	ng	99

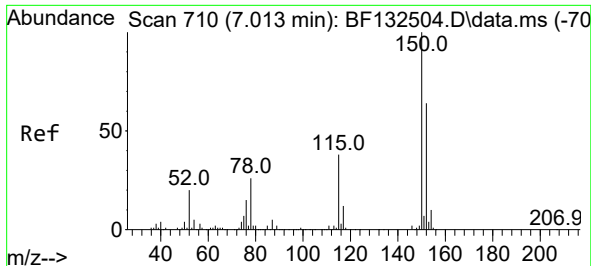
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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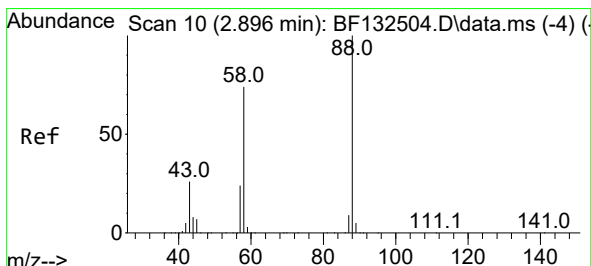
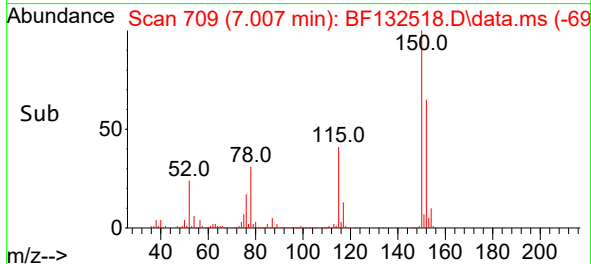
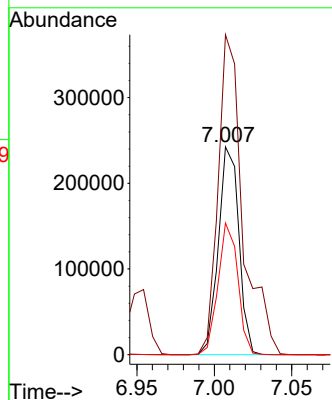
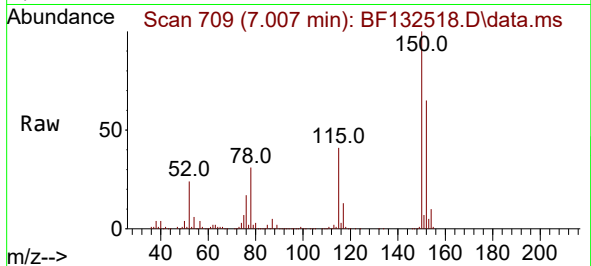




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.007 min Scan# 70
 Delta R.T. -0.006 min
 Lab File: BF132518.D
 Acq: 23 Feb 2023 13:49

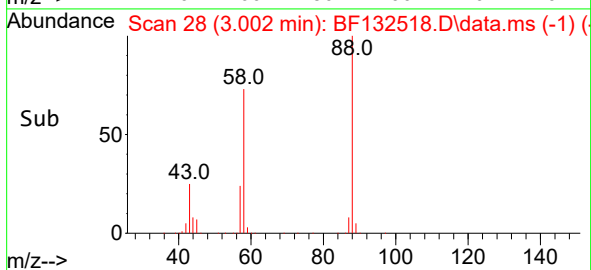
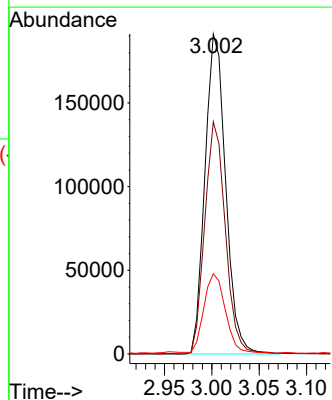
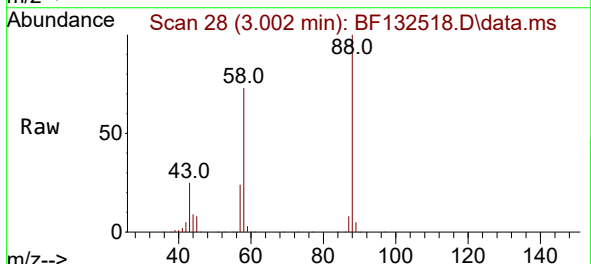
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 ClientSampleId :
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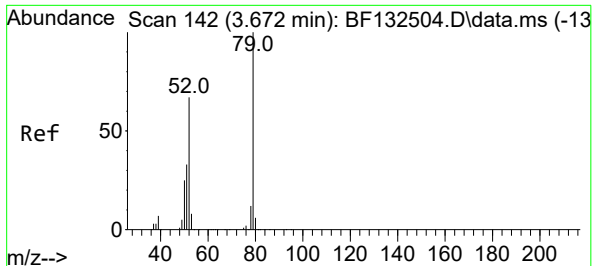
Tgt Ion:152 Resp: 223134
 Ion Ratio Lower Upper
 152 100
 150 153.9 125.4 188.2
 115 63.4 47.8 71.6



#2
 1,4-Dioxane
 Concen: 38.174 ng
 RT: 3.002 min Scan# 28
 Delta R.T. 0.106 min
 Lab File: BF132518.D
 Acq: 23 Feb 2023 13:49

Tgt Ion: 88 Resp: 290316
 Ion Ratio Lower Upper
 88 100
 58 72.6 58.3 87.5
 43 25.7 20.7 31.1

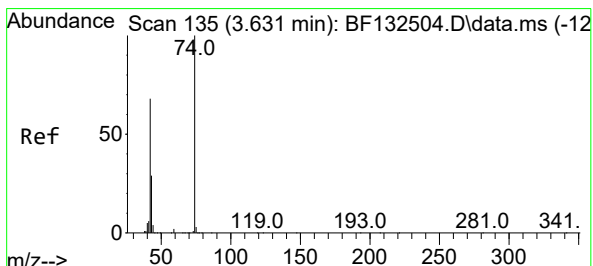
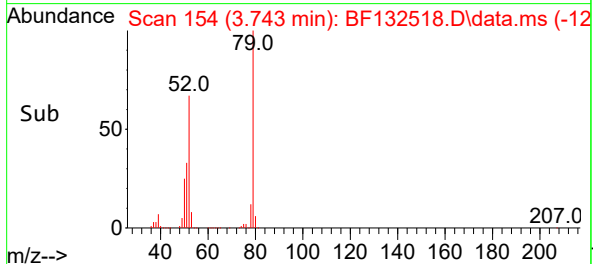
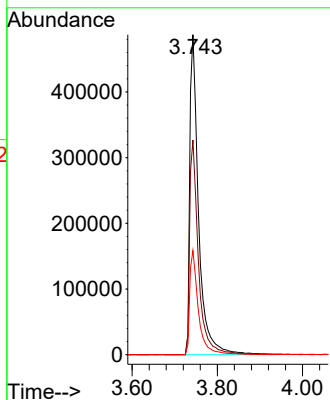
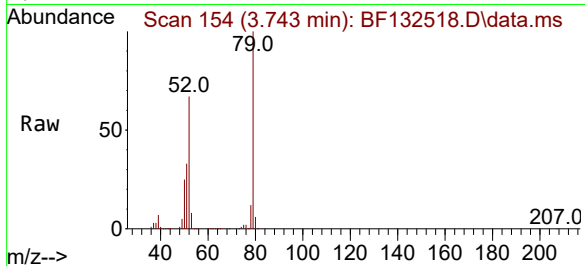




#3
Pyridine
Concen: 34.818 ng
RT: 3.743 min Scan# 142
Delta R.T. 0.071 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

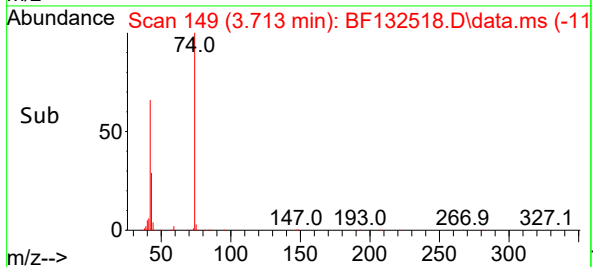
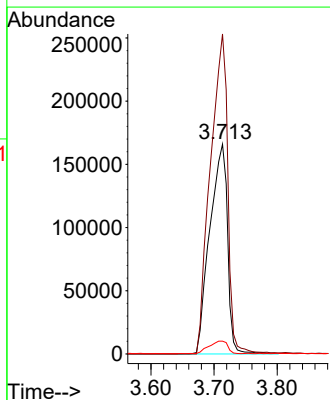
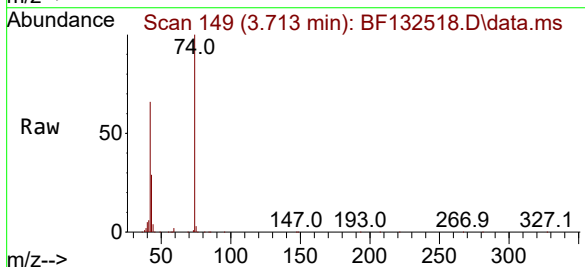
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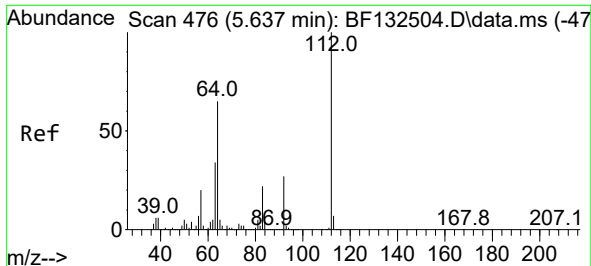
Tgt Ion: 79 Resp: 702862
Ion Ratio Lower Upper
79 100
52 67.0 53.7 80.5
51 32.6 26.6 40.0



#4
n-Nitrosodimethylamine
Concen: 42.395 ng
RT: 3.713 min Scan# 149
Delta R.T. 0.083 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

Tgt Ion: 42 Resp: 323266
Ion Ratio Lower Upper
42 100
74 152.6 118.2 177.2
44 6.1 5.3 7.9

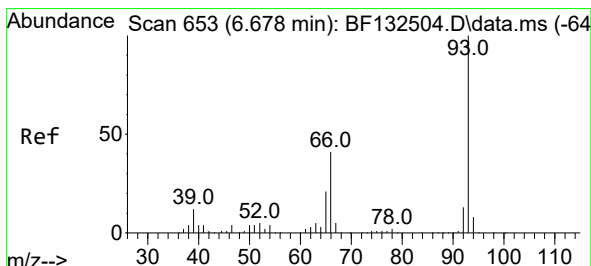
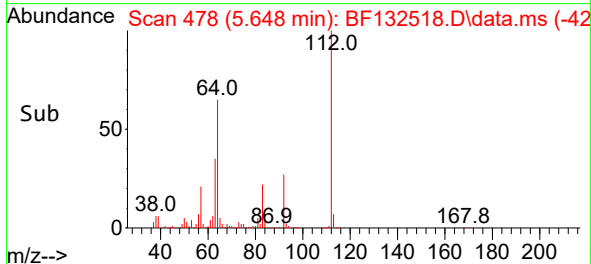
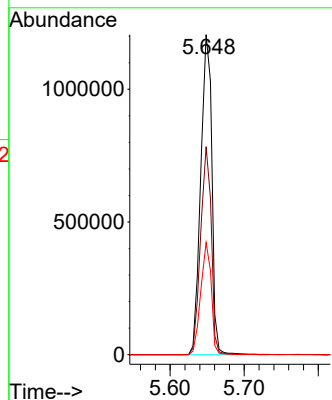
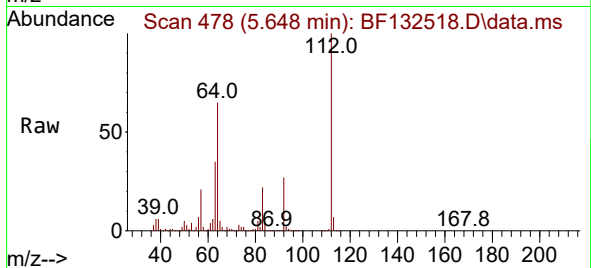




#5
2-Fluorophenol
Concen: 91.329 ng
RT: 5.648 min Scan# 41
Delta R.T. 0.012 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

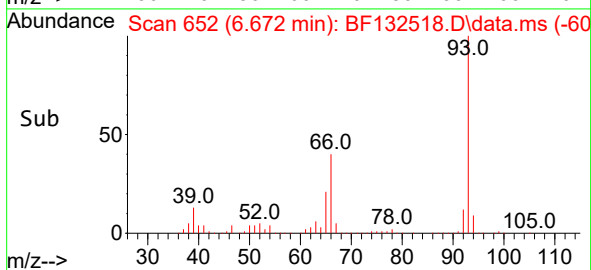
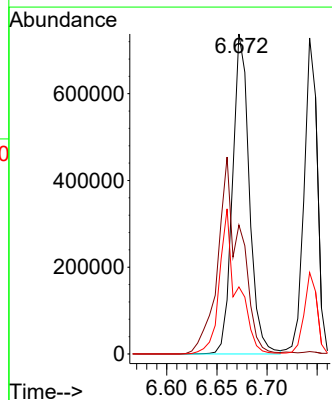
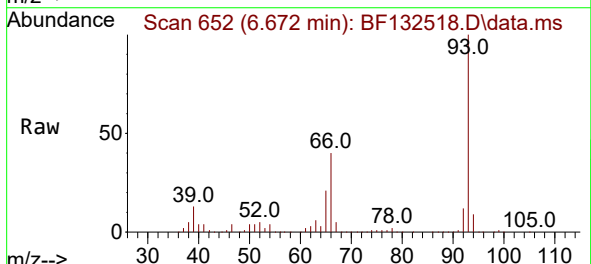
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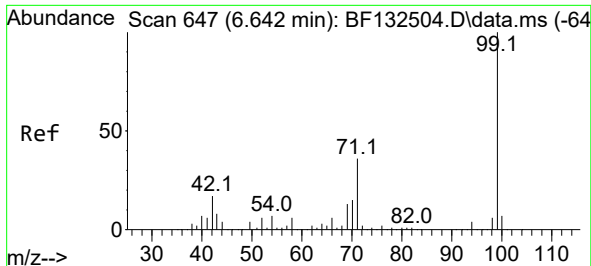
Tgt Ion:112 Resp: 1255639
Ion Ratio Lower Upper
112 100
64 65.0 51.6 77.4
63 35.1 27.4 41.2



#6
Aniline
Concen: 35.587 ng
RT: 6.672 min Scan# 652
Delta R.T. -0.006 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

Tgt Ion: 93 Resp: 859318
Ion Ratio Lower Upper
93 100
66 40.3 32.5 48.7
65 21.0 16.6 24.8

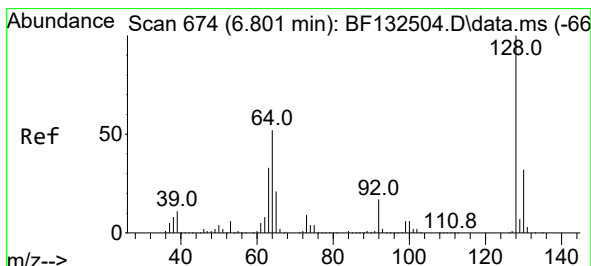
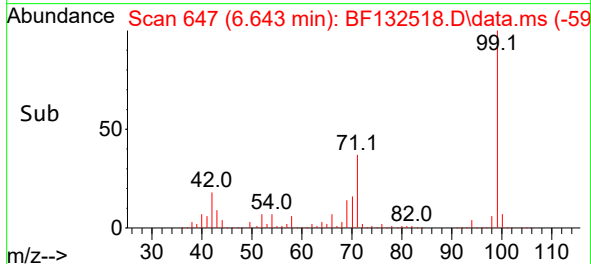
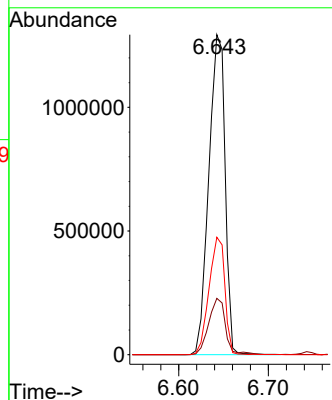
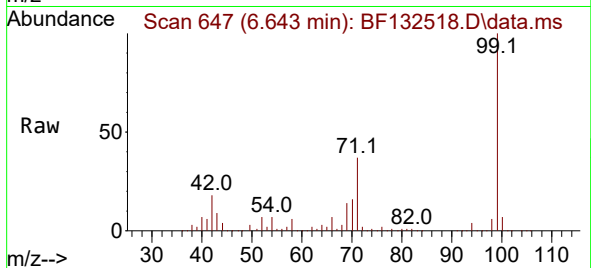




#7
Phenol-d6
Concen: 90.904 ng
RT: 6.643 min Scan# 647
Delta R.T. 0.000 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

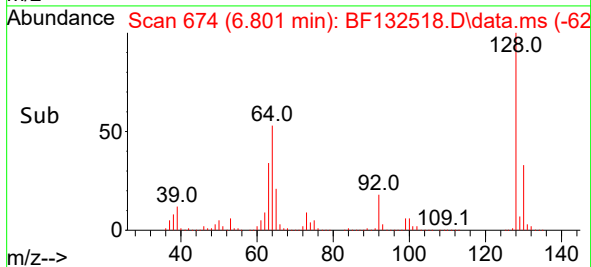
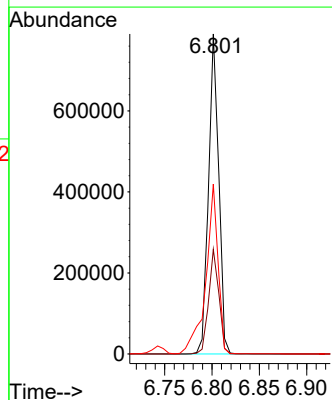
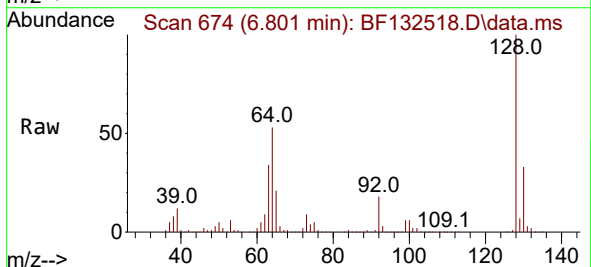
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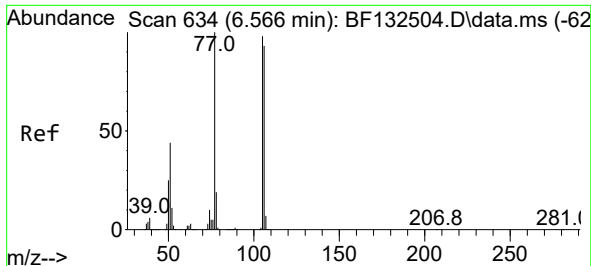
Tgt Ion: 99 Resp: 1631092
Ion Ratio Lower Upper
99 100
42 17.6 13.9 20.9
71 36.7 28.5 42.7



#8
2-Chlorophenol
Concen: 41.217 ng
RT: 6.801 min Scan# 674
Delta R.T. 0.000 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

Tgt Ion:128 Resp: 588131
Ion Ratio Lower Upper
128 100
130 32.7 12.1 52.1
64 53.1 32.0 72.0

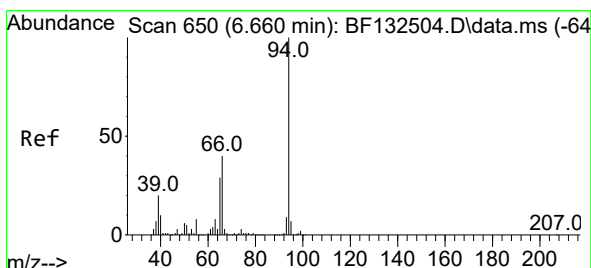
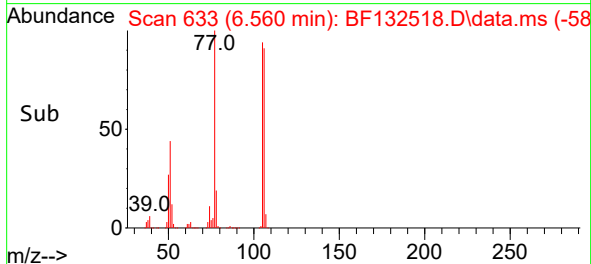
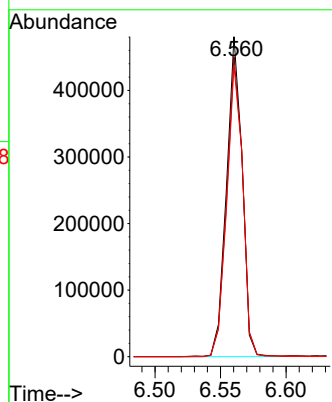
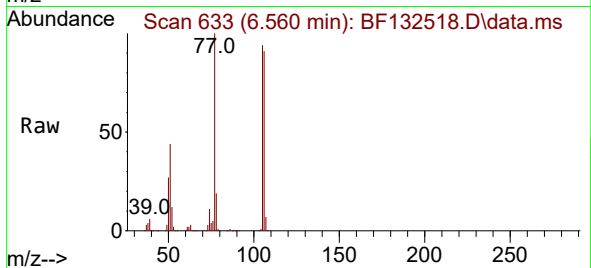




#9
Benzaldehyde
Concen: 41.060 ng
RT: 6.560 min Scan# 61
Delta R.T. -0.006 min
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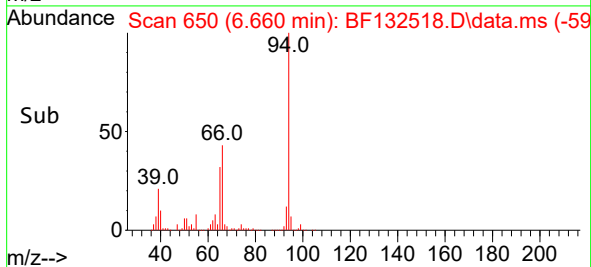
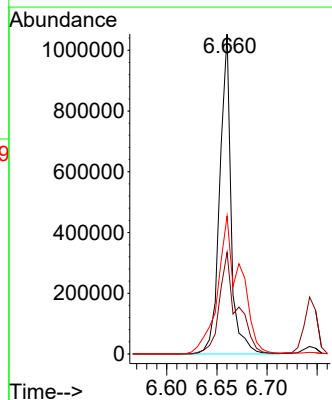
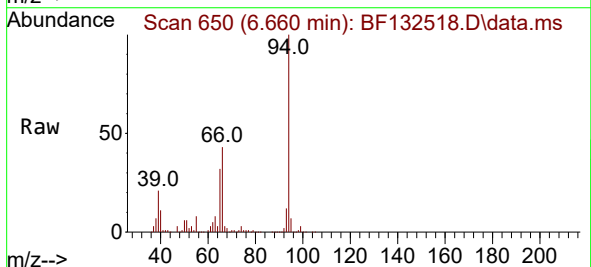
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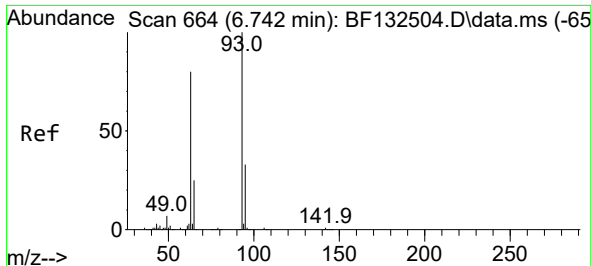
Tgt Ion: 77 Resp: 397547
Ion Ratio Lower Upper
77 100
105 93.8 77.9 117.9
106 91.0 73.4 113.4



#10
Phenol
Concen: 39.997 ng
RT: 6.660 min Scan# 650
Delta R.T. 0.000 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

Tgt Ion: 94 Resp: 822791
Ion Ratio Lower Upper
94 100
65 31.8 9.4 49.4
66 43.1 19.8 59.8

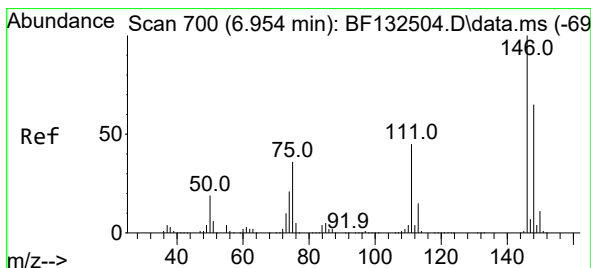
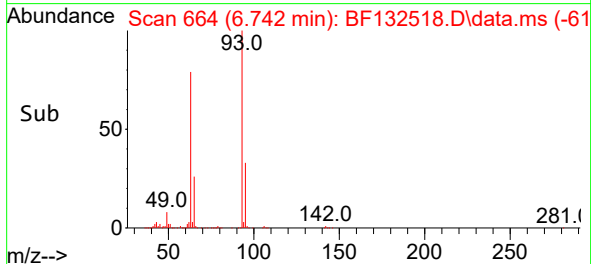
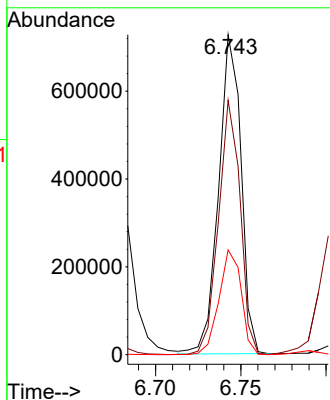
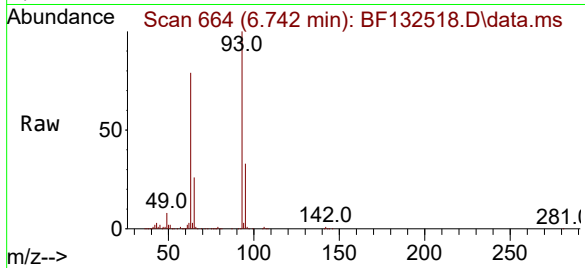




#11
bis(2-Chloroethyl)ether
Concen: 41.810 ng
RT: 6.742 min Scan# 60
Delta R.T. 0.000 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

