

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020923\
 Data File : BF132374.D
 Acq On : 09 Feb 2023 11:21
 Operator : CG\JU
 Sample : PB150738BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150738BS

Quant Time: Feb 10 00:57:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 09 01:56:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.048	152	190371	20.000	ng	0.00
21) Naphthalene-d8	8.337	136	718610	20.000	ng	# 0.00
39) Acenaphthene-d10	10.101	164	351555	20.000	ng	0.00
64) Phenanthrene-d10	11.595	188	625130	20.000	ng	0.00
76) Chrysene-d12	14.254	240	337993	20.000	ng	0.00
86) Perylene-d12	15.824	264	311271	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	1414834	119.461	ng	0.02
7) Phenol-d6	6.672	99	1671429	114.471	ng	0.00
23) Nitrobenzene-d5	7.613	82	1011632	78.338	ng	0.00
42) 2,4,6-Tribromophenol	10.895	330	568253	157.182	ng	0.00
45) 2-Fluorobiphenyl	9.413	172	1893311	83.166	ng	0.00
79) Terphenyl-d14	13.189	244	1985266	113.621	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.055	88	193243	34.676	ng	94
3) Pyridine	3.790	79	468372	30.980	ng	95
4) n-Nitrosodimethylamine	3.755	42	172792	35.719	ng	93
6) Aniline	6.707	93	627472	31.669	ng	95
8) 2-Chlorophenol	6.831	128	566532	46.186	ng	96
9) Benzaldehyde	6.596	77	182963	18.940	ng	98
10) Phenol	6.684	94	604039	39.968	ng	98
11) bis(2-Chloroethyl)ether	6.778	93	528982	42.530	ng	95
12) 1,3-Dichlorobenzene	6.990	146	594753	45.844	ng	98
13) 1,4-Dichlorobenzene	7.066	146	596453	46.058	ng	99
14) 1,2-Dichlorobenzene	7.219	146	578913	47.935	ng	98
15) Benzyl Alcohol	7.190	79	417487	39.185	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.319	45	469406	35.820	ng	92
17) 2-Methylphenol	7.290	107	434483	40.464	ng	99
18) Hexachloroethane	7.560	117	227135	46.754	ng	97
19) n-Nitroso-di-n-propyla...	7.460	70	297787	35.905	ng	96
20) 3+4-Methylphenols	7.448	107	525497	38.345	ng	# 84
22) Acetophenone	7.460	105	705355	41.738	ng	97
24) Nitrobenzene	7.637	77	501595	38.020	ng	91
25) Isophorone	7.872	82	963821	39.323	ng	94
26) 2-Nitrophenol	7.948	139	307398	47.836	ng	92
27) 2,4-Dimethylphenol	7.978	122	491043	43.656	ng	100
28) bis(2-Chloroethoxy)met...	8.078	93	611371	40.590	ng	99
29) 2,4-Dichlorophenol	8.190	162	453424	45.405	ng	96
30) 1,2,4-Trichlorobenzene	8.272	180	508197	47.522	ng	99
31) Naphthalene	8.360	128	1494489	42.250	ng	99
32) Benzoic acid	8.095	122	370756	44.531	ng	94
33) 4-Chloroaniline	8.401	127	244030	15.558	ng	96
34) Hexachlorobutadiene	8.466	225	304034	50.573	ng	100
35) Caprolactam	8.784	113	100363	29.480	ng	85
36) 4-Chloro-3-methylphenol	8.878	107	456879	42.467	ng	96
37) 2-Methylnaphthalene	9.048	142	990707	41.349	ng	99
38) 1-Methylnaphthalene	9.154	142	927810	41.669	ng	100
40) 1,2,4,5-Tetrachloroben...	9.219	216	475700	48.084	ng	99
41) Hexachlorocyclopentadiene	9.201	237	537341	93.095	ng	99
43) 2,4,6-Trichlorophenol	9.325	196	332170	46.970	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020923\
 Data File : BF132374.D
 Acq On : 09 Feb 2023 11:21
 Operator : CG\JU
 Sample : PB150738BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150738BS

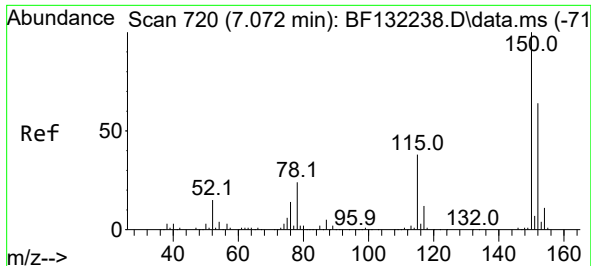
Quant Time: Feb 10 00:57:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 09 01:56:26 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.366	196	353951	43.484	ng	99
46) 1,1'-Biphenyl	9.519	154	1194245	44.063	ng	97
47) 2-Chloronaphthalene	9.542	162	930669	45.084	ng	98
48) 2-Nitroaniline	9.636	65	220089	35.849	ng	# 81
49) Acenaphthylene	9.966	152	1431919	42.502	ng	99
50) Dimethylphthalate	9.813	163	1084825	44.114	ng	98
51) 2,6-Dinitrotoluene	9.878	165	246344	44.854	ng	88
52) Acenaphthene	10.136	154	1023265	48.514	ng	99
53) 3-Nitroaniline	10.048	138	184887	27.759	ng	95
54) 2,4-Dinitrophenol	10.154	184	287591	89.775	ng	96
55) Dibenzofuran	10.307	168	1251840	42.241	ng	100
56) 4-Nitrophenol	10.201	139	404339	80.674	ng	93
57) 2,4-Dinitrotoluene	10.284	165	327353	45.884	ng	91
58) Fluorene	10.654	166	978509	42.903	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.419	232	280556	47.279	ng	98
60) Diethylphthalate	10.513	149	1085189	44.359	ng	99
61) 4-Chlorophenyl-phenyle...	10.642	204	485930	44.893	ng	97
62) 4-Nitroaniline	10.672	138	241841	37.865	ng	95
63) Azobenzene	10.801	77	863618	36.242	ng	94
65) 4,6-Dinitro-2-methylph...	10.695	198	177742	50.097	ng	91
66) n-Nitrosodiphenylamine	10.760	169	853648	43.609	ng	99
67) 4-Bromophenyl-phenylether	11.136	248	311817	48.712	ng	94
68) Hexachlorobenzene	11.201	284	360459	52.684	ng	95
69) Atrazine	11.283	200	289952	51.497	ng	98
70) Pentachlorophenol	11.395	266	395445	84.119	ng	100
71) Phenanthrene	11.625	178	1401138	42.892	ng	100
72) Anthracene	11.678	178	1431391	43.057	ng	99
73) Carbazole	11.825	167	1240012	41.599	ng	99
74) Di-n-butylphthalate	12.148	149	1607843	45.625	ng	100
75) Fluoranthene	12.819	202	1369633	41.086	ng	98
77) Benzidine	12.930	184	306251	25.917	ng	99
78) Pyrene	13.054	202	1379298	50.737	ng	99
80) Butylbenzylphthalate	13.660	149	610439	50.825	ng	93
81) Benzo(a)anthracene	14.242	228	1055951	44.668	ng	99
82) 3,3'-Dichlorobenzidine	14.201	252	233395	30.998	ng	99
83) Chrysene	14.283	228	983720	44.440	ng	99
84) Bis(2-ethylhexyl)phtha...	14.213	149	795763	49.017	ng	99
85) Di-n-octyl phthalate	14.842	149	1186482	44.808	ng	# 96
87) Indeno(1,2,3-cd)pyrene	17.459	276	1068021	51.638	ng	95
88) Benzo(b)fluoranthene	15.354	252	997206	50.400	ng	98
89) Benzo(k)fluoranthene	15.389	252	891598	47.209	ng	98
90) Benzo(a)pyrene	15.760	252	825394	44.799	ng	98
91) Dibenzo(a,h)anthracene	17.477	278	877837	52.790	ng	98
92) Benzo(g,h,i)perylene	17.959	276	889300	51.766	ng	96

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

Quant Time: Feb 10 00:57:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 09 01:56:26 2023
Response via : Initial Calibration

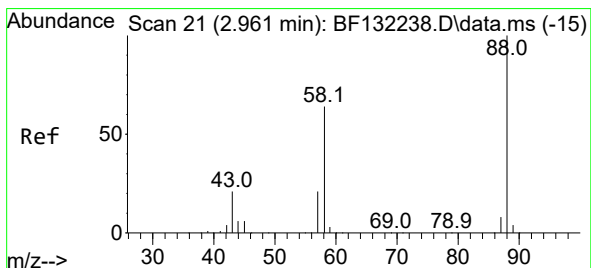
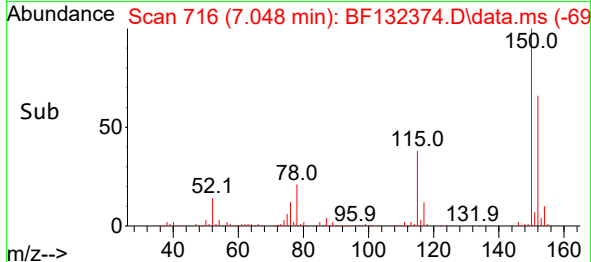
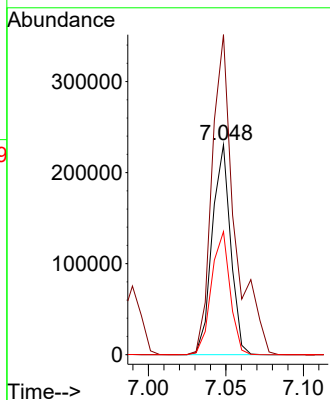
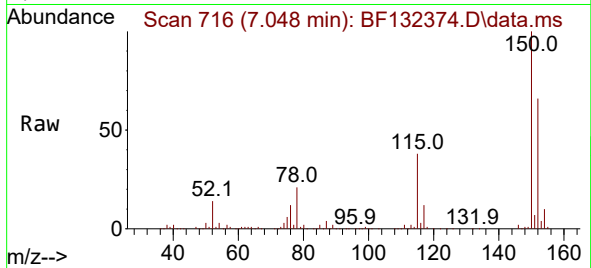




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.048 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF132374.D
 Acq: 09 Feb 2023 11:21

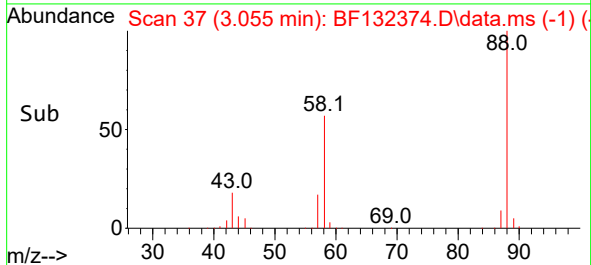
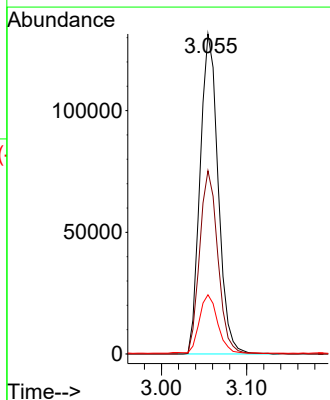
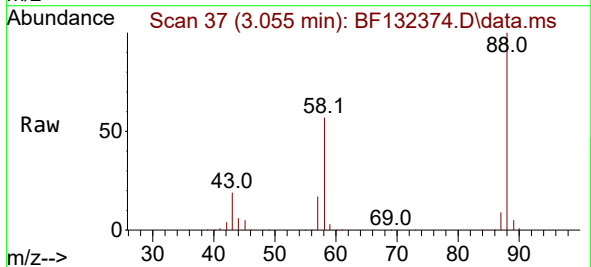
Instrument :
 BNA_F
 ClientSampleId :
 PB150738BS

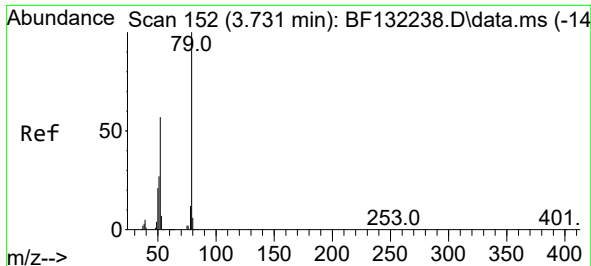
Tgt Ion:152 Resp: 190371
 Ion Ratio Lower Upper
 152 100
 150 152.4 124.2 186.2
 115 58.6 47.3 70.9



#2
 1,4-Dioxane
 Concen: 34.676 ng
 RT: 3.055 min Scan# 37
 Delta R.T. 0.124 min
 Lab File: BF132374.D
 Acq: 09 Feb 2023 11:21

Tgt Ion: 88 Resp: 193243
 Ion Ratio Lower Upper
 88 100
 58 57.8 50.2 75.2
 43 18.5 16.9 25.3

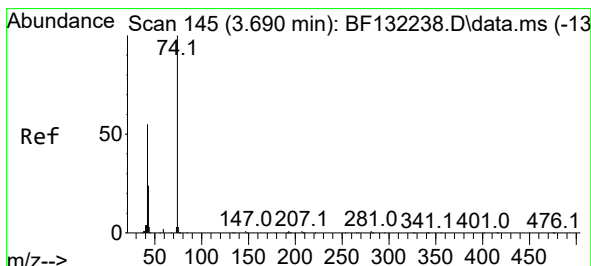
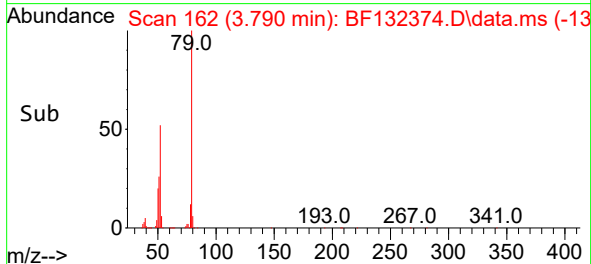
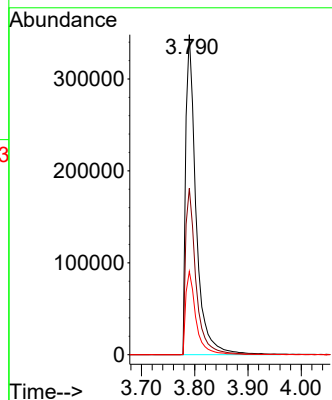
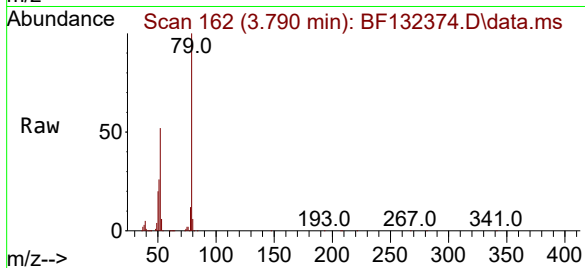




#3
Pyridine
Concen: 30.980 ng
RT: 3.790 min Scan# 10
Delta R.T. 0.088 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

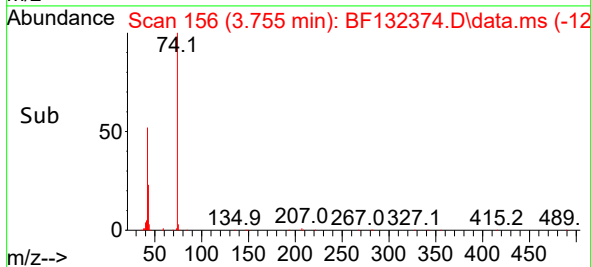
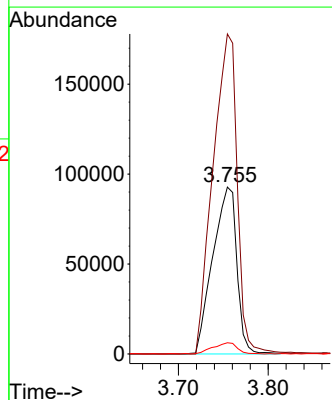
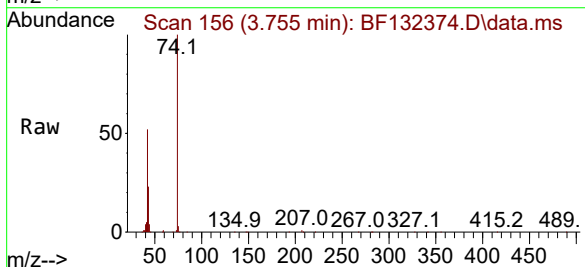
Instrument :
BNA_F
ClientSampleId :
PB150738BS

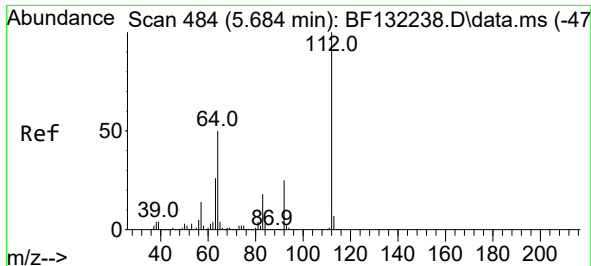
Tgt Ion: 79 Resp: 468372
Ion Ratio Lower Upper
79 100
52 52.0 45.6 68.4
51 26.0 21.5 32.3



#4
n-Nitrosodimethylamine
Concen: 35.719 ng
RT: 3.755 min Scan# 156
Delta R.T. 0.088 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

Tgt Ion: 42 Resp: 172792
Ion Ratio Lower Upper
42 100
74 191.8 144.6 217.0
44 6.7 5.1 7.7

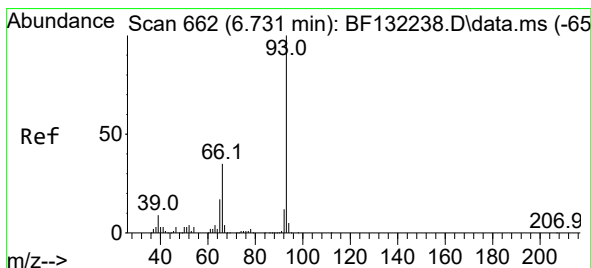
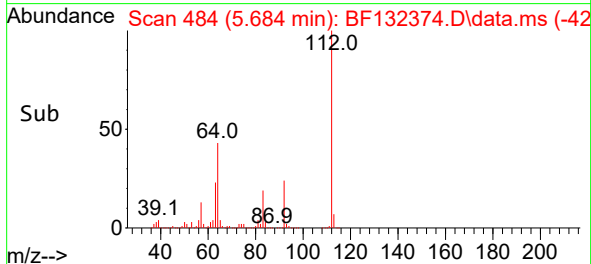
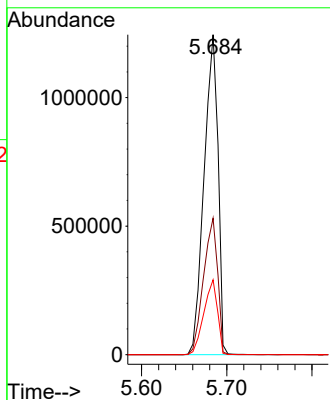
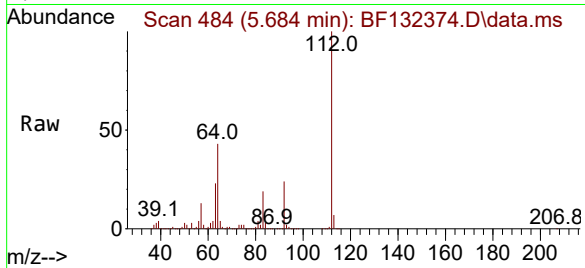




#5
2-Fluorophenol
Concen: 119.461 ng
RT: 5.684 min Scan# 484
Delta R.T. 0.024 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

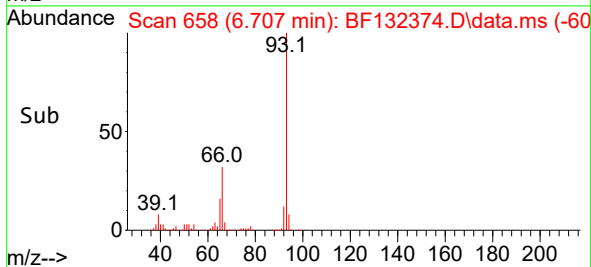
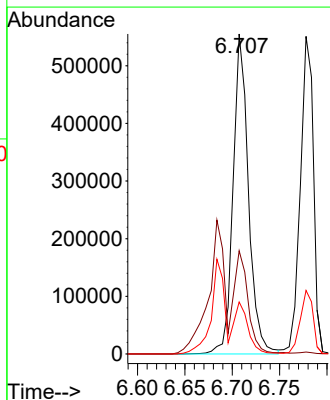
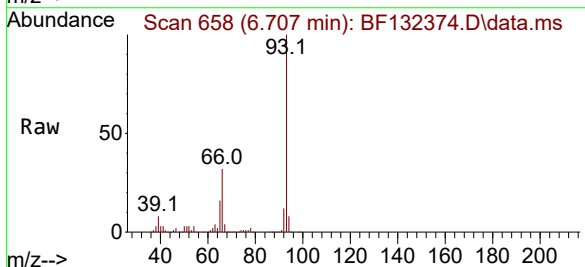
Instrument :
BNA_F
ClientSampleId :
PB150738BS

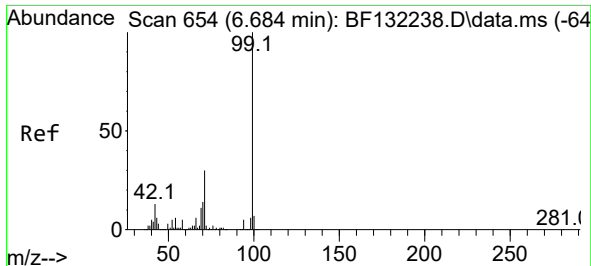
Tgt Ion:112 Resp: 1414834
Ion Ratio Lower Upper
112 100
64 42.7 40.0 60.0
63 23.4 20.5 30.7



#6
Aniline
Concen: 31.669 ng
RT: 6.707 min Scan# 658
Delta R.T. -0.006 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

Tgt Ion: 93 Resp: 627472
Ion Ratio Lower Upper
93 100
66 32.3 28.8 43.2
65 16.2 14.2 21.4





#7

Phenol-d6

Concen: 114.471 ng

RT: 6.672 min Scan# 61

Delta R.T. 0.006 min

Lab File: BF132374.D

Acq: 09 Feb 2023 11:21

Instrument :

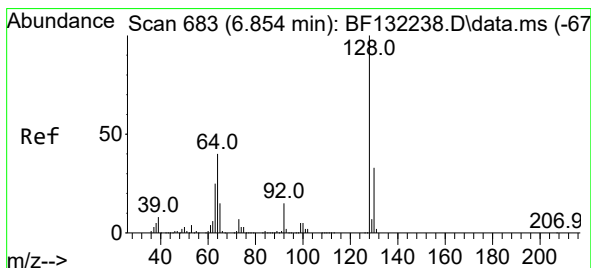
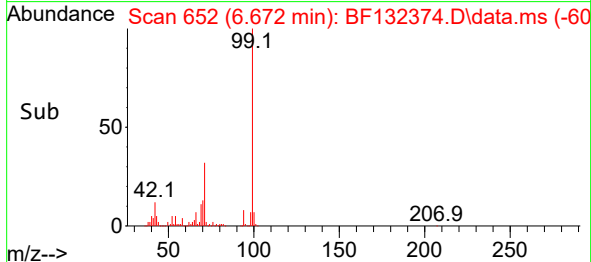
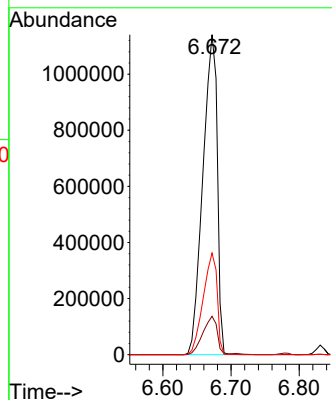
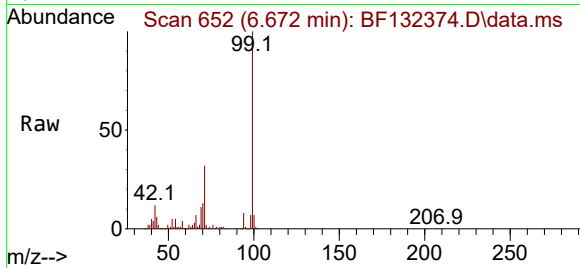
BNA_F

ClientSampleId :

PB150738BS

Tgt Ion: 99 Resp: 1671429

Ion	Ratio	Lower	Upper
99	100		
42	12.0	10.1	15.1
71	31.7	24.2	36.4



#8

2-Chlorophenol

Concen: 46.186 ng

RT: 6.831 min Scan# 679

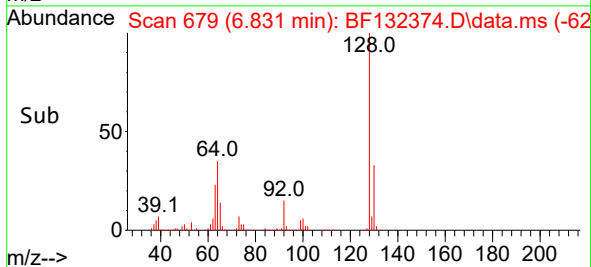
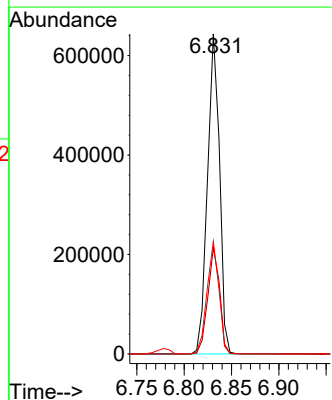
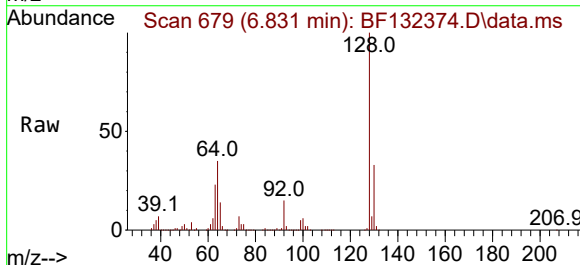
Delta R.T. 0.000 min

