

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020723\
 Data File : BF132344.D
 Acq On : 07 Feb 2023 14:55
 Operator : CG\JU
 Sample : 01442-01MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-01-SB02MS

Quant Time: Feb 08 03:57:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 07 04:05:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.048	152	168363	20.000	ng	0.00
21) Naphthalene-d8	8.337	136	643998	20.000	ng	0.00
39) Acenaphthene-d10	10.107	164	336050	20.000	ng	0.00
64) Phenanthrene-d10	11.601	188	648165	20.000	ng	0.00
76) Chrysene-d12	14.260	240	393769	20.000	ng	0.00
86) Perylene-d12	15.836	264	353776	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	1127415	107.637	ng	0.02
7) Phenol-d6	6.678	99	1383346	107.126	ng	0.00
23) Nitrobenzene-d5	7.619	82	817969	70.680	ng	0.00
42) 2,4,6-Tribromophenol	10.901	330	479260	138.682	ng	0.00
45) 2-Fluorobiphenyl	9.419	172	1513476	69.549	ng	0.00
79) Terphenyl-d14	13.195	244	1785295	87.703	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.031	88	189861	38.523	ng	# 86
3) Pyridine	3.784	79	482371	36.077	ng	95
4) n-Nitrosodimethylamine	3.737	42	161956	37.855	ng	93
6) Aniline	6.713	93	450206	25.692	ng	94
8) 2-Chlorophenol	6.837	128	524174	48.319	ng	96
9) Benzaldehyde	6.601	77	282253	38.628	ng	97
10) Phenol	6.690	94	609943	45.635	ng	97
11) bis(2-Chloroethyl)ether	6.778	93	483889	43.990	ng	96
12) 1,3-Dichlorobenzene	6.995	146	555604	48.424	ng	97
13) 1,4-Dichlorobenzene	7.072	146	554266	48.395	ng	98
14) 1,2-Dichlorobenzene	7.225	146	534176	50.012	ng	97
15) Benzyl Alcohol	7.195	79	400831	42.540	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.319	45	442886	38.215	ng	94
17) 2-Methylphenol	7.295	107	403671	42.509	ng	99
18) Hexachloroethane	7.566	117	204876	47.685	ng	98
19) n-Nitroso-di-n-propyla...	7.460	70	283821	38.694	ng	98
20) 3+4-Methylphenols	7.448	107	509943	42.074	ng	# 91
22) Acetophenone	7.460	105	642633	42.432	ng	97
24) Nitrobenzene	7.637	77	469453	39.707	ng	94
25) Isophorone	7.872	82	885754	40.325	ng	98
26) 2-Nitrophenol	7.954	139	283084	49.156	ng	# 87
27) 2,4-Dimethylphenol	7.978	122	457285	45.365	ng	100
28) bis(2-Chloroethoxy)met...	8.078	93	573638	42.497	ng	100
29) 2,4-Dichlorophenol	8.190	162	419841	46.913	ng	98
30) 1,2,4-Trichlorobenzene	8.278	180	453495	47.320	ng	97
31) Naphthalene	8.360	128	1385271	43.700	ng	99
32) Benzoic acid	8.119	122	388217	52.030	ng	92
33) 4-Chloroaniline	8.407	127	54788	3.898	ng	97
34) Hexachlorobutadiene	8.472	225	266508	49.467	ng	99
35) Caprolactam	8.819	113	47395	15.534	ng	87
36) 4-Chloro-3-methylphenol	8.878	107	451017	46.779	ng	99
37) 2-Methylnaphthalene	9.054	142	936618	43.620	ng	100
38) 1-Methylnaphthalene	9.154	142	879726	44.087	ng	100
40) 1,2,4,5-Tetrachloroben...	9.219	216	438665	46.386	ng	99
41) Hexachlorocyclopentadiene	9.207	237	533961	96.778	ng	100
43) 2,4,6-Trichlorophenol	9.331	196	320307	47.383	ng	99

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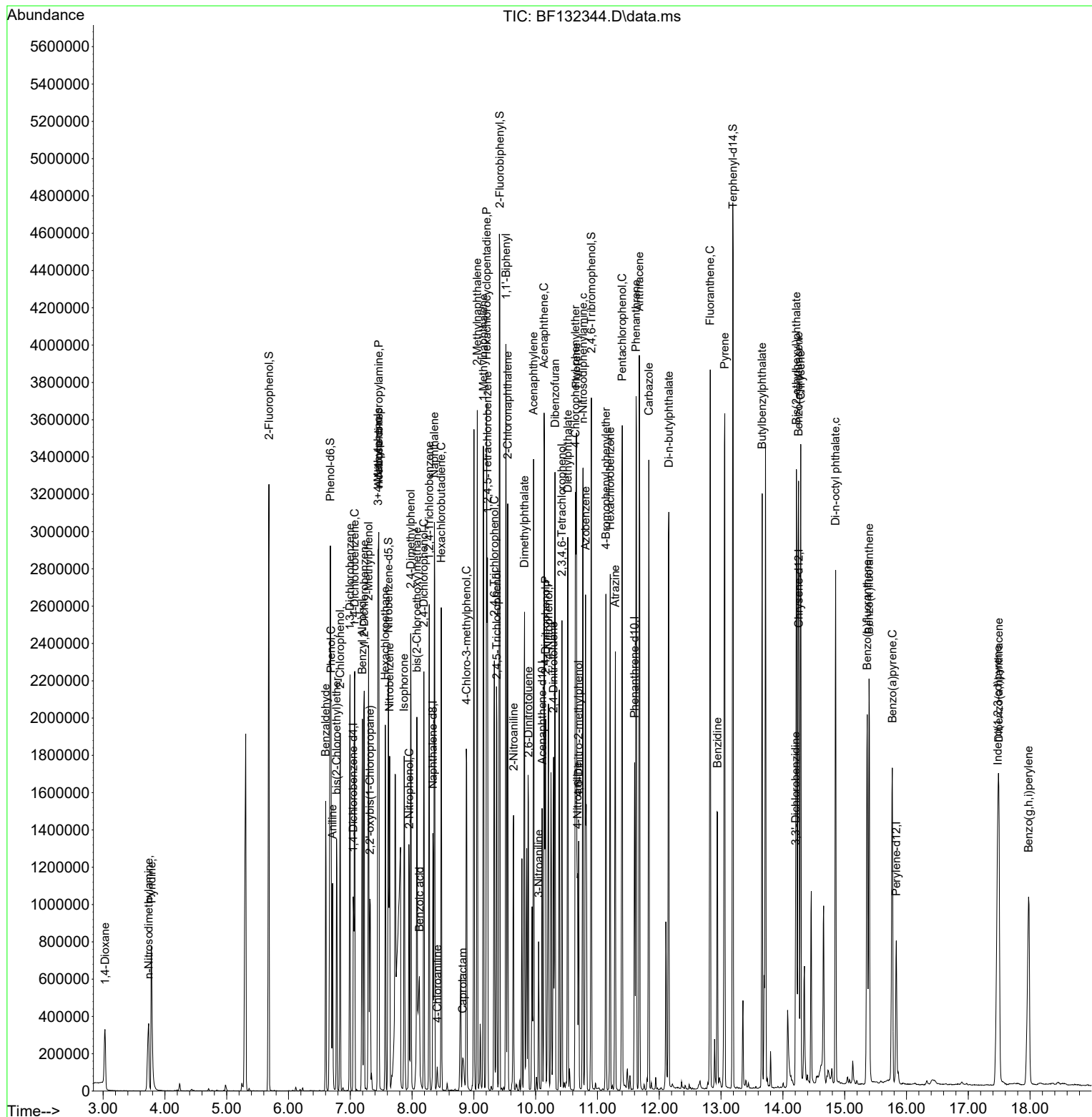
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.372	196	346417	44.522	ng	96
46) 1,1'-Biphenyl	9.519	154	1147797	44.303	ng	98
47) 2-Chloronaphthalene	9.548	162	892964	45.254	ng	99
48) 2-Nitroaniline	9.642	65	226792	38.645	ng	# 75
49) Acenaphthylene	9.966	152	1400266	43.480	ng	99
50) Dimethylphthalate	9.819	163	1081289	45.999	ng	99
51) 2,6-Dinitrotoluene	9.884	165	249727	47.567	ng	# 80
52) Acenaphthene	10.136	154	1018801	50.530	ng	100
53) 3-Nitroaniline	10.048	138	130608	20.514	ng	100
54) 2,4-Dinitrophenol	10.160	184	309296	100.464	ng	89
55) Dibenzofuran	10.313	168	1251239	44.169	ng	100
56) 4-Nitrophenol	10.207	139	458216	95.642	ng	93
57) 2,4-Dinitrotoluene	10.289	165	347801	50.999	ng	88
58) Fluorene	10.660	166	983527	45.112	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.425	232	287674	50.716	ng	96
60) Diethylphthalate	10.519	149	1091060	46.657	ng	99
61) 4-Chlorophenyl-phenyle...	10.642	204	481414	46.528	ng	97
62) 4-Nitroaniline	10.678	138	272178	44.581	ng	97
63) Azobenzene	10.807	77	1115585	48.975	ng	93
65) 4,6-Dinitro-2-methylph...	10.695	198	192016	52.196	ng	99
66) n-Nitrosodiphenylamine	10.766	169	877094	43.215	ng	99
67) 4-Bromophenyl-phenylether	11.136	248	309161	46.580	ng	97
68) Hexachlorobenzene	11.207	284	358219	50.496	ng	92
69) Atrazine	11.289	200	308479	52.841	ng	98
70) Pentachlorophenol	11.401	266	421280	86.430	ng	99
71) Phenanthrene	11.625	178	1501111	44.319	ng	100
72) Anthracene	11.678	178	1514414	43.935	ng	100
73) Carbazole	11.830	167	1384168	44.785	ng	99
74) Di-n-butylphthalate	12.154	149	1749969	47.893	ng	99
75) Fluoranthene	12.825	202	1565733	45.300	ng	98
77) Benzidine	12.942	184	601571	43.698	ng	98
78) Pyrene	13.060	202	1658329	52.361	ng	99
80) Butylbenzylphthalate	13.666	149	758775	54.226	ng	96
81) Benzo(a)anthracene	14.254	228	1266980	46.004	ng	99
82) 3,3'-Dichlorobenzidine	14.207	252	154975	17.667	ng	99
83) Chrysene	14.289	228	1130695	43.845	ng	100
84) Bis(2-ethylhexyl)phtha...	14.219	149	1061635	56.131	ng	99
85) Di-n-octyl phthalate	14.854	149	1524942	49.432	ng	# 96
87) Indeno(1,2,3-cd)pyrene	17.477	276	1205188	51.269	ng	97
88) Benzo(b)fluoranthene	15.366	252	1041481	46.314	ng	97
89) Benzo(k)fluoranthene	15.395	252	1023439	47.679	ng	99
90) Benzo(a)pyrene	15.771	252	908958	43.407	ng	98
91) Dibenzo(a,h)anthracene	17.495	278	985108	52.124	ng	99
92) Benzo(g,h,i)perylene	17.977	276	962244	49.283	ng	97

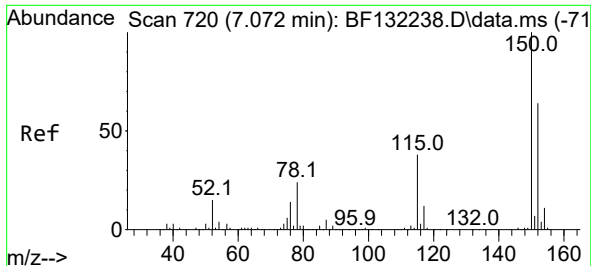
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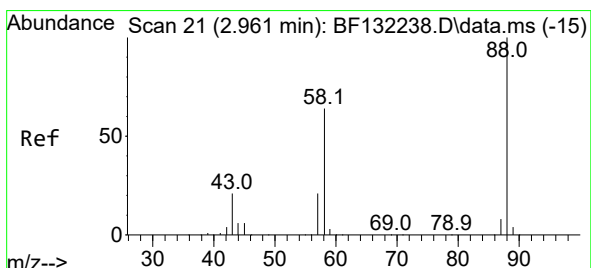
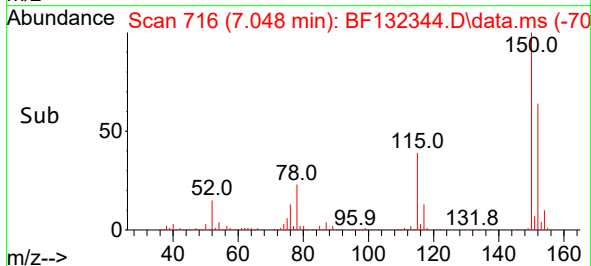
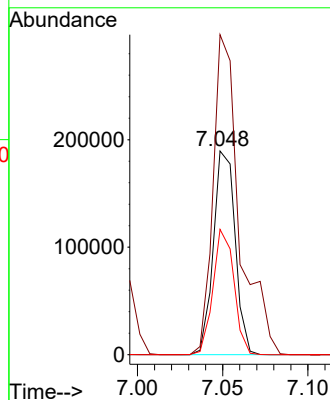
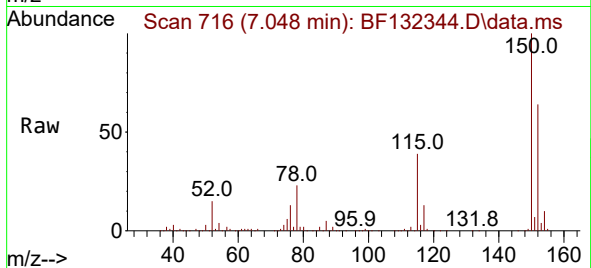




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.048 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF132344.D
 Acq: 07 Feb 2023 14:55

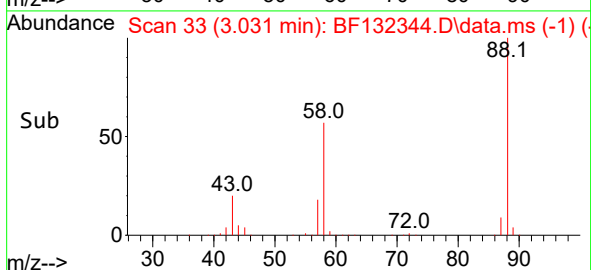
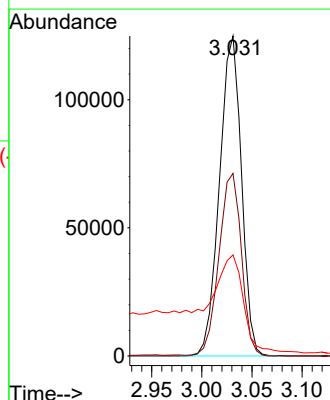
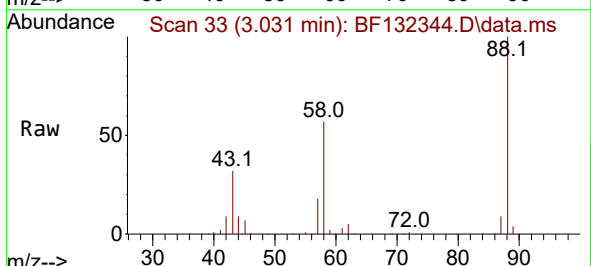
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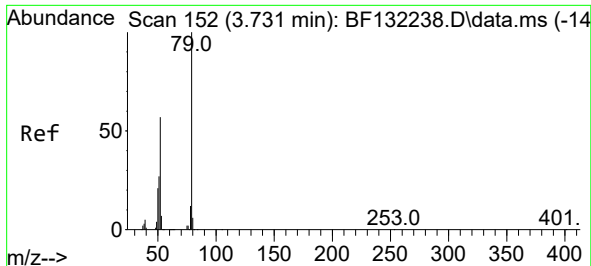
Tgt Ion:152 Resp: 168363
 Ion Ratio Lower Upper
 152 100
 150 157.2 124.2 186.2
 115 61.6 47.3 70.9



#2
 1,4-Dioxane
 Concen: 38.523 ng
 RT: 3.031 min Scan# 33
 Delta R.T. 0.094 min
 Lab File: BF132344.D
 Acq: 07 Feb 2023 14:55

Tgt Ion: 88 Resp: 189861
 Ion Ratio Lower Upper
 88 100
 58 58.4 50.2 75.2
 43 39.2 16.9 25.3

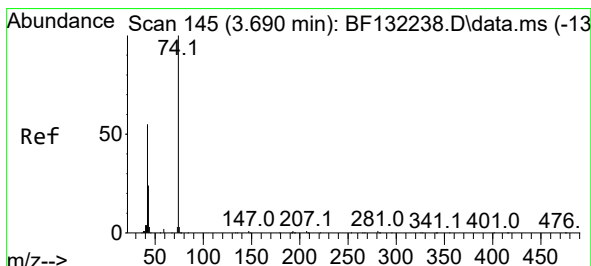
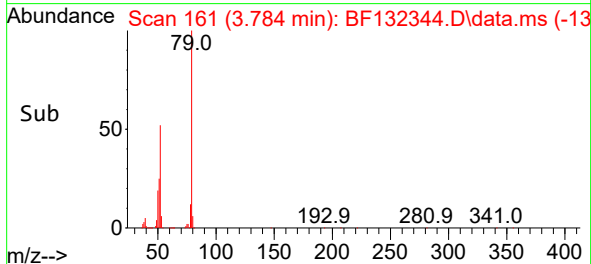
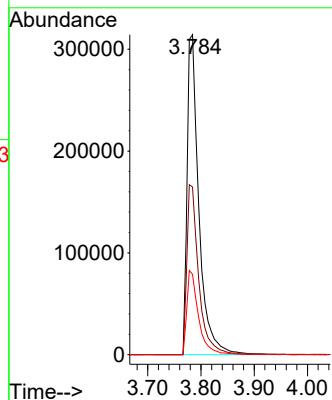
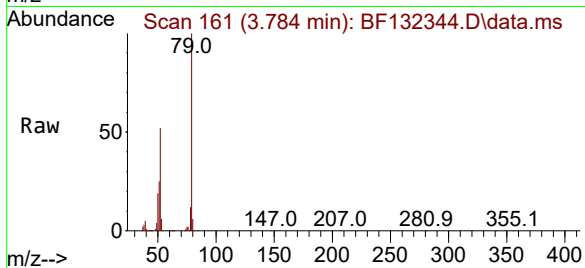




#3
 Pyridine
 Concen: 36.077 ng
 RT: 3.784 min Scan# 1
 Delta R.T. 0.071 min
 Lab File: BF132344.D
 Acq: 07 Feb 2023 14:55

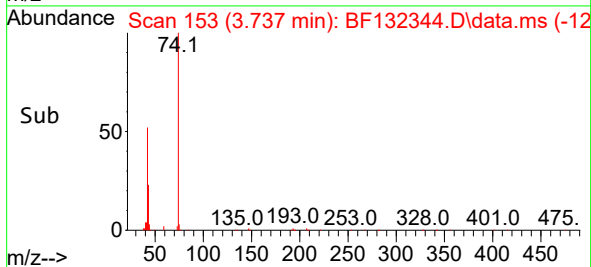
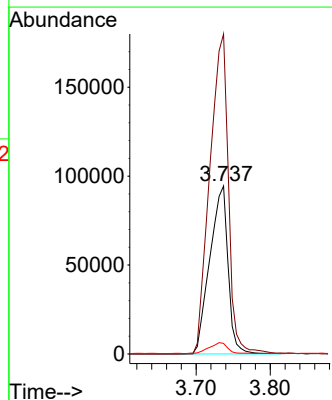
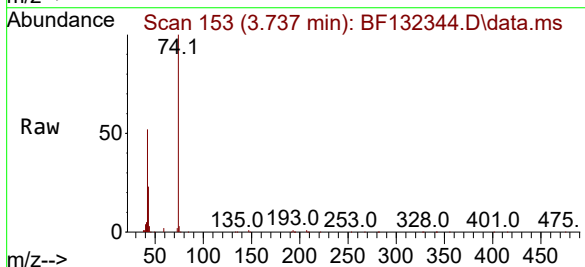
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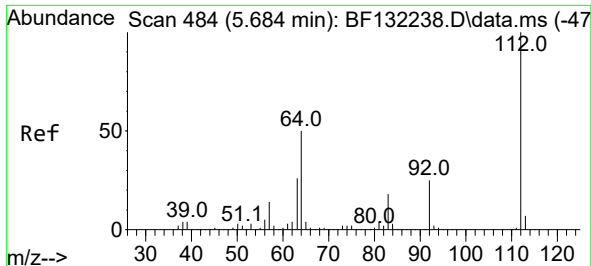
Tgt Ion: 79 Resp: 482371
 Ion Ratio Lower Upper
 79 100
 52 52.4 45.6 68.4
 51 25.1 21.5 32.3



#4
 n-Nitrosodimethylamine
 Concen: 37.855 ng
 RT: 3.737 min Scan# 153
 Delta R.T. 0.065 min
 Lab File: BF132344.D
 Acq: 07 Feb 2023 14:55

Tgt Ion: 42 Resp: 161956
 Ion Ratio Lower Upper
 42 100
 74 190.5 144.6 217.0
 44 6.3 5.1 7.7

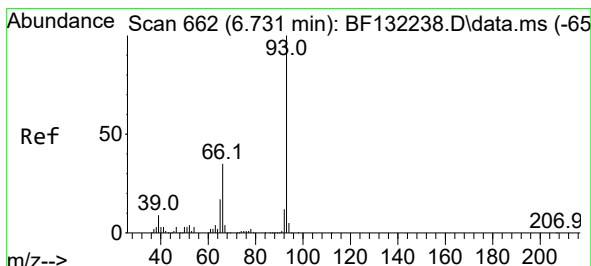
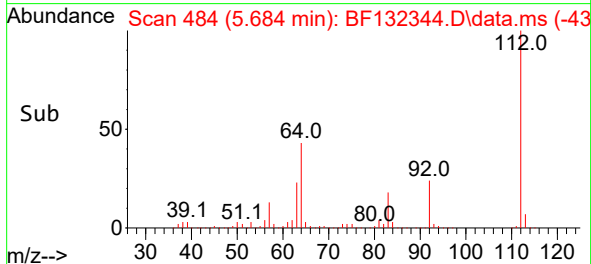
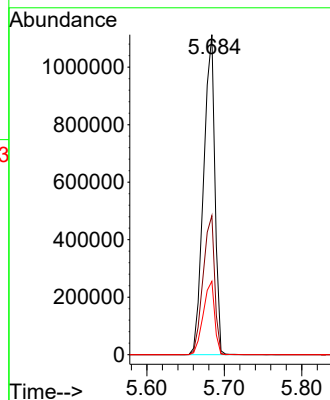
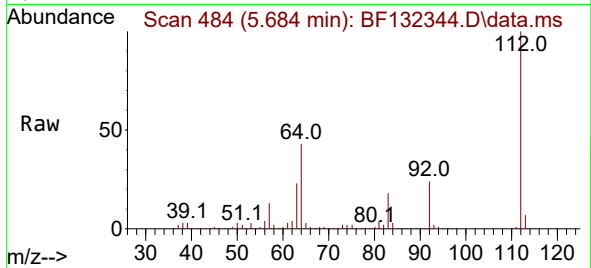




#5
2-Fluorophenol
Concen: 107.637 ng
RT: 5.684 min Scan# 484
Delta R.T. 0.018 min
Lab File: BF132344.D
Acq: 07 Feb 2023 14:55

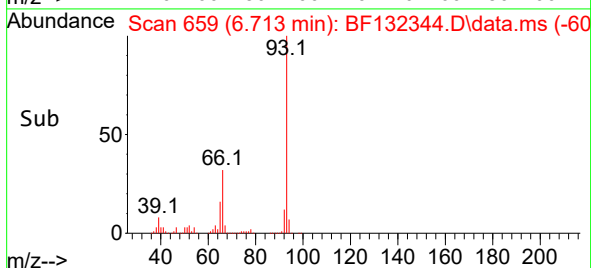
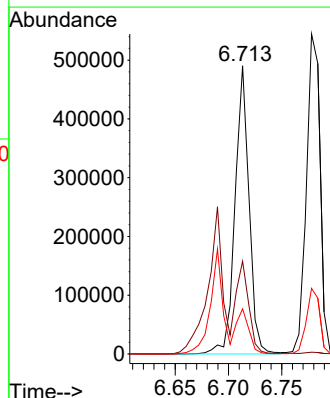
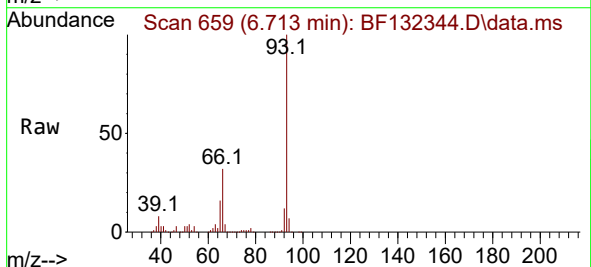
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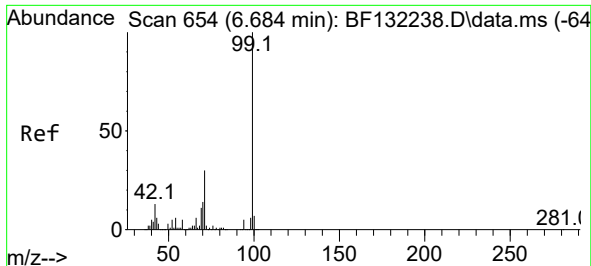
Tgt Ion:112 Resp: 1127415
Ion Ratio Lower Upper
112 100
64 43.4 40.0 60.0
63 22.9 20.5 30.7



#6
Aniline
Concen: 25.692 ng
RT: 6.713 min Scan# 659
Delta R.T. -0.006 min
Lab File: BF132344.D
Acq: 07 Feb 2023 14:55

Tgt Ion: 93 Resp: 450206
Ion Ratio Lower Upper
93 100
66 32.2 28.8 43.2
65 15.7 14.2 21.4

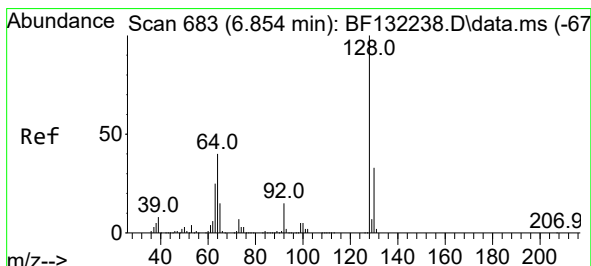
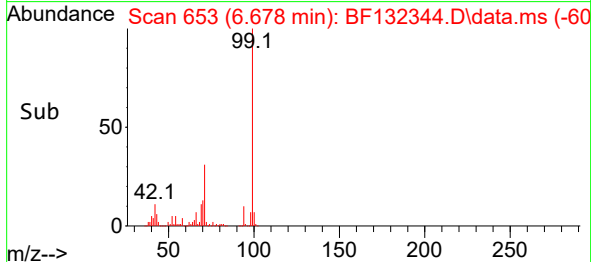
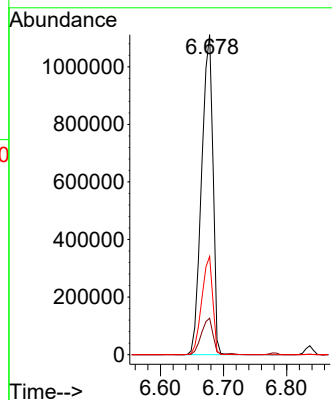
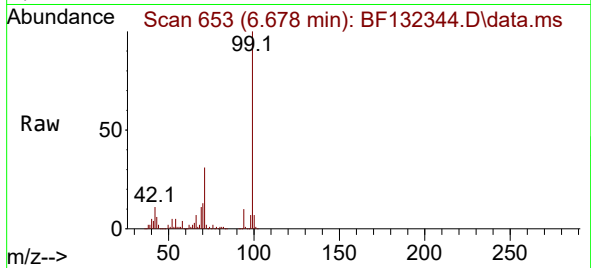




#7
Phenol-d6
Concen: 107.126 ng
RT: 6.678 min Scan# 61
Delta R.T. 0.006 min
Lab File: BF132344.D
Acq: 07 Feb 2023 14:55