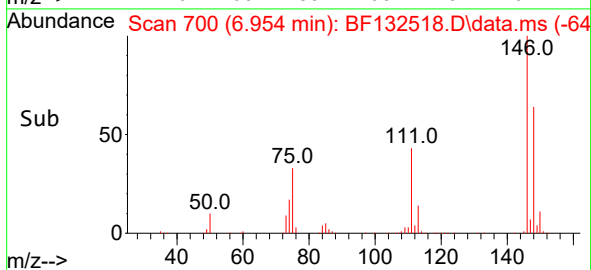
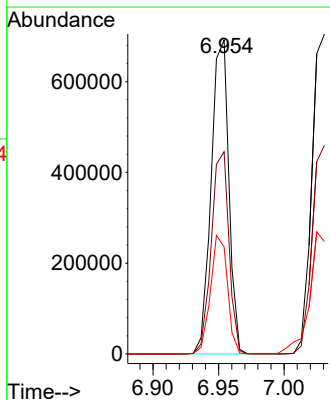
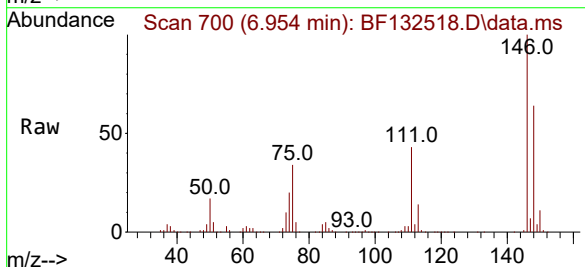
Instrument :
BNA_F
ClientSampleId :
PB151028BS

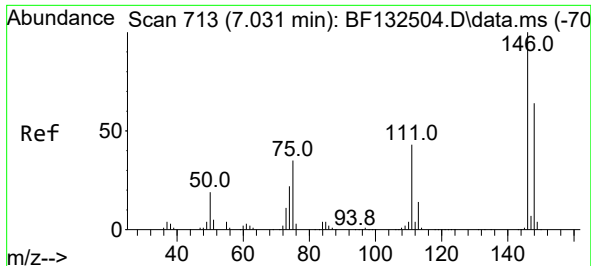
Tgt Ion: 93 Resp: 663973
Ion Ratio Lower Upper
93 100
63 79.5 59.6 99.6
95 32.7 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 42.371 ng
RT: 6.954 min Scan# 700
Delta R.T. 0.000 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

Tgt Ion:146 Resp: 648808
Ion Ratio Lower Upper
146 100
148 64.4 51.9 77.9
75 34.1 28.9 43.3





#13

1,4-Dichlorobenzene

Concen: 42.385 ng

RT: 7.031 min Scan# 713

Delta R.T. 0.000 min

Lab File: BF132518.D

Acq: 23 Feb 2023 13:49

Instrument :

BNA_F

ClientSampleId :

PB151028BS

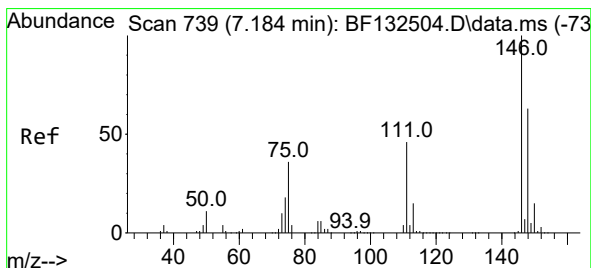
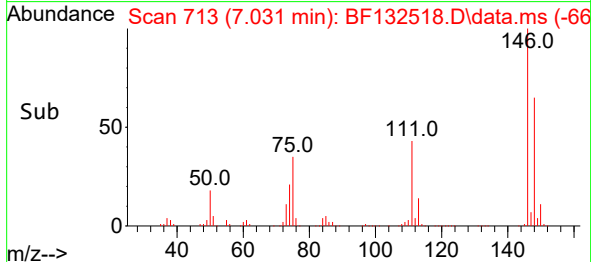
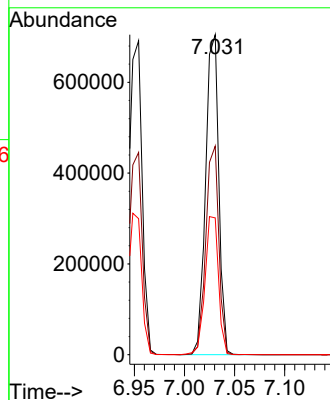
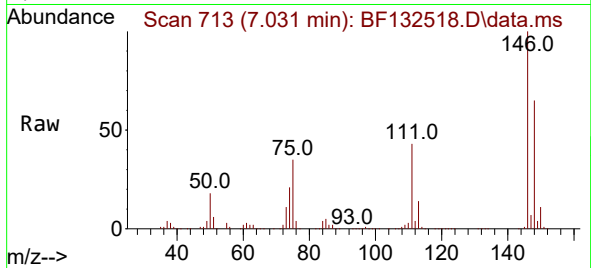
Tgt Ion:146 Resp: 648062

Ion Ratio Lower Upper

146 100

148 65.2 51.1 76.7

111 42.8 34.8 52.2



#14

1,2-Dichlorobenzene

Concen: 40.627 ng

RT: 7.184 min Scan# 739

Delta R.T. -0.000 min

Lab File: BF132518.D

Acq: 23 Feb 2023 13:49

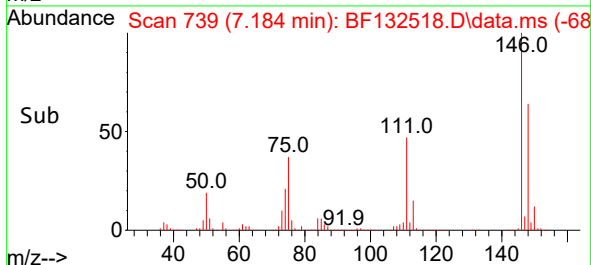
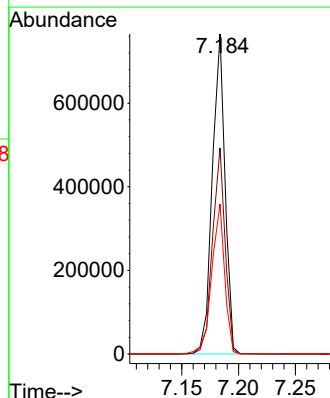
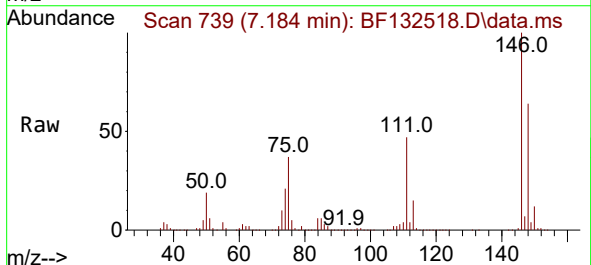
Tgt Ion:146 Resp: 596152

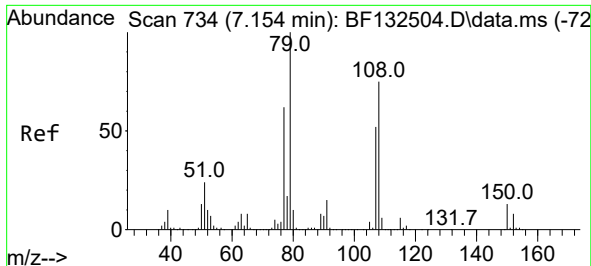
Ion Ratio Lower Upper

146 100

148 64.4 50.6 75.8

111 46.9 37.2 55.8

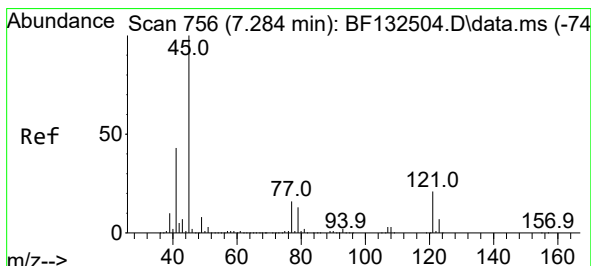
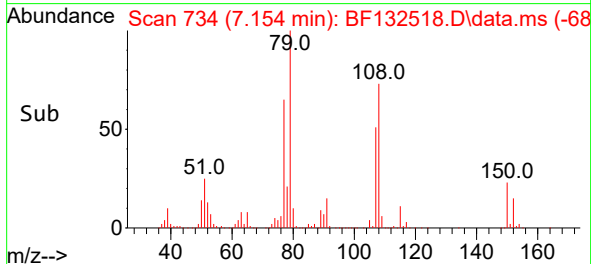
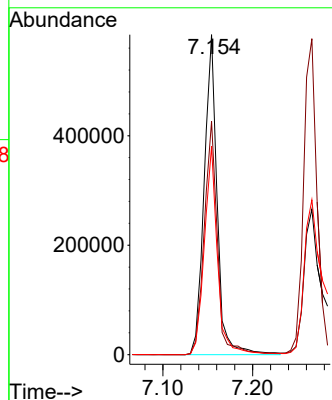
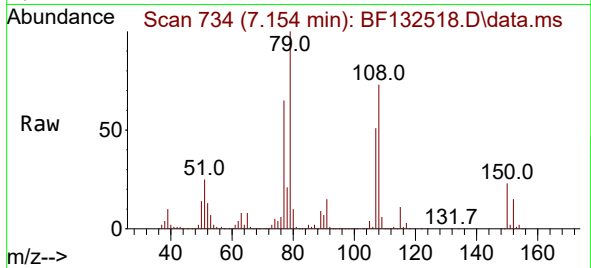




#15
Benzyl Alcohol
Concen: 42.603 ng
RT: 7.154 min Scan# 734
Delta R.T. 0.000 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

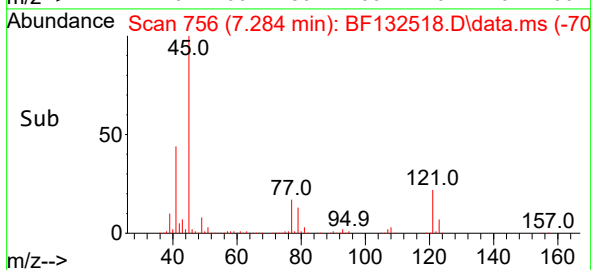
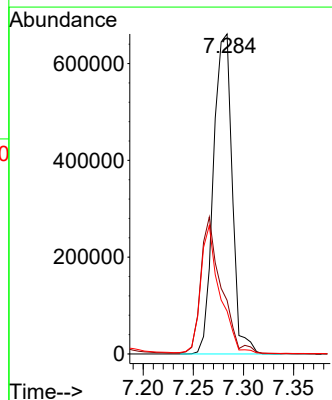
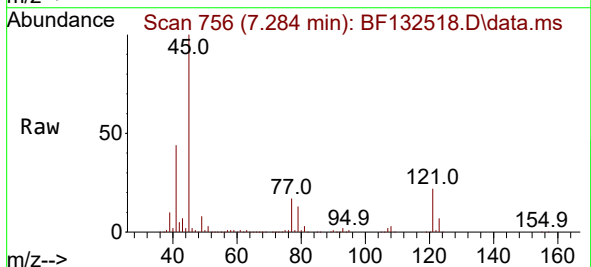
Instrument :
BNA_F
ClientSampleId :
PB151028BS

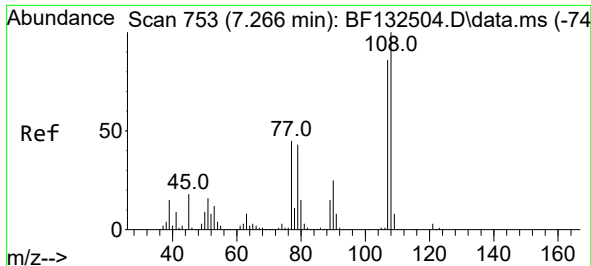
Tgt Ion: 79 Resp: 588717
Ion Ratio Lower Upper
79 100
108 73.0 60.2 90.4
77 65.1 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.275 ng
RT: 7.284 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

Tgt Ion: 45 Resp: 856119
Ion Ratio Lower Upper
45 100
77 16.8 0.0 36.4
79 13.4 0.0 33.4

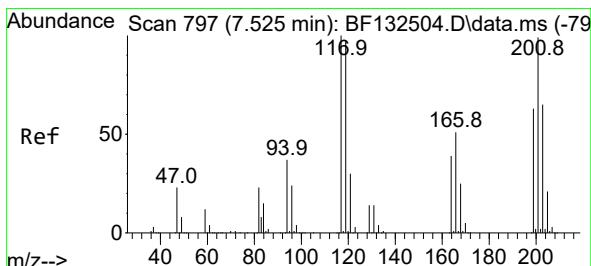
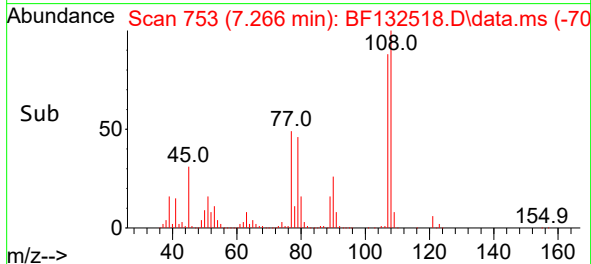
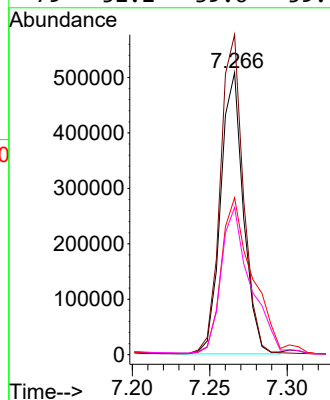
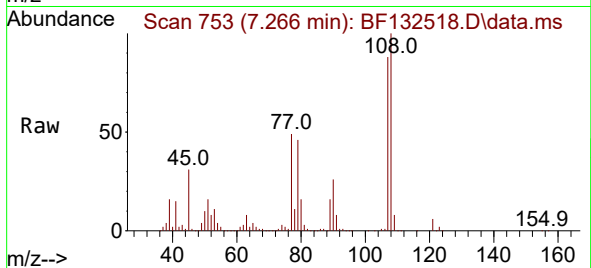




#17
2-Methylphenol
Concen: 38.784 ng
RT: 7.266 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

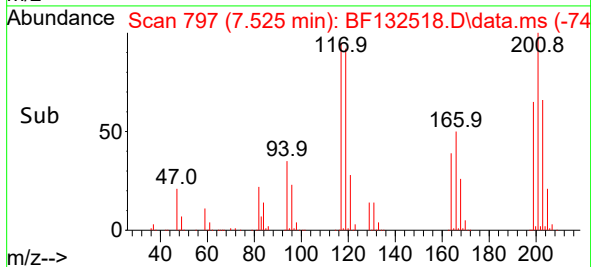
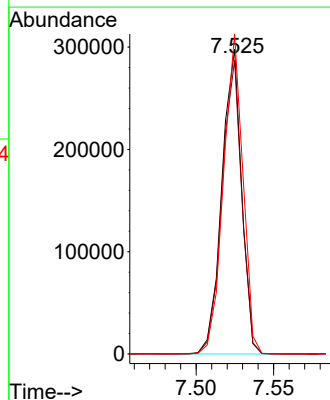
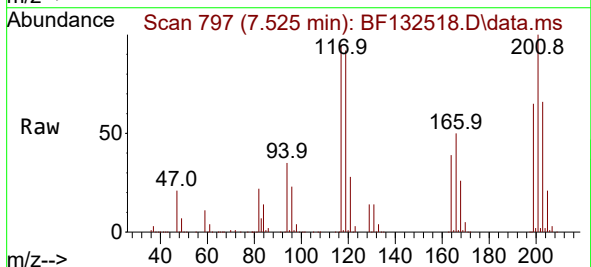
Instrument :
BNA_F
ClientSampleId :
PB151028BS

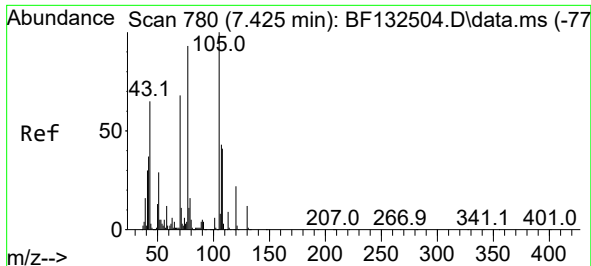
Tgt Ion:107 Resp: 516486
Ion Ratio Lower Upper
107 100
108 113.4 93.0 139.4
77 55.6 42.1 63.1
79 52.2 39.6 59.4



#18
Hexachloroethane
Concen: 44.246 ng
RT: 7.525 min Scan# 797
Delta R.T. 0.000 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

Tgt Ion:117 Resp: 264302
Ion Ratio Lower Upper
117 100
119 96.3 78.0 117.0
201 105.0 79.0 118.4

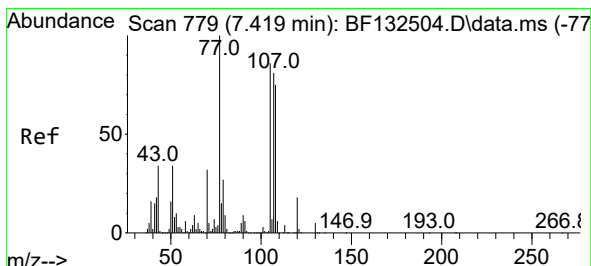
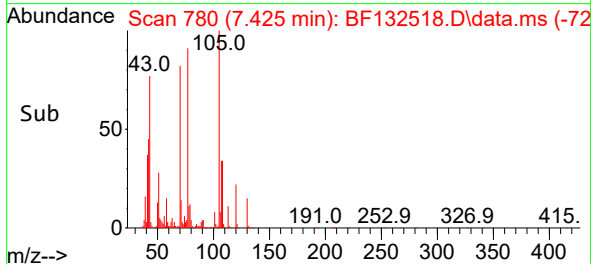
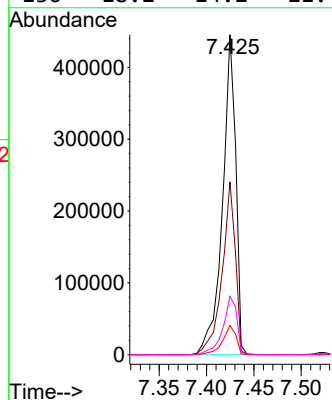
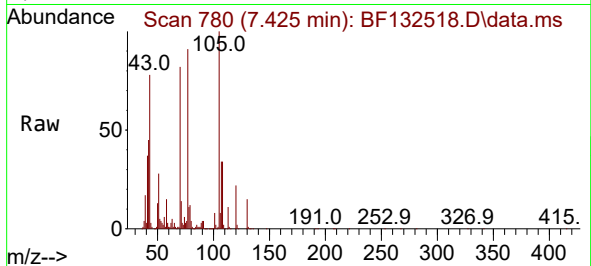




#19
n-Nitroso-di-n-propylamine
Concen: 39.309 ng
RT: 7.425 min Scan# 780
Delta R.T. -0.000 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

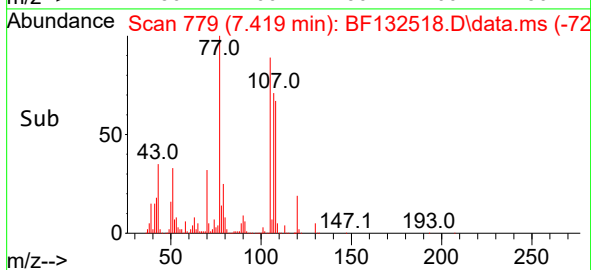
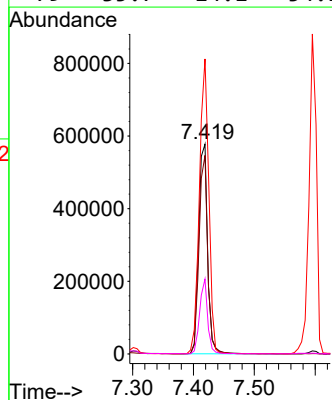
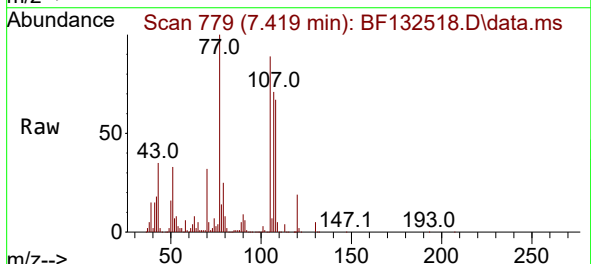
Instrument :
BNA_F
ClientSampleId :
PB151028BS

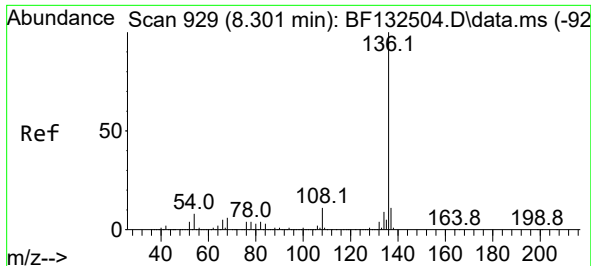
Tgt Ion: 70 Resp: 434080
Ion Ratio Lower Upper
70 100
42 54.1 44.1 66.1
101 9.2 7.4 11.2
130 18.2 14.2 21.4



#20
3+4-Methylphenols
Concen: 34.121 ng
RT: 7.419 min Scan# 779
Delta R.T. -0.000 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

Tgt Ion: 107 Resp: 587048
Ion Ratio Lower Upper
107 100
108 94.6 72.6 112.6
77 140.6 104.0 144.0
79 35.7 14.1 54.1

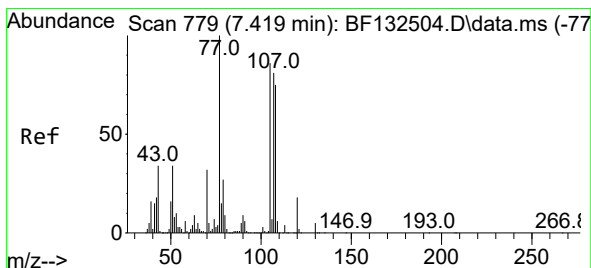
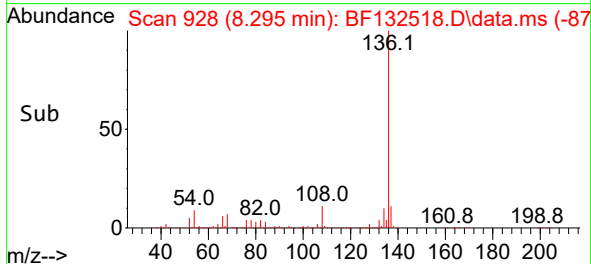
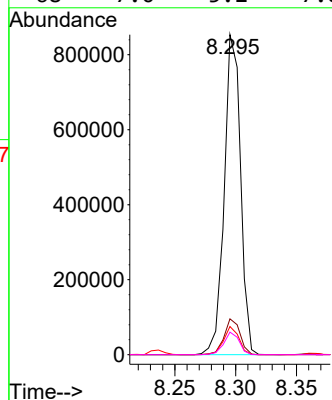
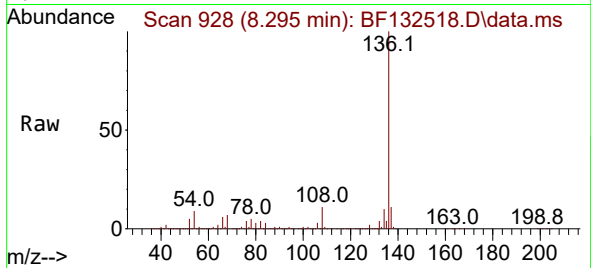




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.295 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

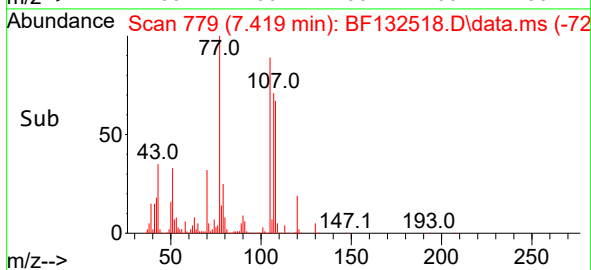
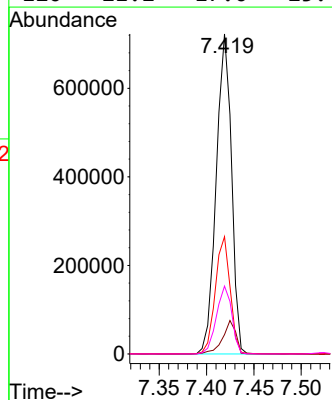
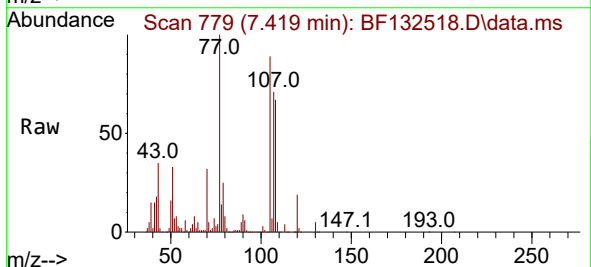
Instrument :
BNA_F
ClientSampleId :
PB151028BS

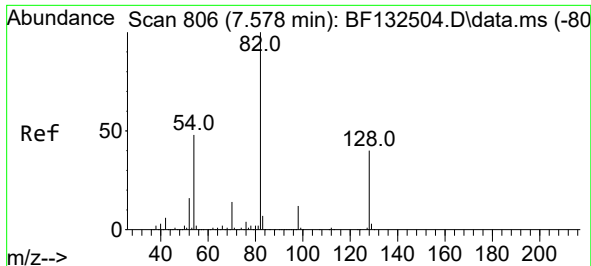
Tgt Ion:136 Resp: 795755
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 8.8 6.2 9.4
68 7.0 5.2 7.8



#22
Acetophenone
Concen: 40.506 ng
RT: 7.419 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

Tgt Ion:105 Resp: 812771
Ion Ratio Lower Upper
105 100
71 6.1 5.0 7.4
51 36.7 31.5 47.3
120 21.2 17.0 25.4





#23

Nitrobenzene-d5

Concen: 65.648 ng

RT: 7.578 min Scan# 806

Delta R.T. 0.000 min

Lab File: BF132518.D

Acq: 23 Feb 2023 13:49

Instrument :

BNA_F

ClientSampleId :