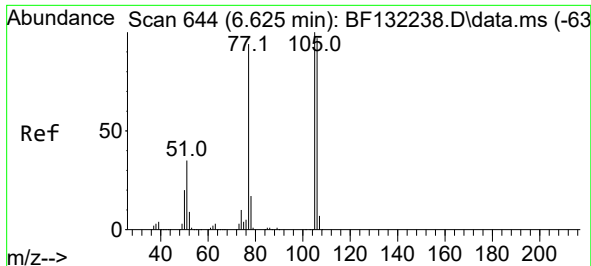
Lab File: BF132374.D

Acq: 09 Feb 2023 11:21

Tgt Ion:128 Resp: 566532

Ion	Ratio	Lower	Upper
128	100		
130	33.3	13.3	53.3
64	35.2	20.1	60.1

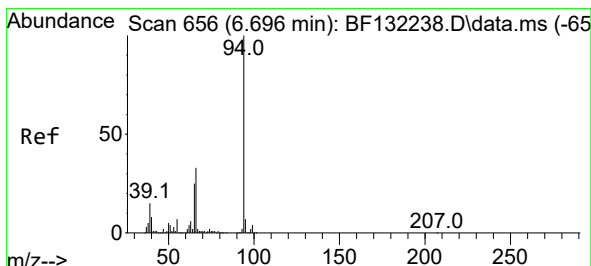
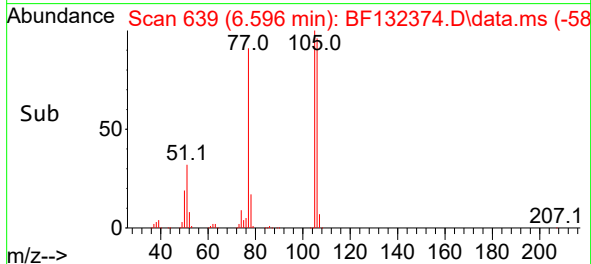
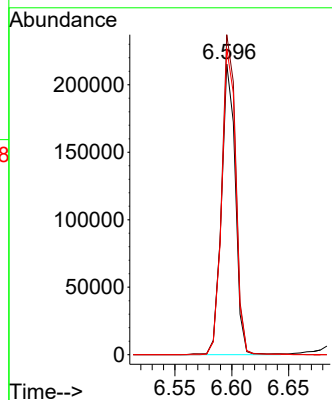
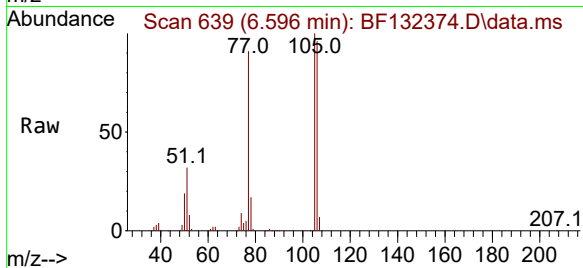




#9
Benzaldehyde
Concen: 18.940 ng
RT: 6.596 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

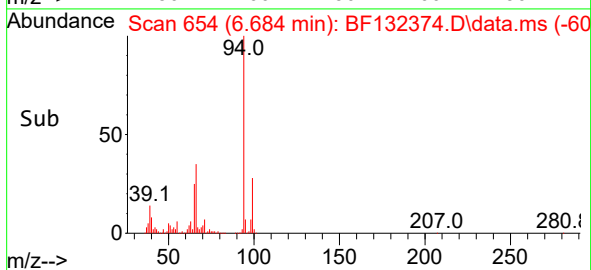
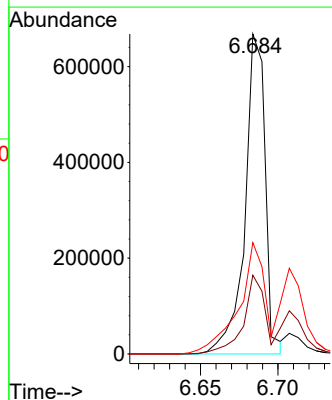
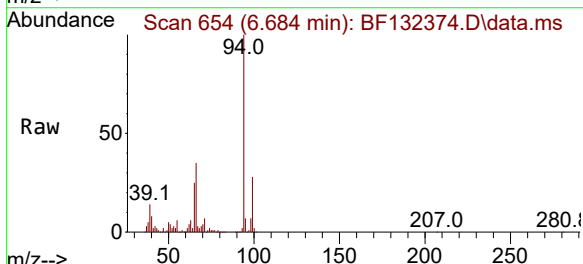
Instrument :
BNA_F
ClientSampleId :
PB150738BS

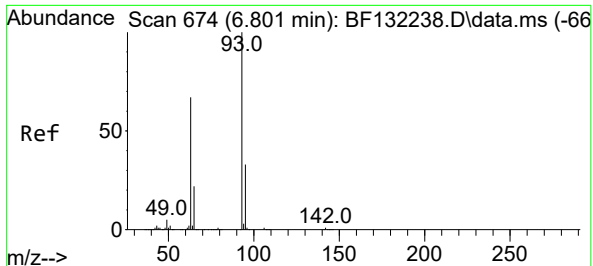
Tgt Ion: 77 Resp: 182963
Ion Ratio Lower Upper
77 100
105 110.1 86.8 126.8
106 105.4 83.8 123.8



#10
Phenol
Concen: 39.968 ng
RT: 6.684 min Scan# 654
Delta R.T. 0.006 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

Tgt Ion: 94 Resp: 604039
Ion Ratio Lower Upper
94 100
65 24.6 5.1 45.1
66 34.8 13.0 53.0

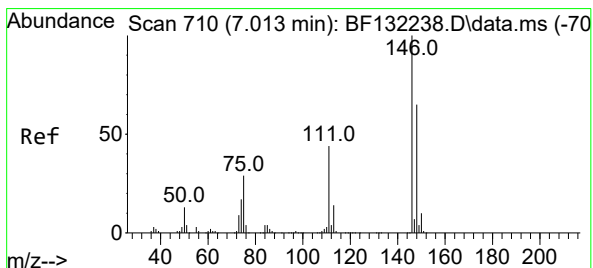
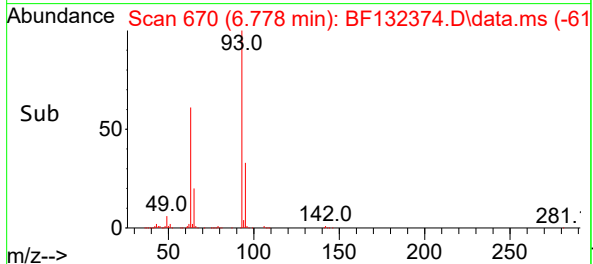
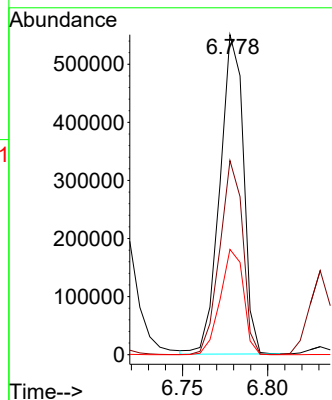
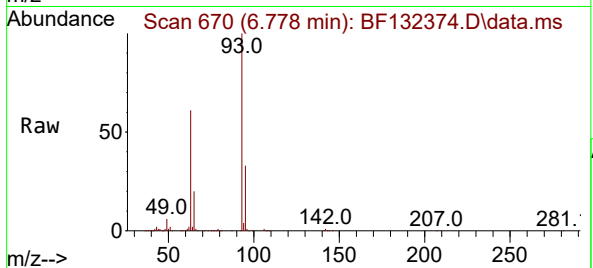




#11
bis(2-Chloroethyl)ether
Concen: 42.530 ng
RT: 6.778 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

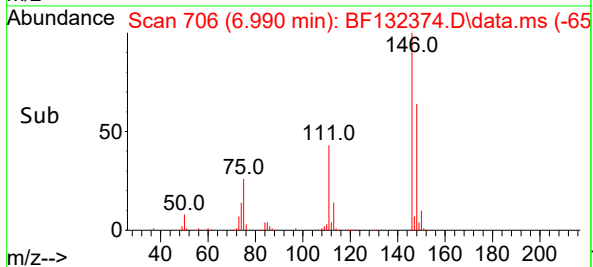
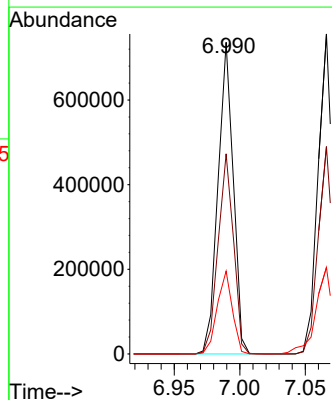
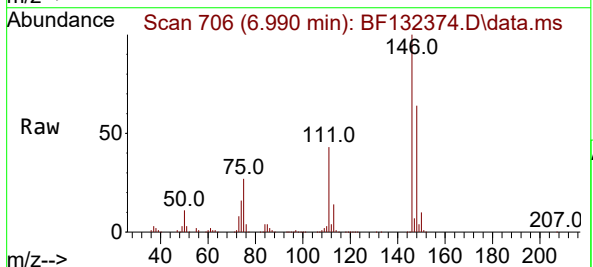
Instrument :
BNA_F
ClientSampleId :
PB150738BS

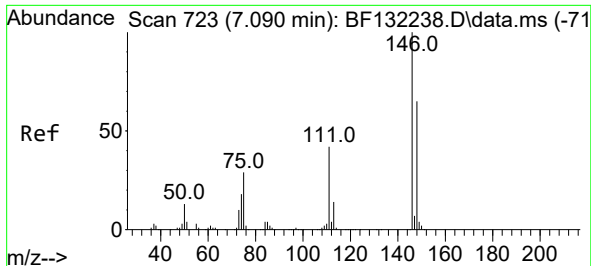
Tgt Ion: 93 Resp: 528982
Ion Ratio Lower Upper
93 100
63 60.7 46.7 86.7
95 32.9 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 45.844 ng
RT: 6.990 min Scan# 706
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

Tgt Ion:146 Resp: 594753
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.8
75 26.6 23.5 35.3

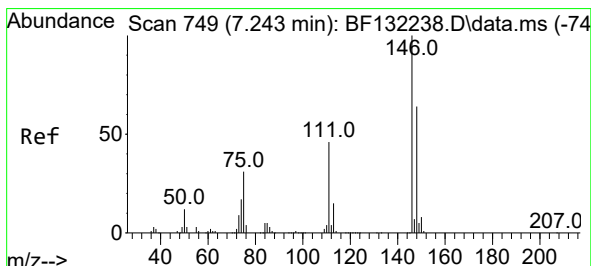
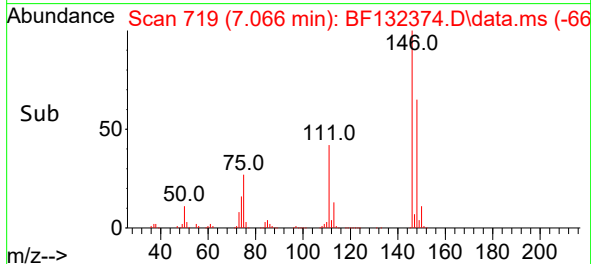
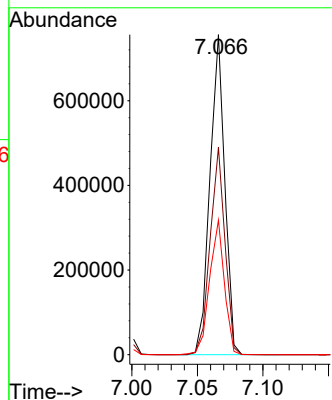
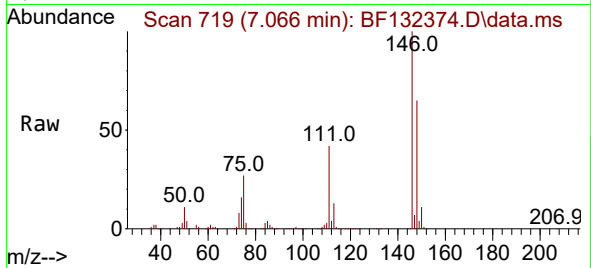




#13
1,4-Dichlorobenzene
Concen: 46.058 ng
RT: 7.066 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

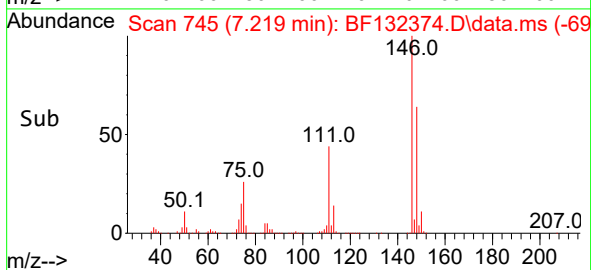
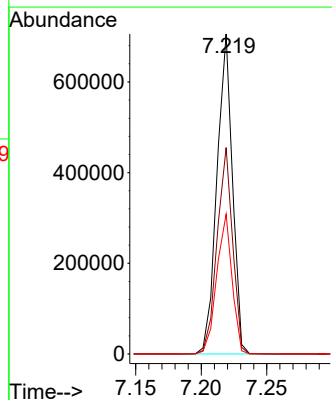
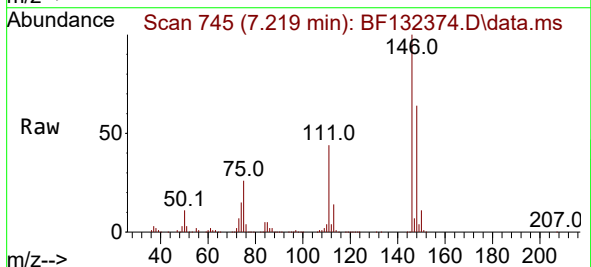
Instrument :
BNA_F
ClientSampleId :
PB150738BS

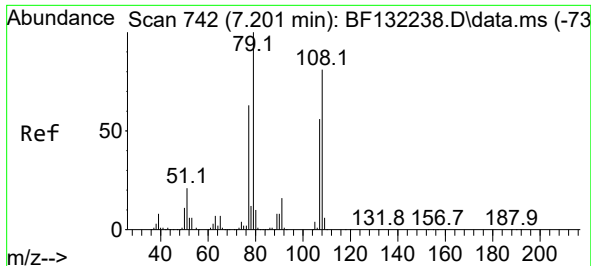
Tgt Ion:146 Resp: 596453
Ion Ratio Lower Upper
146 100
148 64.8 52.4 78.6
111 42.1 34.0 51.0



#14
1,2-Dichlorobenzene
Concen: 47.935 ng
RT: 7.219 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

Tgt Ion:146 Resp: 578913
Ion Ratio Lower Upper
146 100
148 64.5 51.4 77.0
111 43.7 37.1 55.7

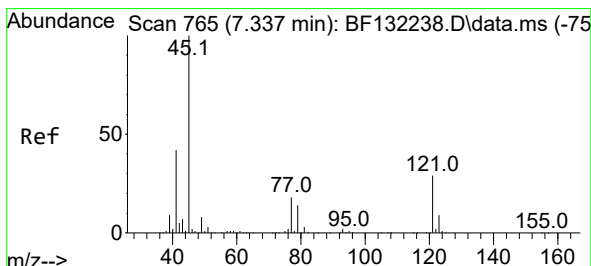
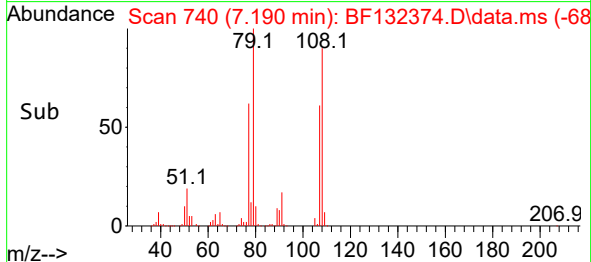
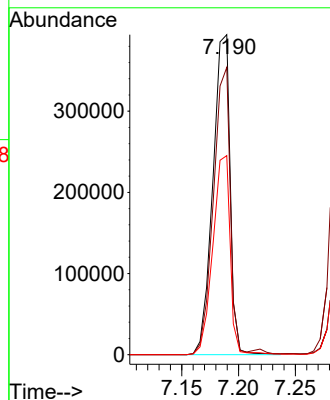
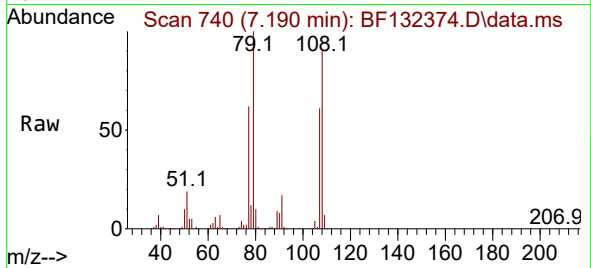




#15
Benzyl Alcohol
Concen: 39.185 ng
RT: 7.190 min Scan# 742
Delta R.T. 0.006 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

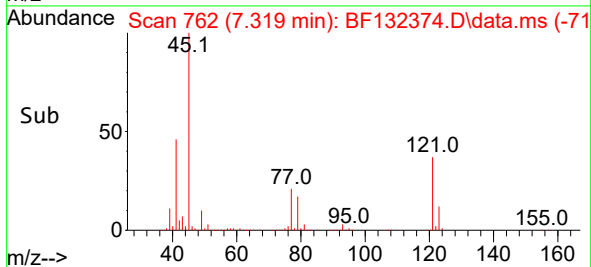
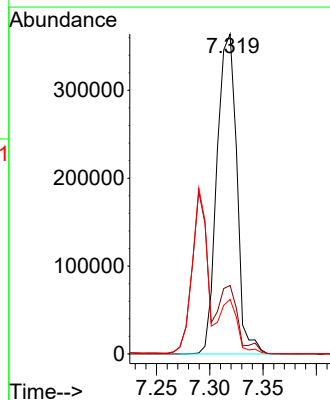
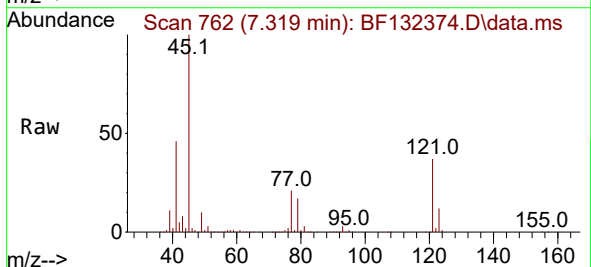
Instrument :
BNA_F
ClientSampleId :
PB150738BS

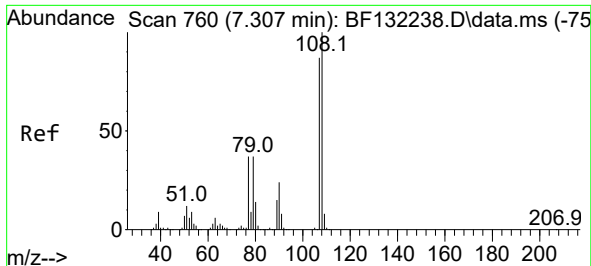
Tgt Ion: 79 Resp: 417487
Ion Ratio Lower Upper
79 100
108 89.8 64.6 97.0
77 62.2 50.1 75.1



#16
2,2'-oxybis(1-chloropropane)
Concen: 35.820 ng
RT: 7.319 min Scan# 762
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

Tgt Ion: 45 Resp: 469406
Ion Ratio Lower Upper
45 100
77 21.4 0.0 38.0
79 17.0 0.0 33.8

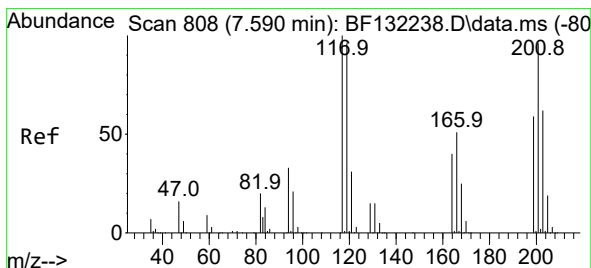
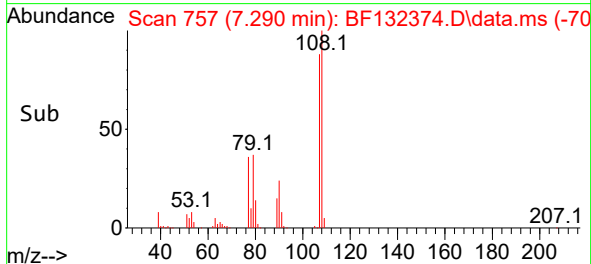
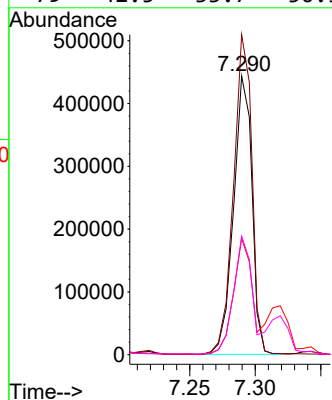
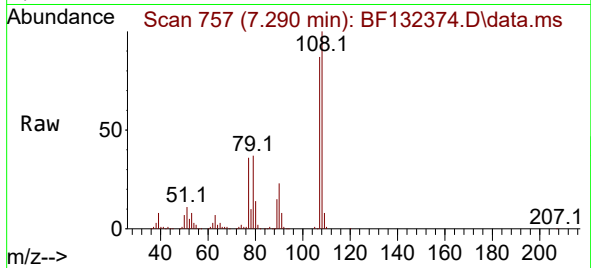




#17
2-Methylphenol
Concen: 40.464 ng
RT: 7.290 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

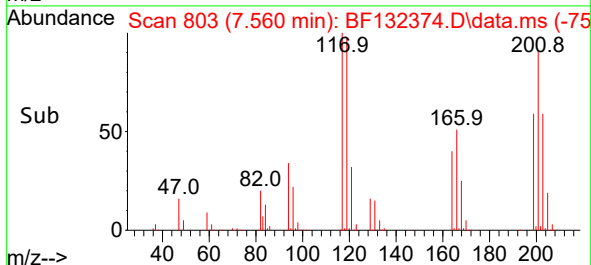
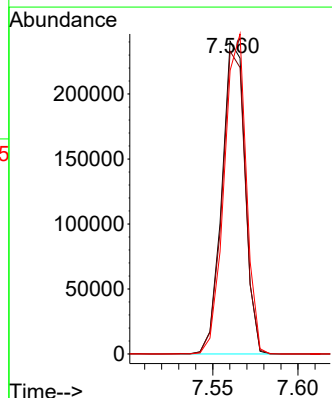
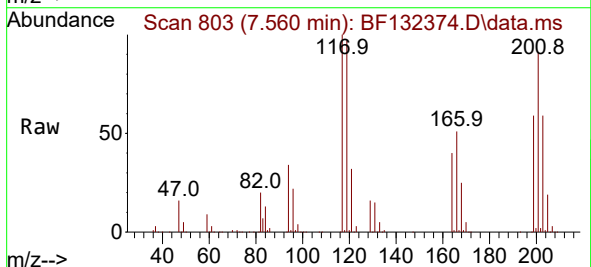
Instrument :
BNA_F
ClientSampleId :
PB150738BS

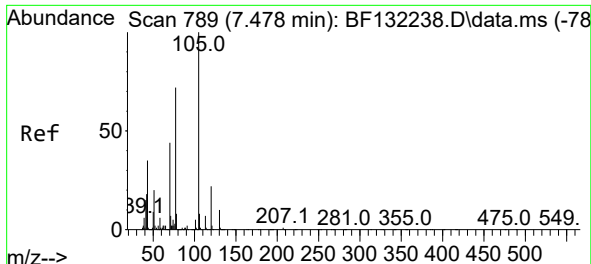
Tgt Ion:107 Resp: 434483
Ion Ratio Lower Upper
107 100
108 114.8 91.8 137.6
77 41.7 34.2 51.2
79 42.5 33.7 50.5



#18
Hexachloroethane
Concen: 46.754 ng
RT: 7.560 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

Tgt Ion:117 Resp: 227135
Ion Ratio Lower Upper
117 100
119 96.8 76.7 115.1
201 90.7 76.6 114.8

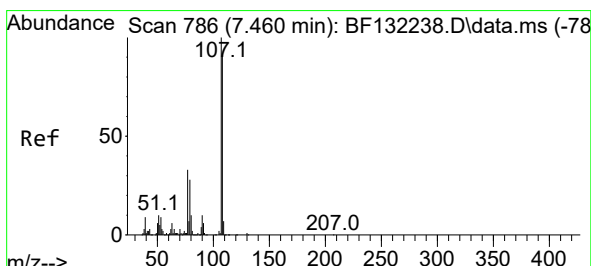
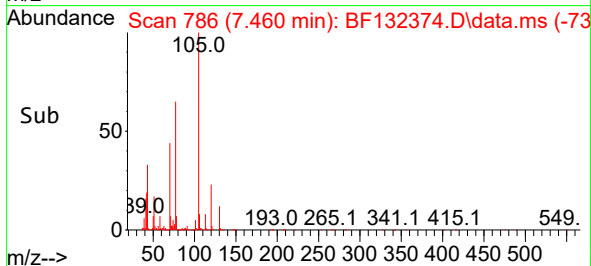
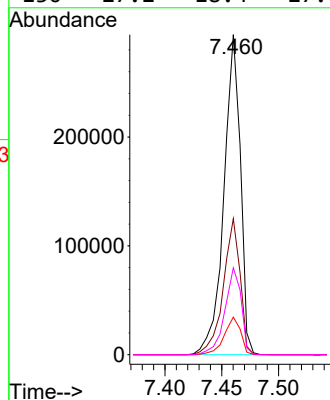
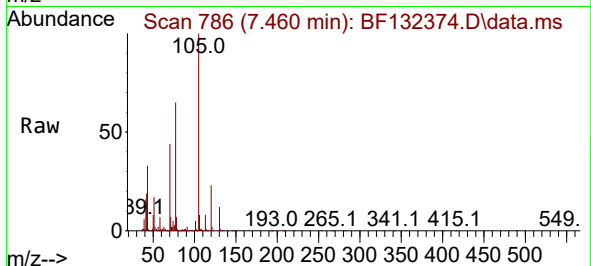




#19
n-Nitroso-di-n-propylamine
Concen: 35.905 ng
RT: 7.460 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

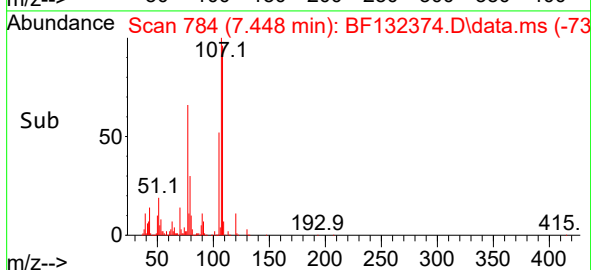
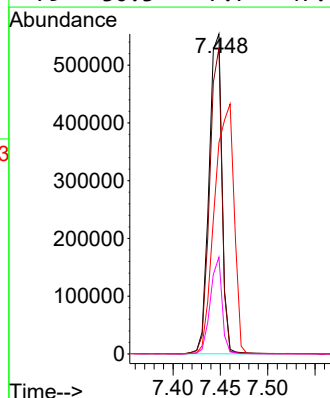
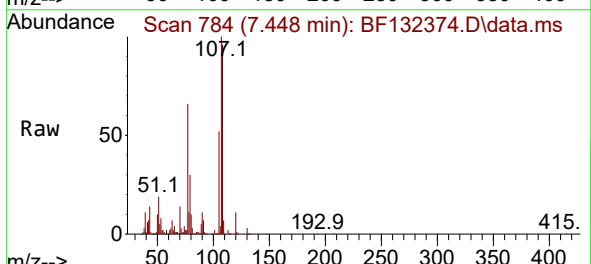
Instrument :
BNA_F
ClientSampleId :
PB150738BS