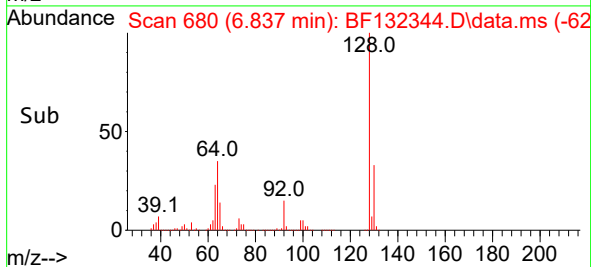
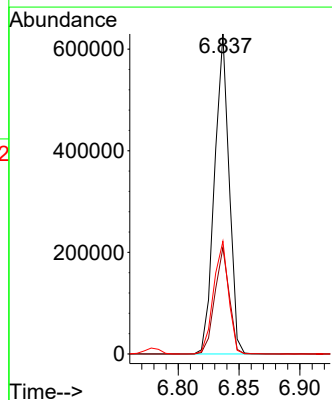
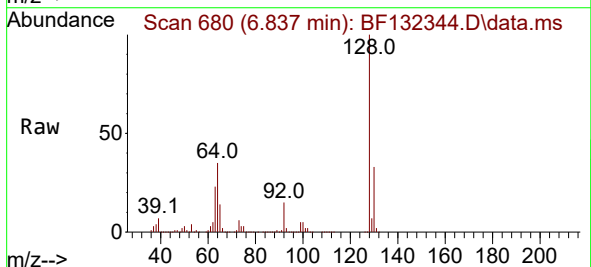
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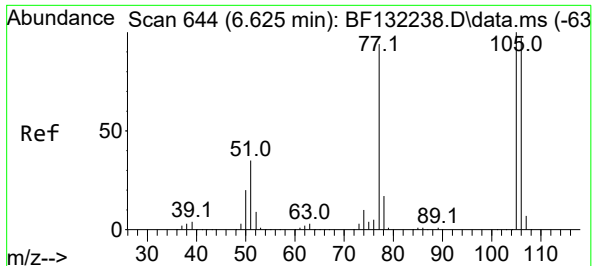
Tgt Ion: 99 Resp: 1383346
Ion Ratio Lower Upper
99 100
42 11.4 10.1 15.1
71 30.7 24.2 36.4



#8
2-Chlorophenol
Concen: 48.319 ng
RT: 6.837 min Scan# 680
Delta R.T. 0.000 min
Lab File: BF132344.D
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Tgt Ion:128 Resp: 524174
Ion Ratio Lower Upper
128 100
130 33.2 13.3 53.3
64 35.2 20.1 60.1

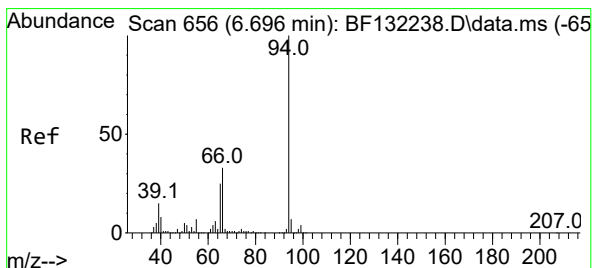
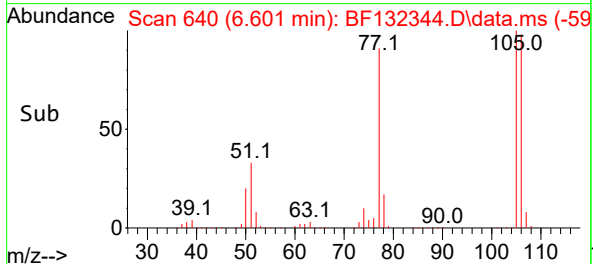
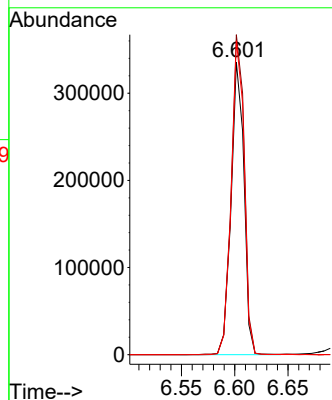
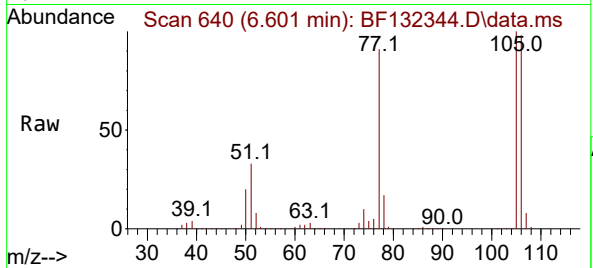




#9
Benzaldehyde
Concen: 38.628 ng
RT: 6.601 min Scan# 644
Delta R.T. -0.006 min
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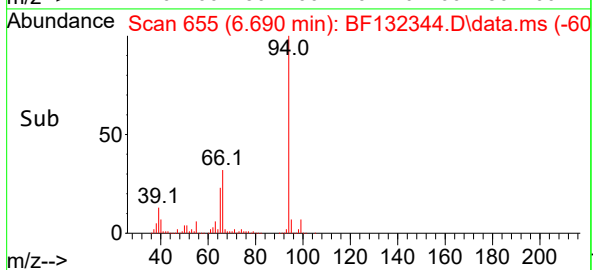
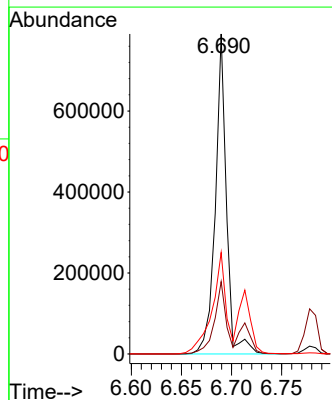
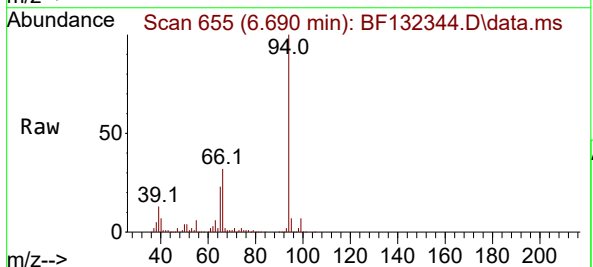
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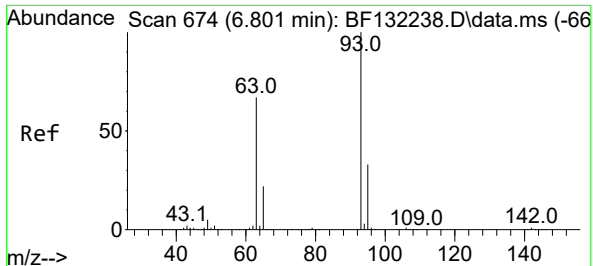
Tgt Ion: 77 Resp: 282253
Ion Ratio Lower Upper
77 100
105 109.4 86.8 126.8
106 107.3 83.8 123.8



#10
Phenol
Concen: 45.635 ng
RT: 6.690 min Scan# 655
Delta R.T. 0.006 min
Lab File: BF132344.D
Acq: 07 Feb 2023 14:55

Tgt Ion: 94 Resp: 609943
Ion Ratio Lower Upper
94 100
65 22.6 5.1 45.1
66 31.7 13.0 53.0





#11

bis(2-Chloroethyl)ether

Concen: 43.990 ng

RT: 6.778 min Scan# 61

Delta R.T. -0.006 min

Lab File: BF132344.D

Acq: 07 Feb 2023 14:55

Instrument :

BNA_F

ClientSampleId :

B-01-SB02MS

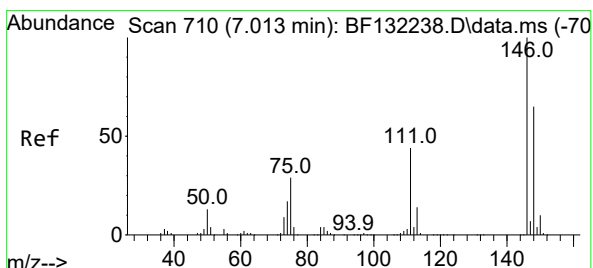
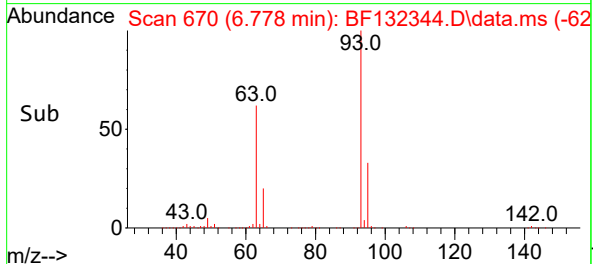
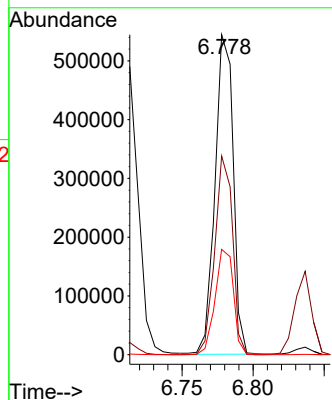
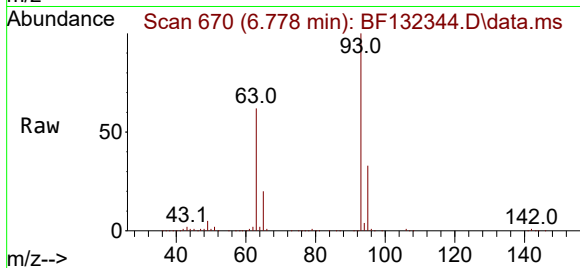
Tgt Ion: 93 Resp: 483889

Ion Ratio Lower Upper

93 100

63 62.1 46.7 86.7

95 32.9 13.4 53.4



#12

1,3-Dichlorobenzene

Concen: 48.424 ng

RT: 6.995 min Scan# 707

Delta R.T. 0.000 min

Lab File: BF132344.D

Acq: 07 Feb 2023 14:55

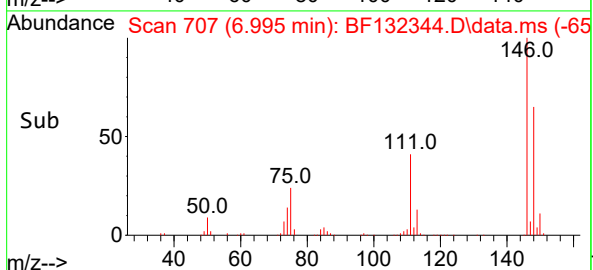
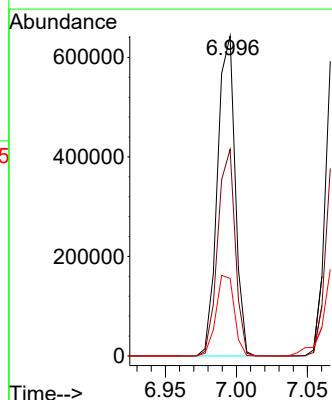
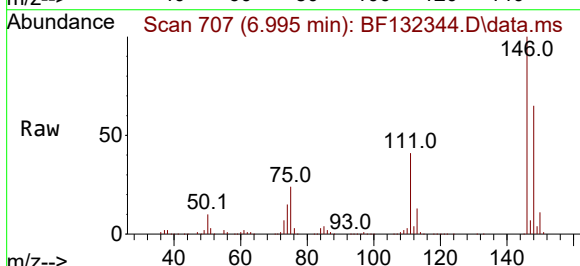
Tgt Ion:146 Resp: 555604

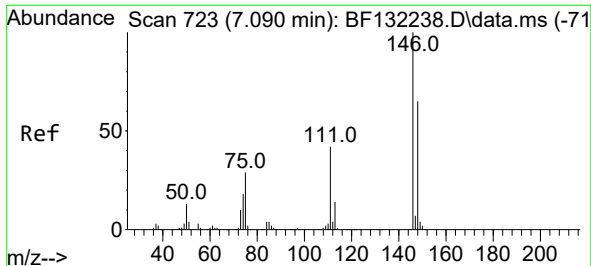
Ion Ratio Lower Upper

146 100

148 64.5 51.8 77.8

75 24.3 23.5 35.3

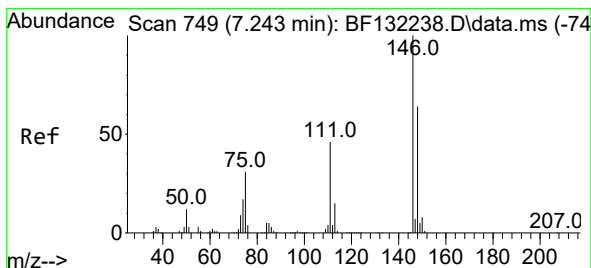
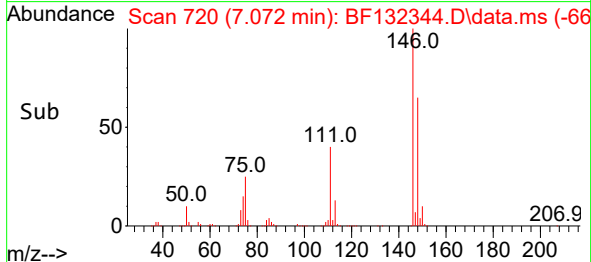
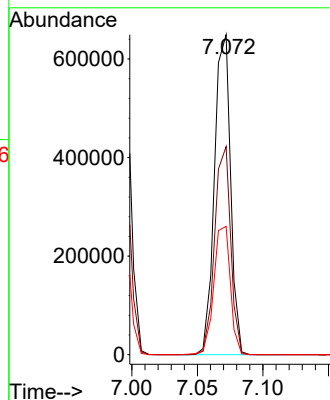
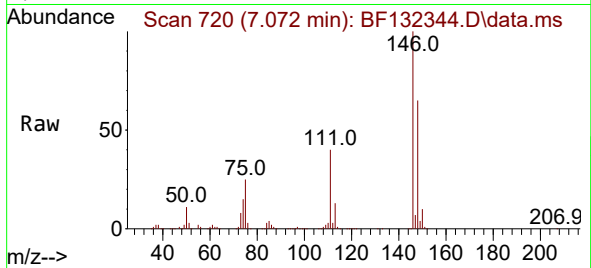




#13
1,4-Dichlorobenzene
Concen: 48.395 ng
RT: 7.072 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132344.D
Acq: 07 Feb 2023 14:55

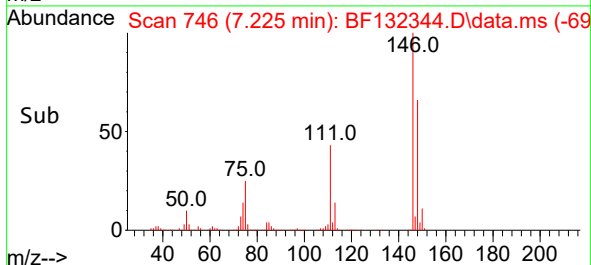
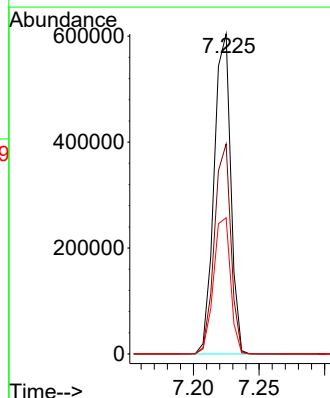
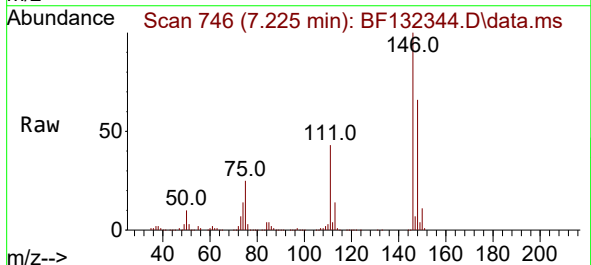
Instrument :
BNA_F
ClientSampleId :
B-01-SB02MS

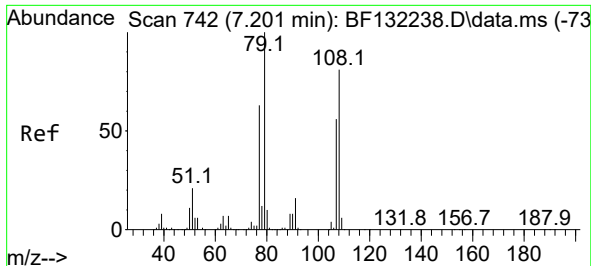
Tgt Ion:146 Resp: 554266
Ion Ratio Lower Upper
146 100
148 65.0 52.4 78.6
111 40.1 34.0 51.0



#14
1,2-Dichlorobenzene
Concen: 50.012 ng
RT: 7.225 min Scan# 746
Delta R.T. 0.000 min
Lab File: BF132344.D
Acq: 07 Feb 2023 14:55

Tgt Ion:146 Resp: 534176
Ion Ratio Lower Upper
146 100
148 65.6 51.4 77.0
111 42.6 37.1 55.7

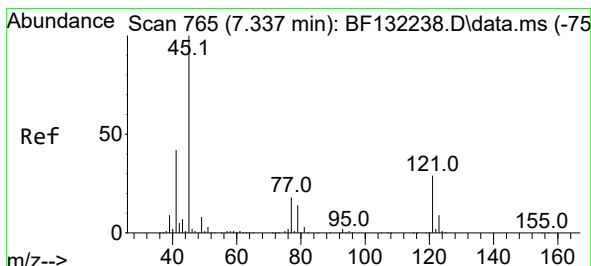
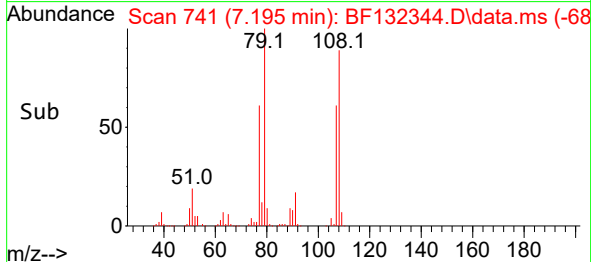
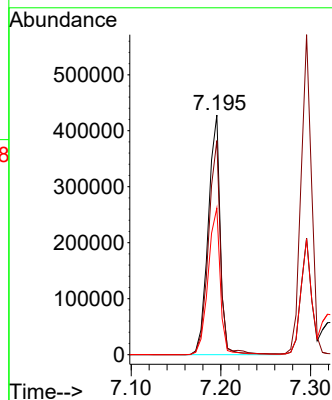
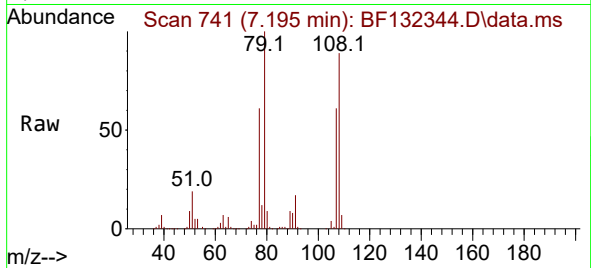




#15
Benzyl Alcohol
Concen: 42.540 ng
RT: 7.195 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF132344.D
Acq: 07 Feb 2023 14:55

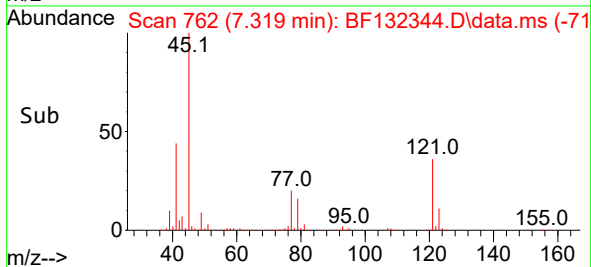
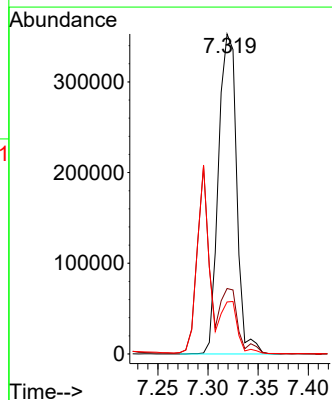
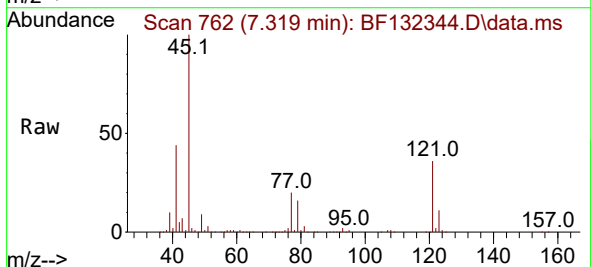
Instrument :
BNA_F
ClientSampleId :
B-01-SB02MS

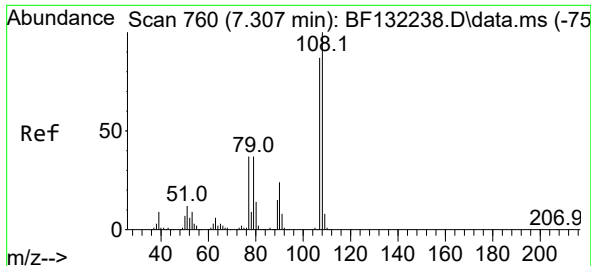
Tgt Ion: 79 Resp: 400831
Ion Ratio Lower Upper
79 100
108 89.3 64.6 97.0
77 61.2 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.215 ng
RT: 7.319 min Scan# 762
Delta R.T. -0.006 min
Lab File: BF132344.D
Acq: 07 Feb 2023 14:55

Tgt Ion: 45 Resp: 442886
Ion Ratio Lower Upper
45 100
77 20.5 0.0 38.0
79 16.2 0.0 33.8

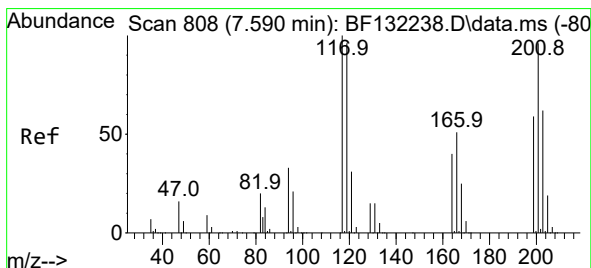
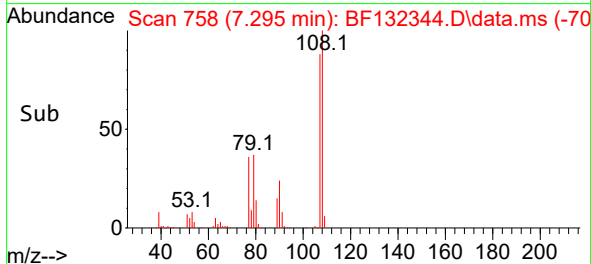
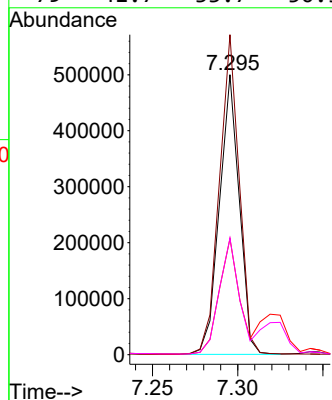
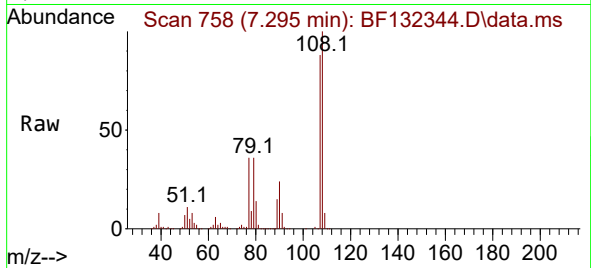




#17
2-Methylphenol
Concen: 42.509 ng
RT: 7.295 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF132344.D
Acq: 07 Feb 2023 14:55

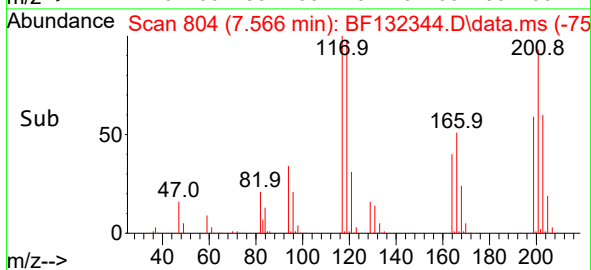
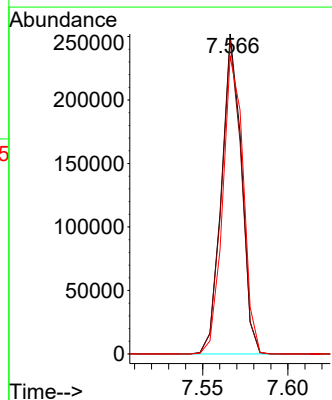
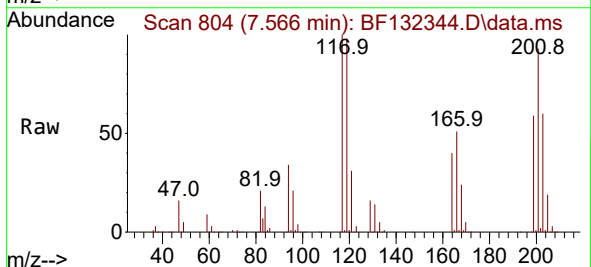
Instrument :
BNA_F
ClientSampleId :
B-01-SB02MS

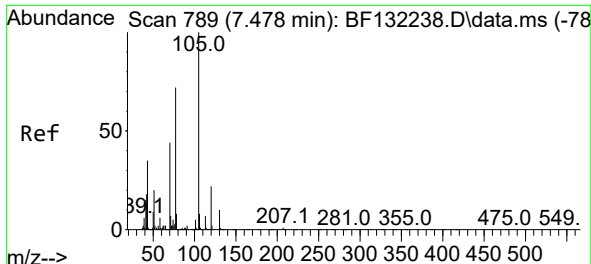
Tgt Ion:107 Resp: 403671
Ion Ratio Lower Upper
107 100
108 114.3 91.8 137.6
77 41.4 34.2 51.2
79 41.7 33.7 50.5



#18
Hexachloroethane
Concen: 47.685 ng
RT: 7.566 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF132344.D
Acq: 07 Feb 2023 14:55

Tgt Ion:117 Resp: 204876
Ion Ratio Lower Upper
117 100
119 98.1 76.7 115.1
201 93.0 76.6 114.8





#19

n-Nitroso-di-n-propylamine

Concen: 38.694 ng

RT: 7.460 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF132344.D

Acq: 07 Feb 2023 14:55

Instrument :

BNA_F

ClientSampleId :

B-01-SB02MS

Tgt Ion: 70 Resp: 283821

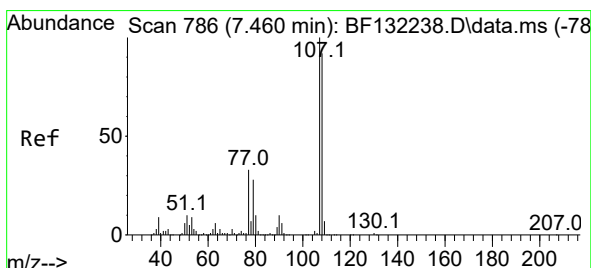
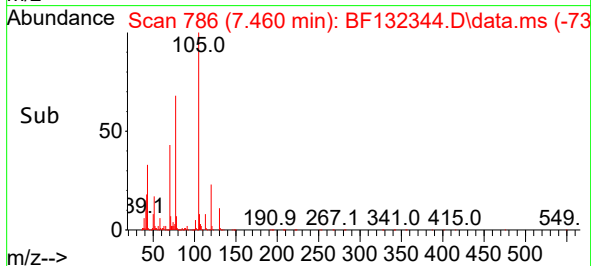
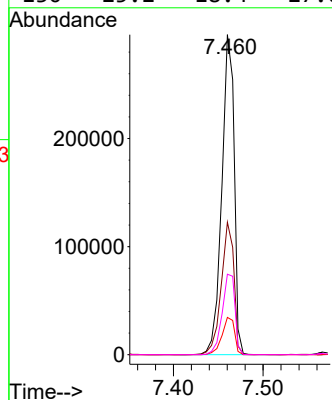
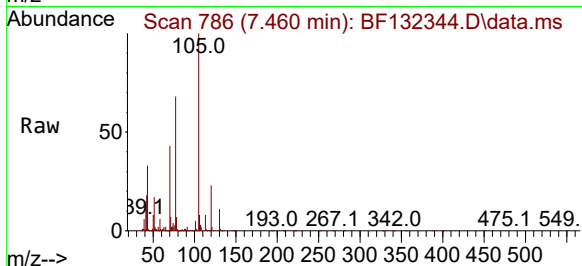
Ion Ratio Lower Upper