PB151028BS

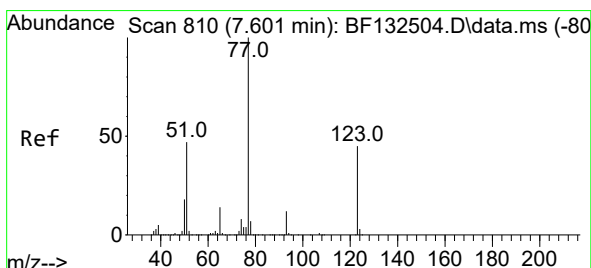
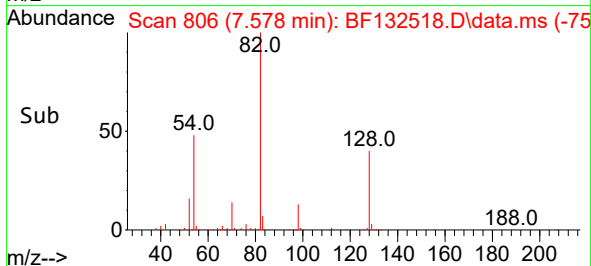
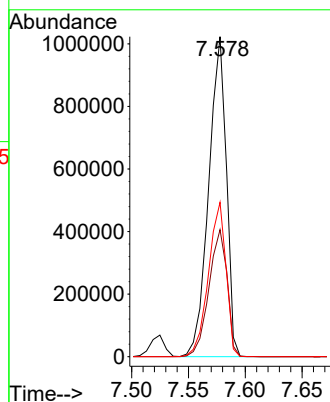
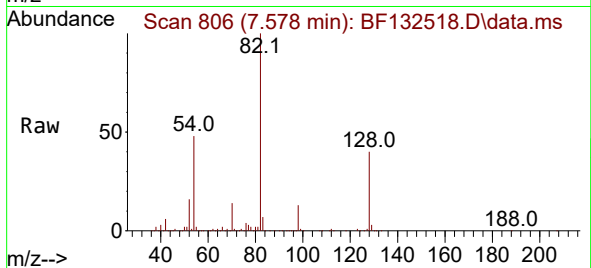
Tgt Ion: 82 Resp: 1101068

Ion Ratio Lower Upper

82 100

128 39.7 32.2 48.2

54 48.2 38.4 57.6



#24

Nitrobenzene

Concen: 41.402 ng

RT: 7.595 min Scan# 809

Delta R.T. -0.006 min

Lab File: BF132518.D

Acq: 23 Feb 2023 13:49

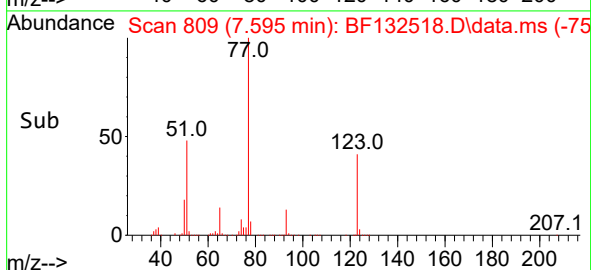
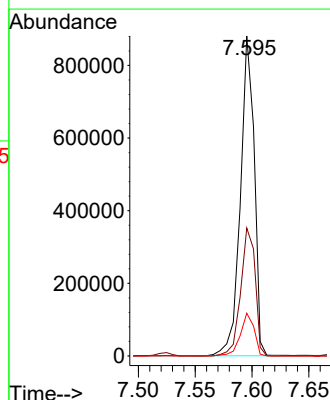
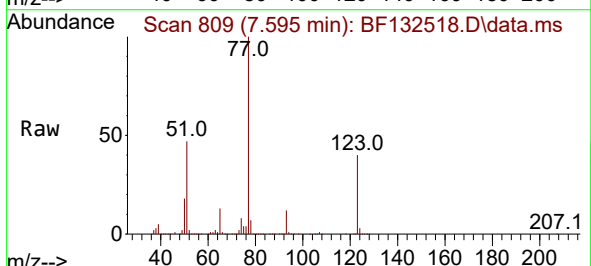
Tgt Ion: 77 Resp: 742668

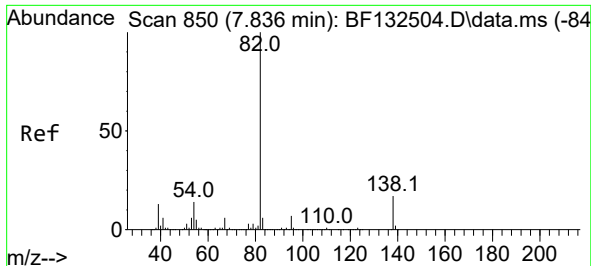
Ion Ratio Lower Upper

77 100

123 40.0 35.8 53.6

65 13.4 10.9 16.3

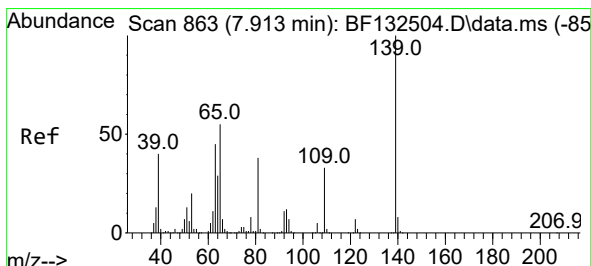
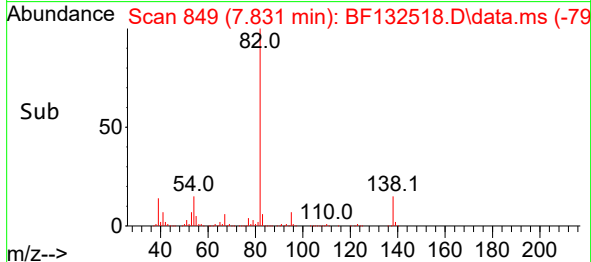
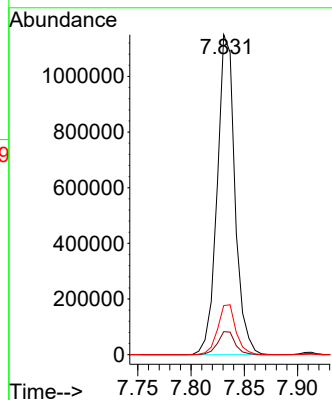
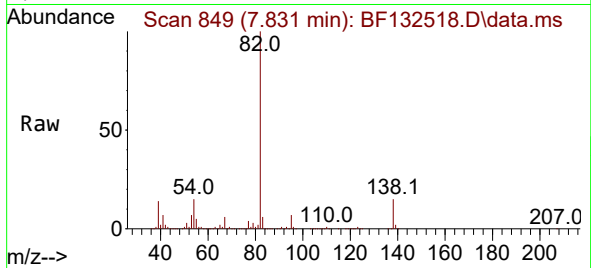




#25
Isophorone
Concen: 41.431 ng
RT: 7.831 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

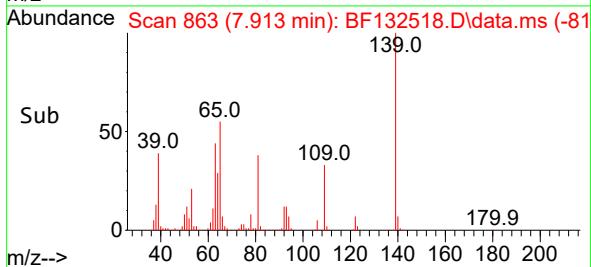
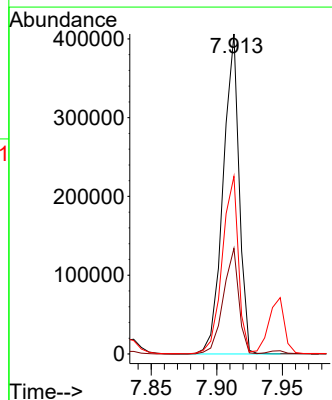
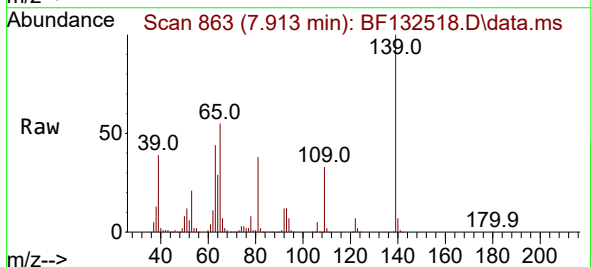
Instrument :
BNA_F
ClientSampleId :
PB151028BS

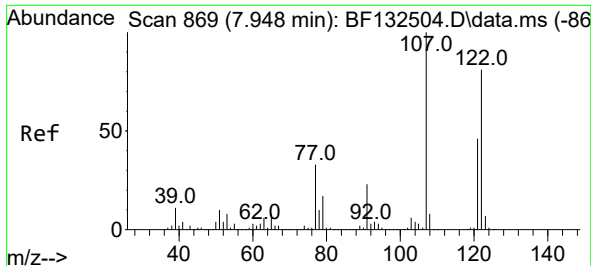
Tgt Ion: 82 Resp: 1332262
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 15.3 13.3 19.9



#26
2-Nitrophenol
Concen: 43.526 ng
RT: 7.913 min Scan# 863
Delta R.T. 0.000 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

Tgt Ion:139 Resp: 344486
Ion Ratio Lower Upper
139 100
109 33.0 26.2 39.2
65 55.5 43.8 65.8

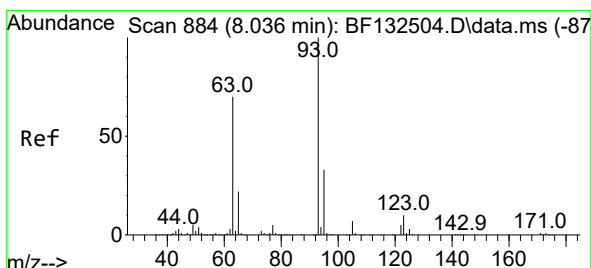
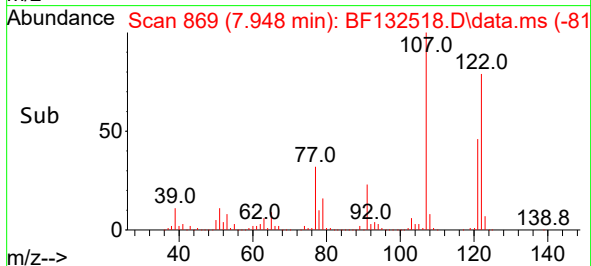
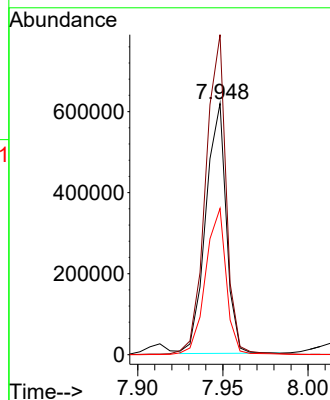
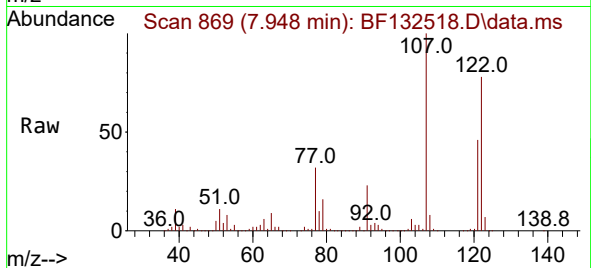




#27
2,4-Dimethylphenol
Concen: 41.173 ng
RT: 7.948 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

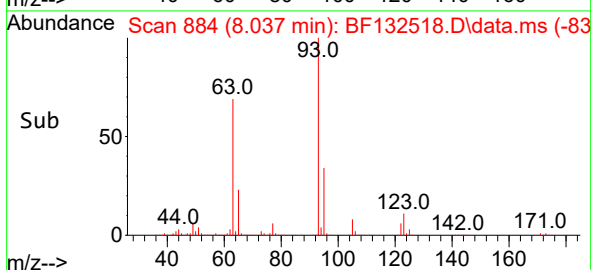
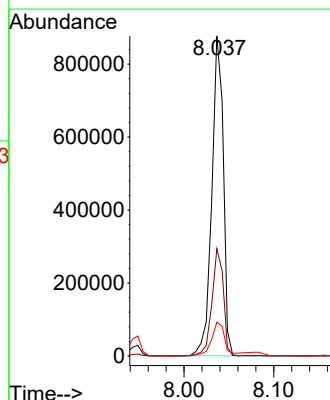
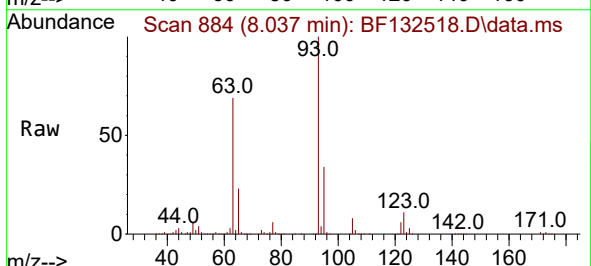
Instrument :
BNA_F
ClientSampleId :
PB151028BS

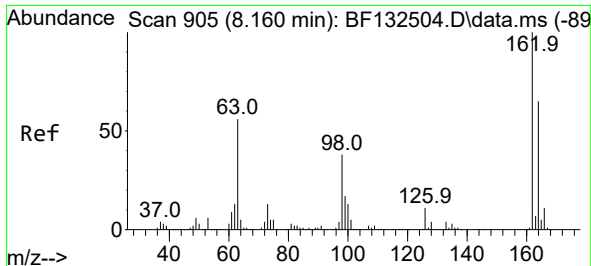
Tgt Ion:122 Resp: 514308
Ion Ratio Lower Upper
122 100
107 127.4 98.7 148.1
121 58.3 45.8 68.6



#28
bis(2-Chloroethoxy)methane
Concen: 41.455 ng
RT: 8.037 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

Tgt Ion: 93 Resp: 779818
Ion Ratio Lower Upper
93 100
95 33.5 26.3 39.5
123 10.6 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 41.966 ng

RT: 8.154 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF132518.D

Acq: 23 Feb 2023 13:49

Instrument :

BNA_F

ClientSampleId :

PB151028BS

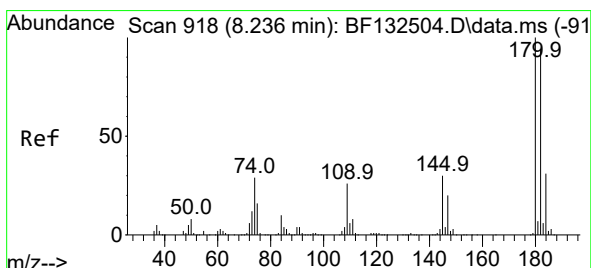
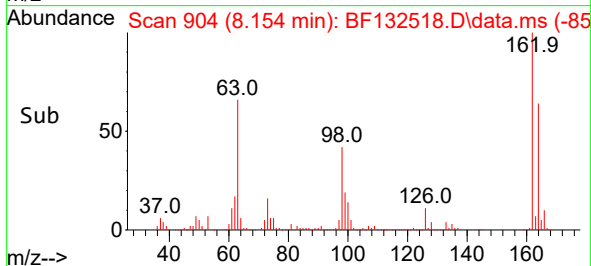
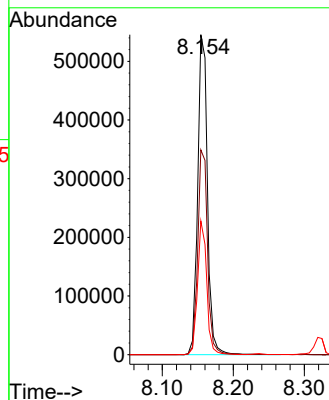
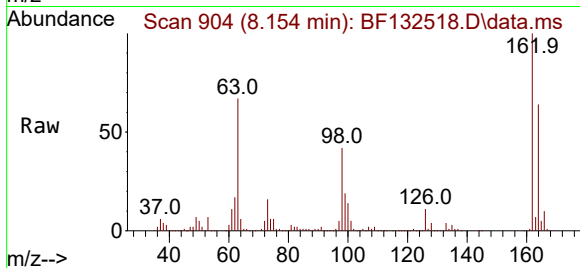
Tgt Ion:162 Resp: 521461

Ion Ratio Lower Upper

162 100

164 64.0 45.3 85.3

98 41.8 17.9 57.9



#30

1,2,4-Trichlorobenzene

Concen: 42.906 ng

RT: 8.237 min Scan# 918

Delta R.T. 0.000 min

Lab File: BF132518.D

Acq: 23 Feb 2023 13:49

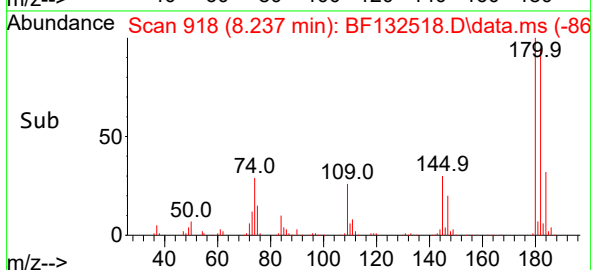
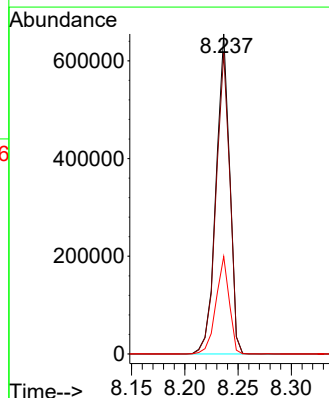
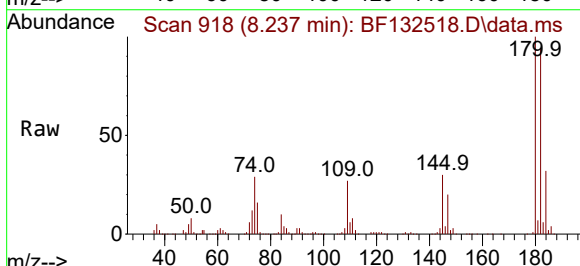
Tgt Ion:180 Resp: 578908

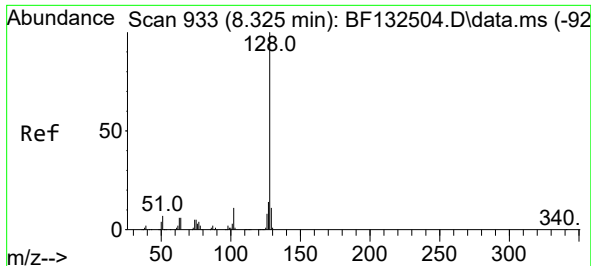
Ion Ratio Lower Upper

180 100

182 94.0 75.1 112.7

145 30.4 23.8 35.6

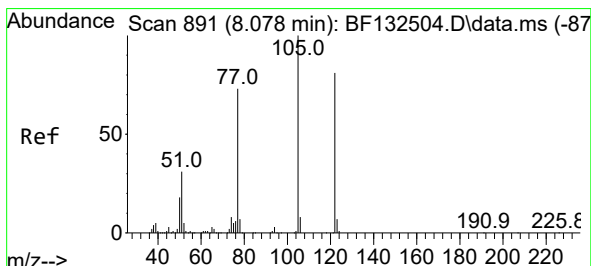
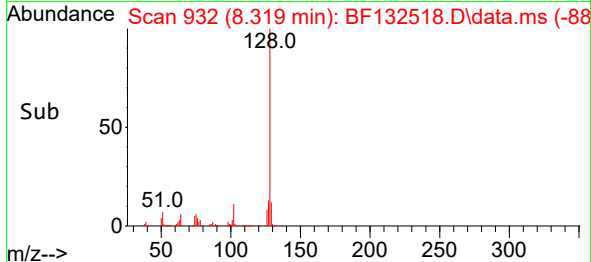
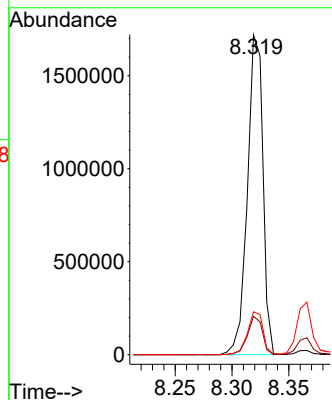
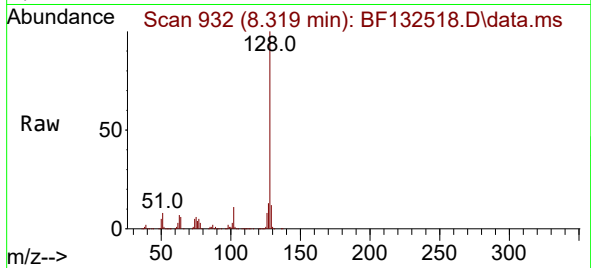




#31
Naphthalene
Concen: 40.250 ng
RT: 8.319 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

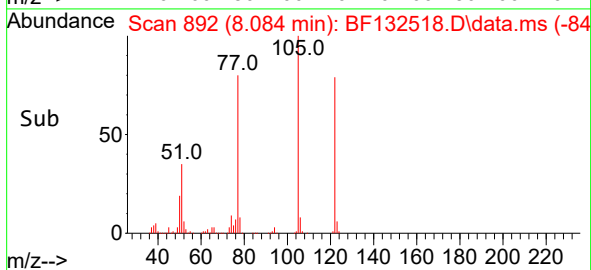
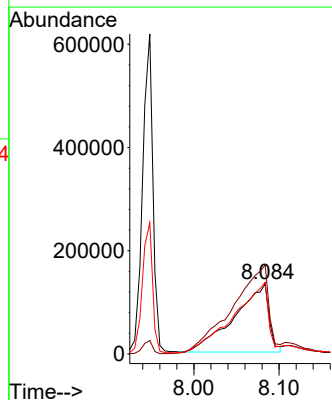
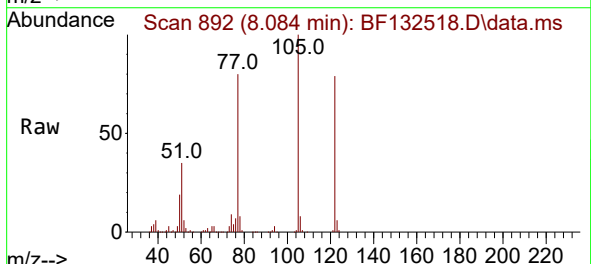
Instrument :
BNA_F
ClientSampleId :
PB151028BS

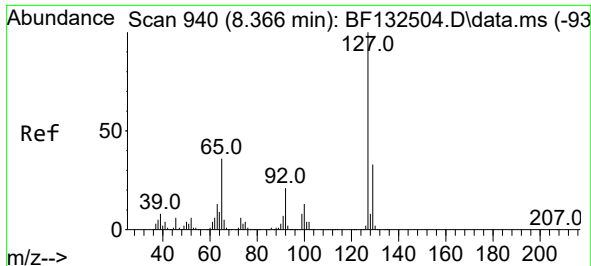
Tgt Ion:128 Resp: 1639675
Ion Ratio Lower Upper
128 100
129 12.0 9.1 13.7
127 13.4 11.0 16.6



#32
Benzoic acid
Concen: 38.560 ng
RT: 8.084 min Scan# 892
Delta R.T. 0.006 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

Tgt Ion:122 Resp: 371488
Ion Ratio Lower Upper
122 100
105 127.2 102.6 142.6
77 102.4 70.2 110.2





#33

4-Chloroaniline

Concen: 15.877 ng

RT: 8.366 min Scan# 940

Delta R.T. 0.000 min

Lab File: BF132518.D

Acq: 23 Feb 2023 13:49

Instrument :

BNA_F

ClientSampleId :

PB151028BS

Tgt Ion:127 Resp: 277159

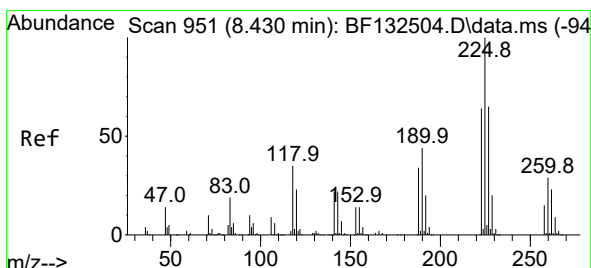
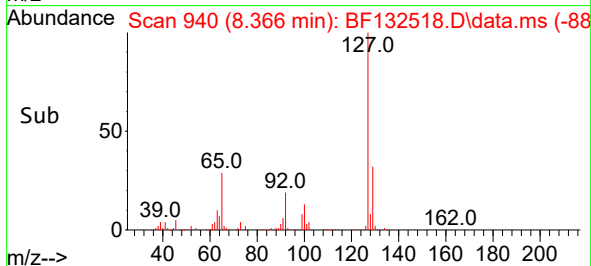
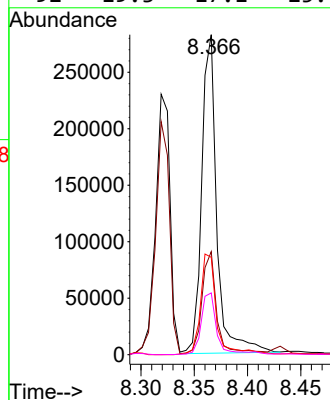
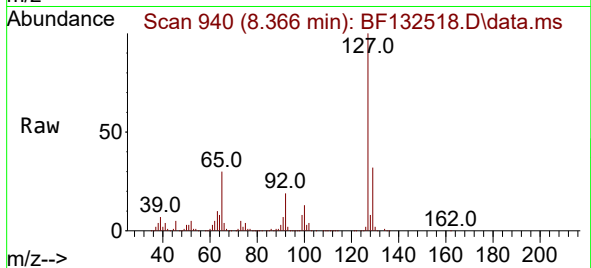
Ion Ratio Lower Upper

127 100

129 32.2 26.4 39.6

65 30.4 28.8 43.2

92 19.3 17.1 25.7



#34

Hexachlorobutadiene

Concen: 43.473 ng

RT: 8.431 min Scan# 951

Delta R.T. 0.000 min

Lab File: BF132518.D

Acq: 23 Feb 2023 13:49

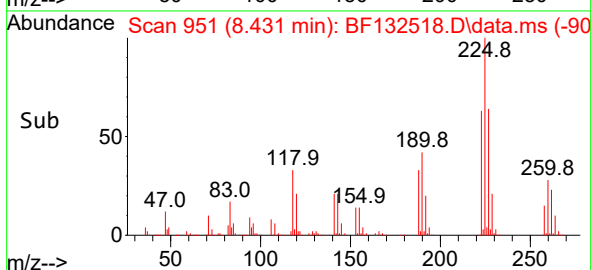
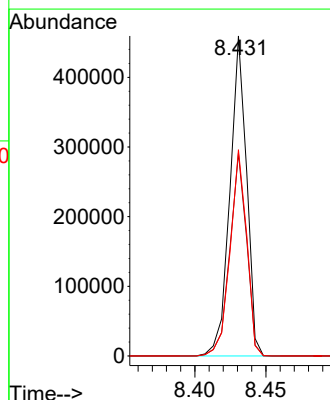
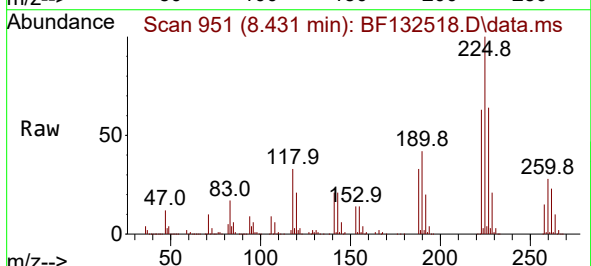
Tgt Ion:225 Resp: 372729