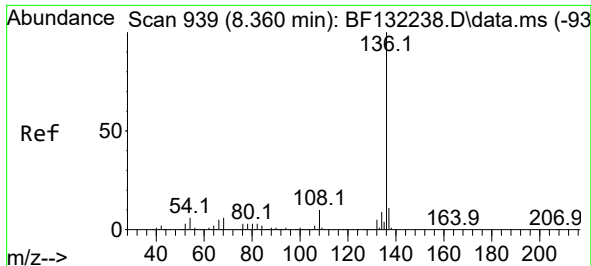
Tgt Ion: 70 Resp: 297787
Ion Ratio Lower Upper
70 100
42 42.5 33.4 50.0
101 11.7 8.2 12.4
130 27.2 18.4 27.6



#20
3+4-Methylphenols
Concen: 38.345 ng
RT: 7.448 min Scan# 784
Delta R.T. 0.006 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

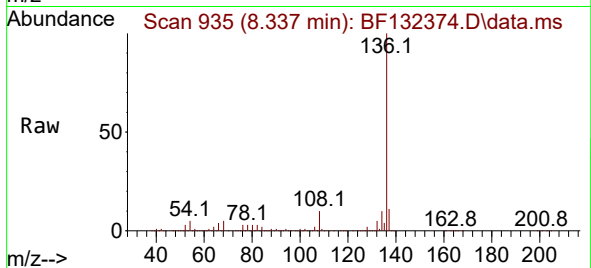
Tgt Ion: 107 Resp: 525497
Ion Ratio Lower Upper
107 100
108 95.6 71.6 111.6
77 66.0 13.4 53.4#
79 30.3 7.7 47.7



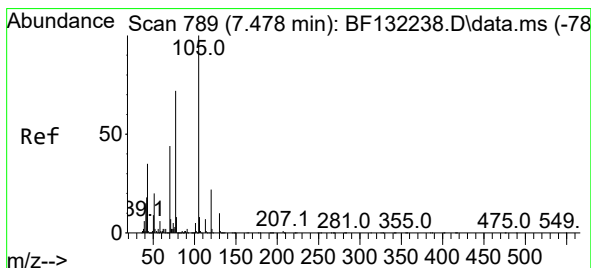
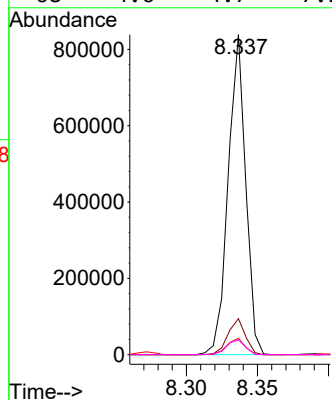
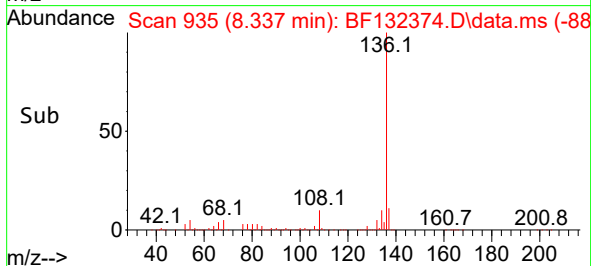


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.337 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

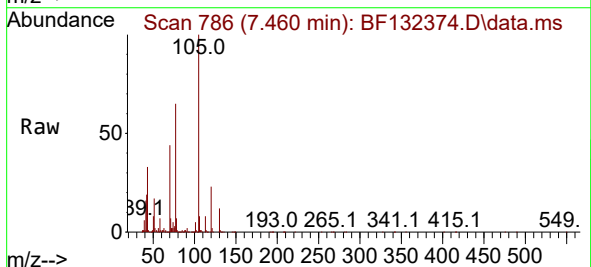
Instrument :
BNA_F
ClientSampleId :
PB150738BS



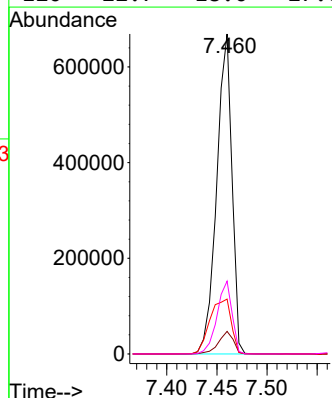
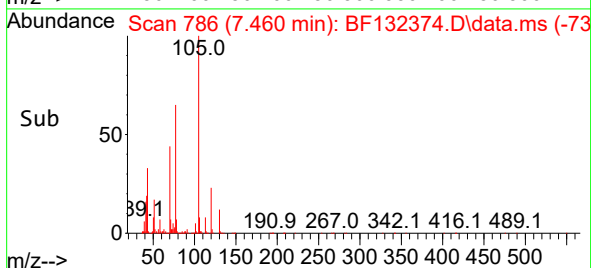
Tgt Ion:136 Resp: 718610
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 5.1 4.9 7.3
68 4.6 4.7 7.1#

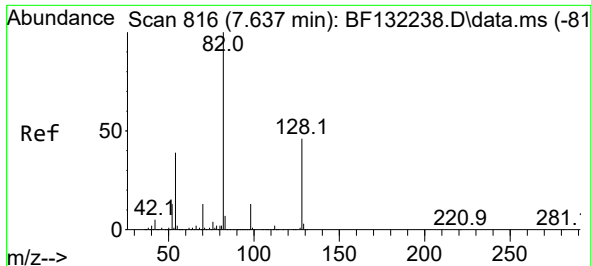


#22
Acetophenone
Concen: 41.738 ng
RT: 7.460 min Scan# 786
Delta R.T. 0.006 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21



Tgt Ion:105 Resp: 705355
Ion Ratio Lower Upper
105 100
71 7.1 5.8 8.6
51 17.1 16.2 24.2
120 22.7 18.0 27.0





#23

Nitrobenzene-d5

Concen: 78.338 ng

RT: 7.613 min Scan# 816

Delta R.T. 0.000 min

Lab File: BF132374.D

Acq: 09 Feb 2023 11:21

Instrument :

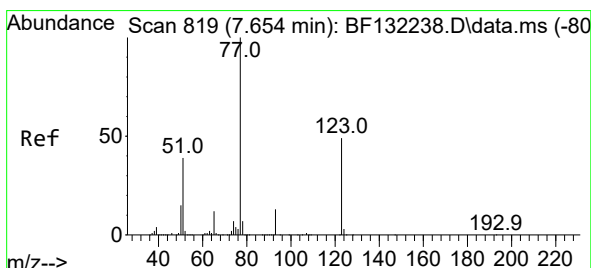
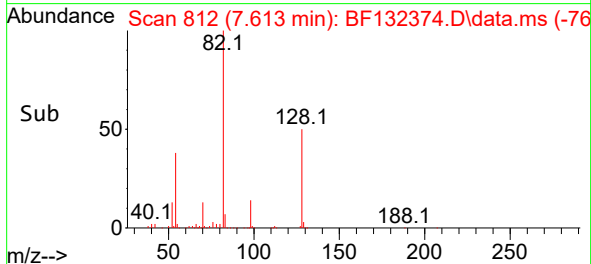
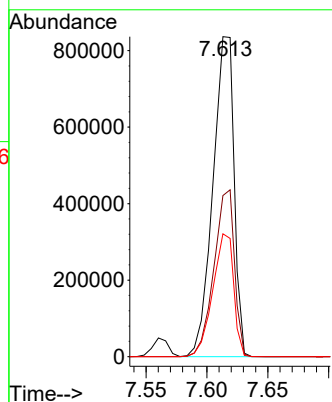
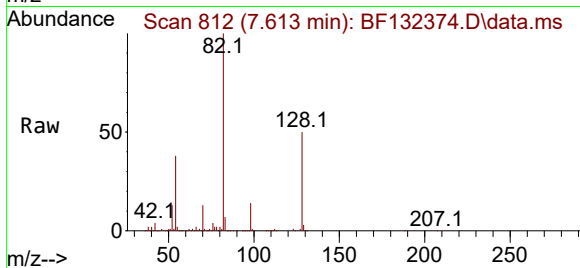
BNA_F

ClientSampleId :

PB150738BS

Tgt Ion: 82 Resp: 1011632

Ion	Ratio	Lower	Upper
82	100		
128	50.4	37.0	55.4
54	38.4	31.5	47.3



#24

Nitrobenzene

Concen: 38.020 ng

RT: 7.637 min Scan# 816

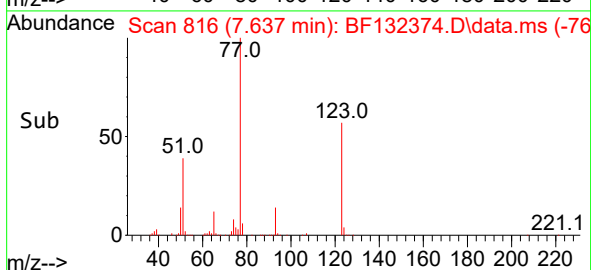
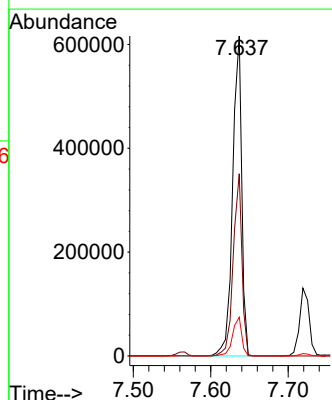
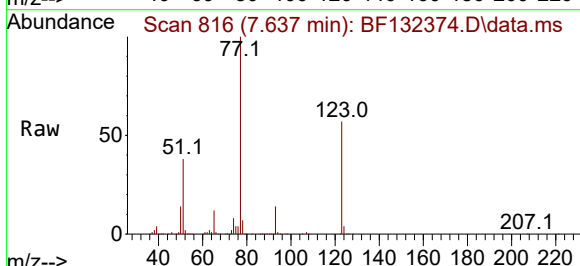
Delta R.T. 0.006 min

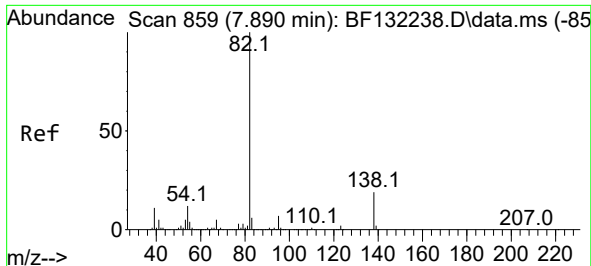
Lab File: BF132374.D

Acq: 09 Feb 2023 11:21

Tgt Ion: 77 Resp: 501595

Ion	Ratio	Lower	Upper
77	100		
123	56.9	39.5	59.3
65	12.1	9.8	14.8

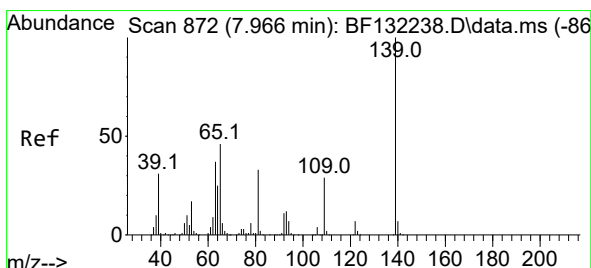
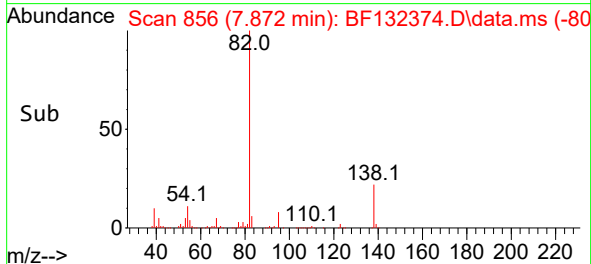
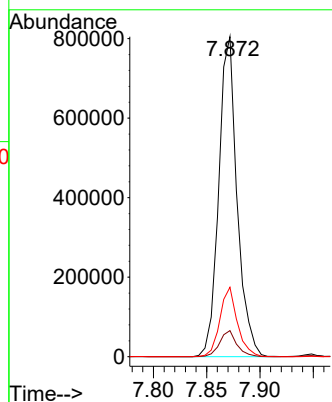
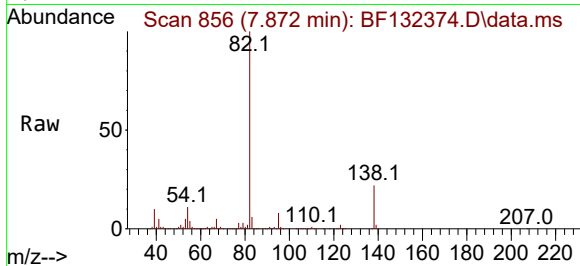




#25
Isophorone
Concen: 39.323 ng
RT: 7.872 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

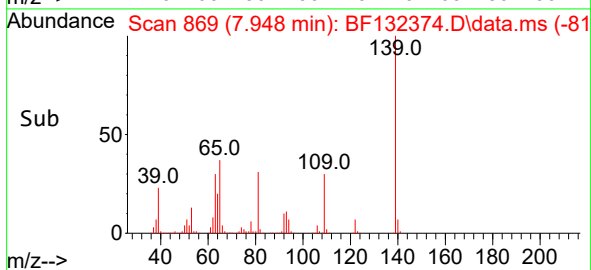
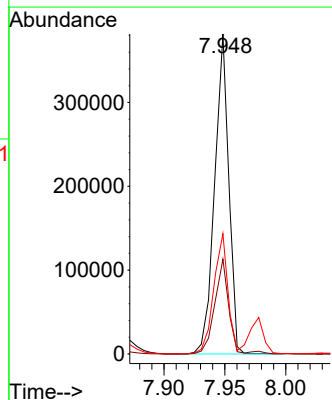
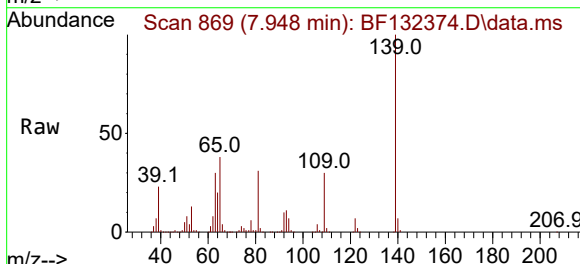
Instrument :
BNA_F
ClientSampleId :
PB150738BS

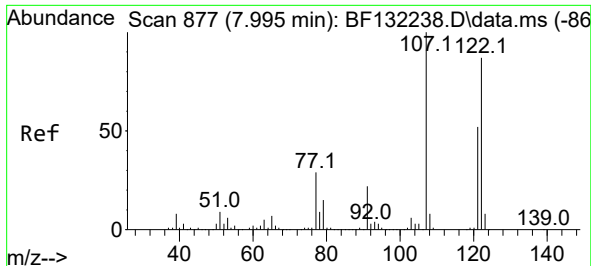
Tgt Ion: 82 Resp: 963821
Ion Ratio Lower Upper
82 100
95 8.2 5.6 8.4
138 21.7 15.0 22.6



#26
2-Nitrophenol
Concen: 47.836 ng
RT: 7.948 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

Tgt Ion:139 Resp: 307398
Ion Ratio Lower Upper
139 100
109 29.7 23.0 34.6
65 37.6 36.6 55.0

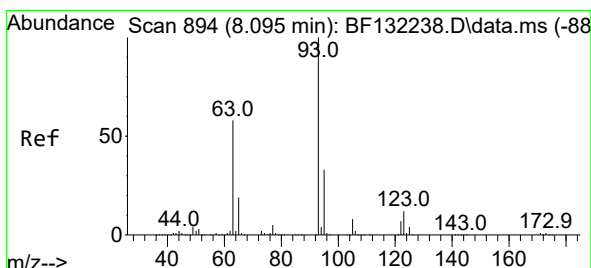
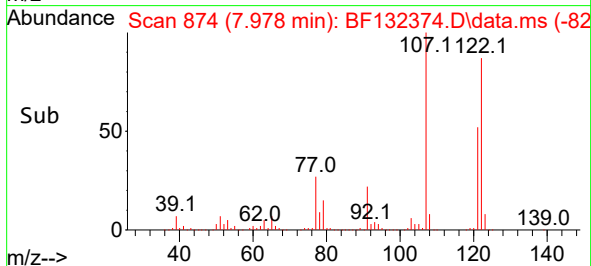
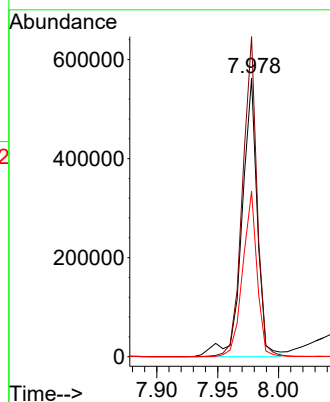
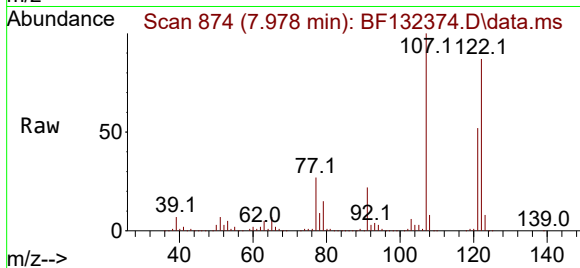




#27
2,4-Dimethylphenol
Concen: 43.656 ng
RT: 7.978 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

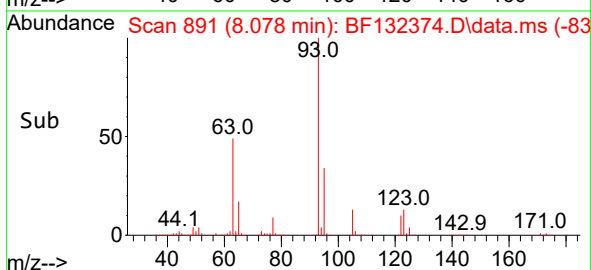
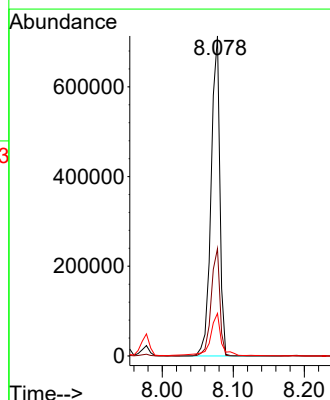
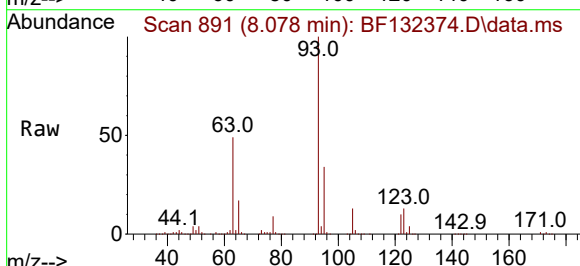
Instrument :
BNA_F
ClientSampleId :
PB150738BS

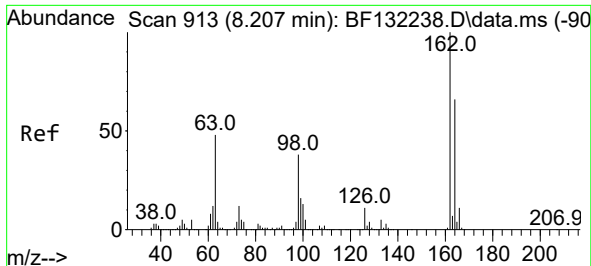
Tgt Ion:122 Resp: 491043
Ion Ratio Lower Upper
122 100
107 115.0 91.9 137.9
121 59.4 47.8 71.8



#28
bis(2-Chloroethoxy)methane
Concen: 40.590 ng
RT: 8.078 min Scan# 891
Delta R.T. 0.006 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

Tgt Ion: 93 Resp: 611371
Ion Ratio Lower Upper
93 100
95 33.5 26.6 40.0
123 13.3 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 45.405 ng

RT: 8.190 min Scan# 913

Delta R.T. 0.006 min

Lab File: BF132374.D

Acq: 09 Feb 2023 11:21

Instrument :

BNA_F

ClientSampleId :

PB150738BS

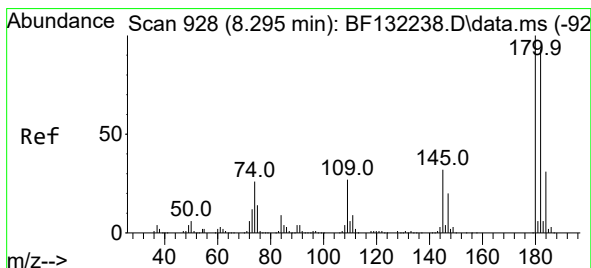
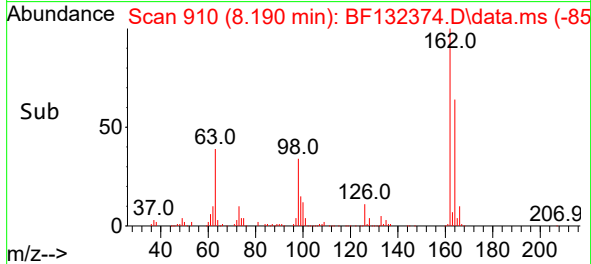
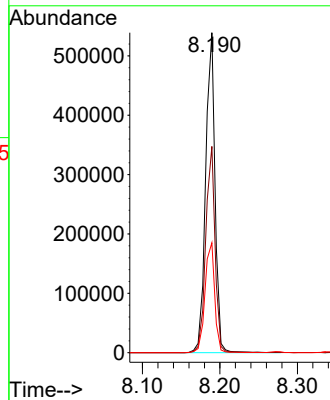
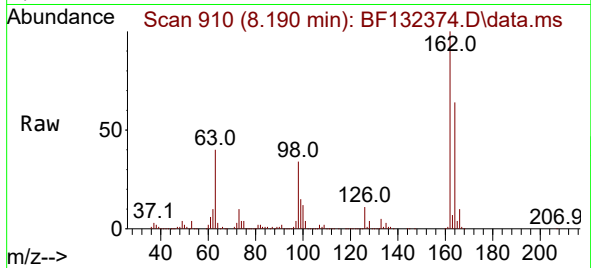
Tgt Ion:162 Resp: 453424

Ion Ratio Lower Upper

162 100

164 64.4 46.4 86.4

98 34.3 17.8 57.8



#30

1,2,4-Trichlorobenzene

Concen: 47.522 ng

RT: 8.272 min Scan# 924

Delta R.T. 0.000 min

Lab File: BF132374.D

Acq: 09 Feb 2023 11:21

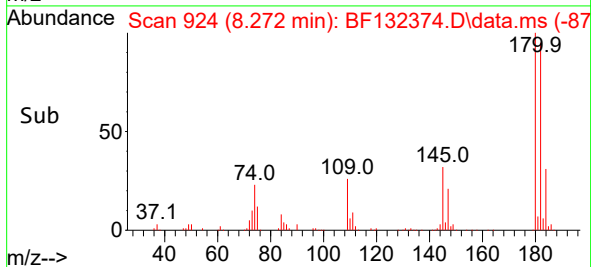
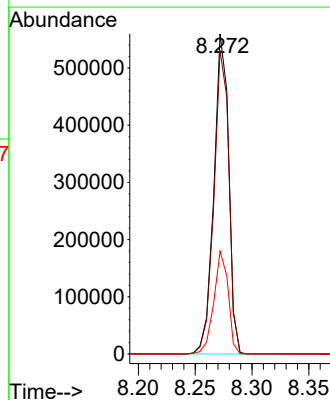
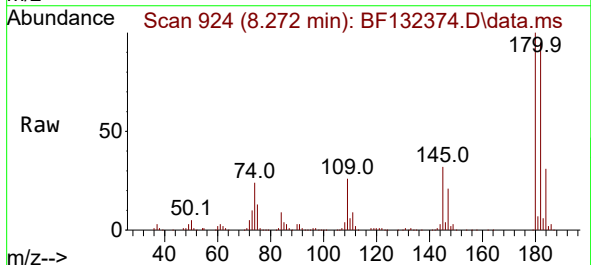
Tgt Ion:180 Resp: 508197

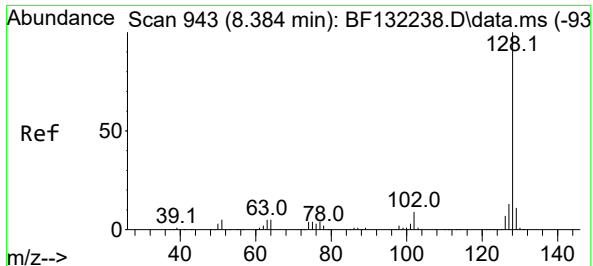
Ion Ratio Lower Upper

180 100

182 94.9 74.6 112.0

145 32.1 25.3 37.9

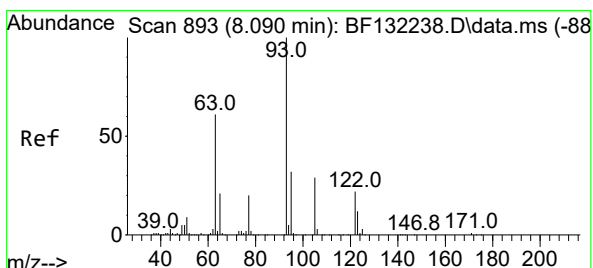
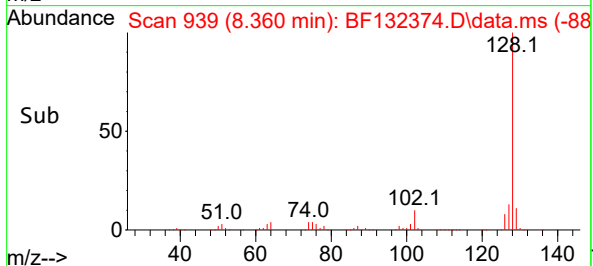
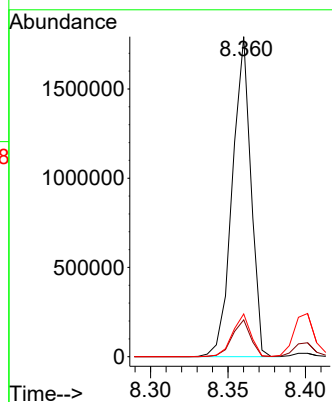
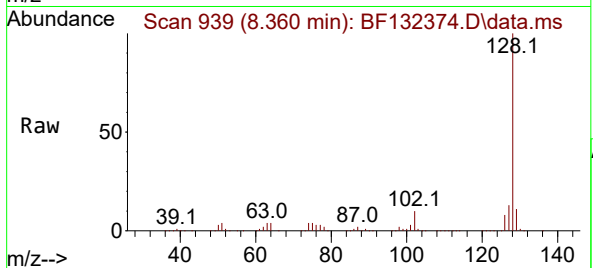