70 100

42 41.4 33.4 50.0

101 11.6 8.2 12.4

130 25.2 18.4 27.6



#20

3+4-Methylphenols

Concen: 42.074 ng

RT: 7.448 min Scan# 784

Delta R.T. 0.000 min

Lab File: BF132344.D

Acq: 07 Feb 2023 14:55

Tgt Ion: 107 Resp: 509943

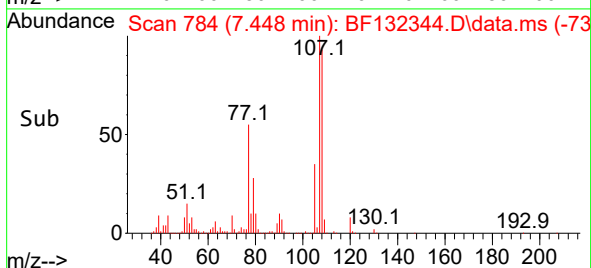
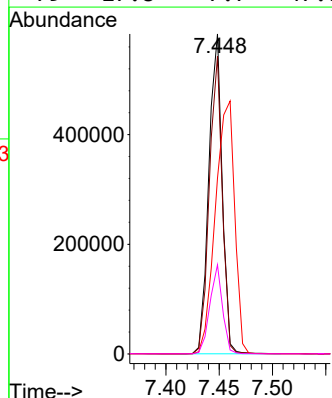
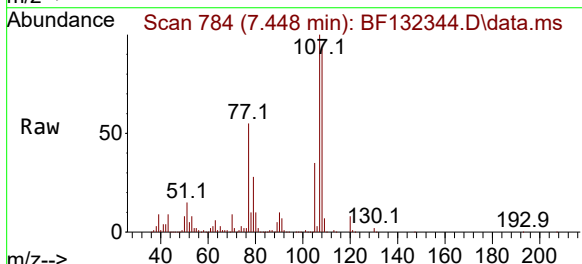
Ion Ratio Lower Upper

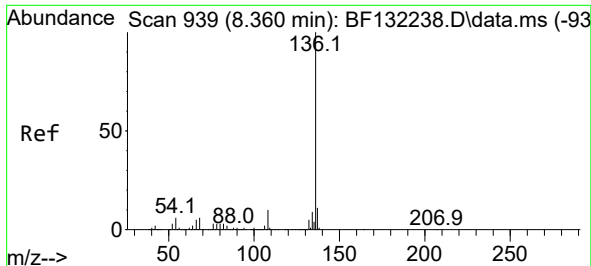
107 100

108 93.1 71.6 111.6

77 54.9 13.4 53.4

79 27.8 7.7 47.7

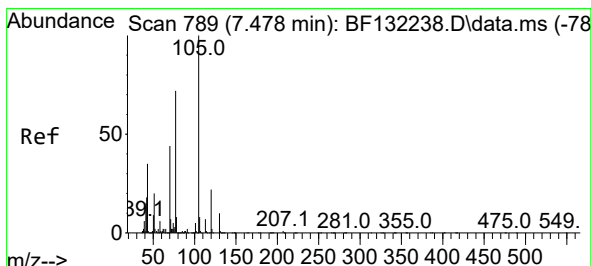
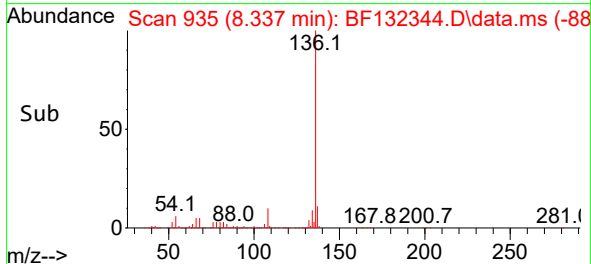
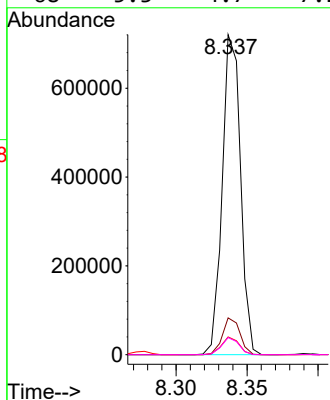
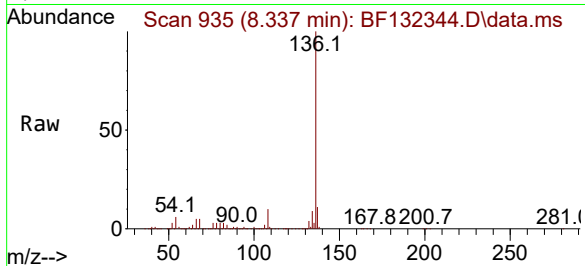




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.337 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132344.D
Acq: 07 Feb 2023 14:55

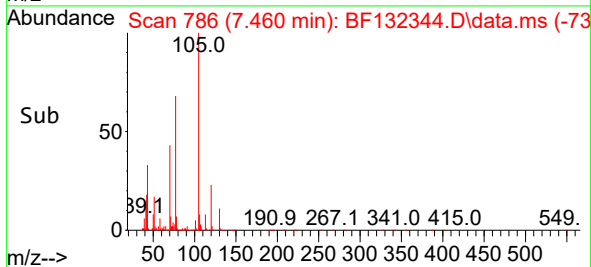
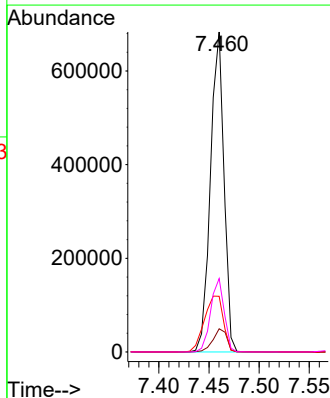
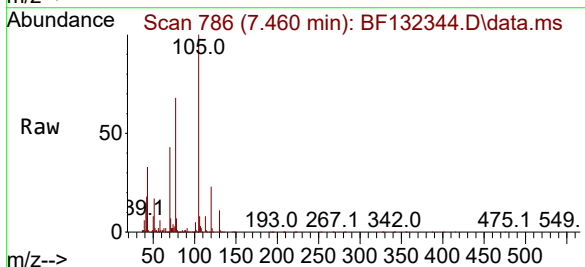
Instrument :
BNA_F
ClientSampleId :
B-01-SB02MS

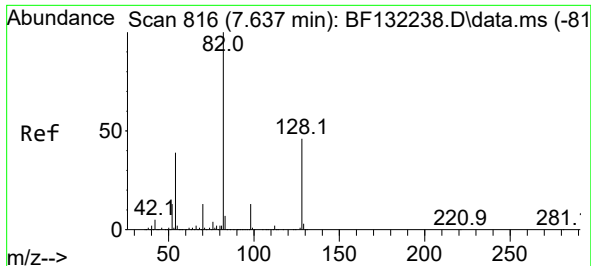
Tgt Ion:136 Resp: 643998
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 5.6 4.9 7.3
68 5.3 4.7 7.1



#22
Acetophenone
Concen: 42.432 ng
RT: 7.460 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF132344.D
Acq: 07 Feb 2023 14:55

Tgt Ion:105 Resp: 642633
Ion Ratio Lower Upper
105 100
71 7.3 5.8 8.6
51 17.4 16.2 24.2
120 22.9 18.0 27.0





#23

Nitrobenzene-d5

Concen: 70.680 ng

RT: 7.619 min Scan# 816

Delta R.T. 0.000 min

Lab File: BF132344.D

Acq: 07 Feb 2023 14:55

Instrument :

BNA_F

ClientSampleId :

B-01-SB02MS

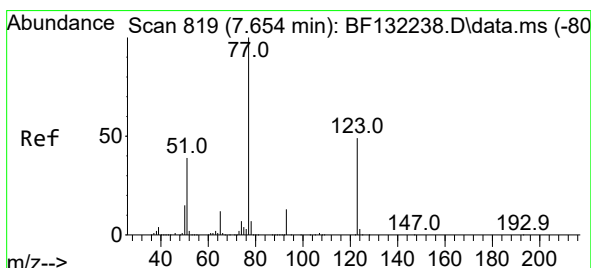
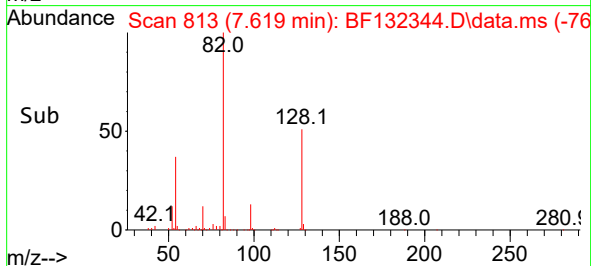
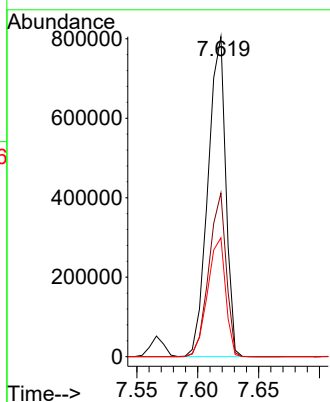
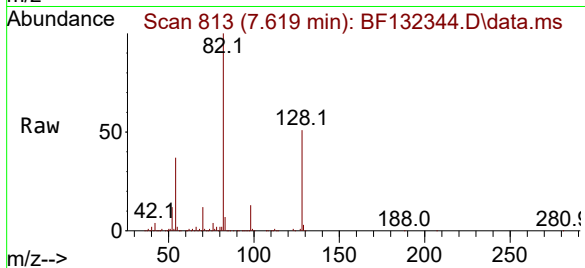
Tgt Ion: 82 Resp: 817969

Ion Ratio Lower Upper

82 100

128 51.2 37.0 55.4

54 37.1 31.5 47.3



#24

Nitrobenzene

Concen: 39.707 ng

RT: 7.637 min Scan# 816

Delta R.T. 0.000 min

Lab File: BF132344.D

Acq: 07 Feb 2023 14:55

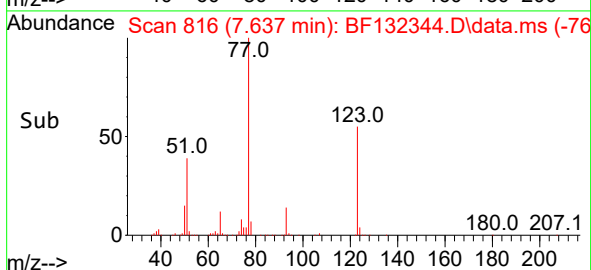
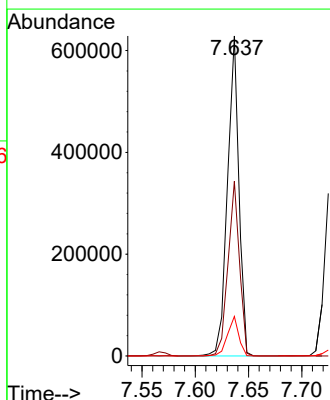
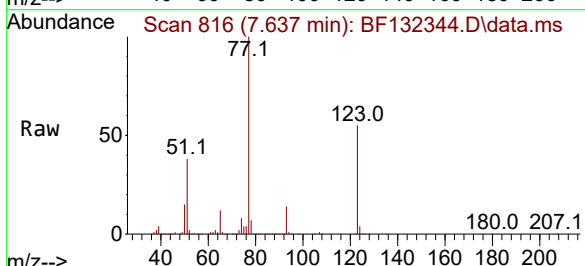
Tgt Ion: 77 Resp: 469453

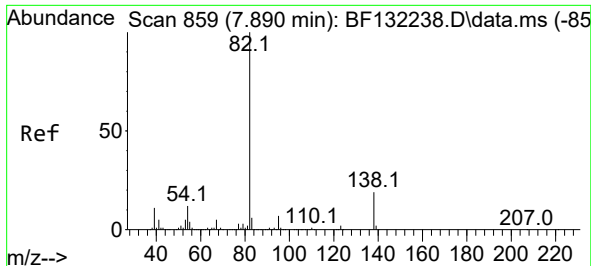
Ion Ratio Lower Upper

77 100

123 54.6 39.5 59.3

65 12.4 9.8 14.8

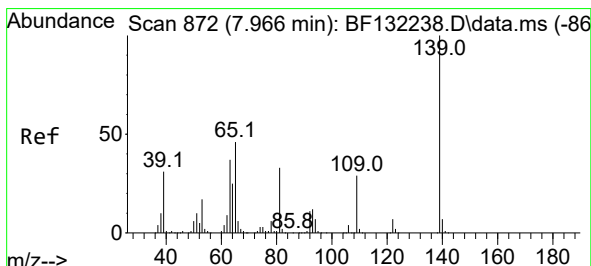
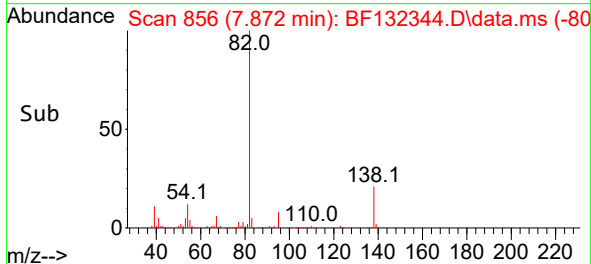
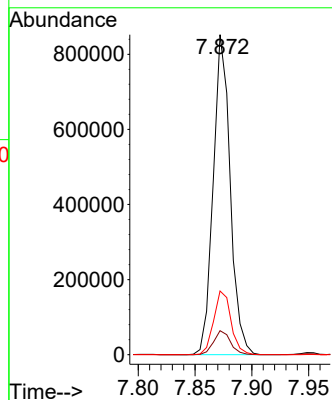
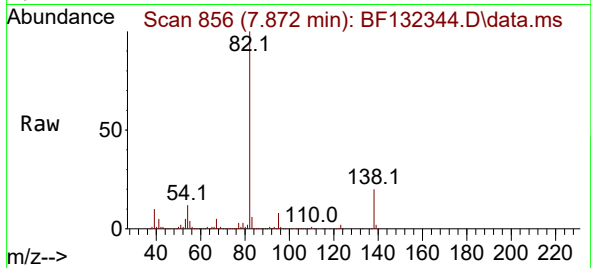




#25
Isophorone
Concen: 40.325 ng
RT: 7.872 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF132344.D
Acq: 07 Feb 2023 14:55

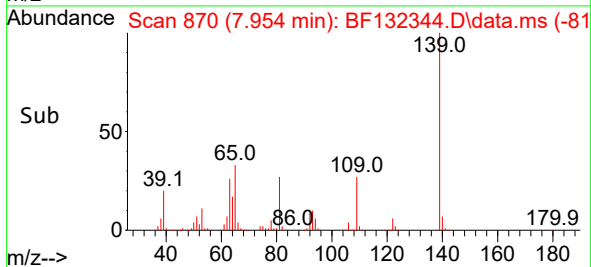
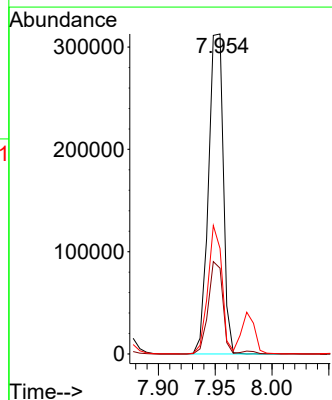
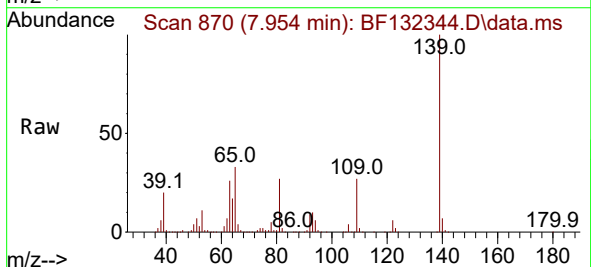
Instrument :
BNA_F
ClientSampleId :
B-01-SB02MS

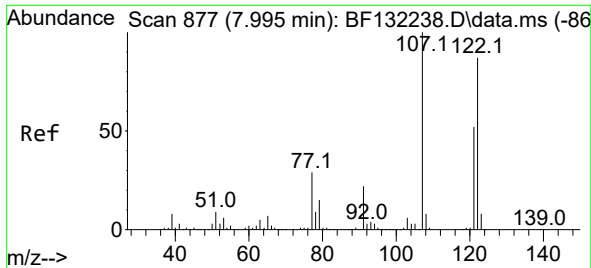
Tgt Ion: 82 Resp: 885754
Ion Ratio Lower Upper
82 100
95 7.5 5.6 8.4
138 19.9 15.0 22.6



#26
2-Nitrophenol
Concen: 49.156 ng
RT: 7.954 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF132344.D
Acq: 07 Feb 2023 14:55

Tgt Ion:139 Resp: 283084
Ion Ratio Lower Upper
139 100
109 26.8 23.0 34.6
65 32.9 36.6 55.0#

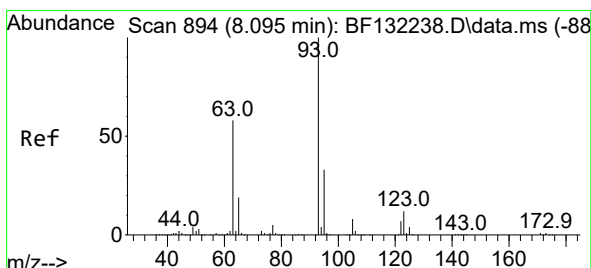
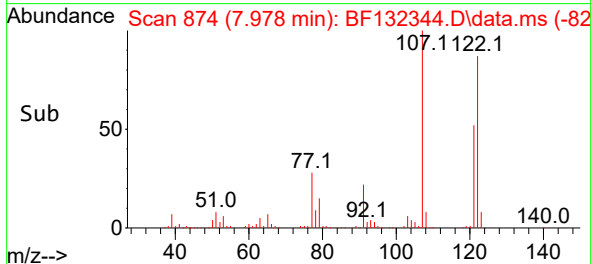
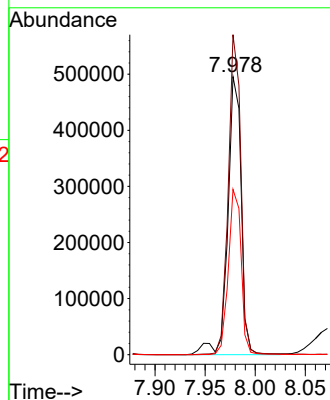
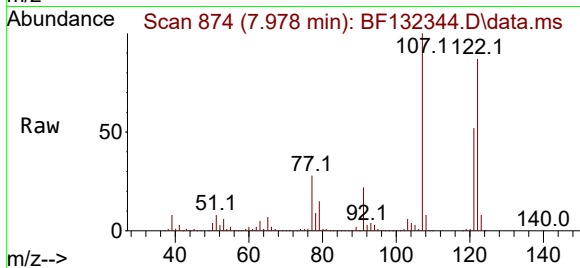




#27
2,4-Dimethylphenol
Concen: 45.365 ng
RT: 7.978 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF132344.D
Acq: 07 Feb 2023 14:55

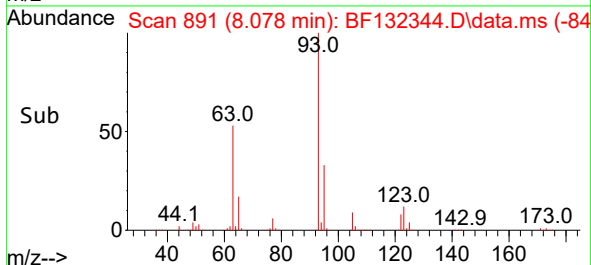
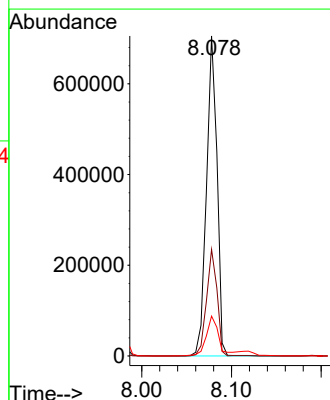
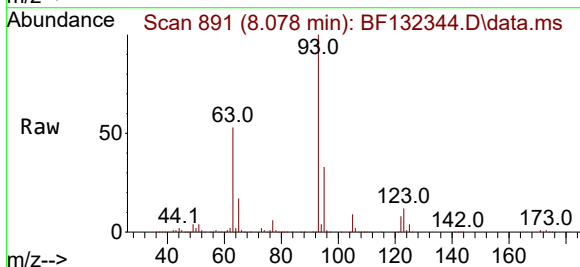
Instrument :
BNA_F
ClientSampleId :
B-01-SB02MS

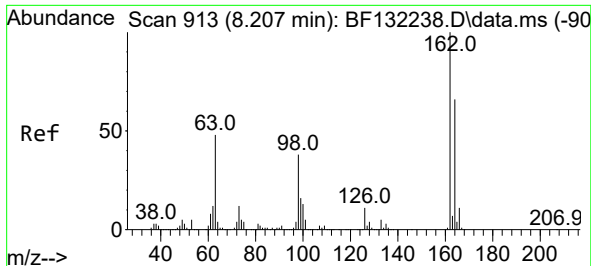
Tgt Ion:122 Resp: 457285
Ion Ratio Lower Upper
122 100
107 115.1 91.9 137.9
121 59.5 47.8 71.8



#28
bis(2-Chloroethoxy)methane
Concen: 42.497 ng
RT: 8.078 min Scan# 891
Delta R.T. 0.000 min
Lab File: BF132344.D
Acq: 07 Feb 2023 14:55

Tgt Ion: 93 Resp: 573638
Ion Ratio Lower Upper
93 100
95 33.3 26.6 40.0
123 12.5 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 46.913 ng

RT: 8.190 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF132344.D

Acq: 07 Feb 2023 14:55

Instrument :

BNA_F

ClientSampleId :

B-01-SB02MS

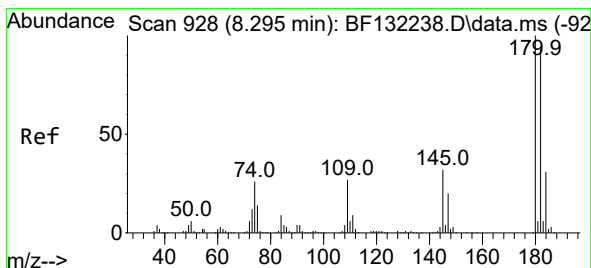
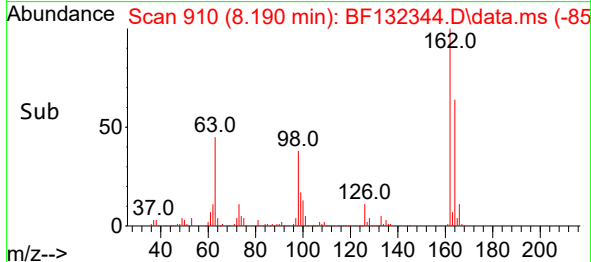
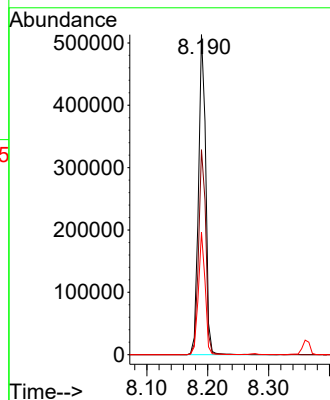
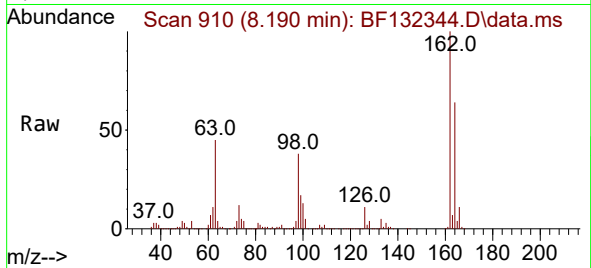
Tgt Ion:162 Resp: 419841

Ion Ratio Lower Upper

162 100

164 64.0 46.4 86.4

98 38.2 17.8 57.8



#30

1,2,4-Trichlorobenzene

Concen: 47.320 ng

RT: 8.278 min Scan# 925

Delta R.T. 0.000 min

Lab File: BF132344.D

Acq: 07 Feb 2023 14:55

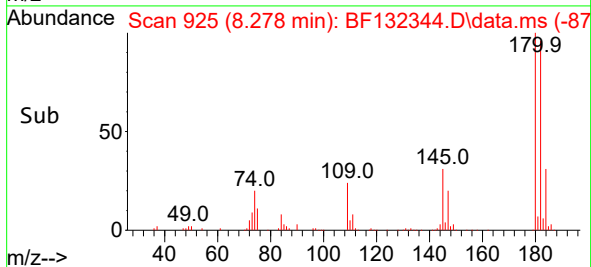
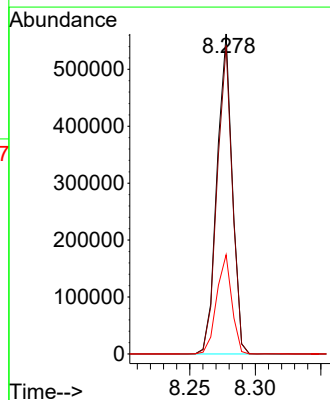
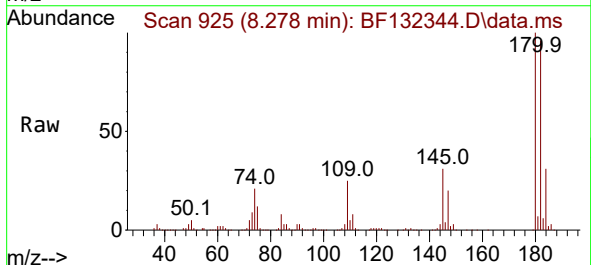
Tgt Ion:180 Resp: 453495

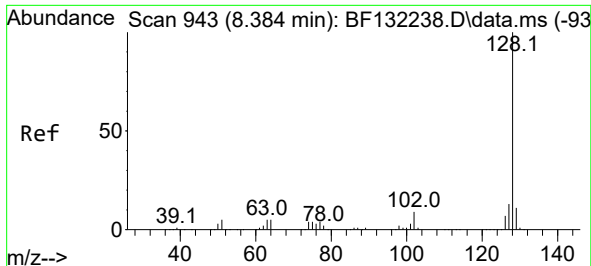
Ion Ratio Lower Upper

180 100

182 96.4 74.6 112.0

145 31.0 25.3 37.9

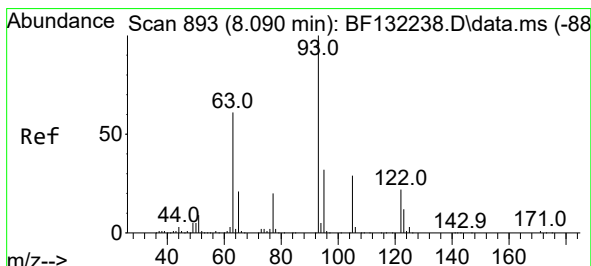
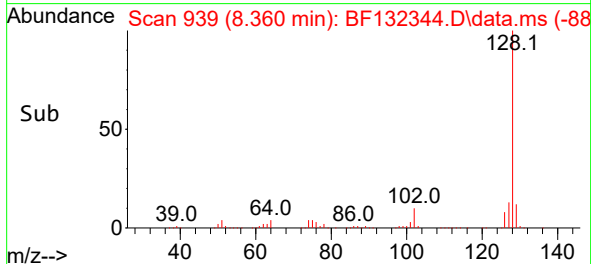
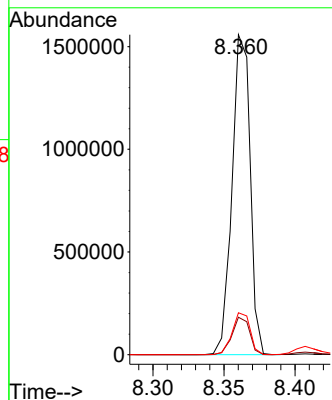
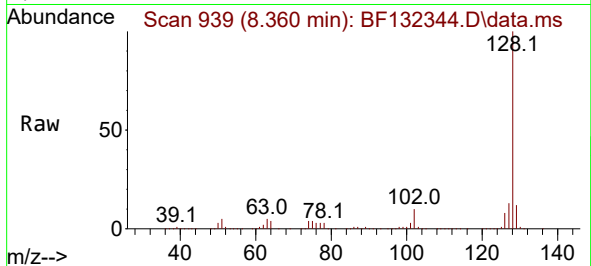




#31
Naphthalene
Concen: 43.700 ng
RT: 8.360 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132344.D
Acq: 07 Feb 2023 14:55

