

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020323\
 Data File : BF132324.D
 Acq On : 03 Feb 2023 16:21
 Operator : CG\JU
 Sample : PB150669BSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150669BSD

Quant Time: Feb 04 01:38:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 04 01:32:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.060	152	206249	20.000	ng	0.00
21) Naphthalene-d8	8.348	136	802984	20.000	ng	0.00
39) Acenaphthene-d10	10.113	164	407907	20.000	ng	0.00
64) Phenanthrene-d10	11.613	188	741604	20.000	ng	0.00
76) Chrysene-d12	14.271	240	392268	20.000	ng	0.00
86) Perylene-d12	15.848	264	349605	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.695	112	1499192	116.839	ng	0.02
7) Phenol-d6	6.684	99	1842609	116.480	ng	0.00
23) Nitrobenzene-d5	7.625	82	1127895	78.164	ng	0.00
42) 2,4,6-Tribromophenol	10.913	330	600201	143.083	ng	0.00
45) 2-Fluorobiphenyl	9.425	172	2003682	75.855	ng	0.00
79) Terphenyl-d14	13.207	244	2156986	106.368	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.090	88	203094	33.639	ng	96
3) Pyridine	3.813	79	532182	32.491	ng	97
4) n-Nitrosodimethylamine	3.778	42	193997	37.015	ng	92
6) Aniline	6.719	93	701340	32.672	ng	96
8) 2-Chlorophenol	6.842	128	618083	46.509	ng	96
9) Benzaldehyde	6.607	77	237145	23.462	ng	99
10) Phenol	6.695	94	664335	40.574	ng	98
11) bis(2-Chloroethyl)ether	6.790	93	580943	43.112	ng	95
12) 1,3-Dichlorobenzene	7.001	146	632631	45.009	ng	98
13) 1,4-Dichlorobenzene	7.078	146	639629	45.589	ng	99
14) 1,2-Dichlorobenzene	7.231	146	618900	47.300	ng	98
15) Benzyl Alcohol	7.195	79	464770	40.265	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.331	45	537981	37.893	ng	94
17) 2-Methylphenol	7.301	107	475290	40.857	ng	99
18) Hexachloroethane	7.578	117	239851	45.570	ng	96
19) n-Nitroso-di-n-propyla...	7.472	70	330591	36.791	ng	97
20) 3+4-Methylphenols	7.454	107	590159	39.748	ng	95
22) Acetophenone	7.472	105	759978	40.245	ng	97
24) Nitrobenzene	7.648	77	561922	38.118	ng	92
25) Isophorone	7.884	82	1070973	39.104	ng	96
26) 2-Nitrophenol	7.960	139	334650	46.605	ng	92
27) 2,4-Dimethylphenol	7.989	122	544972	43.360	ng	97
28) bis(2-Chloroethoxy)met...	8.089	93	679705	40.385	ng	99
29) 2,4-Dichlorophenol	8.201	162	494051	44.275	ng	97
30) 1,2,4-Trichlorobenzene	8.284	180	534655	44.743	ng	99
31) Naphthalene	8.372	128	1620132	40.990	ng	99
32) Benzoic acid	8.107	122	422897	45.456	ng	92
33) 4-Chloroaniline	8.413	127	278224	15.874	ng	96
34) Hexachlorobutadiene	8.484	225	310107	46.163	ng	99
35) Caprolactam	8.795	113	114839	30.188	ng	86
36) 4-Chloro-3-methylphenol	8.889	107	518540	43.134	ng	95
37) 2-Methylnaphthalene	9.060	142	1083987	40.488	ng	99
38) 1-Methylnaphthalene	9.166	142	1011172	40.641	ng	100
40) 1,2,4,5-Tetrachloroben...	9.231	216	494185	43.051	ng	100
41) Hexachlorocyclopentadiene	9.213	237	599643	89.537	ng	98
43) 2,4,6-Trichlorophenol	9.336	196	363846	44.342	ng	99

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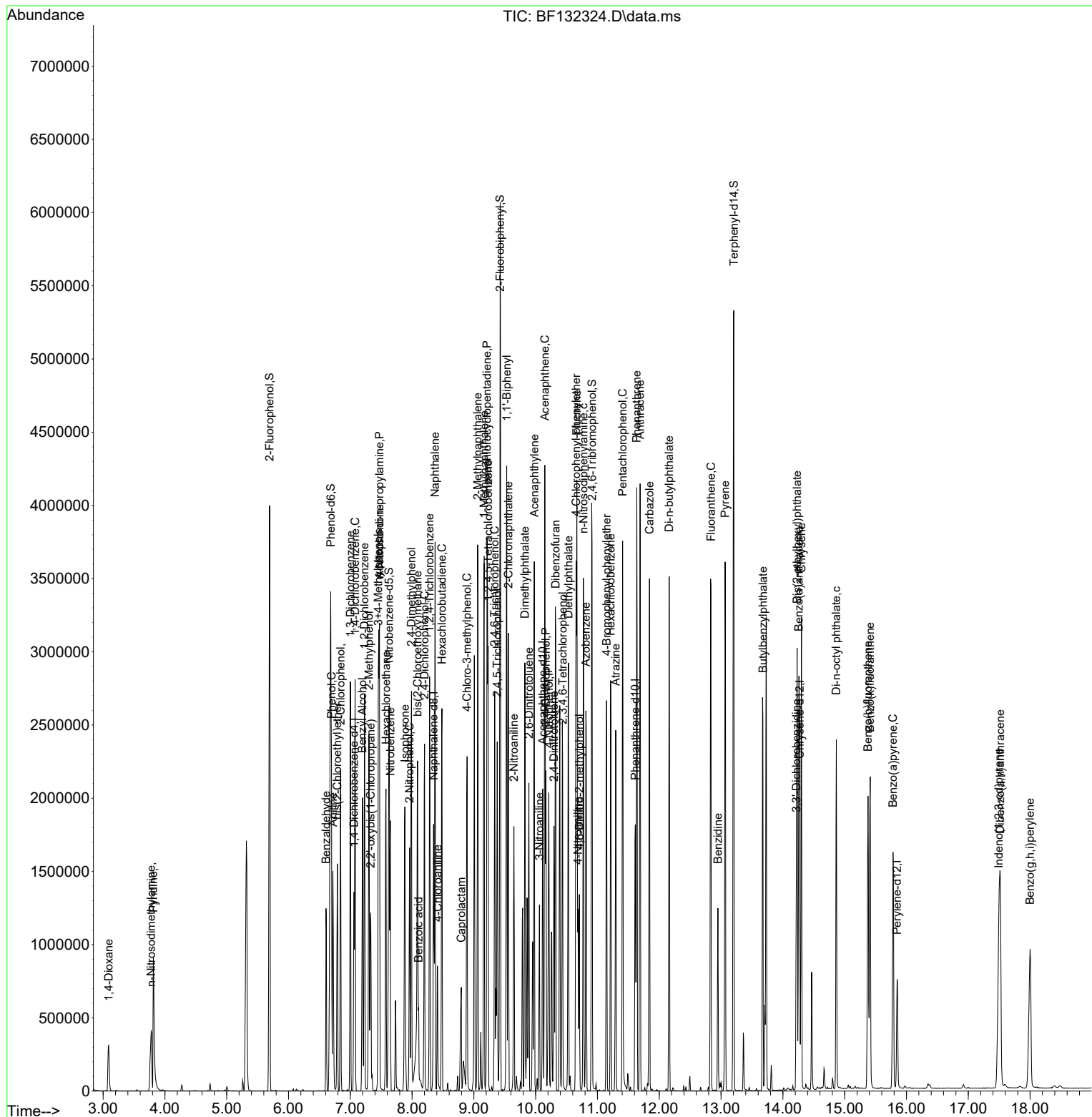
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.378	196	392771	41.587	ng	99
46) 1,1'-Biphenyl	9.531	154	1300648	41.360	ng	97
47) 2-Chloronaphthalene	9.560	162	1004168	41.925	ng	98
48) 2-Nitroaniline	9.648	65	263481	36.988	ng	86
49) Acenaphthylene	9.978	152	1582680	40.487	ng	99
50) Dimethylphthalate	9.825	163	1187207	41.608	ng	98
51) 2,6-Dinitrotoluene	9.889	165	280693	44.047	ng	88
52) Acenaphthene	10.148	154	1115536	45.582	ng	99
53) 3-Nitroaniline	10.060	138	211001	27.303	ng	98
54) 2,4-Dinitrophenol	10.166	184	321638	86.689	ng	97
55) Dibenzofuran	10.325	168	1380720	40.154	ng	97
56) 4-Nitrophenol	10.213	139	468268	80.522	ng	92
57) 2,4-Dinitrotoluene	10.295	165	373065	45.067	ng	94
58) Fluorene	10.666	166	1071977	40.508	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.436	232	315587	45.836	ng	98
60) Diethylphthalate	10.530	149	1212599	42.719	ng	98
61) 4-Chlorophenyl-phenylether	10.654	204	522637	41.614	ng	99
62) 4-Nitroaniline	10.683	138	283855	38.303	ng	98
63) Azobenzene	10.813	77	1019557	36.875	ng	97
65) 4,6-Dinitro-2-methylph...	10.707	198	202991	48.227	ng	95
66) n-Nitrosodiphenylamine	10.772	169	964531	41.535	ng	100
67) 4-Bromophenyl-phenylether	11.148	248	338230	44.539	ng	99
68) Hexachlorobenzene	11.213	284	389495	47.987	ng	99
69) Atrazine	11.295	200	328653	49.203	ng	97
70) Pentachlorophenol	11.407	266	433821	77.789	ng	99
71) Phenanthrene	11.636	178	1580712	40.789	ng	100
72) Anthracene	11.689	178	1585492	40.202	ng	99
73) Carbazole	11.842	167	1394358	39.430	ng	100
74) Di-n-butylphthalate	12.160	149	1804542	43.164	ng	99
75) Fluoranthene	12.836	202	1539283	38.923	ng	98
77) Benzidine	12.948	184	454093	33.111	ng	99
78) Pyrene	13.066	202	1543114	48.909	ng	98
80) Butylbenzylphthalate	13.677	149	691964	49.641	ng	94
81) Benzo(a)anthracene	14.260	228	1159317	42.256	ng	98
82) 3,3'-Dichlorobenzidine	14.218	252	236402	27.053	ng	99
83) Chrysene	14.301	228	1067988	41.572	ng	100
84) Bis(2-ethylhexyl)phtha...	14.230	149	897437	47.631	ng	99
85) Di-n-octyl phthalate	14.865	149	1294266	42.115	ng	97
87) Indeno(1,2,3-cd)pyrene	17.495	276	1093001	47.051	ng	98
88) Benzo(b)fluoranthene	15.377	252	1041760	46.879	ng	98
89) Benzo(k)fluoranthene	15.412	252	942677	44.441	ng	99
90) Benzo(a)pyrene	15.783	252	870657	42.074	ng	99
91) Dibenzo(a,h)anthracene	17.518	278	901630	48.276	ng	99
92) Benzo(g,h,i)perylene	18.001	276	885670	45.902	ng	98

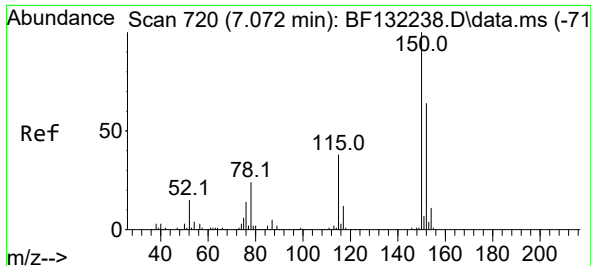
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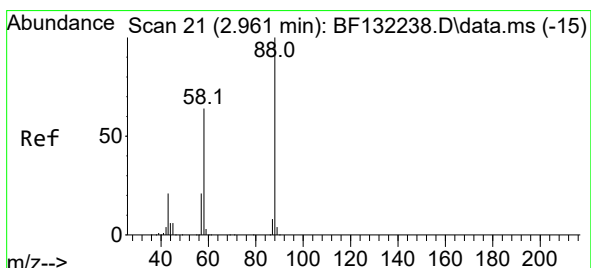
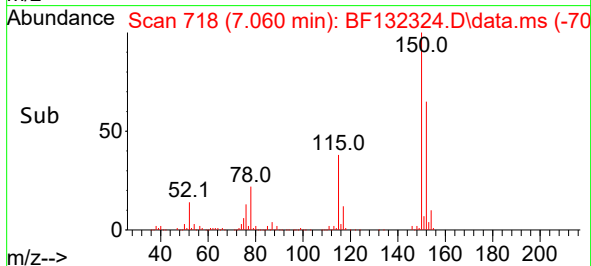
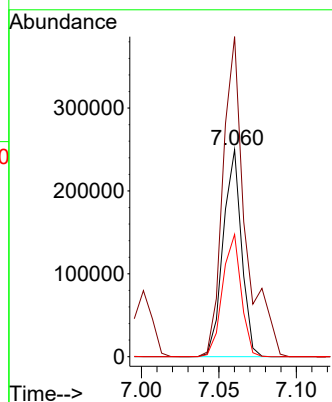
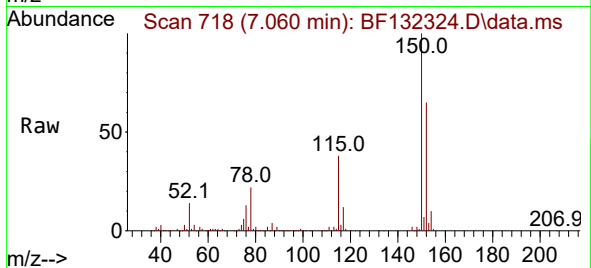




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.060 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF132324.D
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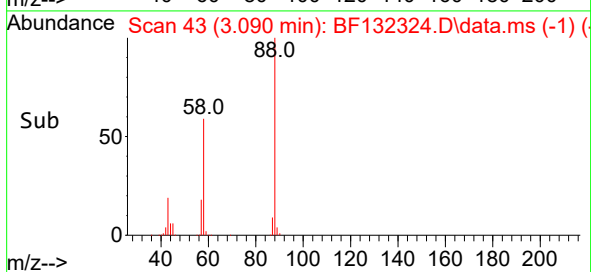
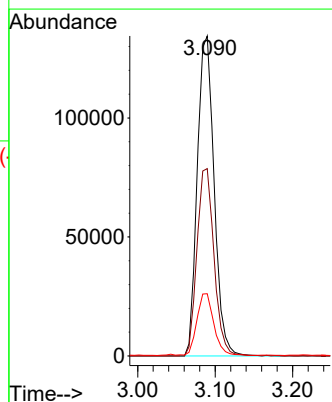
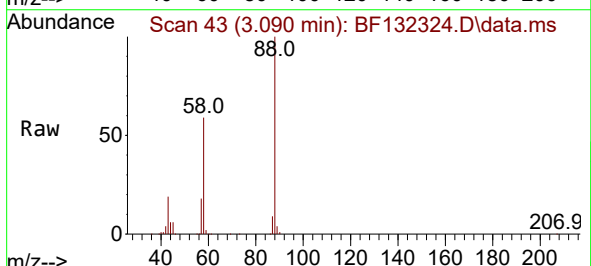
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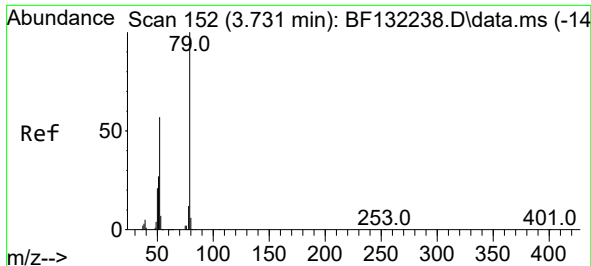
Tgt Ion:152 Resp: 206249
 Ion Ratio Lower Upper
 152 100
 150 154.5 124.2 186.2
 115 59.0 47.3 70.9



#2
 1,4-Dioxane
 Concen: 33.639 ng
 RT: 3.090 min Scan# 43
 Delta R.T. 0.100 min
 Lab File: BF132324.D
 Acq: 03 Feb 2023 16:21

Tgt Ion: 88 Resp: 203094
 Ion Ratio Lower Upper
 88 100
 58 59.3 50.2 75.2
 43 19.4 16.9 25.3

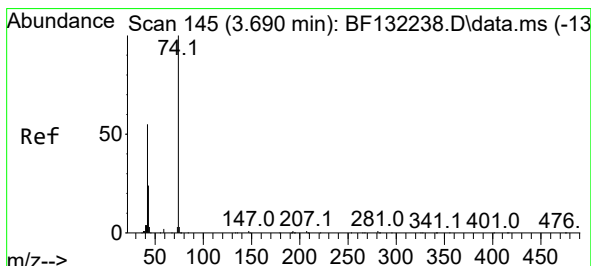
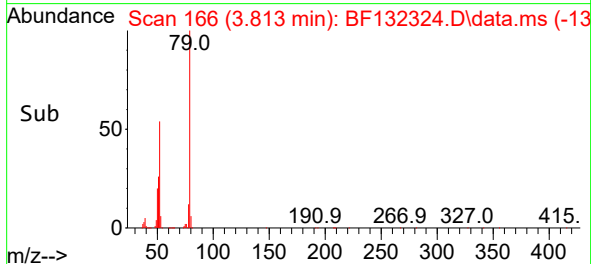
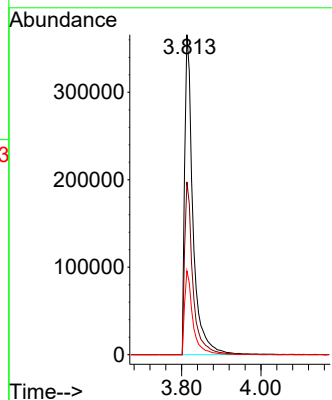
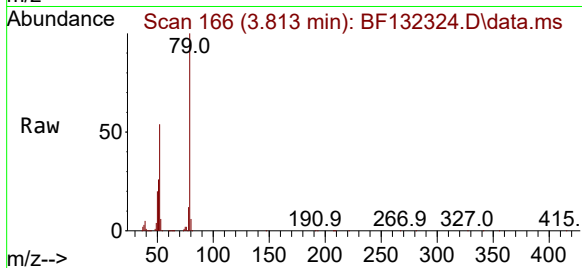




#3
 Pyridine
 Concen: 32.491 ng
 RT: 3.813 min Scan# 1
 Delta R.T. 0.065 min
 Lab File: BF132324.D
 Acq: 03 Feb 2023 16:21

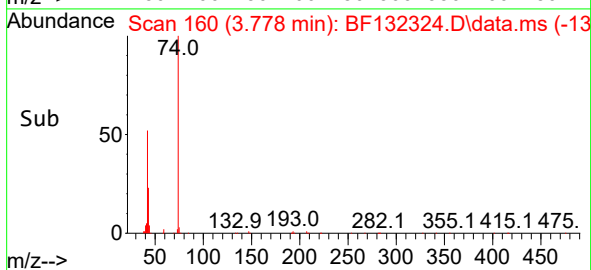
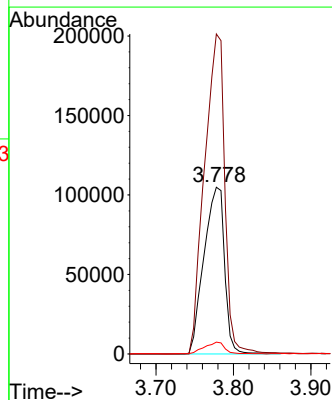
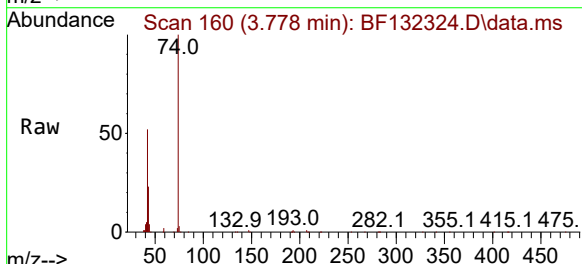
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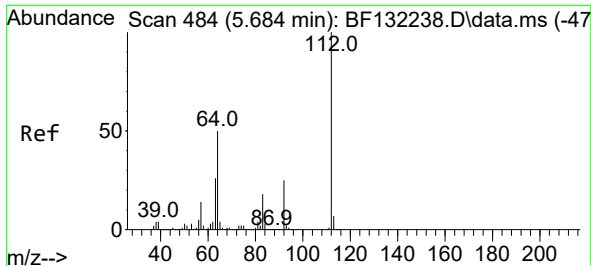
Tgt Ion: 79 Resp: 532182
 Ion Ratio Lower Upper
 79 100
 52 54.0 45.6 68.4
 51 26.2 21.5 32.3



#4
 n-Nitrosodimethylamine
 Concen: 37.015 ng
 RT: 3.778 min Scan# 160
 Delta R.T. 0.059 min
 Lab File: BF132324.D
 Acq: 03 Feb 2023 16:21

Tgt Ion: 42 Resp: 193997
 Ion Ratio Lower Upper
 42 100
 74 191.9 144.6 217.0
 44 7.1 5.1 7.7

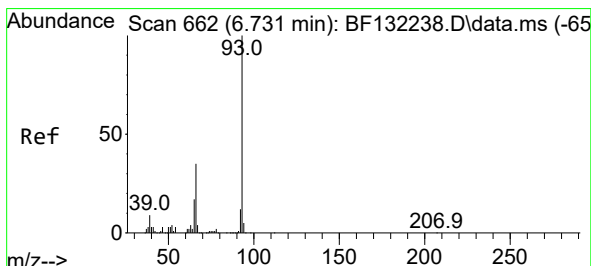
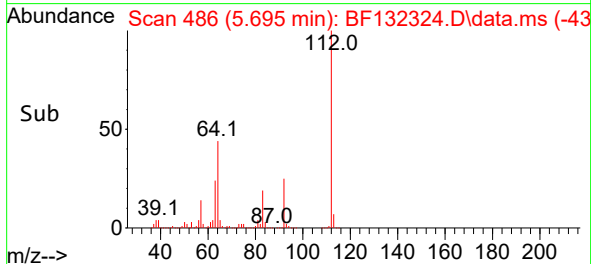
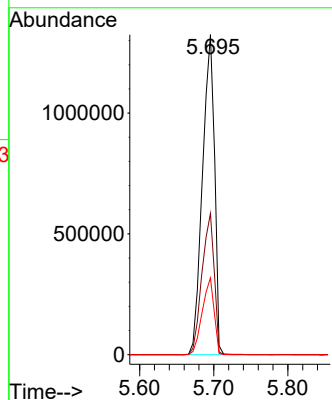
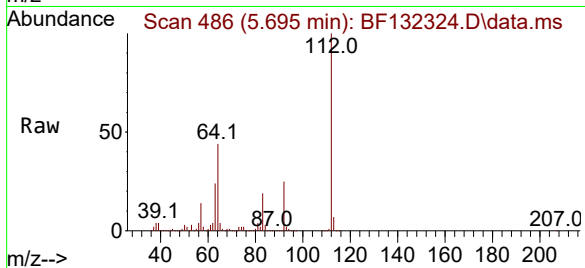




#5
2-Fluorophenol
Concen: 116.839 ng
RT: 5.695 min Scan# 41
Delta R.T. 0.018 min
Lab File: BF132324.D
Acq: 03 Feb 2023 16:21

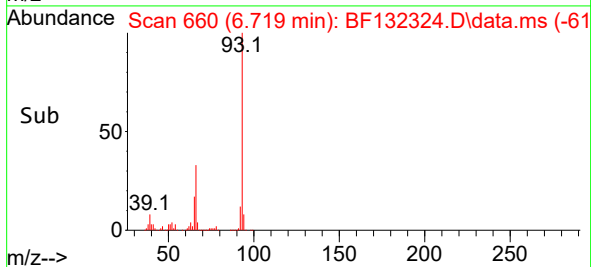
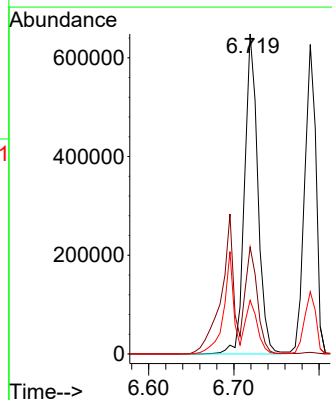
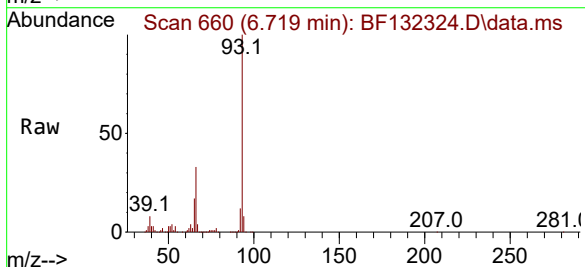
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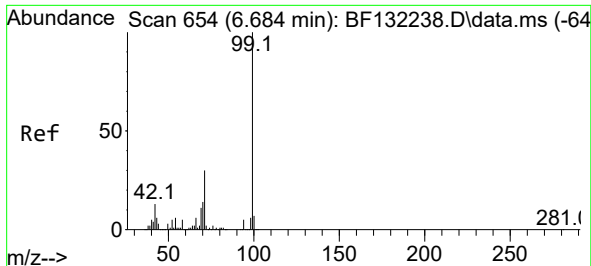
Tgt Ion:112 Resp: 1499192
Ion Ratio Lower Upper
112 100
64 44.1 40.0 60.0
63 24.0 20.5 30.7



#6
Aniline
Concen: 32.672 ng
RT: 6.719 min Scan# 660
Delta R.T. -0.006 min
Lab File: BF132324.D
Acq: 03 Feb 2023 16:21

Tgt Ion: 93 Resp: 701340
Ion Ratio Lower Upper
93 100
66 33.4 28.8 43.2
65 16.7 14.2 21.4



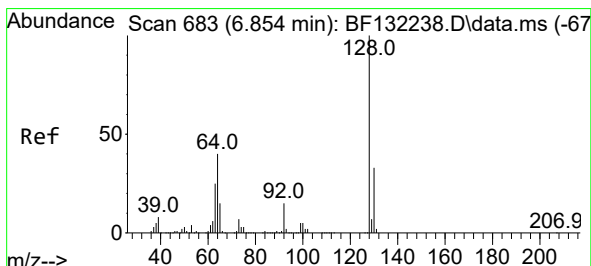
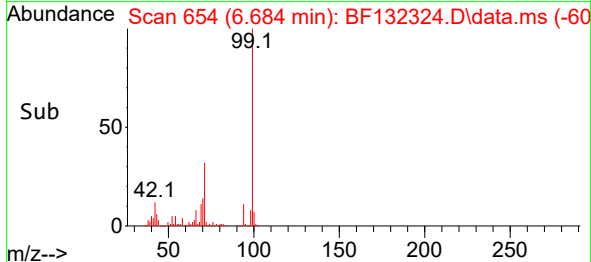
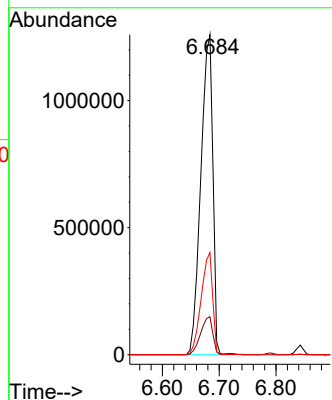
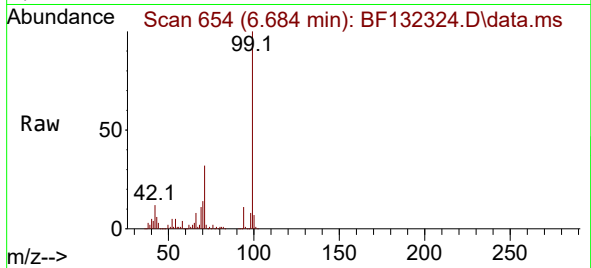


#7
Phenol-d6
Concen: 116.480 ng
RT: 6.684 min Scan# 61
Delta R.T. 0.006 min
Lab File: BF132324.D
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Tgt Ion: 99 Resp: 1842609