#31
Naphthalene
Concen: 42.250 ng
RT: 8.360 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

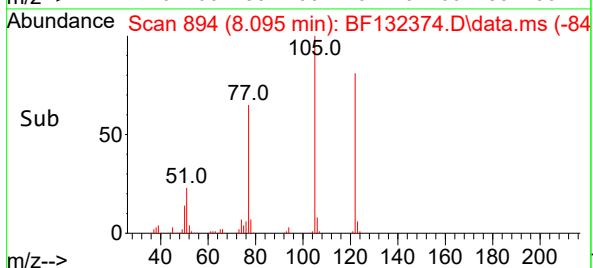
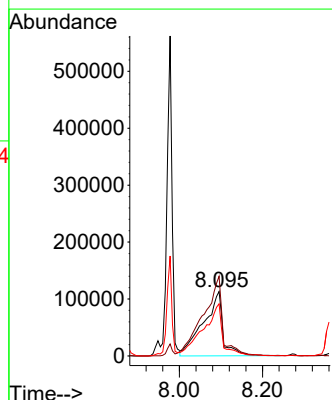
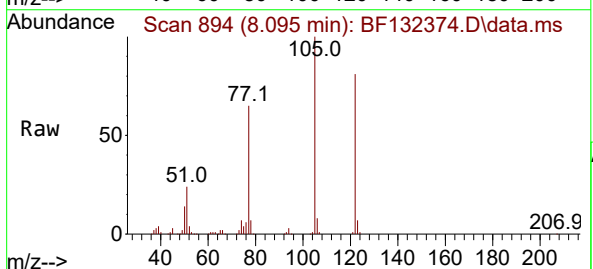
Instrument :
BNA_F
ClientSampleId :
PB150738BS

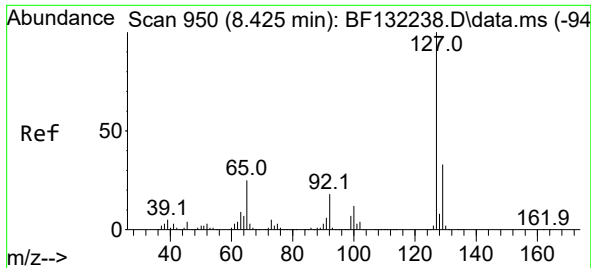
Tgt Ion:128 Resp: 1494489
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.4
127 13.4 10.5 15.7



#32
Benzoic acid
Concen: 44.531 ng
RT: 8.095 min Scan# 894
Delta R.T. 0.012 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

Tgt Ion:122 Resp: 370756
Ion Ratio Lower Upper
122 100
105 123.5 106.3 146.3
77 80.9 70.6 110.6



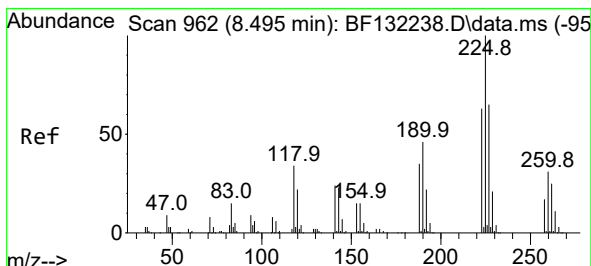
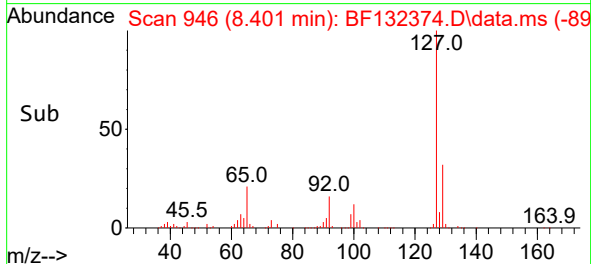
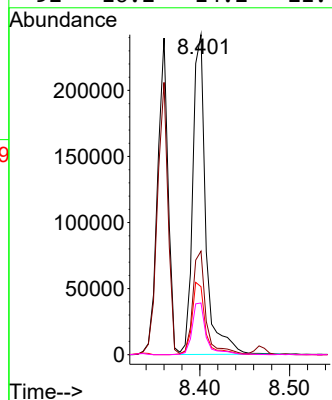
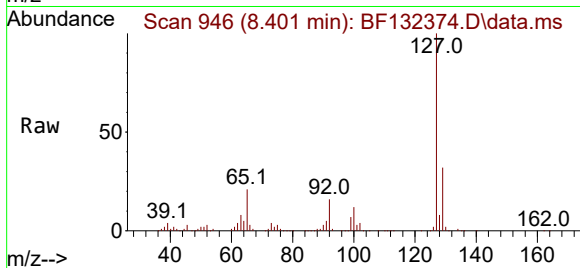


#33
4-Chloroaniline
Concen: 15.558 ng
RT: 8.401 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

Instrument :
BNA_F
ClientSampleId :
PB150738BS

Tgt Ion:127 Resp: 244030

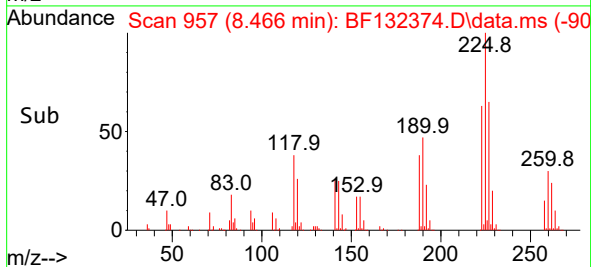
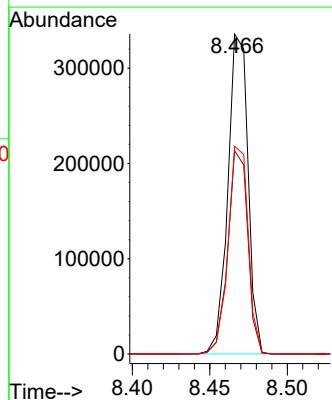
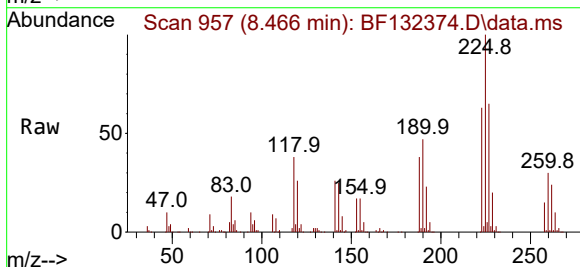
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.6	39.8
65	21.2	20.2	30.2
92	16.2	14.2	21.4

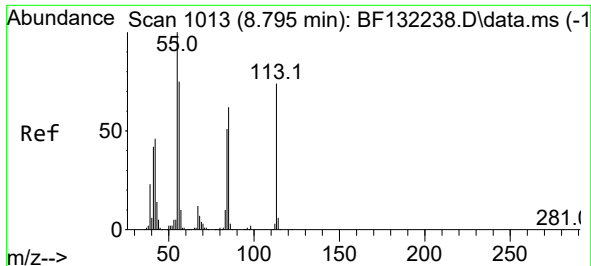


#34
Hexachlorobutadiene
Concen: 50.573 ng
RT: 8.466 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

Tgt Ion:225 Resp: 304034

Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.6	75.8
227	64.9	51.7	77.5

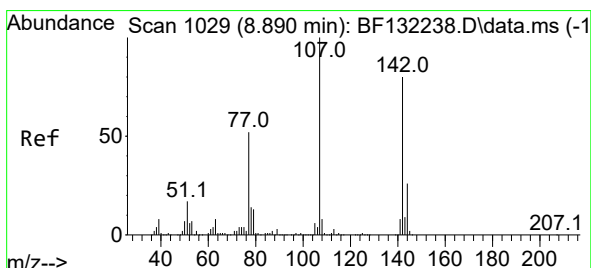
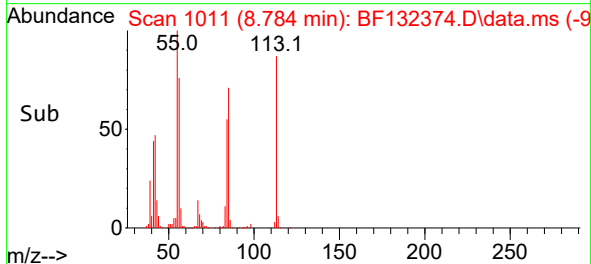
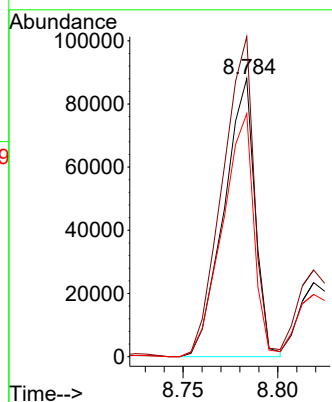
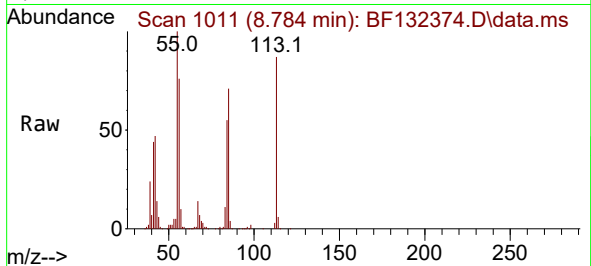




#35
Caprolactam
Concen: 29.480 ng
RT: 8.784 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

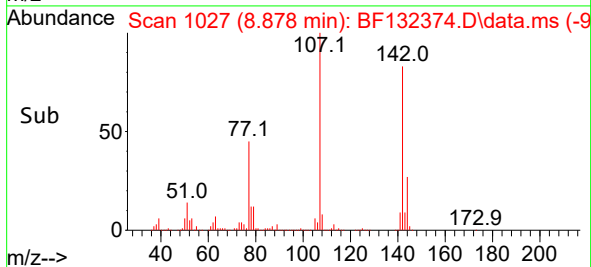
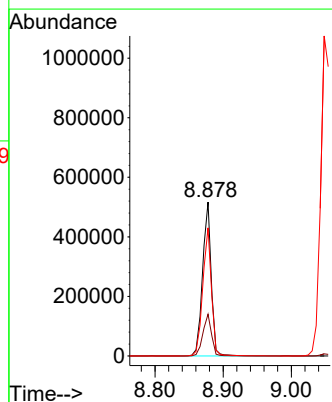
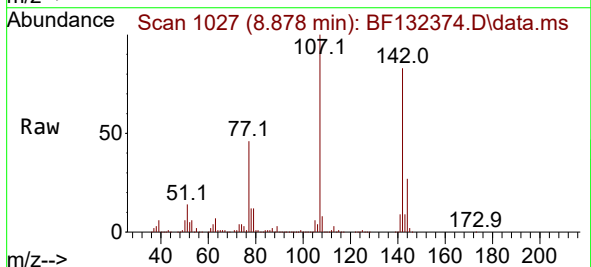
Instrument :
BNA_F
ClientSampleId :
PB150738BS

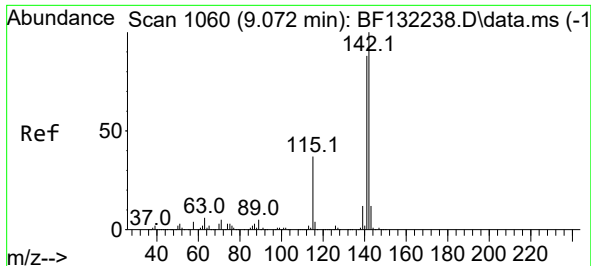
Tgt Ion:113 Resp: 100363
Ion Ratio Lower Upper
113 100
55 115.1 114.7 154.7
56 87.4 81.1 121.1



#36
4-Chloro-3-methylphenol
Concen: 42.467 ng
RT: 8.878 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

Tgt Ion:107 Resp: 456879
Ion Ratio Lower Upper
107 100
144 27.1 20.5 30.7
142 83.2 63.6 95.4

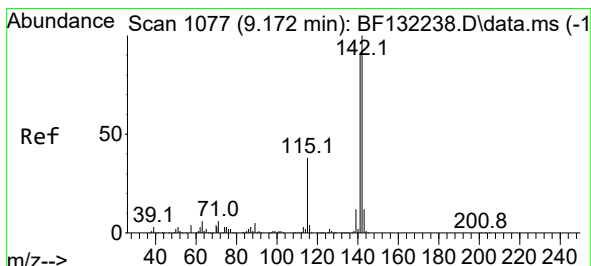
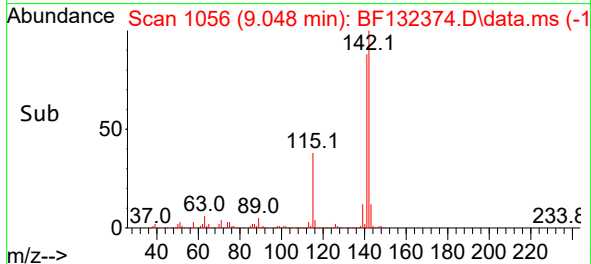
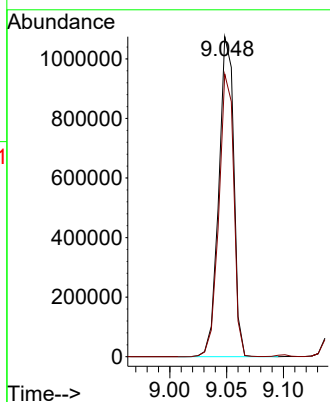
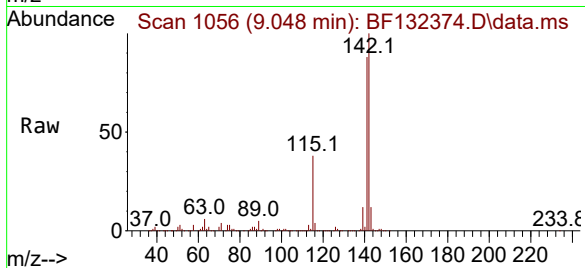




#37
2-Methylnaphthalene
Concen: 41.349 ng
RT: 9.048 min Scan# 1056
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

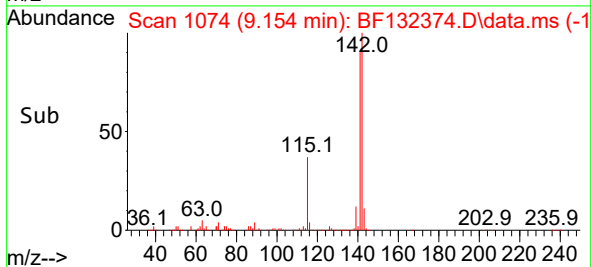
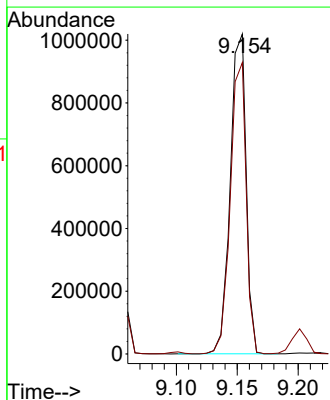
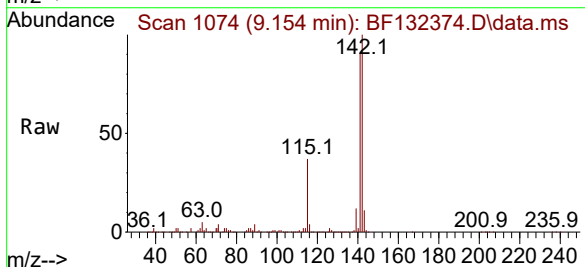
Instrument :
BNA_F
ClientSampleId :
PB150738BS

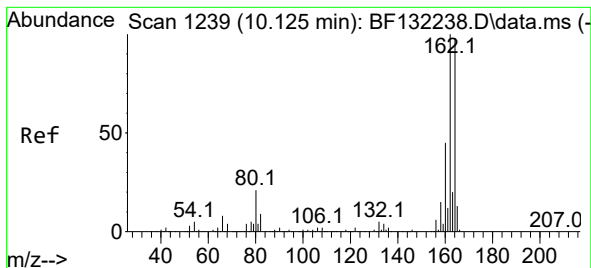
Tgt Ion:142 Resp: 990707
Ion Ratio Lower Upper
142 100
141 88.3 70.1 105.1



#38
1-Methylnaphthalene
Concen: 41.669 ng
RT: 9.154 min Scan# 1074
Delta R.T. 0.006 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

Tgt Ion:142 Resp: 927810
Ion Ratio Lower Upper
142 100
141 91.1 72.6 108.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.101 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132374.D

Acq: 09 Feb 2023 11:21

Instrument :

BNA_F

ClientSampleId :

PB150738BS

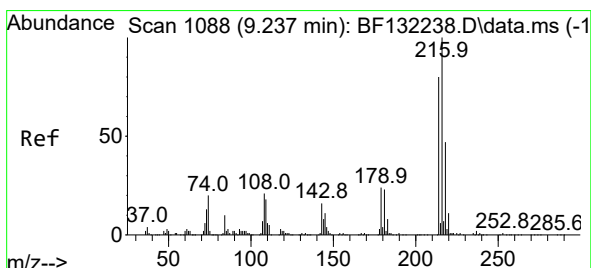
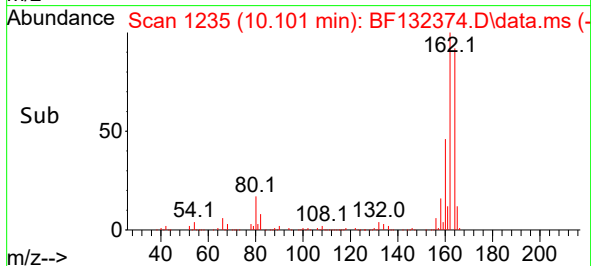
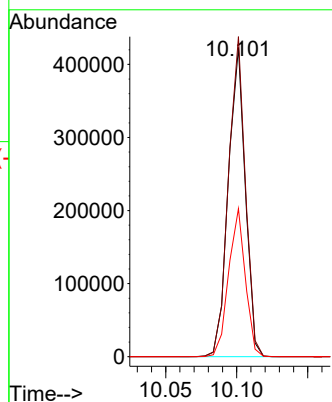
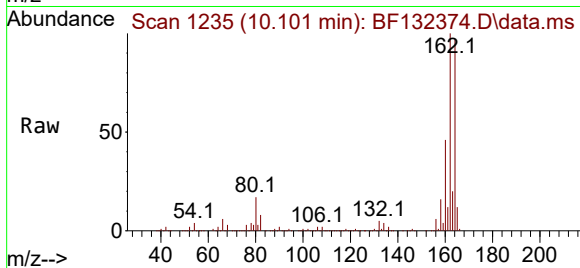
Tgt Ion:164 Resp: 351555

Ion Ratio Lower Upper

164 100

162 103.5 82.0 123.0

160 47.9 37.1 55.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.084 ng

RT: 9.219 min Scan# 1085

Delta R.T. 0.006 min

Lab File: BF132374.D

Acq: 09 Feb 2023 11:21

Tgt Ion:216 Resp: 475700

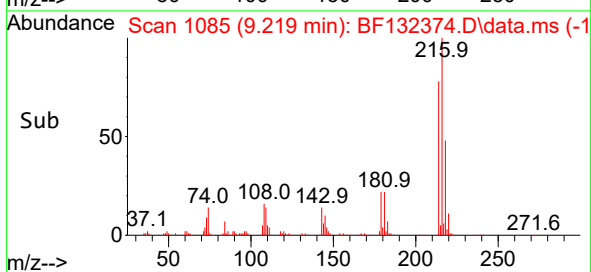
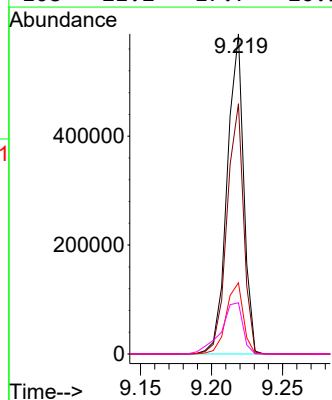
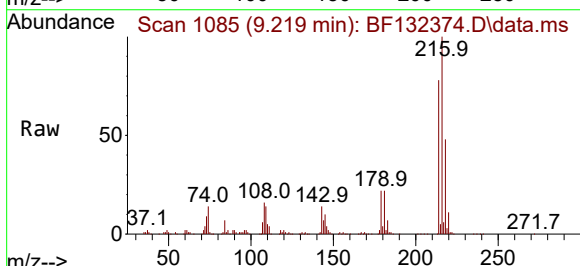
Ion Ratio Lower Upper

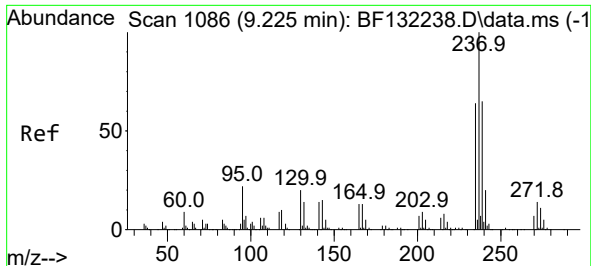
216 100

214 78.5 63.6 95.4

179 22.9 18.3 27.5

108 21.2 17.7 26.5

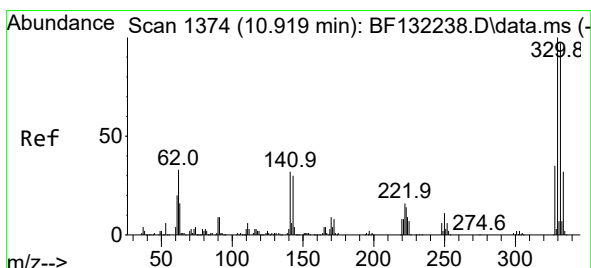
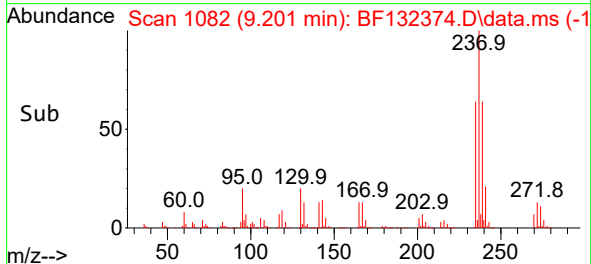
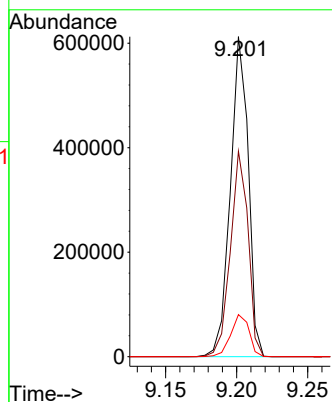
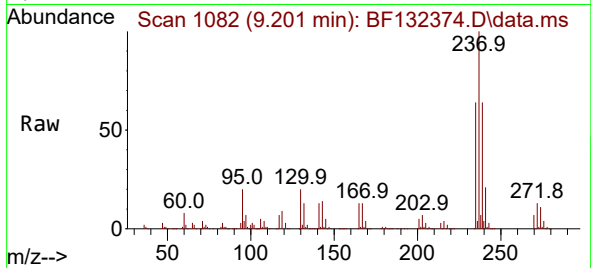




#41
Hexachlorocyclopentadiene
Concen: 93.095 ng
RT: 9.201 min Scan# 1082
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

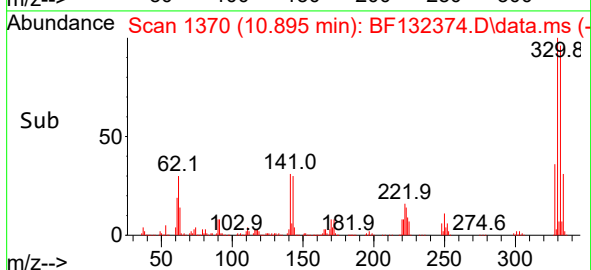
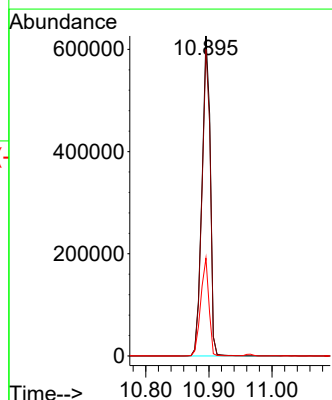
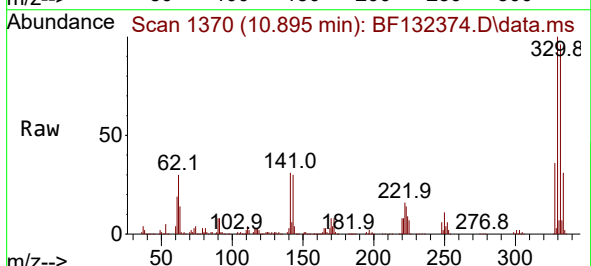
Instrument :
BNA_F
ClientSampleId :
PB150738BS

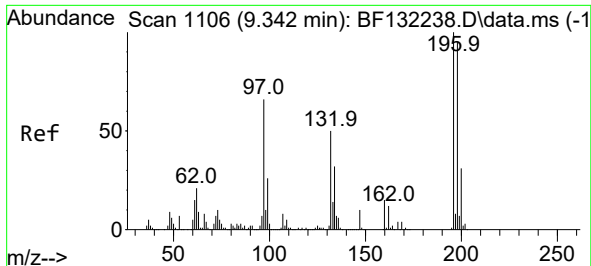
Tgt Ion:237 Resp: 537341
Ion Ratio Lower Upper
237 100
235 64.2 43.5 83.5
272 13.1 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 157.182 ng
RT: 10.895 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

Tgt Ion:330 Resp: 568253
Ion Ratio Lower Upper
330 100
332 96.1 77.9 116.9
141 30.3 31.0 46.4#

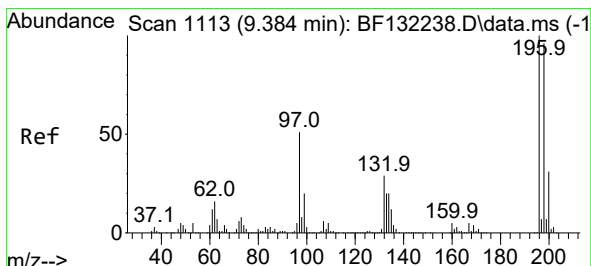
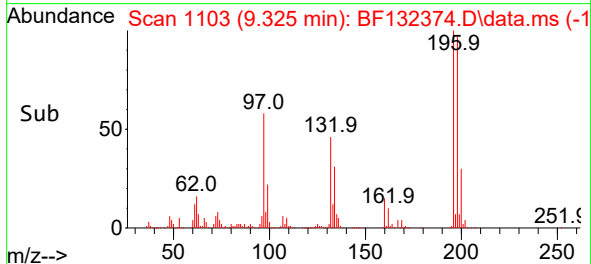
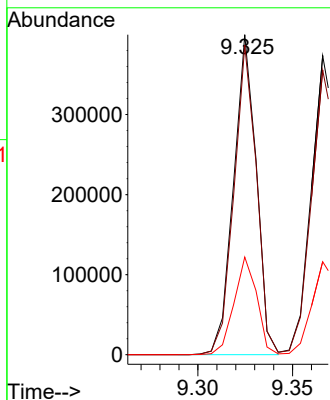
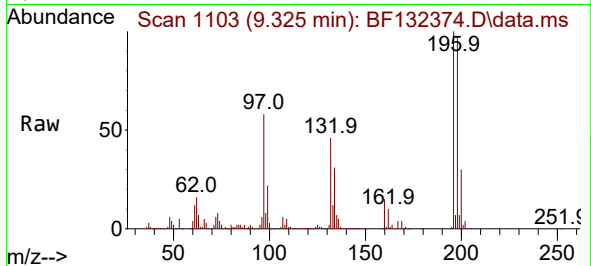