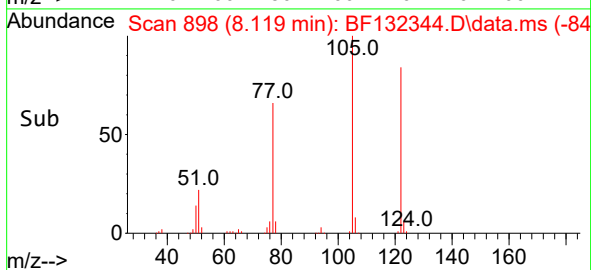
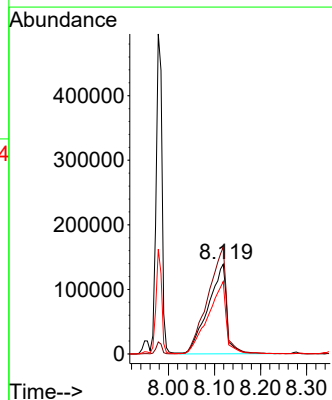
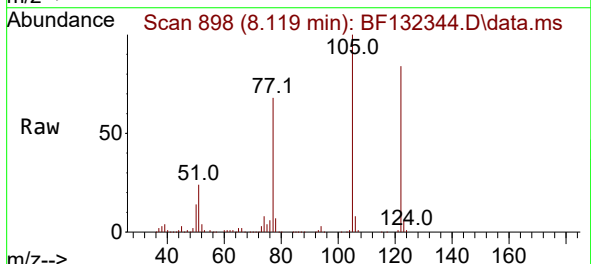
Instrument :
BNA_F
ClientSampleId :
B-01-SB02MS

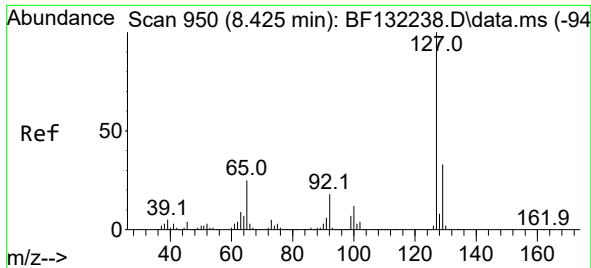
Tgt Ion:128 Resp: 1385271
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.4
127 13.1 10.5 15.7



#32
Benzoic acid
Concen: 52.030 ng
RT: 8.119 min Scan# 898
Delta R.T. 0.035 min
Lab File: BF132344.D
Acq: 07 Feb 2023 14:55

Tgt Ion:122 Resp: 388217
Ion Ratio Lower Upper
122 100
105 119.2 106.3 146.3
77 80.7 70.6 110.6

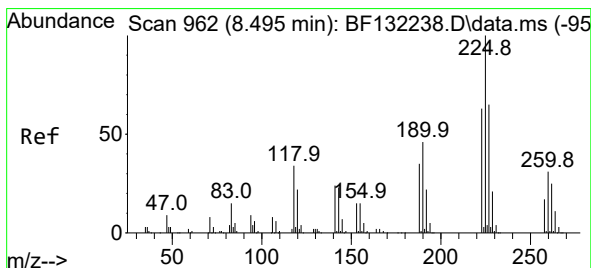
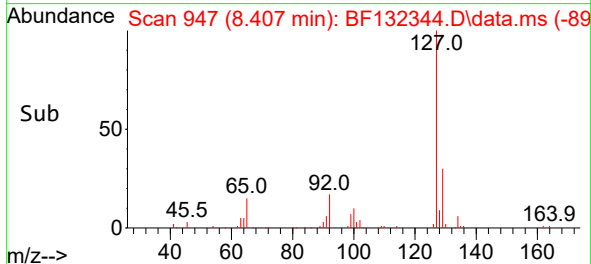
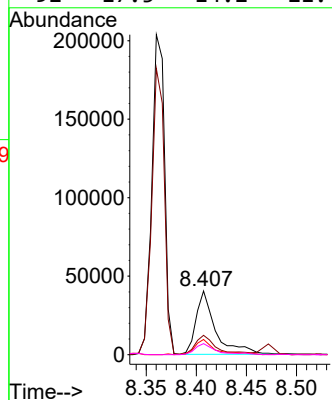
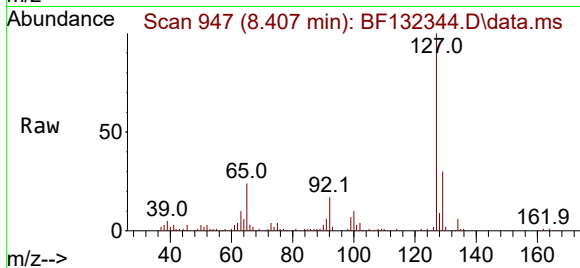




#33
4-Chloroaniline
Concen: 3.898 ng
RT: 8.407 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF132344.D
Acq: 07 Feb 2023 14:55

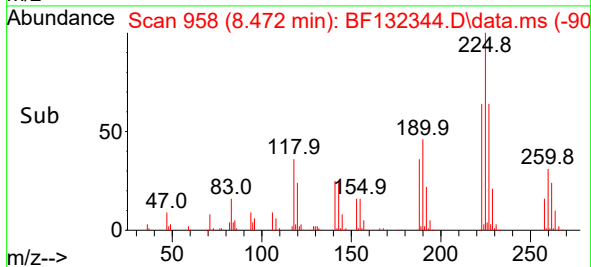
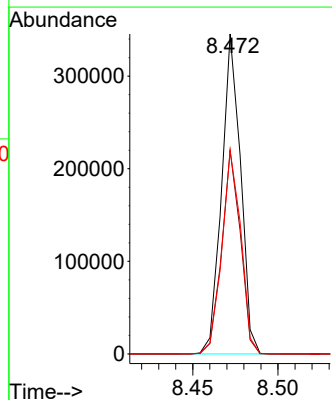
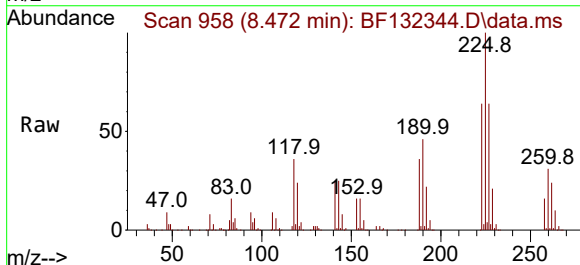
Instrument :
BNA_F
ClientSampleId :
B-01-SB02MS

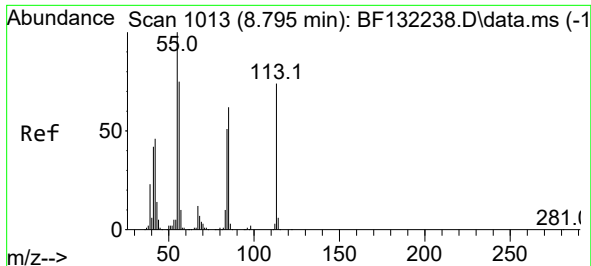
Tgt Ion:127	Resp:	54788
Ion Ratio	Lower	Upper
127	100	
129	30.4	26.6 39.8
65	23.8	20.2 30.2
92	17.5	14.2 21.4



#34
Hexachlorobutadiene
Concen: 49.467 ng
RT: 8.472 min Scan# 958
Delta R.T. -0.006 min
Lab File: BF132344.D
Acq: 07 Feb 2023 14:55

Tgt Ion:225	Resp:	266508
Ion Ratio	Lower	Upper
225	100	
223	63.6	50.6 75.8
227	63.6	51.7 77.5

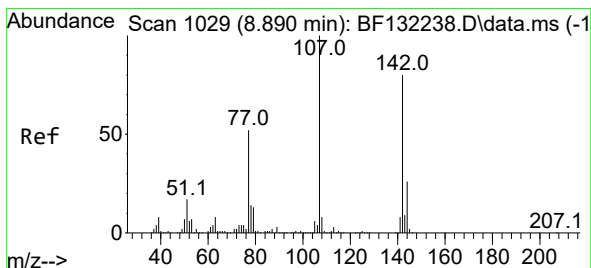
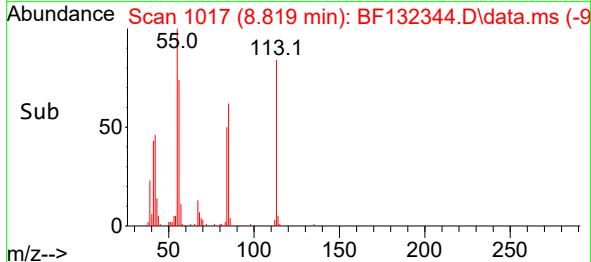
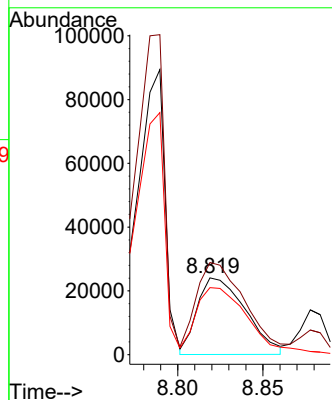
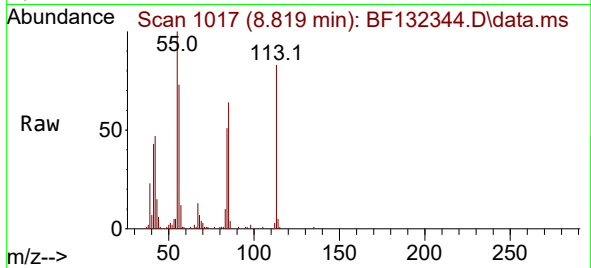




#35
Caprolactam
Concen: 15.534 ng
RT: 8.819 min Scan# 1013
Delta R.T. 0.035 min
Lab File: BF132344.D
Acq: 07 Feb 2023 14:55

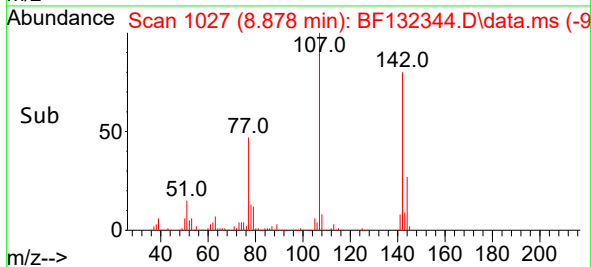
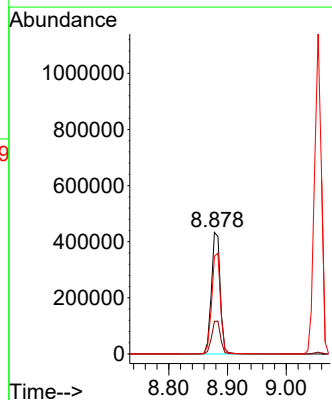
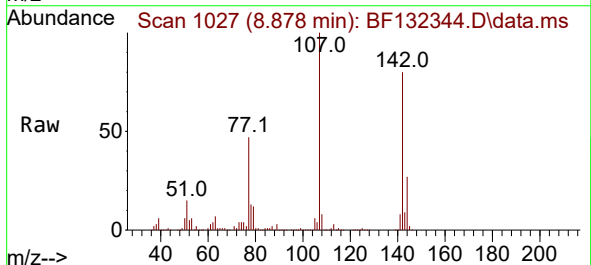
Instrument :
BNA_F
ClientSampleId :
B-01-SB02MS

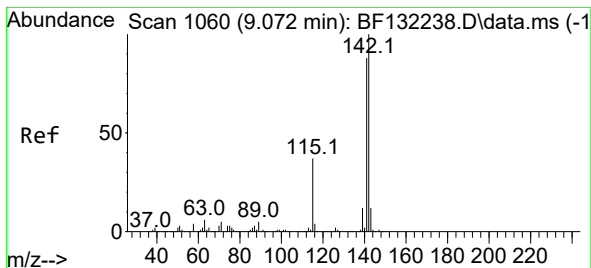
Tgt Ion:113 Resp: 47395
Ion Ratio Lower Upper
113 100
55 120.0 114.7 154.7
56 87.4 81.1 121.1



#36
4-Chloro-3-methylphenol
Concen: 46.779 ng
RT: 8.878 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF132344.D
Acq: 07 Feb 2023 14:55

Tgt Ion:107 Resp: 451017
Ion Ratio Lower Upper
107 100
144 26.9 20.5 30.7
142 80.4 63.6 95.4





#37

2-Methylnaphthalene

Concen: 43.620 ng

RT: 9.054 min Scan# 1057

Delta R.T. 0.000 min

Lab File: BF132344.D

Acq: 07 Feb 2023 14:55

Instrument :

BNA_F

ClientSampleId :

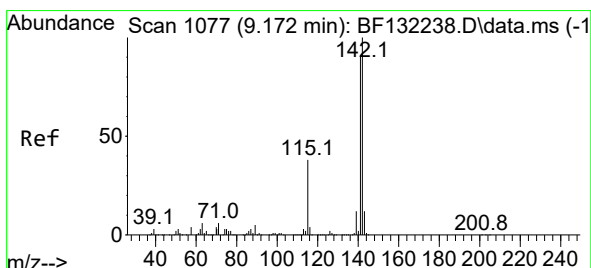
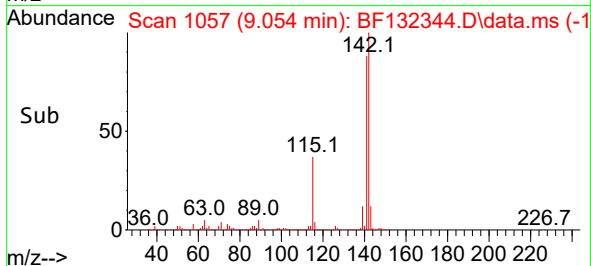
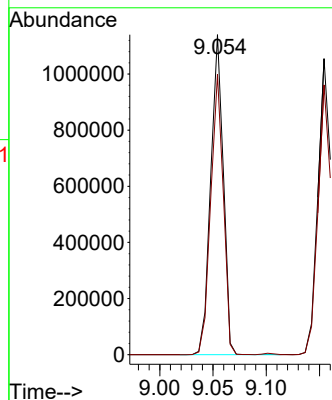
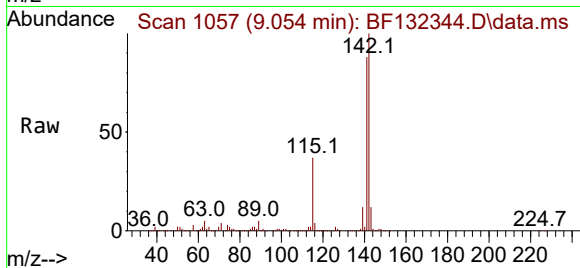
B-01-SB02MS

Tgt Ion:142 Resp: 936618

Ion Ratio Lower Upper

142 100

141 87.6 70.1 105.1



#38

1-Methylnaphthalene

Concen: 44.087 ng

RT: 9.154 min Scan# 1074

Delta R.T. 0.000 min

Lab File: BF132344.D

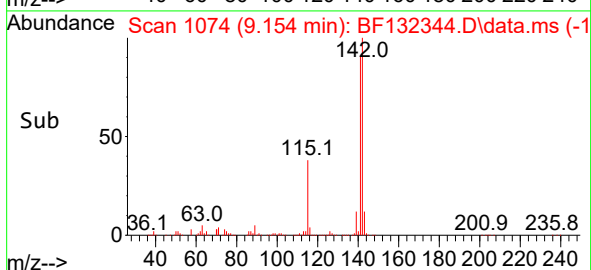
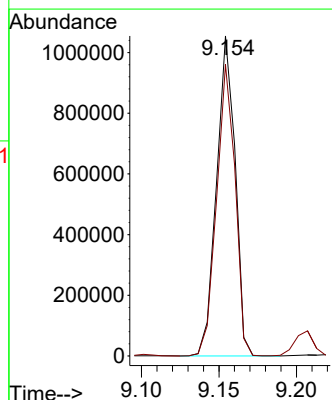
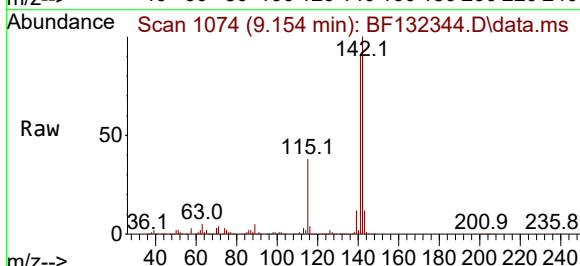
Acq: 07 Feb 2023 14:55

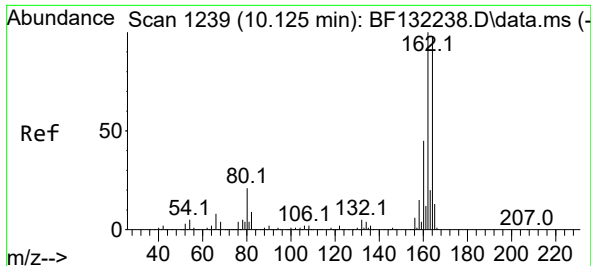
Tgt Ion:142 Resp: 879726

Ion Ratio Lower Upper

142 100

141 91.1 72.6 108.8

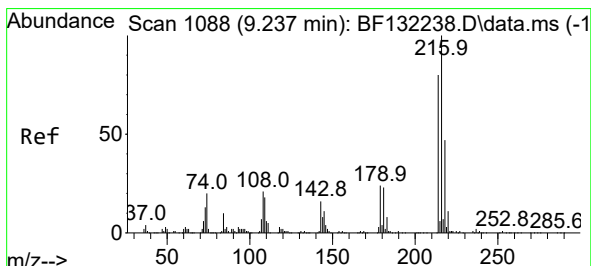
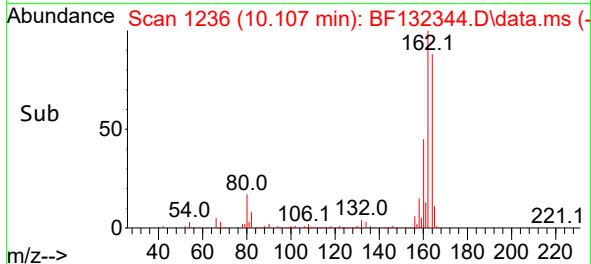
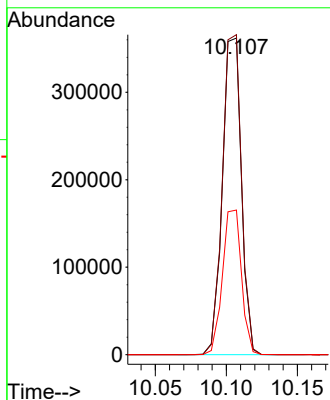
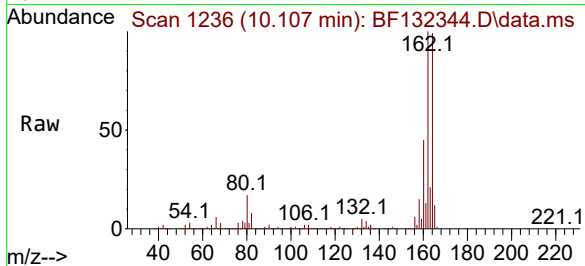




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.107 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF132344.D
 Acq: 07 Feb 2023 14:55

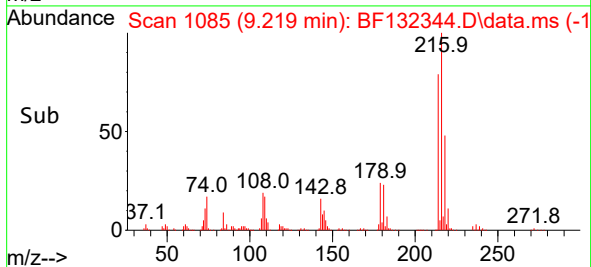
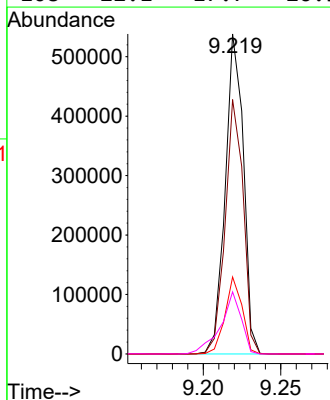
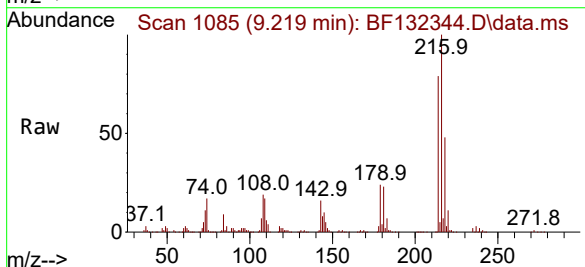
Instrument :
 BNA_F
 ClientSampleId :
 B-01-SB02MS

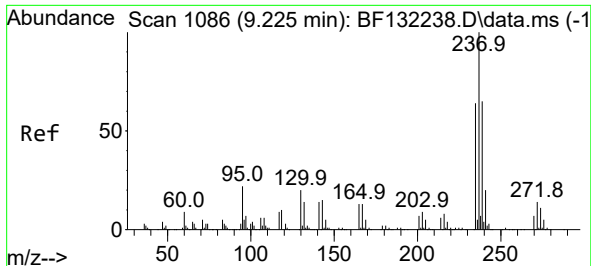
Tgt Ion:164 Resp: 336050
 Ion Ratio Lower Upper
 164 100
 162 101.1 82.0 123.0
 160 45.7 37.1 55.7



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.386 ng
 RT: 9.219 min Scan# 1085
 Delta R.T. 0.000 min
 Lab File: BF132344.D
 Acq: 07 Feb 2023 14:55

Tgt Ion:216 Resp: 438665
 Ion Ratio Lower Upper
 216 100
 214 78.7 63.6 95.4
 179 22.7 18.3 27.5
 108 22.1 17.7 26.5

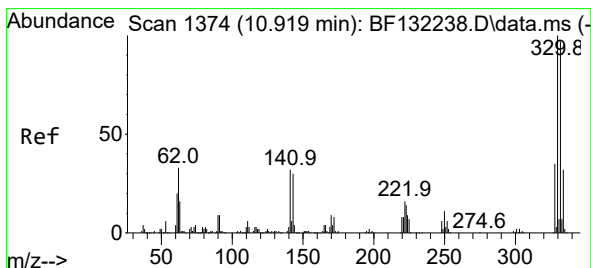
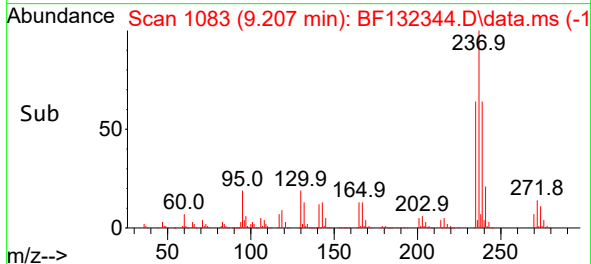
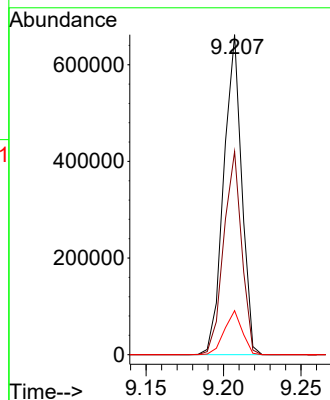
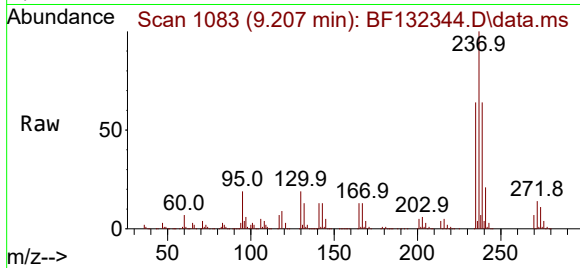




#41
Hexachlorocyclopentadiene
Concen: 96.778 ng
RT: 9.207 min Scan# 1086
Delta R.T. 0.000 min
Lab File: BF132344.D
Acq: 07 Feb 2023 14:55

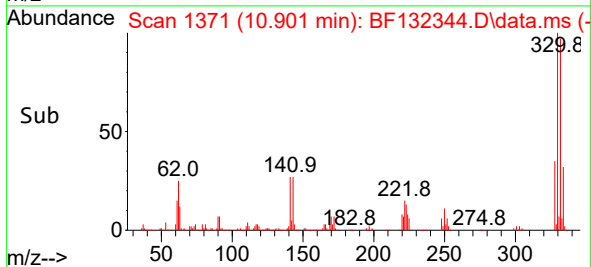
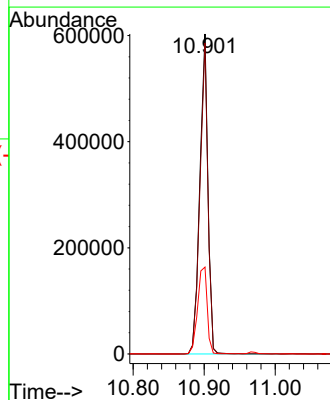
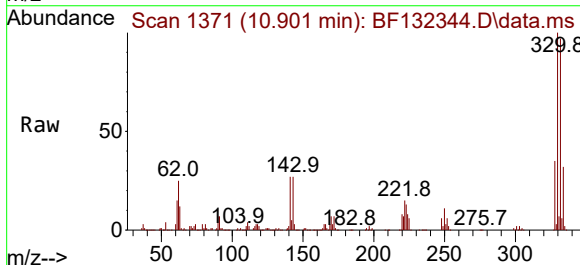
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BNA_F
ClientSampleId :
B-01-SB02MS

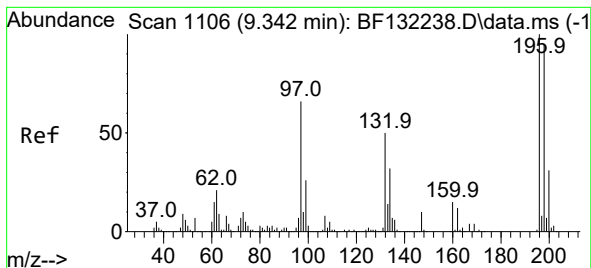
Tgt Ion:237 Resp: 533961
Ion Ratio Lower Upper
237 100
235 63.5 43.5 83.5
272 13.8 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 138.682 ng
RT: 10.901 min Scan# 1371
Delta R.T. 0.000 min
Lab File: BF132344.D
Acq: 07 Feb 2023 14:55

Tgt Ion:330 Resp: 479260
Ion Ratio Lower Upper
330 100
332 96.4 77.9 116.9
141 32.1 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 47.383 ng

RT: 9.331 min Scan# 1104

Delta R.T. 0.000 min

Lab File: BF132344.D

Acq: 07 Feb 2023 14:55

Instrument :

BNA_F

ClientSampleId :

B-01-SB02MS

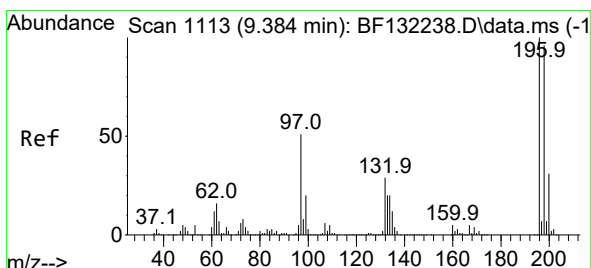
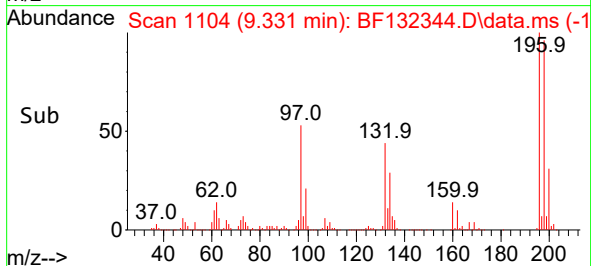
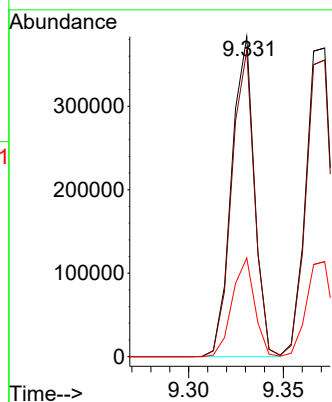
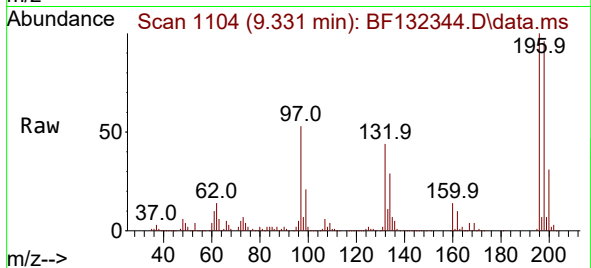
Tgt Ion:196 Resp: 320307