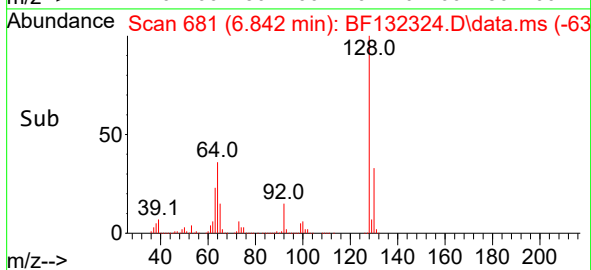
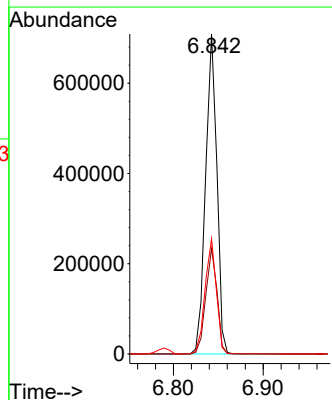
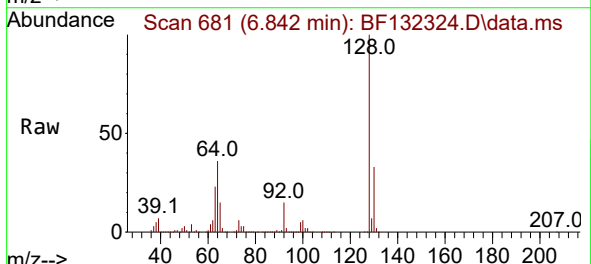
Ion	Ratio	Lower	Upper
99	100		
42	11.8	10.1	15.1
71	31.9	24.2	36.4

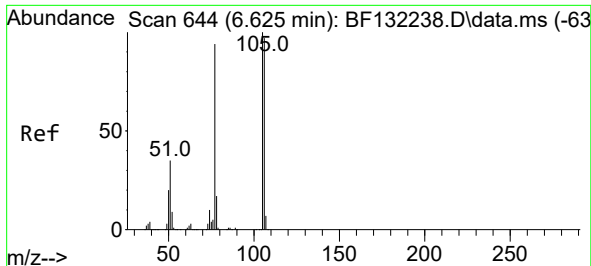


#8
2-Chlorophenol
Concen: 46.509 ng
RT: 6.842 min Scan# 681
Delta R.T. -0.006 min
Lab File: BF132324.D
Acq: 03 Feb 2023 16:21

Tgt Ion:128 Resp: 618083

Ion	Ratio	Lower	Upper
128	100		
130	33.0	13.3	53.3
64	36.0	20.1	60.1

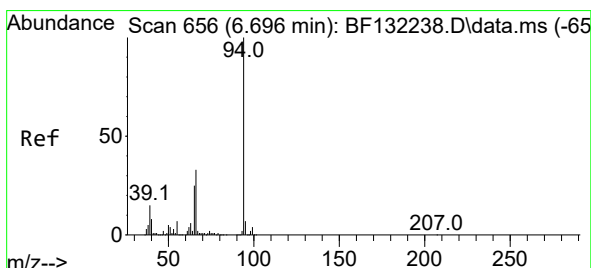
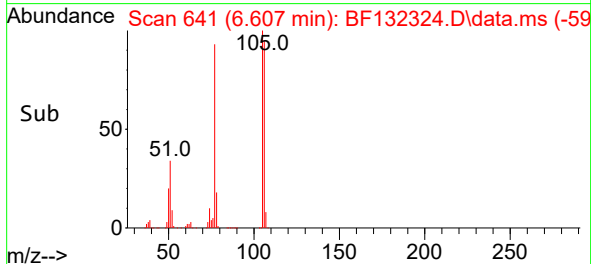
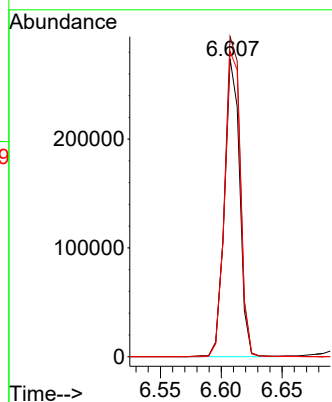
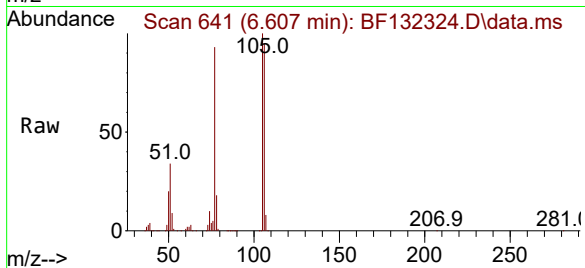




#9
Benzaldehyde
Concen: 23.462 ng
RT: 6.607 min Scan# 644
Delta R.T. -0.006 min
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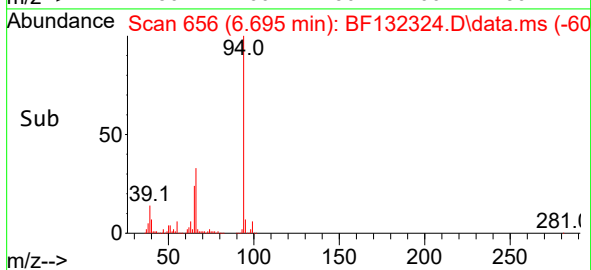
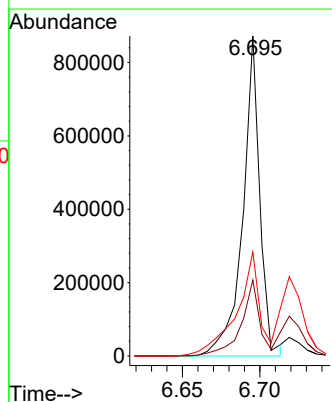
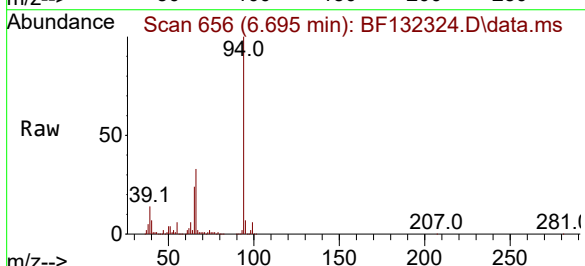
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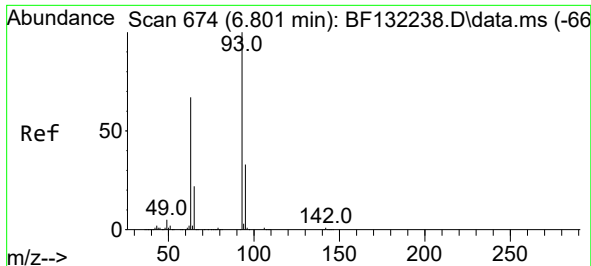
Tgt Ion: 77 Resp: 237145
Ion Ratio Lower Upper
77 100
105 107.5 86.8 126.8
106 102.5 83.8 123.8



#10
Phenol
Concen: 40.574 ng
RT: 6.695 min Scan# 656
Delta R.T. 0.000 min
Lab File: BF132324.D
Acq: 03 Feb 2023 16:21

Tgt Ion: 94 Resp: 664335
Ion Ratio Lower Upper
94 100
65 23.8 5.1 45.1
66 32.5 13.0 53.0





#11

bis(2-Chloroethyl)ether

Concen: 43.112 ng

RT: 6.790 min Scan# 61

Delta R.T. -0.006 min

Lab File: BF132324.D

Acq: 03 Feb 2023 16:21

Instrument :

BNA_F

ClientSampleId :

PB150669BSD

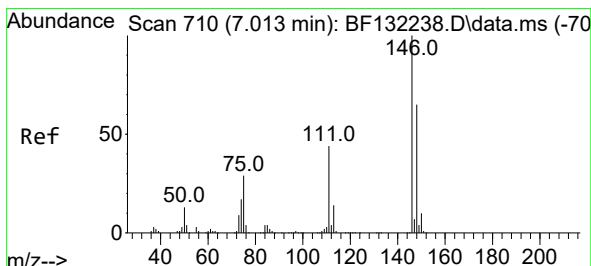
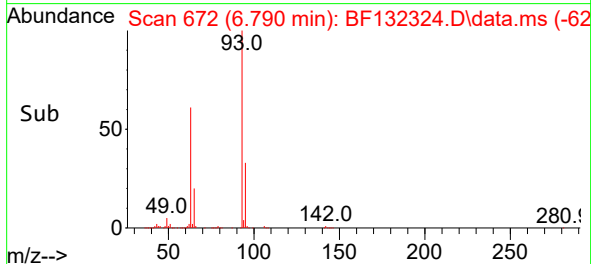
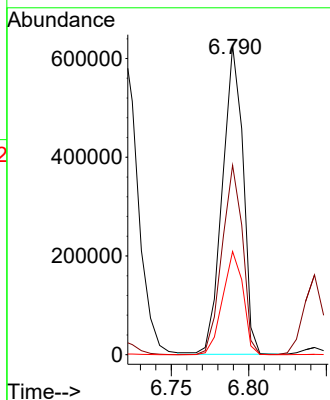
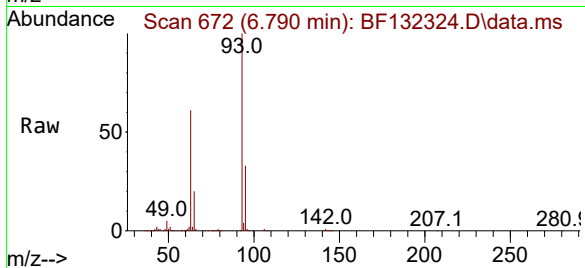
Tgt Ion: 93 Resp: 580943

Ion Ratio Lower Upper

93 100

63 61.2 46.7 86.7

95 33.4 13.4 53.4



#12

1,3-Dichlorobenzene

Concen: 45.009 ng

RT: 7.001 min Scan# 708

Delta R.T. 0.000 min

Lab File: BF132324.D

Acq: 03 Feb 2023 16:21

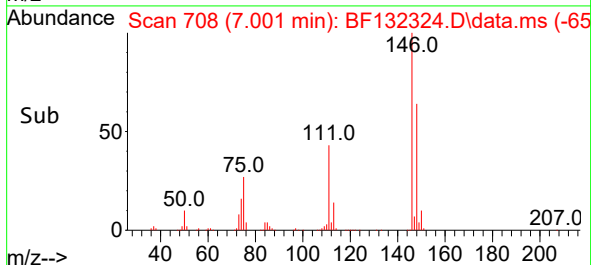
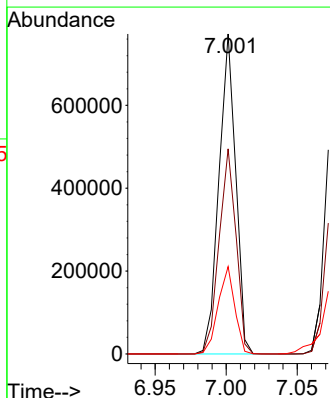
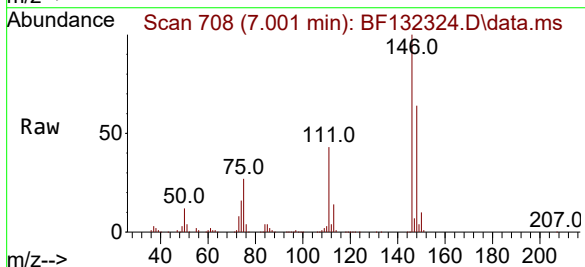
Tgt Ion:146 Resp: 632631

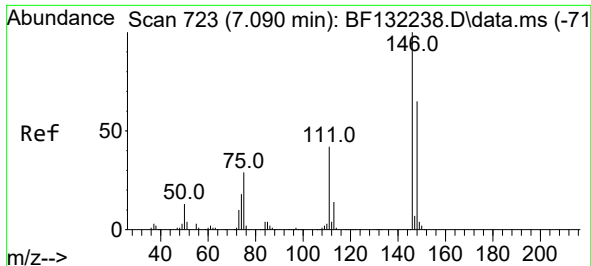
Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.8

75 27.3 23.5 35.3

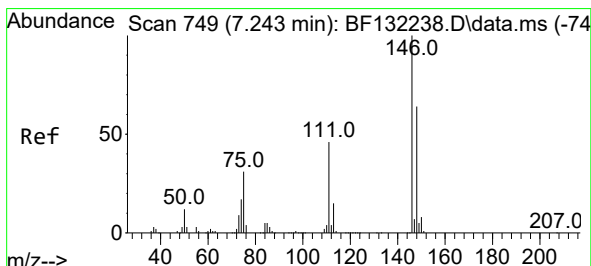
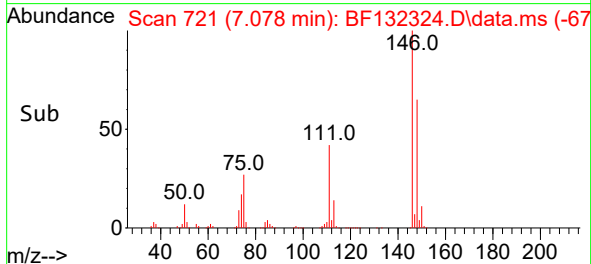
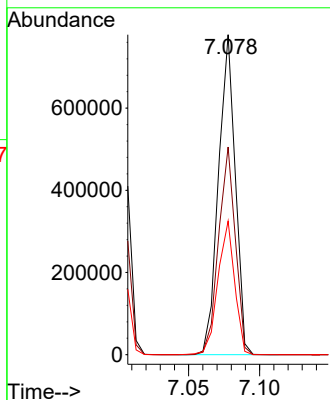
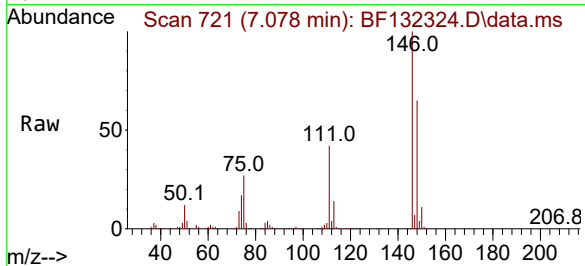




#13
1,4-Dichlorobenzene
Concen: 45.589 ng
RT: 7.078 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132324.D
Acq: 03 Feb 2023 16:21

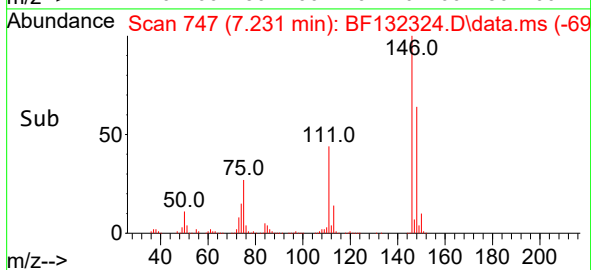
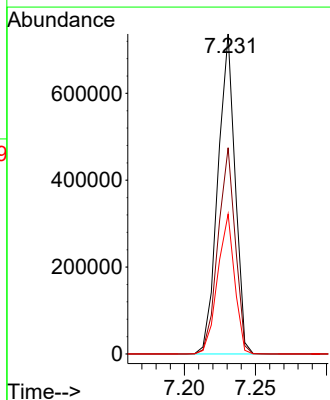
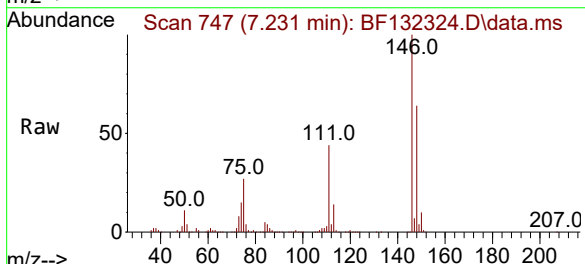
Instrument :
BNA_F
ClientSampleId :
PB150669BSD

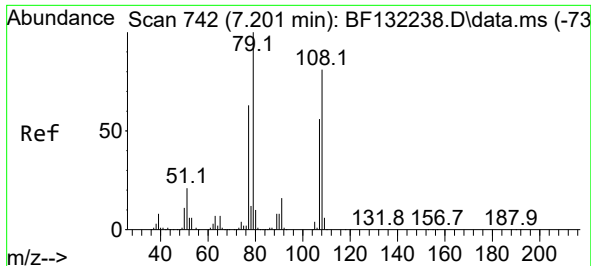
Tgt Ion:146 Resp: 639629
Ion Ratio Lower Upper
146 100
148 64.9 52.4 78.6
111 41.7 34.0 51.0



#14
1,2-Dichlorobenzene
Concen: 47.300 ng
RT: 7.231 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF132324.D
Acq: 03 Feb 2023 16:21

Tgt Ion:146 Resp: 618900
Ion Ratio Lower Upper
146 100
148 64.4 51.4 77.0
111 43.7 37.1 55.7

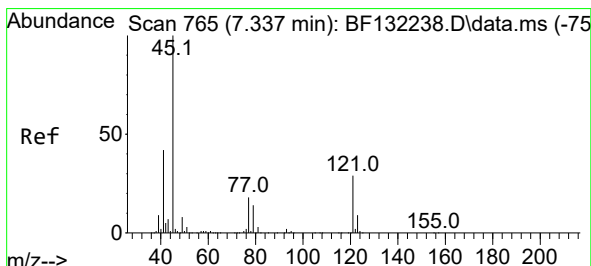
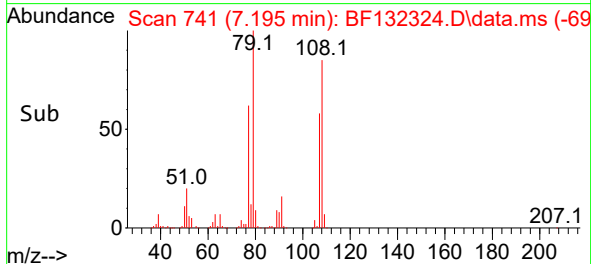
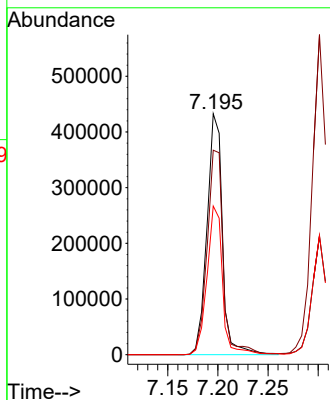
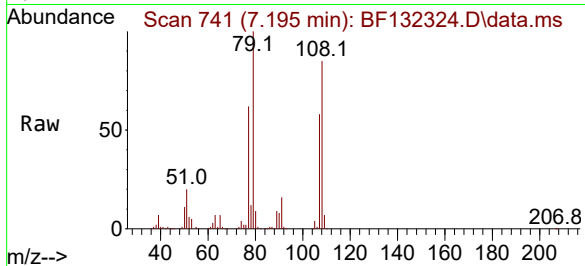




#15
Benzyl Alcohol
Concen: 40.265 ng
RT: 7.195 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF132324.D
Acq: 03 Feb 2023 16:21

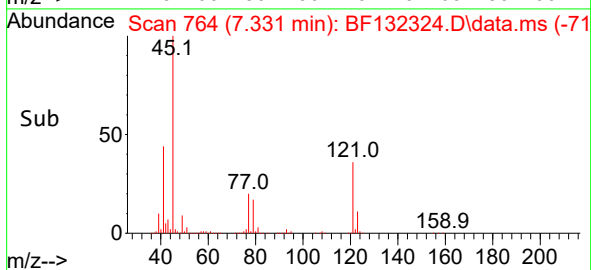
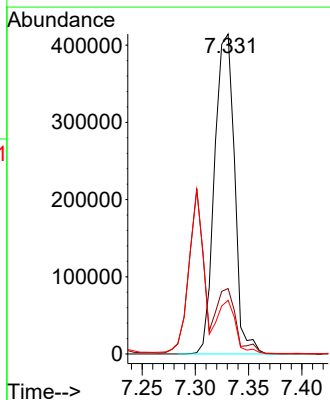
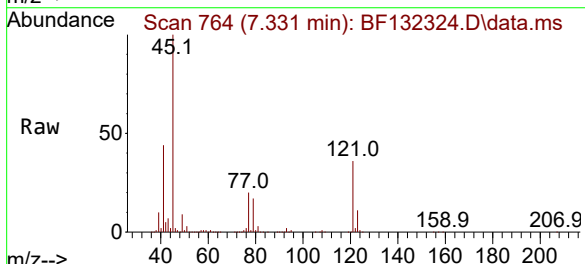
Instrument :
BNA_F
ClientSampleId :
PB150669BSD

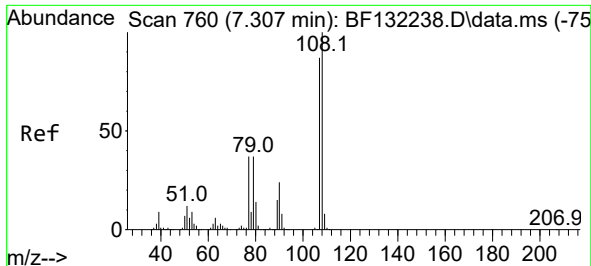
Tgt Ion: 79 Resp: 464770
Ion Ratio Lower Upper
79 100
108 84.9 64.6 97.0
77 61.7 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.893 ng
RT: 7.331 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF132324.D
Acq: 03 Feb 2023 16:21

Tgt Ion: 45 Resp: 537981
Ion Ratio Lower Upper
45 100
77 20.4 0.0 38.0
79 16.8 0.0 33.8





#17

2-Methylphenol

Concen: 40.857 ng

RT: 7.301 min Scan# 7

Delta R.T. 0.000 min

Lab File: BF132324.D

Acq: 03 Feb 2023 16:21

Instrument :

BNA_F

ClientSampleId :

PB150669BSD

Tgt Ion:107 Resp: 475290

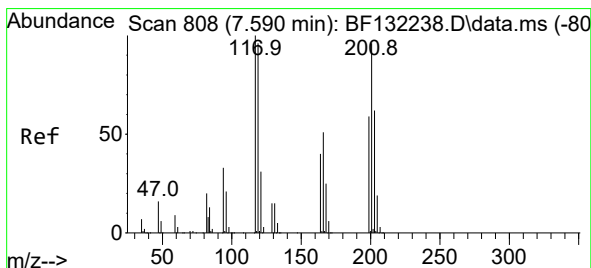
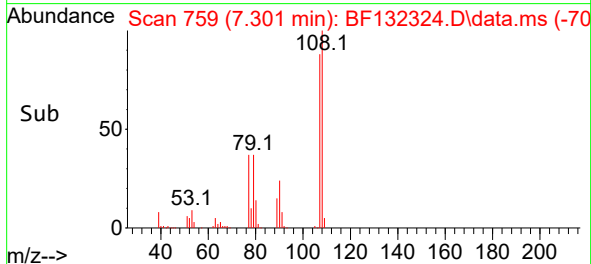
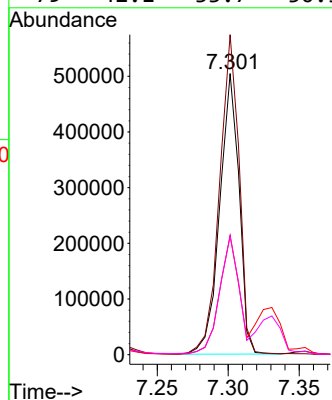
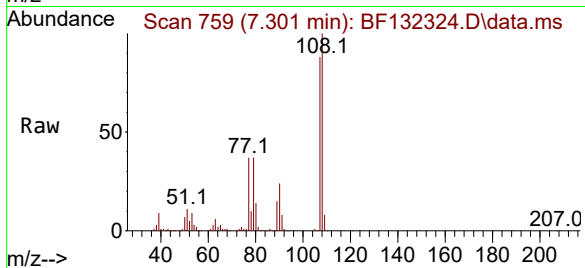
Ion Ratio Lower Upper

107 100

108 113.8 91.8 137.6

77 42.4 34.2 51.2

79 42.1 33.7 50.5



#18

Hexachloroethane

Concen: 45.570 ng

RT: 7.578 min Scan# 806

Delta R.T. 0.000 min

Lab File: BF132324.D

Acq: 03 Feb 2023 16:21

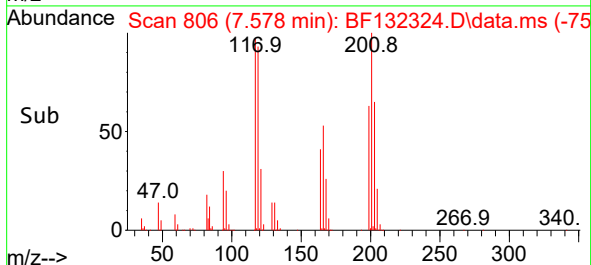
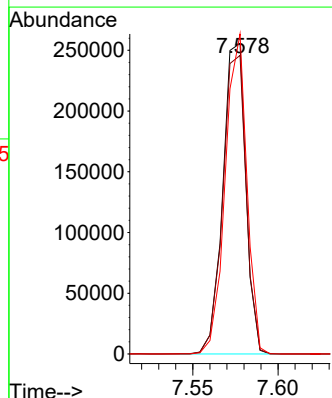
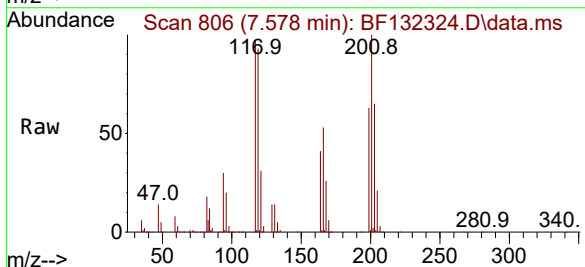
Tgt Ion:117 Resp: 239851

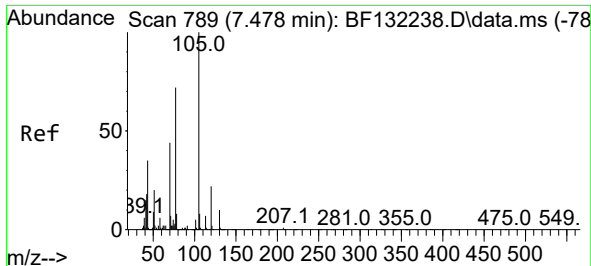
Ion Ratio Lower Upper

117 100

119 96.1 76.7 115.1

201 103.1 76.6 114.8

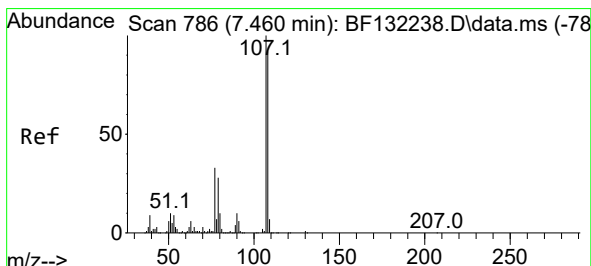
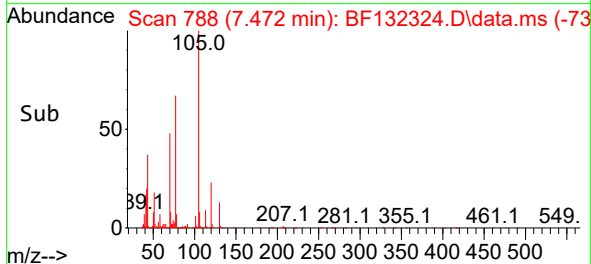
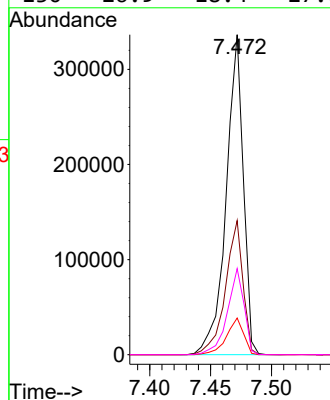
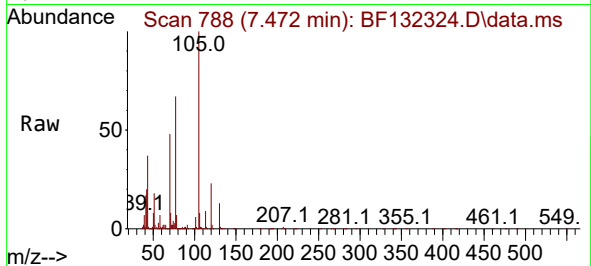




#19
n-Nitroso-di-n-propylamine
Concen: 36.791 ng
RT: 7.472 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132324.D
Acq: 03 Feb 2023 16:21

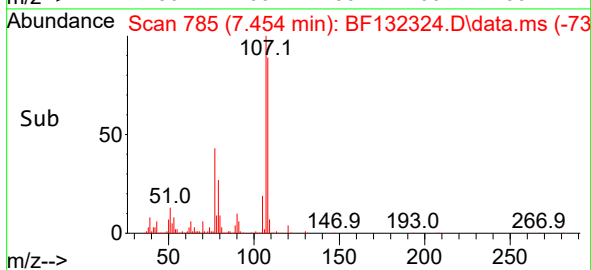
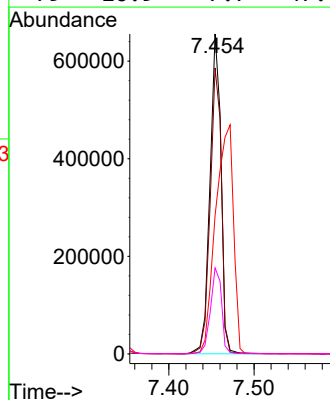
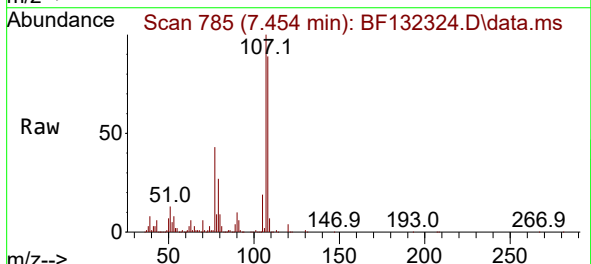
Instrument :
BNA_F
ClientSampleId :
PB150669BSD