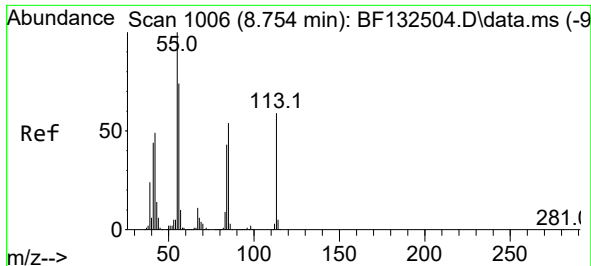
Ion Ratio Lower Upper

225 100

223 63.3 51.0 76.4

227 64.5 51.7 77.5

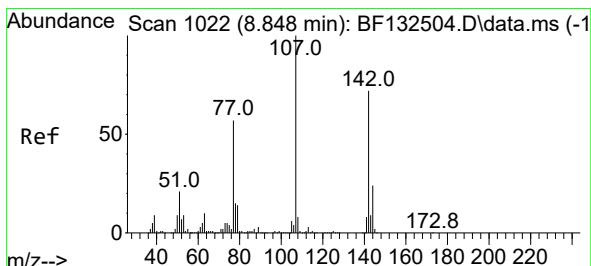
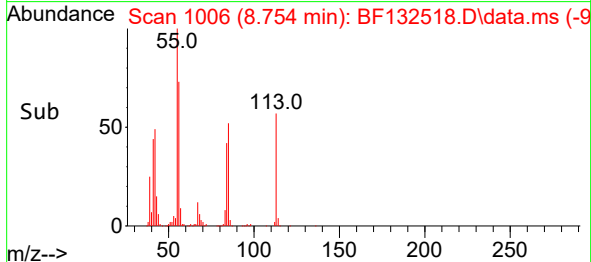
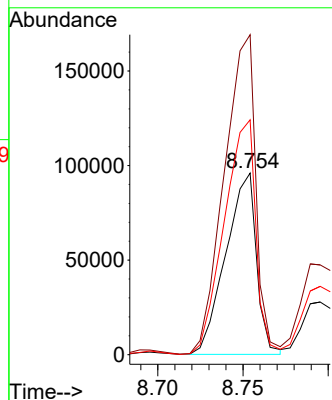
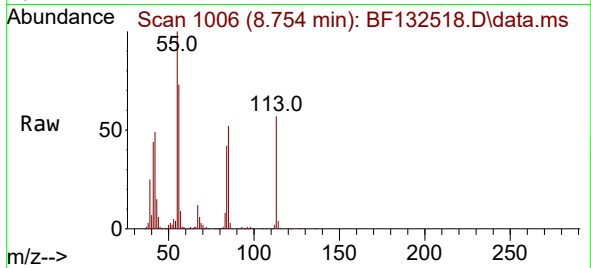




#35
Caprolactam
Concen: 29.349 ng
RT: 8.754 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

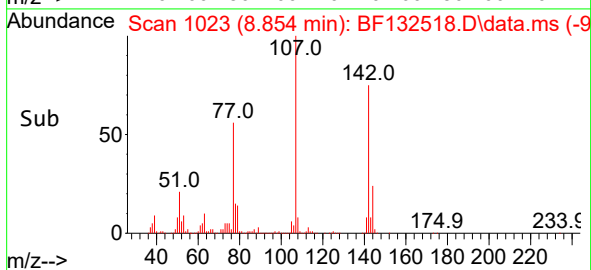
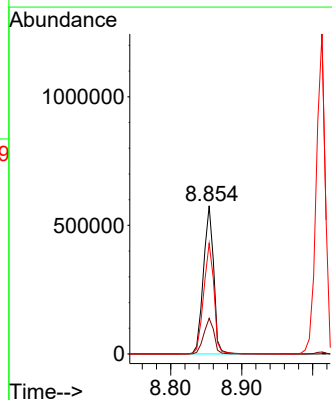
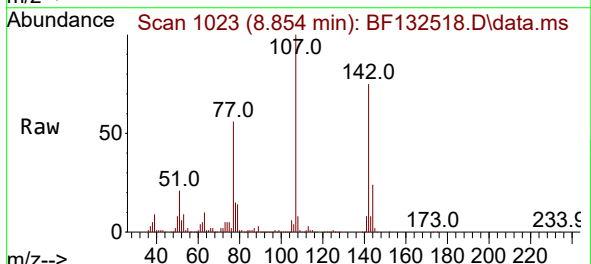
Instrument :
BNA_F
ClientSampleId :
PB151028BS

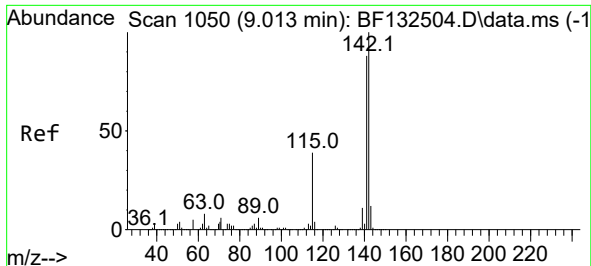
Tgt Ion:113 Resp: 120227
Ion Ratio Lower Upper
113 100
55 176.2 149.4 189.4
56 129.3 105.0 145.0



#36
4-Chloro-3-methylphenol
Concen: 42.569 ng
RT: 8.854 min Scan# 1023
Delta R.T. 0.006 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

Tgt Ion:107 Resp: 580895
Ion Ratio Lower Upper
107 100
144 24.1 18.9 28.3
142 74.7 57.9 86.9

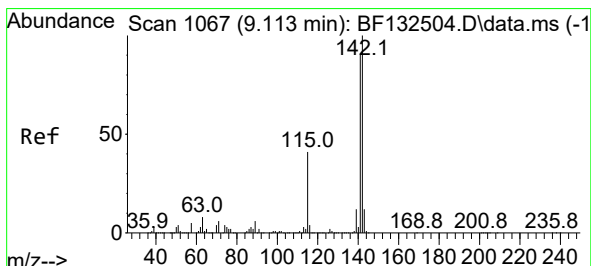
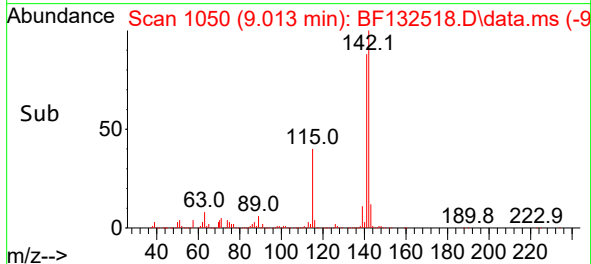
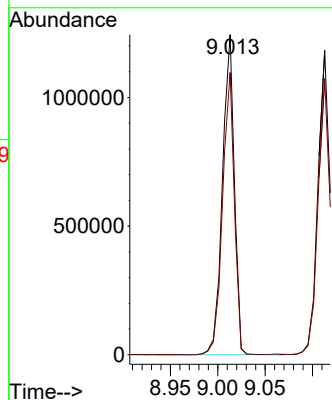
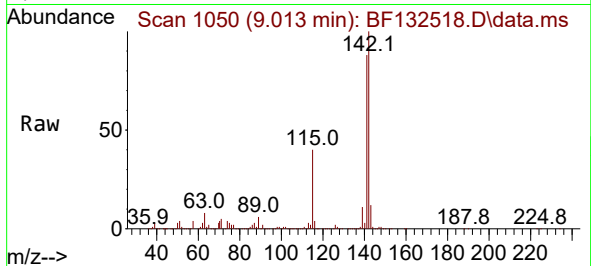




#37
2-Methylnaphthalene
Concen: 39.161 ng
RT: 9.013 min Scan# 1050
Delta R.T. 0.000 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

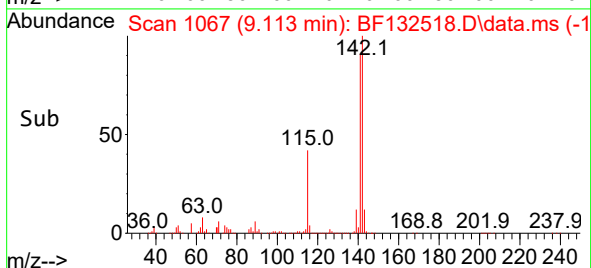
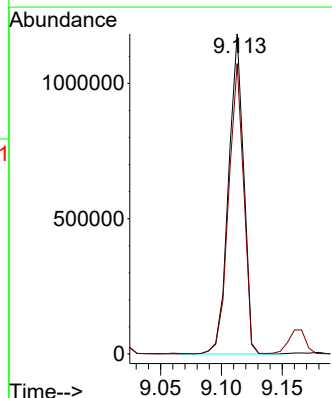
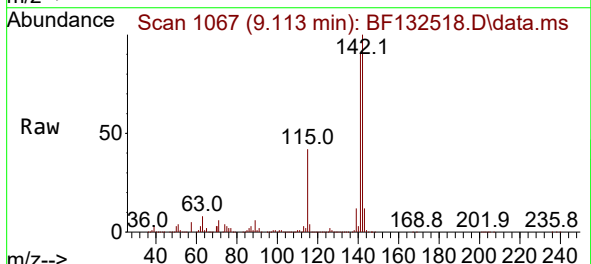
Instrument :
BNA_F
ClientSampleId :
PB151028BS

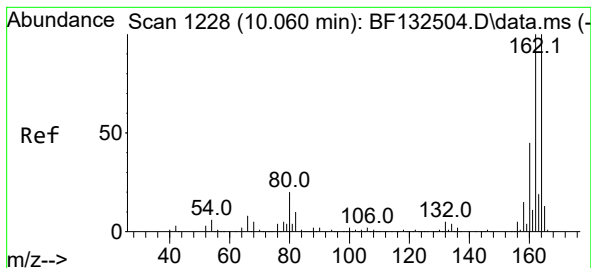
Tgt Ion:142 Resp: 1087192
Ion Ratio Lower Upper
142 100
141 88.2 70.2 105.2



#38
1-Methylnaphthalene
Concen: 39.391 ng
RT: 9.113 min Scan# 1067
Delta R.T. -0.000 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

Tgt Ion:142 Resp: 1021991
Ion Ratio Lower Upper
142 100
141 90.7 73.0 109.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.060 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF132518.D

Acq: 23 Feb 2023 13:49

Instrument :

BNA_F

ClientSampleId :

PB151028BS

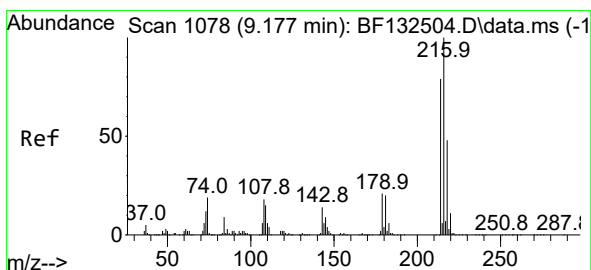
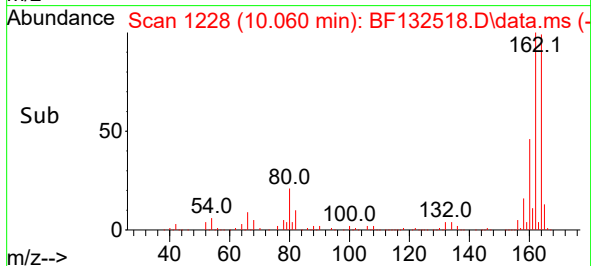
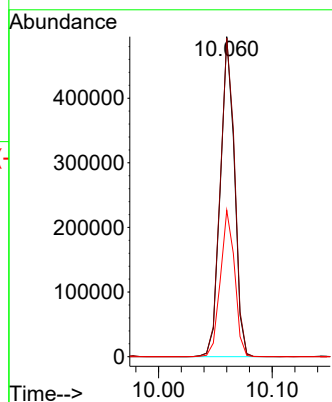
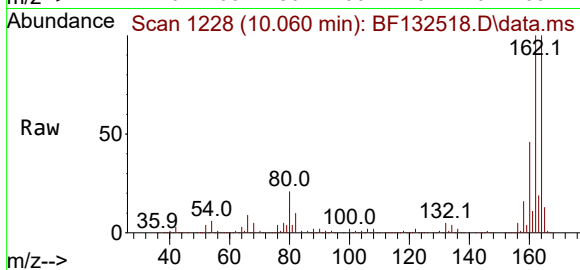
Tgt Ion:164 Resp: 426828

Ion Ratio Lower Upper

164 100

162 99.6 79.8 119.8

160 45.8 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.311 ng

RT: 9.178 min Scan# 1078

Delta R.T. 0.000 min

Lab File: BF132518.D

Acq: 23 Feb 2023 13:49

Tgt Ion:216 Resp: 576901

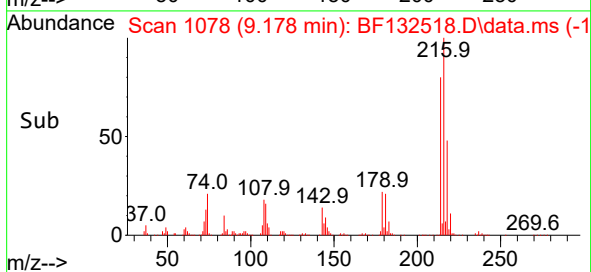
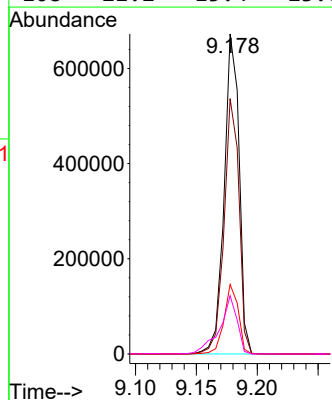
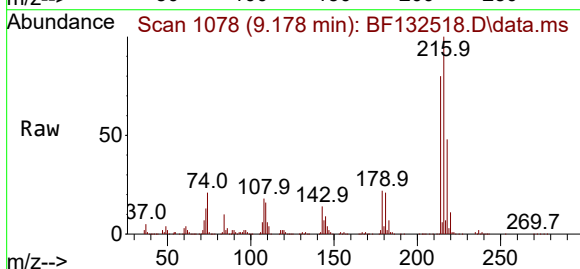
Ion Ratio Lower Upper

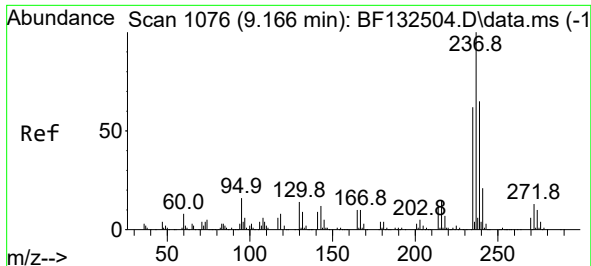
216 100

214 79.5 63.0 94.6

179 20.7 16.6 24.8

108 21.2 15.4 23.0

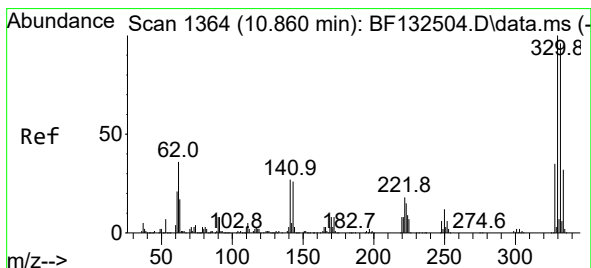
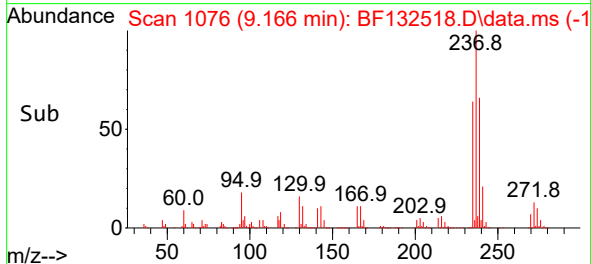
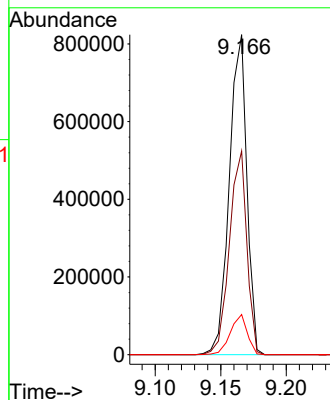
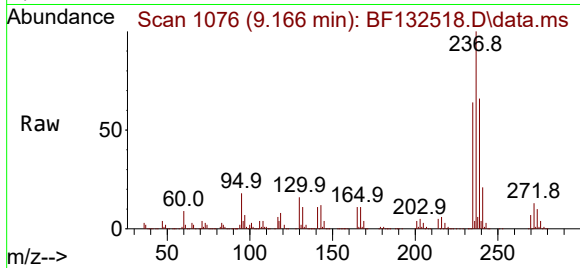




#41
Hexachlorocyclopentadiene
Concen: 101.121 ng
RT: 9.166 min Scan# 1076
Delta R.T. 0.000 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

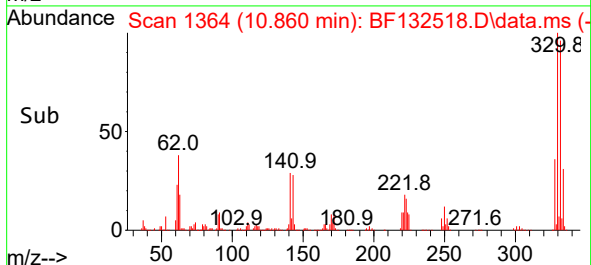
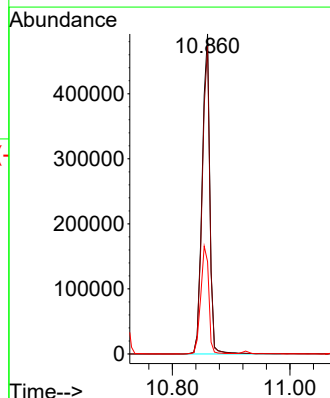
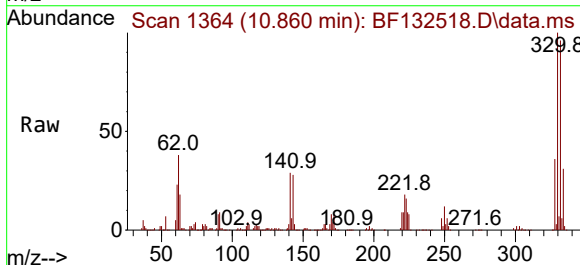
Instrument :
BNA_F
ClientSampleId :
PB151028BS

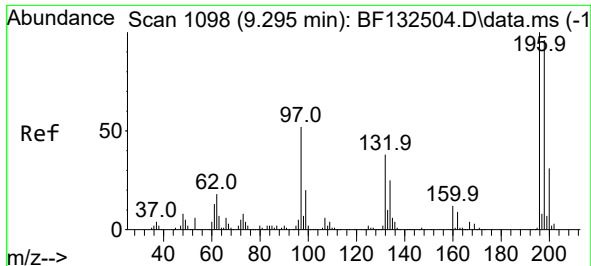
Tgt Ion:237 Resp: 765931
Ion Ratio Lower Upper
237 100
235 63.6 42.4 82.4
272 12.5 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 96.200 ng
RT: 10.860 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

Tgt Ion:330 Resp: 443440
Ion Ratio Lower Upper
330 100
332 95.7 76.2 114.4
141 35.5 28.4 42.6

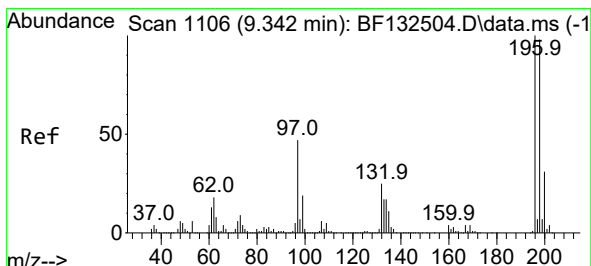
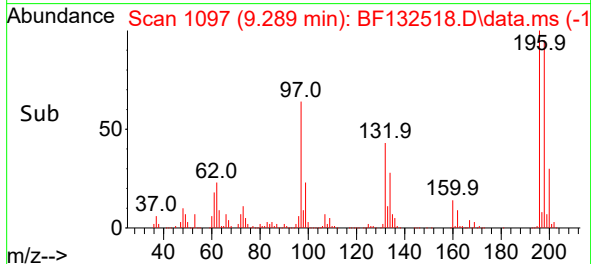
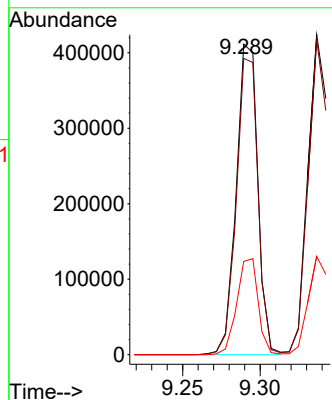
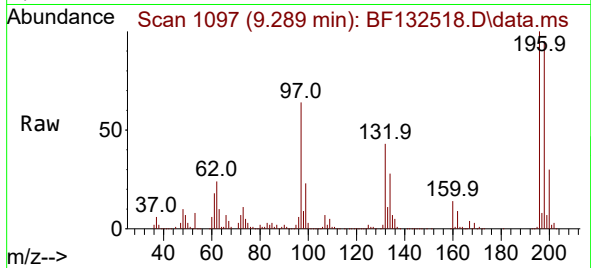




#43
2,4,6-Trichlorophenol
Concen: 42.172 ng
RT: 9.289 min Scan# 1105
Delta R.T. -0.006 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

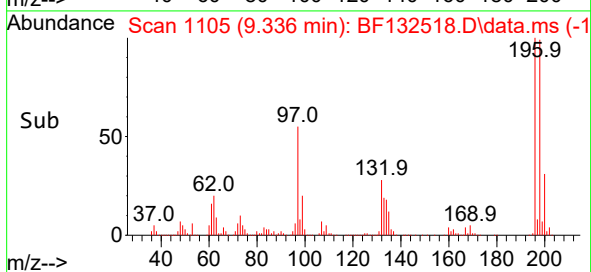
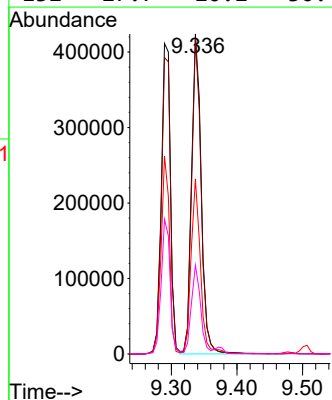
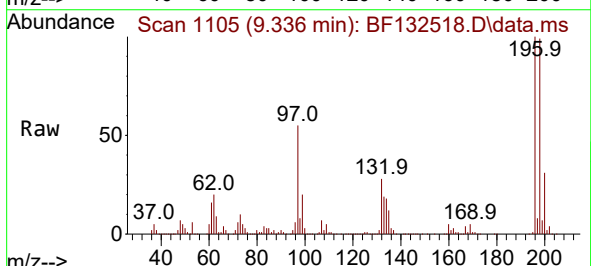
Instrument :
BNA_F
ClientSampleId :
PB151028BS

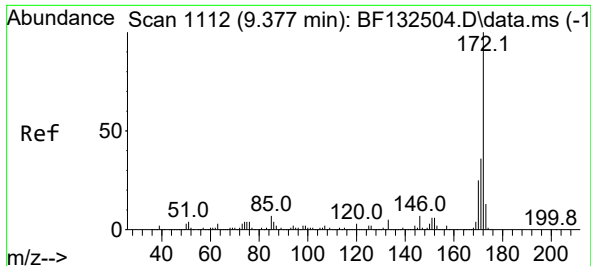
Tgt Ion:196 Resp: 399112
Ion Ratio Lower Upper
196 100
198 95.4 77.1 115.7
200 30.1 25.0 37.4



#44
2,4,5-Trichlorophenol
Concen: 39.495 ng
RT: 9.336 min Scan# 1105
Delta R.T. -0.006 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

Tgt Ion:196 Resp: 436248
Ion Ratio Lower Upper
196 100
198 98.5 78.3 117.5
97 54.7 38.1 57.1
132 27.7 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 61.607 ng

RT: 9.372 min Scan# 1112

Delta R.T. -0.005 min

Lab File: BF132518.D

Acq: 23 Feb 2023 13:49

Instrument :

BNA_F

ClientSampleId :

PB151028BS

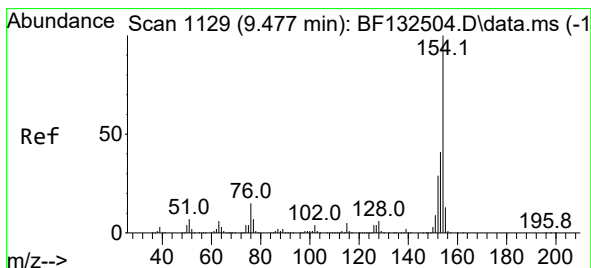
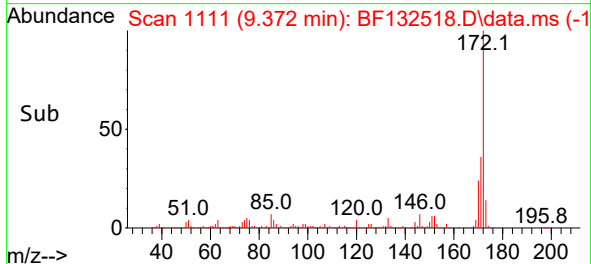
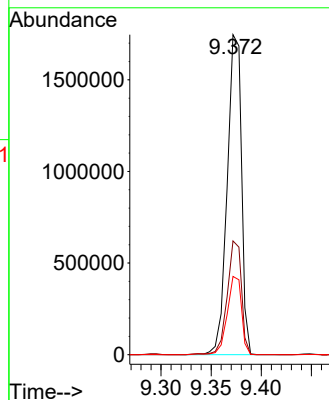
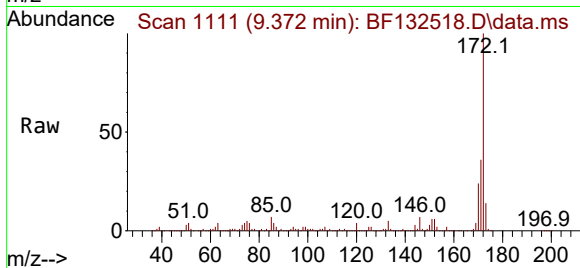
Tgt Ion:172 Resp: 1726961

Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 24.4 19.7 29.5



#46

1,1'-Biphenyl

Concen: 40.462 ng

RT: 9.478 min Scan# 1129

Delta R.T. 0.000 min

Lab File: BF132518.D

Acq: 23 Feb 2023 13:49

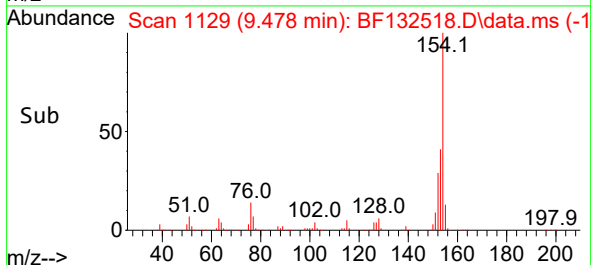
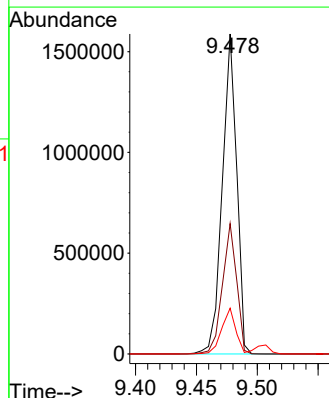
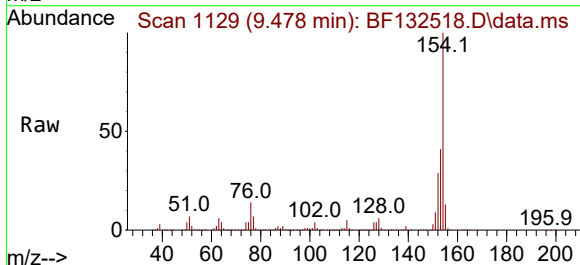
Tgt Ion:154 Resp: 1307166

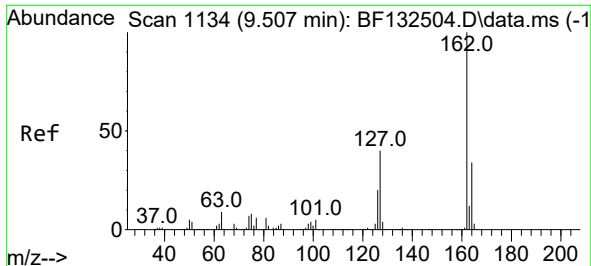
Ion Ratio Lower Upper

154 100

153 40.8 20.9 60.9

76 14.3 0.0 34.7

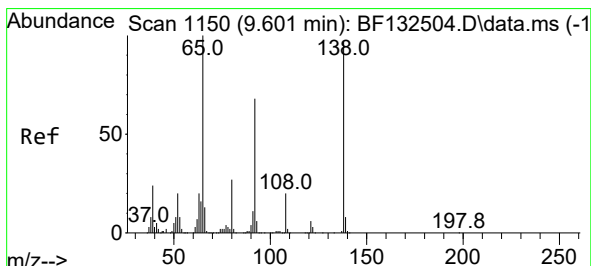
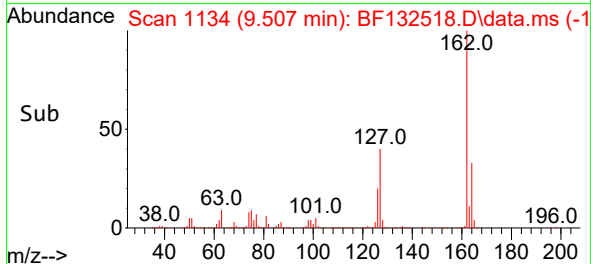
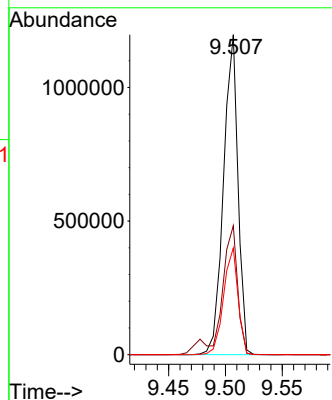
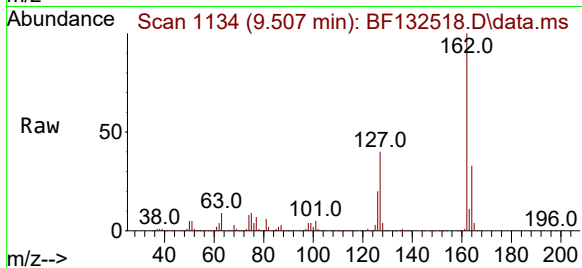




#47
2-Chloronaphthalene
Concen: 41.536 ng
RT: 9.507 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

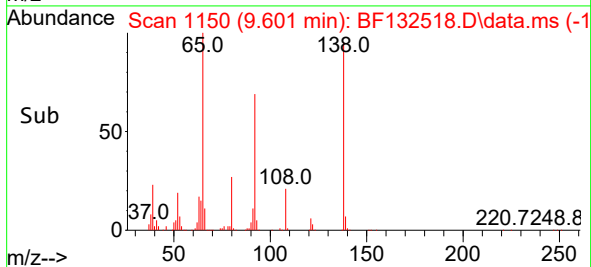
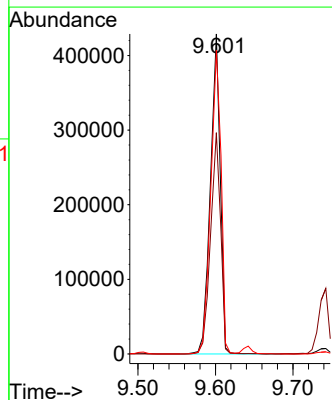
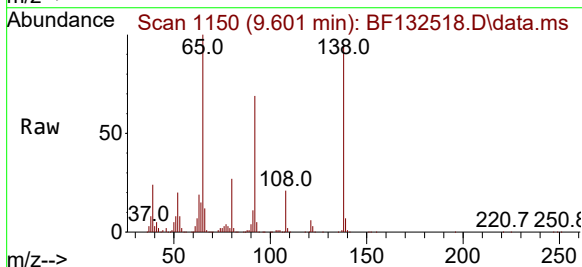
Instrument :
BNA_F
ClientSampleId :
PB151028BS

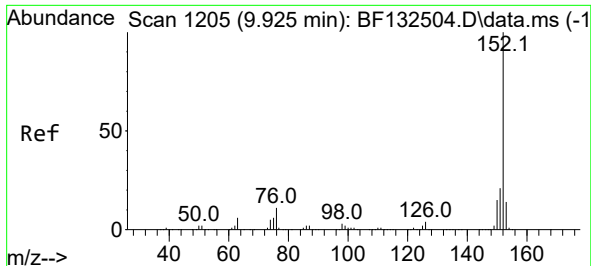
Tgt Ion:162 Resp: 1063880
Ion Ratio Lower Upper
162 100
127 40.3 32.3 48.5
164 33.3 26.9 40.3



#48
2-Nitroaniline
Concen: 40.264 ng
RT: 9.601 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

Tgt Ion: 65 Resp: 379831
Ion Ratio Lower Upper
65 100
92 69.2 54.5 81.7
138 94.8 77.2 115.8





#49

Acenaphthylene

Concen: 40.097 ng

RT: 9.925 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF132518.D

Acq: 23 Feb 2023 13:49

Instrument :

BNA_F

ClientSampleId :

PB151028BS

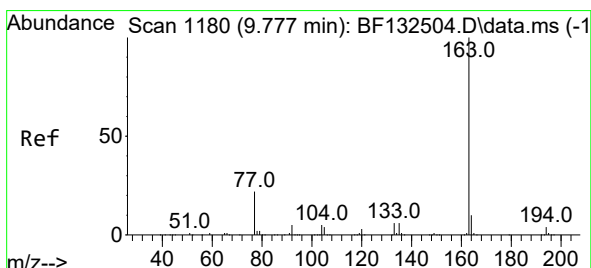
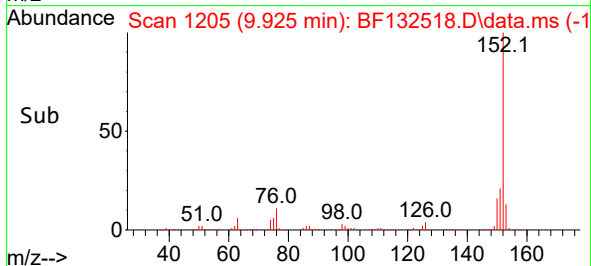
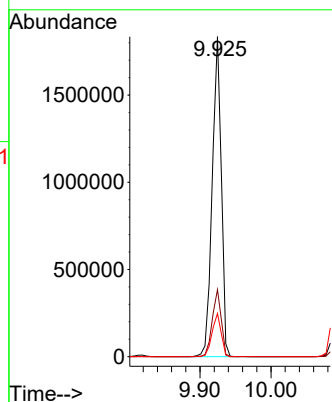
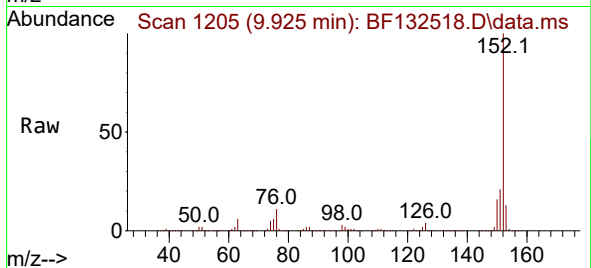
Tgt Ion:152 Resp: 1634516

Ion Ratio Lower Upper

152 100

151 20.9 16.4 24.6

153 13.5 11.0 16.6



#50

Dimethylphthalate

Concen: 40.782 ng

RT: 9.778 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF132518.D

Acq: 23 Feb 2023 13:49

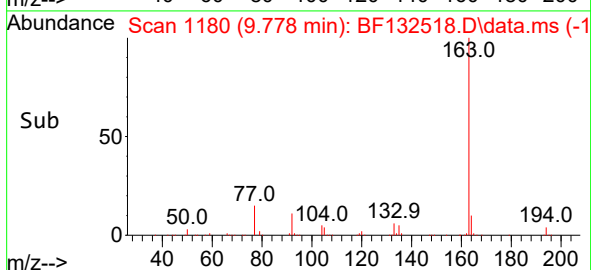
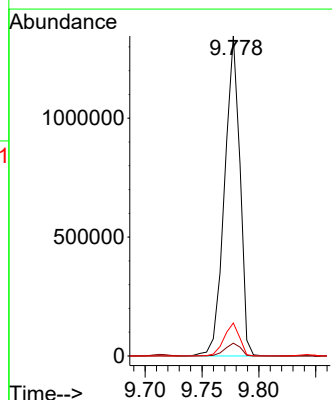
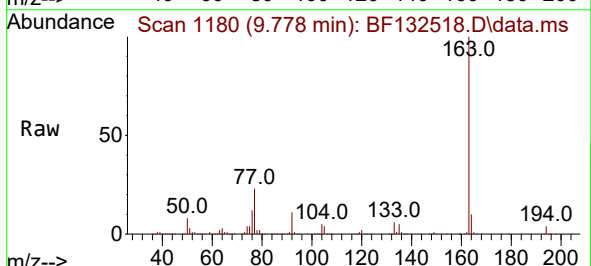
Tgt Ion:163 Resp: 1267430

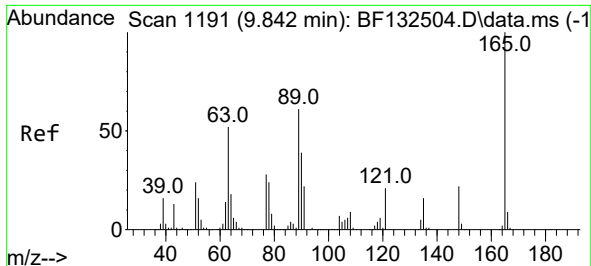
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.3 8.3 12.5

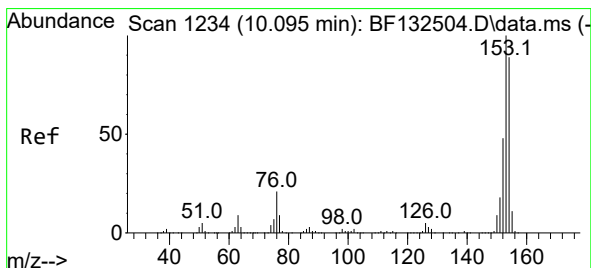
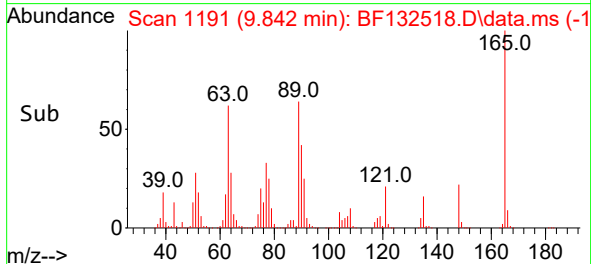
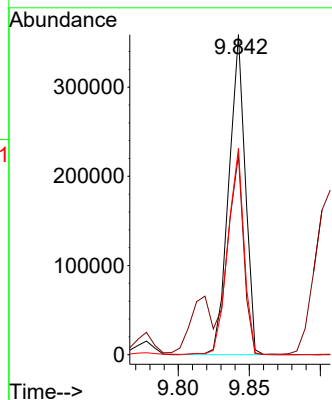
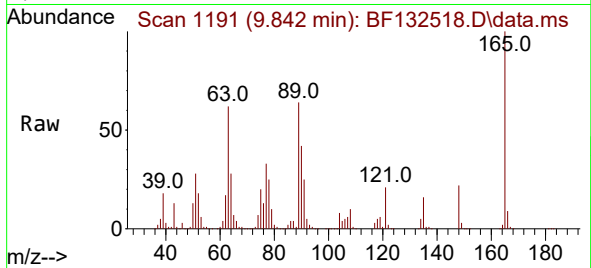




#51
2,6-Dinitrotoluene
Concen: 40.852 ng
RT: 9.842 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

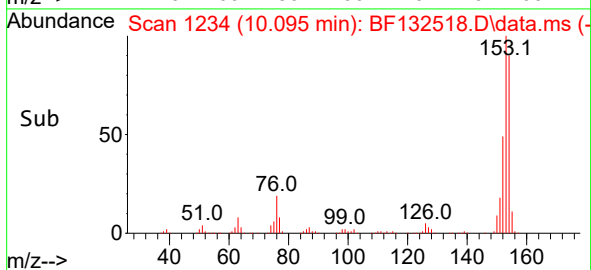
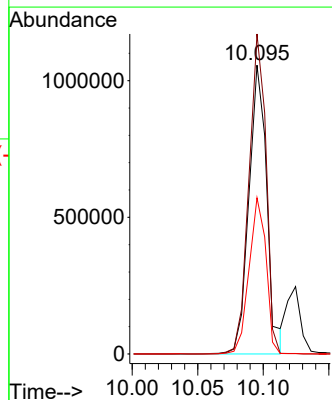
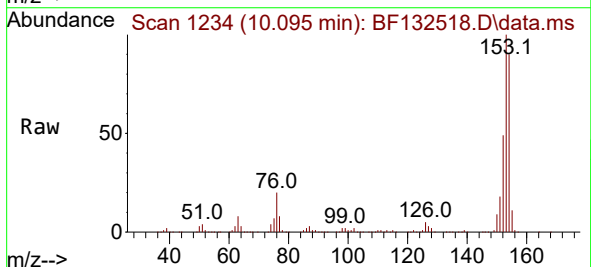
Instrument :
BNA_F
ClientSampleId :
PB151028BS

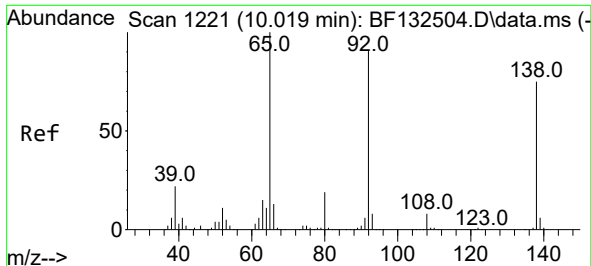
Tgt Ion:165 Resp: 289145
Ion Ratio Lower Upper
165 100
63 62.4 47.3 70.9
89 64.5 48.9 73.3



#52
Acenaphthene
Concen: 38.571 ng
RT: 10.095 min Scan# 1234
Delta R.T. 0.000 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

Tgt Ion:154 Resp: 998401
Ion Ratio Lower Upper
154 100
153 110.8 89.8 134.8
152 54.1 43.3 64.9

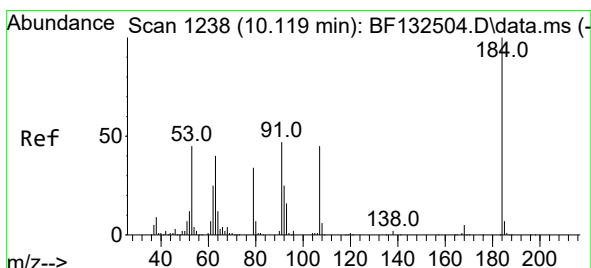
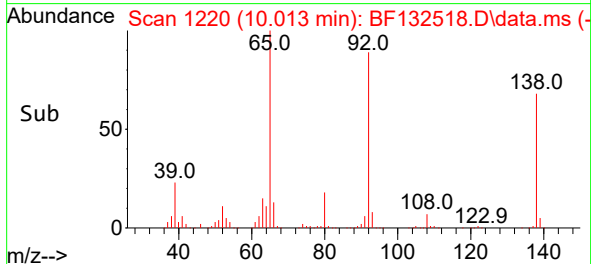
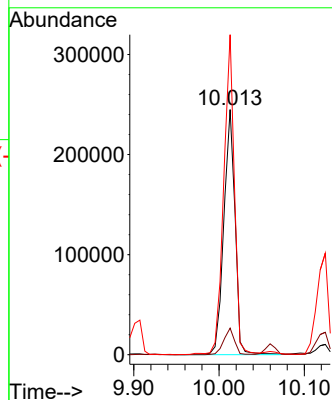
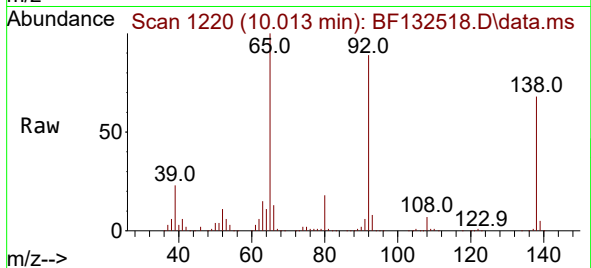




#53
3-Nitroaniline
Concen: 28.269 ng
RT: 10.013 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

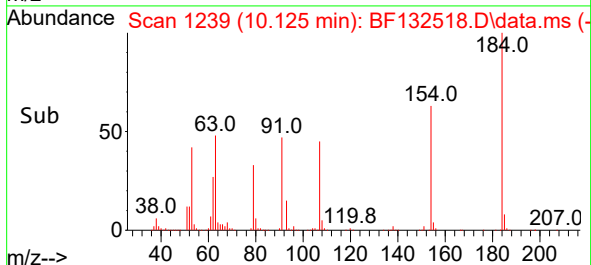
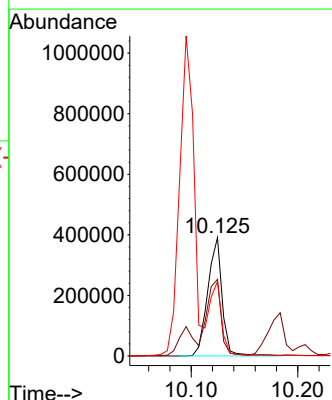
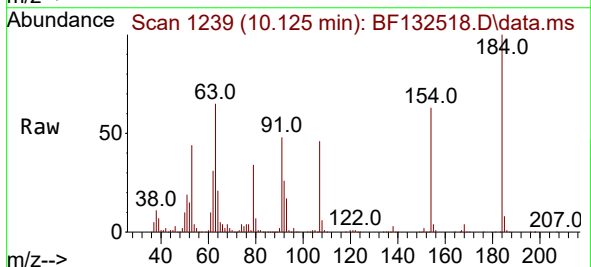
Instrument :
BNA_F
ClientSampleId :
PB151028BS

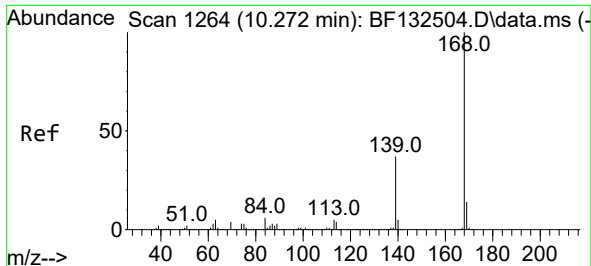
Tgt Ion:138 Resp: 223816
Ion Ratio Lower Upper
138 100
108 10.8 8.1 12.1
92 130.5 97.2 145.8



#54
2,4-Dinitrophenol
Concen: 83.006 ng
RT: 10.125 min Scan# 1239
Delta R.T. 0.006 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

Tgt Ion:184 Resp: 370538
Ion Ratio Lower Upper
184 100
63 64.8 51.4 77.2
154 63.0 48.3 72.5

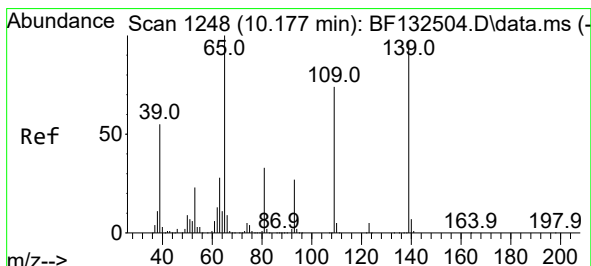
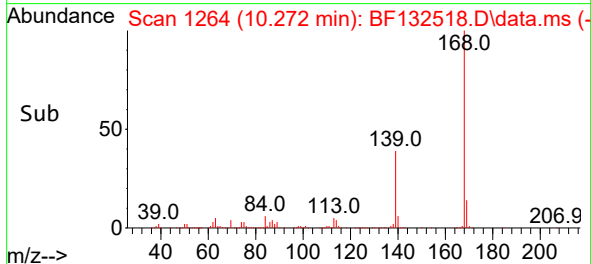
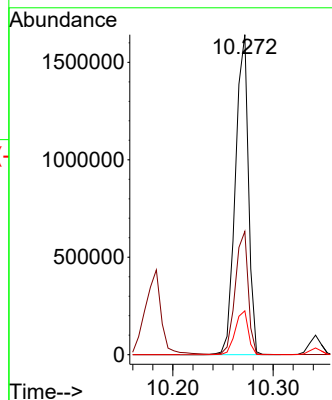
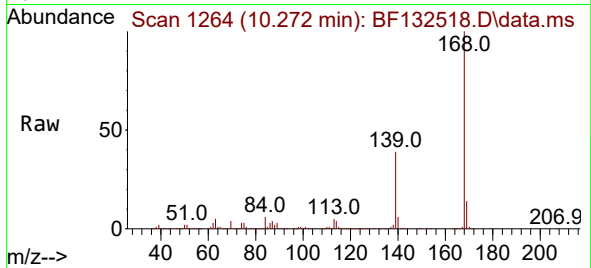




#55
Dibenzenofuran
Concen: 39.158 ng
RT: 10.272 min Scan# 1264
Delta R.T. -0.000 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

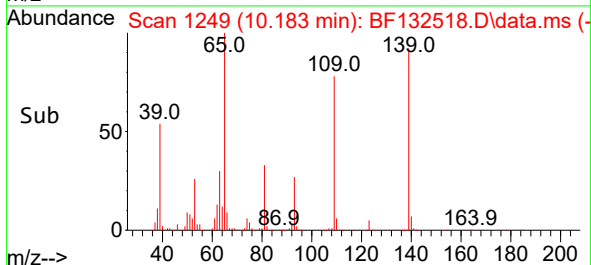
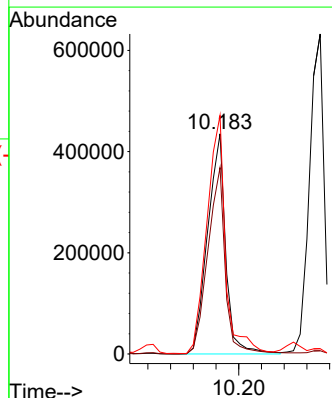
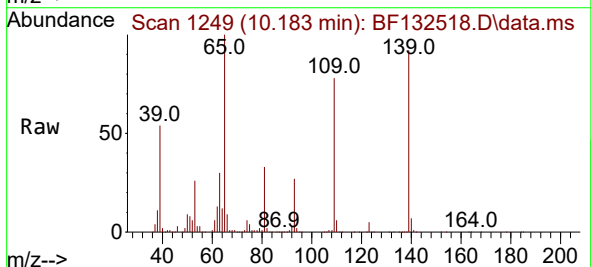
Instrument :
BNA_F
ClientSampleId :
PB151028BS

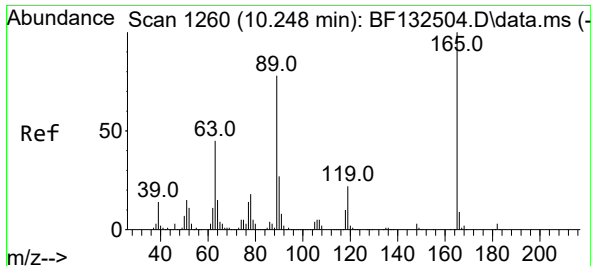
Tgt Ion:168 Resp: 1477693
Ion Ratio Lower Upper
168 100
139 38.5 29.8 44.6
169 13.7 10.9 16.3



#56
4-Nitrophenol
Concen: 81.320 ng
RT: 10.183 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

Tgt Ion:139 Resp: 480155
Ion Ratio Lower Upper
139 100
109 84.6 56.7 96.7
65 108.3 83.5 123.5

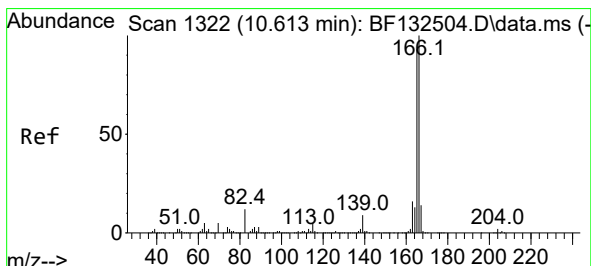
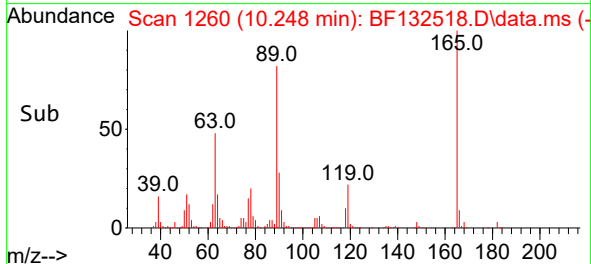
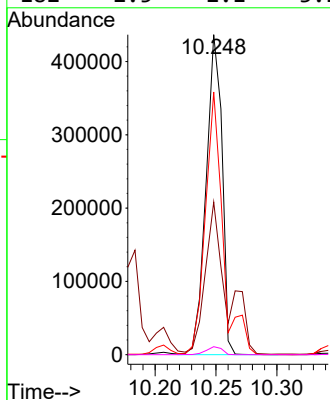
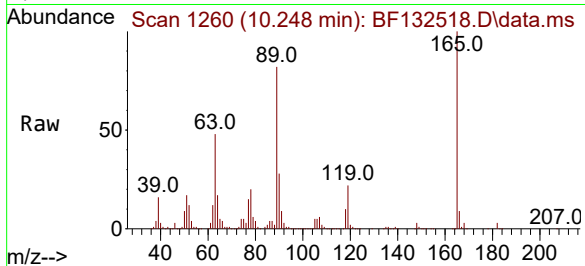