Ion Ratio Lower Upper

196 100

198 95.7 75.9 113.9

200 30.9 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 44.522 ng

RT: 9.372 min Scan# 1111

Delta R.T. 0.006 min

Lab File: BF132344.D

Acq: 07 Feb 2023 14:55

Tgt Ion:196 Resp: 346417

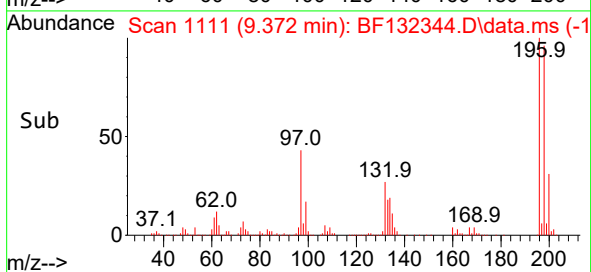
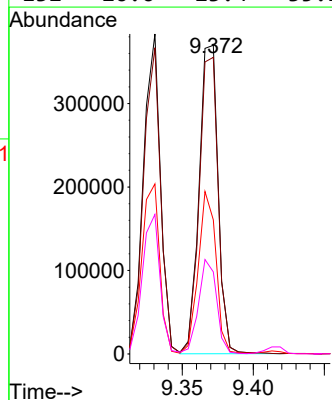
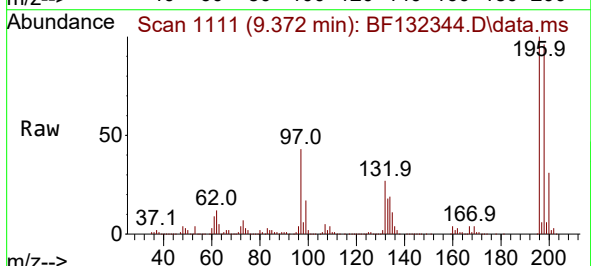
Ion Ratio Lower Upper

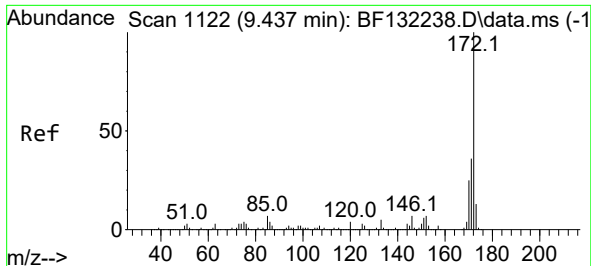
196 100

198 96.1 77.0 115.4

97 43.4 41.2 61.8

132 26.6 23.4 35.2

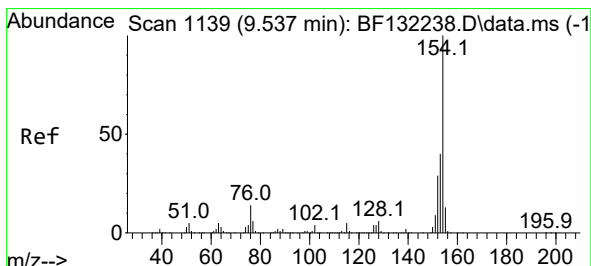
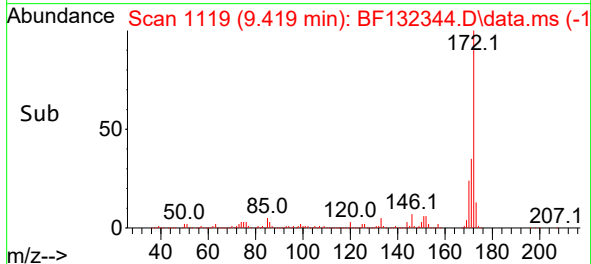
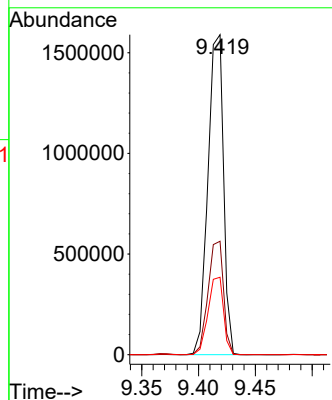
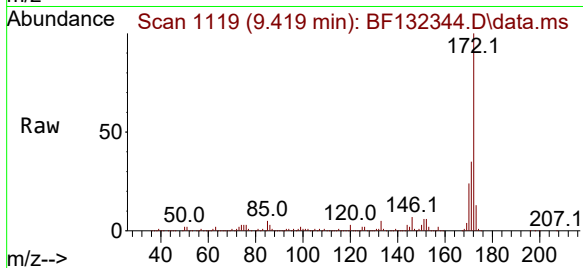




#45
2-Fluorobiphenyl
Concen: 69.549 ng
RT: 9.419 min Scan# 1119
Delta R.T. 0.000 min
Lab File: BF132344.D
Acq: 07 Feb 2023 14:55

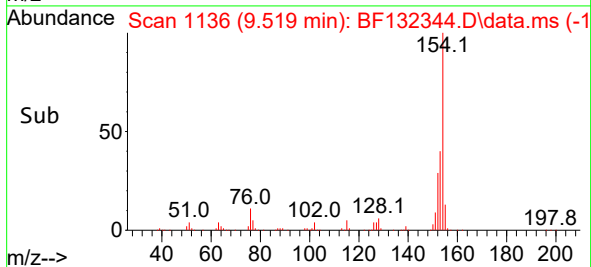
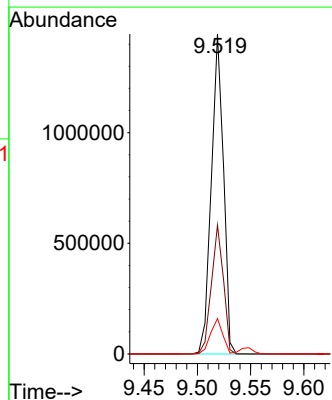
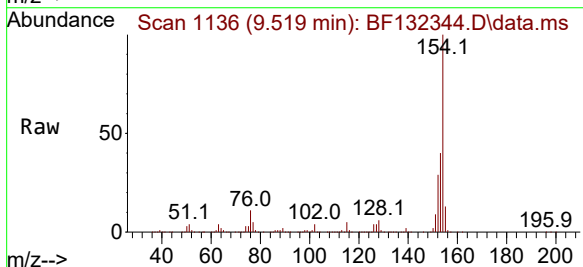
Instrument :
BNA_F
ClientSampleId :
B-01-SB02MS

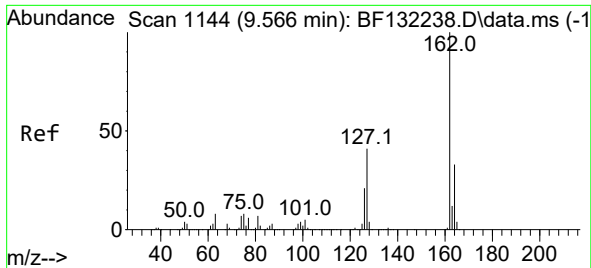
Tgt Ion:172 Resp: 1513476
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 24.2 19.7 29.5



#46
1,1'-Biphenyl
Concen: 44.303 ng
RT: 9.519 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BF132344.D
Acq: 07 Feb 2023 14:55

Tgt Ion:154 Resp: 1147797
Ion Ratio Lower Upper
154 100
153 40.3 19.9 59.9
76 11.0 0.0 34.0

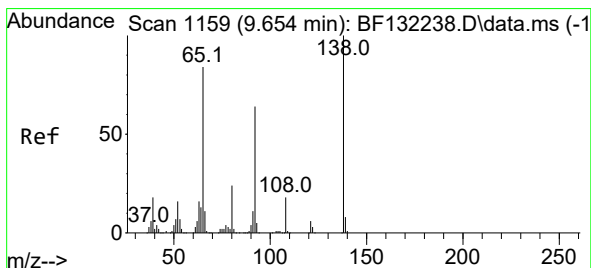
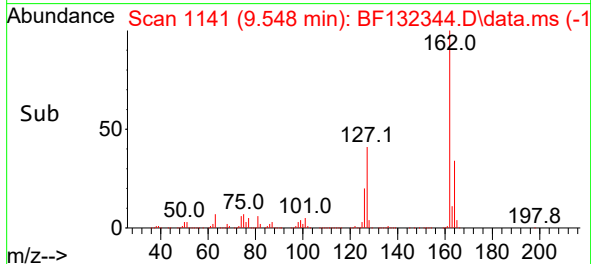
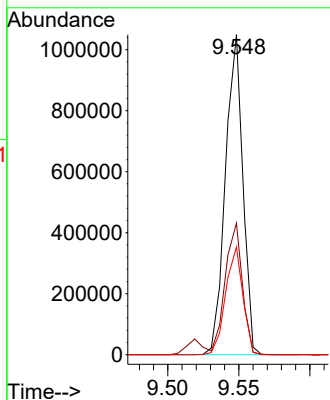
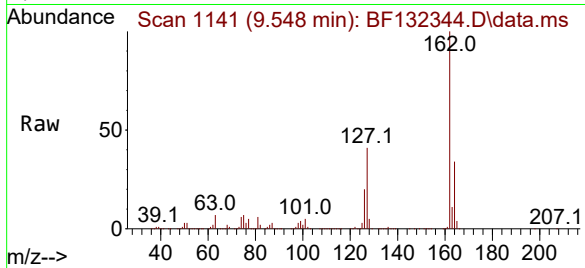




#47
2-Chloronaphthalene
Concen: 45.254 ng
RT: 9.548 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BF132344.D
Acq: 07 Feb 2023 14:55

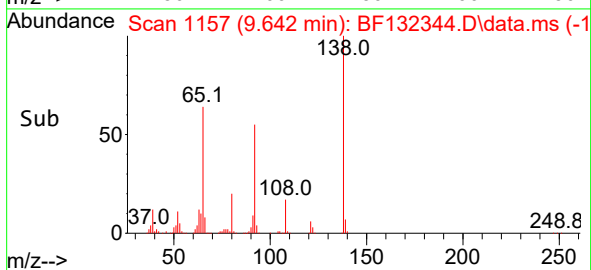
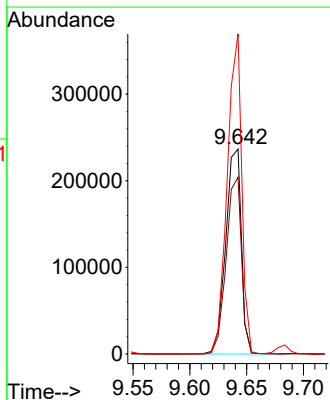
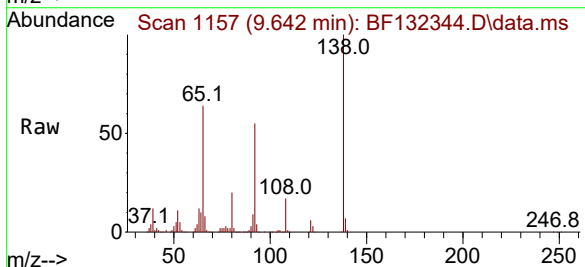
Instrument :
BNA_F
ClientSampleId :
B-01-SB02MS

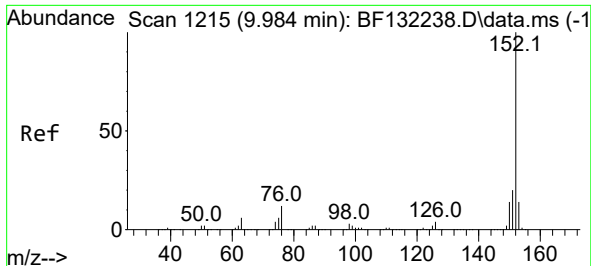
Tgt Ion:162 Resp: 892964
Ion Ratio Lower Upper
162 100
127 41.1 33.3 49.9
164 33.6 26.8 40.2



#48
2-Nitroaniline
Concen: 38.645 ng
RT: 9.642 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF132344.D
Acq: 07 Feb 2023 14:55

Tgt Ion: 65 Resp: 226792
Ion Ratio Lower Upper
65 100
92 86.3 61.0 91.4
138 156.1 95.0 142.4#





#49

Acenaphthylene

Concen: 43.480 ng

RT: 9.966 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BF132344.D

Acq: 07 Feb 2023 14:55

Instrument :

BNA_F

ClientSampleId :

B-01-SB02MS

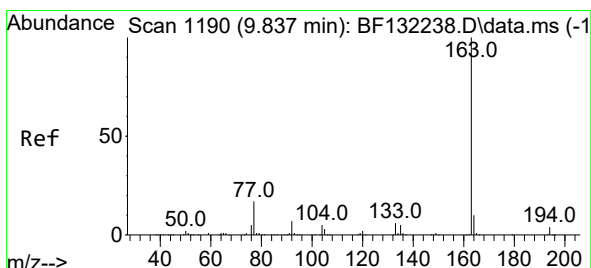
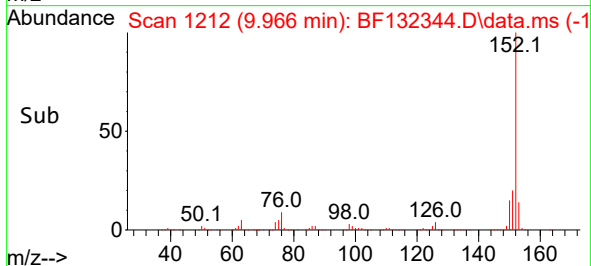
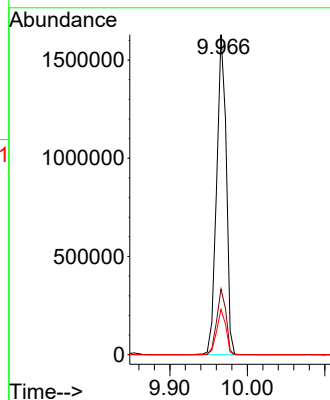
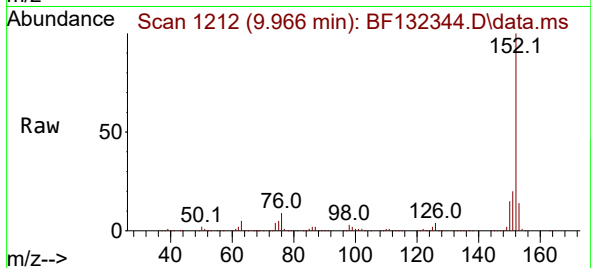
Tgt Ion:152 Resp: 1400266

Ion Ratio Lower Upper

152 100

151 20.5 15.9 23.9

153 14.1 10.9 16.3



#50

Dimethylphthalate

Concen: 45.999 ng

RT: 9.819 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BF132344.D

Acq: 07 Feb 2023 14:55

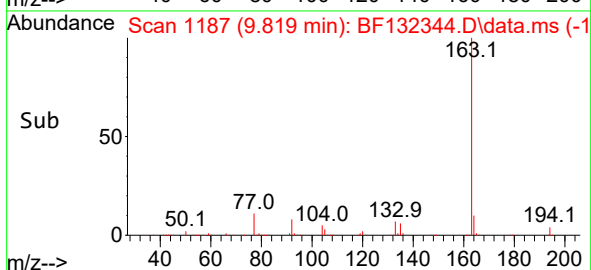
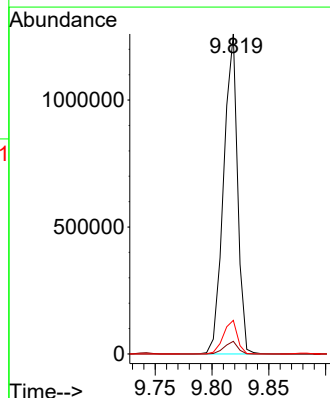
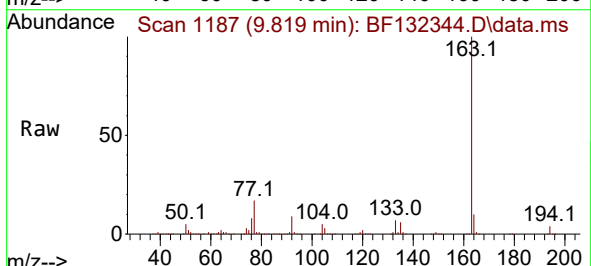
Tgt Ion:163 Resp: 1081289

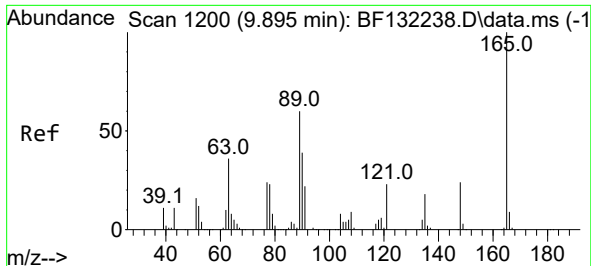
Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.4

164 10.5 7.9 11.9

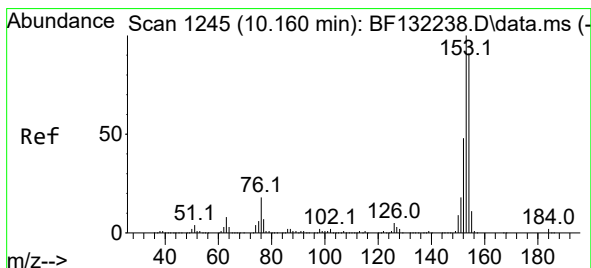
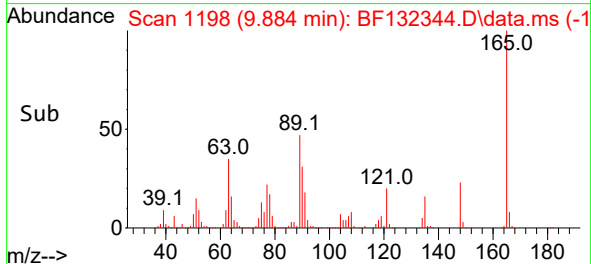
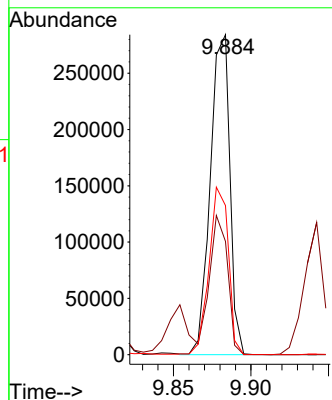
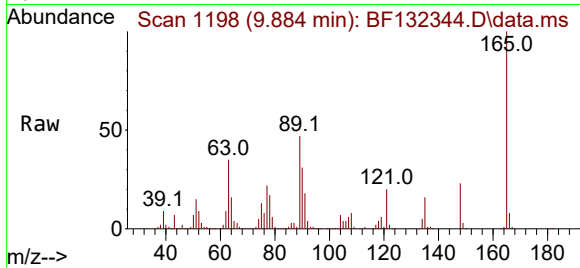




#51
2,6-Dinitrotoluene
Concen: 47.567 ng
RT: 9.884 min Scan# 1198
Delta R.T. 0.000 min
Lab File: BF132344.D
Acq: 07 Feb 2023 14:55

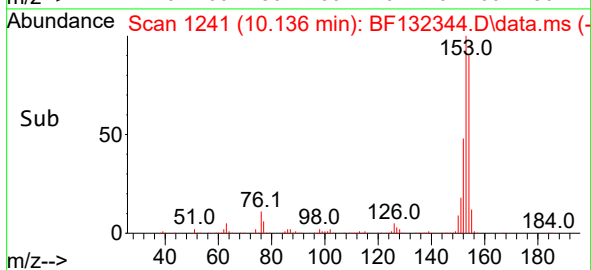
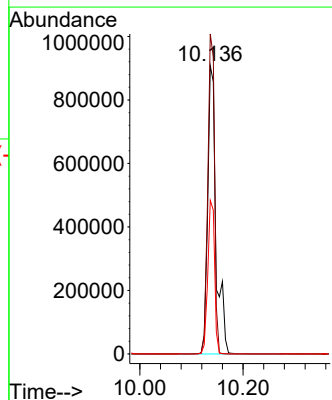
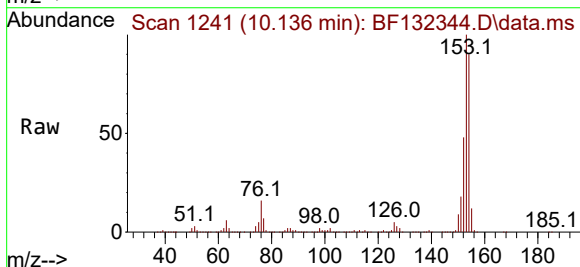
Instrument :
BNA_F
ClientSampleId :
B-01-SB02MS

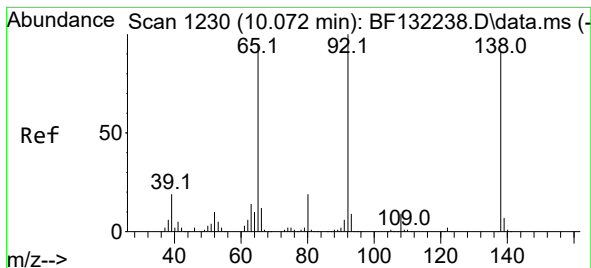
Tgt Ion:165 Resp: 249727
Ion Ratio Lower Upper
165 100
63 35.4 41.5 62.3#
89 46.6 48.1 72.1#



#52
Acenaphthene
Concen: 50.530 ng
RT: 10.136 min Scan# 1241
Delta R.T. -0.006 min
Lab File: BF132344.D
Acq: 07 Feb 2023 14:55

Tgt Ion:154 Resp: 1018801
Ion Ratio Lower Upper
154 100
153 111.0 88.3 132.5
152 53.3 42.7 64.1





#53

3-Nitroaniline

Concen: 20.514 ng

RT: 10.048 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF132344.D

Acq: 07 Feb 2023 14:55

Instrument :

BNA_F

ClientSampleId :

B-01-SB02MS

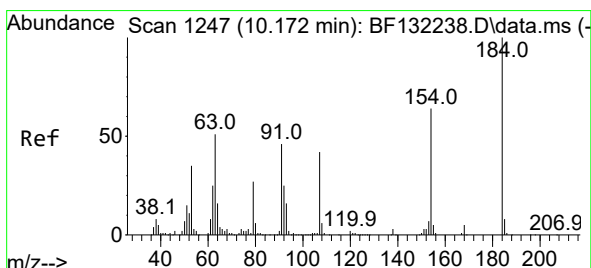
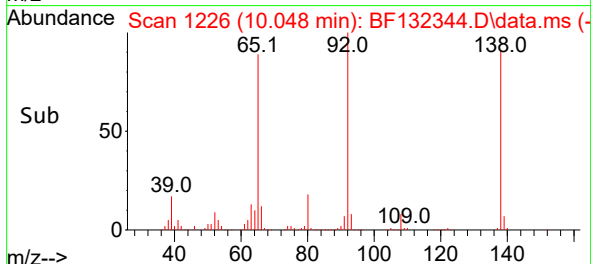
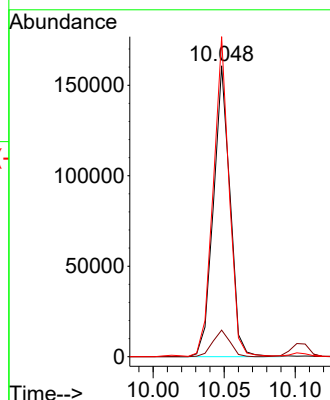
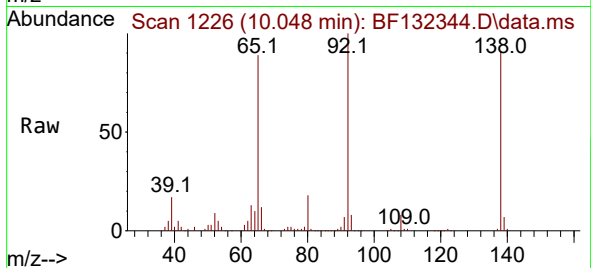
Tgt Ion:138 Resp: 130608

Ion Ratio Lower Upper

138 100

108 9.1 7.6 11.4

92 110.0 88.3 132.5



#54

2,4-Dinitrophenol

Concen: 100.464 ng

RT: 10.160 min Scan# 1245

Delta R.T. 0.006 min

Lab File: BF132344.D

Acq: 07 Feb 2023 14:55

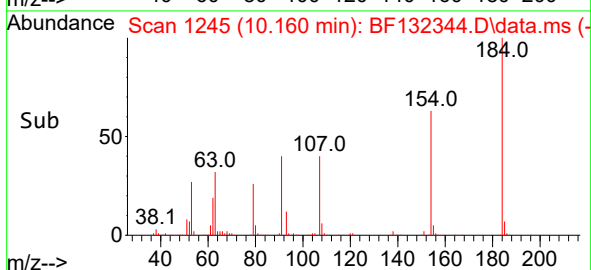
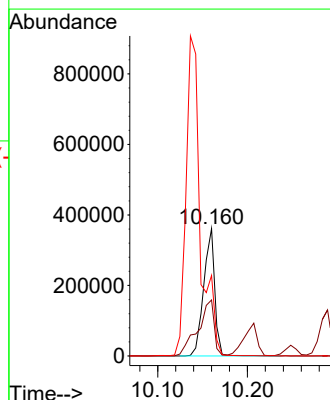
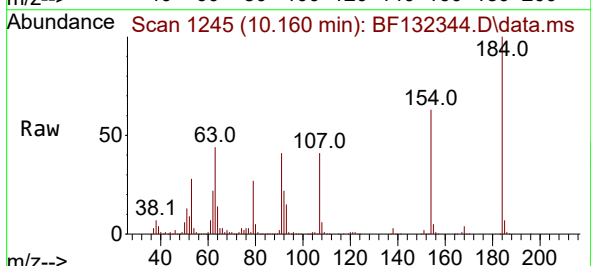
Tgt Ion:184 Resp: 309296

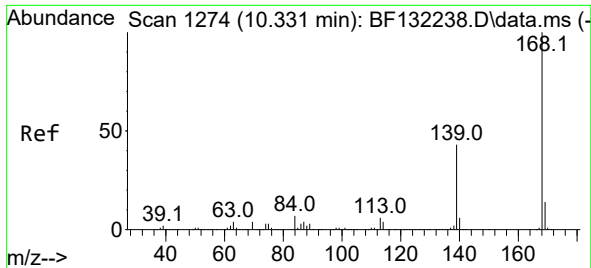
Ion Ratio Lower Upper

184 100

63 43.9 41.6 62.4

154 63.1 57.0 85.6

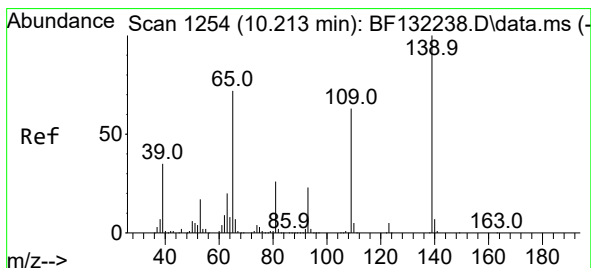
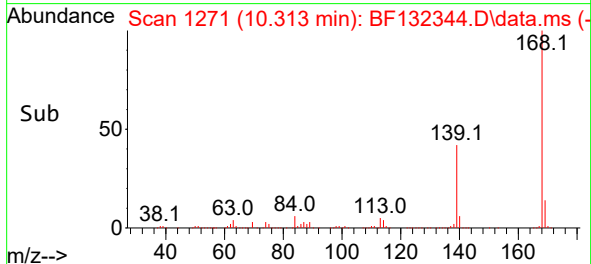
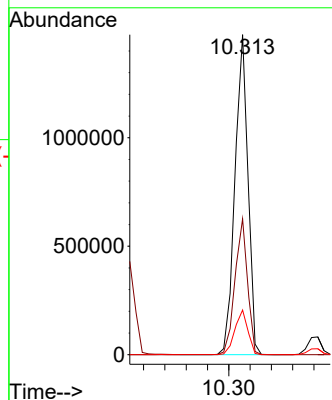
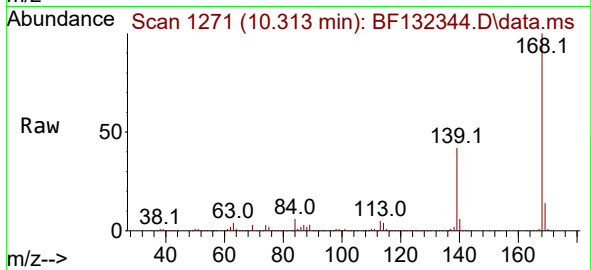




#55
Dibenzenofuran
Concen: 44.169 ng
RT: 10.313 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BF132344.D
Acq: 07 Feb 2023 14:55