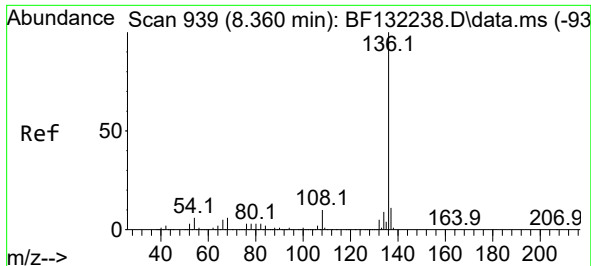
Tgt Ion: 70 Resp: 330591
Ion Ratio Lower Upper
70 100
42 41.9 33.4 50.0
101 11.5 8.2 12.4
130 26.9 18.4 27.6



#20
3+4-Methylphenols
Concen: 39.748 ng
RT: 7.454 min Scan# 785
Delta R.T. 0.000 min
Lab File: BF132324.D
Acq: 03 Feb 2023 16:21

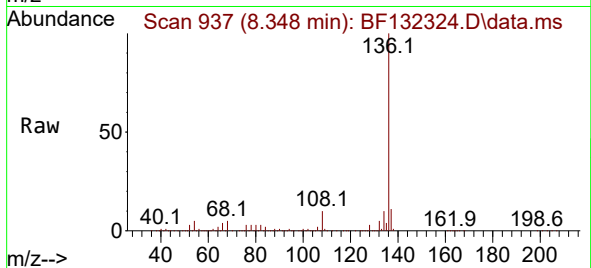
Tgt Ion: 107 Resp: 590159
Ion Ratio Lower Upper
107 100
108 89.4 71.6 111.6
77 43.2 13.4 53.4
79 26.9 7.7 47.7



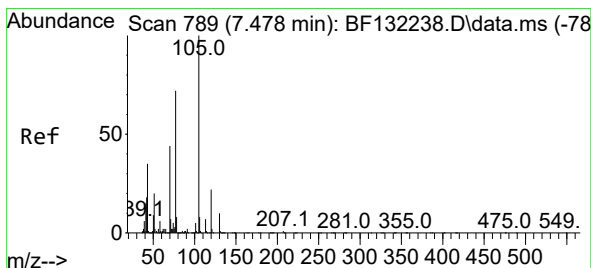
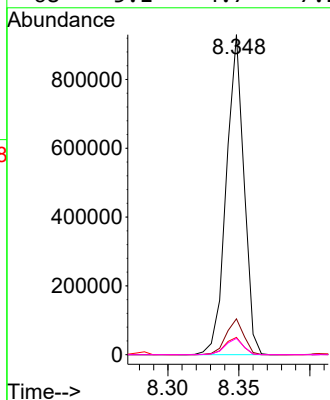
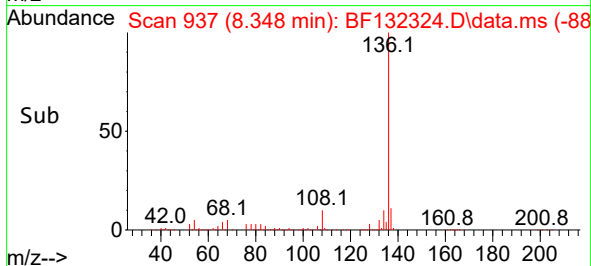


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.348 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132324.D
Acq: 03 Feb 2023 16:21

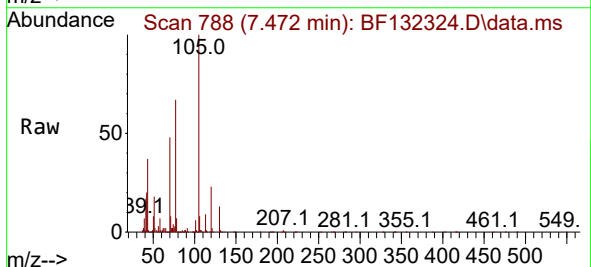
Instrument :
BNA_F
ClientSampleId :
PB150669BSD



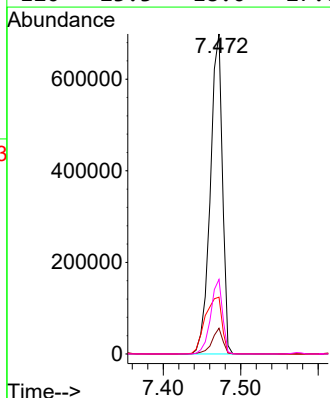
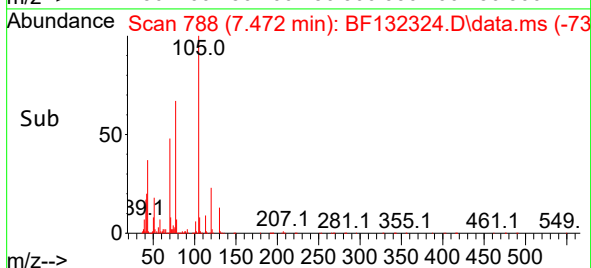
Tgt Ion:136 Resp: 802984
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 5.4 4.9 7.3
68 5.1 4.7 7.1

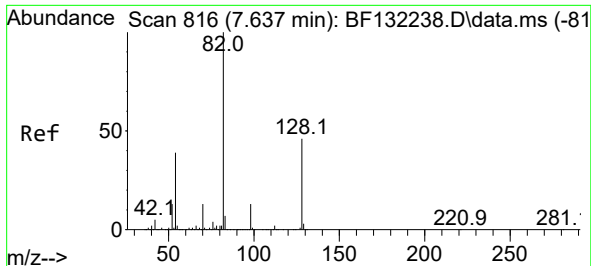


#22
Acetophenone
Concen: 40.245 ng
RT: 7.472 min Scan# 788
Delta R.T. 0.000 min
Lab File: BF132324.D
Acq: 03 Feb 2023 16:21



Tgt Ion:105 Resp: 759978
Ion Ratio Lower Upper
105 100
71 8.1 5.8 8.6
51 17.8 16.2 24.2
120 23.3 18.0 27.0





#23

Nitrobenzene-d5

Concen: 78.164 ng

RT: 7.625 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF132324.D

Acq: 03 Feb 2023 16:21

Instrument :

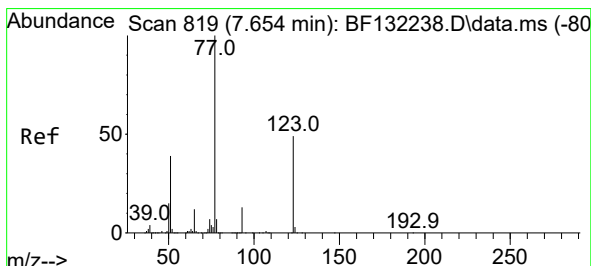
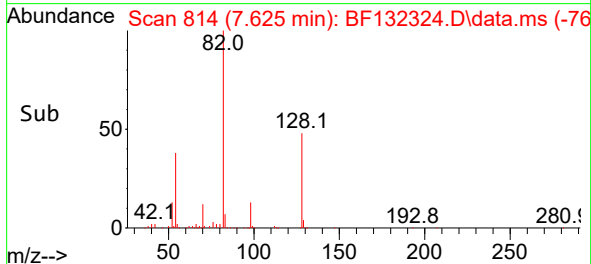
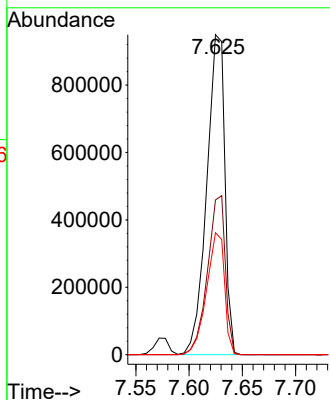
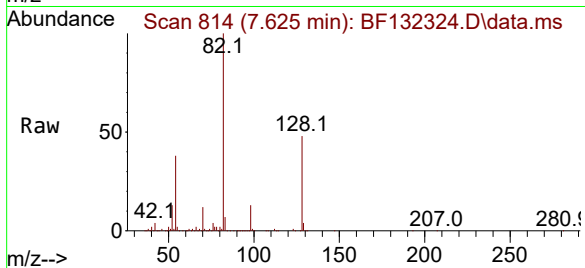
BNA_F

ClientSampleId :

PB150669BSD

Tgt Ion: 82 Resp: 1127895

Ion	Ratio	Lower	Upper
82	100		
128	48.3	37.0	55.4
54	38.1	31.5	47.3



#24

Nitrobenzene

Concen: 38.118 ng

RT: 7.648 min Scan# 818

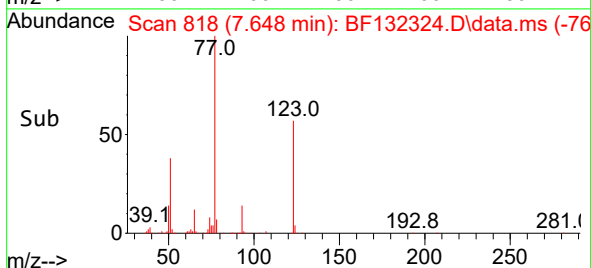
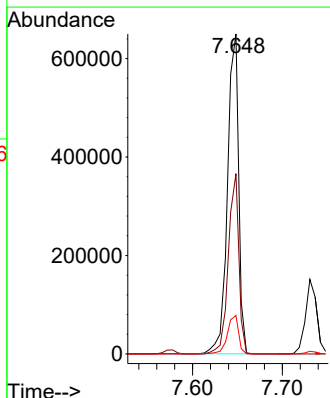
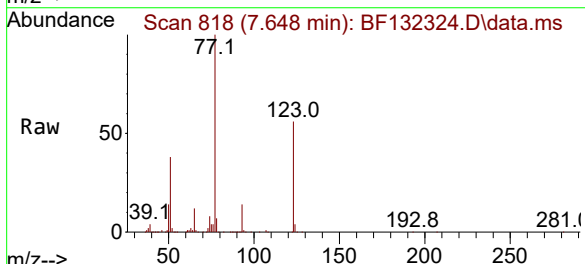
Delta R.T. 0.000 min

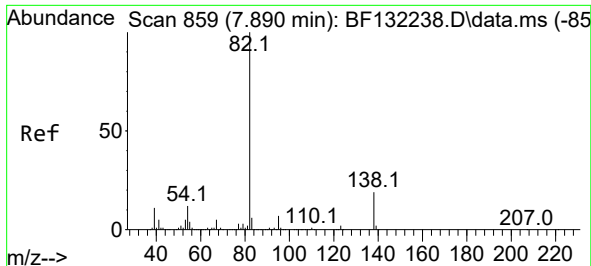
Lab File: BF132324.D

Acq: 03 Feb 2023 16:21

Tgt Ion: 77 Resp: 561922

Ion	Ratio	Lower	Upper
77	100		
123	56.3	39.5	59.3
65	12.0	9.8	14.8

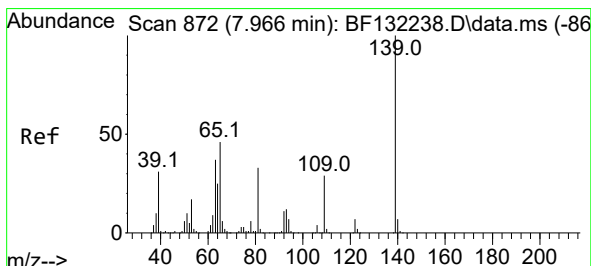
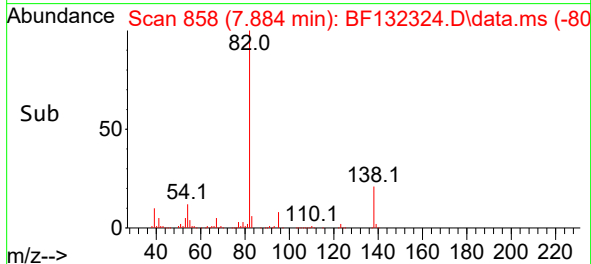
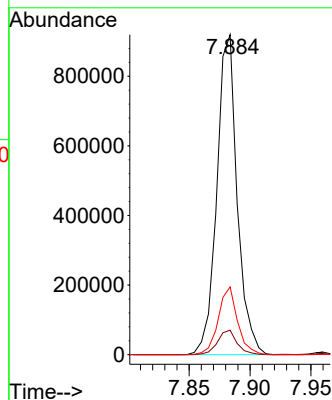
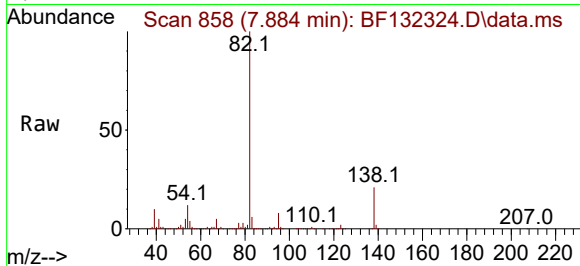




#25
Isophorone
Concen: 39.104 ng
RT: 7.884 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF132324.D
Acq: 03 Feb 2023 16:21

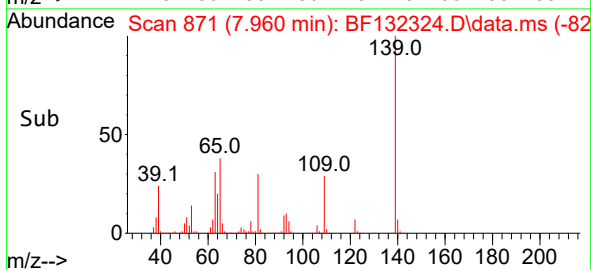
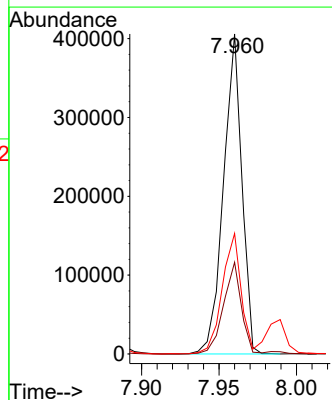
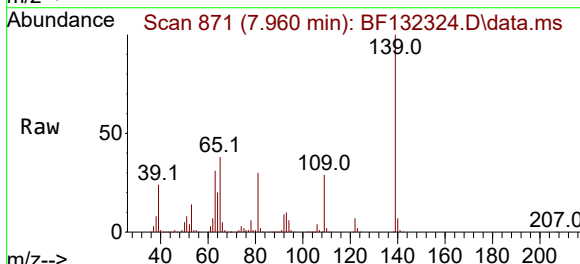
Instrument :
BNA_F
ClientSampleId :
PB150669BSD

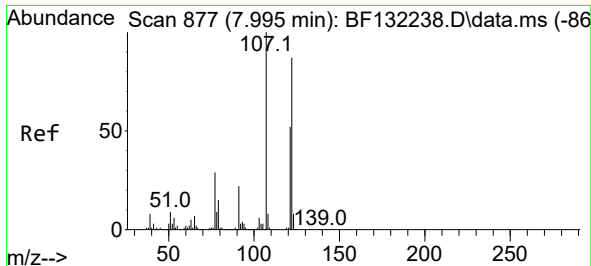
Tgt Ion: 82 Resp: 1070973
Ion Ratio Lower Upper
82 100
95 7.6 5.6 8.4
138 21.2 15.0 22.6



#26
2-Nitrophenol
Concen: 46.605 ng
RT: 7.960 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF132324.D
Acq: 03 Feb 2023 16:21

Tgt Ion: 139 Resp: 334650
Ion Ratio Lower Upper
139 100
109 28.6 23.0 34.6
65 37.7 36.6 55.0

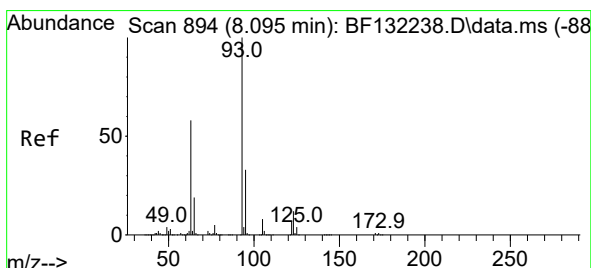
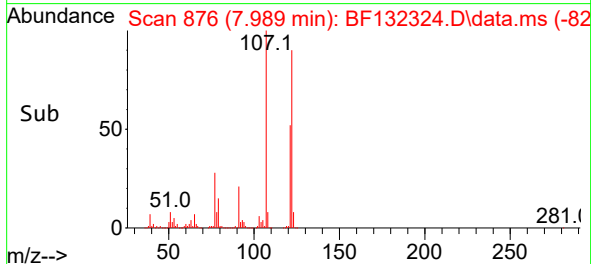
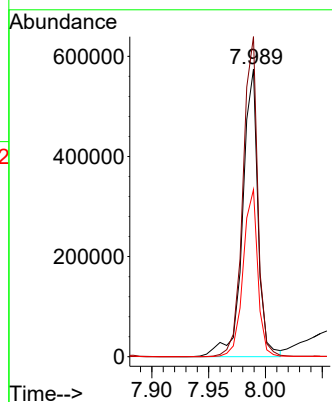
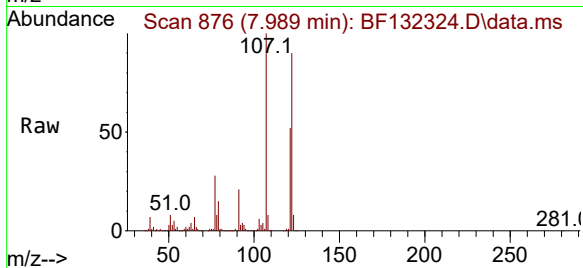




#27
2,4-Dimethylphenol
Concen: 43.360 ng
RT: 7.989 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF132324.D
Acq: 03 Feb 2023 16:21

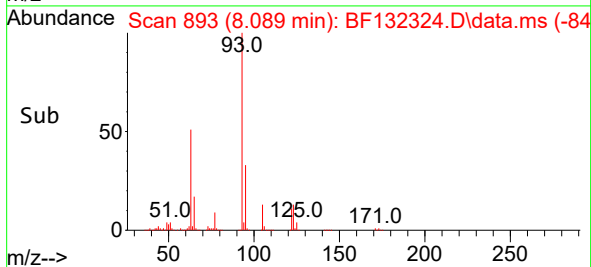
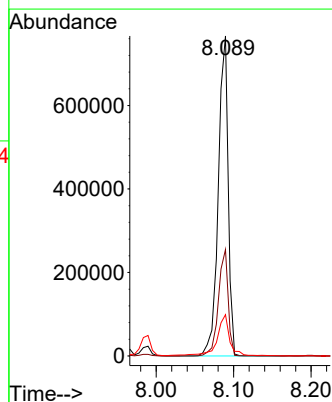
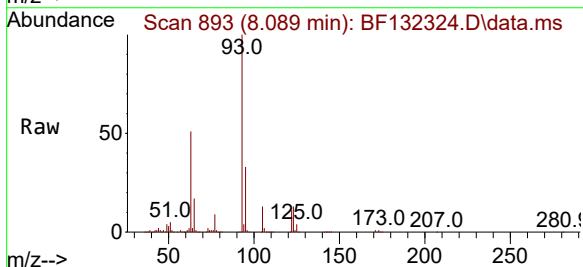
Instrument :
BNA_F
ClientSampleId :
PB150669BSD

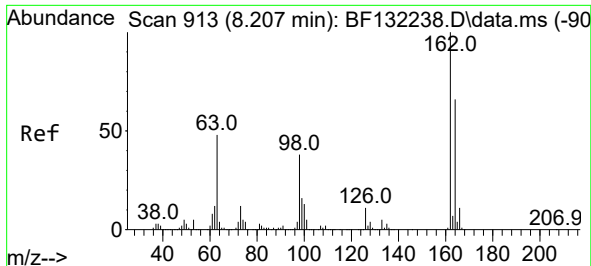
Tgt Ion:122 Resp: 544972
Ion Ratio Lower Upper
122 100
107 111.3 91.9 137.9
121 58.1 47.8 71.8



#28
bis(2-Chloroethoxy)methane
Concen: 40.385 ng
RT: 8.089 min Scan# 893
Delta R.T. 0.000 min
Lab File: BF132324.D
Acq: 03 Feb 2023 16:21

Tgt Ion: 93 Resp: 679705
Ion Ratio Lower Upper
93 100
95 33.3 26.6 40.0
123 12.9 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 44.275 ng

RT: 8.201 min Scan# 913

Delta R.T. 0.000 min

Lab File: BF132324.D

Acq: 03 Feb 2023 16:21

Instrument :

BNA_F

ClientSampleId :

PB150669BSD

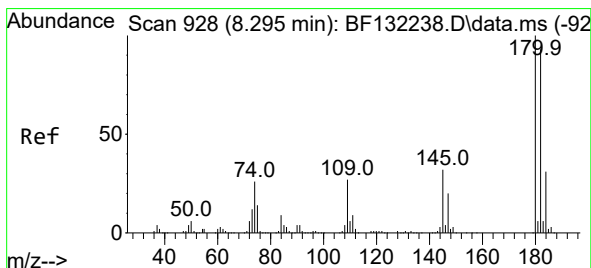
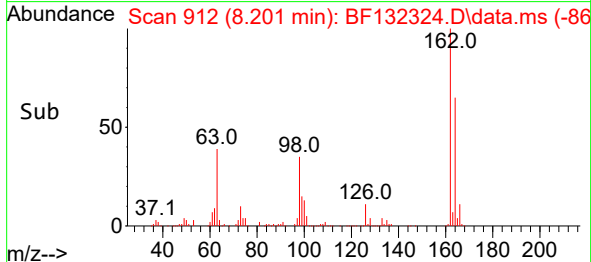
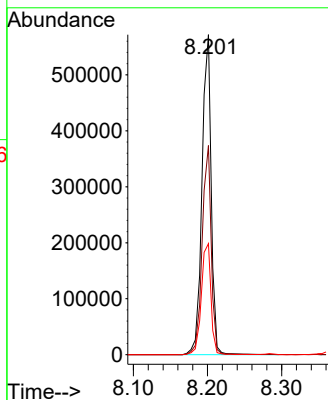
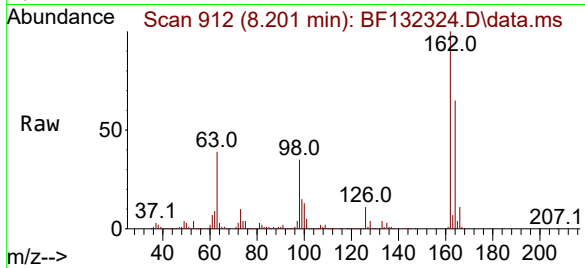
Tgt Ion:162 Resp: 494051

Ion Ratio Lower Upper

162 100

164 65.4 46.4 86.4

98 34.7 17.8 57.8



#30

1,2,4-Trichlorobenzene

Concen: 44.743 ng

RT: 8.284 min Scan# 926

Delta R.T. -0.006 min

Lab File: BF132324.D

Acq: 03 Feb 2023 16:21

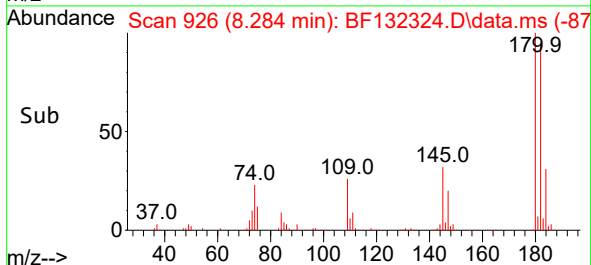
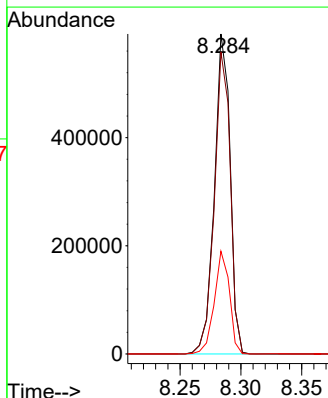
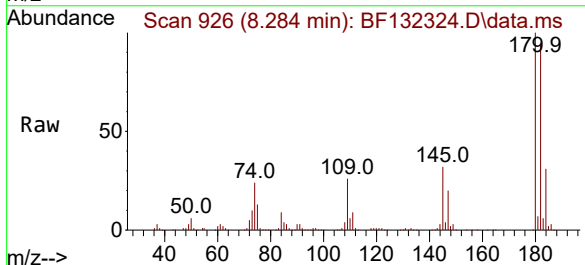
Tgt Ion:180 Resp: 534655

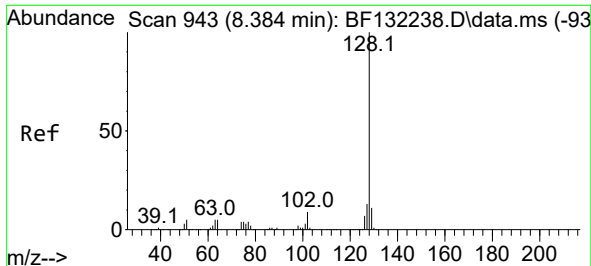
Ion Ratio Lower Upper

180 100

182 94.4 74.6 112.0

145 32.1 25.3 37.9

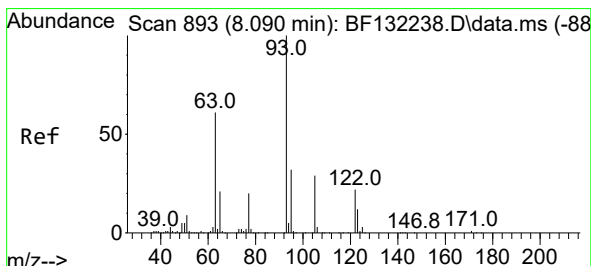
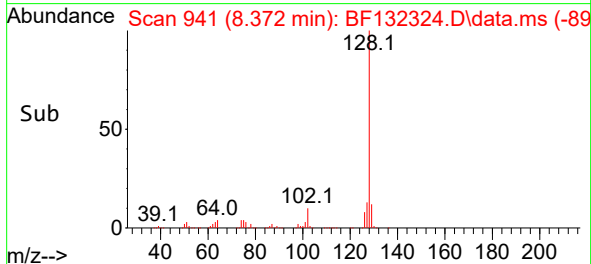
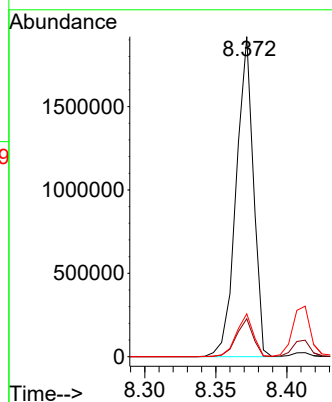
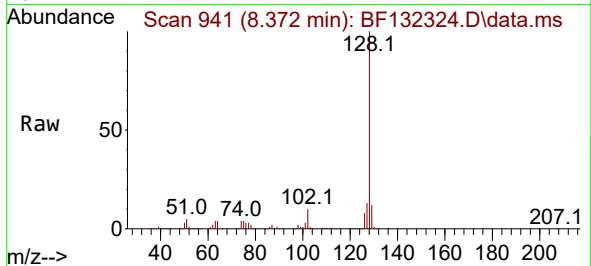




#31
Naphthalene
Concen: 40.990 ng
RT: 8.372 min Scan# 941
Delta R.T. 0.000 min
Lab File: BF132324.D
Acq: 03 Feb 2023 16:21