#57
2,4-Dinitrotoluene
Concen: 42.133 ng
RT: 10.248 min Scan# 1260
Delta R.T. 0.000 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

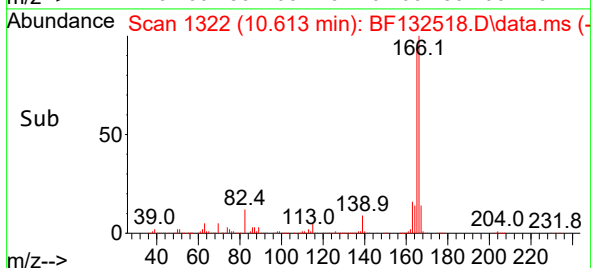
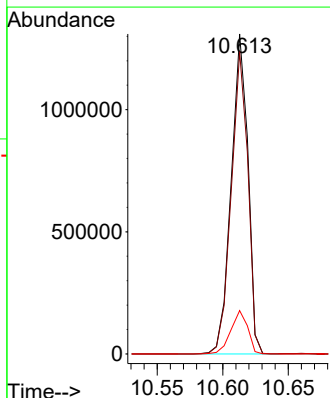
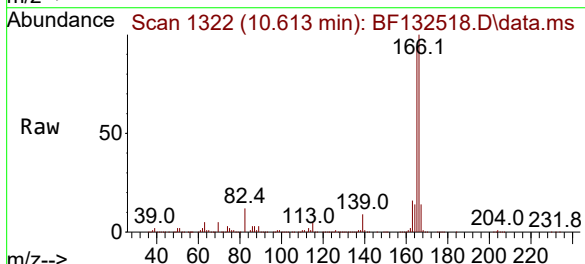
Instrument :
BNA_F
ClientSampleId :
PB151028BS

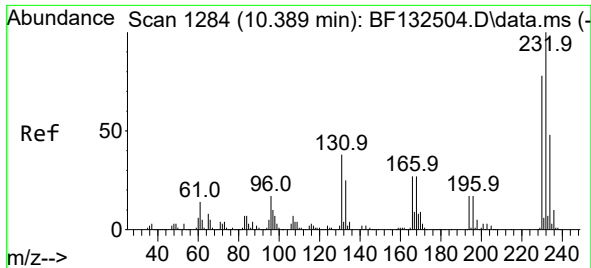
Tgt Ion:165 Resp: 396725
Ion Ratio Lower Upper
165 100
63 47.7 36.5 54.7
89 82.1 62.4 93.6
182 2.5 2.1 3.1



#58
Fluorene
Concen: 40.270 ng
RT: 10.613 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

Tgt Ion:166 Resp: 1162375
Ion Ratio Lower Upper
166 100
165 94.4 74.2 111.4
167 13.6 11.1 16.7

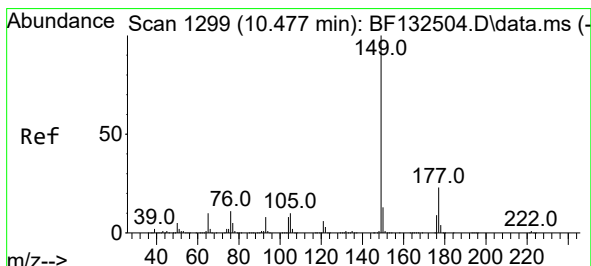
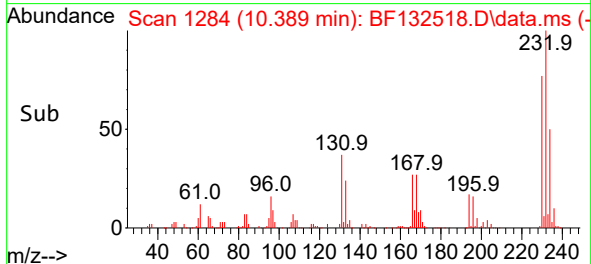
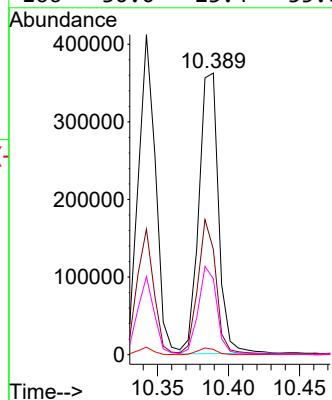
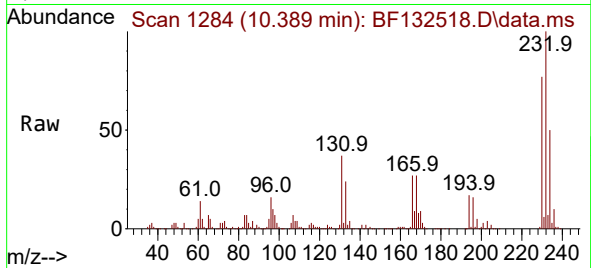




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.633 ng
RT: 10.389 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

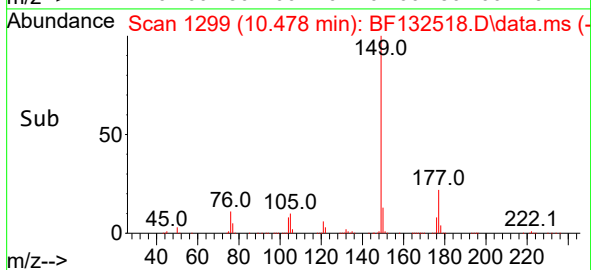
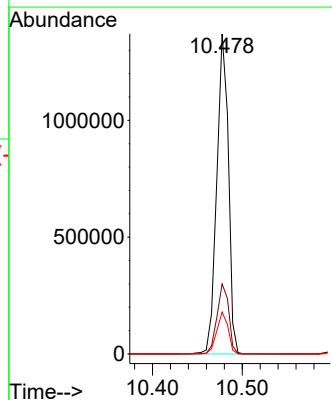
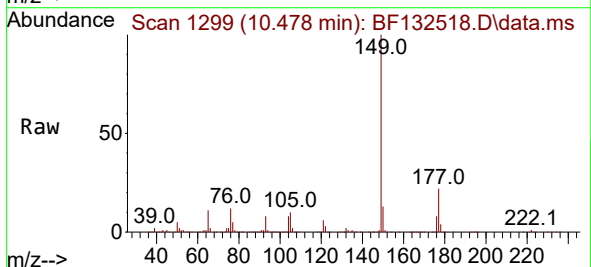
Instrument :
BNA_F
ClientSampleId :
PB151028BS

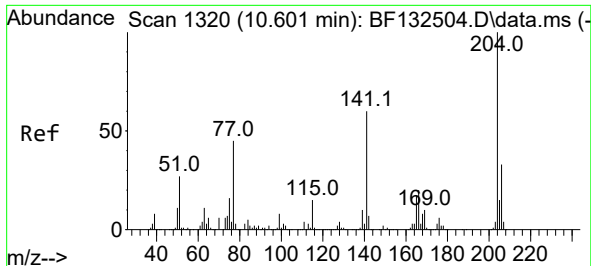
Tgt Ion:232 Resp: 349809
Ion Ratio Lower Upper
232 100
131 44.7 33.8 50.8
130 2.3 1.7 2.5
166 30.0 23.4 35.0



#60
Diethylphthalate
Concen: 40.610 ng
RT: 10.478 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

Tgt Ion:149 Resp: 1232638
Ion Ratio Lower Upper
149 100
177 21.9 18.1 27.1
150 13.1 10.2 15.2

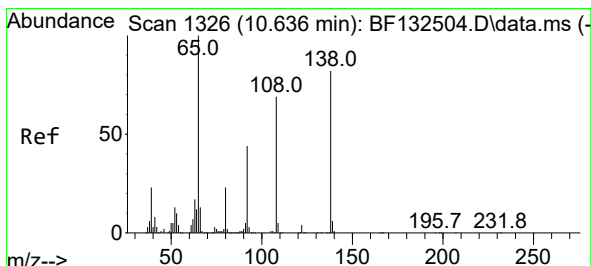
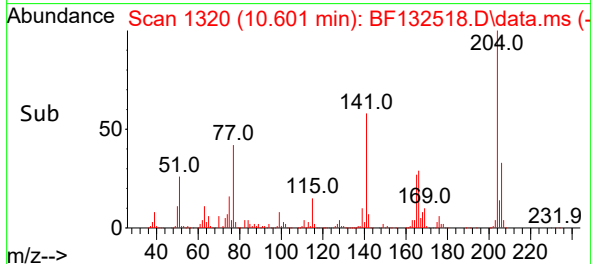
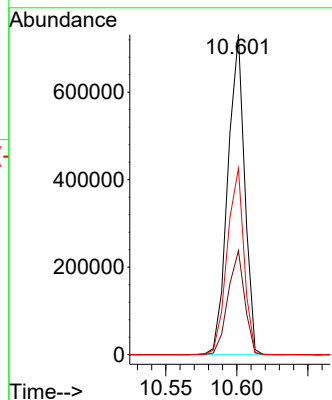
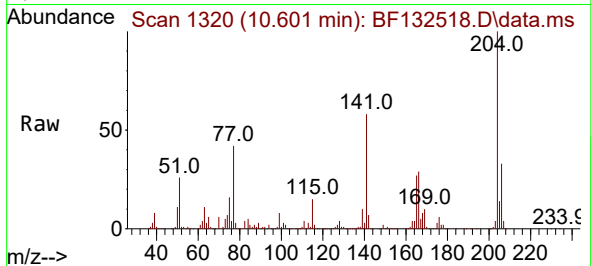




#61
4-Chlorophenyl-phenylether
Concen: 40.056 ng
RT: 10.601 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

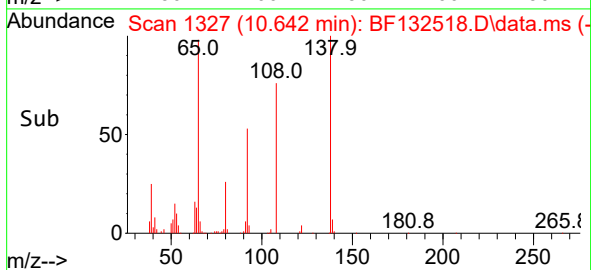
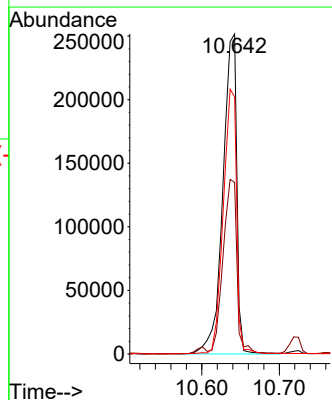
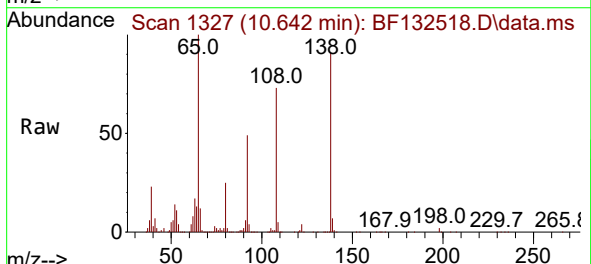
Instrument :
BNA_F
ClientSampleId :
PB151028BS

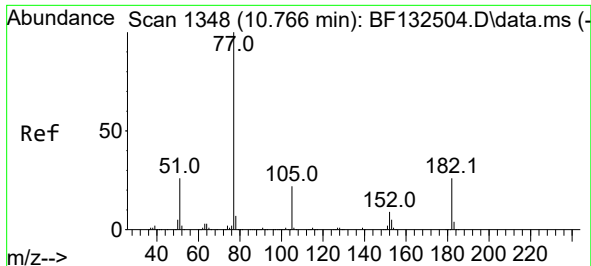
Tgt Ion:204 Resp: 599803
Ion Ratio Lower Upper
204 100
206 32.5 26.3 39.5
141 58.3 47.8 71.8



#62
4-Nitroaniline
Concen: 40.573 ng
RT: 10.642 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

Tgt Ion:138 Resp: 315323
Ion Ratio Lower Upper
138 100
92 53.6 33.8 73.8
108 80.3 63.7 103.7

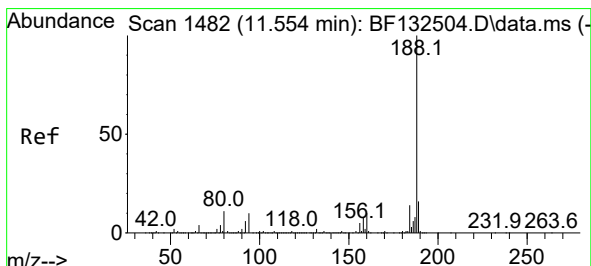
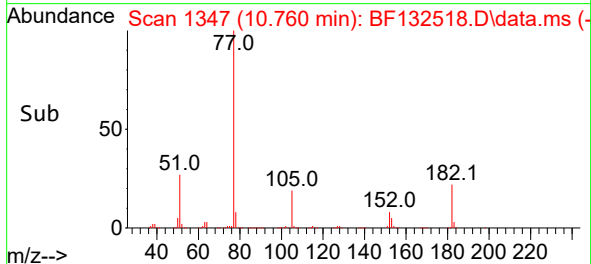
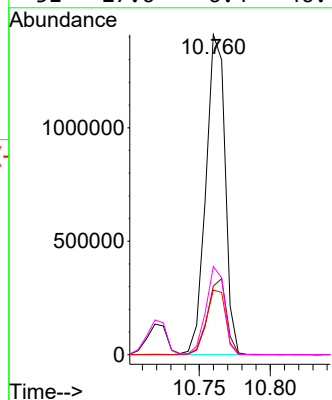
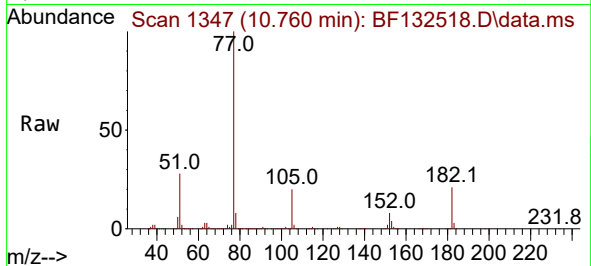




#63
Azobenzene
Concen: 41.092 ng
RT: 10.760 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

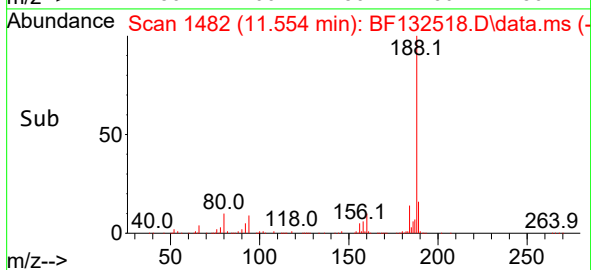
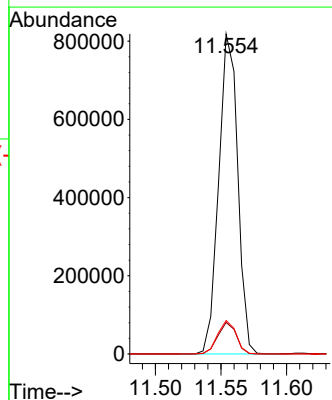
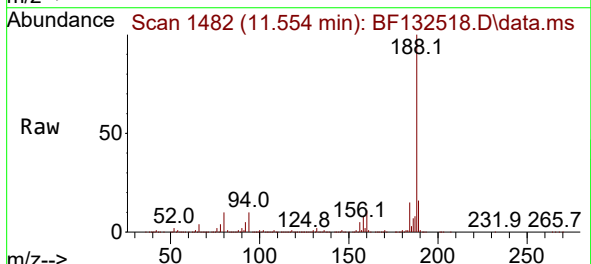
Instrument :
BNA_F
ClientSampleId :
PB151028BS

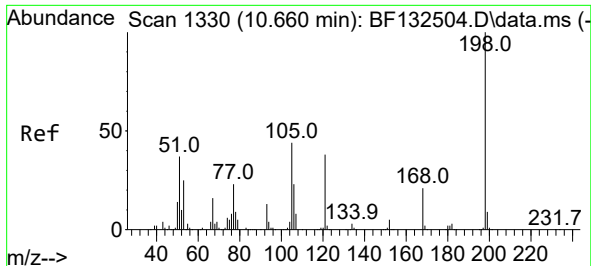
Tgt Ion: 77 Resp: 1320910
Ion Ratio Lower Upper
77 100
182 21.5 5.5 45.5
105 20.2 1.8 41.8
51 27.6 6.4 46.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.554 min Scan# 1482
Delta R.T. 0.000 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

Tgt Ion:188 Resp: 823368
Ion Ratio Lower Upper
188 100
94 9.8 8.3 12.5
80 10.4 8.7 13.1

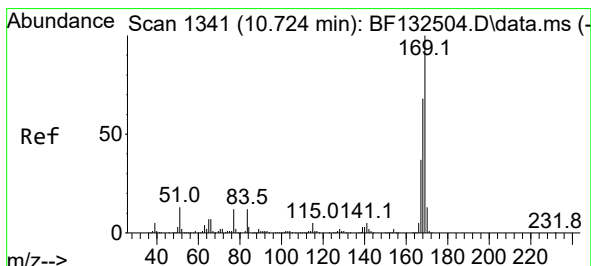
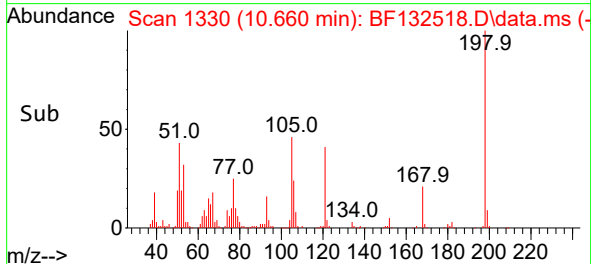
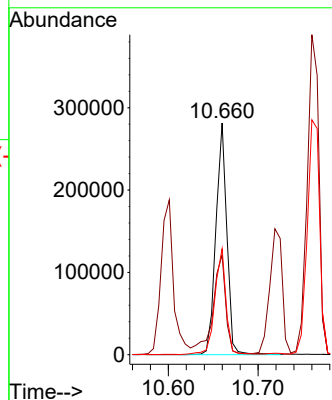
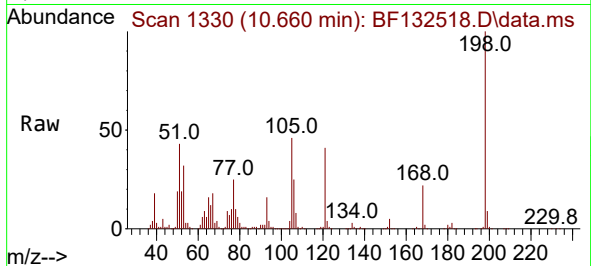




#65
4,6-Dinitro-2-methylphenol
Concen: 42.934 ng
RT: 10.660 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

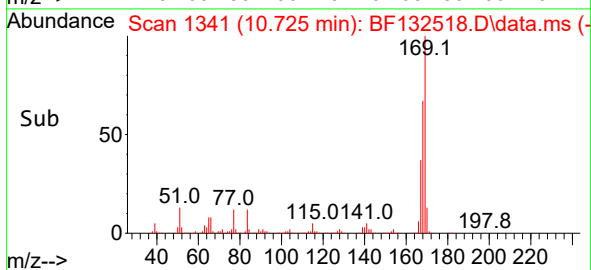
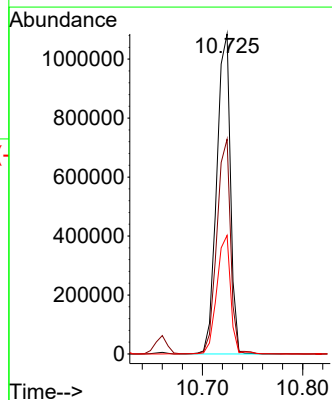
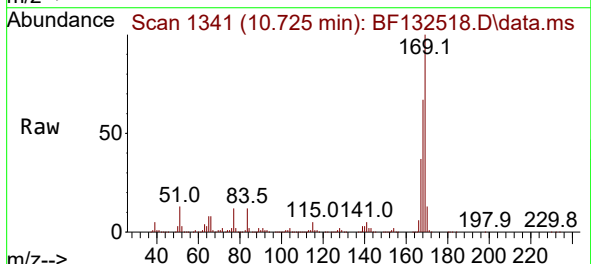
Instrument :
BNA_F
ClientSampleId :
PB151028BS

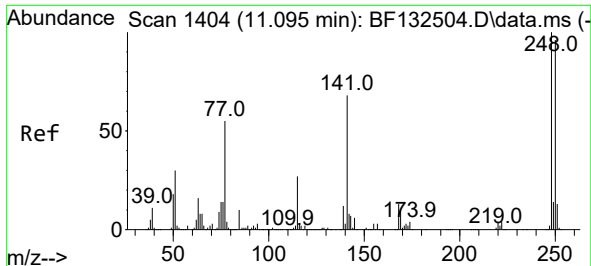
Tgt Ion:198 Resp: 239303
Ion Ratio Lower Upper
198 100
51 43.1 20.6 60.6
105 45.7 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 40.103 ng
RT: 10.725 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

Tgt Ion:169 Resp: 1029398
Ion Ratio Lower Upper
169 100
168 67.1 54.2 81.4
167 37.1 29.6 44.4

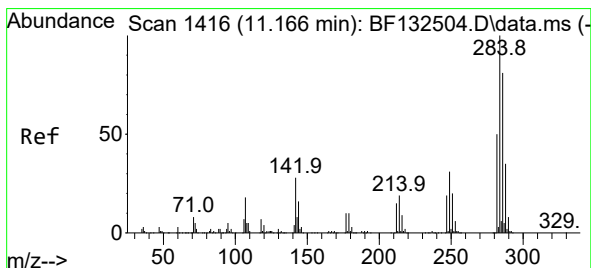
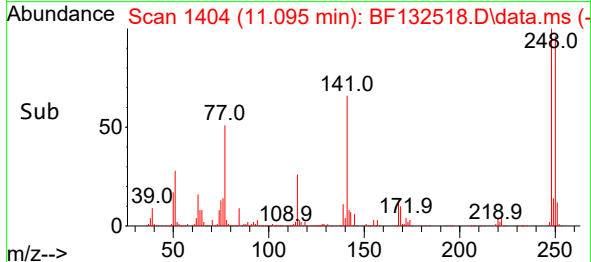
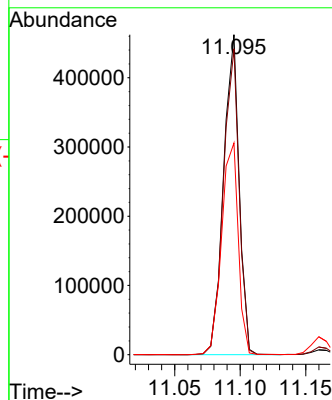
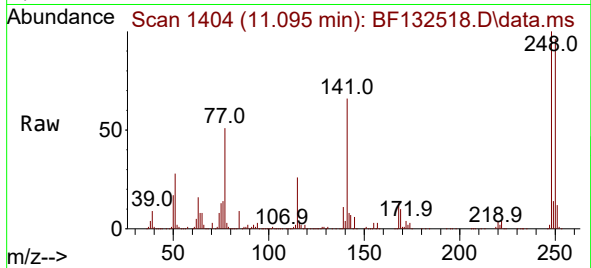




#67
4-Bromophenyl-phenylether
Concen: 41.044 ng
RT: 11.095 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

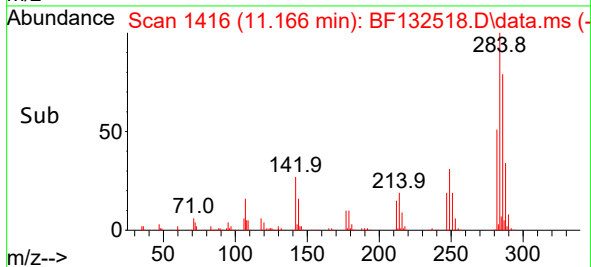
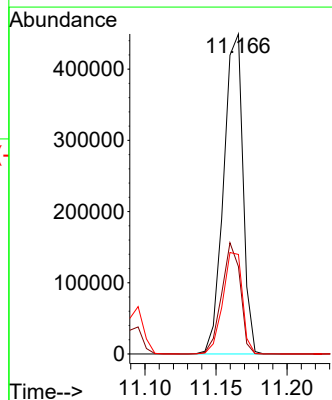
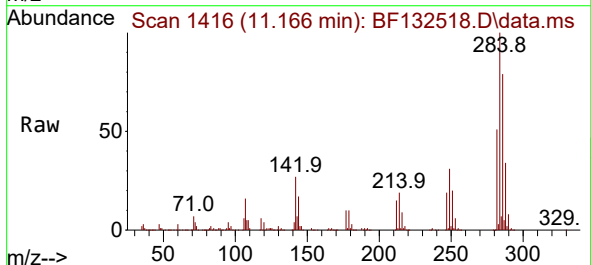
Instrument :
BNA_F
ClientSampleId :
PB151028BS

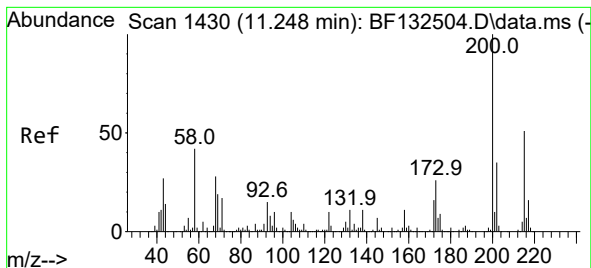
Tgt Ion:248 Resp: 382270
Ion Ratio Lower Upper
248 100
250 95.6 77.0 115.4
141 66.1 54.2 81.2



#68
Hexachlorobenzene
Concen: 43.220 ng
RT: 11.166 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

Tgt Ion:284 Resp: 423555
Ion Ratio Lower Upper
284 100
142 27.3 22.2 33.4
249 31.1 24.9 37.3





#69

Atrazine

Concen: 44.665 ng

RT: 11.248 min Scan# 1430

Delta R.T. 0.000 min

Lab File: BF132518.D

Acq: 23 Feb 2023 13:49

Instrument :

BNA_F

ClientSampleId :