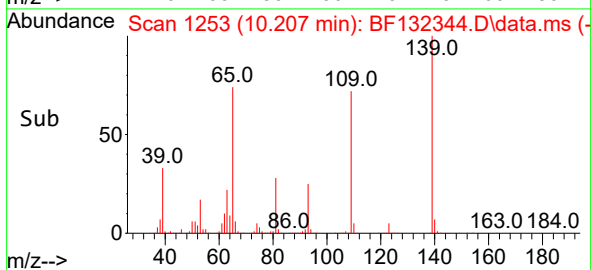
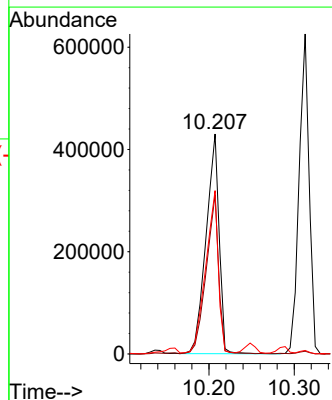
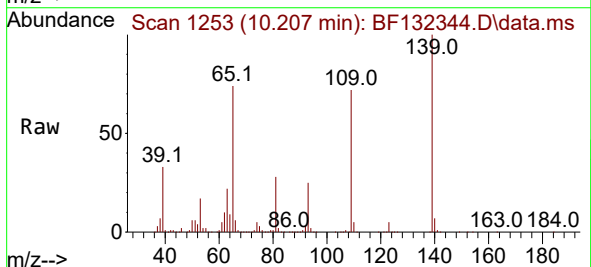
Instrument :
BNA_F
ClientSampleId :
B-01-SB02MS

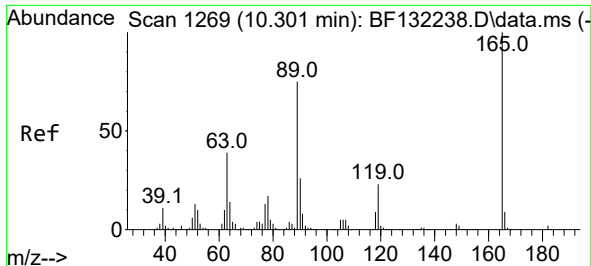
Tgt Ion:168 Resp: 1251239
Ion Ratio Lower Upper
168 100
139 42.4 34.2 51.4
169 13.9 11.2 16.8



#56
4-Nitrophenol
Concen: 95.642 ng
RT: 10.207 min Scan# 1253
Delta R.T. 0.012 min
Lab File: BF132344.D
Acq: 07 Feb 2023 14:55

Tgt Ion:139 Resp: 458216
Ion Ratio Lower Upper
139 100
109 72.5 43.3 83.3
65 74.3 52.3 92.3

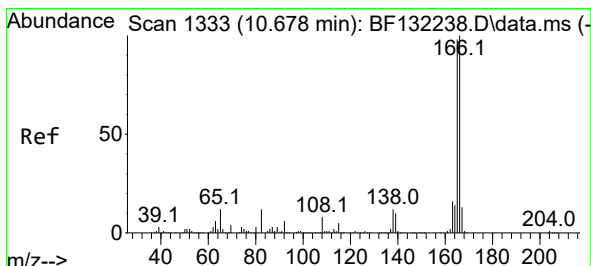
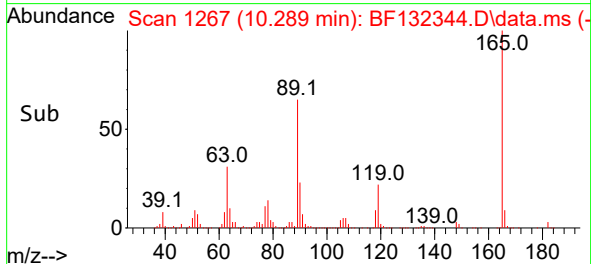
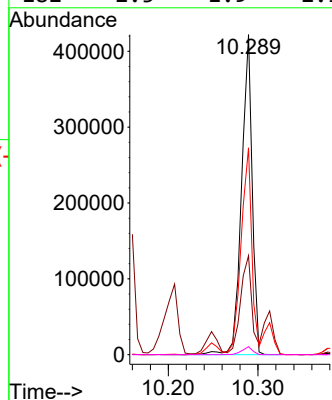
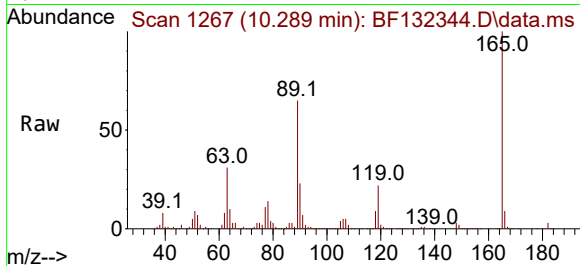




#57
2,4-Dinitrotoluene
Concen: 50.999 ng
RT: 10.289 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF132344.D
Acq: 07 Feb 2023 14:55

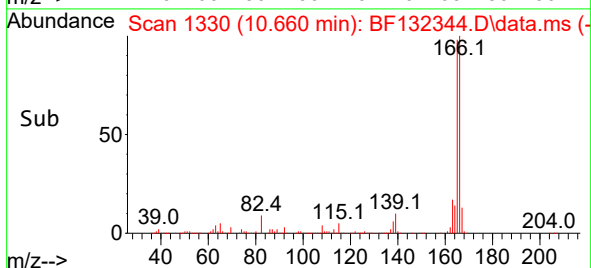
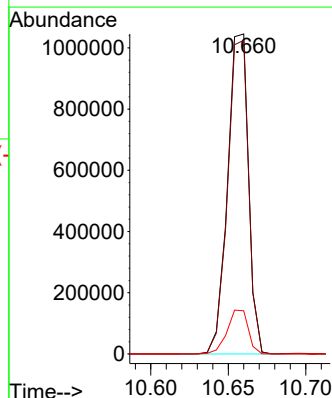
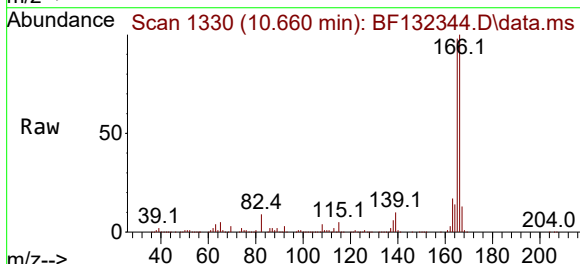
Instrument :
BNA_F
ClientSampleId :
B-01-SB02MS

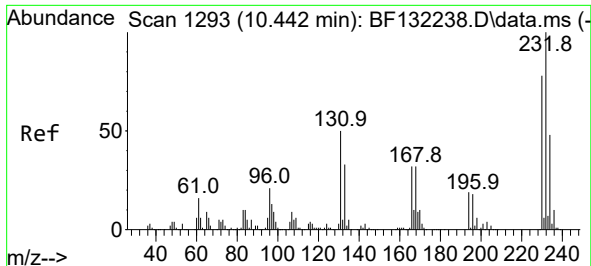
Tgt Ion:165 Resp: 347801
Ion Ratio Lower Upper
165 100
63 30.9 30.9 46.3
89 64.7 60.1 90.1
182 2.5 1.9 2.9



#58
Fluorene
Concen: 45.112 ng
RT: 10.660 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BF132344.D
Acq: 07 Feb 2023 14:55

Tgt Ion:166 Resp: 983527
Ion Ratio Lower Upper
166 100
165 98.0 78.0 117.0
167 13.5 10.8 16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 50.716 ng

RT: 10.425 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF132344.D

Acq: 07 Feb 2023 14:55

Instrument :

BNA_F

ClientSampleId :

B-01-SB02MS

Tgt Ion:232 Resp: 287674

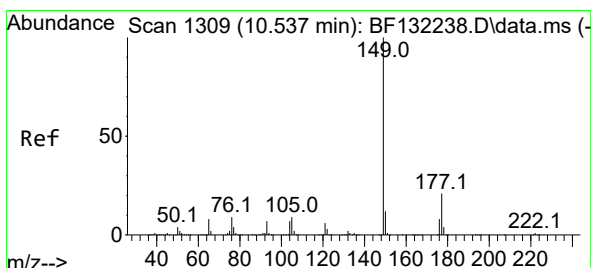
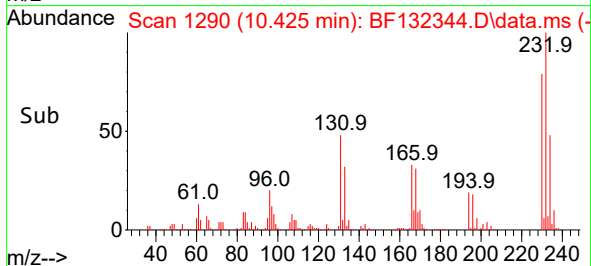
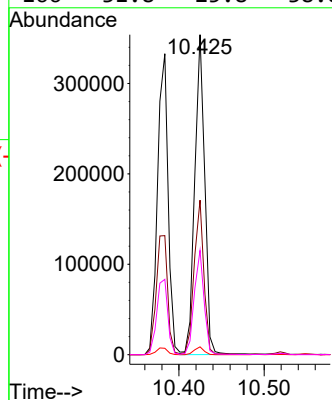
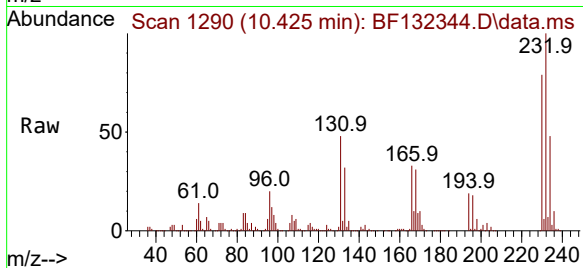
Ion Ratio Lower Upper

232 100

131 47.0 40.6 61.0

130 2.3 1.9 2.9

166 31.8 25.8 38.8



#60

Diethylphthalate

Concen: 46.657 ng

RT: 10.519 min Scan# 1306

Delta R.T. 0.000 min

Lab File: BF132344.D

Acq: 07 Feb 2023 14:55

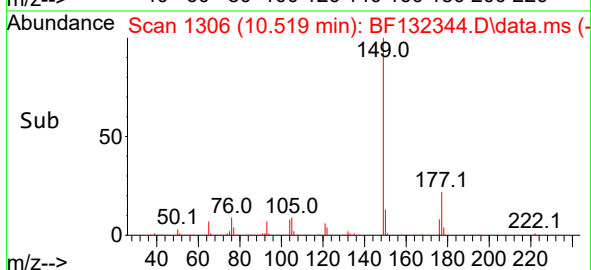
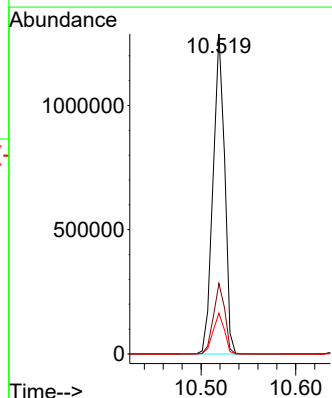
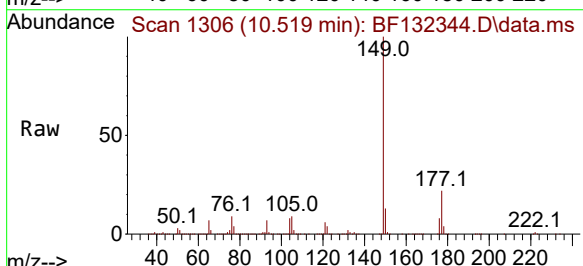
Tgt Ion:149 Resp: 1091060

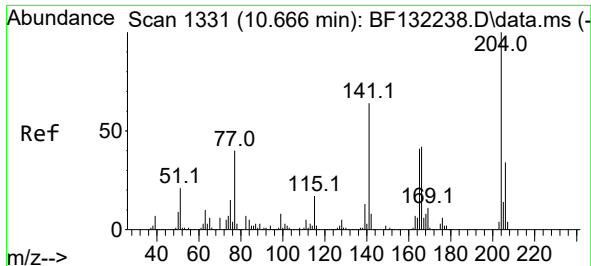
Ion Ratio Lower Upper

149 100

177 22.1 17.1 25.7

150 12.8 9.9 14.9

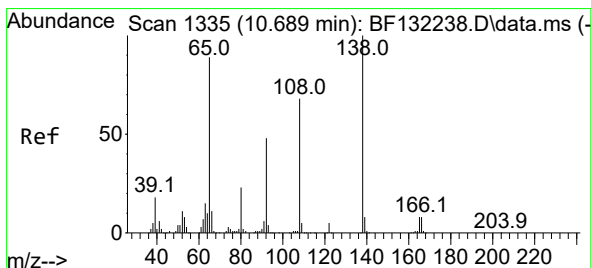
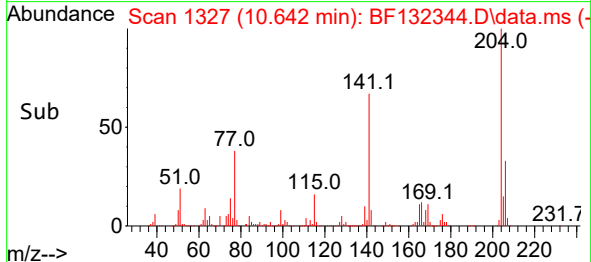
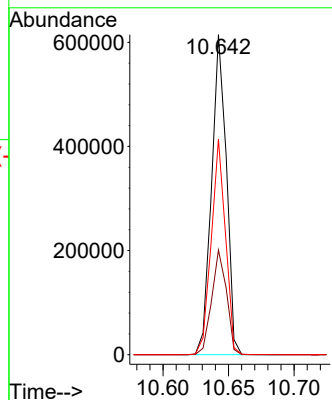
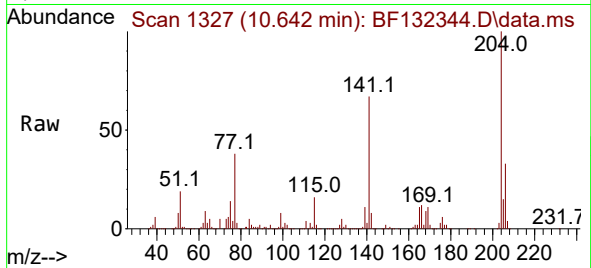




#61
4-Chlorophenyl-phenylether
Concen: 46.528 ng
RT: 10.642 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF132344.D
Acq: 07 Feb 2023 14:55

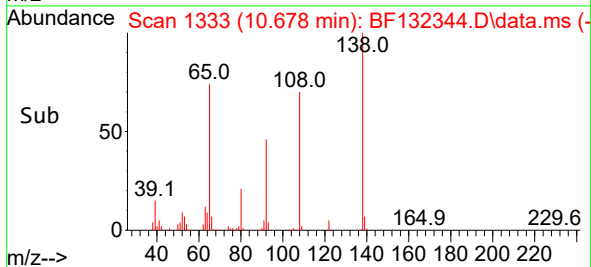
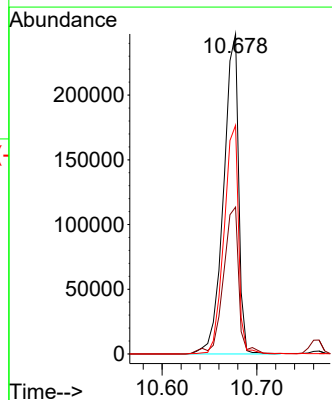
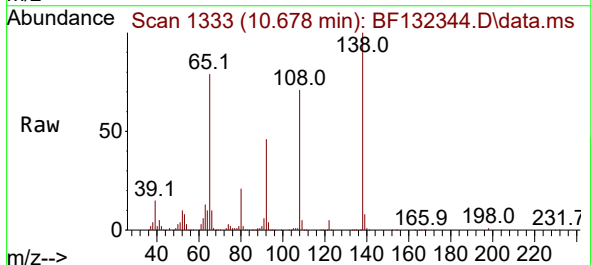
Instrument :
BNA_F
ClientSampleId :
B-01-SB02MS

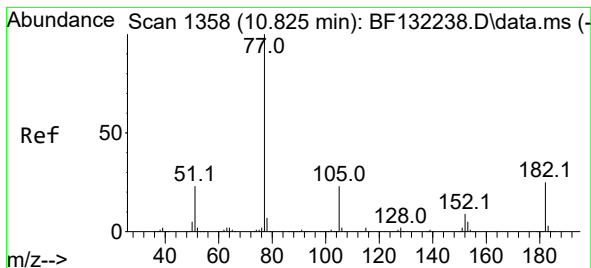
Tgt Ion:204 Resp: 481414
Ion Ratio Lower Upper
204 100
206 32.7 26.8 40.2
141 67.4 51.4 77.0



#62
4-Nitroaniline
Concen: 44.581 ng
RT: 10.678 min Scan# 1333
Delta R.T. 0.006 min
Lab File: BF132344.D
Acq: 07 Feb 2023 14:55

Tgt Ion:138 Resp: 272178
Ion Ratio Lower Upper
138 100
92 45.9 27.7 67.7
108 71.4 48.5 88.5





#63

Azobenzene

Concen: 48.975 ng

RT: 10.807 min Scan# 1115585

Delta R.T. 0.000 min

Lab File: BF132344.D

Acq: 07 Feb 2023 14:55

Instrument :

BNA_F

ClientSampleId :

B-01-SB02MS

Tgt Ion: 77 Resp: 1115585

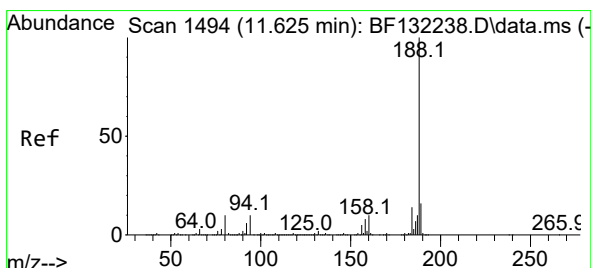
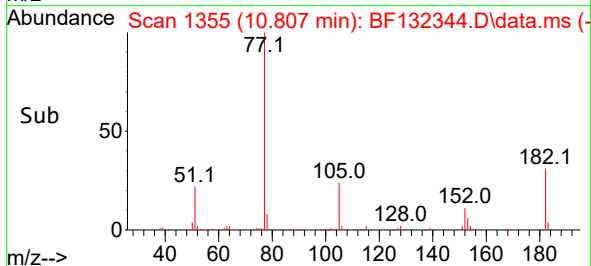
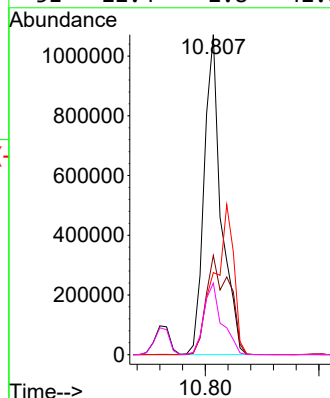
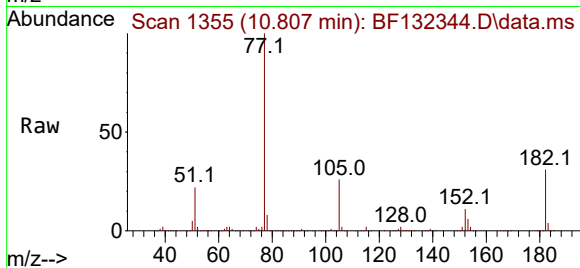
Ion Ratio Lower Upper

77 100

182 31.0 4.5 44.5

105 25.7 2.7 42.7

51 22.4 2.8 42.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.601 min Scan# 1490

Delta R.T. 0.000 min

Lab File: BF132344.D

Acq: 07 Feb 2023 14:55

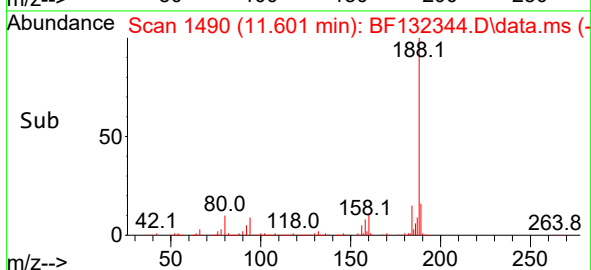
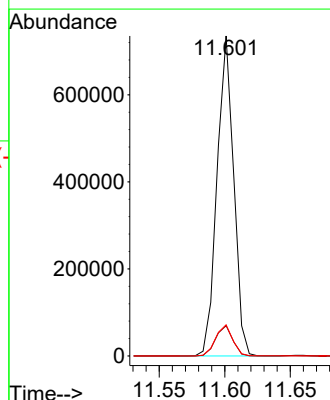
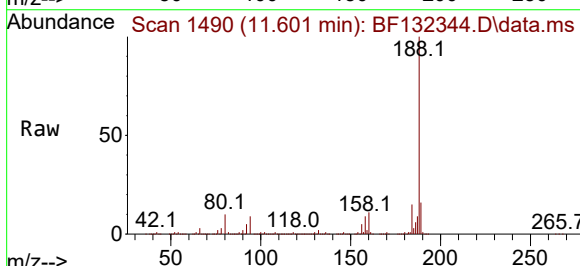
Tgt Ion: 188 Resp: 648165

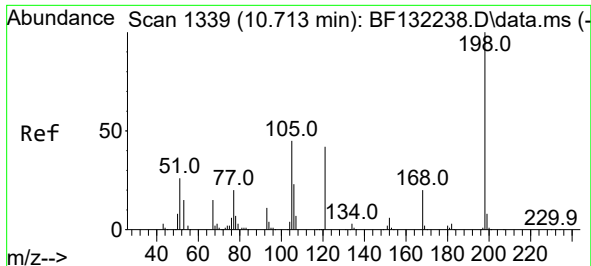
Ion Ratio Lower Upper

188 100

94 9.4 8.2 12.2

80 9.7 8.3 12.5

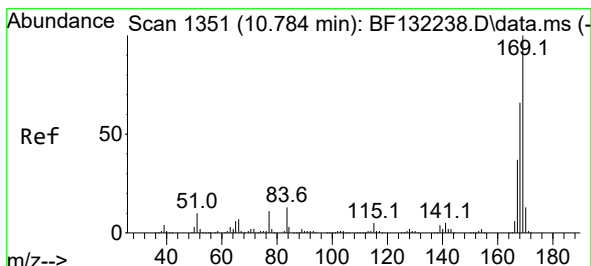
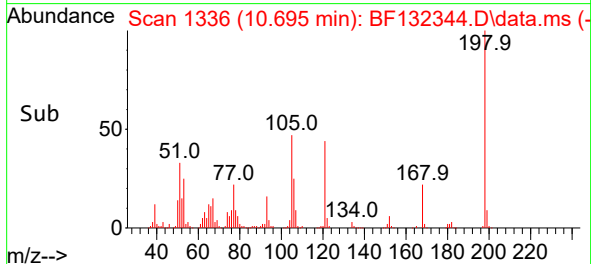
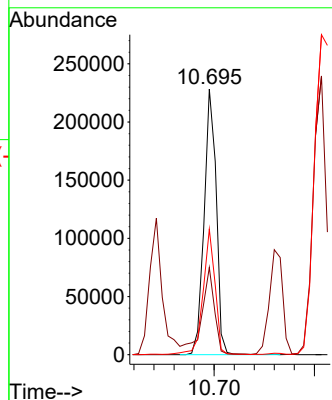
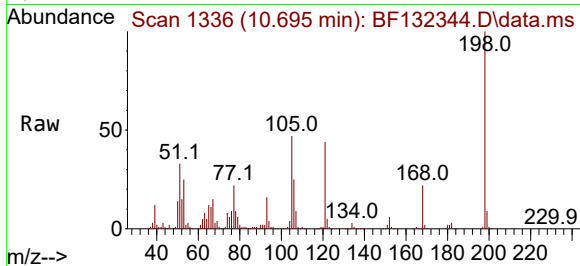




#65
4,6-Dinitro-2-methylphenol
Concen: 52.196 ng
RT: 10.695 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132344.D
Acq: 07 Feb 2023 14:55

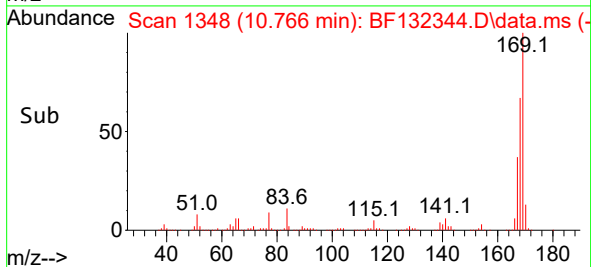
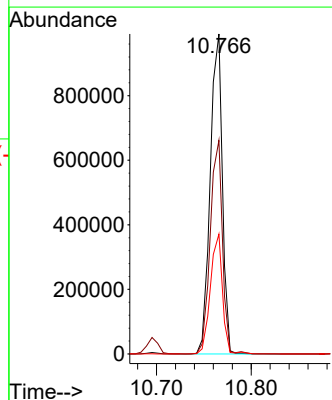
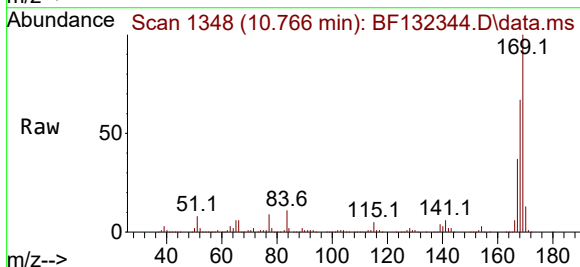
Instrument :
BNA_F
ClientSampleId :
B-01-SB02MS

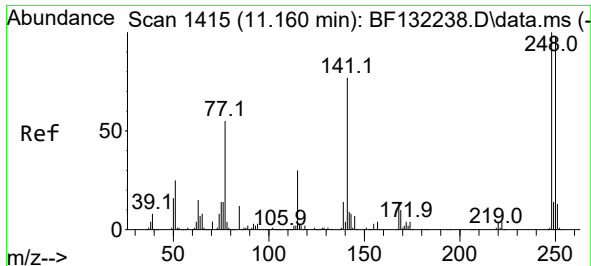
Tgt Ion:198 Resp: 192016
Ion Ratio Lower Upper
198 100
51 32.8 13.1 53.1
105 47.3 26.0 66.0



#66
n-Nitrosodiphenylamine
Concen: 43.215 ng
RT: 10.766 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF132344.D
Acq: 07 Feb 2023 14:55

Tgt Ion:169 Resp: 877094
Ion Ratio Lower Upper
169 100
168 66.7 52.6 79.0
167 37.5 29.5 44.3

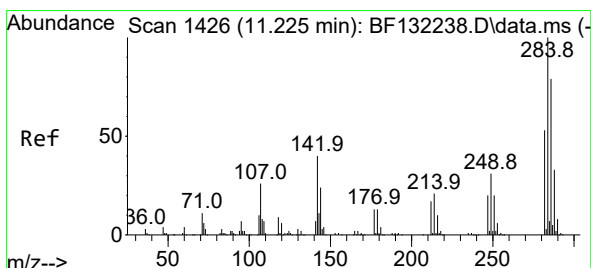
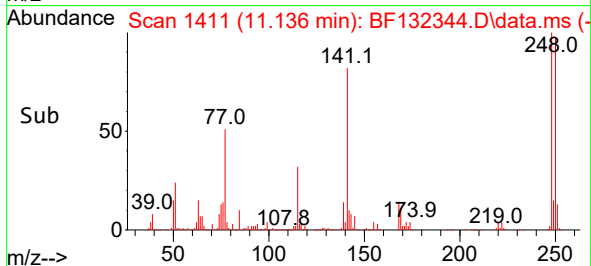
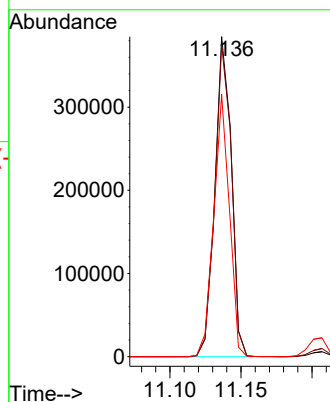
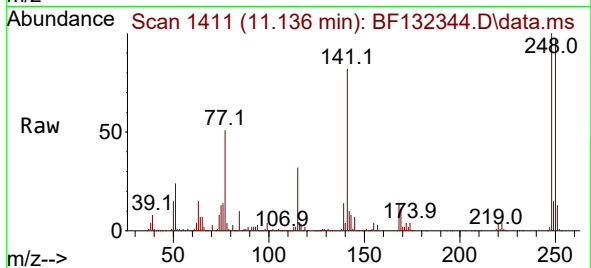




#67
4-Bromophenyl-phenylether
Concen: 46.580 ng
RT: 11.136 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF132344.D
Acq: 07 Feb 2023 14:55