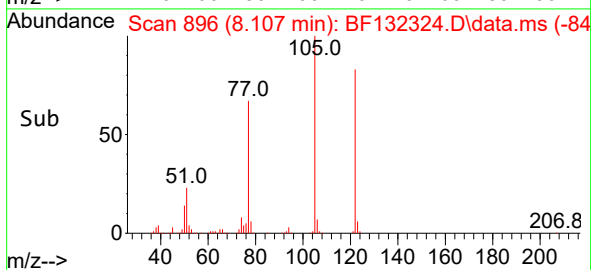
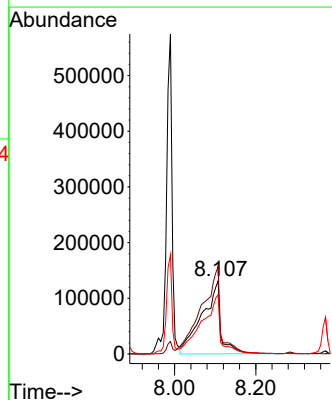
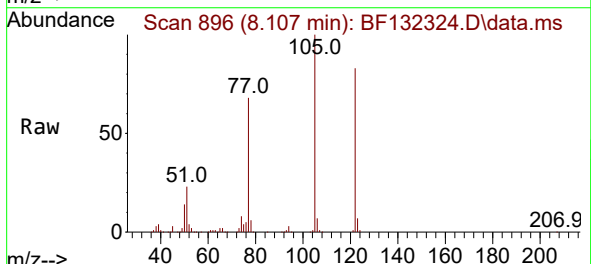
Instrument :
BNA_F
ClientSampleId :
PB150669BSD

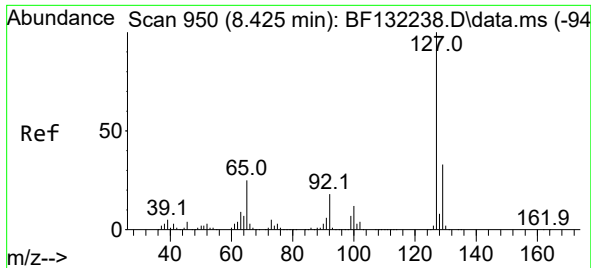
Tgt Ion:128 Resp: 1620132
Ion Ratio Lower Upper
128 100
129 11.9 9.0 13.4
127 13.4 10.5 15.7



#32
Benzoic acid
Concen: 45.456 ng
RT: 8.107 min Scan# 896
Delta R.T. 0.006 min
Lab File: BF132324.D
Acq: 03 Feb 2023 16:21

Tgt Ion:122 Resp: 422897
Ion Ratio Lower Upper
122 100
105 119.8 106.3 146.3
77 81.1 70.6 110.6

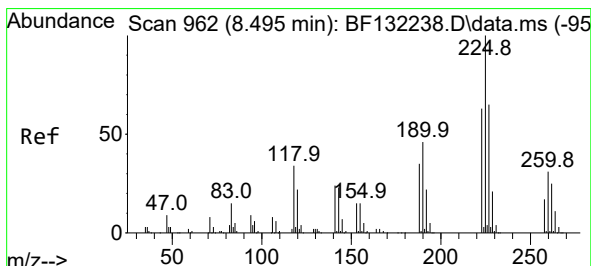
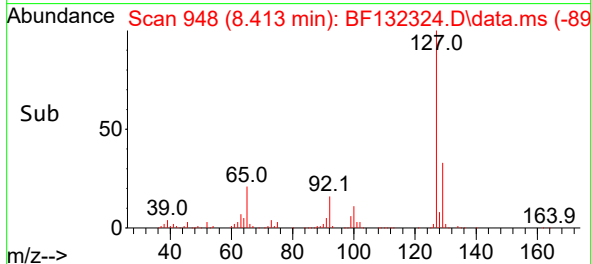
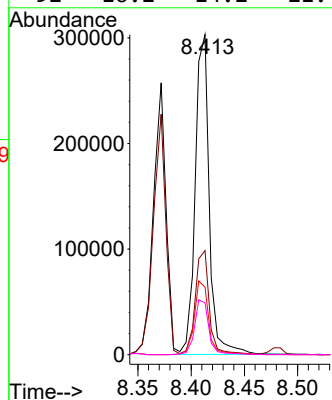
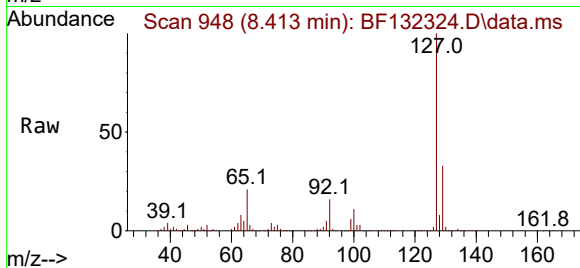




#33
4-Chloroaniline
Concen: 15.874 ng
RT: 8.413 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF132324.D
Acq: 03 Feb 2023 16:21

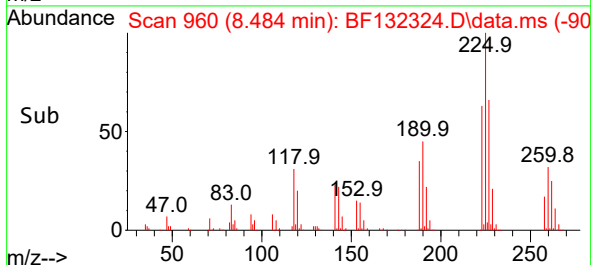
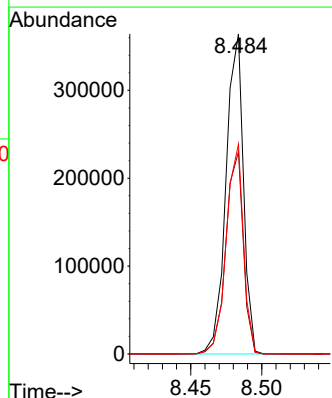
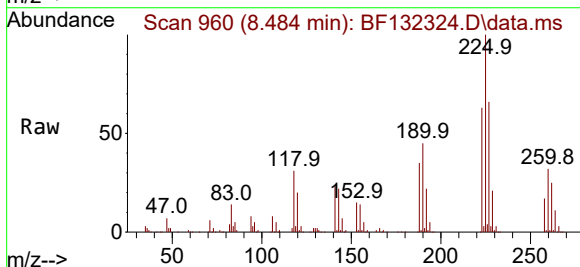
Instrument :
BNA_F
ClientSampleId :
PB150669BSD

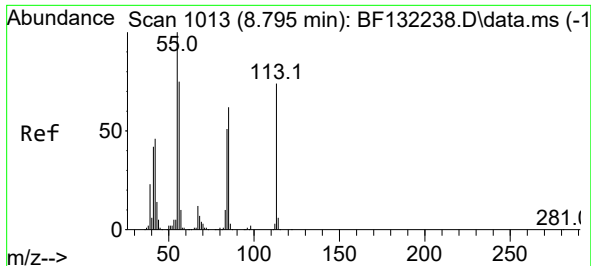
Tgt Ion:127	Resp: 278224
Ion Ratio	Lower Upper
127 100	
129 32.5	26.6 39.8
65 21.1	20.2 30.2
92 16.2	14.2 21.4



#34
Hexachlorobutadiene
Concen: 46.163 ng
RT: 8.484 min Scan# 960
Delta R.T. 0.000 min
Lab File: BF132324.D
Acq: 03 Feb 2023 16:21

Tgt Ion:225	Resp: 310107		
Ion Ratio	Lower	Upper	
225	100		
223	63.1	50.6	75.8
227	65.6	51.7	77.5

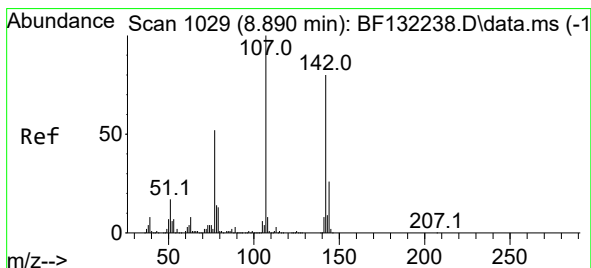
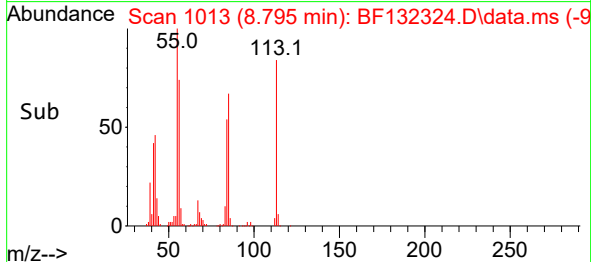
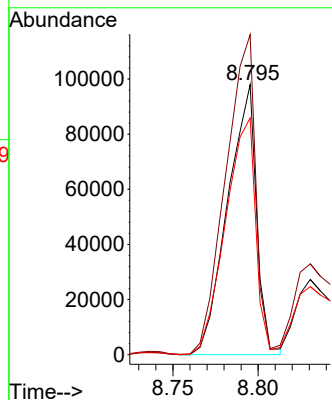
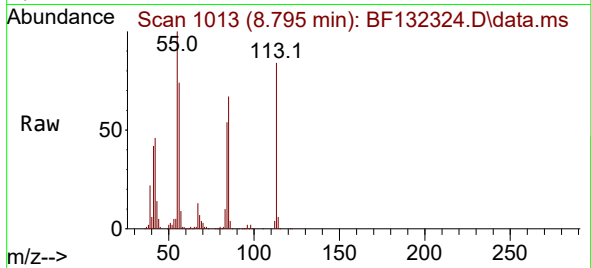




#35
Caprolactam
Concen: 30.188 ng
RT: 8.795 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF132324.D
Acq: 03 Feb 2023 16:21

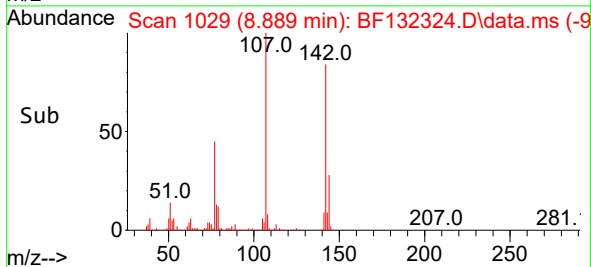
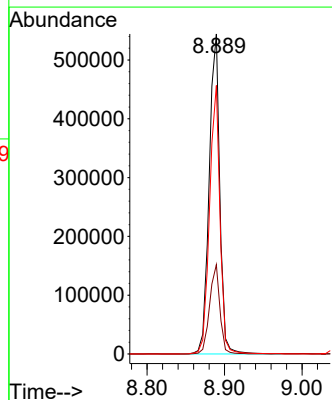
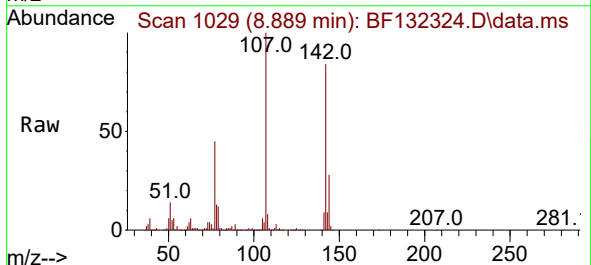
Instrument :
BNA_F
ClientSampleId :
PB150669BSD

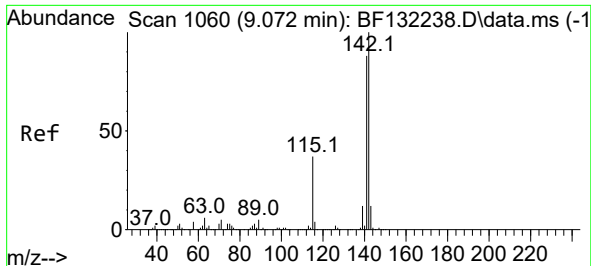
Tgt Ion:113 Resp: 114839
Ion Ratio Lower Upper
113 100
55 118.5 114.7 154.7
56 87.7 81.1 121.1



#36
4-Chloro-3-methylphenol
Concen: 43.134 ng
RT: 8.889 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF132324.D
Acq: 03 Feb 2023 16:21

Tgt Ion:107 Resp: 518540
Ion Ratio Lower Upper
107 100
144 27.9 20.5 30.7
142 83.9 63.6 95.4

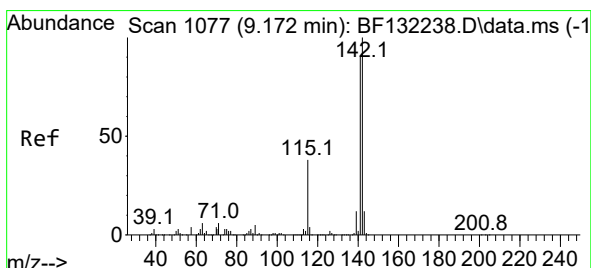
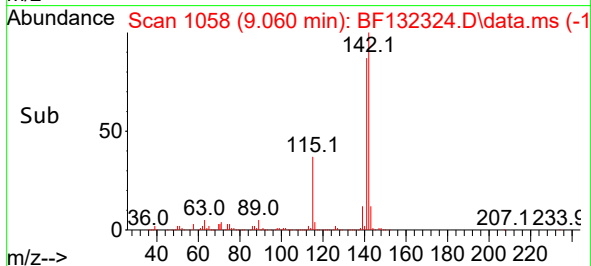
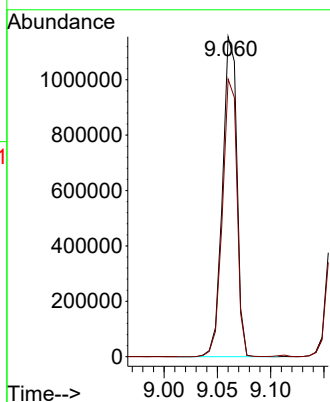
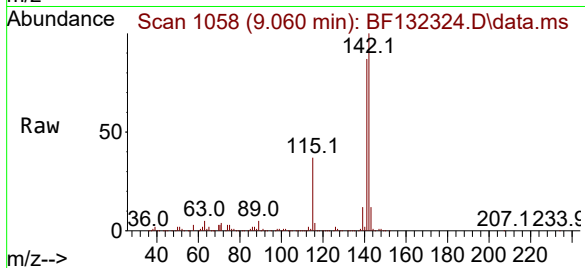




#37
2-Methylnaphthalene
Concen: 40.488 ng
RT: 9.060 min Scan# 1058
Delta R.T. -0.006 min
Lab File: BF132324.D
Acq: 03 Feb 2023 16:21

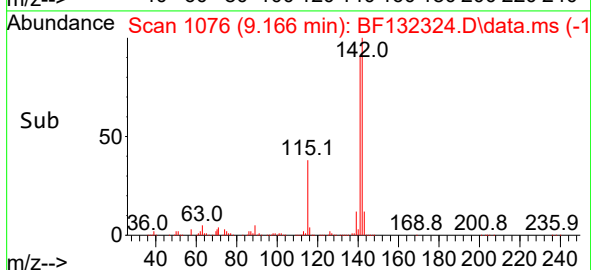
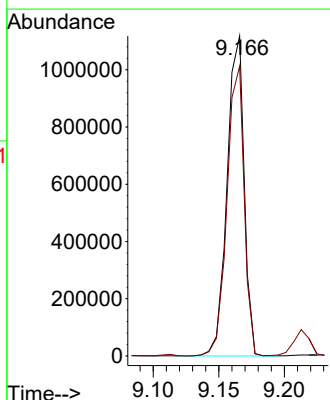
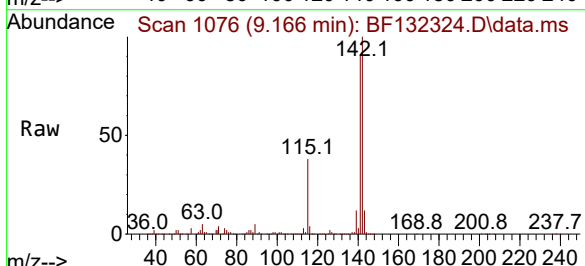
Instrument :
BNA_F
ClientSampleId :
PB150669BSD

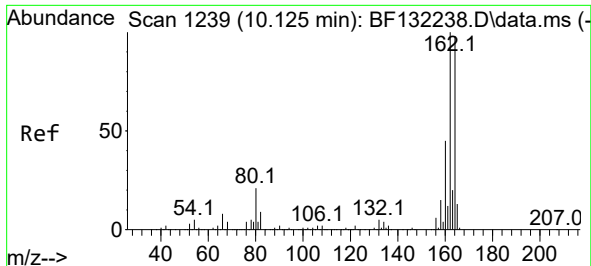
Tgt Ion:142 Resp: 1083987
Ion Ratio Lower Upper
142 100
141 86.7 70.1 105.1



#38
1-Methylnaphthalene
Concen: 40.641 ng
RT: 9.166 min Scan# 1076
Delta R.T. 0.000 min
Lab File: BF132324.D
Acq: 03 Feb 2023 16:21

Tgt Ion:142 Resp: 1011172
Ion Ratio Lower Upper
142 100
141 90.5 72.6 108.8

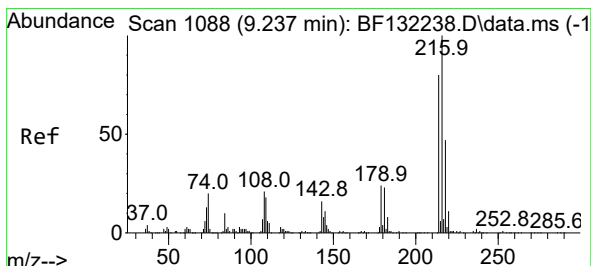
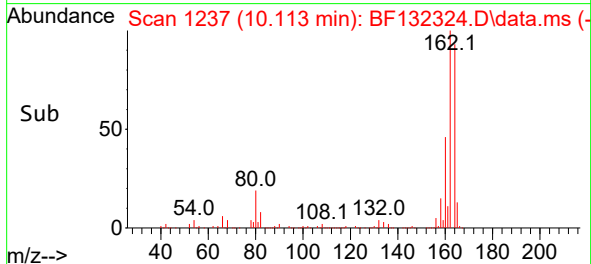
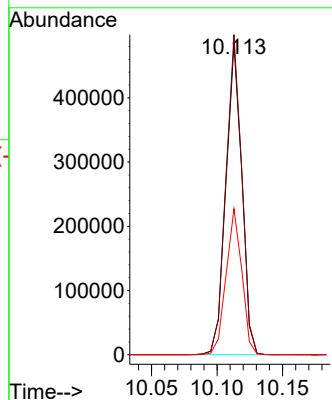
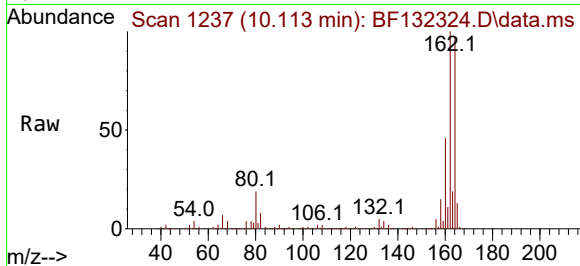




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.113 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132324.D
Acq: 03 Feb 2023 16:21

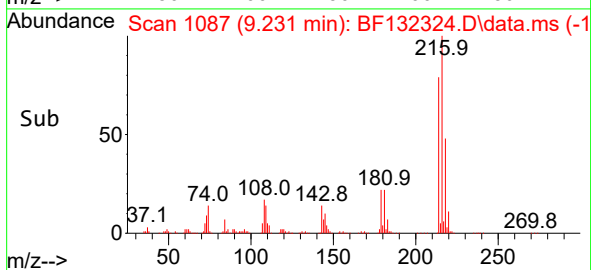
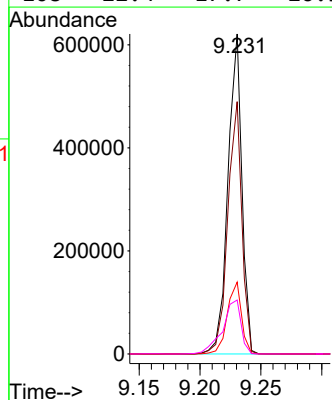
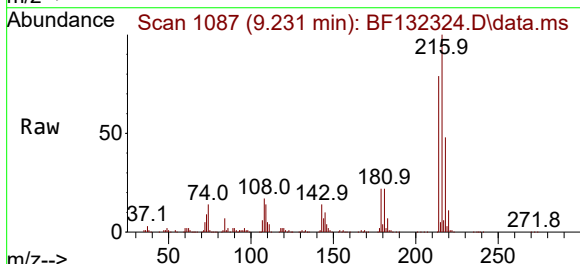
Instrument :
BNA_F
ClientSampleId :
PB150669BSD

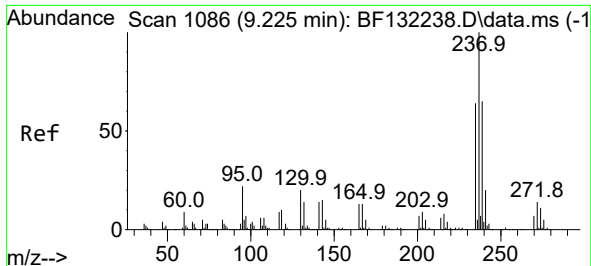
Tgt Ion:164 Resp: 407907
Ion Ratio Lower Upper
164 100
162 103.1 82.0 123.0
160 47.0 37.1 55.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.051 ng
RT: 9.231 min Scan# 1087
Delta R.T. 0.000 min
Lab File: BF132324.D
Acq: 03 Feb 2023 16:21

Tgt Ion:216 Resp: 494185
Ion Ratio Lower Upper
216 100
214 79.4 63.6 95.4
179 22.8 18.3 27.5
108 22.4 17.7 26.5

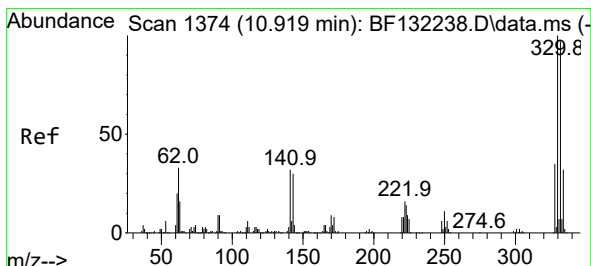
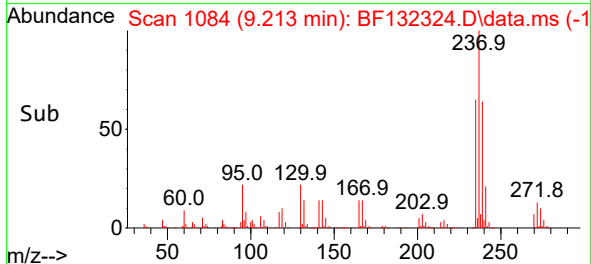
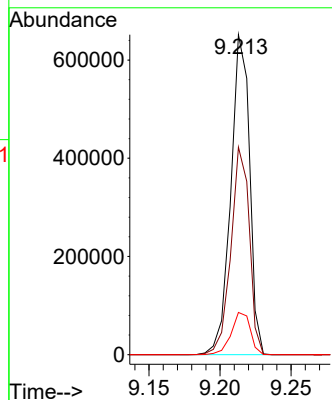
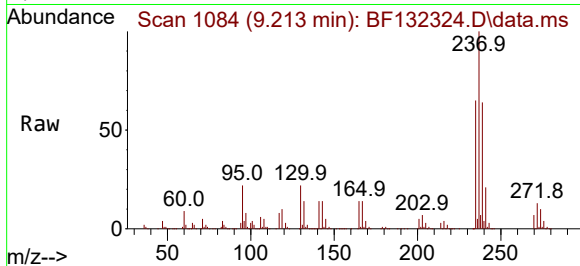




#41
Hexachlorocyclopentadiene
Concen: 89.537 ng
RT: 9.213 min Scan# 1084
Delta R.T. 0.000 min
Lab File: BF132324.D
Acq: 03 Feb 2023 16:21

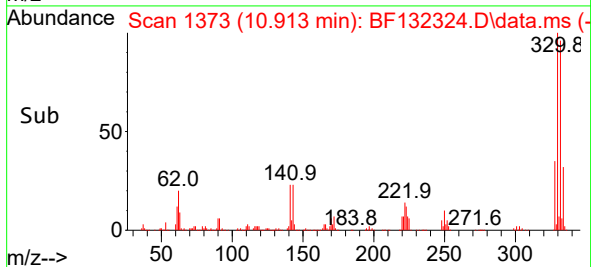
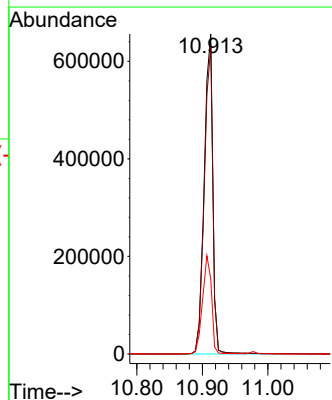
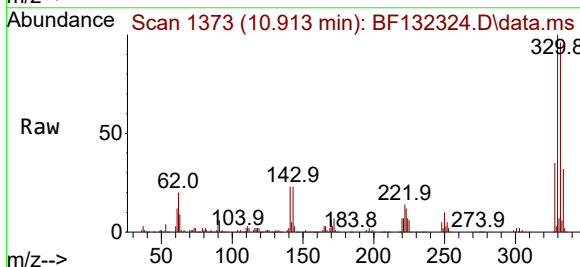
Instrument :
BNA_F
ClientSampleId :
PB150669BSD

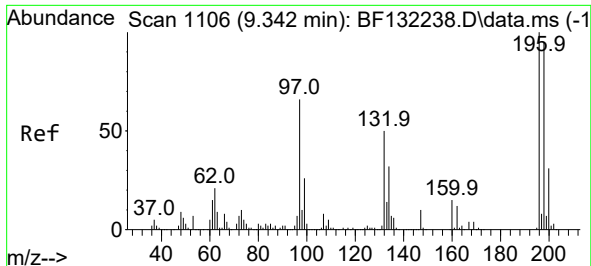
Tgt Ion:237 Resp: 599643
Ion Ratio Lower Upper
237 100
235 64.8 43.5 83.5
272 13.2 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 143.083 ng
RT: 10.913 min Scan# 1373
Delta R.T. 0.006 min
Lab File: BF132324.D
Acq: 03 Feb 2023 16:21

Tgt Ion:330 Resp: 600201
Ion Ratio Lower Upper
330 100
332 95.8 77.9 116.9
141 32.0 31.0 46.4

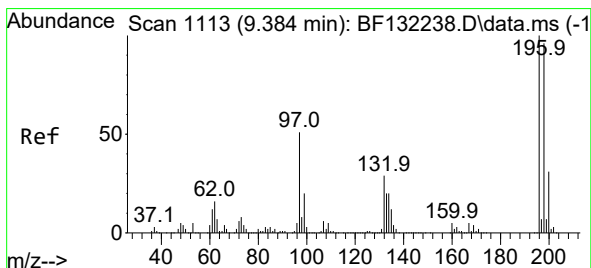
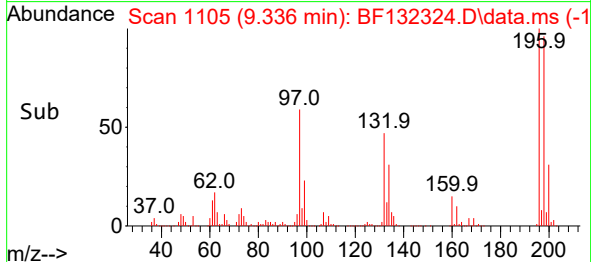
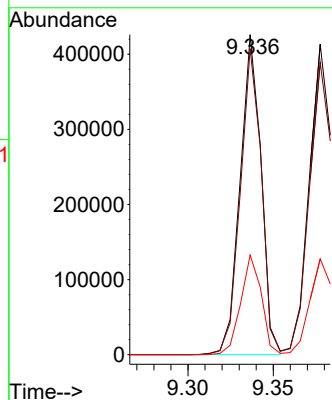
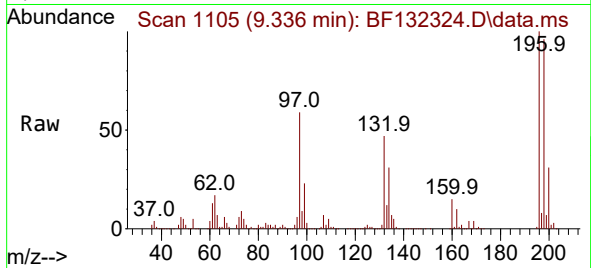




#43
2,4,6-Trichlorophenol
Concen: 44.342 ng
RT: 9.336 min Scan# 1105
Delta R.T. 0.000 min
Lab File: BF132324.D
Acq: 03 Feb 2023 16:21