PB151028BS

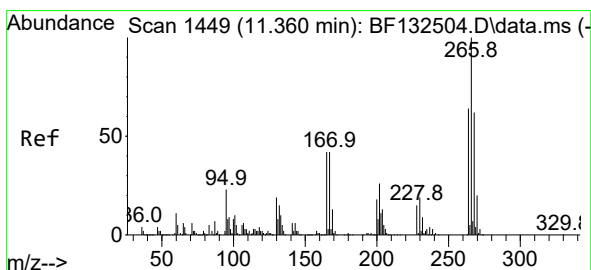
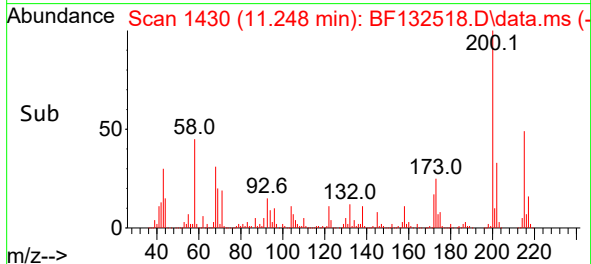
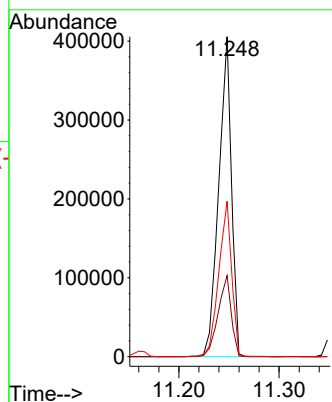
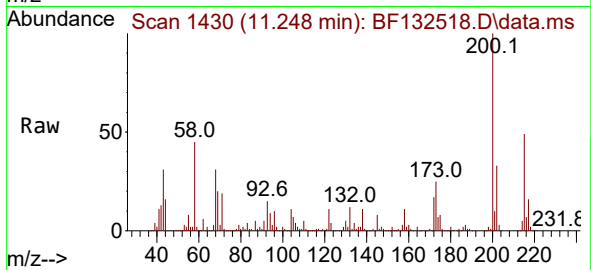
Tgt Ion:200 Resp: 357932

Ion Ratio Lower Upper

200 100

173 25.3 6.4 46.4

215 48.6 31.0 71.0



#70

Pentachlorophenol

Concen: 78.943 ng

RT: 11.360 min Scan# 1449

Delta R.T. -0.000 min

Lab File: BF132518.D

Acq: 23 Feb 2023 13:49

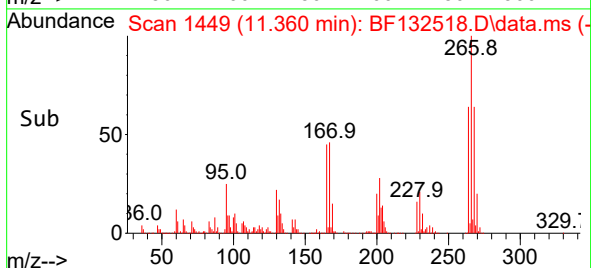
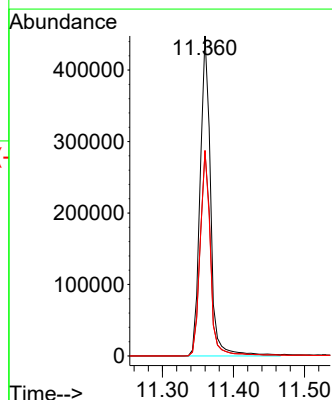
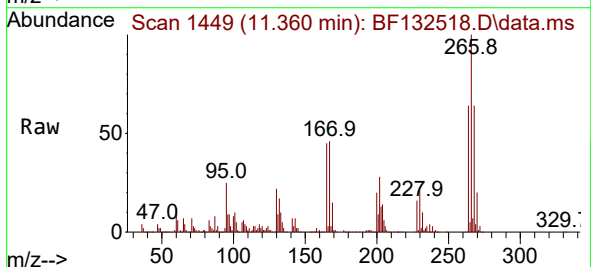
Tgt Ion:266 Resp: 460291

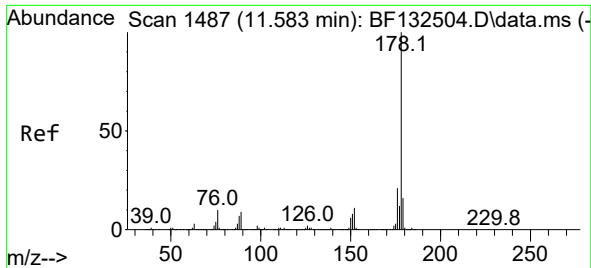
Ion Ratio Lower Upper

266 100

268 63.9 49.8 74.6

264 64.3 50.9 76.3

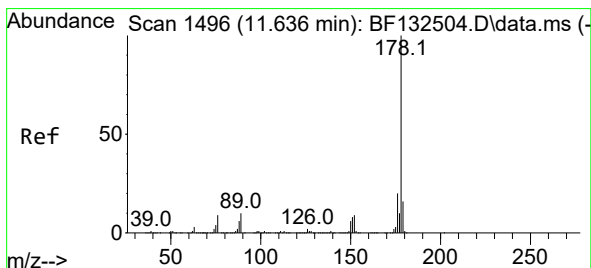
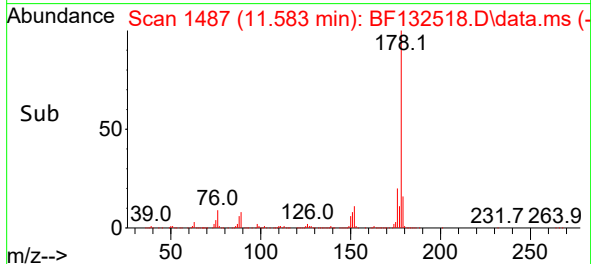
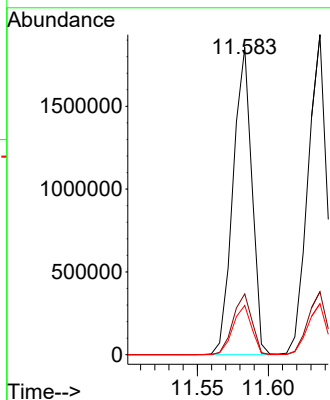
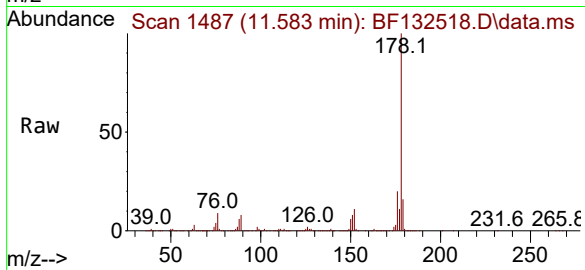




#71
Phenanthrene
Concen: 40.180 ng
RT: 11.583 min Scan# 1487
Delta R.T. 0.000 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

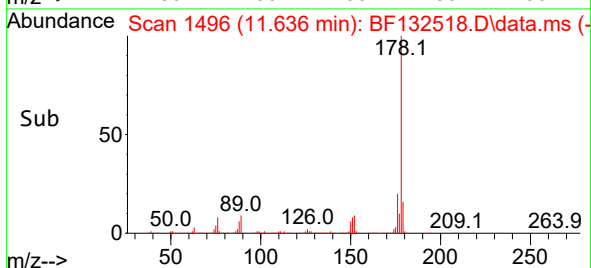
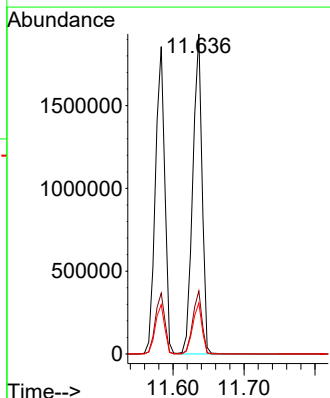
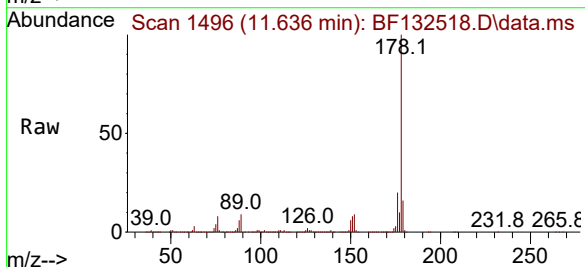
Instrument :
BNA_F
ClientSampleId :
PB151028BS

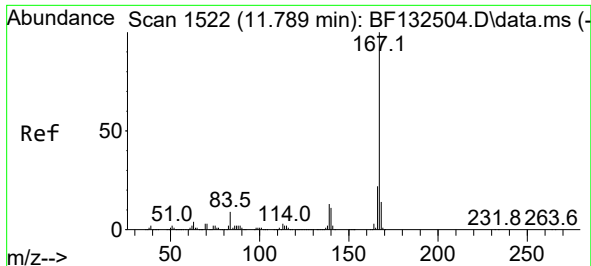
Tgt Ion:178 Resp: 1713859
Ion Ratio Lower Upper
178 100
176 19.8 16.5 24.7
179 16.0 13.0 19.6



#72
Anthracene
Concen: 39.969 ng
RT: 11.636 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

Tgt Ion:178 Resp: 1755606
Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 15.9 12.5 18.7

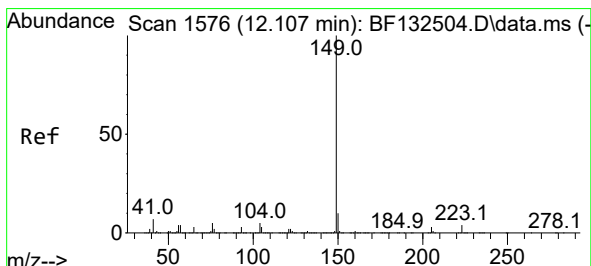
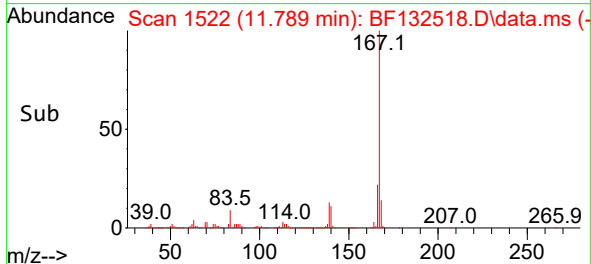
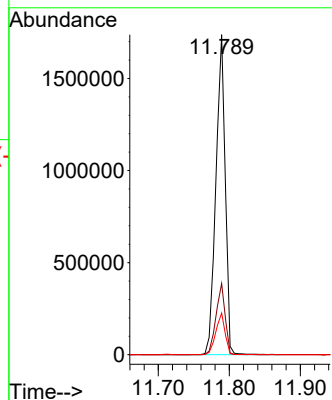
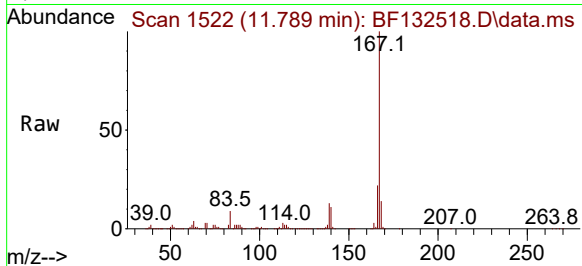




#73
 Carbazole
 Concen: 40.074 ng
 RT: 11.789 min Scan# 1522
 Delta R.T. 0.000 min
 Lab File: BF132518.D
 Acq: 23 Feb 2023 13:49

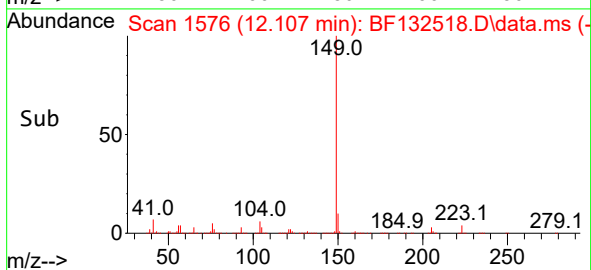
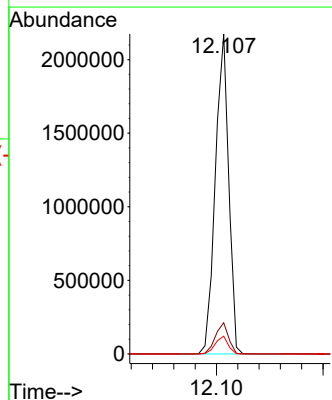
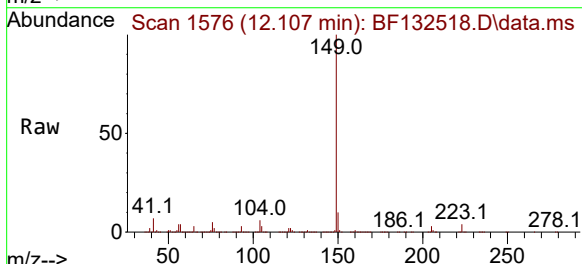
Instrument :
 BNA_F
 ClientSampleId :
 PB151028BS

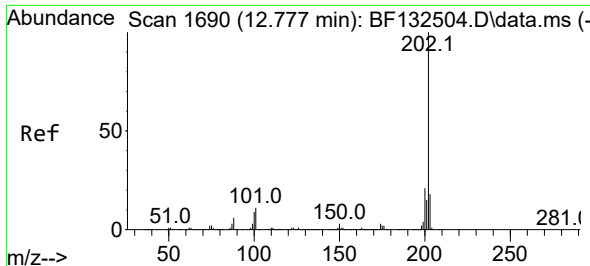
Tgt Ion:167 Resp: 1587041
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.7 26.5
 139 13.0 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 40.570 ng
 RT: 12.107 min Scan# 1576
 Delta R.T. 0.000 min
 Lab File: BF132518.D
 Acq: 23 Feb 2023 13:49

Tgt Ion:149 Resp: 1884664
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.8 11.8
 104 5.6 4.3 6.5

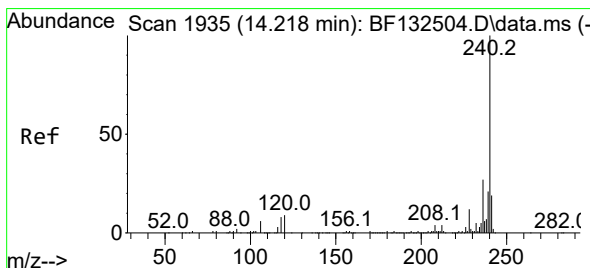
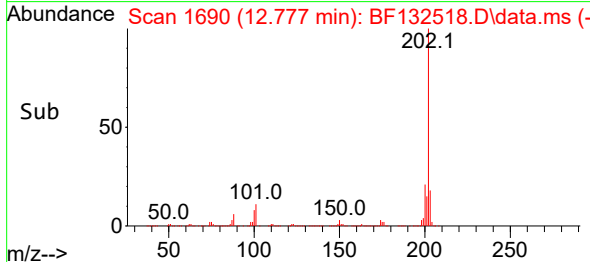
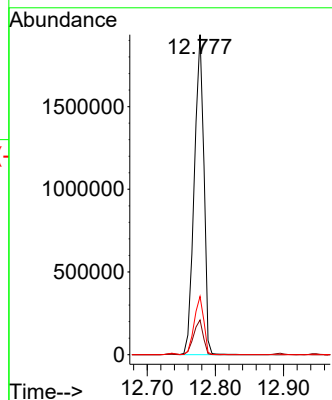
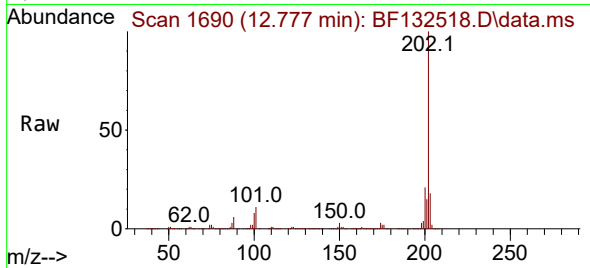




#75
Fluoranthene
Concen: 40.281 ng
RT: 12.777 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

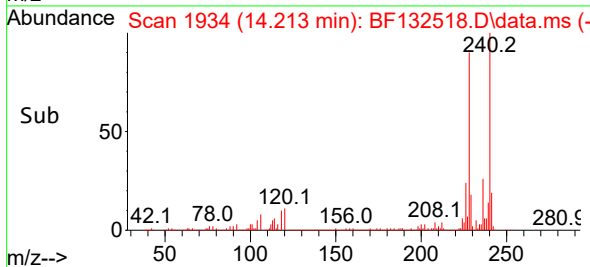
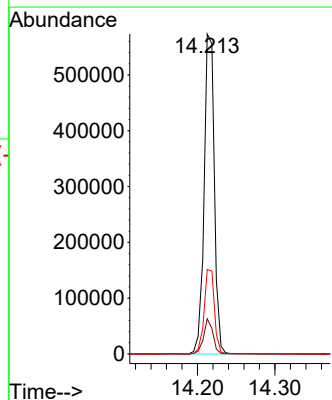
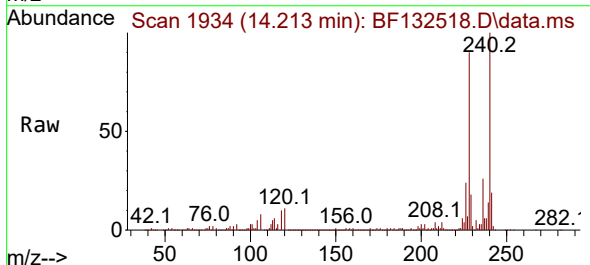
Instrument :
BNA_F
ClientSampleId :
PB151028BS

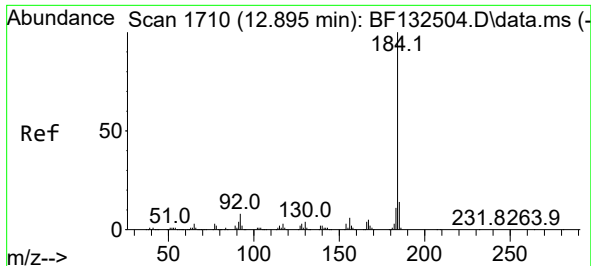
Tgt Ion:202 Resp: 1878301
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.4
203 18.2 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.213 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

Tgt Ion:240 Resp: 525827
Ion Ratio Lower Upper
240 100
120 11.0 7.2 10.8#
236 26.4 21.8 32.6

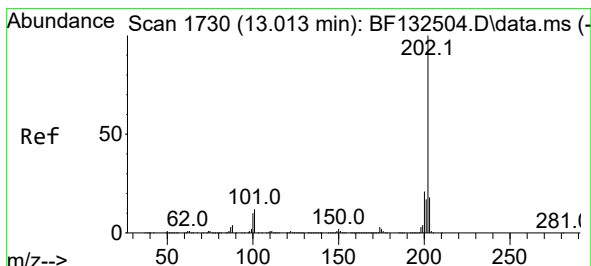
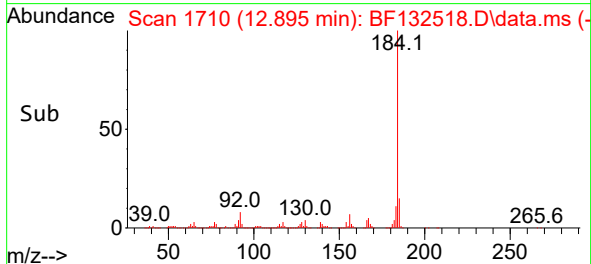
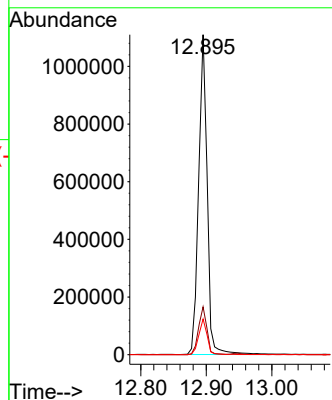
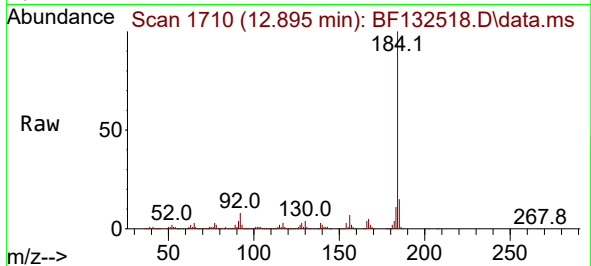




#77
Benzidine
Concen: 78.860 ng
RT: 12.895 min Scan# 1710
Delta R.T. 0.000 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

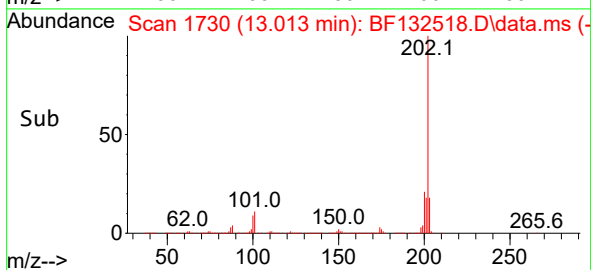
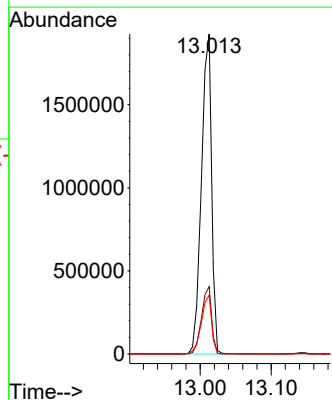
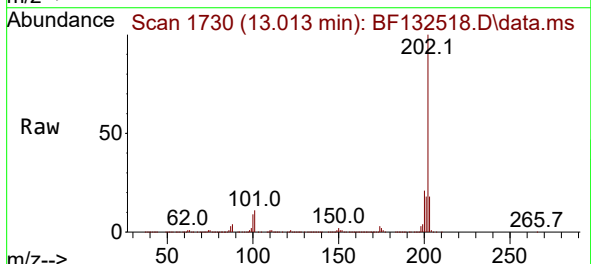
Instrument :
BNA_F
ClientSampleId :
PB151028BS

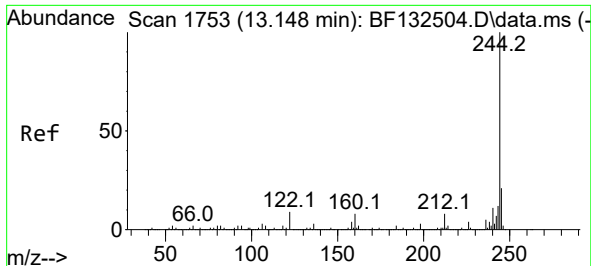
Tgt Ion:184 Resp: 1009416
Ion Ratio Lower Upper
184 100
185 15.0 11.7 17.5
183 11.1 8.7 13.1



#78
Pyrene
Concen: 40.304 ng
RT: 13.013 min Scan# 1730
Delta R.T. 0.000 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

Tgt Ion:202 Resp: 1926801
Ion Ratio Lower Upper
202 100
200 21.0 17.1 25.7
203 18.3 14.6 21.8

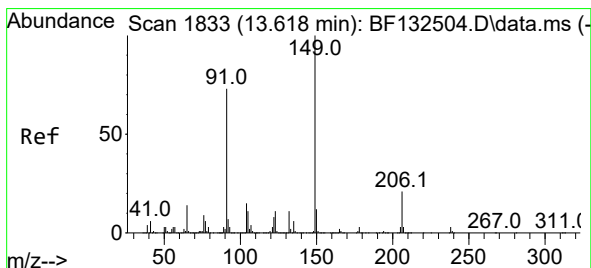
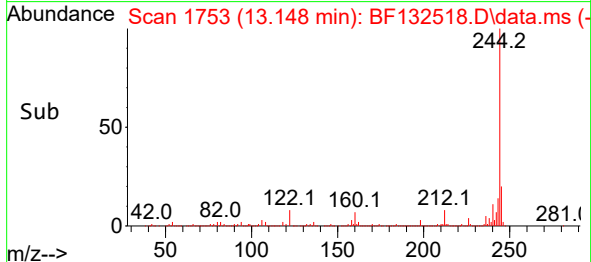
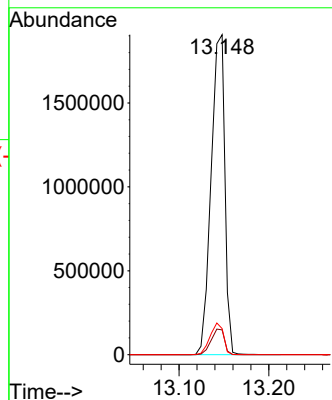
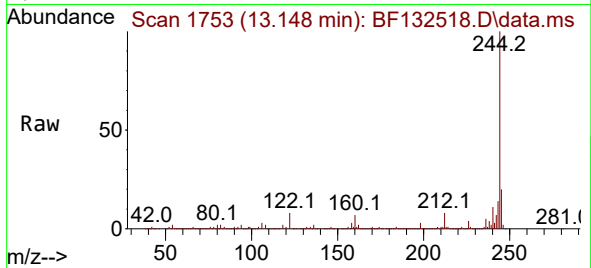




#79
 Terphenyl-d14
 Concen: 65.154 ng
 RT: 13.148 min Scan# 1753
 Delta R.T. 0.000 min
 Lab File: BF132518.D
 Acq: 23 Feb 2023 13:49

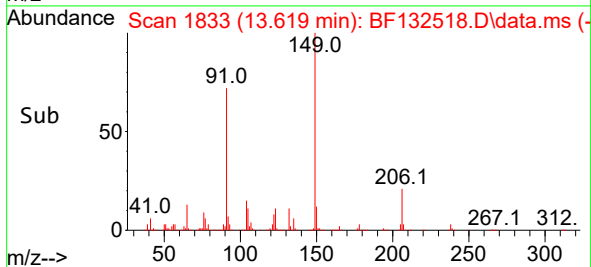
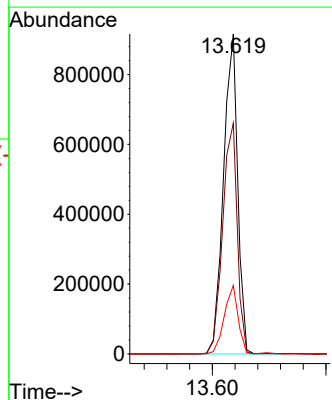
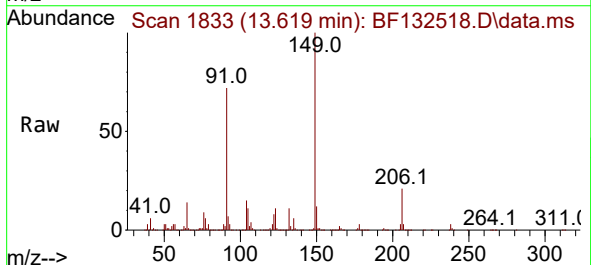
Instrument :
 BNA_F
 ClientSampleId :
 PB151028BS