#43
2,4,6-Trichlorophenol
Concen: 46.970 ng
RT: 9.325 min Scan# 1106
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

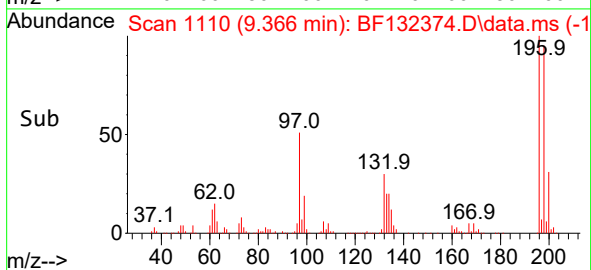
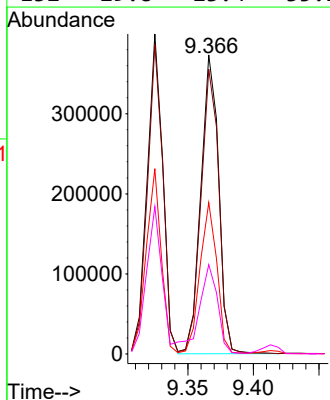
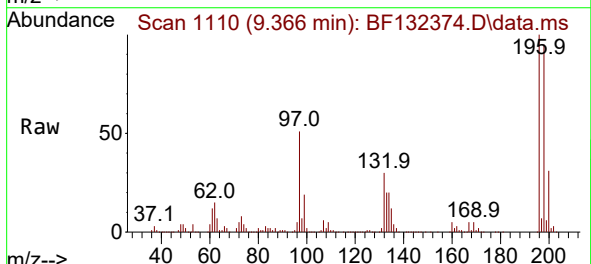
Instrument :
BNA_F
ClientSampleId :
PB150738BS

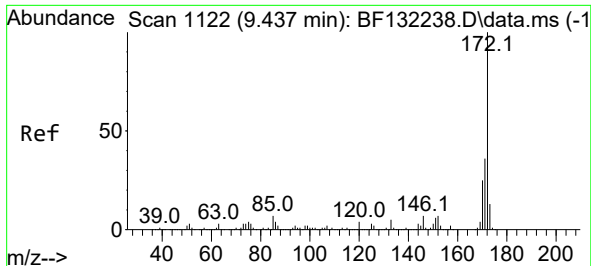
Tgt Ion:196 Resp: 332170
Ion Ratio Lower Upper
196 100
198 96.7 75.9 113.9
200 30.5 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 43.484 ng
RT: 9.366 min Scan# 1110
Delta R.T. 0.006 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

Tgt Ion:196 Resp: 353951
Ion Ratio Lower Upper
196 100
198 95.2 77.0 115.4
97 50.6 41.2 61.8
132 29.8 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 83.166 ng

RT: 9.413 min Scan# 1118

Delta R.T. 0.000 min

Lab File: BF132374.D

Acq: 09 Feb 2023 11:21

Instrument :

BNA_F

ClientSampleId :

PB150738BS

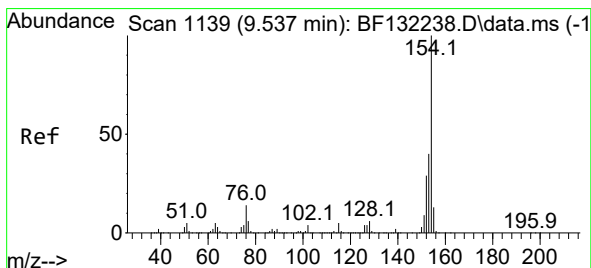
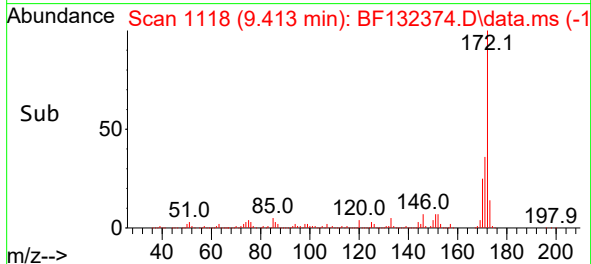
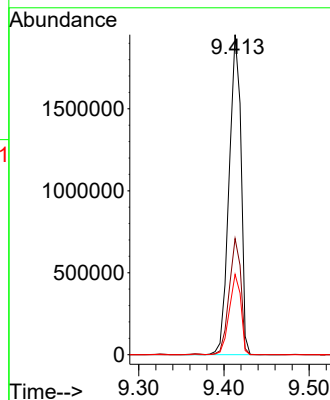
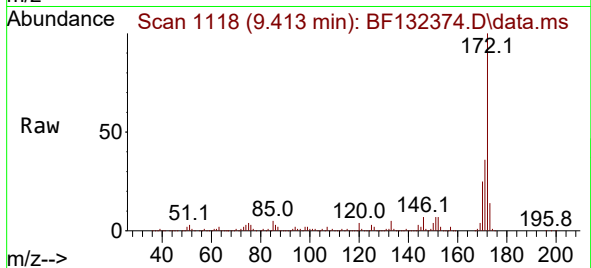
Tgt Ion:172 Resp: 1893311

Ion Ratio Lower Upper

172 100

171 36.3 28.6 43.0

170 25.1 19.7 29.5



#46

1,1'-Biphenyl

Concen: 44.063 ng

RT: 9.519 min Scan# 1136

Delta R.T. 0.006 min

Lab File: BF132374.D

Acq: 09 Feb 2023 11:21

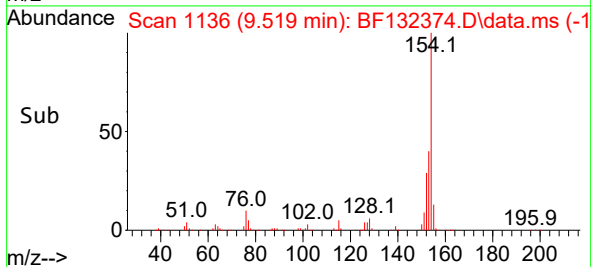
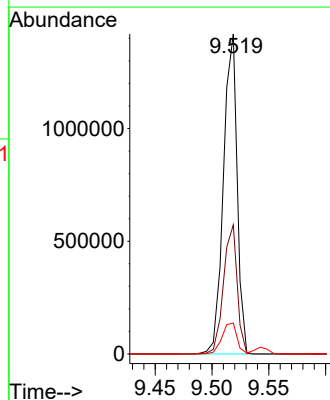
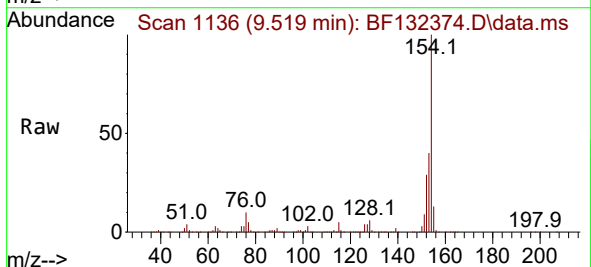
Tgt Ion:154 Resp: 1194245

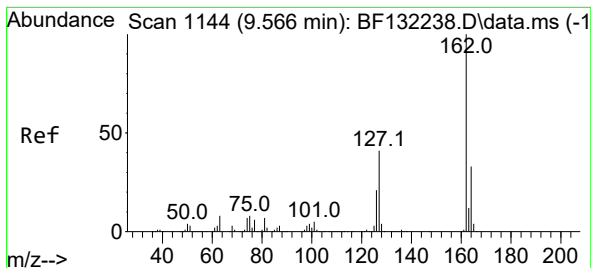
Ion Ratio Lower Upper

154 100

153 40.3 19.9 59.9

76 9.7 0.0 34.0





#47

2-Chloronaphthalene

Concen: 45.084 ng

RT: 9.542 min Scan# 1144

Delta R.T. 0.000 min

Lab File: BF132374.D

Acq: 09 Feb 2023 11:21

Instrument :

BNA_F

ClientSampleId :

PB150738BS

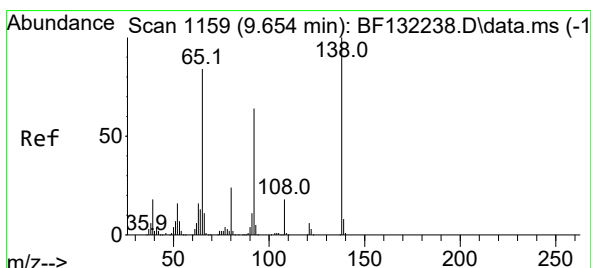
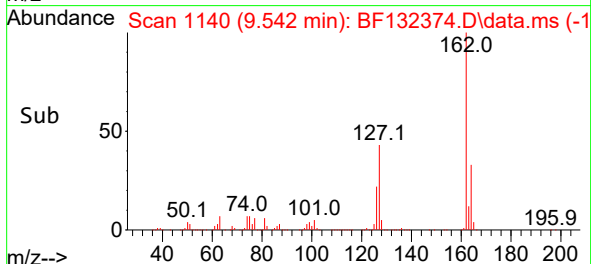
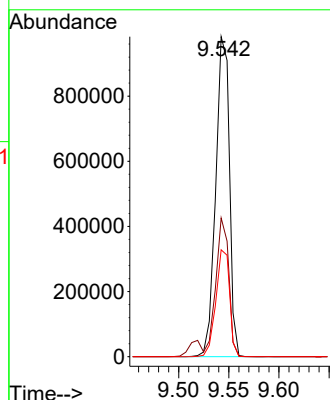
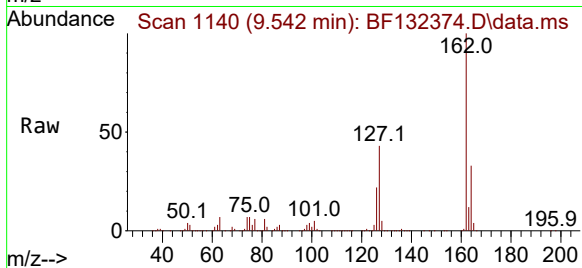
Tgt Ion:162 Resp: 930669

Ion Ratio Lower Upper

162 100

127 43.4 33.3 49.9

164 33.4 26.8 40.2



#48

2-Nitroaniline

Concen: 35.849 ng

RT: 9.636 min Scan# 1156

Delta R.T. 0.000 min

Lab File: BF132374.D

Acq: 09 Feb 2023 11:21

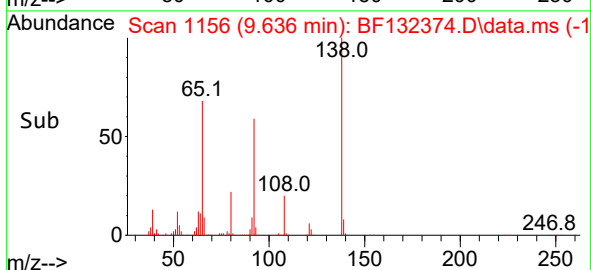
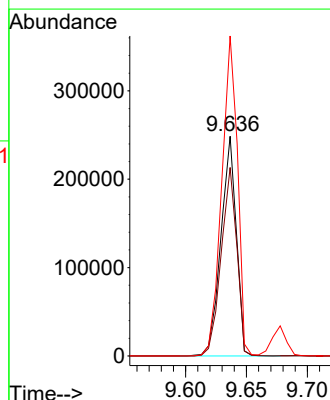
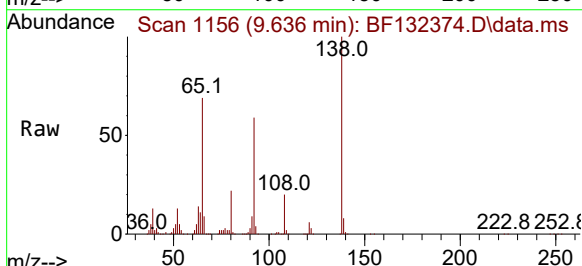
Tgt Ion: 65 Resp: 220089

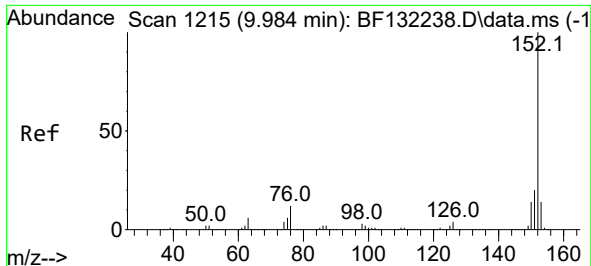
Ion Ratio Lower Upper

65 100

92 85.8 61.0 91.4

138 145.7 95.0 142.4#





#49

Acenaphthylene

Concen: 42.502 ng

RT: 9.966 min Scan# 1186

Delta R.T. 0.006 min

Lab File: BF132374.D

Acq: 09 Feb 2023 11:21

Instrument :

BNA_F

ClientSampleId :

PB150738BS

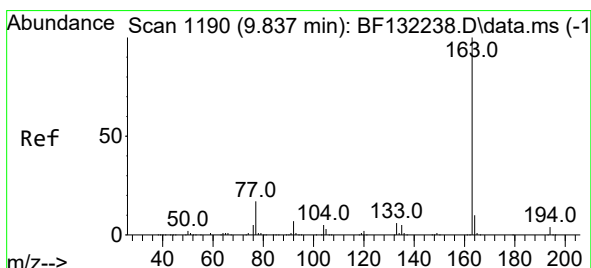
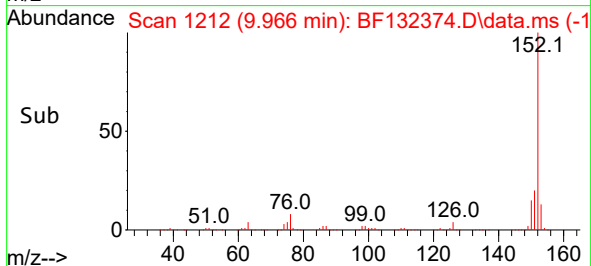
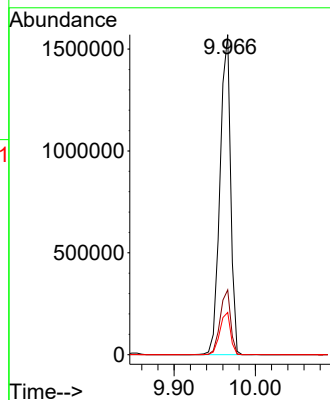
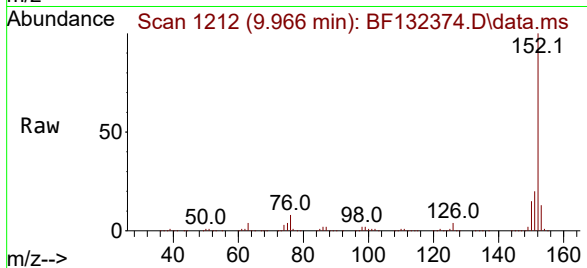
Tgt Ion:152 Resp: 1431919

Ion Ratio Lower Upper

152 100

151 20.3 15.9 23.9

153 13.2 10.9 16.3



#50

Dimethylphthalate

Concen: 44.114 ng

RT: 9.813 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF132374.D

Acq: 09 Feb 2023 11:21

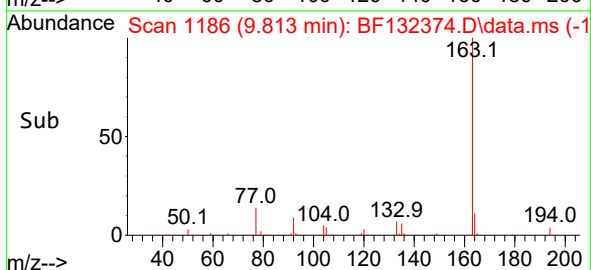
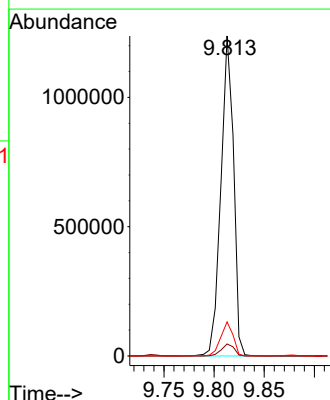
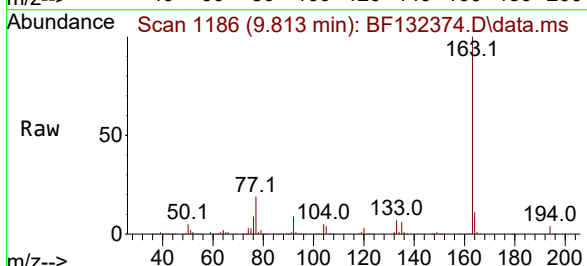
Tgt Ion:163 Resp: 1084825

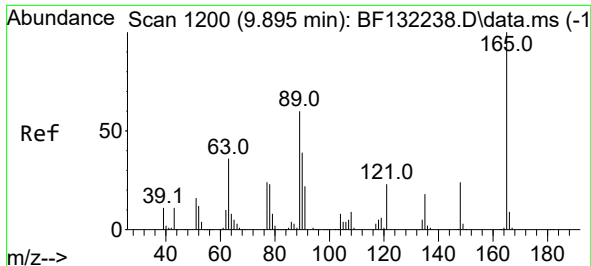
Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

164 10.7 7.9 11.9

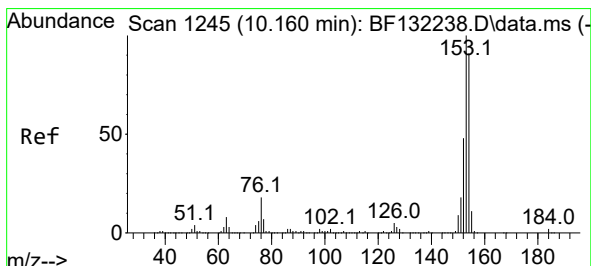
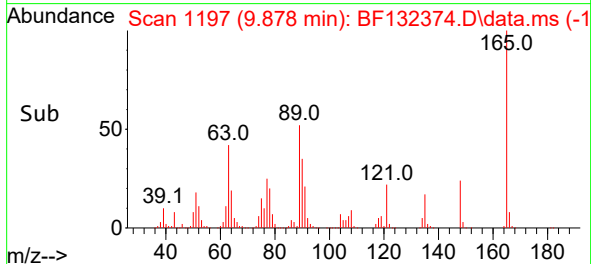
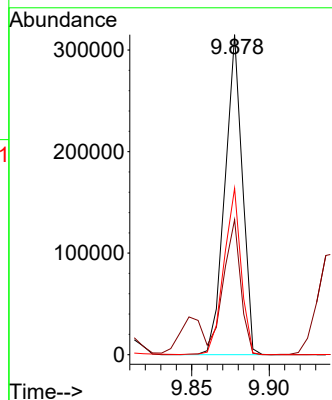
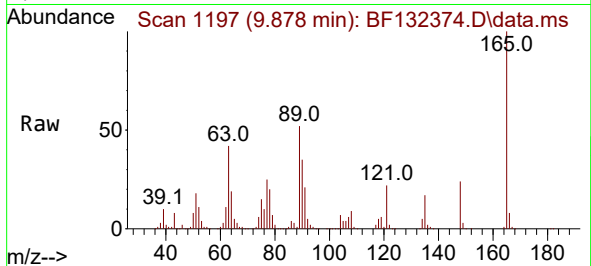




#51
2,6-Dinitrotoluene
Concen: 44.854 ng
RT: 9.878 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

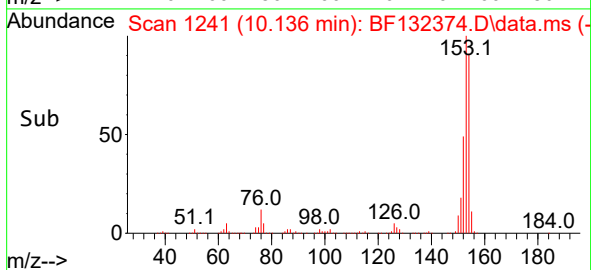
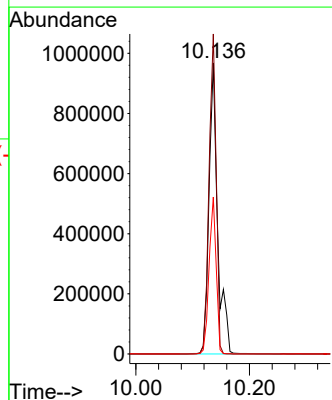
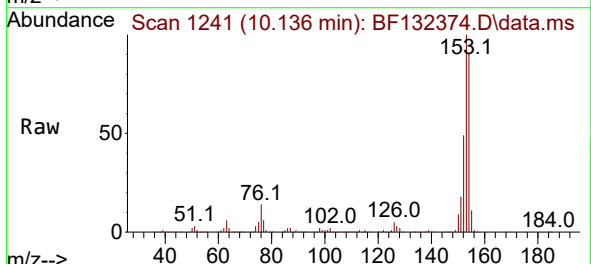
Instrument :
BNA_F
ClientSampleId :
PB150738BS

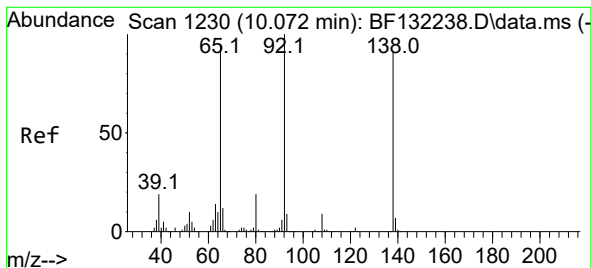
Tgt Ion:165 Resp: 246344
Ion Ratio Lower Upper
165 100
63 42.2 41.5 62.3
89 52.0 48.1 72.1



#52
Acenaphthene
Concen: 48.514 ng
RT: 10.136 min Scan# 1241
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

Tgt Ion:154 Resp: 1023265
Ion Ratio Lower Upper
154 100
153 110.0 88.3 132.5
152 53.9 42.7 64.1





#53

3-Nitroaniline

Concen: 27.759 ng

RT: 10.048 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF132374.D

Acq: 09 Feb 2023 11:21

Instrument :

BNA_F

ClientSampleId :

PB150738BS

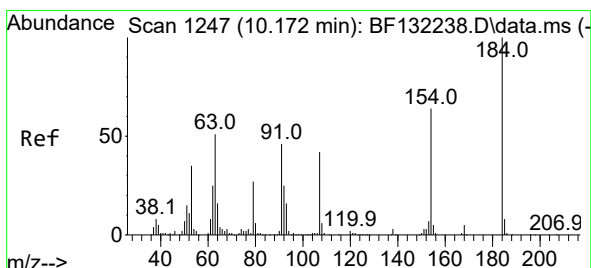
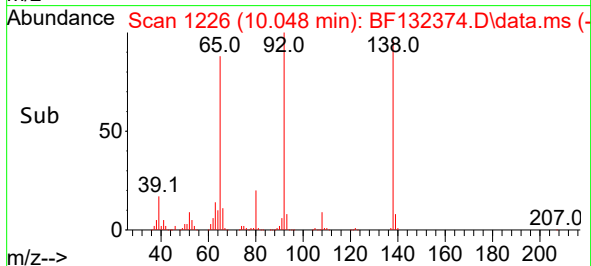
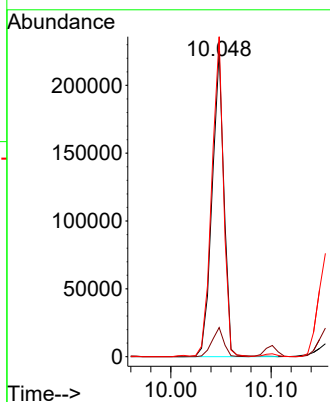
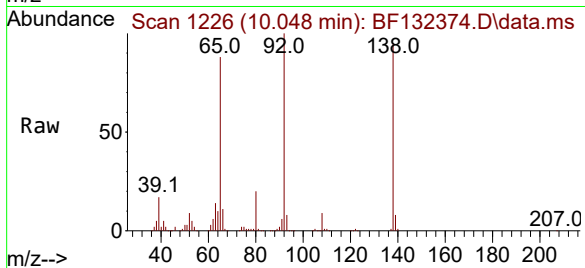
Tgt Ion:138 Resp: 184887

Ion Ratio Lower Upper

138 100

108 9.5 7.6 11.4

92 104.7 88.3 132.5



#54

2,4-Dinitrophenol

Concen: 89.775 ng

RT: 10.154 min Scan# 1244

Delta R.T. 0.006 min

Lab File: BF132374.D

Acq: 09 Feb 2023 11:21

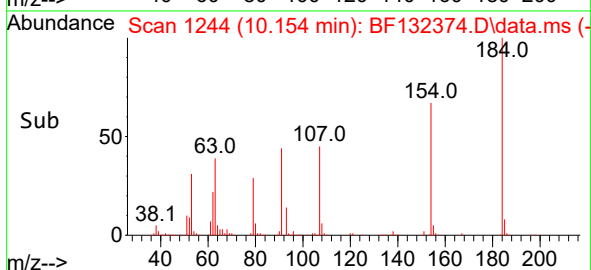
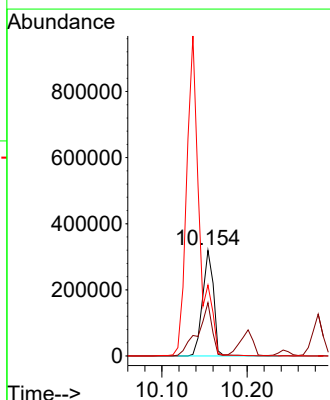
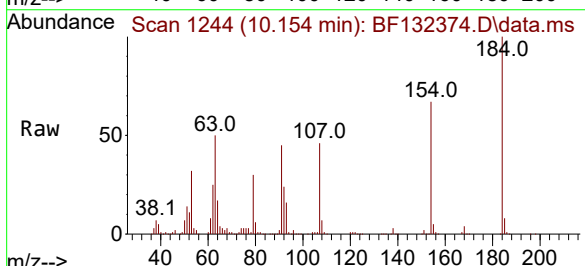
Tgt Ion:184 Resp: 287591