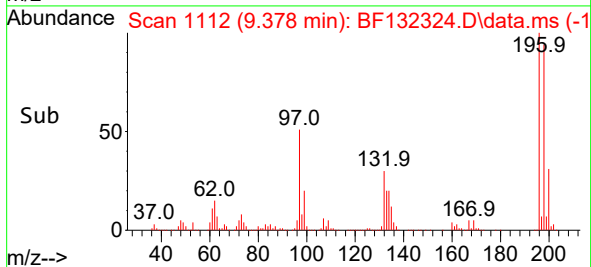
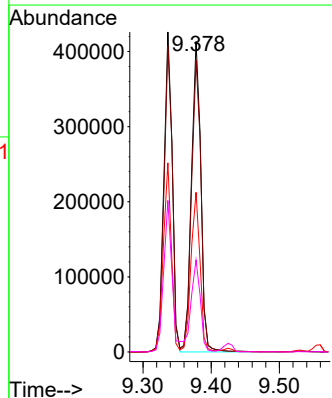
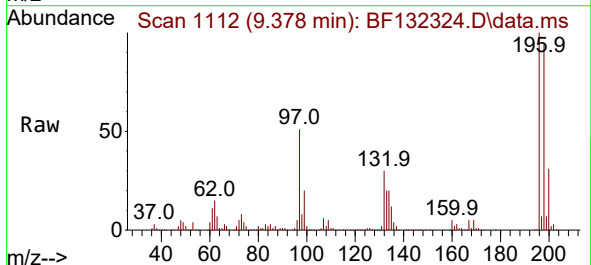
Instrument :
BNA_F
ClientSampleId :
PB150669BSD

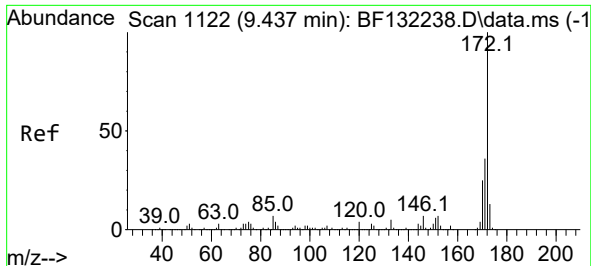
Tgt Ion:196 Resp: 363846
Ion Ratio Lower Upper
196 100
198 95.6 75.9 113.9
200 31.1 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 41.587 ng
RT: 9.378 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BF132324.D
Acq: 03 Feb 2023 16:21

Tgt Ion:196 Resp: 392771
Ion Ratio Lower Upper
196 100
198 94.1 77.0 115.4
97 51.4 41.2 61.8
132 29.6 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 75.855 ng

RT: 9.425 min Scan# 1120

Delta R.T. 0.000 min

Lab File: BF132324.D

Acq: 03 Feb 2023 16:21

Instrument :

BNA_F

ClientSampleId :

PB150669BSD

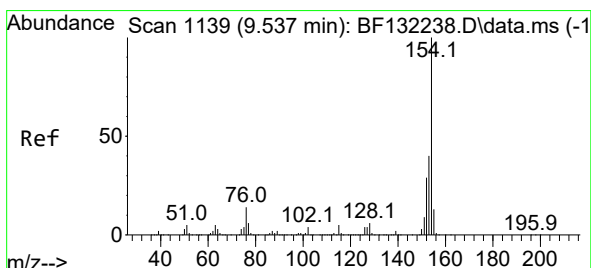
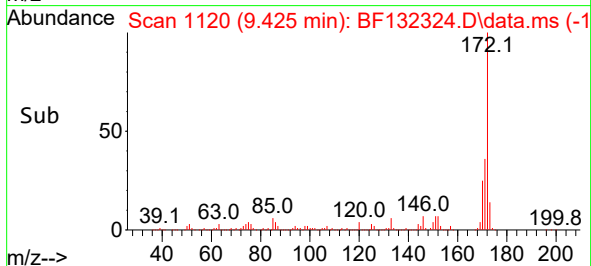
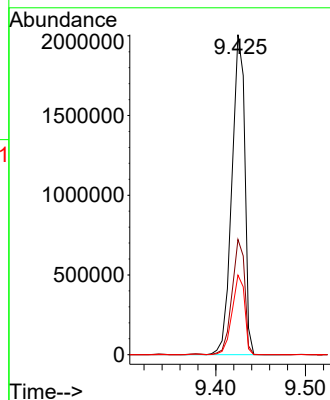
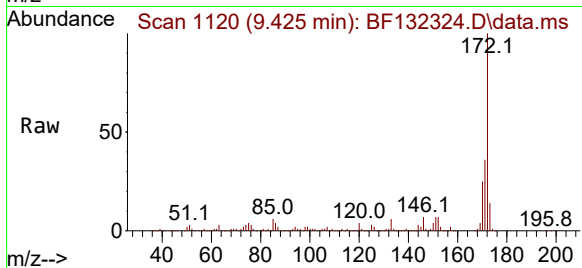
Tgt Ion:172 Resp: 2003682

Ion Ratio Lower Upper

172 100

171 36.0 28.6 43.0

170 24.9 19.7 29.5



#46

1,1'-Biphenyl

Concen: 41.360 ng

RT: 9.531 min Scan# 1138

Delta R.T. 0.000 min

Lab File: BF132324.D

Acq: 03 Feb 2023 16:21

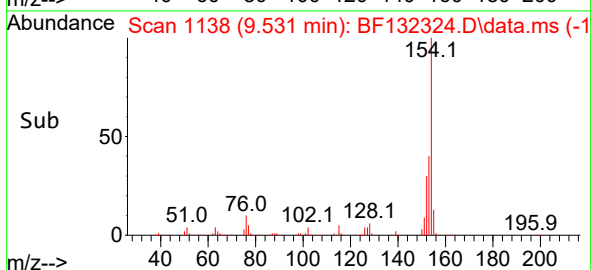
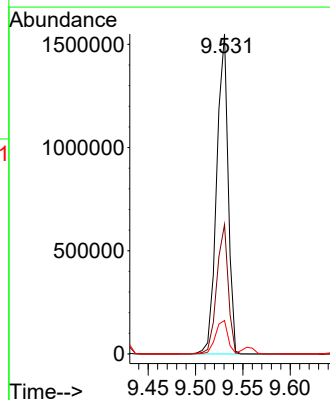
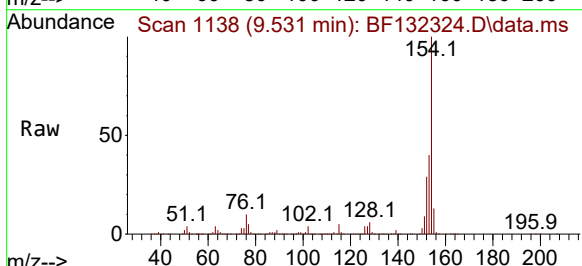
Tgt Ion:154 Resp: 1300648

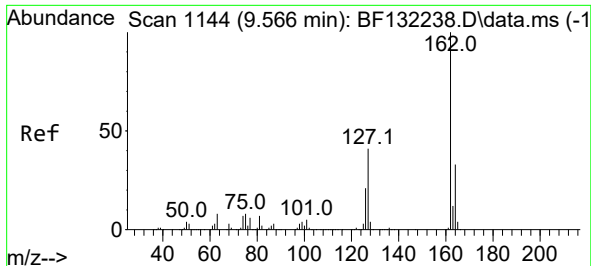
Ion Ratio Lower Upper

154 100

153 40.4 19.9 59.9

76 10.4 0.0 34.0

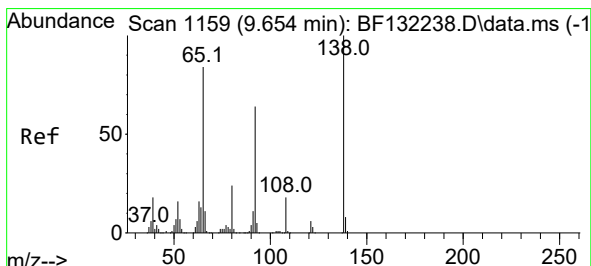
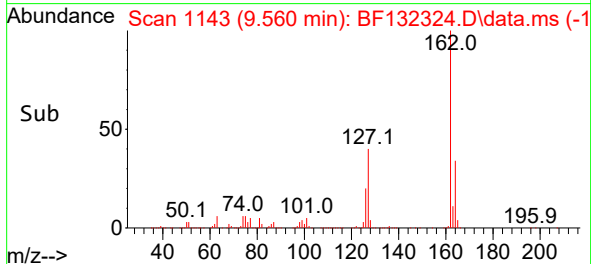
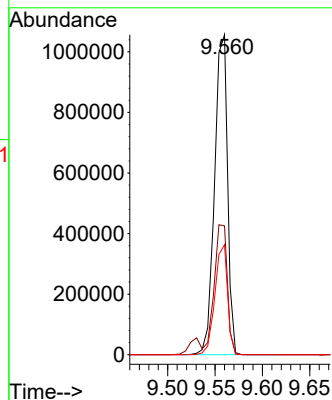
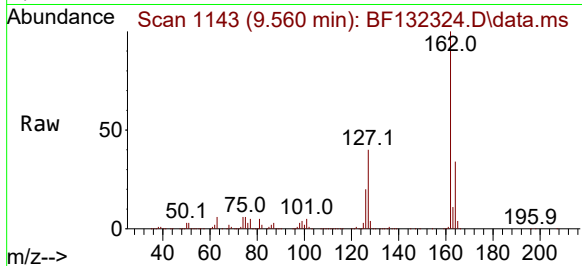




#47
2-Chloronaphthalene
Concen: 41.925 ng
RT: 9.560 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BF132324.D
Acq: 03 Feb 2023 16:21

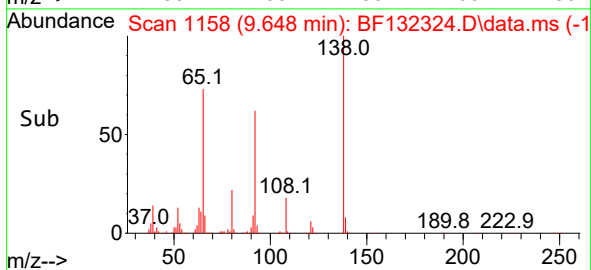
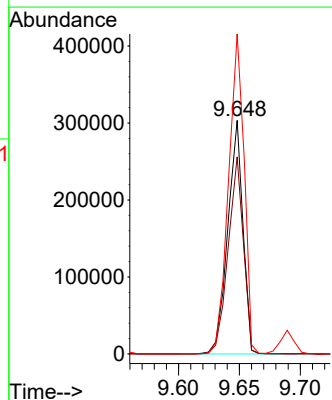
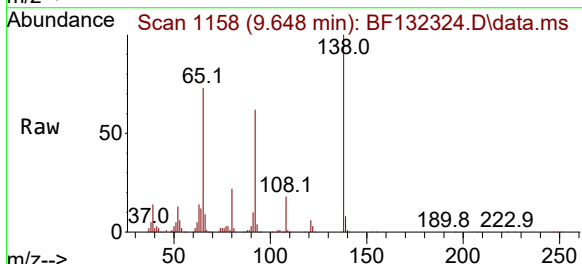
Instrument :
BNA_F
ClientSampleId :
PB150669BSD

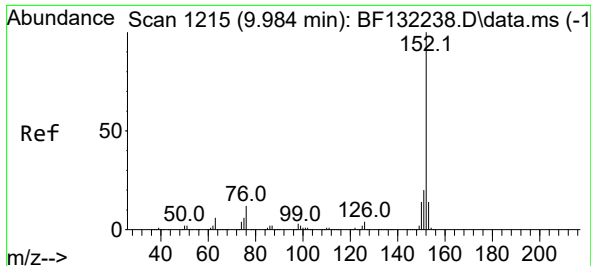
Tgt Ion:162 Resp: 1004168
Ion Ratio Lower Upper
162 100
127 40.3 33.3 49.9
164 34.4 26.8 40.2



#48
2-Nitroaniline
Concen: 36.988 ng
RT: 9.648 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF132324.D
Acq: 03 Feb 2023 16:21

Tgt Ion: 65 Resp: 263481
Ion Ratio Lower Upper
65 100
92 84.4 61.0 91.4
138 137.0 95.0 142.4





#49

Acenaphthylene

Concen: 40.487 ng

RT: 9.978 min Scan# 1188

Delta R.T. 0.000 min

Lab File: BF132324.D

Acq: 03 Feb 2023 16:21

Instrument :

BNA_F

ClientSampleId :

PB150669BSD

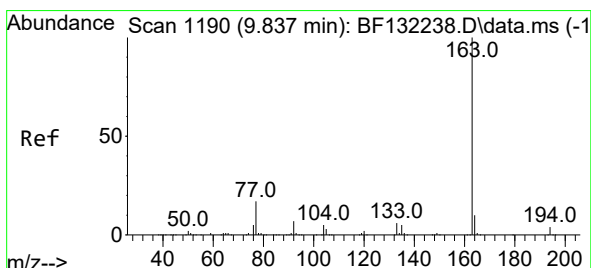
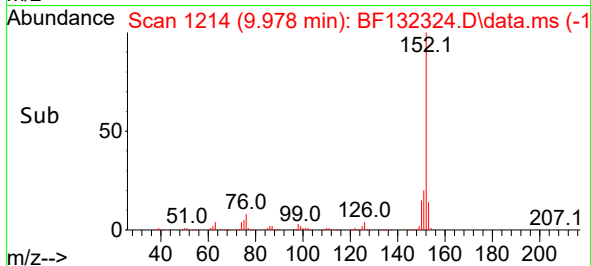
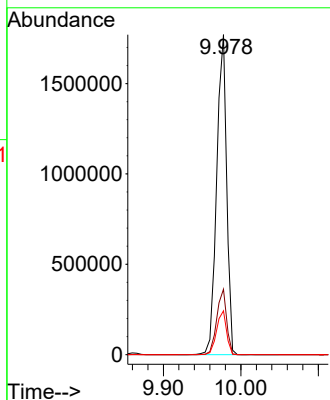
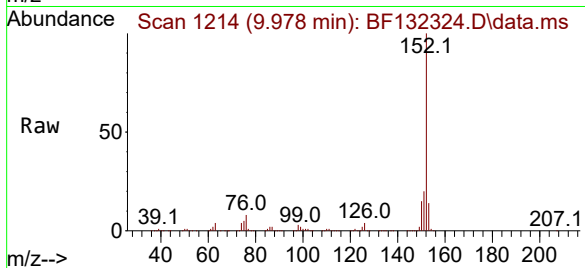
Tgt Ion:152 Resp: 1582680

Ion Ratio Lower Upper

152 100

151 20.5 15.9 23.9

153 13.7 10.9 16.3



#50

Dimethylphthalate

Concen: 41.608 ng

RT: 9.825 min Scan# 1188

Delta R.T. 0.000 min

Lab File: BF132324.D

Acq: 03 Feb 2023 16:21

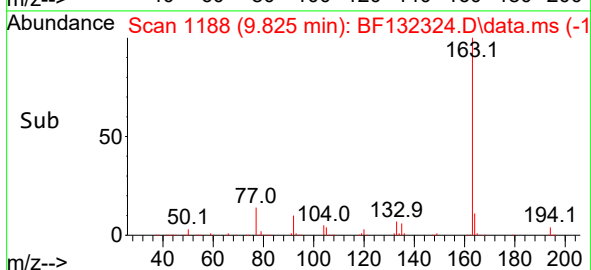
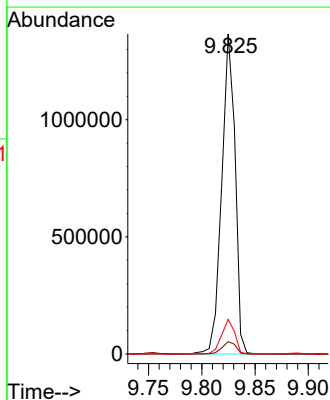
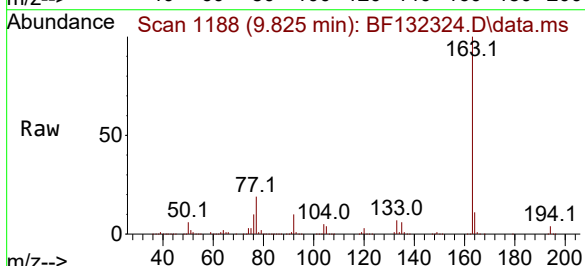
Tgt Ion:163 Resp: 1187207

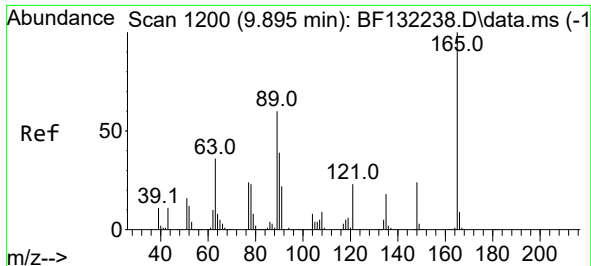
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

164 10.8 7.9 11.9

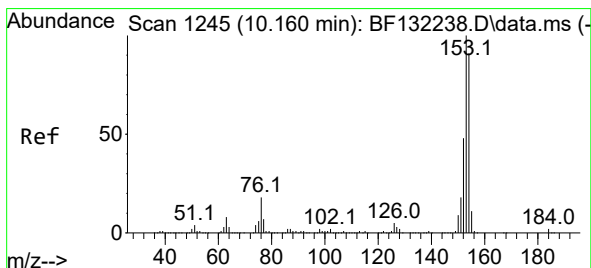
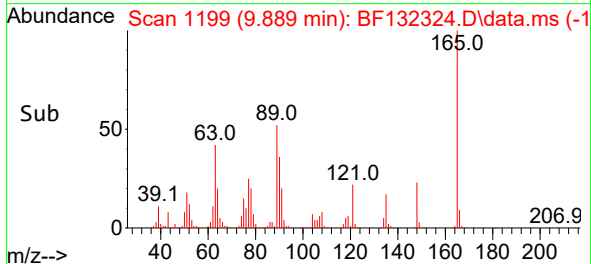
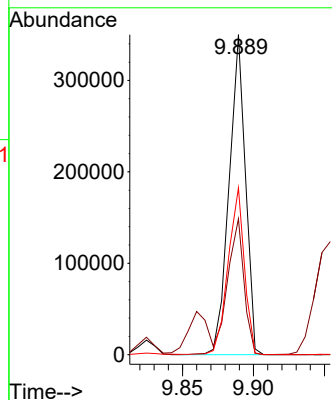
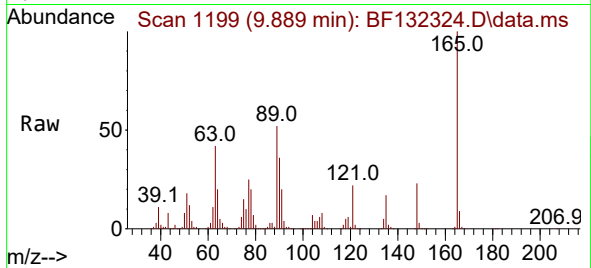




#51
2,6-Dinitrotoluene
Concen: 44.047 ng
RT: 9.889 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF132324.D
Acq: 03 Feb 2023 16:21

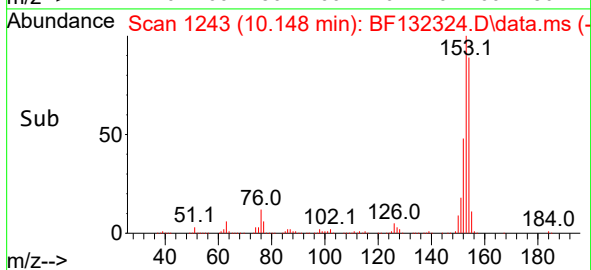
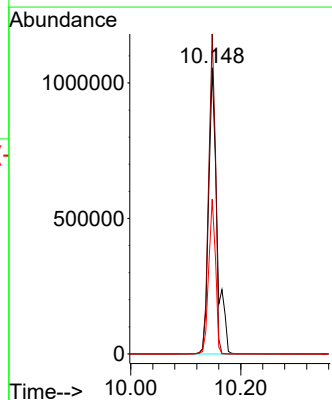
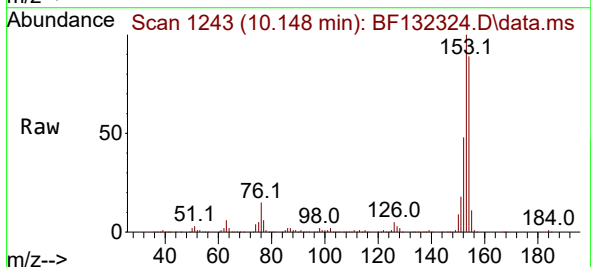
Instrument :
BNA_F
ClientSampleId :
PB150669BSD

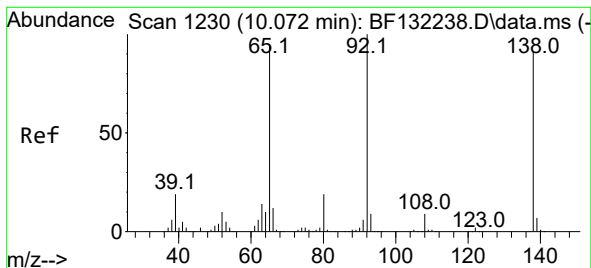
Tgt Ion:165 Resp: 280693
Ion Ratio Lower Upper
165 100
63 42.4 41.5 62.3
89 52.1 48.1 72.1



#52
Acenaphthene
Concen: 45.582 ng
RT: 10.148 min Scan# 1243
Delta R.T. 0.000 min
Lab File: BF132324.D
Acq: 03 Feb 2023 16:21

Tgt Ion:154 Resp: 1115536
Ion Ratio Lower Upper
154 100
153 111.8 88.3 132.5
152 54.0 42.7 64.1

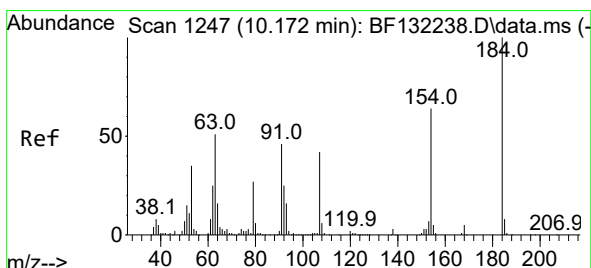
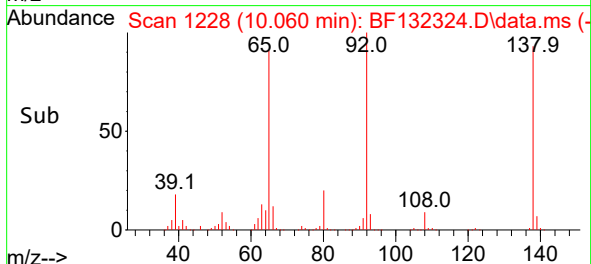
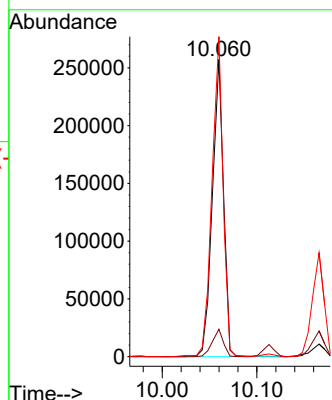
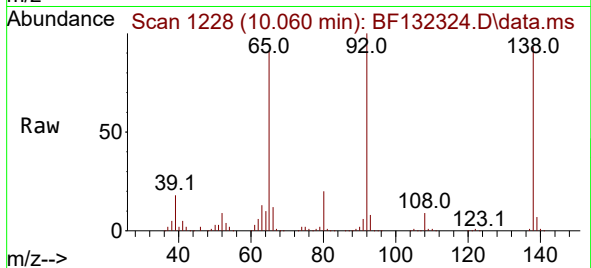




#53
3-Nitroaniline
Concen: 27.303 ng
RT: 10.060 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132324.D
Acq: 03 Feb 2023 16:21

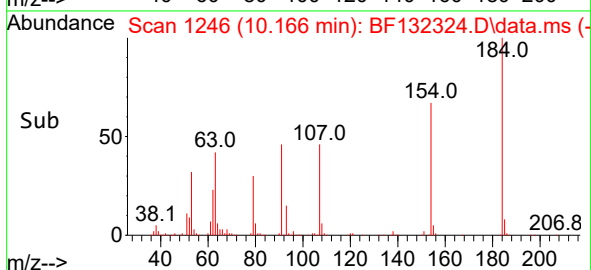
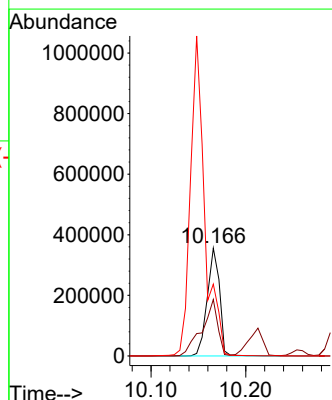
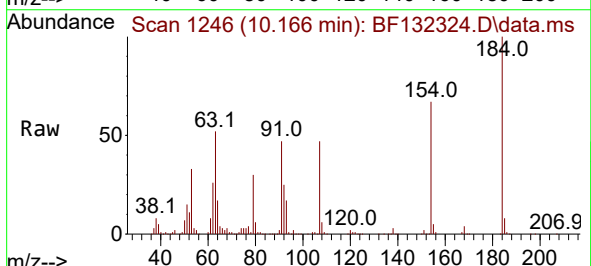
Instrument :
BNA_F
ClientSampleId :
PB150669BSD

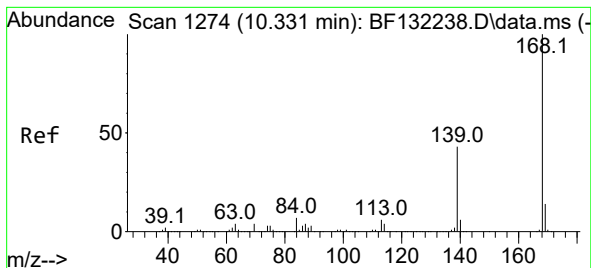
Tgt Ion:138 Resp: 211001
Ion Ratio Lower Upper
138 100
108 9.3 7.6 11.4
92 107.7 88.3 132.5



#54
2,4-Dinitrophenol
Concen: 86.689 ng
RT: 10.166 min Scan# 1246
Delta R.T. 0.000 min
Lab File: BF132324.D
Acq: 03 Feb 2023 16:21

Tgt Ion:184 Resp: 321638
Ion Ratio Lower Upper
184 100
63 52.4 41.6 62.4
154 66.7 57.0 85.6





#55

Dibenzenofuran

Concen: 40.154 ng

RT: 10.325 min Scan# 1273

Delta R.T. 0.006 min

Lab File: BF132324.D

Acq: 03 Feb 2023 16:21

Instrument :

BNA_F

ClientSampleId :

PB150669BSD

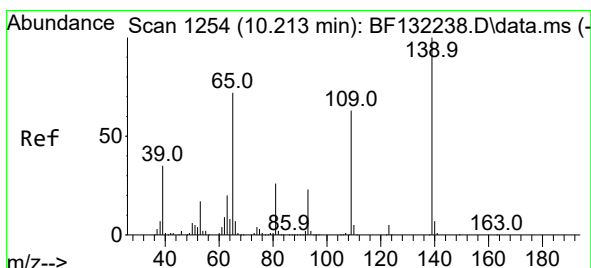
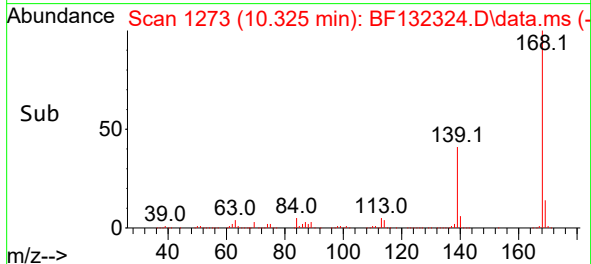
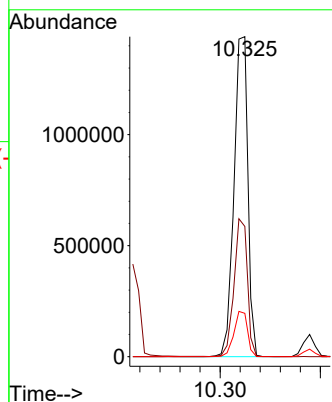
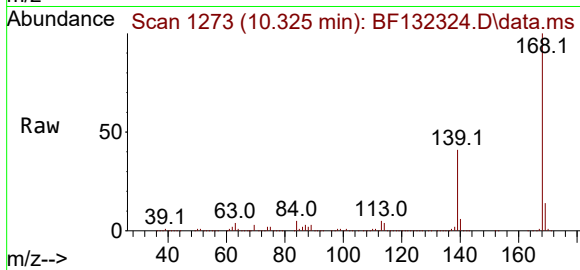
Tgt Ion:168 Resp: 1380720