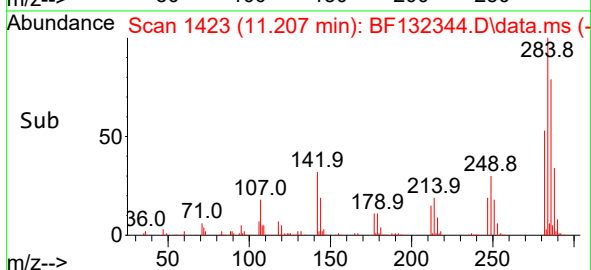
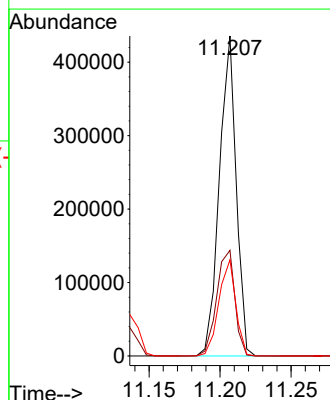
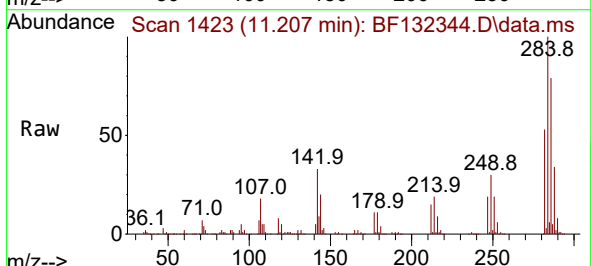
Instrument :
BNA_F
ClientSampleId :
B-01-SB02MS

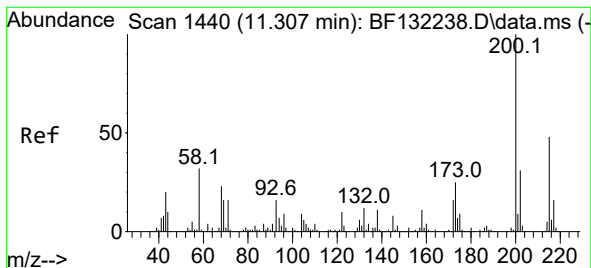
Tgt Ion:248 Resp: 309161
Ion Ratio Lower Upper
248 100
250 97.4 78.6 117.8
141 81.9 61.6 92.4



#68
Hexachlorobenzene
Concen: 50.496 ng
RT: 11.207 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF132344.D
Acq: 07 Feb 2023 14:55

Tgt Ion:284 Resp: 358219
Ion Ratio Lower Upper
284 100
142 33.0 32.2 48.4
249 30.0 25.0 37.6





#69

Atrazine

Concen: 52.841 ng

RT: 11.289 min Scan# 1437

Delta R.T. 0.000 min

Lab File: BF132344.D

Acq: 07 Feb 2023 14:55

Instrument :

BNA_F

ClientSampleId :

B-01-SB02MS

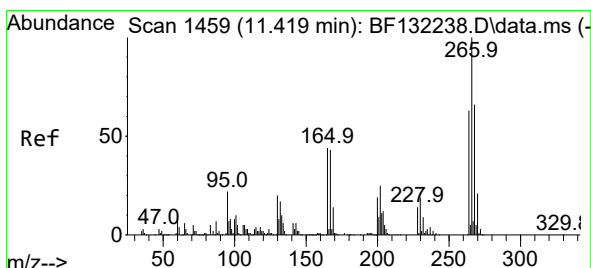
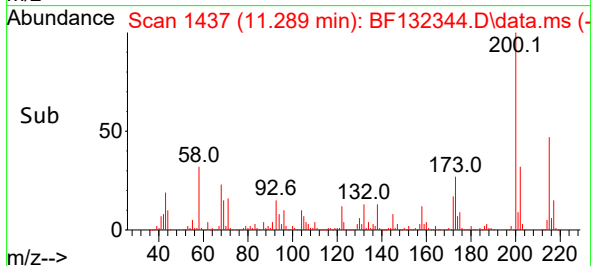
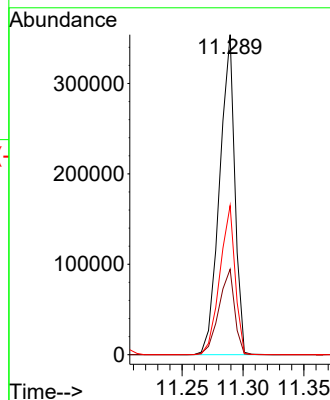
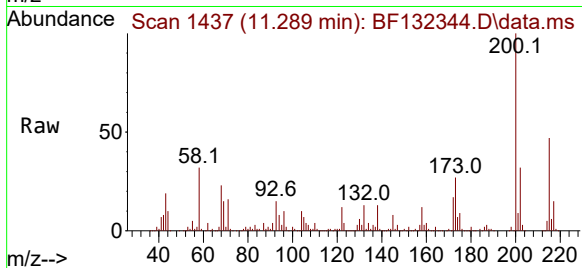
Tgt Ion:200 Resp: 308479

Ion Ratio Lower Upper

200 100

173 26.7 5.1 45.1

215 46.6 27.6 67.6



#70

Pentachlorophenol

Concen: 86.430 ng

RT: 11.401 min Scan# 1456

Delta R.T. 0.000 min

Lab File: BF132344.D

Acq: 07 Feb 2023 14:55

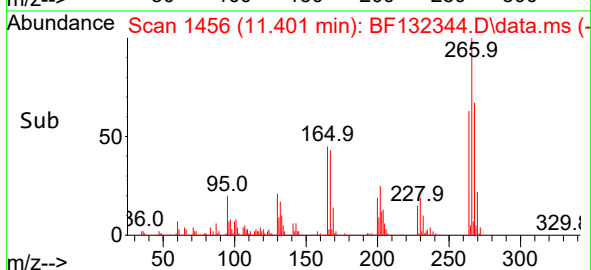
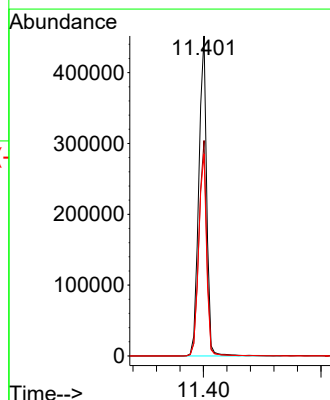
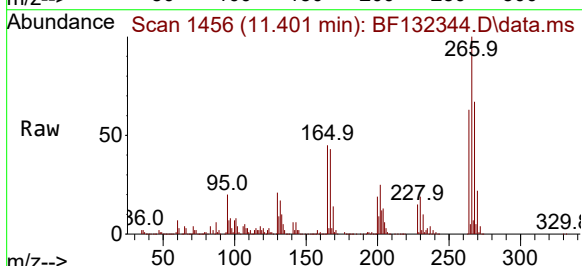
Tgt Ion:266 Resp: 421280

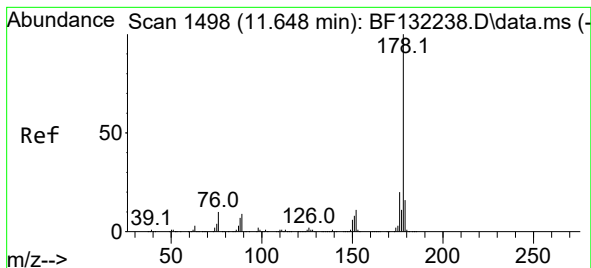
Ion Ratio Lower Upper

266 100

268 67.3 53.0 79.4

264 63.2 50.5 75.7





#71

Phenanthrene

Concen: 44.319 ng

RT: 11.625 min Scan# 1498

Delta R.T. -0.006 min

Lab File: BF132344.D

Acq: 07 Feb 2023 14:55

Instrument :

BNA_F

ClientSampleId :

B-01-SB02MS

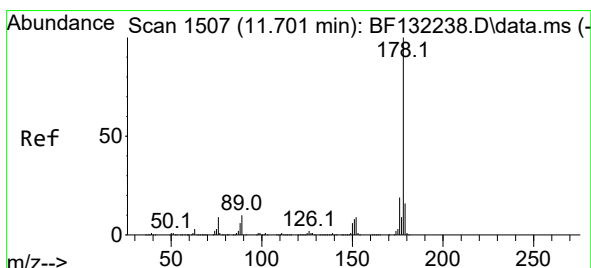
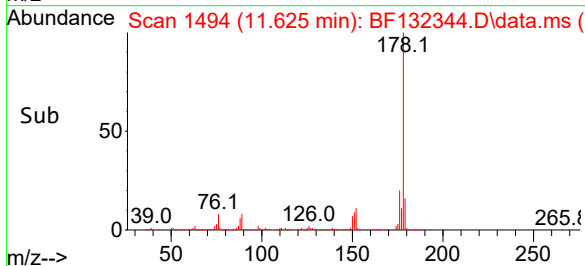
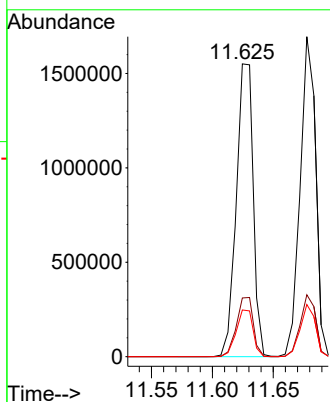
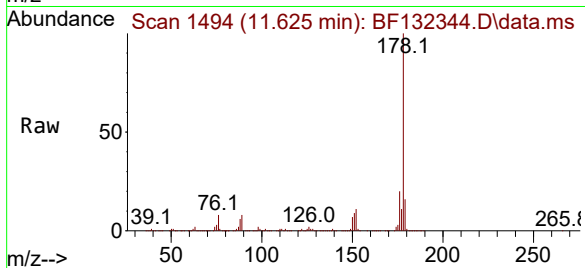
Tgt Ion:178 Resp: 1501111

Ion Ratio Lower Upper

178 100

176 20.1 16.2 24.4

179 16.0 12.8 19.2



#72

Anthracene

Concen: 43.935 ng

RT: 11.678 min Scan# 1503

Delta R.T. 0.000 min

Lab File: BF132344.D

Acq: 07 Feb 2023 14:55

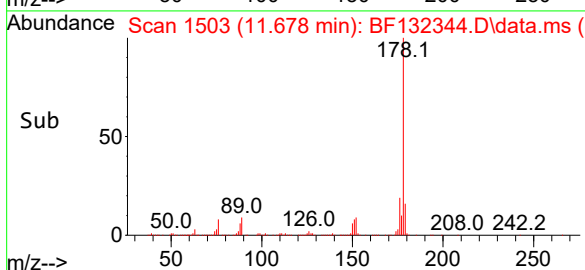
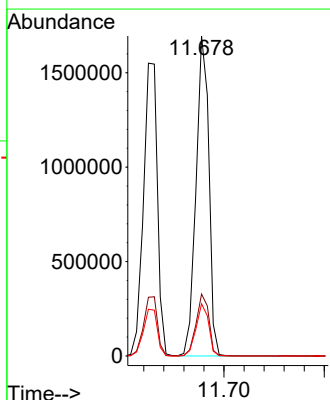
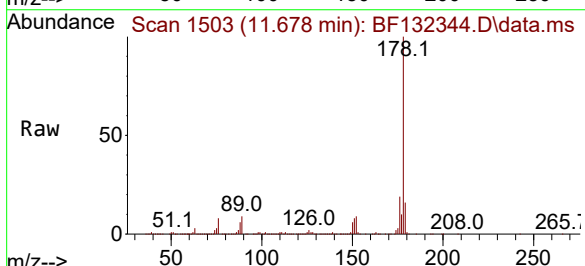
Tgt Ion:178 Resp: 1514414

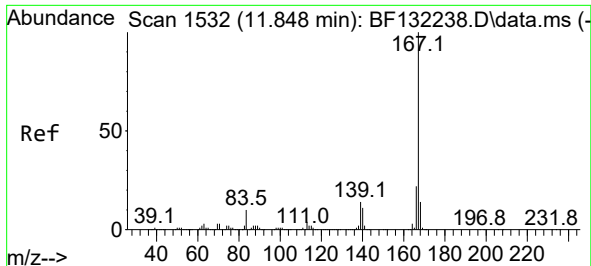
Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

179 16.3 12.8 19.2

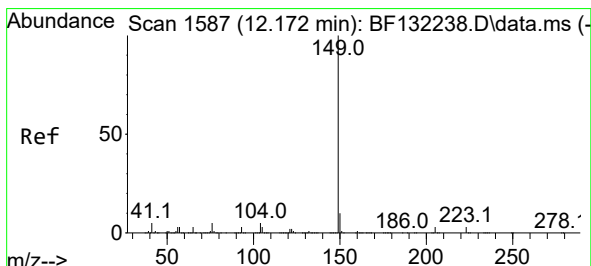
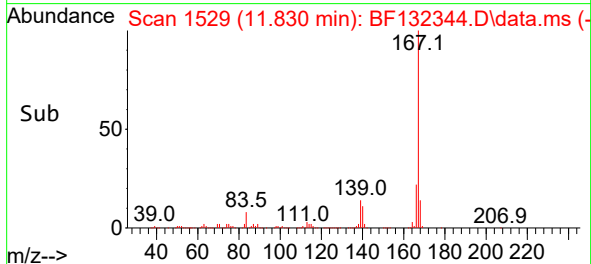
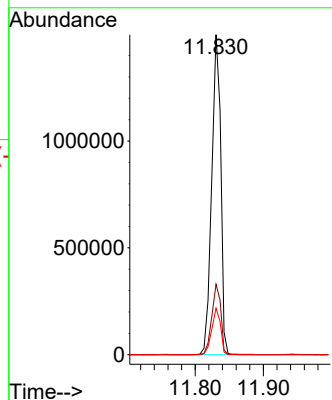
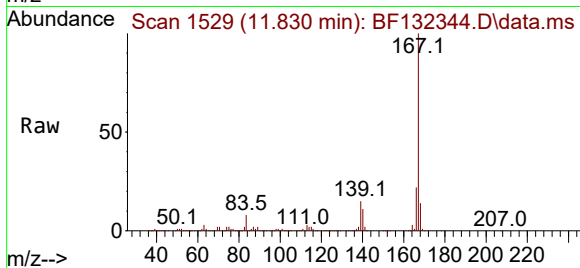




#73
 Carbazole
 Concen: 44.785 ng
 RT: 11.830 min Scan# 1529
 Delta R.T. 0.000 min
 Lab File: BF132344.D
 Acq: 07 Feb 2023 14:55

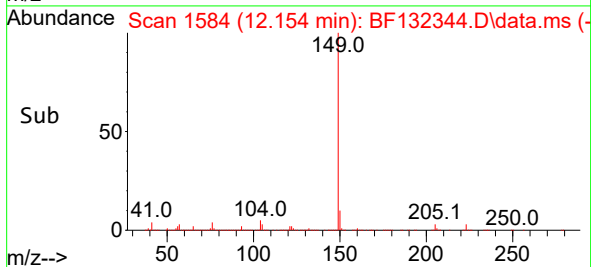
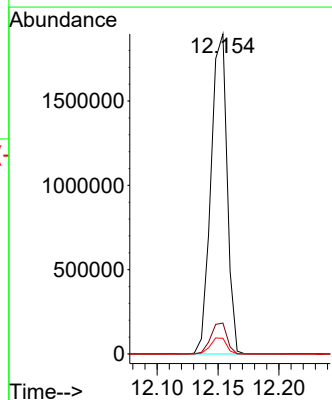
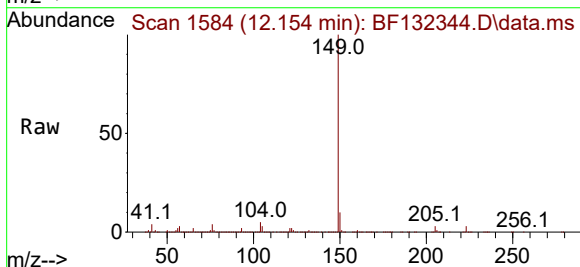
Instrument :
 BNA_F
 ClientSampleId :
 B-01-SB02MS

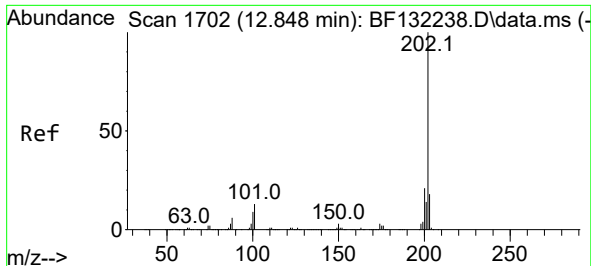
Tgt Ion:167 Resp: 1384168
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.0
 139 14.5 11.4 17.2



#74
 Di-n-butylphthalate
 Concen: 47.893 ng
 RT: 12.154 min Scan# 1584
 Delta R.T. 0.000 min
 Lab File: BF132344.D
 Acq: 07 Feb 2023 14:55

Tgt Ion:149 Resp: 1749969
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.8 11.8
 104 4.9 4.3 6.5

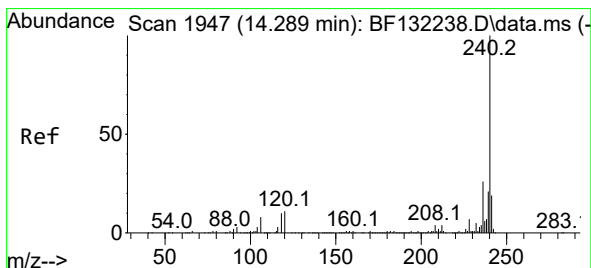
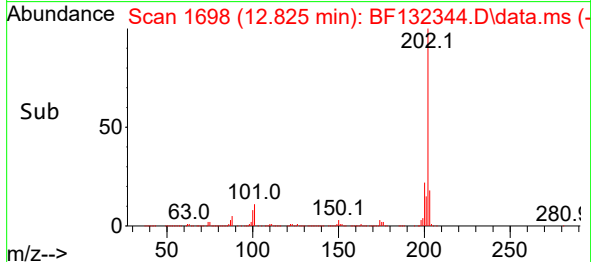
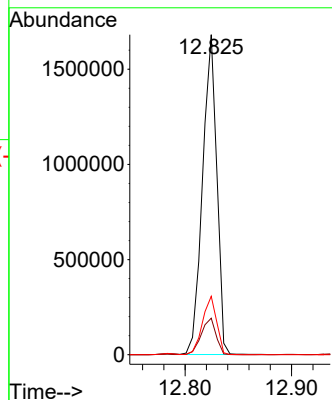
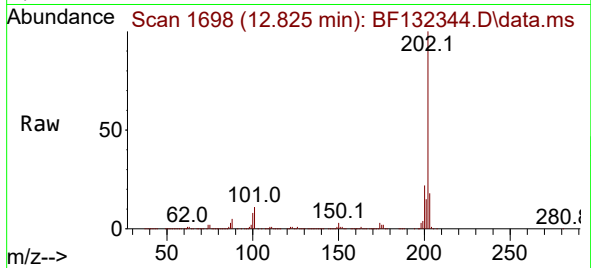




#75
Fluoranthene
Concen: 45.300 ng
RT: 12.825 min Scan# 1698
Delta R.T. 0.000 min
Lab File: BF132344.D
Acq: 07 Feb 2023 14:55

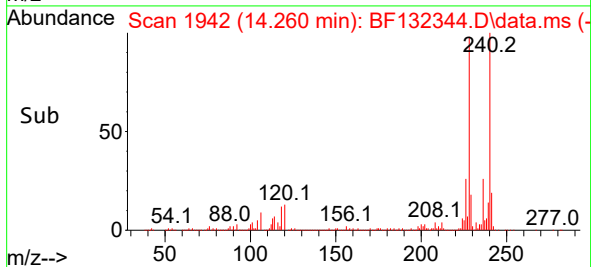
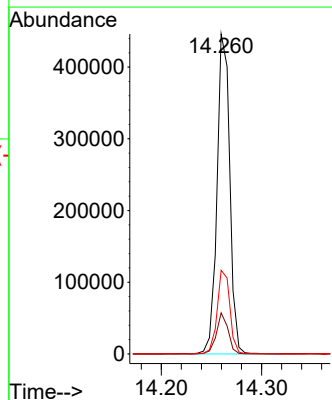
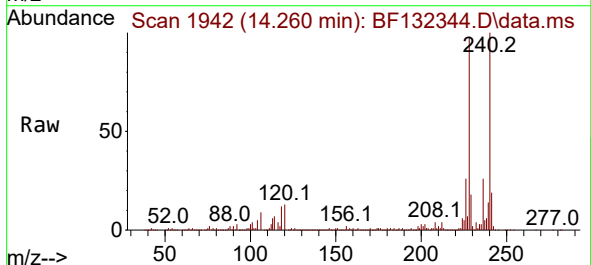
Instrument :
BNA_F
ClientSampleId :
B-01-SB02MS

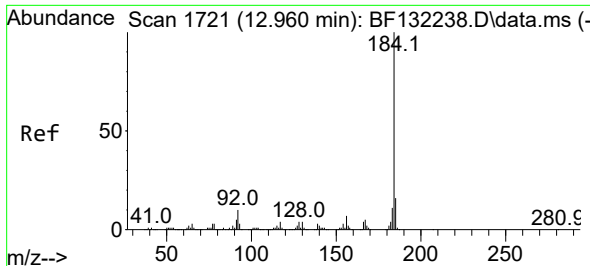
Tgt Ion:202 Resp: 1565733
Ion Ratio Lower Upper
202 100
101 11.4 0.0 32.7
203 18.3 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.260 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BF132344.D
Acq: 07 Feb 2023 14:55

Tgt Ion:240 Resp: 393769
Ion Ratio Lower Upper
240 100
120 12.8 8.8 13.2
236 26.2 21.0 31.6

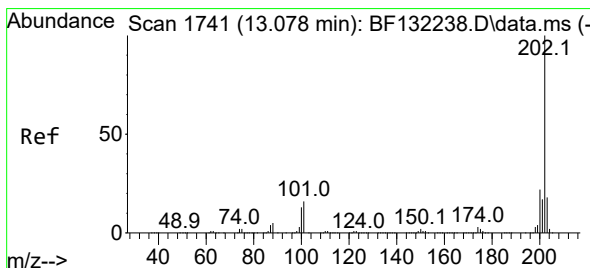
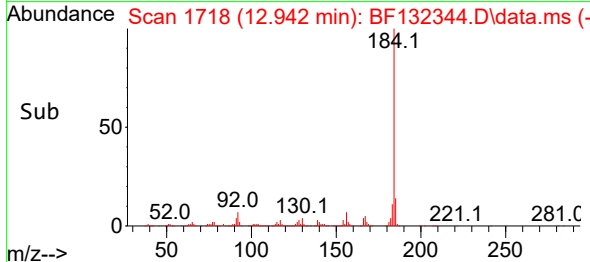
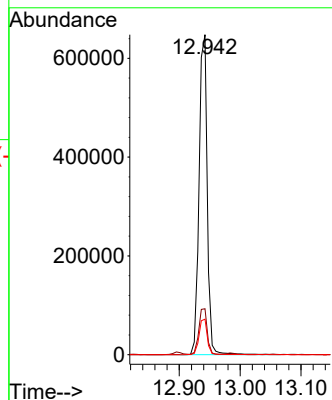
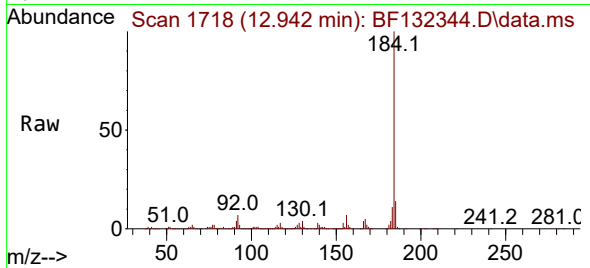




#77
Benzidine
Concen: 43.698 ng
RT: 12.942 min Scan# 1718
Delta R.T. 0.000 min
Lab File: BF132344.D
Acq: 07 Feb 2023 14:55

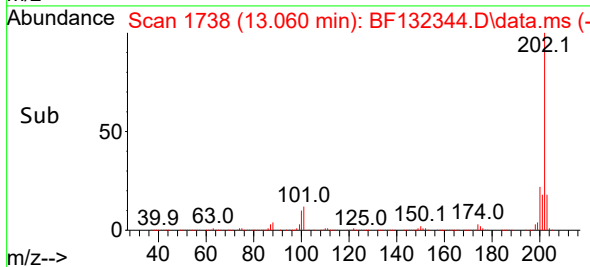
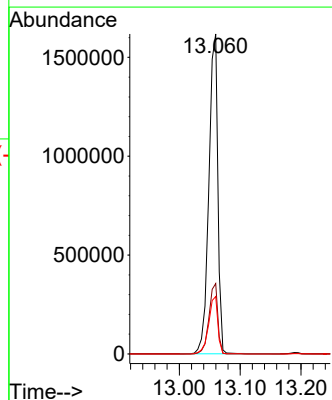
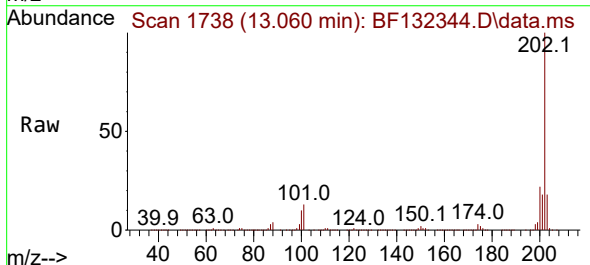
Instrument :
BNA_F
ClientSampleId :
B-01-SB02MS

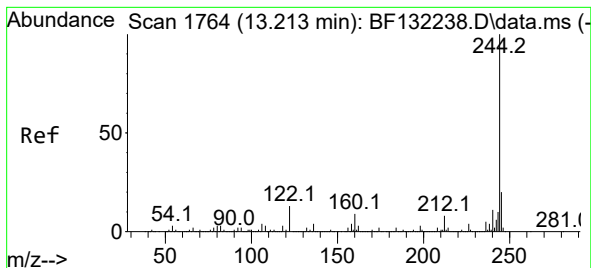
Tgt Ion:184 Resp: 601571
Ion Ratio Lower Upper
184 100
185 14.3 12.6 18.8
183 11.1 8.9 13.3



#78
Pyrene
Concen: 52.361 ng
RT: 13.060 min Scan# 1738
Delta R.T. 0.000 min
Lab File: BF132344.D
Acq: 07 Feb 2023 14:55

Tgt Ion:202 Resp: 1658329
Ion Ratio Lower Upper
202 100
200 22.0 17.3 25.9
203 17.9 14.4 21.6





#79

Terphenyl-d14

Concen: 87.703 ng

RT: 13.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132344.D

Acq: 07 Feb 2023 14:55

Instrument :

BNA_F

ClientSampleId :

B-01-SB02MS

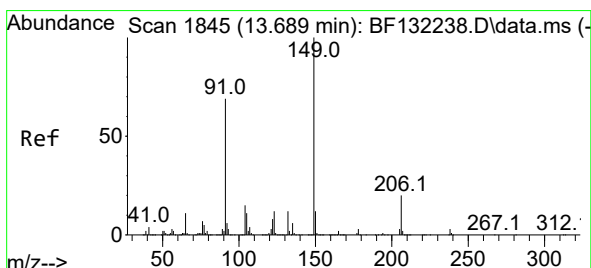
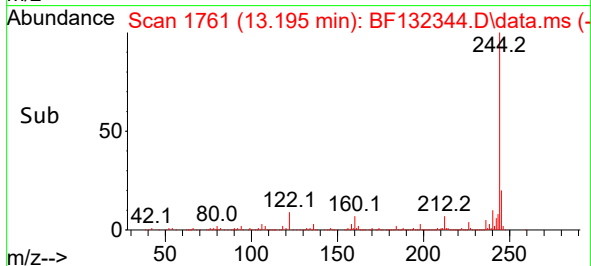
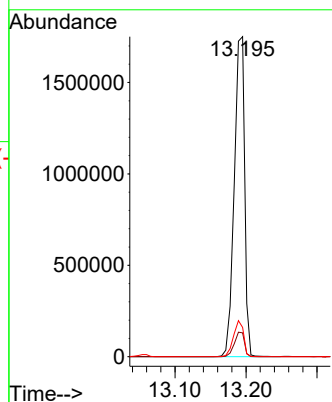
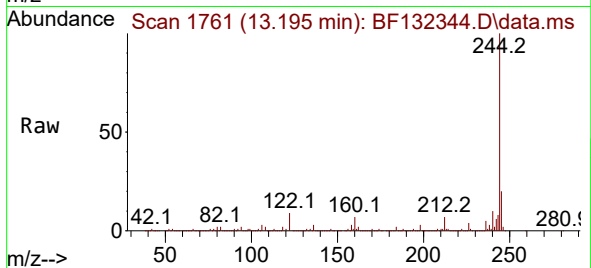
Tgt Ion:244 Resp: 1785295