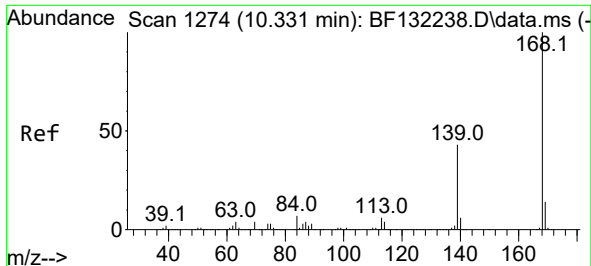
Ion Ratio Lower Upper

184 100

63 50.5 41.6 62.4

154 67.1 57.0 85.6

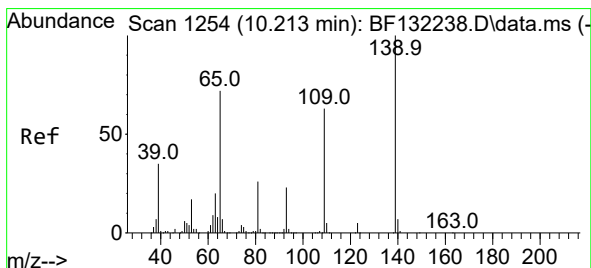
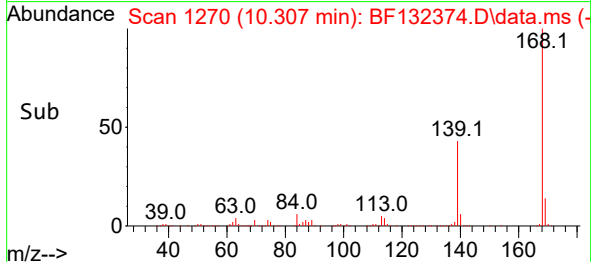
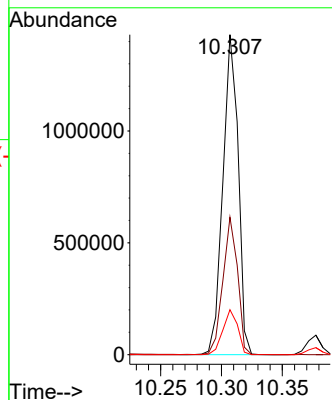
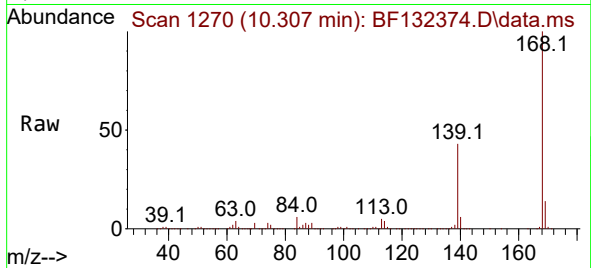




#55
Dibenzenofuran
Concen: 42.241 ng
RT: 10.307 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

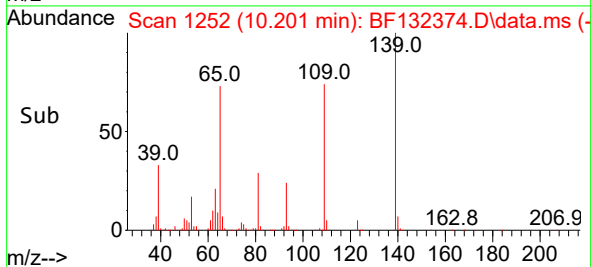
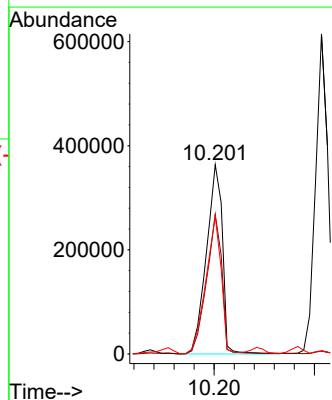
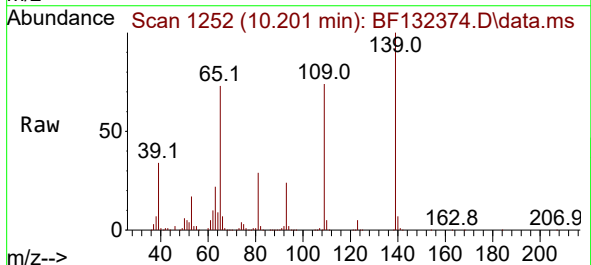
Instrument :
BNA_F
ClientSampleId :
PB150738BS

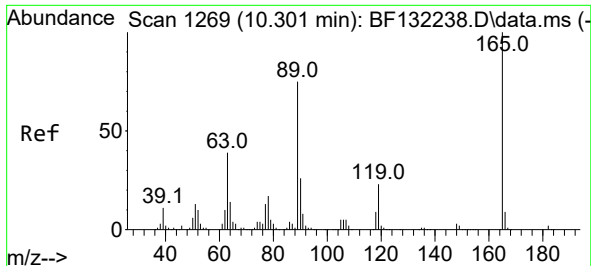
Tgt Ion:168 Resp: 1251840
Ion Ratio Lower Upper
168 100
139 43.0 34.2 51.4
169 14.1 11.2 16.8



#56
4-Nitrophenol
Concen: 80.674 ng
RT: 10.201 min Scan# 1252
Delta R.T. 0.012 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

Tgt Ion:139 Resp: 404339
Ion Ratio Lower Upper
139 100
109 73.8 43.3 83.3
65 72.8 52.3 92.3

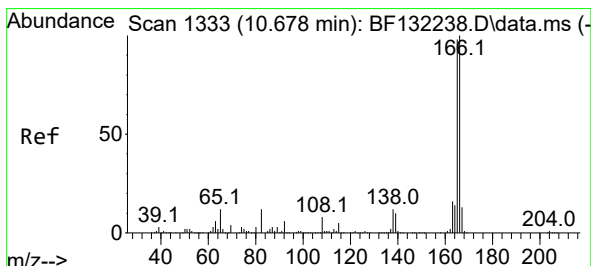
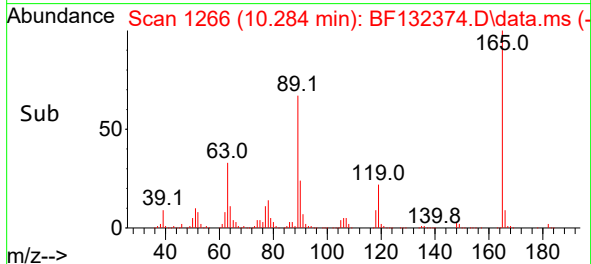
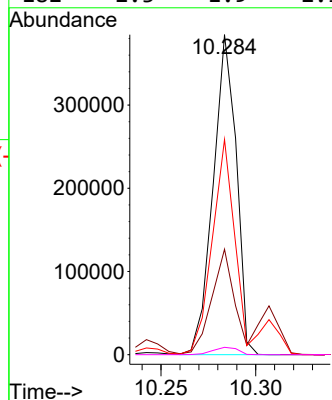
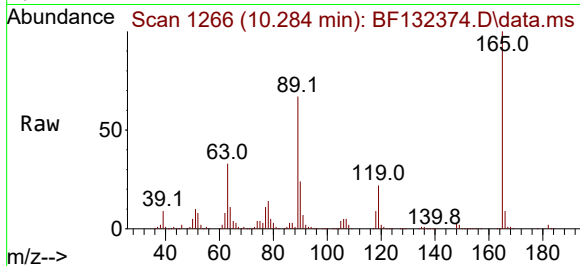




#57
2,4-Dinitrotoluene
Concen: 45.884 ng
RT: 10.284 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

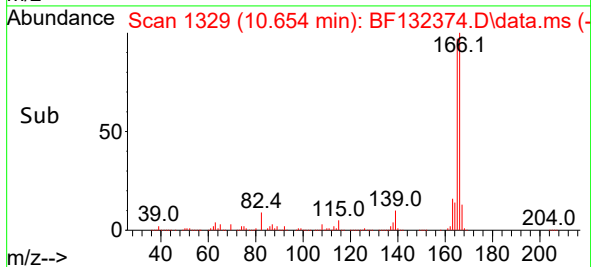
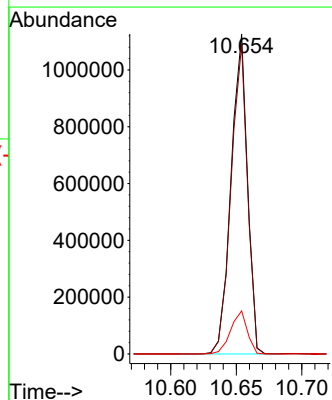
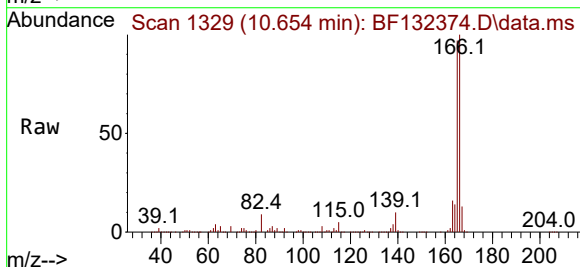
Instrument :
BNA_F
ClientSampleId :
PB150738BS

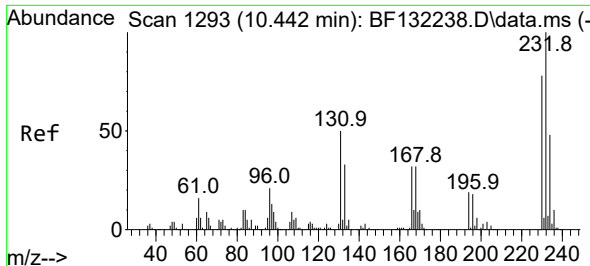
Tgt Ion:165 Resp: 327353
Ion Ratio Lower Upper
165 100
63 32.9 30.9 46.3
89 67.3 60.1 90.1
182 2.3 1.9 2.9



#58
Fluorene
Concen: 42.903 ng
RT: 10.654 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

Tgt Ion:166 Resp: 978509
Ion Ratio Lower Upper
166 100
165 96.7 78.0 117.0
167 13.4 10.8 16.2

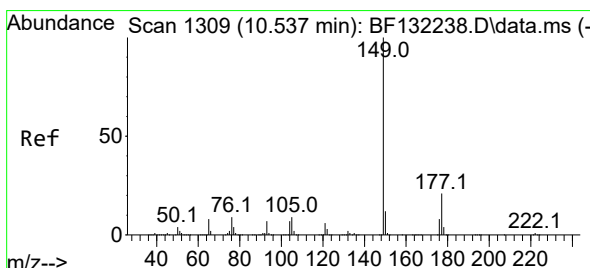
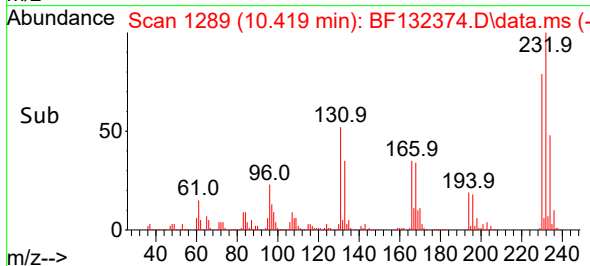
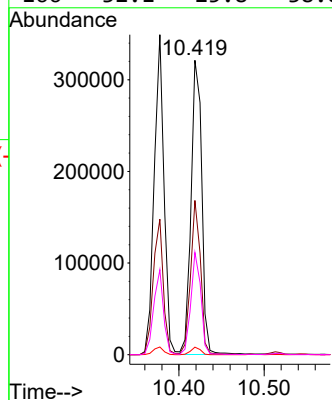
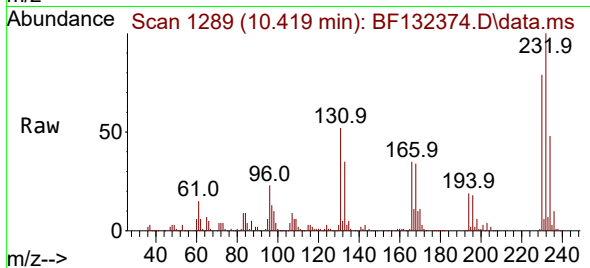




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.279 ng
RT: 10.419 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

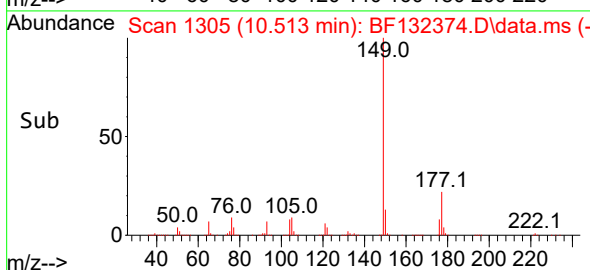
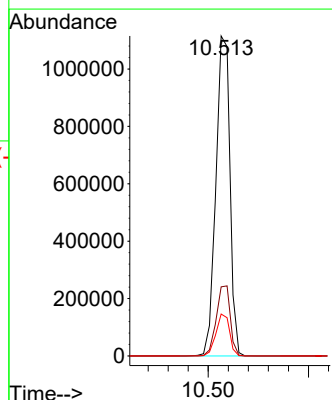
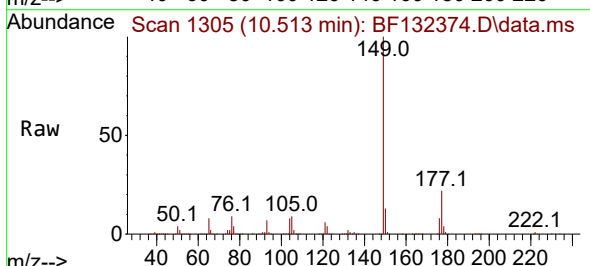
Instrument :
BNA_F
ClientSampleId :
PB150738BS

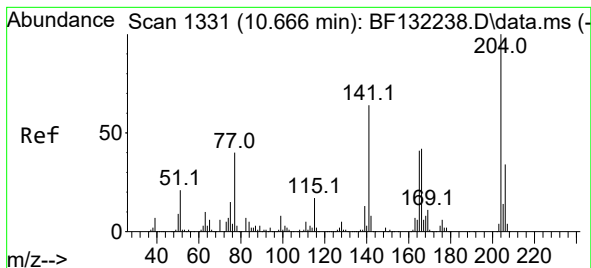
Tgt Ion:232 Resp: 280556
Ion Ratio Lower Upper
232 100
131 48.1 40.6 61.0
130 2.3 1.9 2.9
166 32.1 25.8 38.8



#60
Diethylphthalate
Concen: 44.359 ng
RT: 10.513 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

Tgt Ion:149 Resp: 1085189
Ion Ratio Lower Upper
149 100
177 21.6 17.1 25.7
150 13.1 9.9 14.9

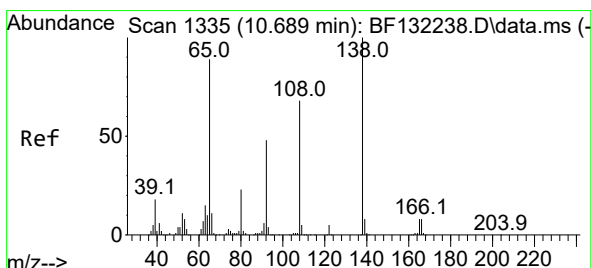
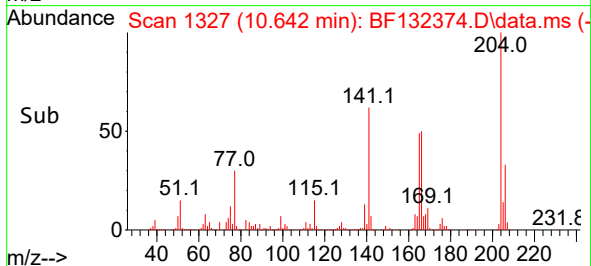
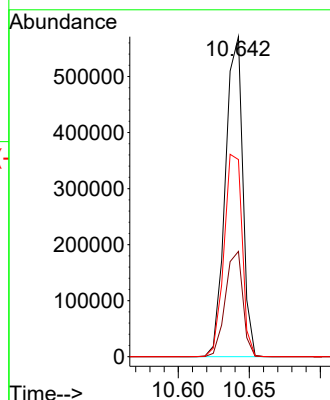
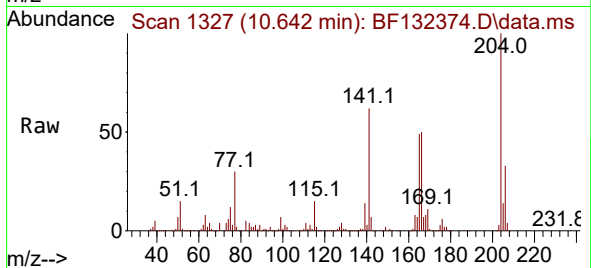




#61
4-Chlorophenyl-phenylether
Concen: 44.893 ng
RT: 10.642 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

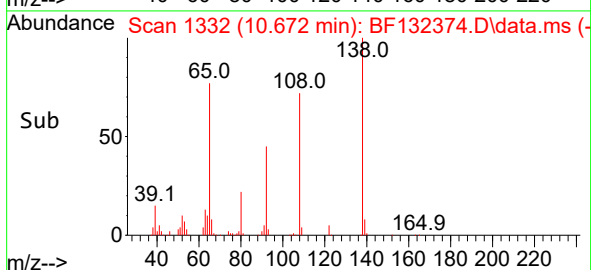
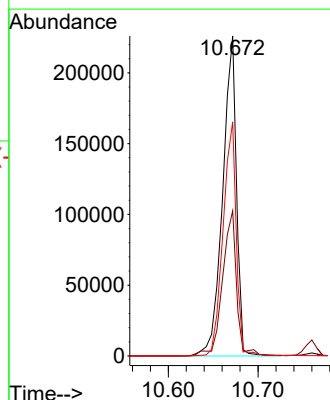
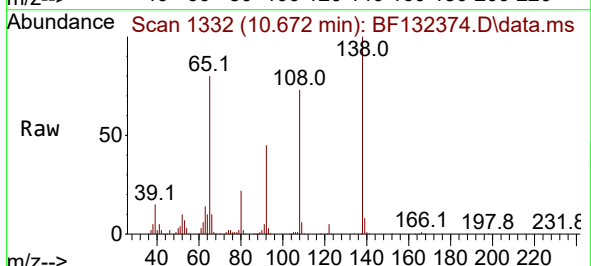
Instrument :
BNA_F
ClientSampleId :
PB150738BS

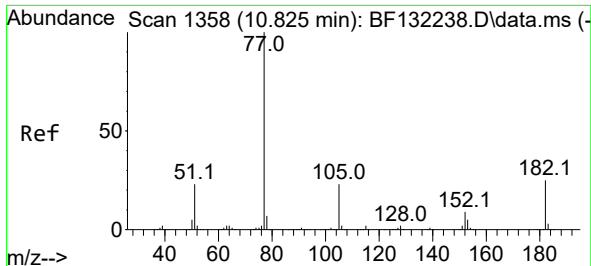
Tgt Ion:204 Resp: 485930
Ion Ratio Lower Upper
204 100
206 32.9 26.8 40.2
141 61.6 51.4 77.0



#62
4-Nitroaniline
Concen: 37.865 ng
RT: 10.672 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

Tgt Ion:138 Resp: 241841
Ion Ratio Lower Upper
138 100
92 45.4 27.7 67.7
108 73.2 48.5 88.5

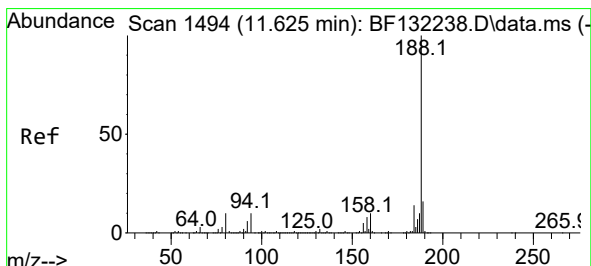
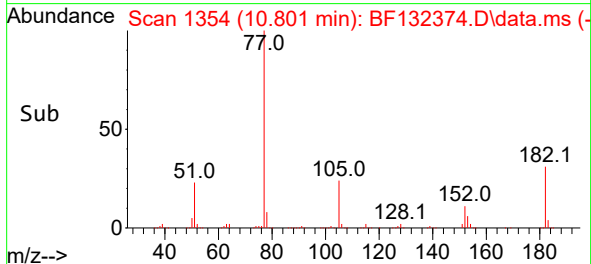
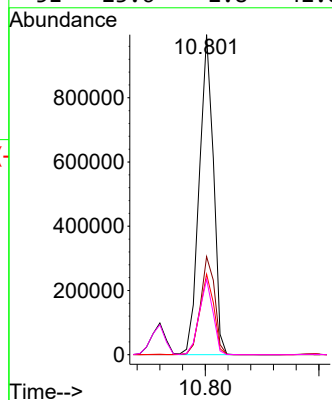
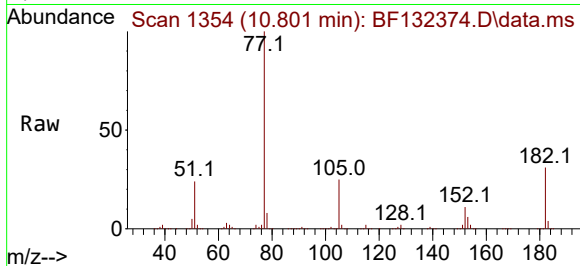




#63
Azobenzene
Concen: 36.242 ng
RT: 10.801 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

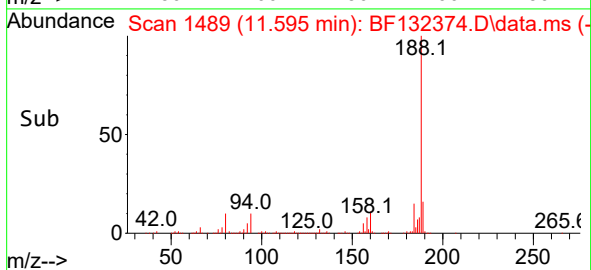
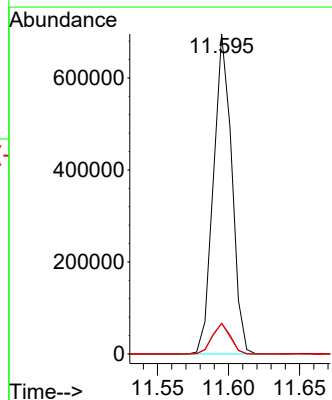
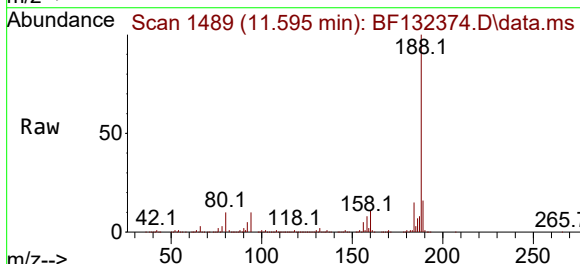
Instrument :
BNA_F
ClientSampleId :
PB150738BS

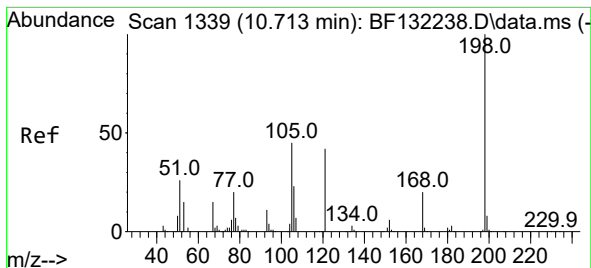
Tgt Ion: 77 Resp: 863618
Ion Ratio Lower Upper
77 100
182 30.7 4.5 44.5
105 25.1 2.7 42.7
51 23.6 2.8 42.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.595 min Scan# 1489
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

Tgt Ion: 188 Resp: 625130
Ion Ratio Lower Upper
188 100
94 9.6 8.2 12.2
80 9.6 8.3 12.5

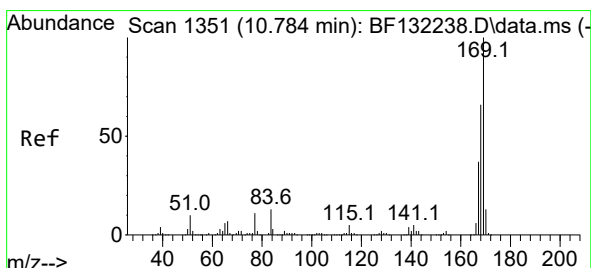
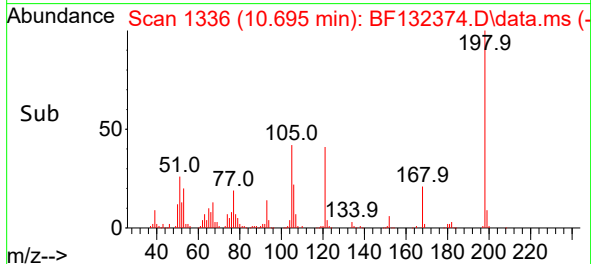
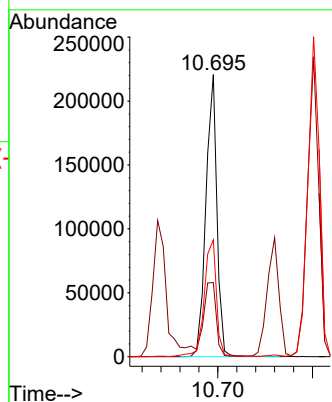
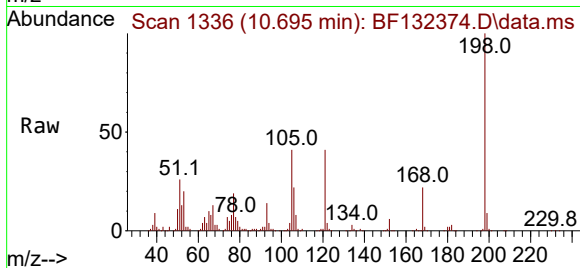




#65
4,6-Dinitro-2-methylphenol
Concen: 50.097 ng
RT: 10.695 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

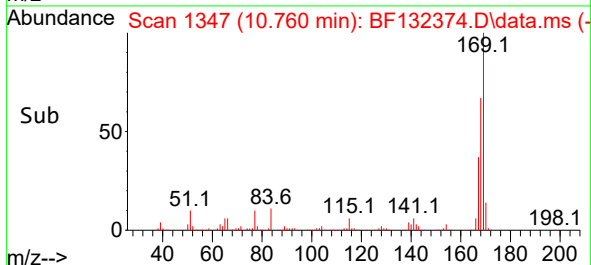
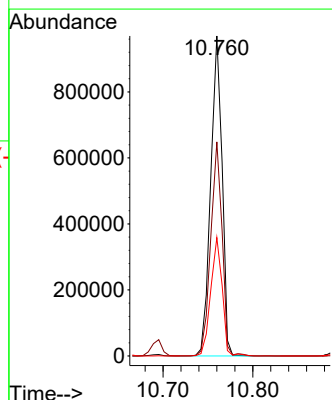
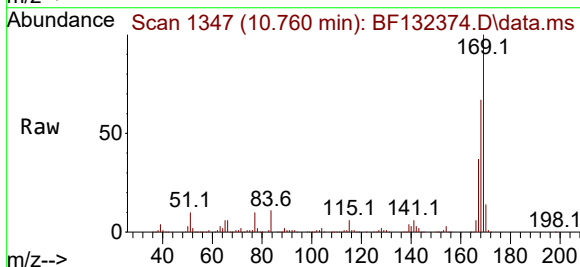
Instrument :
BNA_F
ClientSampleId :
PB150738BS