Ion Ratio Lower Upper

168 100

139 40.7 34.2 51.4

169 13.6 11.2 16.8



#56

4-Nitrophenol

Concen: 80.522 ng

RT: 10.213 min Scan# 1254

Delta R.T. 0.006 min

Lab File: BF132324.D

Acq: 03 Feb 2023 16:21

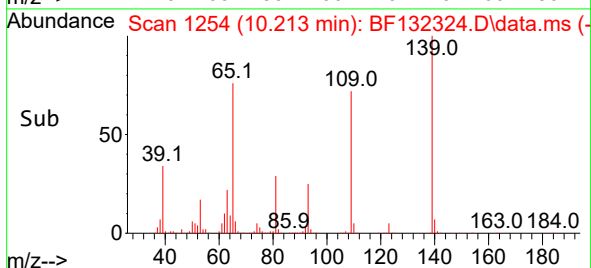
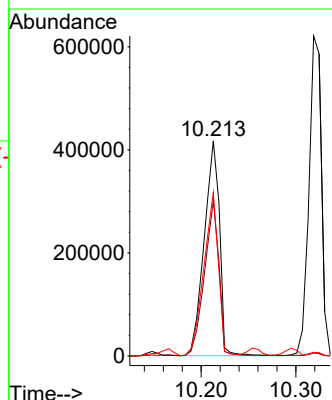
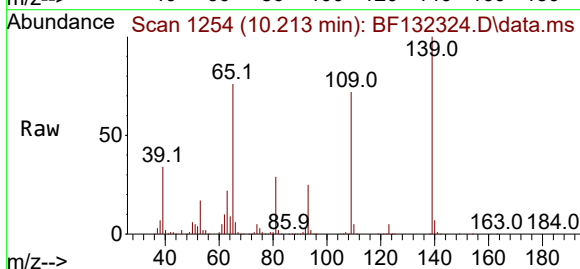
Tgt Ion:139 Resp: 468268

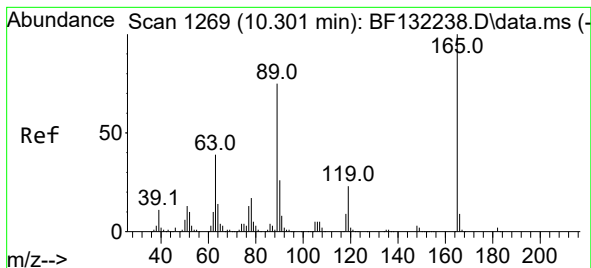
Ion Ratio Lower Upper

139 100

109 72.2 43.3 83.3

65 76.0 52.3 92.3

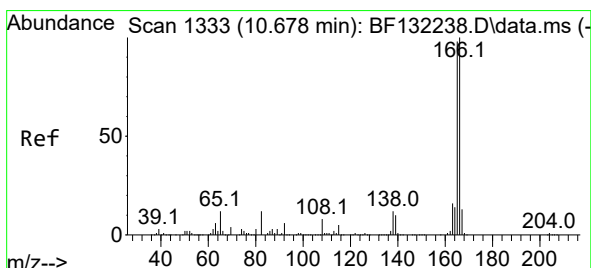
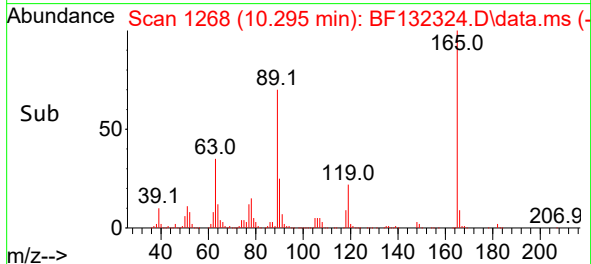
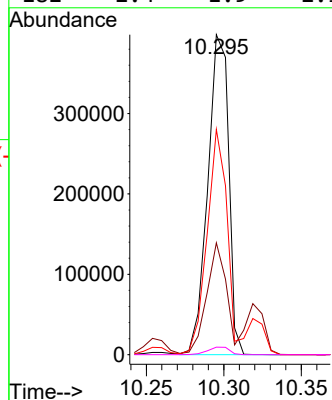
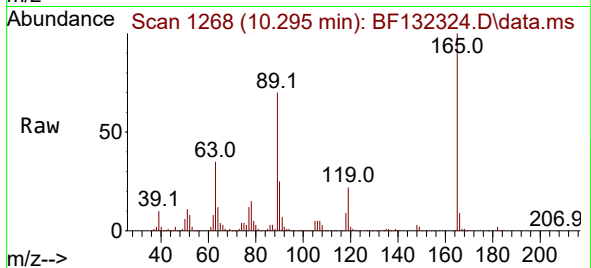




#57
2,4-Dinitrotoluene
Concen: 45.067 ng
RT: 10.295 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132324.D
Acq: 03 Feb 2023 16:21

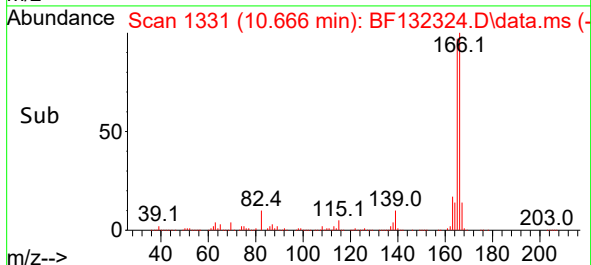
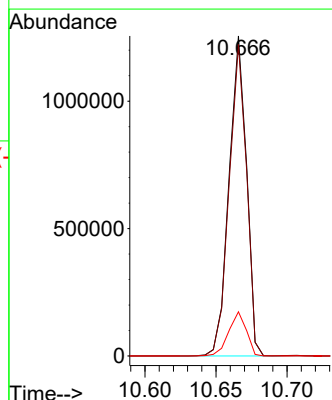
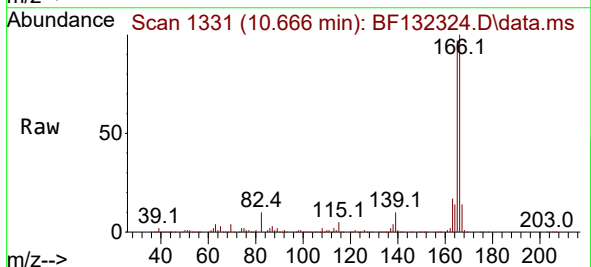
Instrument :
BNA_F
ClientSampleId :
PB150669BSD

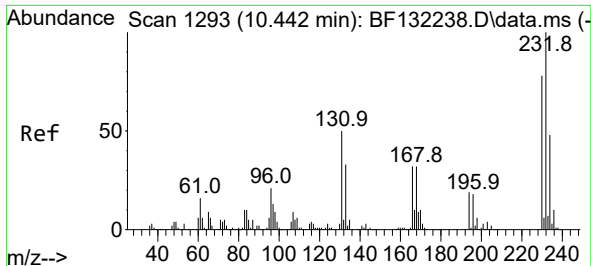
Tgt Ion:165 Resp: 373065
Ion Ratio Lower Upper
165 100
63 35.0 30.9 46.3
89 70.4 60.1 90.1
182 2.4 1.9 2.9



#58
Fluorene
Concen: 40.508 ng
RT: 10.666 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BF132324.D
Acq: 03 Feb 2023 16:21

Tgt Ion:166 Resp: 1071977
Ion Ratio Lower Upper
166 100
165 97.3 78.0 117.0
167 13.8 10.8 16.2

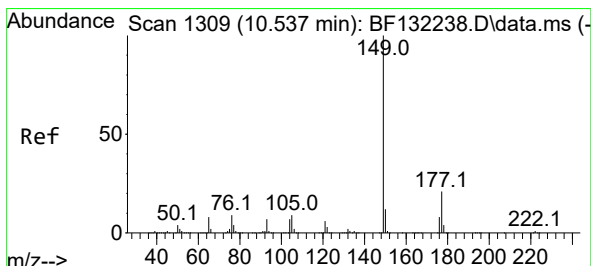
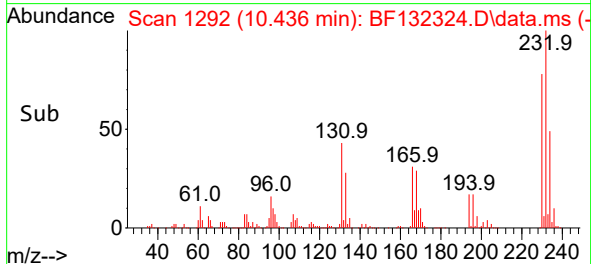
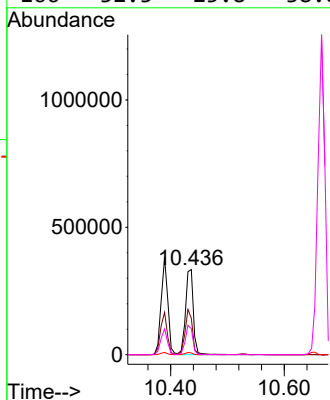
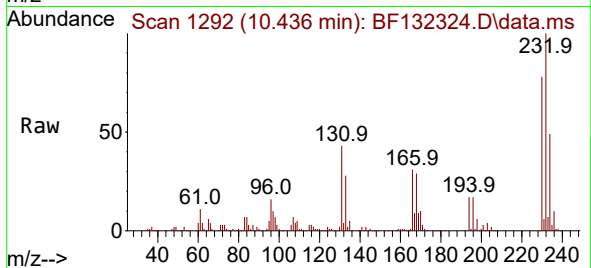




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.836 ng
RT: 10.436 min Scan# 1307
Delta R.T. 0.006 min
Lab File: BF132324.D
Acq: 03 Feb 2023 16:21

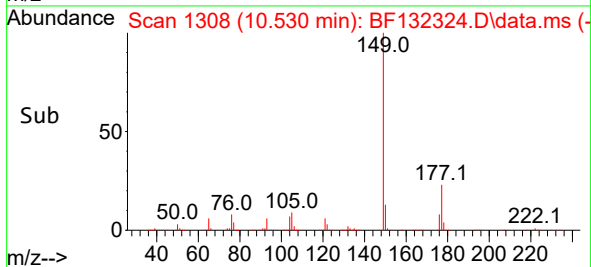
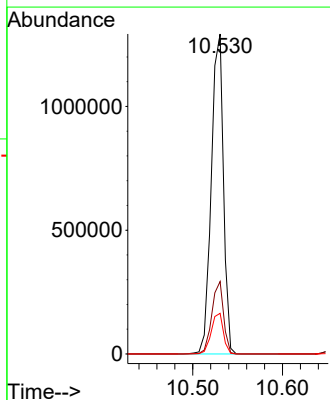
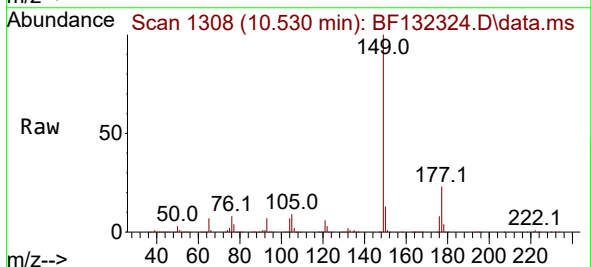
Instrument :
BNA_F
ClientSampleId :
PB150669BSD

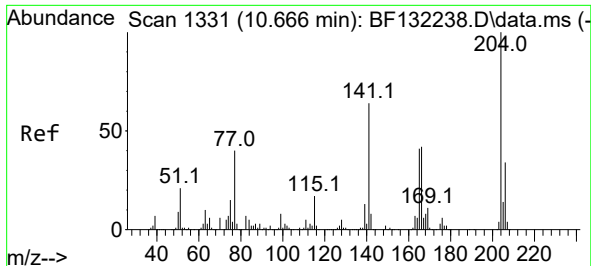
Tgt Ion:232 Resp: 315587
Ion Ratio Lower Upper
232 100
131 48.6 40.6 61.0
130 2.4 1.9 2.9
166 32.3 25.8 38.8



#60
Diethylphthalate
Concen: 42.719 ng
RT: 10.530 min Scan# 1308
Delta R.T. 0.006 min
Lab File: BF132324.D
Acq: 03 Feb 2023 16:21

Tgt Ion:149 Resp: 1212599
Ion Ratio Lower Upper
149 100
177 22.6 17.1 25.7
150 12.7 9.9 14.9

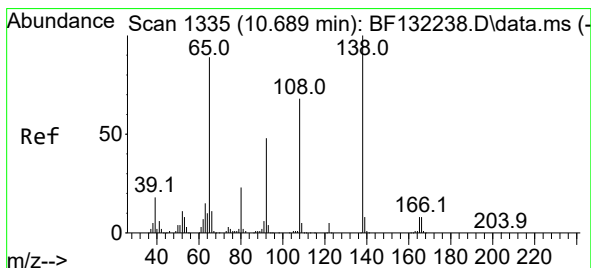
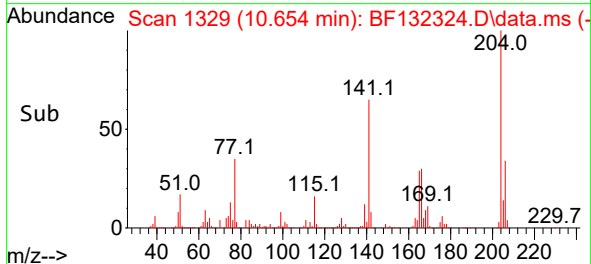
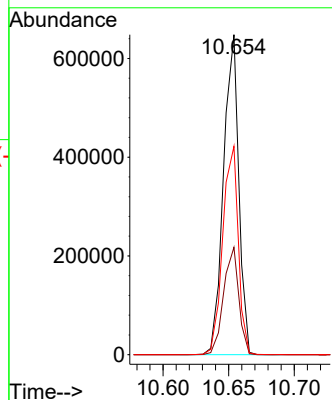
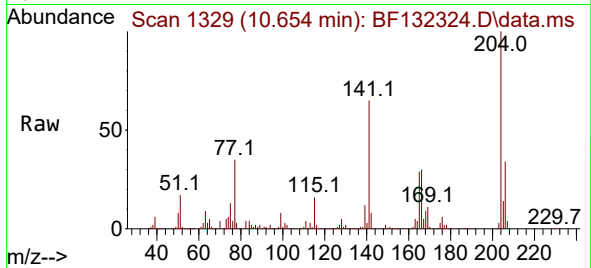




#61
4-Chlorophenyl-phenylether
Concen: 41.614 ng
RT: 10.654 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132324.D
Acq: 03 Feb 2023 16:21

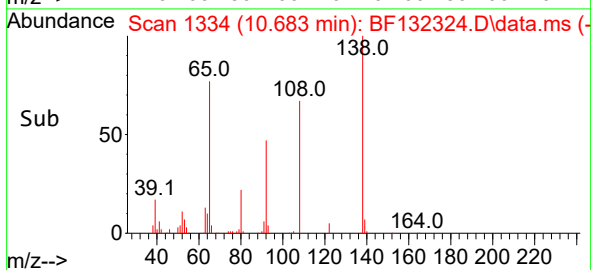
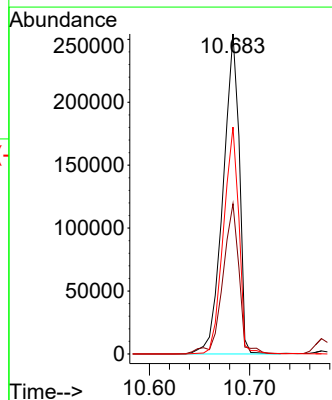
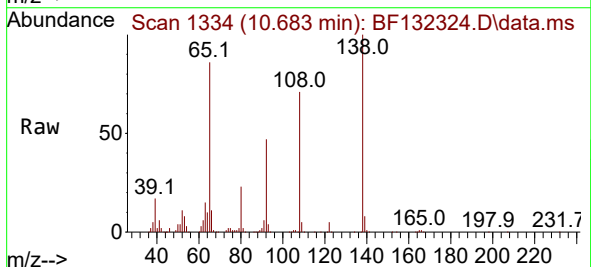
Instrument :
BNA_F
ClientSampleId :
PB150669BSD

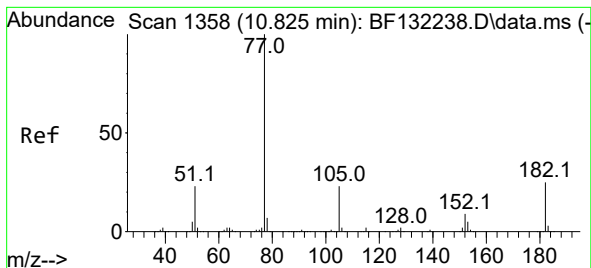
Tgt Ion:204 Resp: 522637
Ion Ratio Lower Upper
204 100
206 33.5 26.8 40.2
141 65.1 51.4 77.0



#62
4-Nitroaniline
Concen: 38.303 ng
RT: 10.683 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF132324.D
Acq: 03 Feb 2023 16:21

Tgt Ion:138 Resp: 283855
Ion Ratio Lower Upper
138 100
92 46.9 27.7 67.7
108 70.9 48.5 88.5





#63

Azobenzene

Concen: 36.875 ng

RT: 10.813 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132324.D

Acq: 03 Feb 2023 16:21

Instrument :

BNA_F

ClientSampleId :

PB150669BSD

Tgt Ion: 77 Resp: 1019557

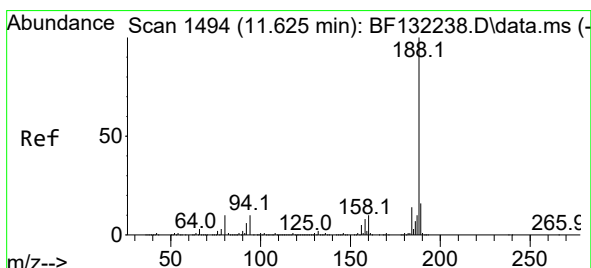
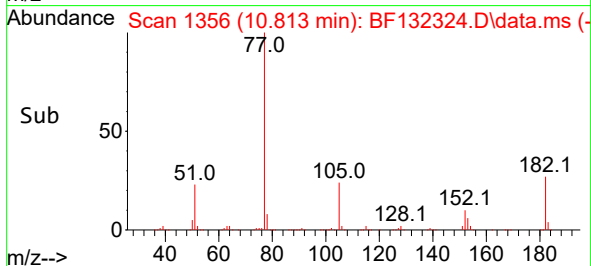
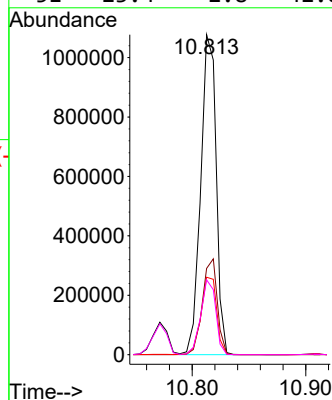
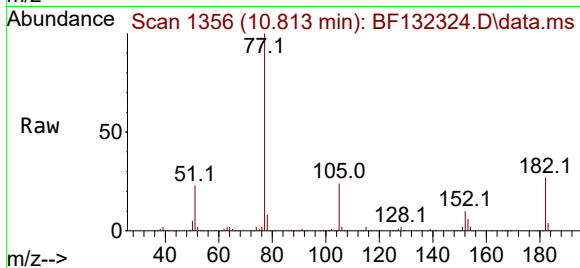
Ion Ratio Lower Upper

77 100

182 27.0 4.5 44.5

105 24.2 2.7 42.7

51 23.4 2.8 42.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.613 min Scan# 1492

Delta R.T. 0.000 min

Lab File: BF132324.D

Acq: 03 Feb 2023 16:21

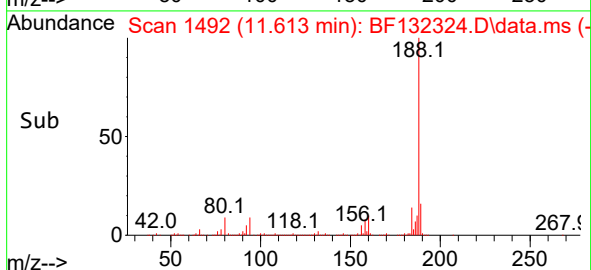
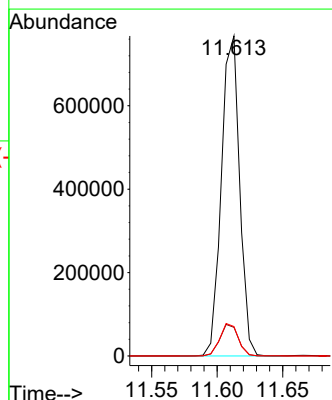
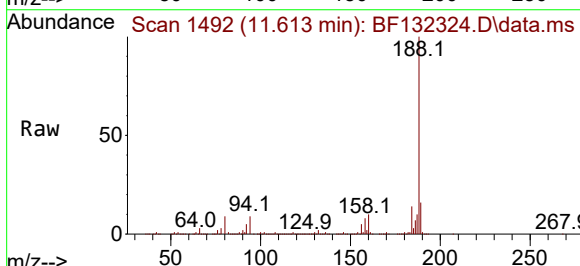
Tgt Ion: 188 Resp: 741604

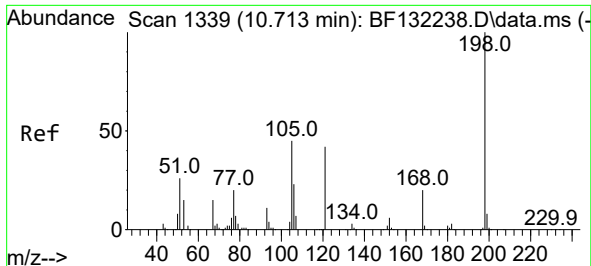
Ion Ratio Lower Upper

188 100

94 8.9 8.2 12.2

80 9.2 8.3 12.5

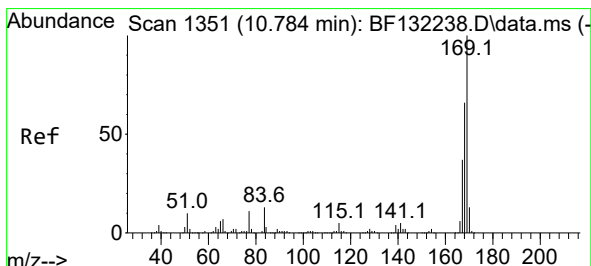
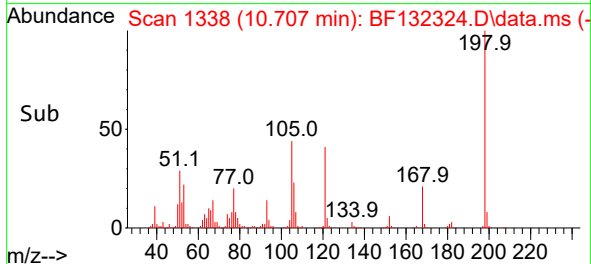
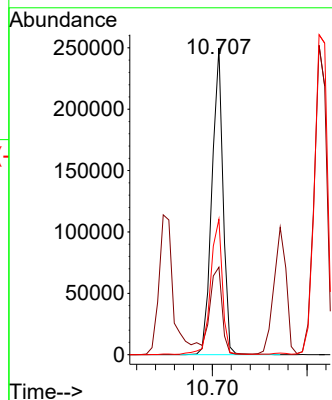
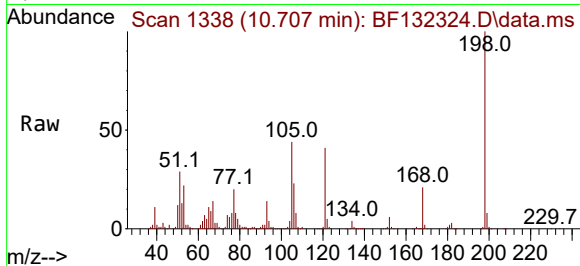




#65
4,6-Dinitro-2-methylphenol
Concen: 48.227 ng
RT: 10.707 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF132324.D
Acq: 03 Feb 2023 16:21

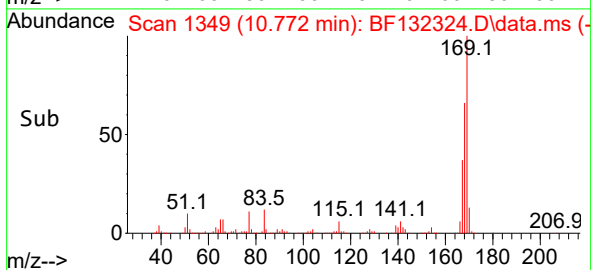
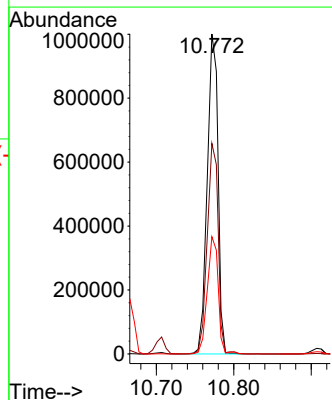
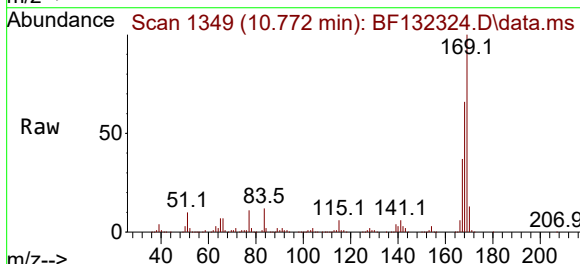
Instrument :
BNA_F
ClientSampleId :
PB150669BSD

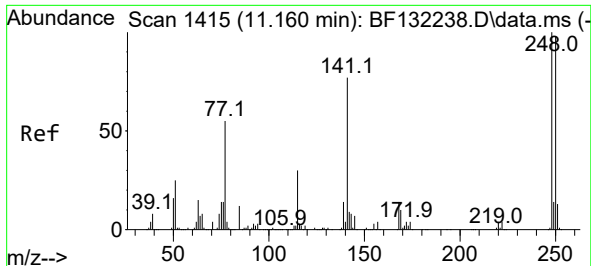
Tgt Ion:198 Resp: 202991
Ion Ratio Lower Upper
198 100
51 28.5 13.1 53.1
105 44.1 26.0 66.0



#66
n-Nitrosodiphenylamine
Concen: 41.535 ng
RT: 10.772 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BF132324.D
Acq: 03 Feb 2023 16:21

Tgt Ion:169 Resp: 964531
Ion Ratio Lower Upper
169 100
168 65.8 52.6 79.0
167 36.7 29.5 44.3

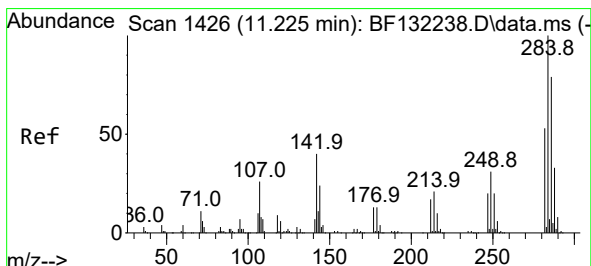
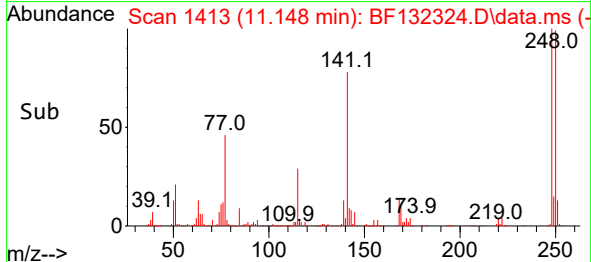
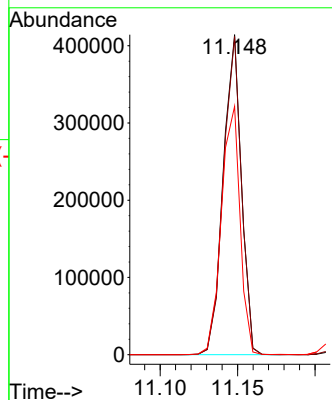
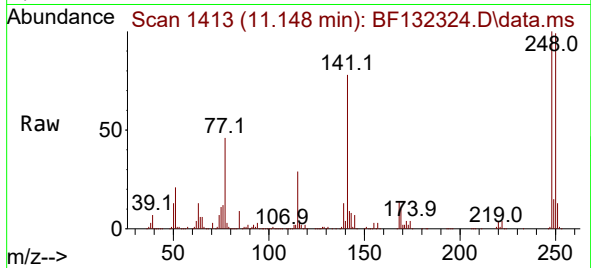




#67
4-Bromophenyl-phenylether
Concen: 44.539 ng
RT: 11.148 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF132324.D
Acq: 03 Feb 2023 16:21