Ion Ratio Lower Upper

244 100

212 7.4 6.4 9.6

122 9.1 10.5 15.7#



#80

Butylbenzylphthalate

Concen: 54.226 ng

RT: 13.666 min Scan# 1841

Delta R.T. 0.000 min

Lab File: BF132344.D

Acq: 07 Feb 2023 14:55

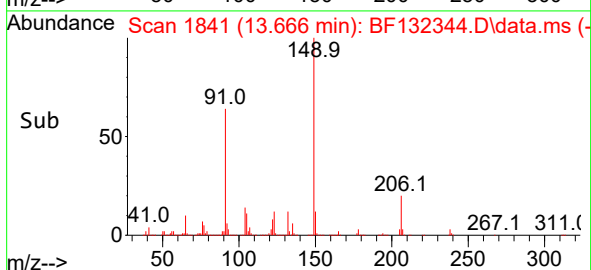
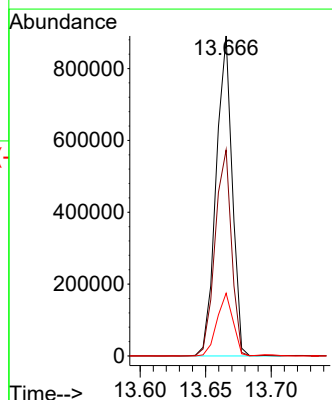
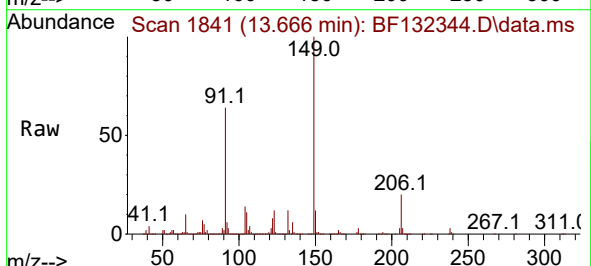
Tgt Ion:149 Resp: 758775

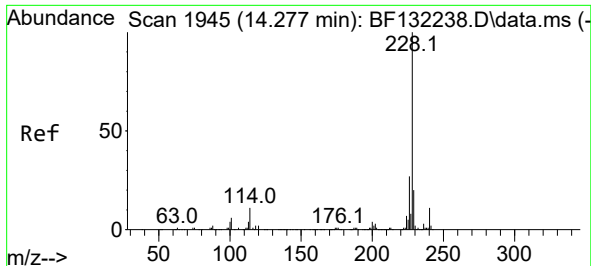
Ion Ratio Lower Upper

149 100

91 64.4 55.0 82.6

206 19.6 15.9 23.9

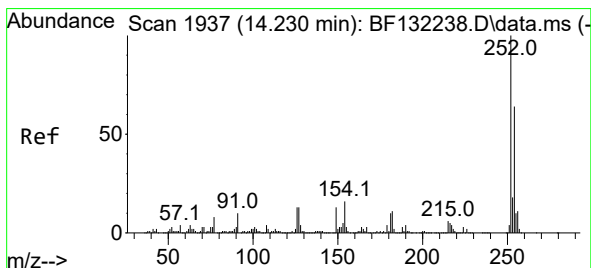
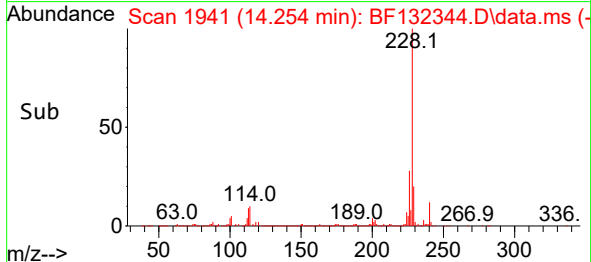
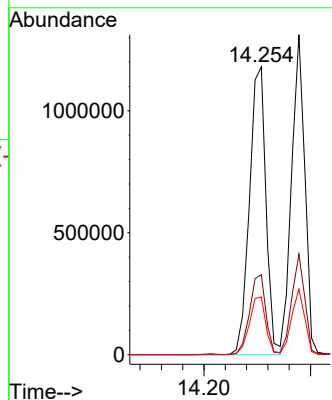
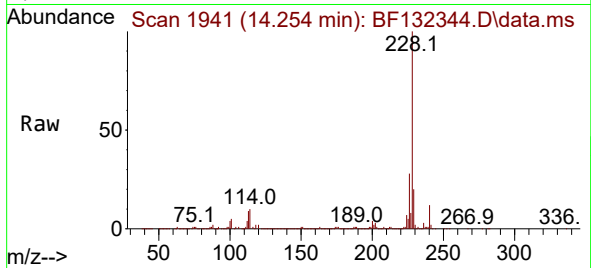




#81
Benzo(a)anthracene
Concen: 46.004 ng
RT: 14.254 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BF132344.D
Acq: 07 Feb 2023 14:55

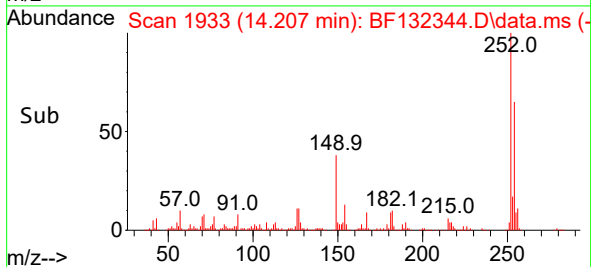
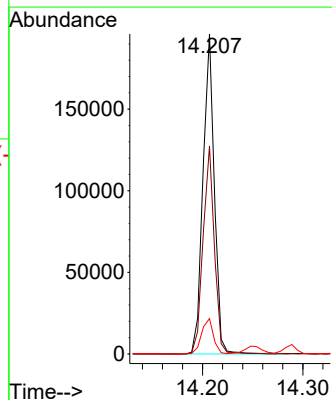
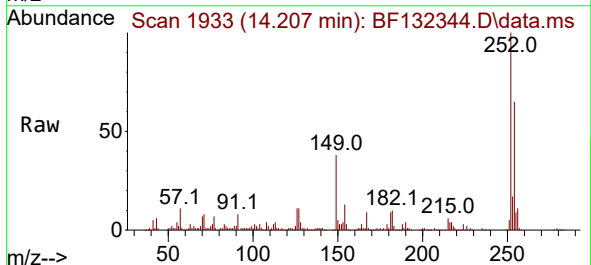
Instrument :
BNA_F
ClientSampleId :
B-01-SB02MS

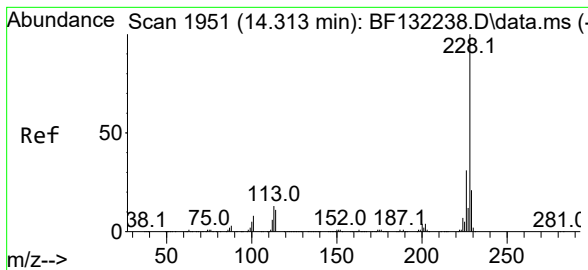
Tgt Ion:228 Resp: 1266980
Ion Ratio Lower Upper
228 100
226 27.8 22.0 33.0
229 20.1 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 17.667 ng
RT: 14.207 min Scan# 1933
Delta R.T. -0.006 min
Lab File: BF132344.D
Acq: 07 Feb 2023 14:55

Tgt Ion:252 Resp: 154975
Ion Ratio Lower Upper
252 100
254 65.0 51.6 77.4
126 11.1 10.5 15.7





#83

Chrysene

Concen: 43.845 ng

RT: 14.289 min Scan# 1947

Delta R.T. -0.006 min

Lab File: BF132344.D

Acq: 07 Feb 2023 14:55

Instrument :

BNA_F

ClientSampleId :

B-01-SB02MS

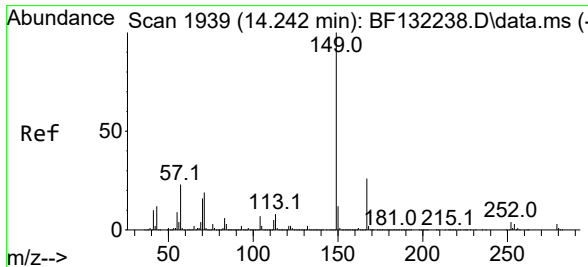
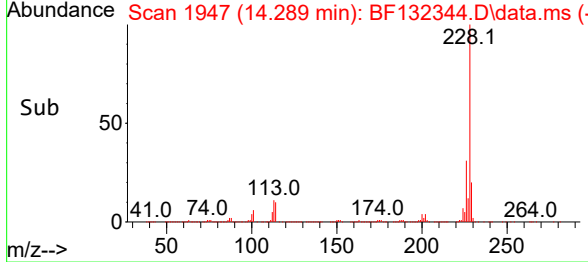
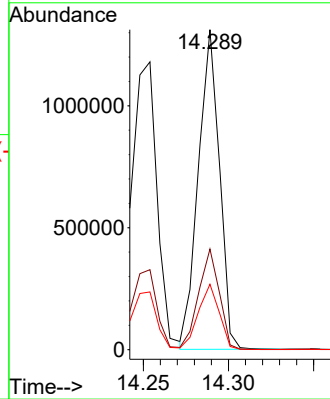
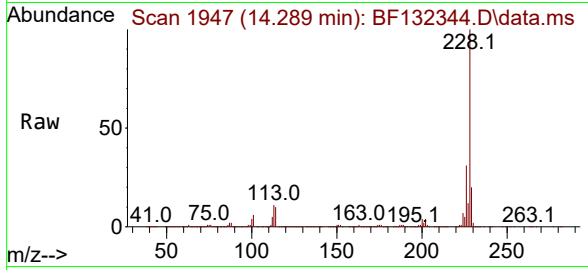
Tgt Ion:228 Resp: 1130695

Ion Ratio Lower Upper

228 100

226 31.4 24.9 37.3

229 20.5 16.4 24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.131 ng

RT: 14.219 min Scan# 1935

Delta R.T. -0.006 min

Lab File: BF132344.D

Acq: 07 Feb 2023 14:55

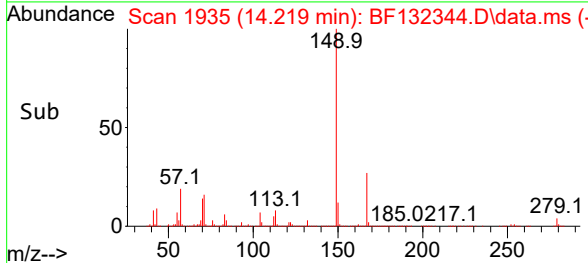
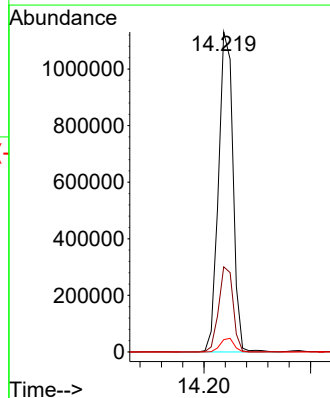
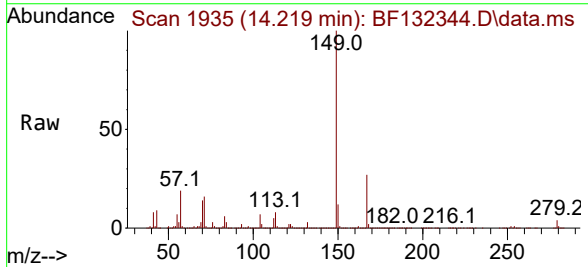
Tgt Ion:149 Resp: 1061635

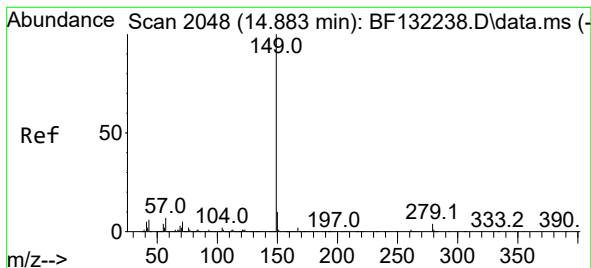
Ion Ratio Lower Upper

149 100

167 26.6 20.7 31.1

279 3.9 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 49.432 ng

RT: 14.854 min Scan# 2043

Delta R.T. 0.000 min

Lab File: BF132344.D

Acq: 07 Feb 2023 14:55

Instrument :

BNA_F

ClientSampleId :

B-01-SB02MS

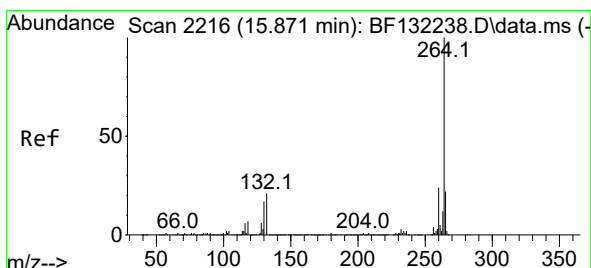
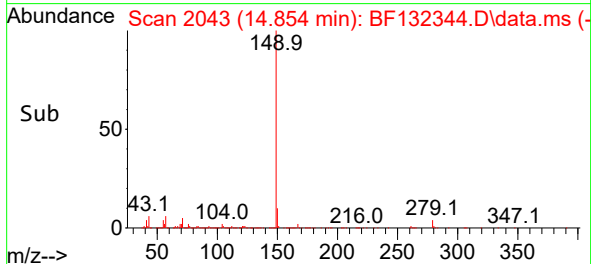
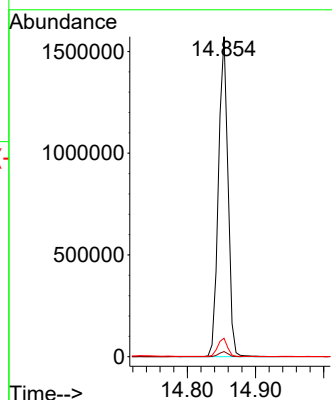
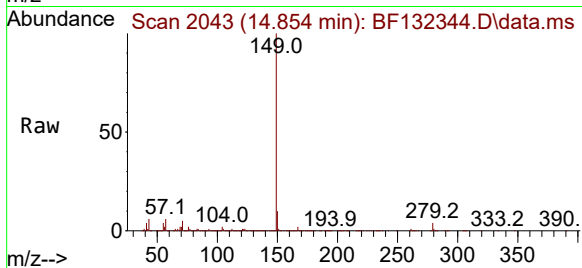
Tgt Ion:149 Resp: 1524942

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 5.8 5.9 8.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.836 min Scan# 2210

Delta R.T. 0.000 min

Lab File: BF132344.D

Acq: 07 Feb 2023 14:55

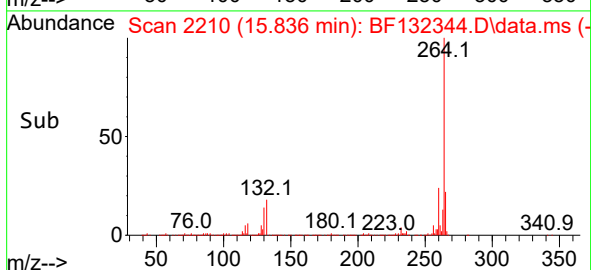
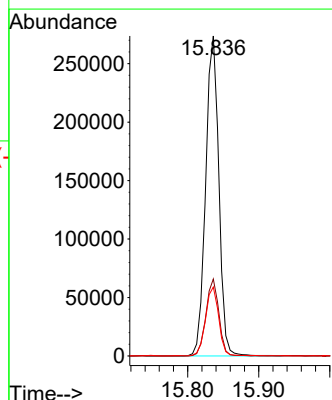
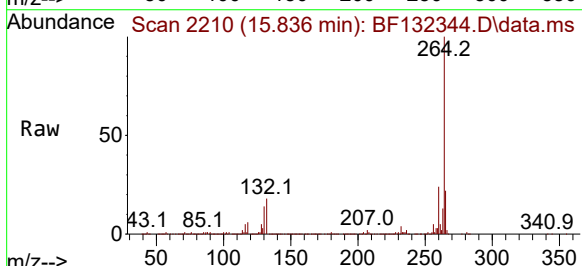
Tgt Ion:264 Resp: 353776

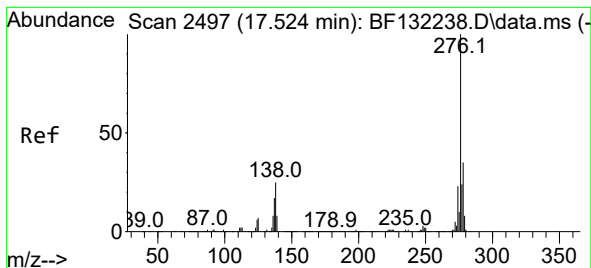
Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.4

265 21.6 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.269 ng

RT: 17.477 min Scan# 2497

Delta R.T. 0.000 min

Lab File: BF132344.D

Acq: 07 Feb 2023 14:55

Instrument :

BNA_F

ClientSampleId :

B-01-SB02MS

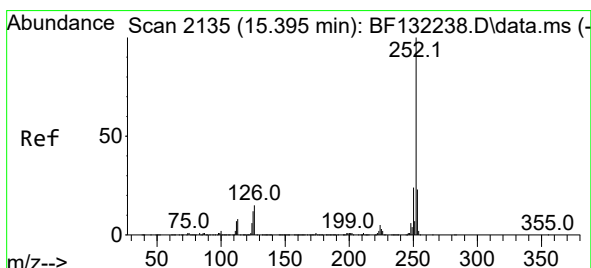
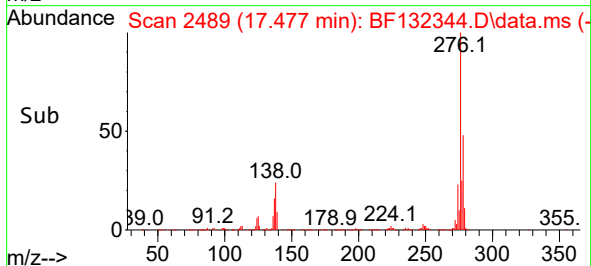
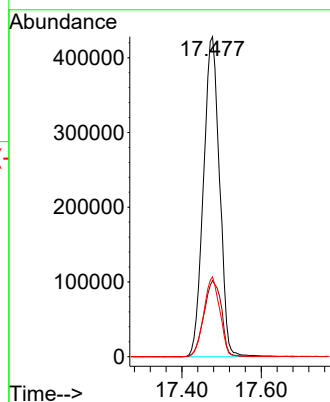
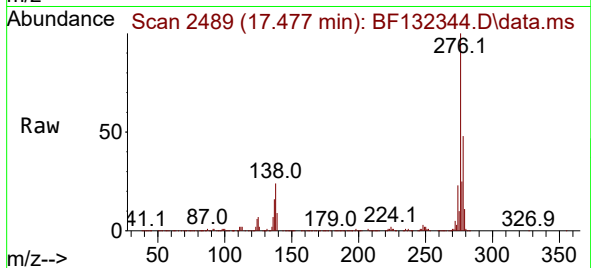
Tgt Ion:276 Resp: 1205188

Ion Ratio Lower Upper

276 100

138 26.0 23.3 34.9

277 25.0 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 46.314 ng

RT: 15.366 min Scan# 2130

Delta R.T. 0.000 min

Lab File: BF132344.D

Acq: 07 Feb 2023 14:55

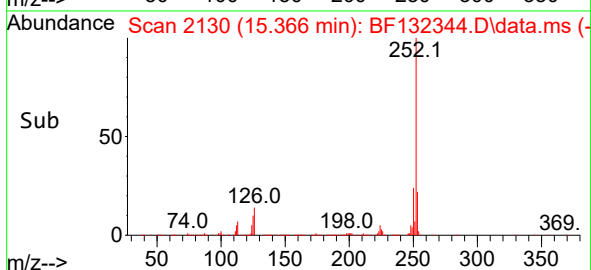
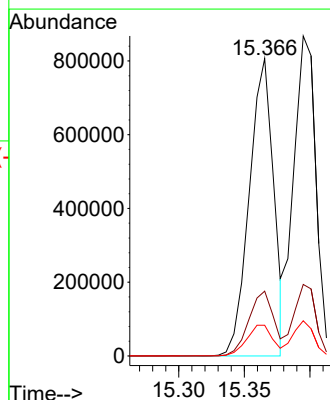
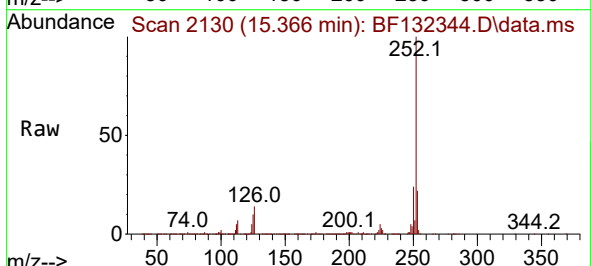
Tgt Ion:252 Resp: 1041481

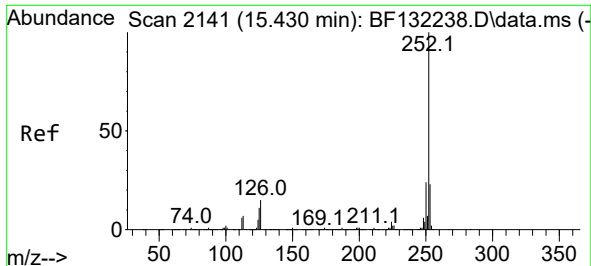
Ion Ratio Lower Upper

252 100

253 21.8 18.1 27.1

125 10.3 9.6 14.4

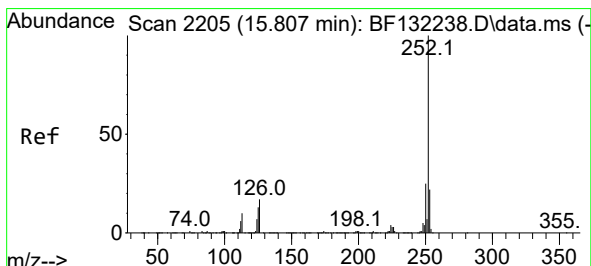
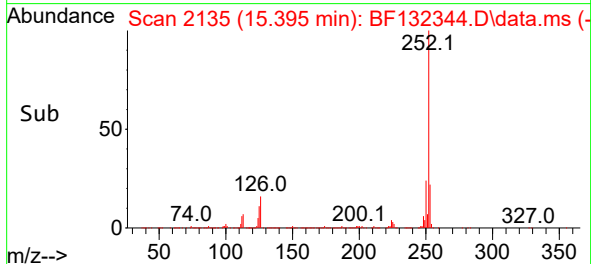
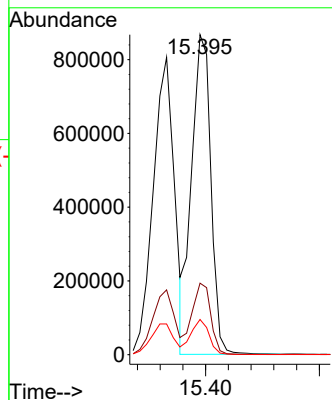
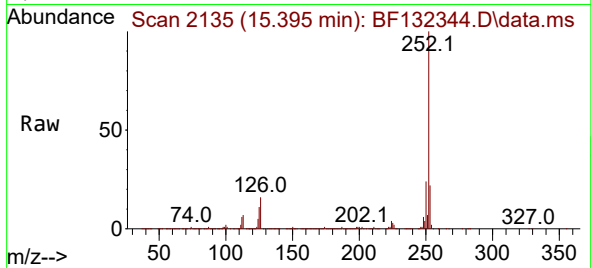




#89
Benzo(k)fluoranthene
Concen: 47.679 ng
RT: 15.395 min Scan# 2141
Delta R.T. -0.006 min
Lab File: BF132344.D
Acq: 07 Feb 2023 14:55

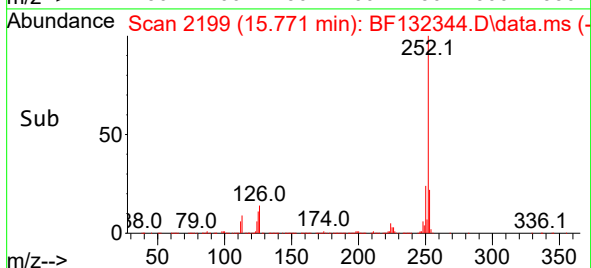
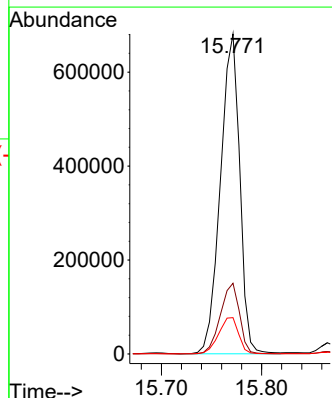
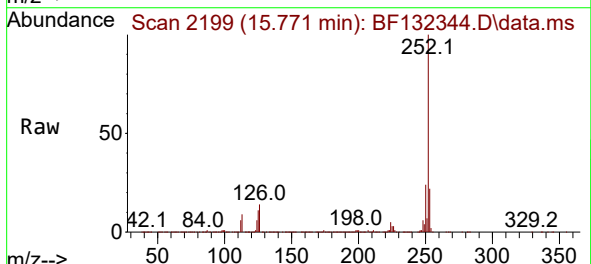
Instrument :
BNA_F
ClientSampleId :
B-01-SB02MS

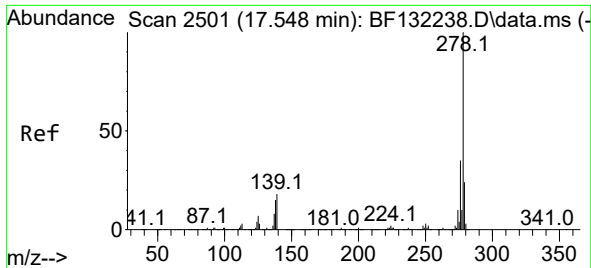
Tgt Ion:252 Resp: 1023439
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 11.0 9.0 13.6



#90
Benzo(a)pyrene
Concen: 43.407 ng
RT: 15.771 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BF132344.D
Acq: 07 Feb 2023 14:55

Tgt Ion:252 Resp: 908958
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 11.3 10.2 15.4

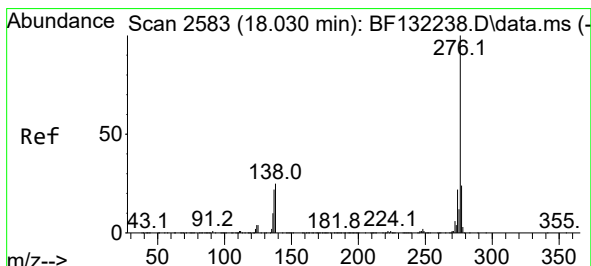
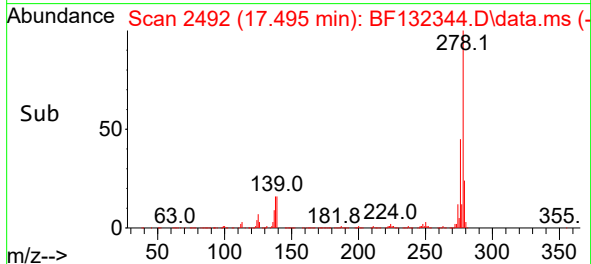
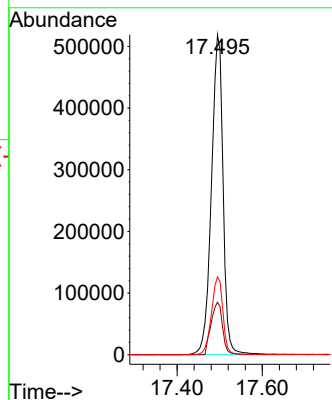
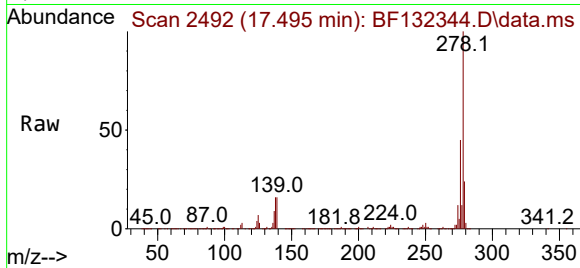




#91
Dibenzo(a,h)anthracene
Concen: 52.124 ng
RT: 17.495 min Scan# 2492
Delta R.T. -0.006 min
Lab File: BF132344.D
Acq: 07 Feb 2023 14:55

Instrument :
BNA_F
ClientSampleId :
B-01-SB02MS

Tgt Ion:278 Resp: 985108
Ion Ratio Lower Upper
278 100
139 16.4 14.2 21.2
279 24.3 19.6 29.4



#92
Benzo(g,h,i)perylene
Concen: 49.283 ng
RT: 17.977 min Scan# 2574
Delta R.T. 0.000 min
Lab File: BF132344.D
Acq: 07 Feb 2023 14:55

Tgt Ion:276 Resp: 962244
Ion Ratio Lower Upper
276 100
277 23.6 19.4 29.2
138 23.2 20.3 30.5