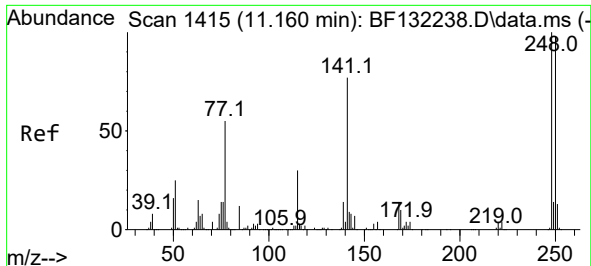
Tgt Ion:198 Resp: 177742
Ion Ratio Lower Upper
198 100
51 26.3 13.1 53.1
105 41.4 26.0 66.0



#66
n-Nitrosodiphenylamine
Concen: 43.609 ng
RT: 10.760 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

Tgt Ion:169 Resp: 853648
Ion Ratio Lower Upper
169 100
168 66.9 52.6 79.0
167 37.0 29.5 44.3

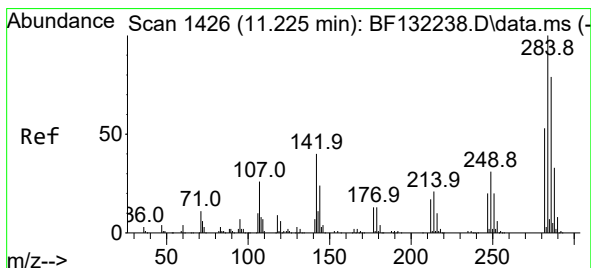
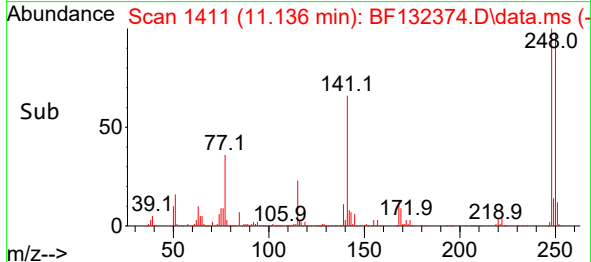
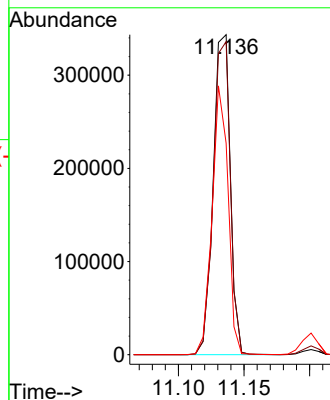
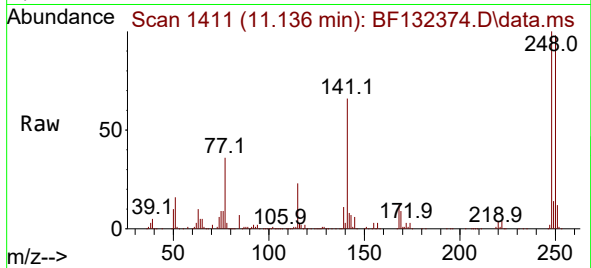




#67
4-Bromophenyl-phenylether
Concen: 48.712 ng
RT: 11.136 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

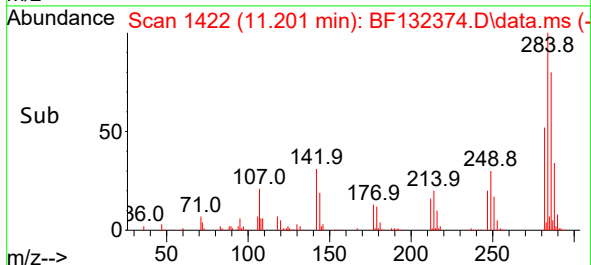
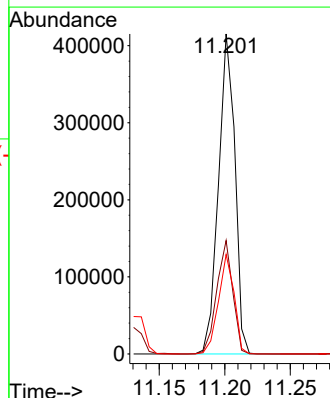
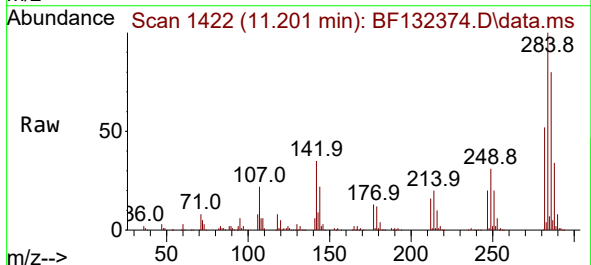
Instrument :
BNA_F
ClientSampleId :
PB150738BS

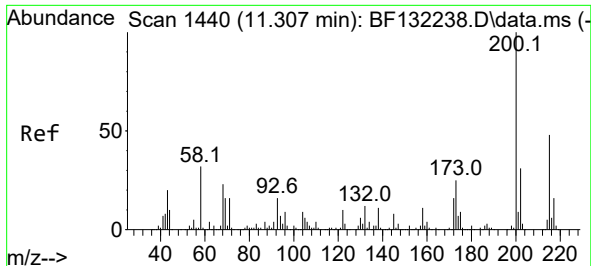
Tgt Ion:248 Resp: 311817
Ion Ratio Lower Upper
248 100
250 97.8 78.6 117.8
141 66.1 61.6 92.4



#68
Hexachlorobenzene
Concen: 52.684 ng
RT: 11.201 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

Tgt Ion:284 Resp: 360459
Ion Ratio Lower Upper
284 100
142 35.5 32.2 48.4
249 31.1 25.0 37.6

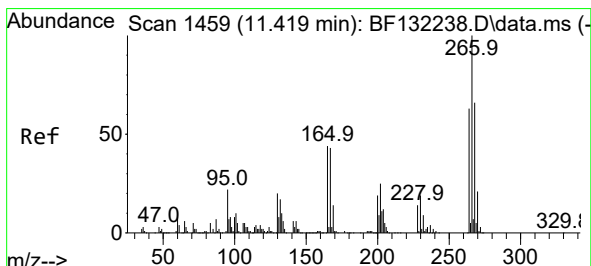
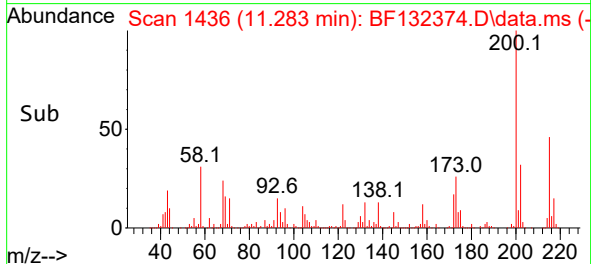
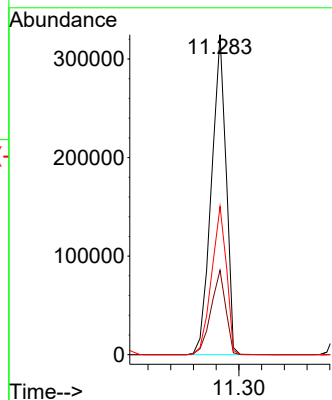
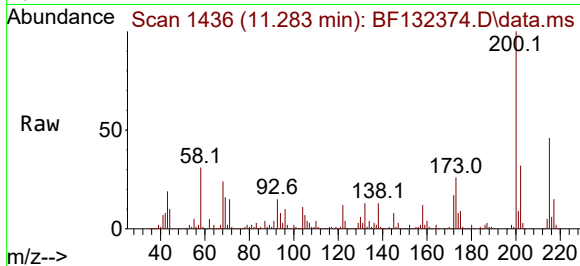




#69
 Atrazine
 Concen: 51.497 ng
 RT: 11.283 min Scan# 1440
 Delta R.T. 0.000 min
 Lab File: BF132374.D
 Acq: 09 Feb 2023 11:21

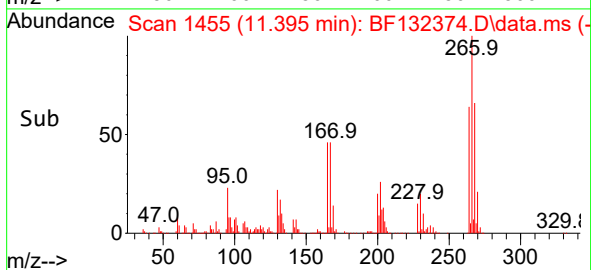
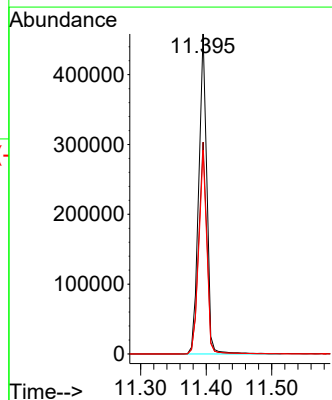
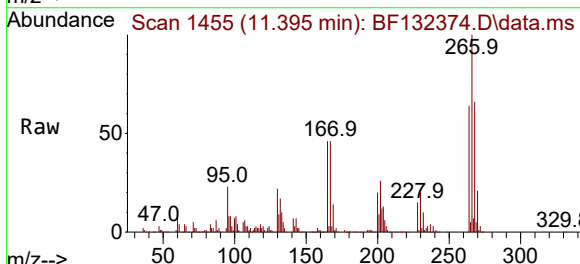
Instrument :
 BNA_F
 ClientSampleId :
 PB150738BS

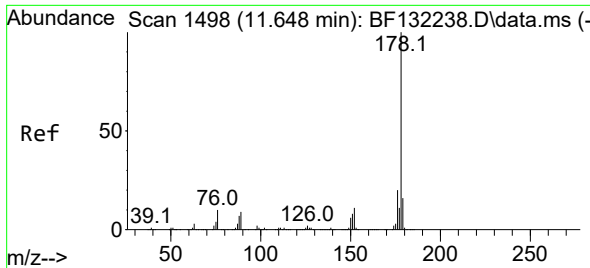
Tgt Ion:200 Resp: 289952
 Ion Ratio Lower Upper
 200 100
 173 26.4 5.1 45.1
 215 46.4 27.6 67.6



#70
 Pentachlorophenol
 Concen: 84.119 ng
 RT: 11.395 min Scan# 1455
 Delta R.T. 0.006 min
 Lab File: BF132374.D
 Acq: 09 Feb 2023 11:21

Tgt Ion:266 Resp: 395445
 Ion Ratio Lower Upper
 266 100
 268 66.2 53.0 79.4
 264 63.7 50.5 75.7

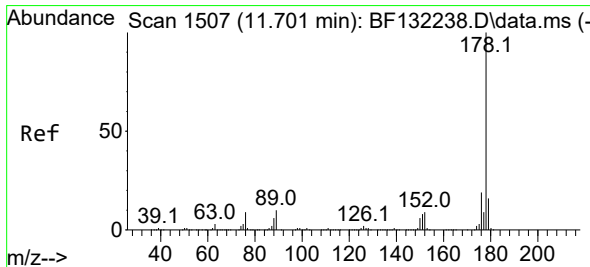
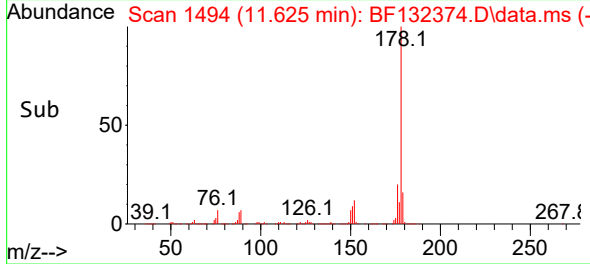
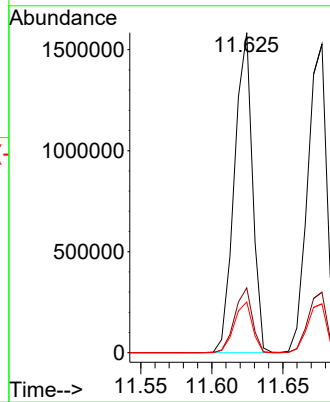
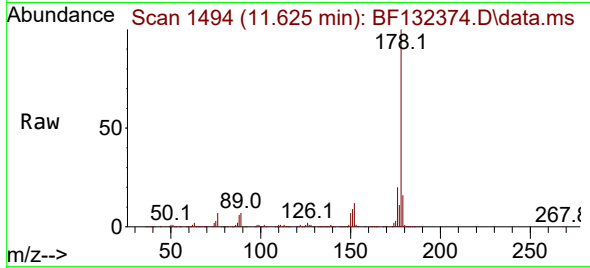




#71
Phenanthrene
Concen: 42.892 ng
RT: 11.625 min Scan# 1498
Delta R.T. 0.006 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

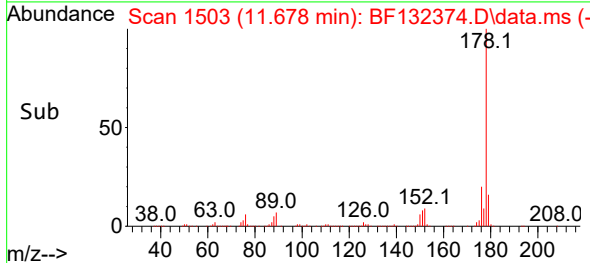
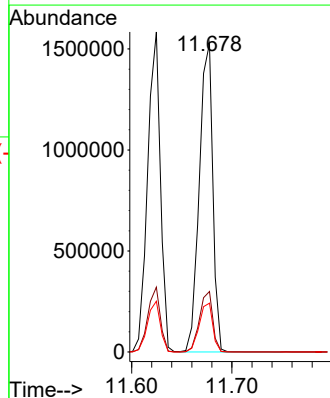
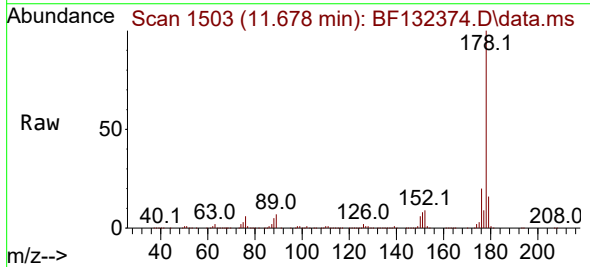
Instrument :
BNA_F
ClientSampleId :
PB150738BS

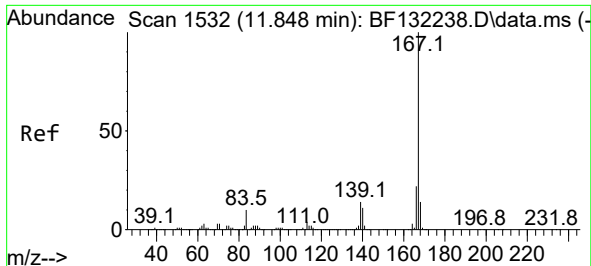
Tgt Ion:178 Resp: 1401138
Ion Ratio Lower Upper
178 100
176 20.3 16.2 24.4
179 15.9 12.8 19.2



#72
Anthracene
Concen: 43.057 ng
RT: 11.678 min Scan# 1503
Delta R.T. 0.006 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

Tgt Ion:178 Resp: 1431391
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.2
179 15.8 12.8 19.2

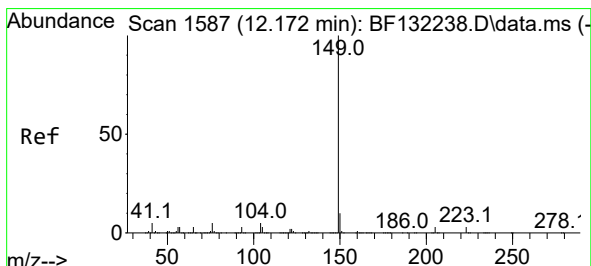
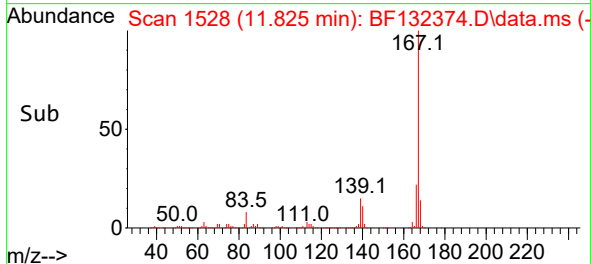
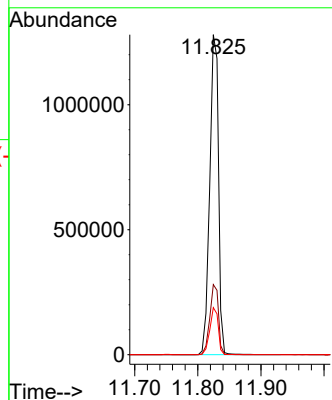
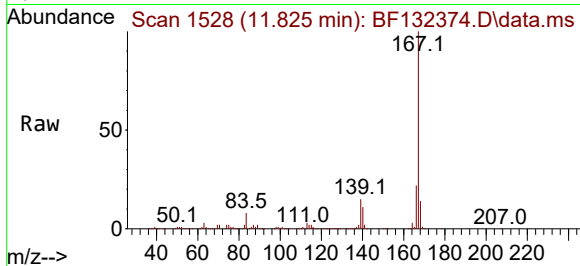




#73
 Carbazole
 Concen: 41.599 ng
 RT: 11.825 min Scan# 1528
 Delta R.T. 0.000 min
 Lab File: BF132374.D
 Acq: 09 Feb 2023 11:21

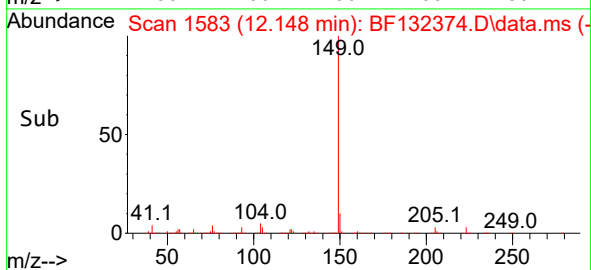
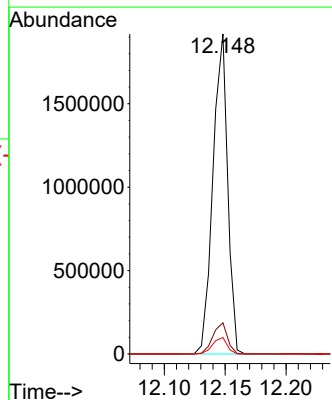
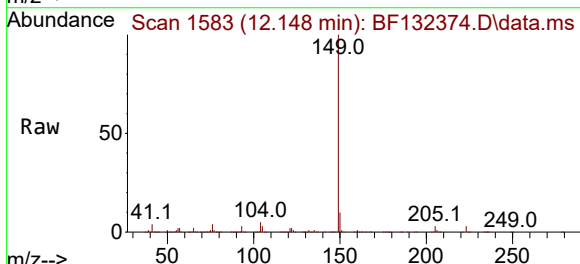
Instrument :
 BNA_F
 ClientSampleId :
 PB150738BS

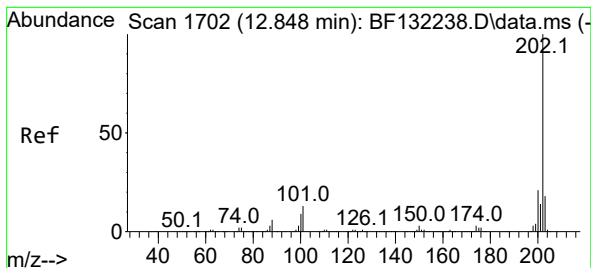
Tgt Ion:167 Resp: 1240012
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.0
 139 14.7 11.4 17.2



#74
 Di-n-butylphthalate
 Concen: 45.625 ng
 RT: 12.148 min Scan# 1583
 Delta R.T. 0.000 min
 Lab File: BF132374.D
 Acq: 09 Feb 2023 11:21

Tgt Ion:149 Resp: 1607843
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.8 11.8
 104 5.1 4.3 6.5





#75

Fluoranthene

Concen: 41.086 ng

RT: 12.819 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132374.D

Acq: 09 Feb 2023 11:21

Instrument :

BNA_F

ClientSampleId :

PB150738BS

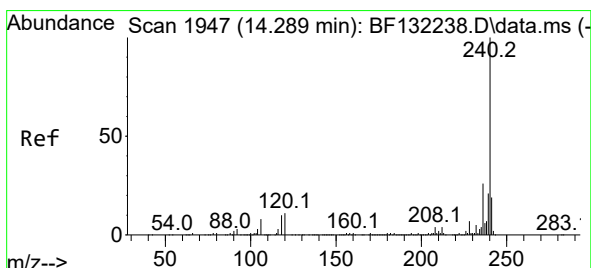
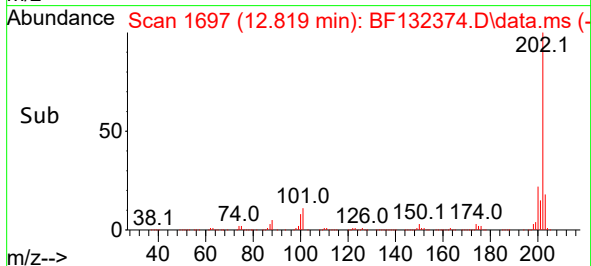
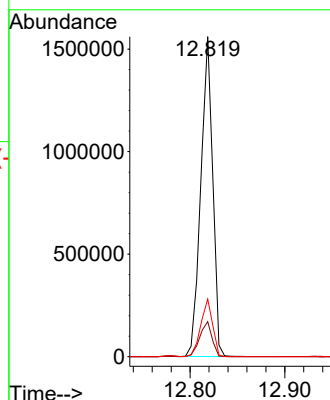
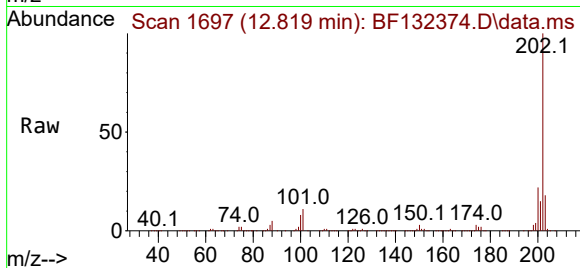
Tgt Ion:202 Resp: 1369633

Ion Ratio Lower Upper

202 100

101 11.0 0.0 32.7

203 18.0 0.0 37.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.254 min Scan# 1941

Delta R.T. 0.000 min

Lab File: BF132374.D

Acq: 09 Feb 2023 11:21

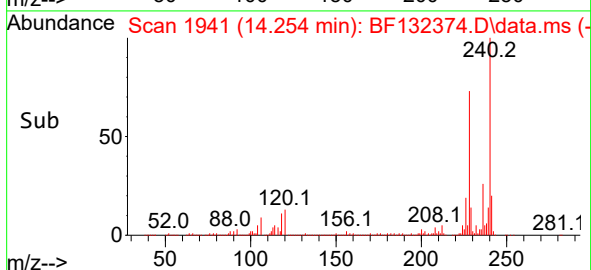
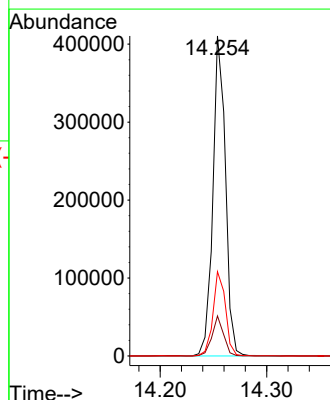
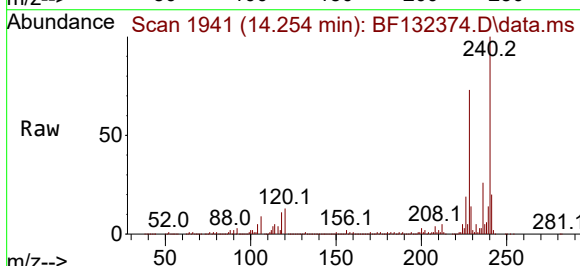
Tgt Ion:240 Resp: 337993

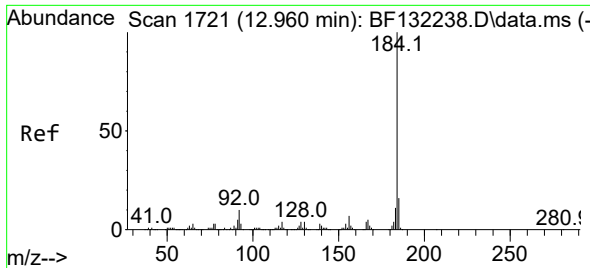
Ion Ratio Lower Upper

240 100

120 12.5 8.8 13.2

236 26.3 21.0 31.6

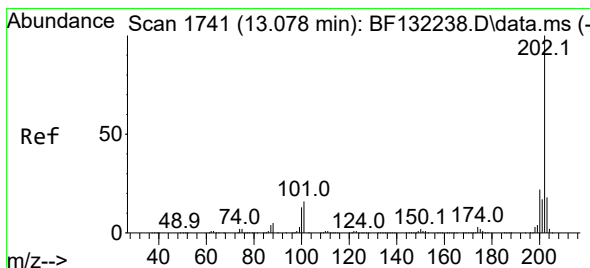
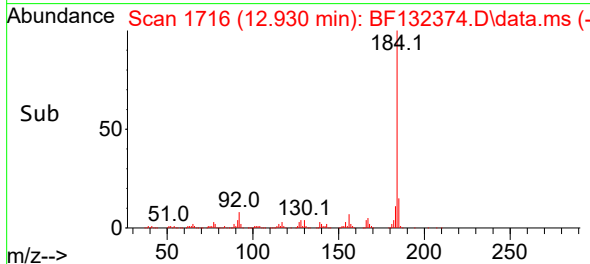
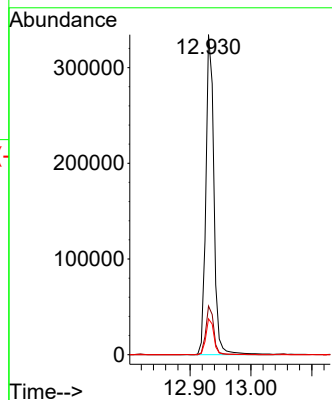
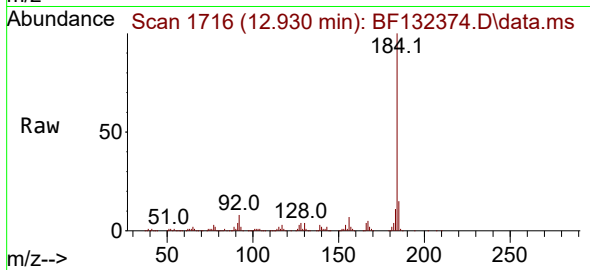