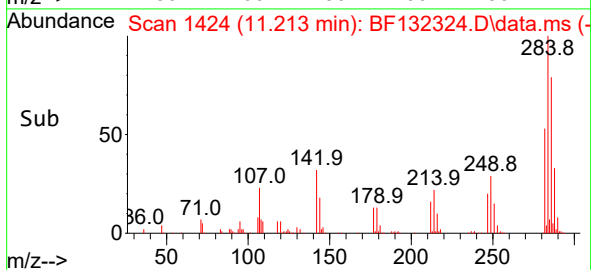
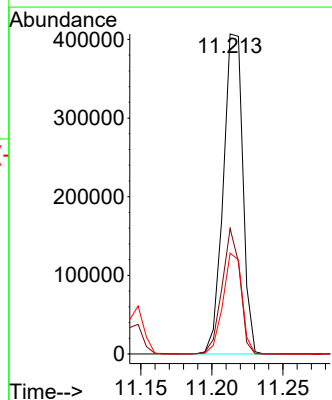
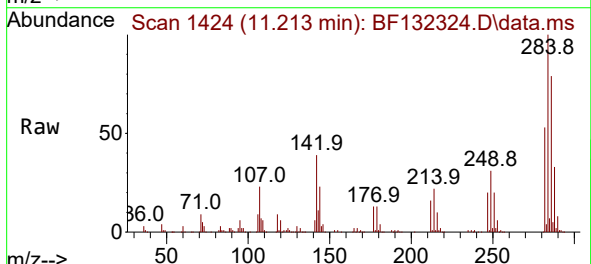
Instrument :
BNA_F
ClientSampleId :
PB150669BSD

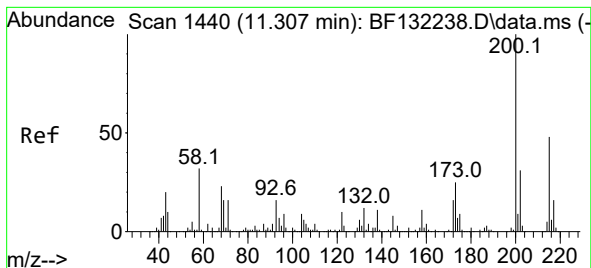
Tgt Ion:248 Resp: 338230
Ion Ratio Lower Upper
248 100
250 99.4 78.6 117.8
141 77.6 61.6 92.4



#68
Hexachlorobenzene
Concen: 47.987 ng
RT: 11.213 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF132324.D
Acq: 03 Feb 2023 16:21

Tgt Ion:284 Resp: 389495
Ion Ratio Lower Upper
284 100
142 39.2 32.2 48.4
249 31.5 25.0 37.6





#69

Atrazine

Concen: 49.203 ng

RT: 11.295 min Scan# 1438

Delta R.T. 0.000 min

Lab File: BF132324.D

Acq: 03 Feb 2023 16:21

Instrument :

BNA_F

ClientSampleId :

PB150669BSD

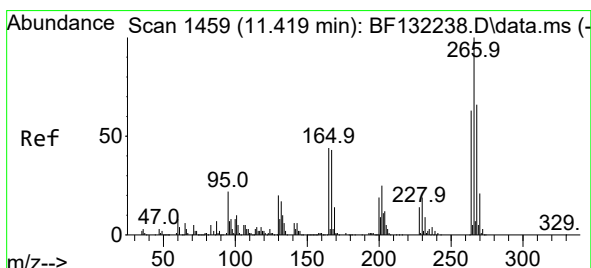
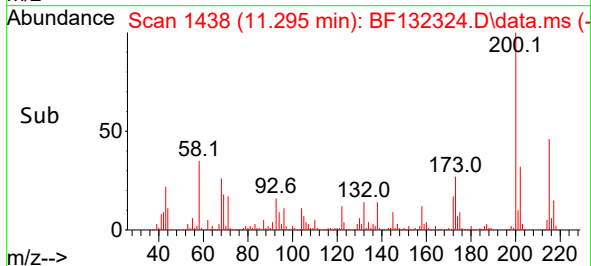
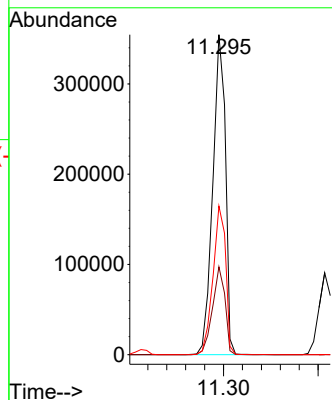
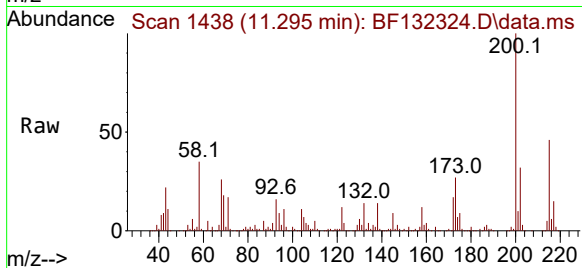
Tgt Ion:200 Resp: 328653

Ion Ratio Lower Upper

200 100

173 27.5 5.1 45.1

215 46.4 27.6 67.6



#70

Pentachlorophenol

Concen: 77.789 ng

RT: 11.407 min Scan# 1457

Delta R.T. 0.000 min

Lab File: BF132324.D

Acq: 03 Feb 2023 16:21

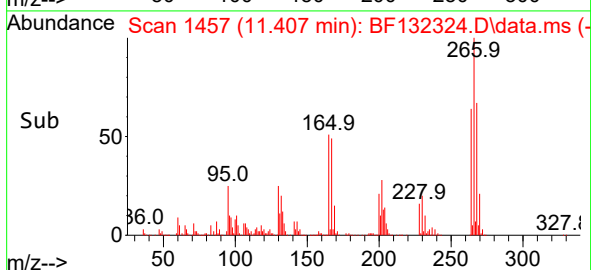
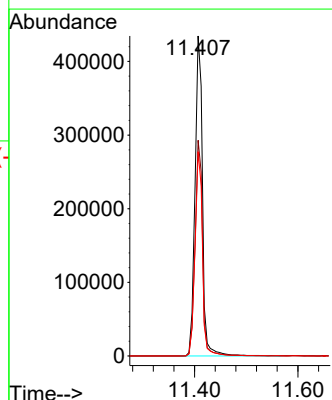
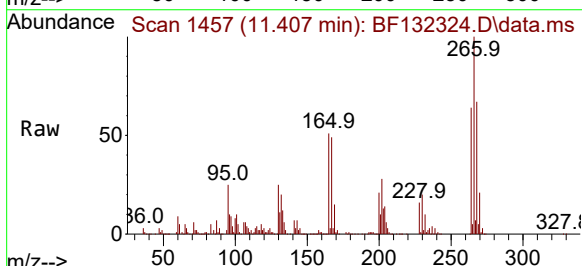
Tgt Ion:266 Resp: 433821

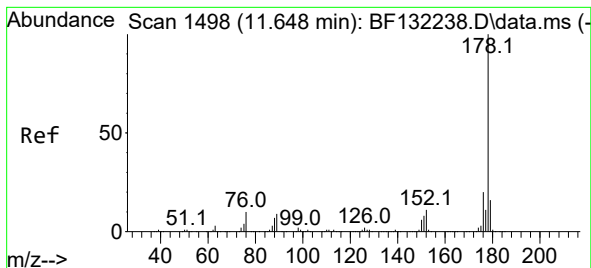
Ion Ratio Lower Upper

266 100

268 67.4 53.0 79.4

264 63.9 50.5 75.7





#71

Phenanthrene

Concen: 40.789 ng

RT: 11.636 min Scan# 1498

Delta R.T. 0.000 min

Lab File: BF132324.D

Acq: 03 Feb 2023 16:21

Instrument :

BNA_F

ClientSampleId :

PB150669BSD

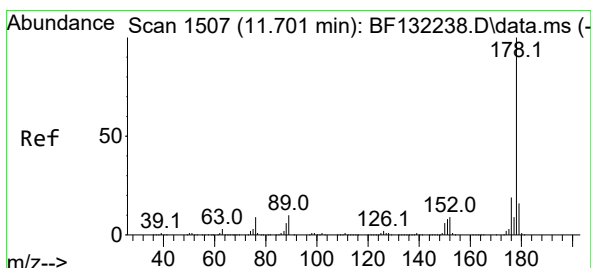
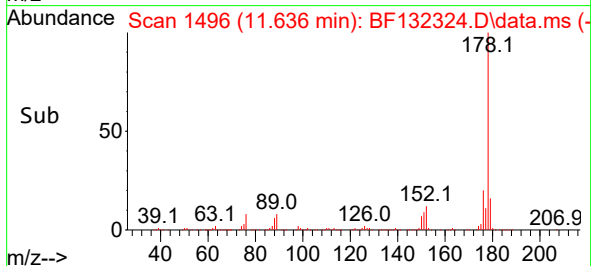
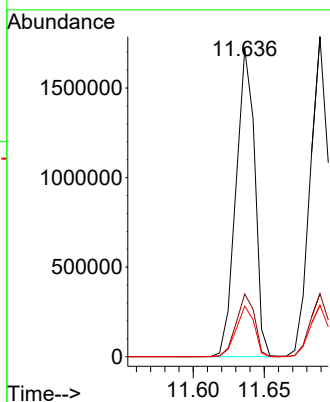
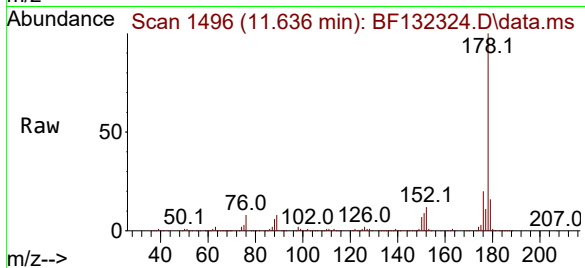
Tgt Ion:178 Resp: 1580712

Ion Ratio Lower Upper

178 100

176 20.4 16.2 24.4

179 16.4 12.8 19.2



#72

Anthracene

Concen: 40.202 ng

RT: 11.689 min Scan# 1505

Delta R.T. 0.000 min

Lab File: BF132324.D

Acq: 03 Feb 2023 16:21

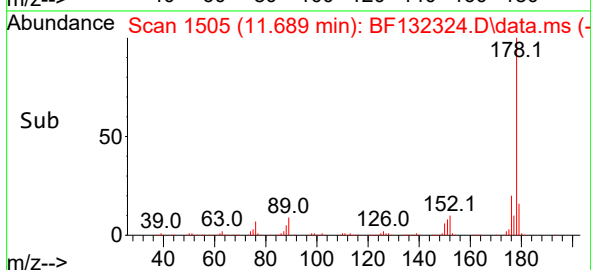
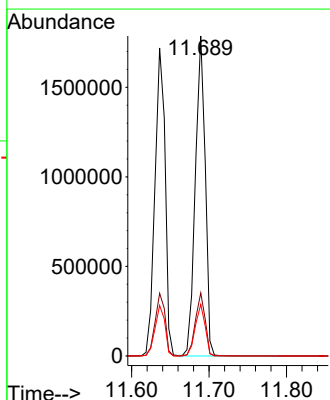
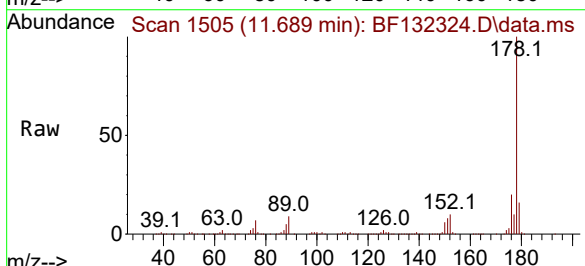
Tgt Ion:178 Resp: 1585492

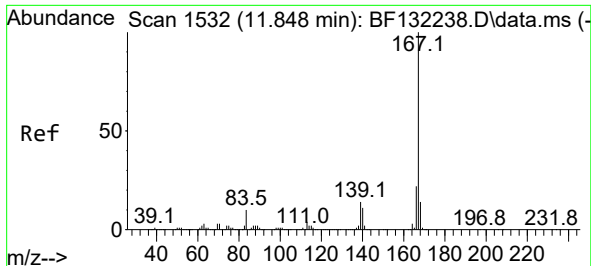
Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.2

179 16.1 12.8 19.2

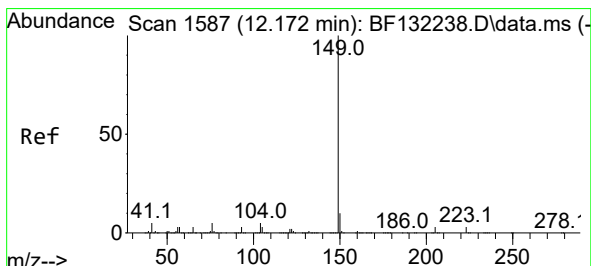
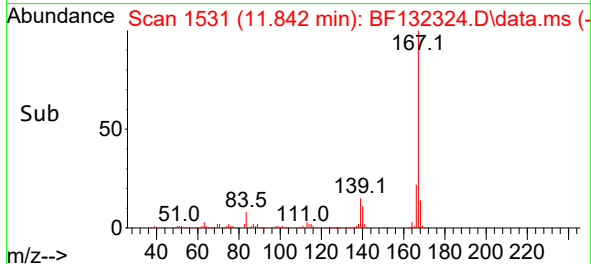
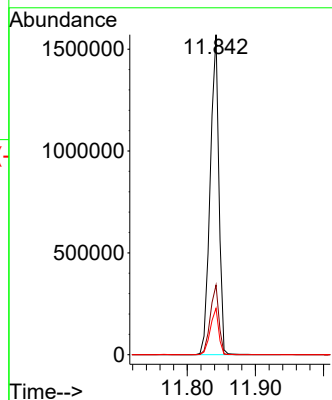
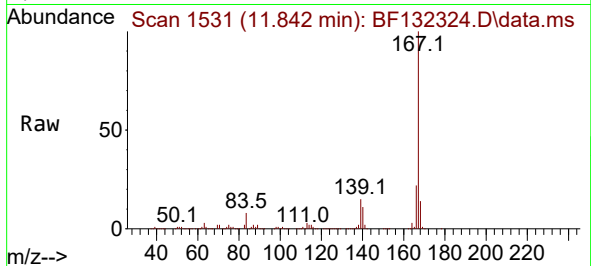




#73
 Carbazole
 Concen: 39.430 ng
 RT: 11.842 min Scan# 1532
 Delta R.T. 0.000 min
 Lab File: BF132324.D
 Acq: 03 Feb 2023 16:21

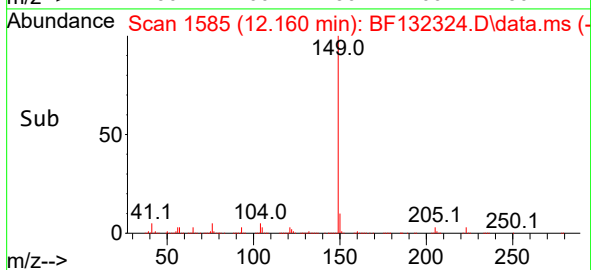
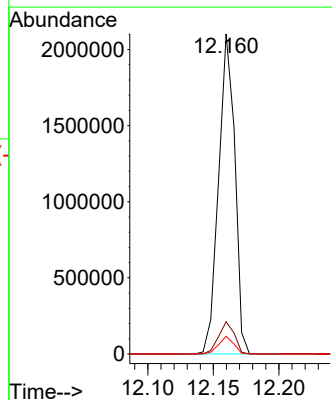
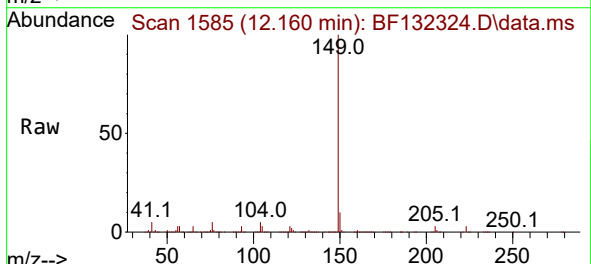
Instrument :
 BNA_F
 ClientSampleId :
 PB150669BSD

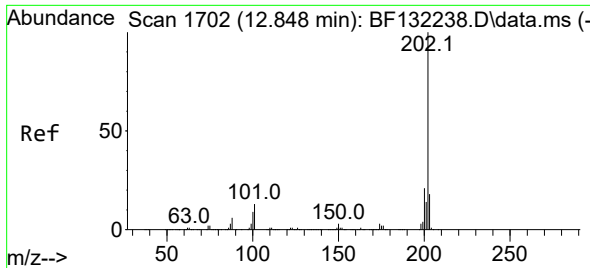
Tgt Ion:167 Resp: 1394358
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.0
 139 14.5 11.4 17.2



#74
 Di-n-butylphthalate
 Concen: 43.164 ng
 RT: 12.160 min Scan# 1585
 Delta R.T. 0.000 min
 Lab File: BF132324.D
 Acq: 03 Feb 2023 16:21

Tgt Ion:149 Resp: 1804542
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.8 11.8
 104 5.5 4.3 6.5

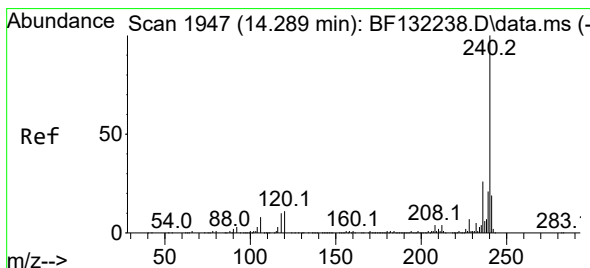
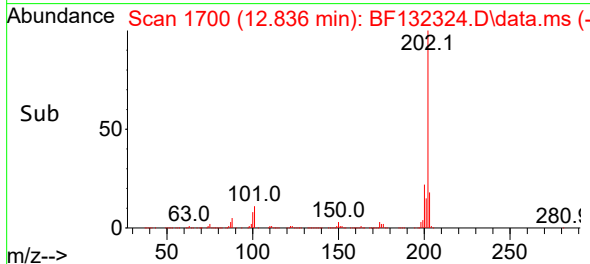
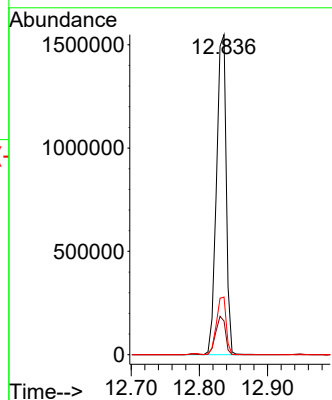
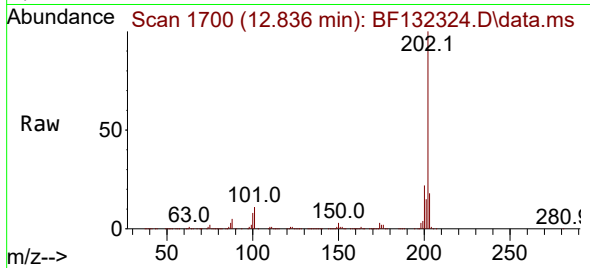




#75
Fluoranthene
Concen: 38.923 ng
RT: 12.836 min Scan# 1700
Delta R.T. 0.000 min
Lab File: BF132324.D
Acq: 03 Feb 2023 16:21

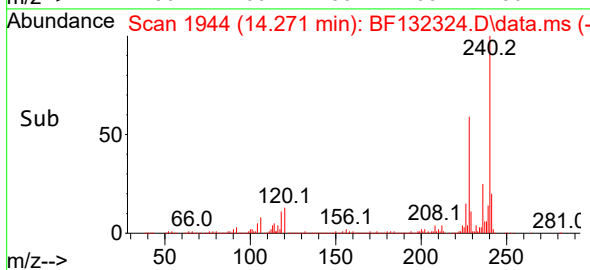
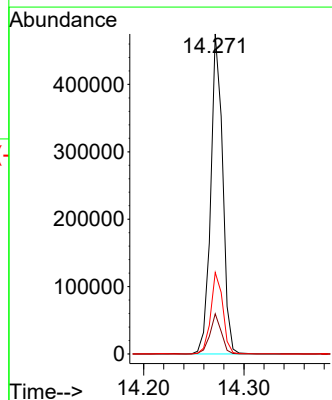
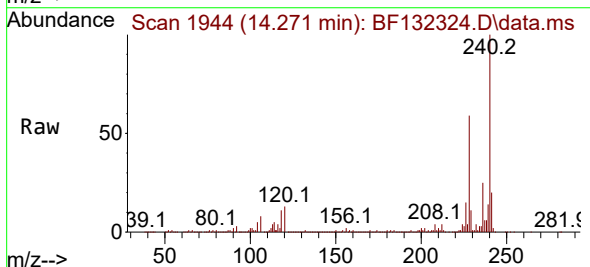
Instrument :
BNA_F
ClientSampleId :
PB150669BSD

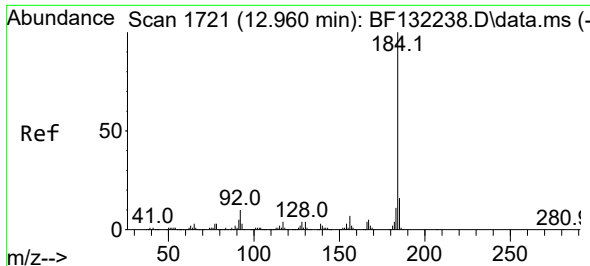
Tgt Ion:202 Resp: 1539283
Ion Ratio Lower Upper
202 100
101 10.5 0.0 32.7
203 18.0 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.271 min Scan# 1944
Delta R.T. 0.000 min
Lab File: BF132324.D
Acq: 03 Feb 2023 16:21

Tgt Ion:240 Resp: 392268
Ion Ratio Lower Upper
240 100
120 12.5 8.8 13.2
236 25.5 21.0 31.6

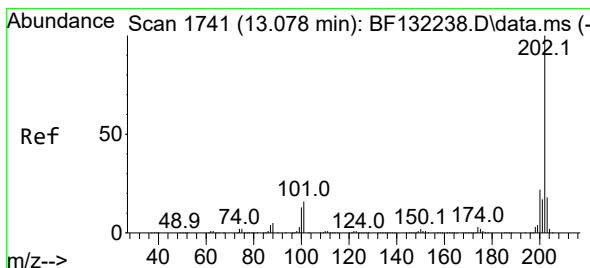
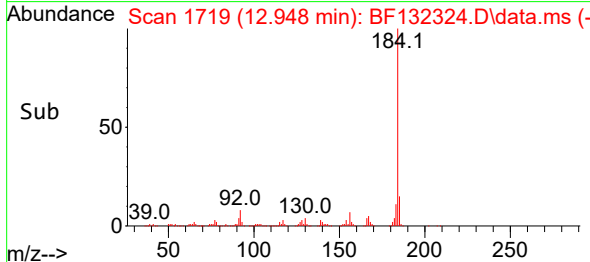
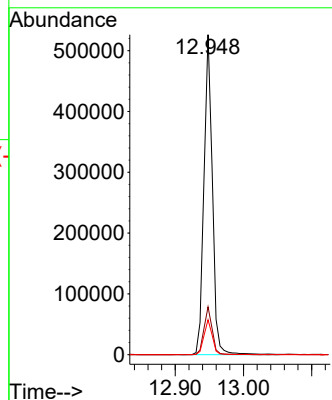
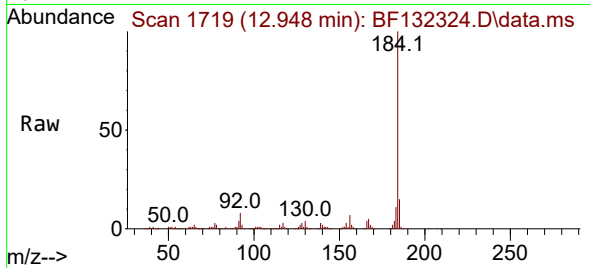




#77
Benzidine
Concen: 33.111 ng
RT: 12.948 min Scan# 1719
Delta R.T. 0.000 min
Lab File: BF132324.D
Acq: 03 Feb 2023 16:21

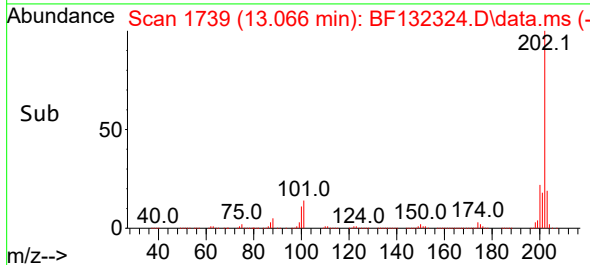
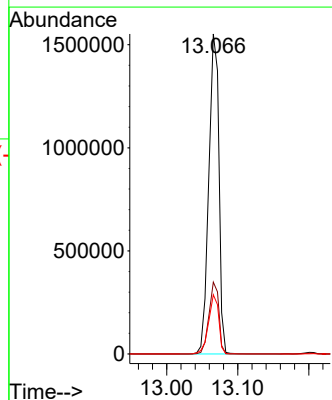
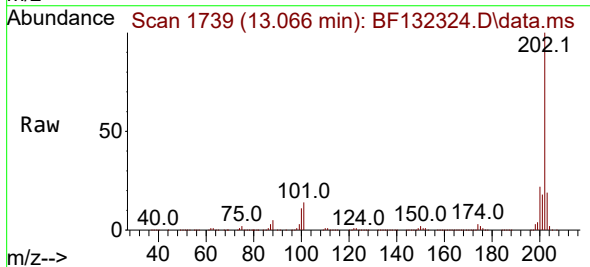
Instrument :
BNA_F
ClientSampleId :
PB150669BSD

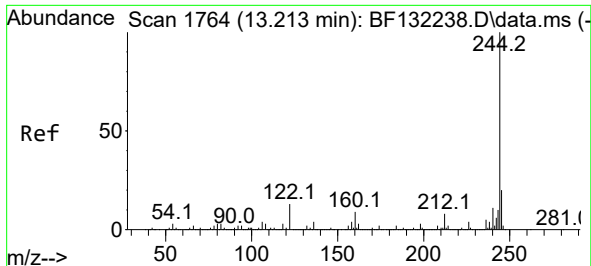
Tgt Ion:184 Resp: 454093
Ion Ratio Lower Upper
184 100
185 15.0 12.6 18.8
183 10.9 8.9 13.3



#78
Pyrene
Concen: 48.909 ng
RT: 13.066 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BF132324.D
Acq: 03 Feb 2023 16:21

Tgt Ion:202 Resp: 1543114
Ion Ratio Lower Upper
202 100
200 22.5 17.3 25.9
203 18.5 14.4 21.6

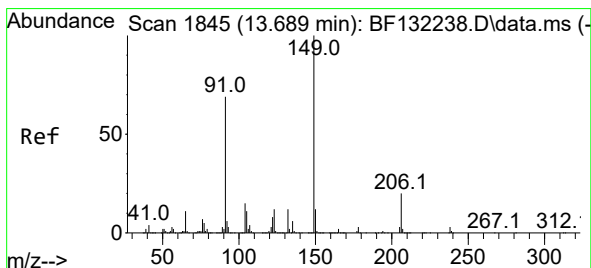
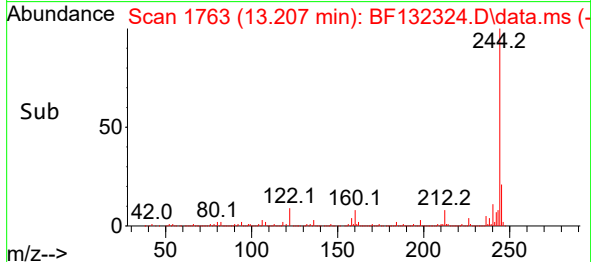
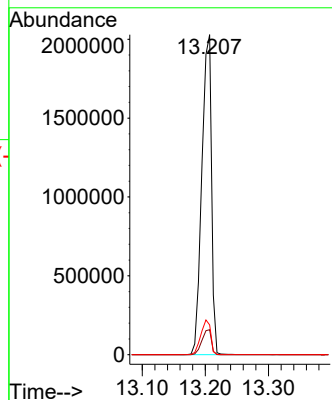
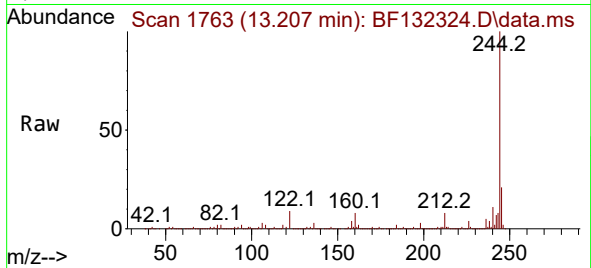




#79
Terphenyl-d14
Concen: 106.368 ng
RT: 13.207 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF132324.D
Acq: 03 Feb 2023 16:21