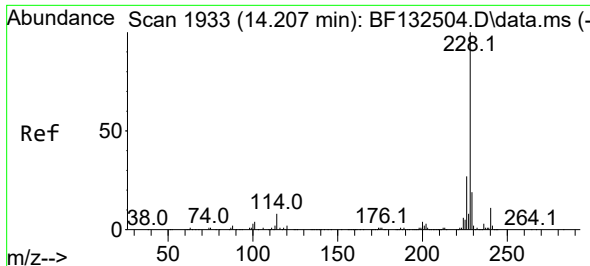
Tgt Ion:244 Resp: 2026318
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 8.2 7.5 11.3



#80
 Butylbenzylphthalate
 Concen: 42.359 ng
 RT: 13.619 min Scan# 1833
 Delta R.T. 0.000 min
 Lab File: BF132518.D
 Acq: 23 Feb 2023 13:49

Tgt Ion:149 Resp: 799124
 Ion Ratio Lower Upper
 149 100
 91 72.1 58.4 87.6
 206 21.5 16.8 25.2

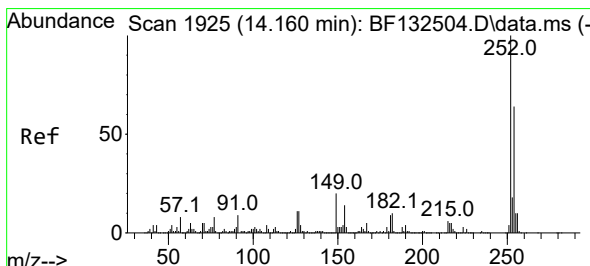
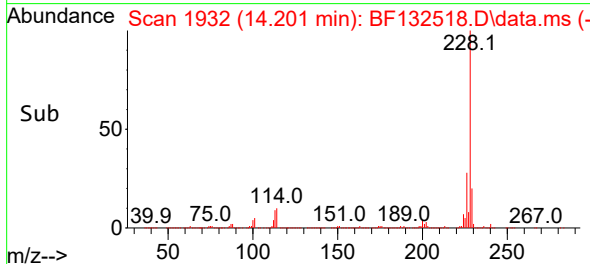
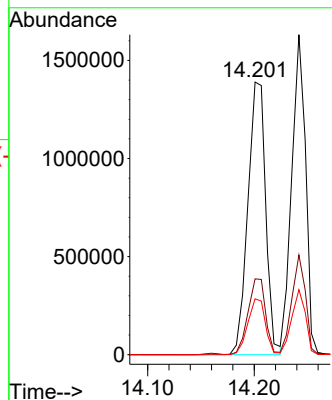
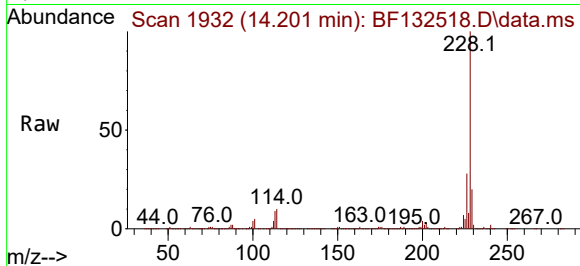




#81
Benzo(a)anthracene
Concen: 41.180 ng
RT: 14.201 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

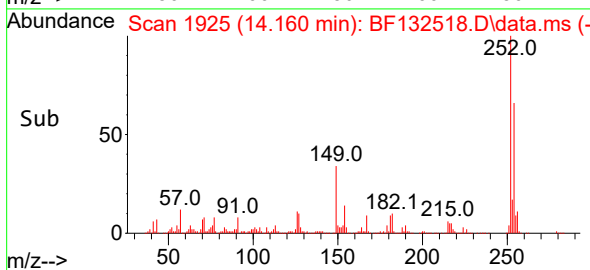
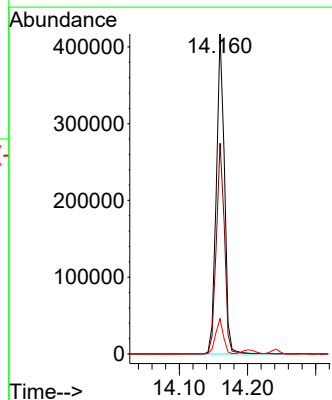
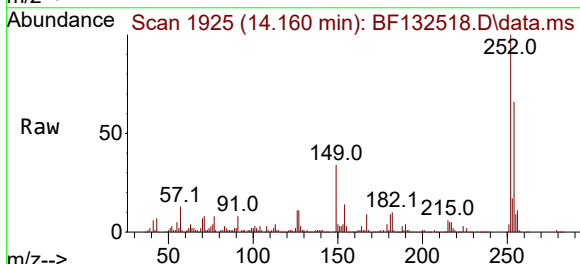
Instrument :
BNA_F
ClientSampleId :
PB151028BS

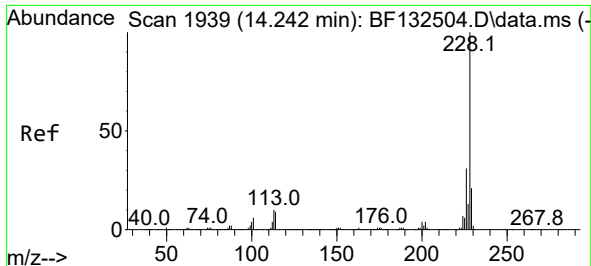
Tgt Ion:228 Resp: 1620171
Ion Ratio Lower Upper
228 100
226 27.8 21.7 32.5
229 20.5 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 29.901 ng
RT: 14.160 min Scan# 1925
Delta R.T. 0.000 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

Tgt Ion:252 Resp: 346828
Ion Ratio Lower Upper
252 100
254 65.9 51.4 77.2
126 11.0 8.9 13.3

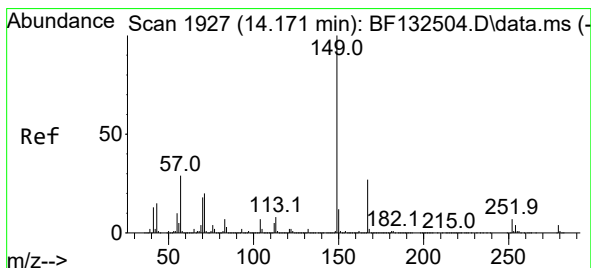
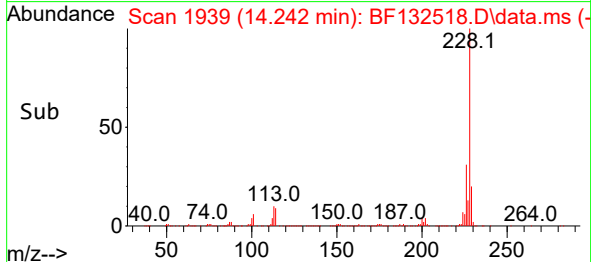
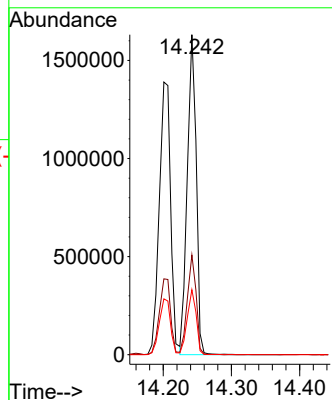
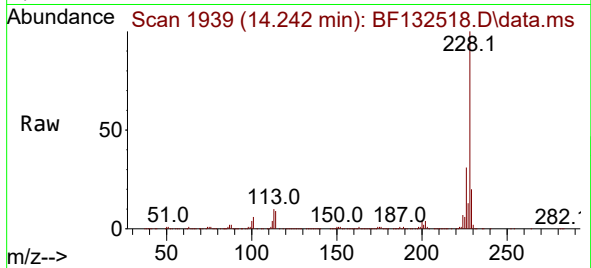




#83
Chrysene
Concen: 40.429 ng
RT: 14.242 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

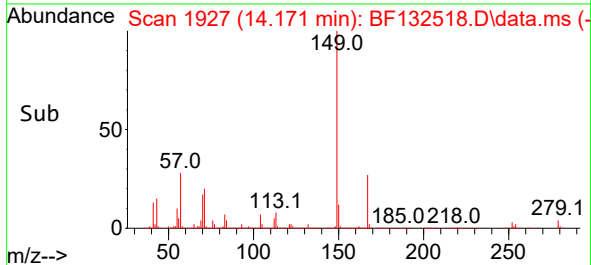
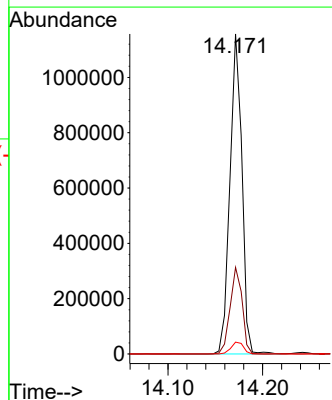
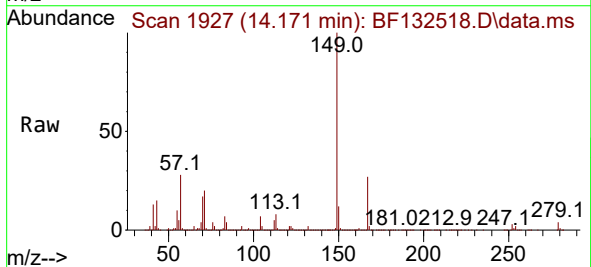
Instrument :
BNA_F
ClientSampleId :
PB151028BS

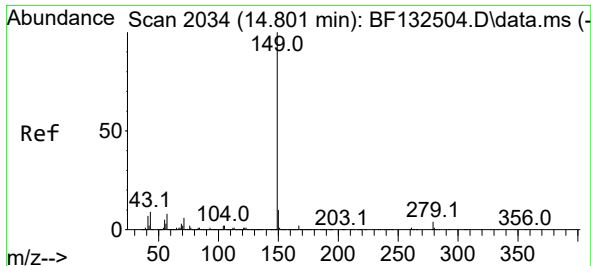
Tgt Ion:228 Resp: 1487436
Ion Ratio Lower Upper
228 100
226 31.1 25.0 37.6
229 20.3 16.4 24.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.963 ng
RT: 14.171 min Scan# 1927
Delta R.T. 0.000 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

Tgt Ion:149 Resp: 1018861
Ion Ratio Lower Upper
149 100
167 27.1 21.8 32.6
279 3.7 3.0 4.6

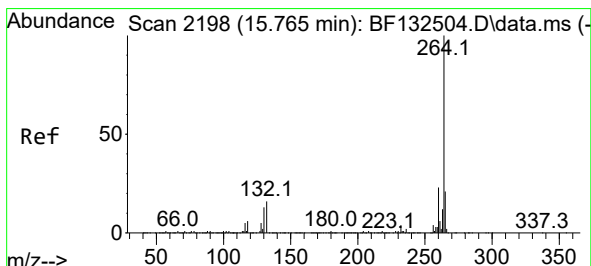
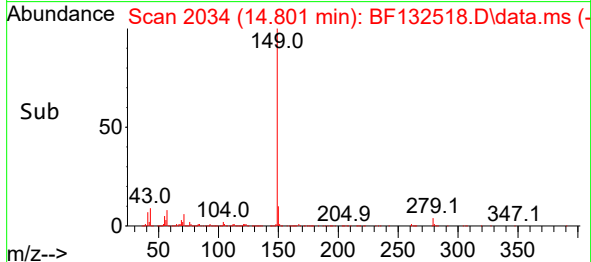
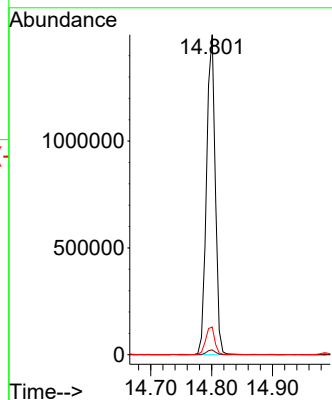
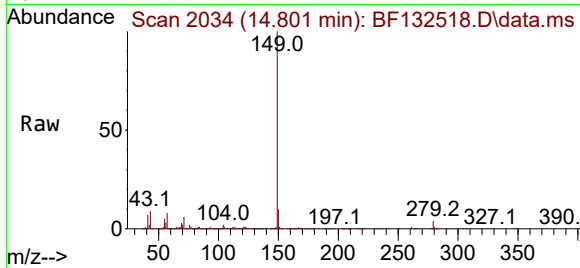




#85
Di-n-octyl phthalate
Concen: 43.922 ng
RT: 14.801 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

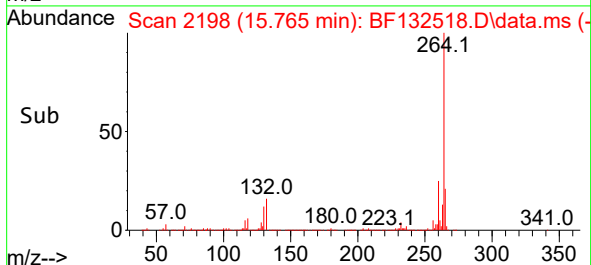
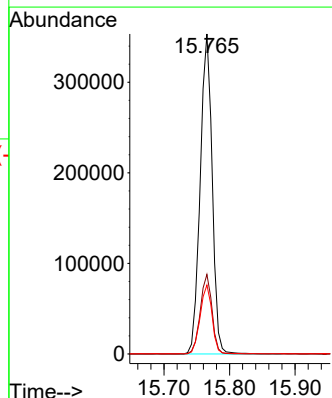
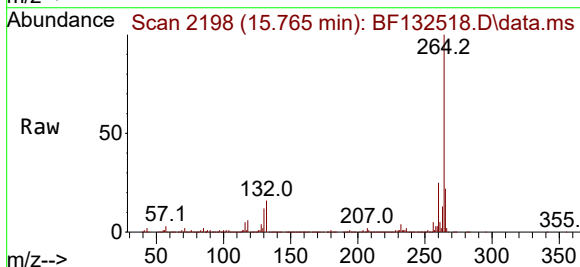
Instrument :
BNA_F
ClientSampleId :
PB151028BS

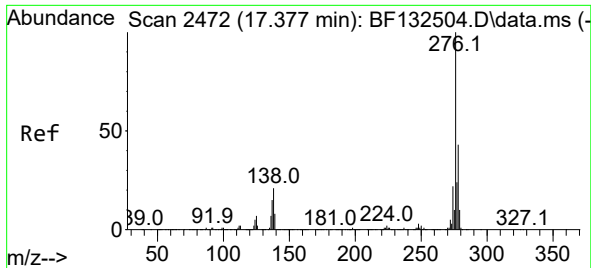
Tgt Ion:149 Resp: 1487474
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 8.9 7.2 10.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.765 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

Tgt Ion:264 Resp: 449942
Ion Ratio Lower Upper
264 100
260 24.8 18.8 28.2
265 21.5 17.1 25.7

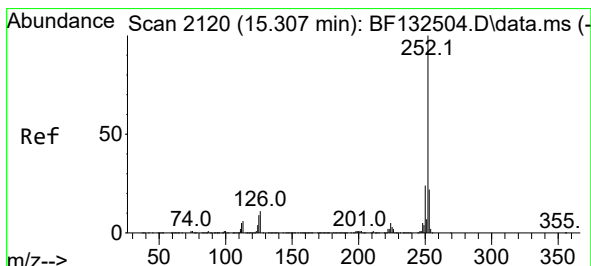
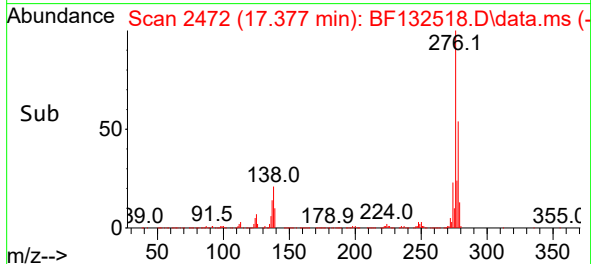
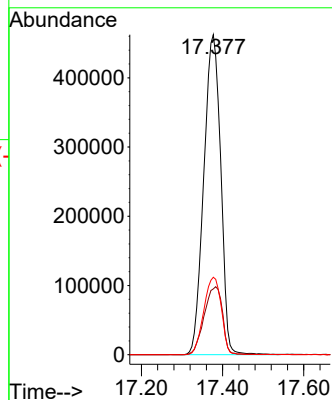
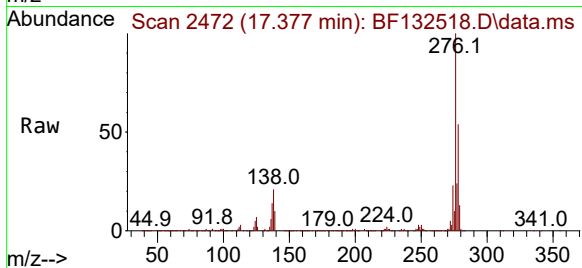




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.330 ng
 RT: 17.377 min Scan# 2472
 Delta R.T. 0.000 min
 Lab File: BF132518.D
 Acq: 23 Feb 2023 13:49

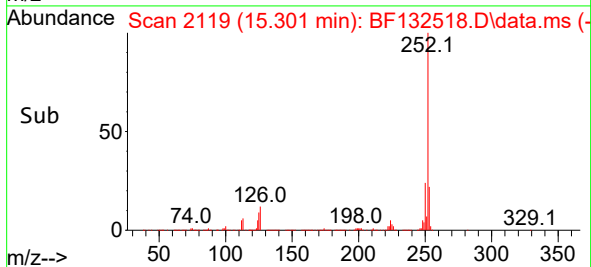
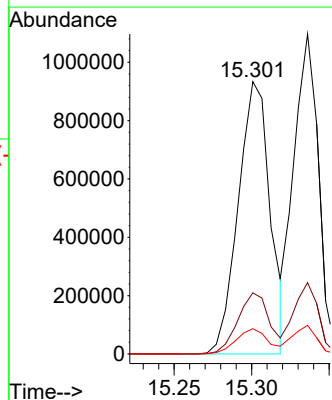
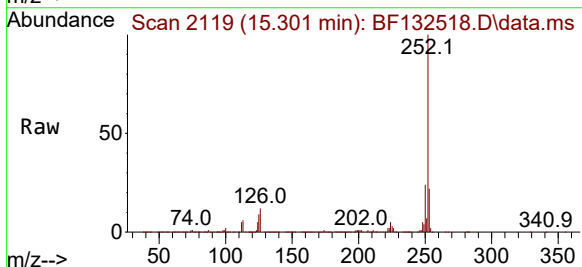
Instrument :
 BNA_F
 ClientSampleId :
 PB151028BS

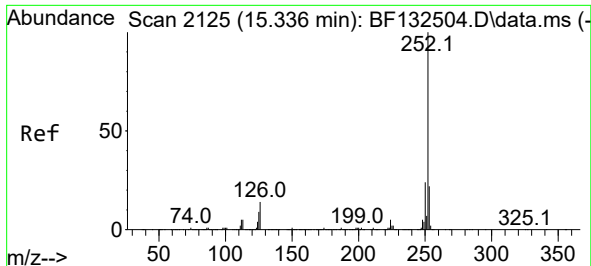
Tgt Ion:276 Resp: 1336422
 Ion Ratio Lower Upper
 276 100
 138 23.1 19.0 28.4
 277 25.1 20.0 30.0



#88
 Benzo(b)fluoranthene
 Concen: 44.348 ng
 RT: 15.301 min Scan# 2119
 Delta R.T. -0.006 min
 Lab File: BF132518.D
 Acq: 23 Feb 2023 13:49

Tgt Ion:252 Resp: 1337229
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.4 26.0
 125 9.3 7.0 10.6

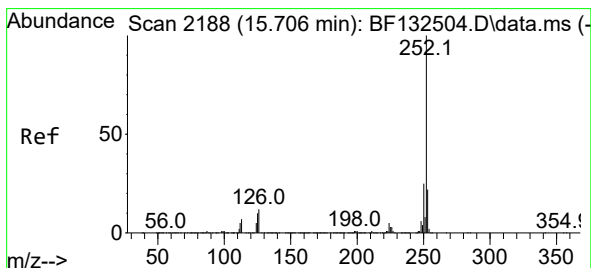
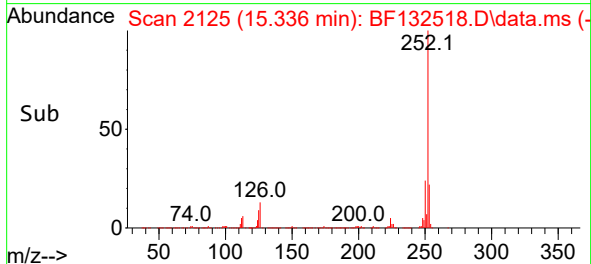
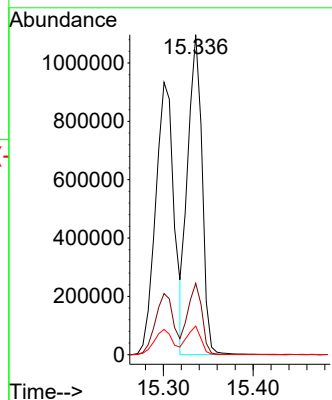
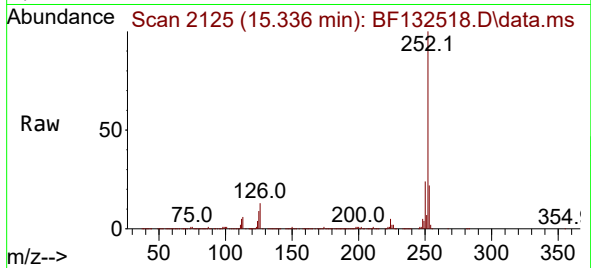




#89
Benzo(k)fluoranthene
Concen: 41.276 ng
RT: 15.336 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

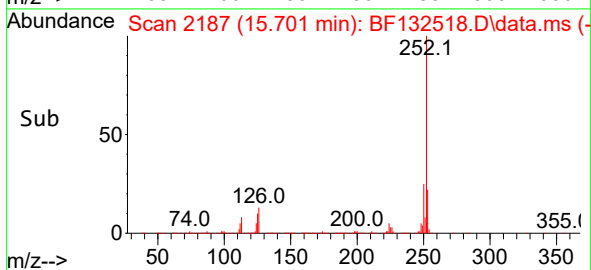
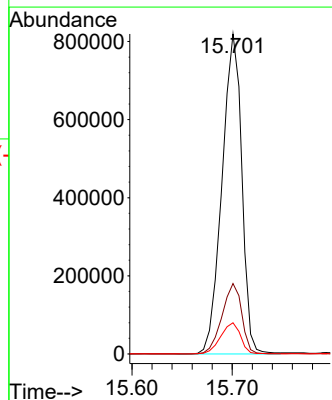
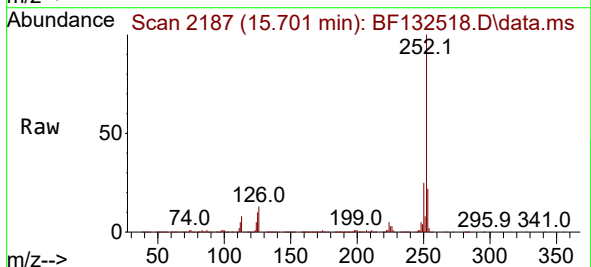
Instrument :
BNA_F
ClientSampleId :
PB151028BS

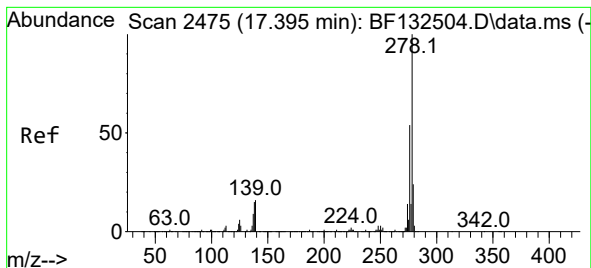
Tgt Ion:252 Resp: 1218072
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 8.9 7.2 10.8



#90
Benzo(a)pyrene
Concen: 39.737 ng
RT: 15.701 min Scan# 2187
Delta R.T. -0.006 min
Lab File: BF132518.D
Acq: 23 Feb 2023 13:49

Tgt Ion:252 Resp: 1121412
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 9.8 8.0 12.0





#91

Dibenzo(a,h)anthracene

Concen: 45.497 ng

RT: 17.395 min Scan# 2475

Delta R.T. 0.000 min

Lab File: BF132518.D

Acq: 23 Feb 2023 13:49

Instrument :

BNA_F

ClientSampleId :

PB151028BS

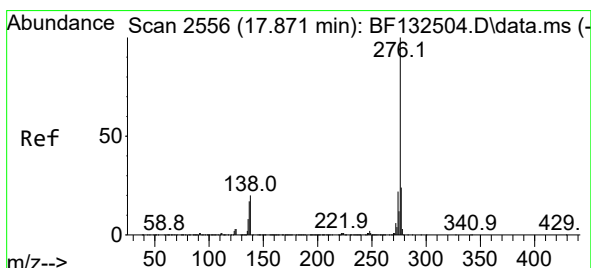
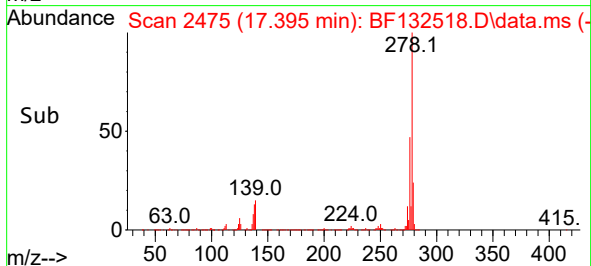
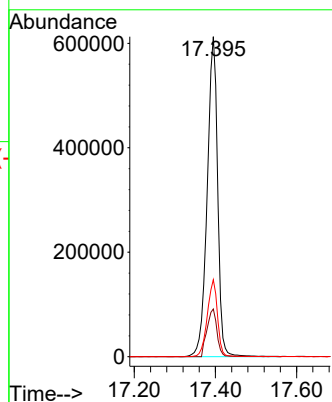
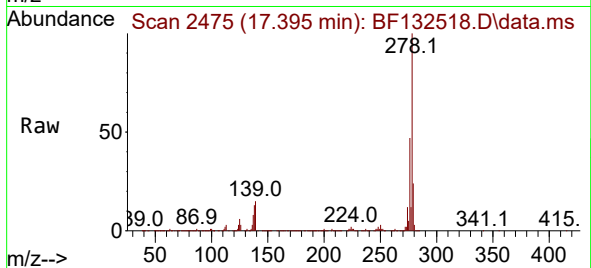
Tgt Ion:278 Resp: 1092901

Ion Ratio Lower Upper

278 100

139 14.9 13.0 19.4

279 24.1 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 41.785 ng

RT: 17.865 min Scan# 2555

Delta R.T. -0.006 min

Lab File: BF132518.D

Acq: 23 Feb 2023 13:49

Tgt Ion:276 Resp: 1128451

Ion Ratio Lower Upper

276 100

277 24.0 18.9 28.3

138 20.8 16.2 24.4