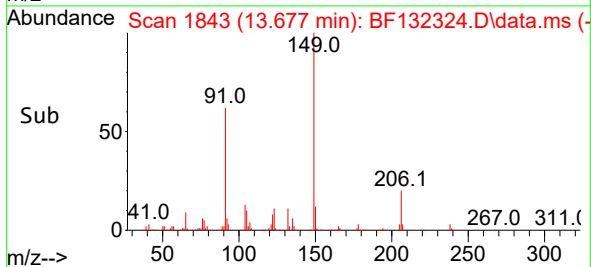
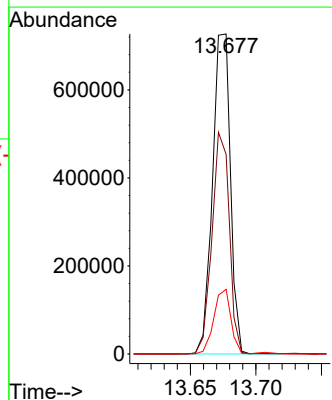
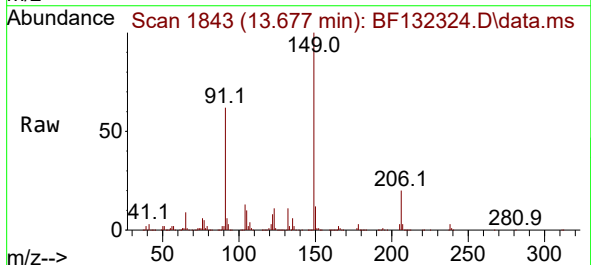
Instrument :
BNA_F
ClientSampleId :
PB150669BSD

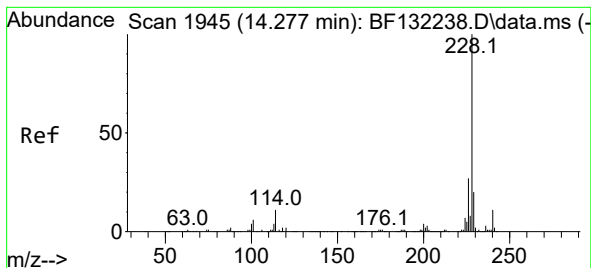
Tgt Ion:244 Resp: 2156986
Ion Ratio Lower Upper
244 100
212 7.8 6.4 9.6
122 9.3 10.5 15.7#



#80
Butylbenzylphthalate
Concen: 49.641 ng
RT: 13.677 min Scan# 1843
Delta R.T. 0.000 min
Lab File: BF132324.D
Acq: 03 Feb 2023 16:21

Tgt Ion:149 Resp: 691964
Ion Ratio Lower Upper
149 100
91 62.4 55.0 82.6
206 20.2 15.9 23.9





#81

Benzo(a)anthracene

Concen: 42.256 ng

RT: 14.260 min Scan# 1942

Delta R.T. 0.000 min

Lab File: BF132324.D

Acq: 03 Feb 2023 16:21

Instrument :

BNA_F

ClientSampleId :

PB150669BSD

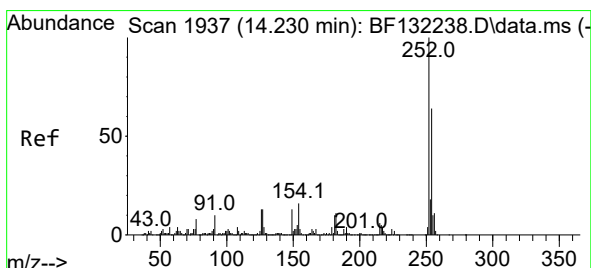
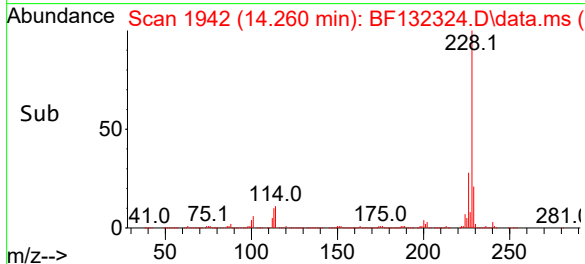
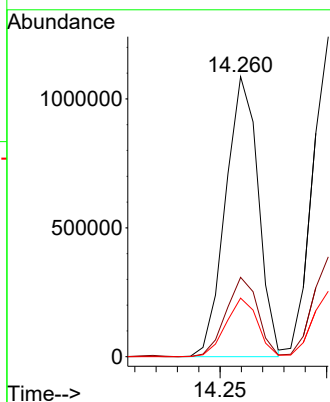
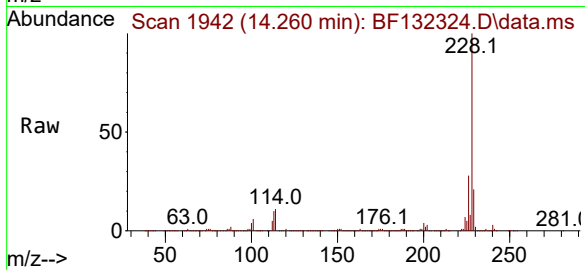
Tgt Ion:228 Resp: 1159317

Ion Ratio Lower Upper

228 100

226 28.4 22.0 33.0

229 20.9 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 27.053 ng

RT: 14.218 min Scan# 1935

Delta R.T. 0.000 min

Lab File: BF132324.D

Acq: 03 Feb 2023 16:21

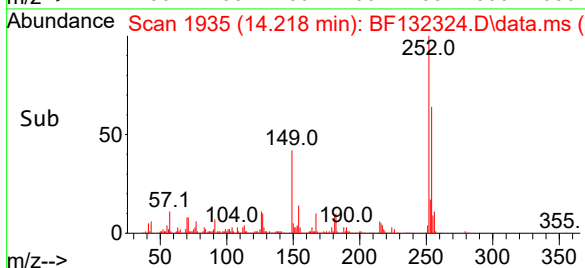
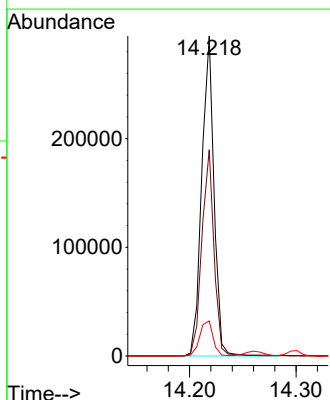
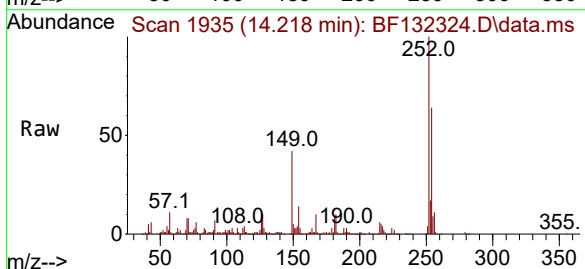
Tgt Ion:252 Resp: 236402

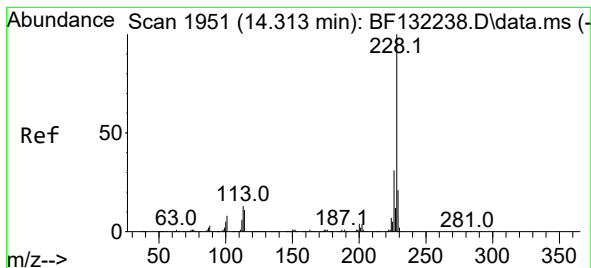
Ion Ratio Lower Upper

252 100

254 64.5 51.6 77.4

126 10.9 10.5 15.7





#83

Chrysene

Concen: 41.572 ng

RT: 14.301 min Scan# 1949

Delta R.T. 0.000 min

Lab File: BF132324.D

Acq: 03 Feb 2023 16:21

Instrument :

BNA_F

ClientSampleId :

PB150669BSD

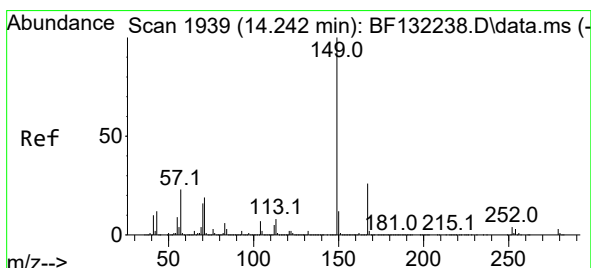
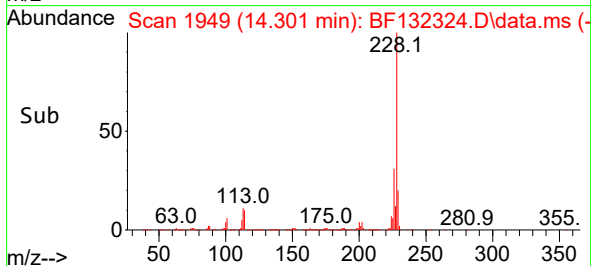
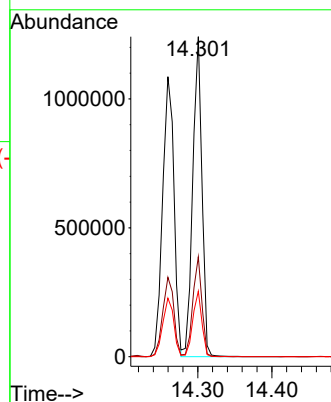
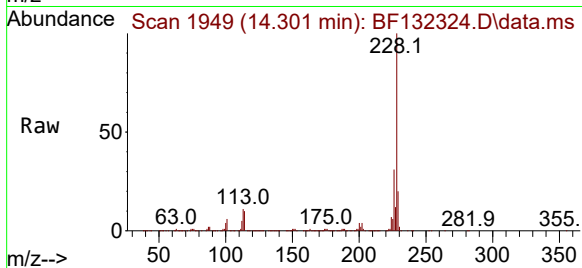
Tgt Ion:228 Resp: 1067988

Ion Ratio Lower Upper

228 100

226 31.2 24.9 37.3

229 20.4 16.4 24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.631 ng

RT: 14.230 min Scan# 1937

Delta R.T. 0.000 min

Lab File: BF132324.D

Acq: 03 Feb 2023 16:21

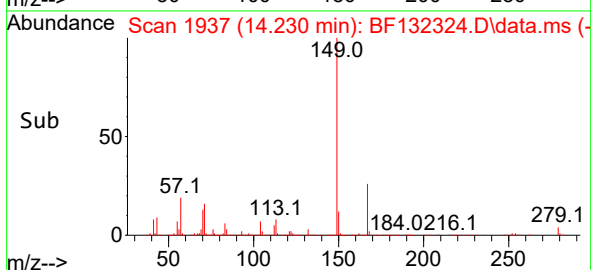
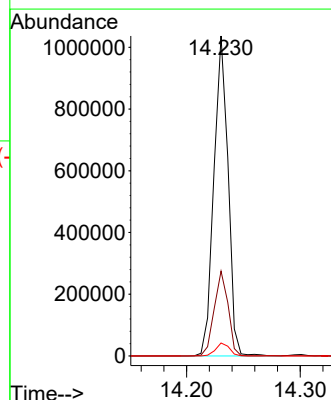
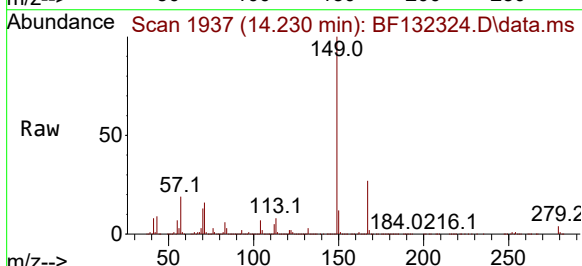
Tgt Ion:149 Resp: 897437

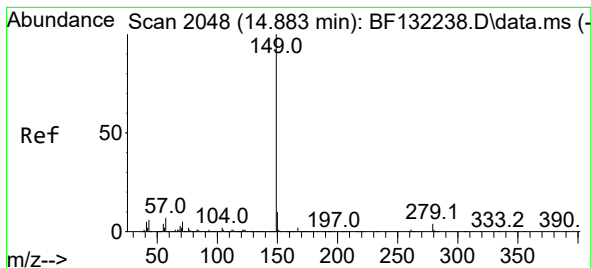
Ion Ratio Lower Upper

149 100

167 26.5 20.7 31.1

279 4.1 2.7 4.1

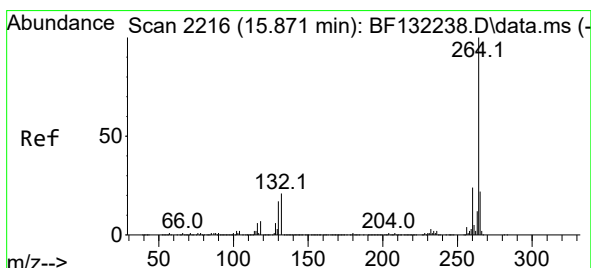
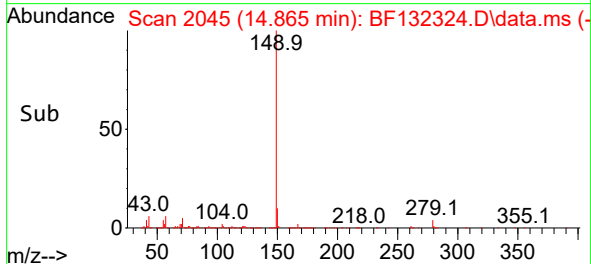
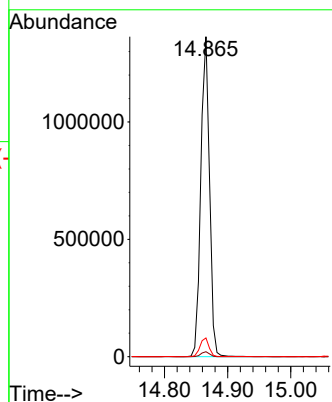
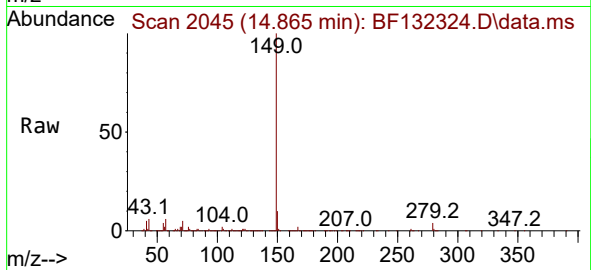




#85
Di-n-octyl phthalate
Concen: 42.115 ng
RT: 14.865 min Scan# 2045
Delta R.T. 0.000 min
Lab File: BF132324.D
Acq: 03 Feb 2023 16:21

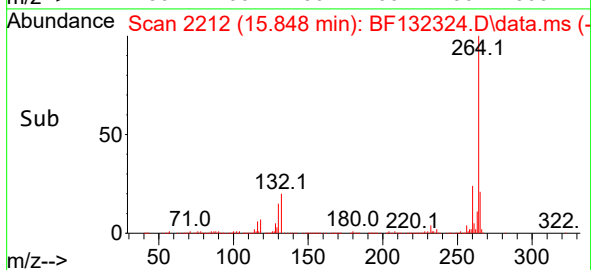
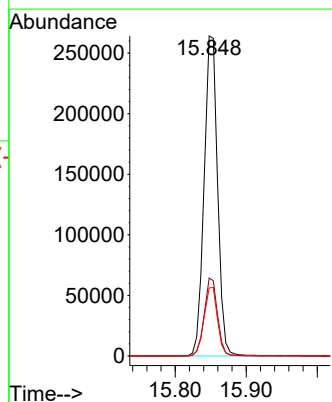
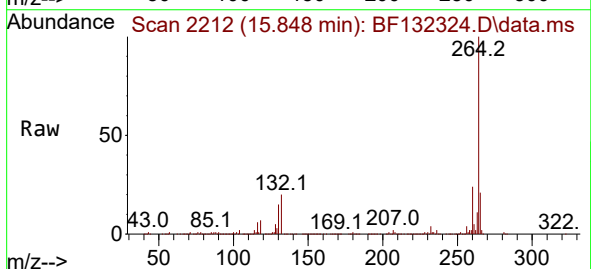
Instrument :
BNA_F
ClientSampleId :
PB150669BSD

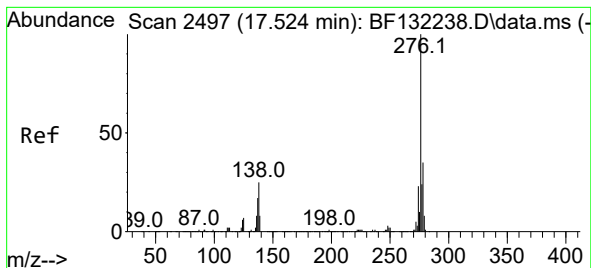
Tgt Ion:149 Resp: 1294266
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 6.1 5.9 8.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.848 min Scan# 2212
Delta R.T. -0.006 min
Lab File: BF132324.D
Acq: 03 Feb 2023 16:21

Tgt Ion:264 Resp: 349605
Ion Ratio Lower Upper
264 100
260 24.3 19.0 28.4
265 21.2 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.051 ng

RT: 17.495 min Scan# 2497

Delta R.T. -0.006 min

Lab File: BF132324.D

Acq: 03 Feb 2023 16:21

Instrument :

BNA_F

ClientSampleId :

PB150669BSD

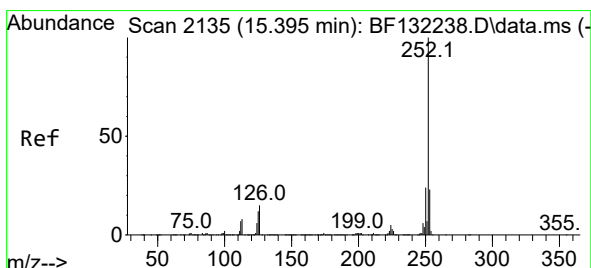
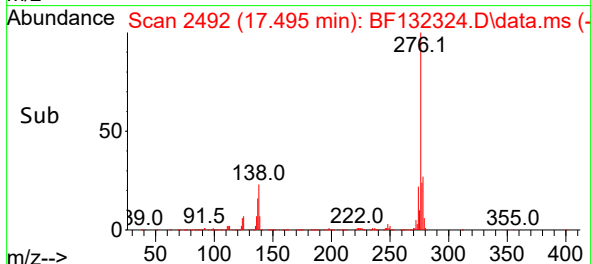
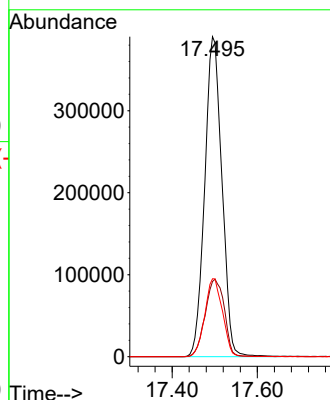
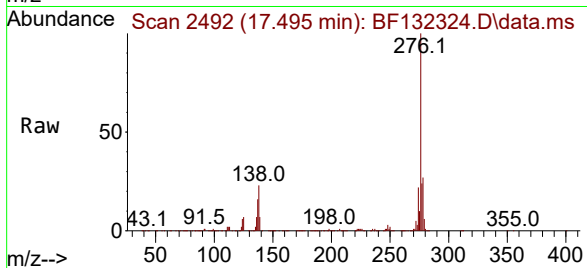
Tgt Ion:276 Resp: 1093001

Ion Ratio Lower Upper

276 100

138 27.0 23.3 34.9

277 25.0 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 46.879 ng

RT: 15.377 min Scan# 2132

Delta R.T. 0.000 min

Lab File: BF132324.D

Acq: 03 Feb 2023 16:21

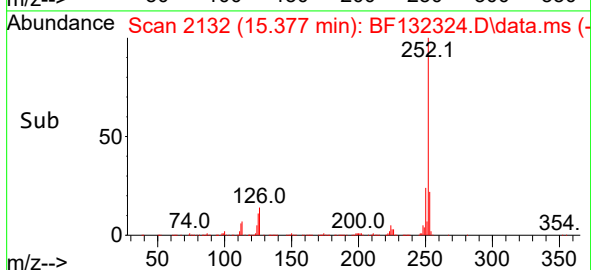
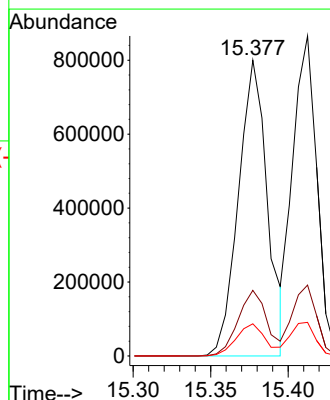
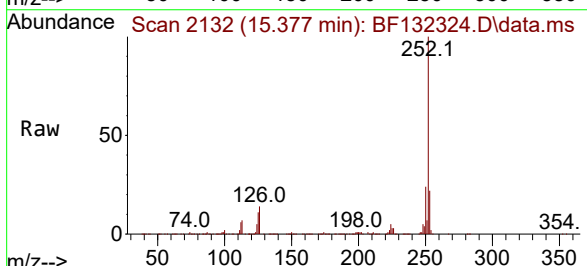
Tgt Ion:252 Resp: 1041760

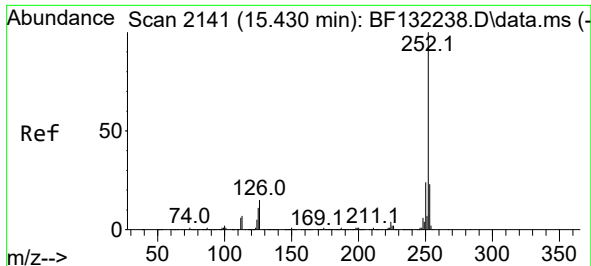
Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

125 10.9 9.6 14.4

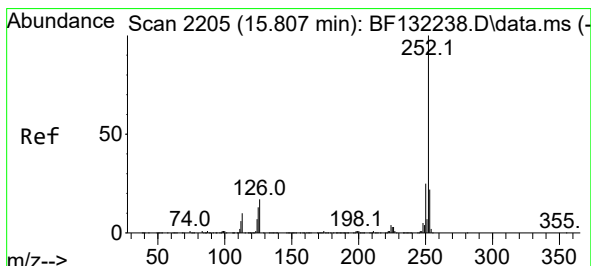
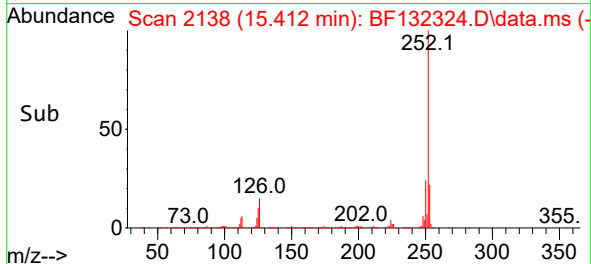
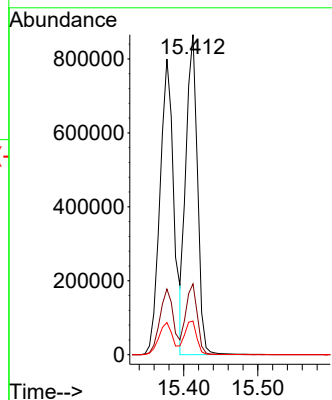
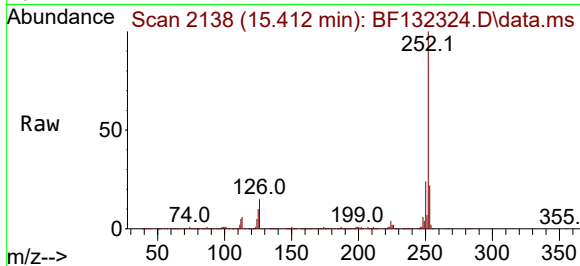




#89
Benzo(k)fluoranthene
Concen: 44.441 ng
RT: 15.412 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BF132324.D
Acq: 03 Feb 2023 16:21

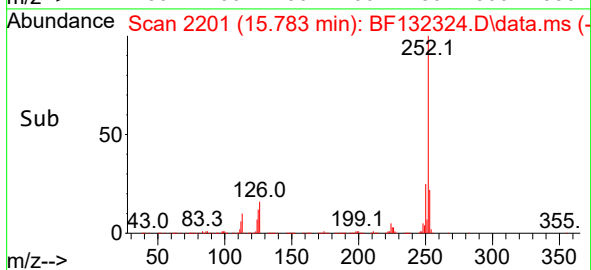
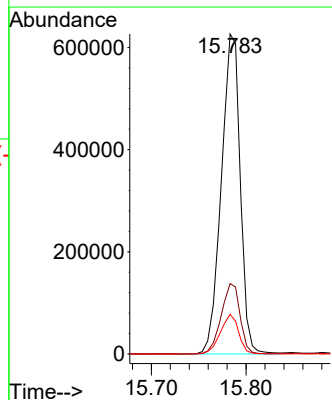
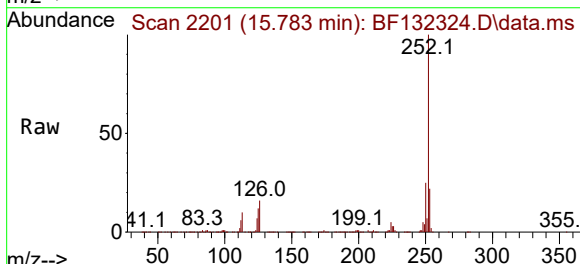
Instrument :
BNA_F
ClientSampleId :
PB150669BSD

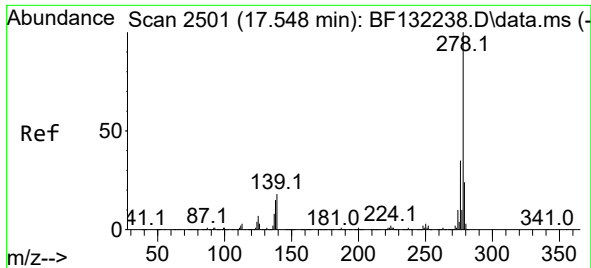
Tgt Ion:252 Resp: 942677
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.2
125 10.5 9.0 13.6



#90
Benzo(a)pyrene
Concen: 42.074 ng
RT: 15.783 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BF132324.D
Acq: 03 Feb 2023 16:21

Tgt Ion:252 Resp: 870657
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 12.4 10.2 15.4

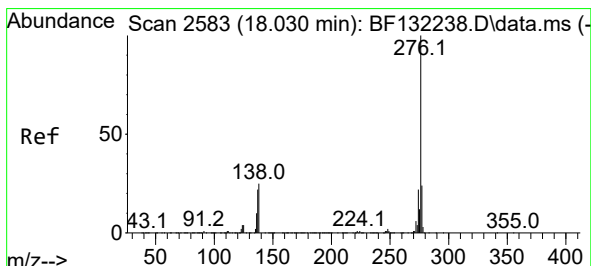
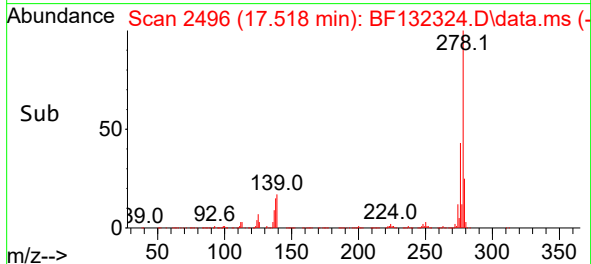
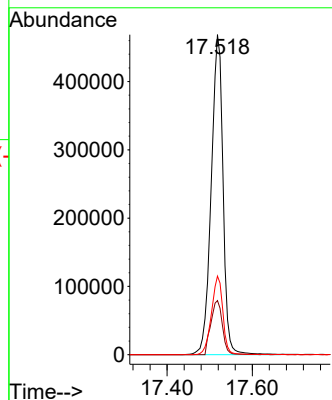
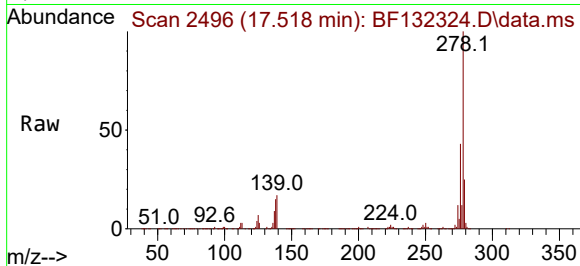




#91
Dibenzo(a,h)anthracene
Concen: 48.276 ng
RT: 17.518 min Scan# 24
Delta R.T. 0.000 min
Lab File: BF132324.D
Acq: 03 Feb 2023 16:21

Instrument :
BNA_F
ClientSampleId :
PB150669BSD

Tgt Ion:278 Resp: 901630
Ion Ratio Lower Upper
278 100
139 16.9 14.2 21.2
279 24.5 19.6 29.4



#92
Benzo(g,h,i)perylene
Concen: 45.902 ng
RT: 18.001 min Scan# 2578
Delta R.T. -0.006 min
Lab File: BF132324.D
Acq: 03 Feb 2023 16:21

Tgt Ion:276 Resp: 885670
Ion Ratio Lower Upper
276 100
277 23.9 19.4 29.2
138 24.1 20.3 30.5