#77
Benzidine
Concen: 25.917 ng
RT: 12.930 min Scan# 1716
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

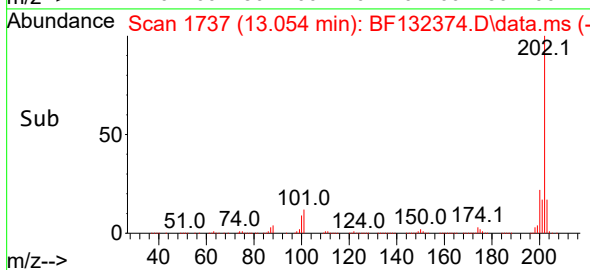
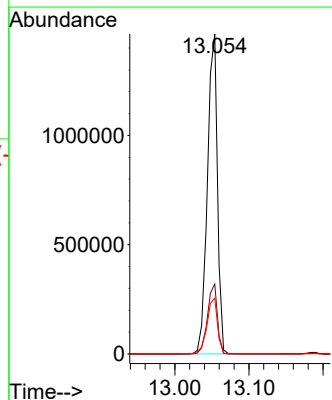
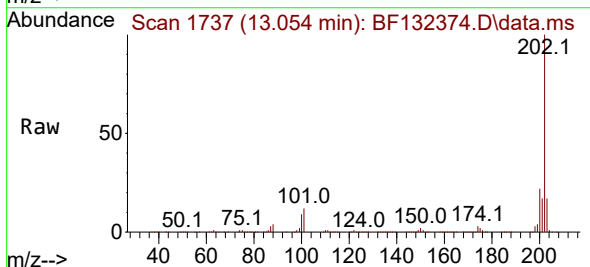
Instrument :
BNA_F
ClientSampleId :
PB150738BS

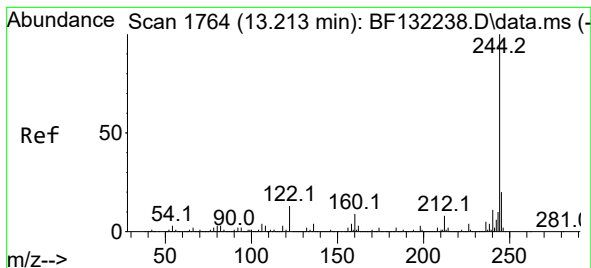
Tgt Ion:184 Resp: 306251
Ion Ratio Lower Upper
184 100
185 15.2 12.6 18.8
183 11.2 8.9 13.3



#78
Pyrene
Concen: 50.737 ng
RT: 13.054 min Scan# 1737
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

Tgt Ion:202 Resp: 1379298
Ion Ratio Lower Upper
202 100
200 21.9 17.3 25.9
203 17.5 14.4 21.6





#79

Terphenyl-d14

Concen: 113.621 ng

RT: 13.189 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132374.D

Acq: 09 Feb 2023 11:21

Instrument :

BNA_F

ClientSampleId :

PB150738BS

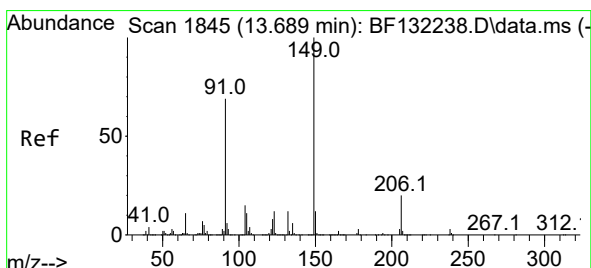
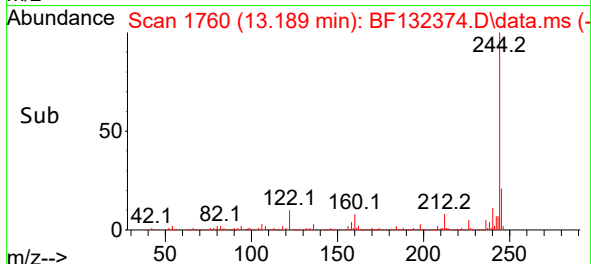
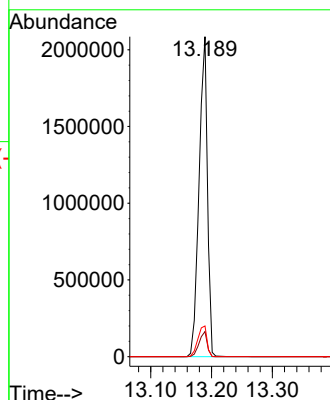
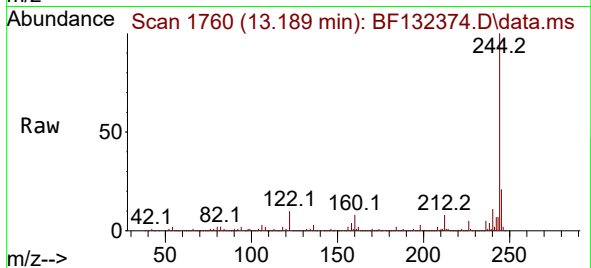
Tgt Ion:244 Resp: 1985266

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

122 9.6 10.5 15.7#



#80

Butylbenzylphthalate

Concen: 50.825 ng

RT: 13.660 min Scan# 1840

Delta R.T. 0.000 min

Lab File: BF132374.D

Acq: 09 Feb 2023 11:21

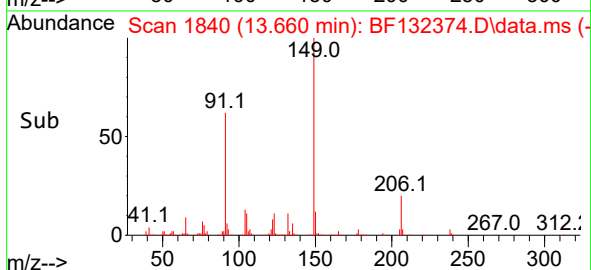
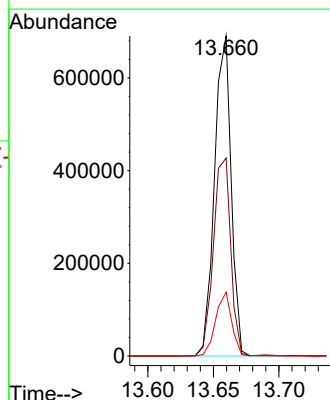
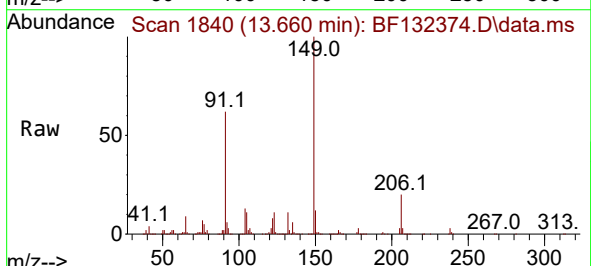
Tgt Ion:149 Resp: 610439

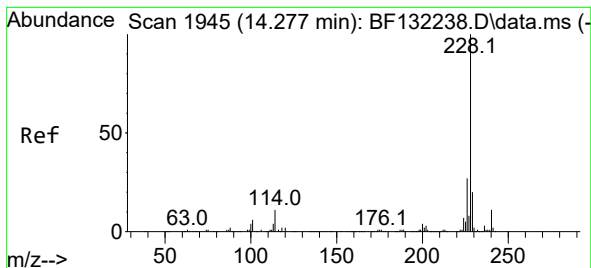
Ion Ratio Lower Upper

149 100

91 61.8 55.0 82.6

206 20.0 15.9 23.9





#81

Benzo(a)anthracene

Concen: 44.668 ng

RT: 14.242 min Scan# 1939

Delta R.T. 0.000 min

Lab File: BF132374.D

Acq: 09 Feb 2023 11:21

Instrument :

BNA_F

ClientSampleId :

PB150738BS

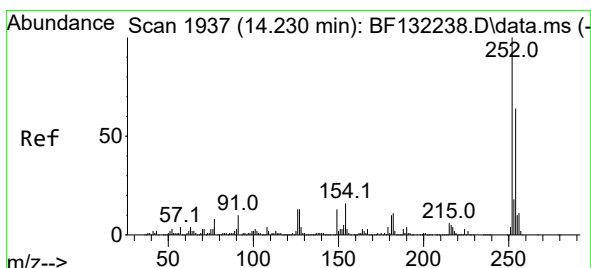
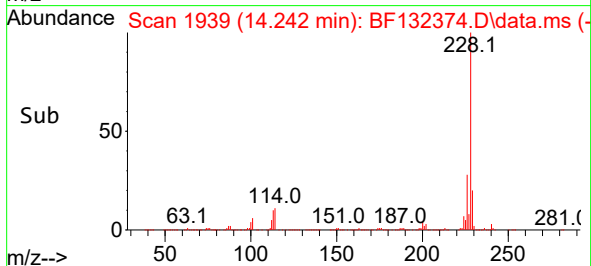
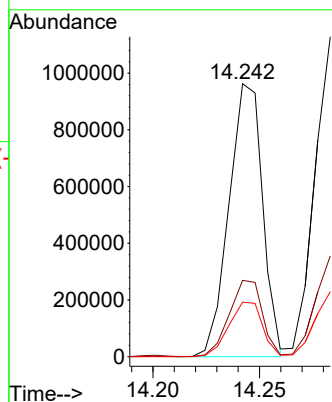
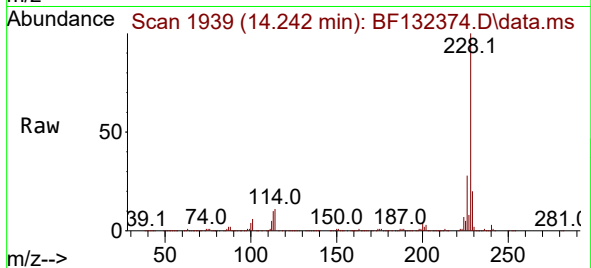
Tgt Ion:228 Resp: 1055951

Ion Ratio Lower Upper

228 100

226 27.9 22.0 33.0

229 20.0 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 30.998 ng

RT: 14.201 min Scan# 1932

Delta R.T. 0.000 min

Lab File: BF132374.D

Acq: 09 Feb 2023 11:21

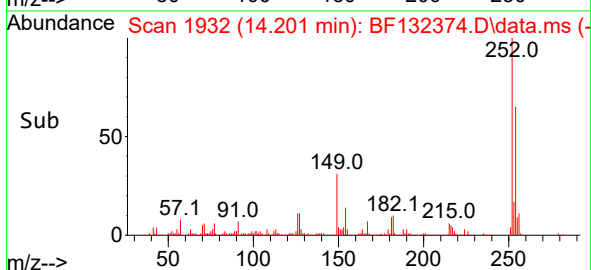
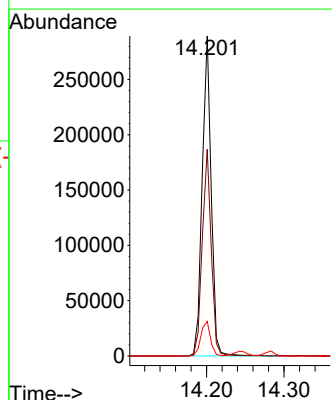
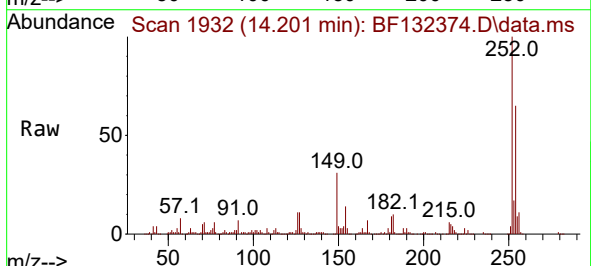
Tgt Ion:252 Resp: 233395

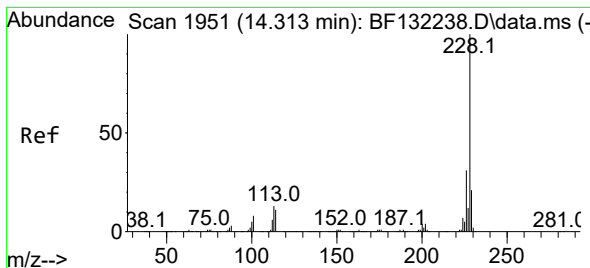
Ion Ratio Lower Upper

252 100

254 64.5 51.6 77.4

126 10.8 10.5 15.7





#83

Chrysene

Concen: 44.440 ng

RT: 14.283 min Scan# 1946

Delta R.T. 0.000 min

Lab File: BF132374.D

Acq: 09 Feb 2023 11:21

Instrument :

BNA_F

ClientSampleId :

PB150738BS

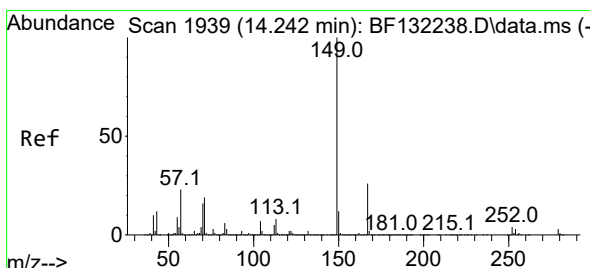
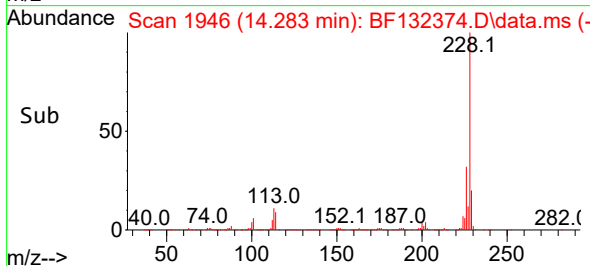
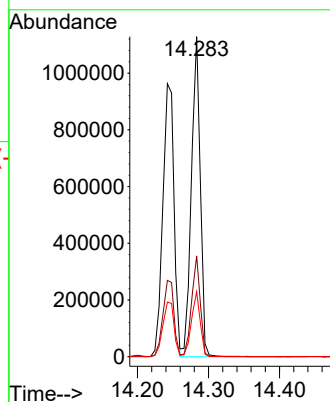
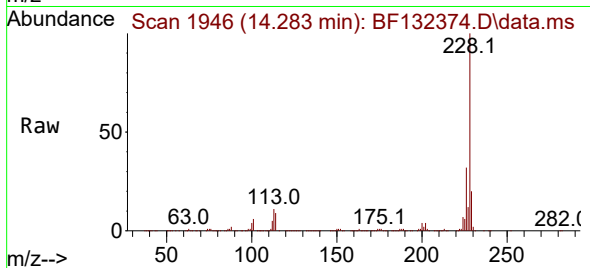
Tgt Ion:228 Resp: 983720

Ion Ratio Lower Upper

228 100

226 31.5 24.9 37.3

229 20.3 16.4 24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.017 ng

RT: 14.213 min Scan# 1934

Delta R.T. 0.000 min

Lab File: BF132374.D

Acq: 09 Feb 2023 11:21

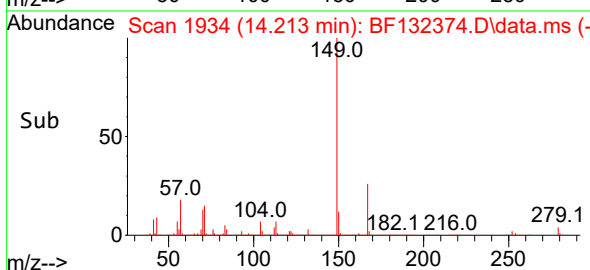
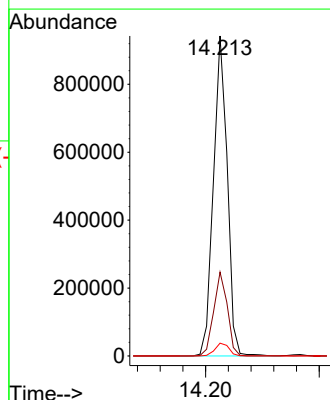
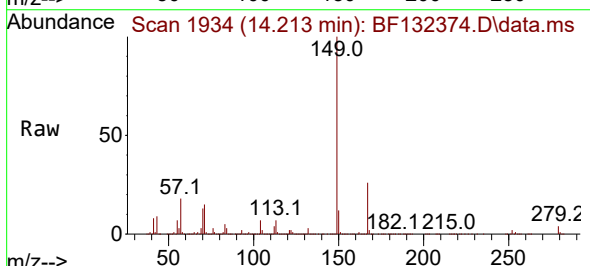
Tgt Ion:149 Resp: 795763

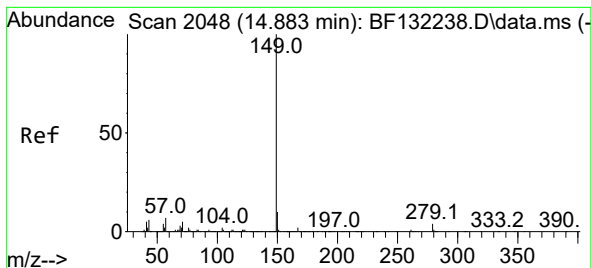
Ion Ratio Lower Upper

149 100

167 26.2 20.7 31.1

279 4.0 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 44.808 ng

RT: 14.842 min Scan# 2041

Delta R.T. 0.000 min

Lab File: BF132374.D

Acq: 09 Feb 2023 11:21

Instrument :

BNA_F

ClientSampleId :

PB150738BS

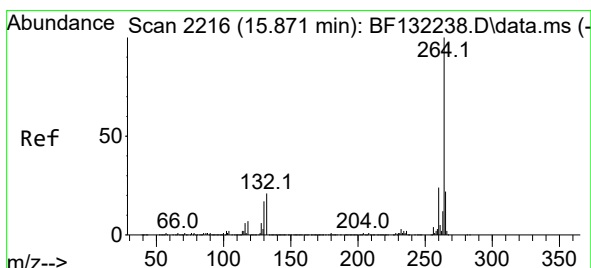
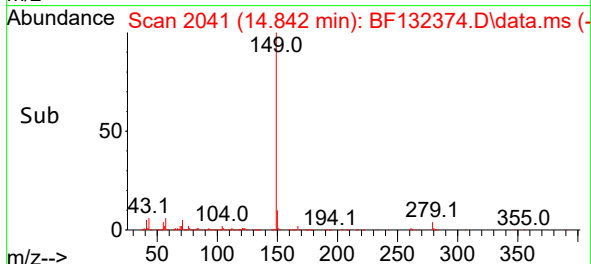
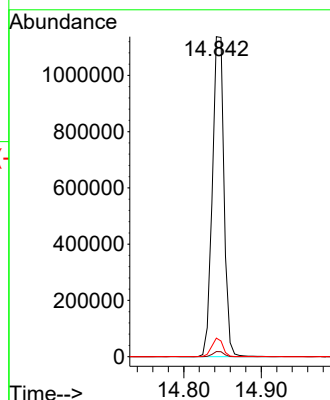
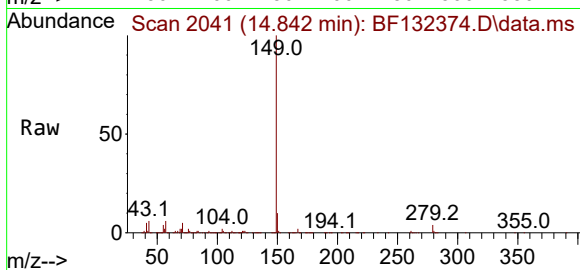
Tgt Ion:149 Resp: 1186482

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 5.5 5.9 8.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.824 min Scan# 2208

Delta R.T. 0.000 min

Lab File: BF132374.D

Acq: 09 Feb 2023 11:21

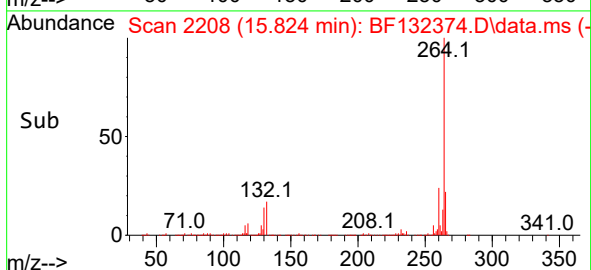
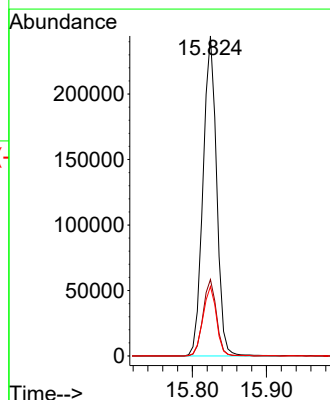
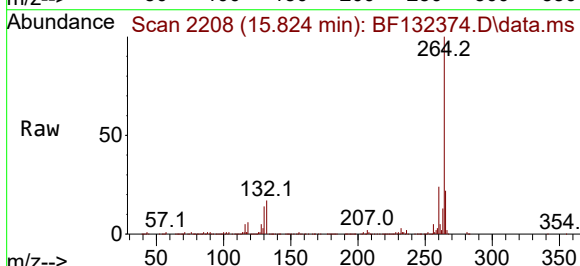
Tgt Ion:264 Resp: 311271

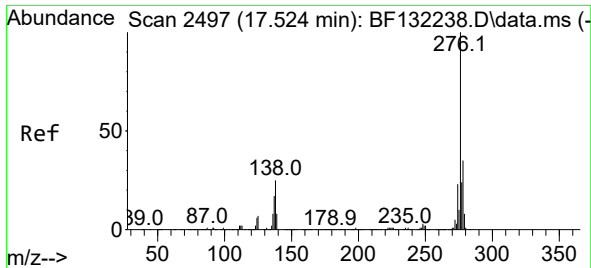
Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.4

265 21.7 17.4 26.2

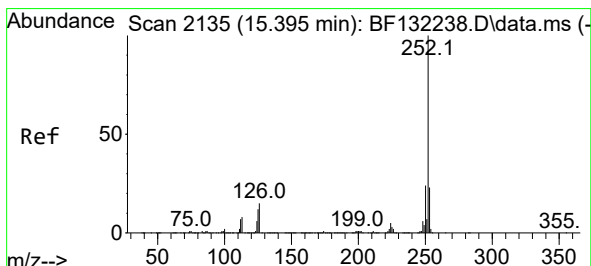
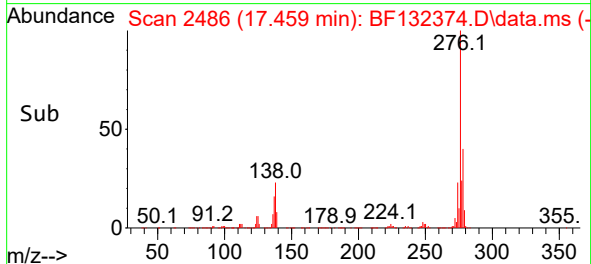
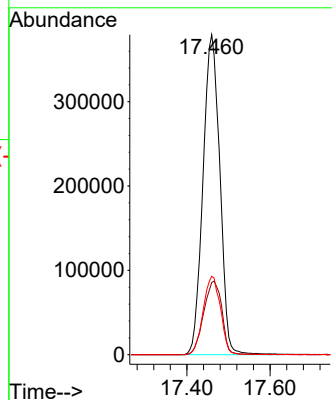
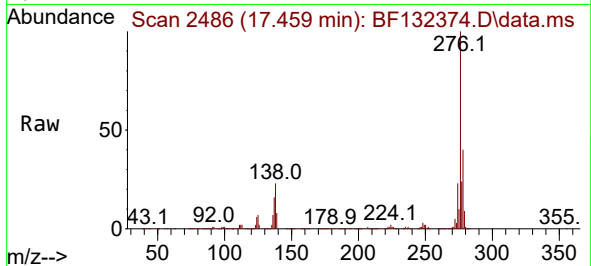




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 51.638 ng
 RT: 17.459 min Scan# 2497
 Delta R.T. 0.006 min
 Lab File: BF132374.D
 Acq: 09 Feb 2023 11:21

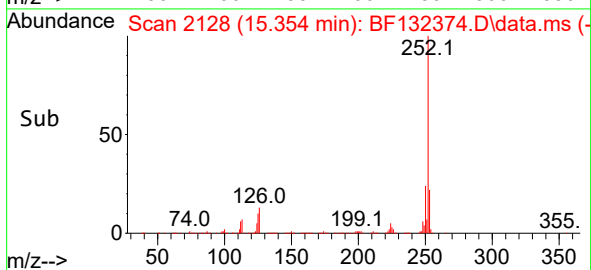
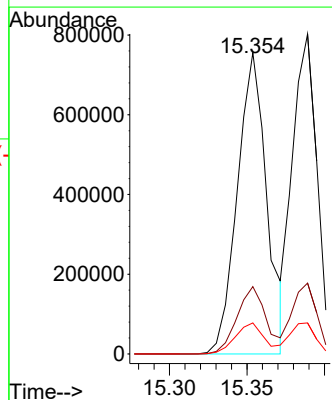
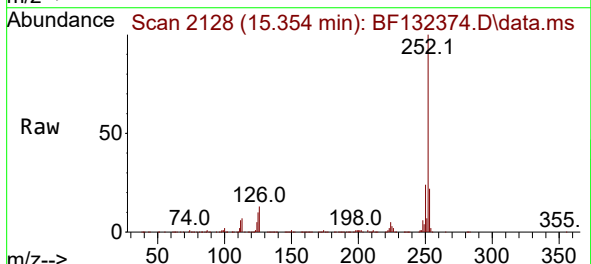
Instrument :
 BNA_F
 ClientSampleId :
 PB150738BS

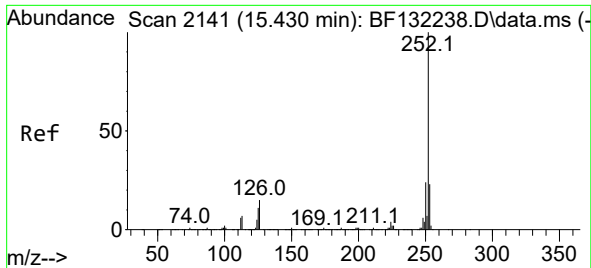
Tgt Ion:276 Resp: 1068021
 Ion Ratio Lower Upper
 276 100
 138 24.8 23.3 34.9
 277 25.2 20.0 30.0



#88
 Benzo(b)fluoranthene
 Concen: 50.400 ng
 RT: 15.354 min Scan# 2128
 Delta R.T. 0.000 min
 Lab File: BF132374.D
 Acq: 09 Feb 2023 11:21

Tgt Ion:252 Resp: 997206
 Ion Ratio Lower Upper
 252 100
 253 22.4 18.1 27.1
 125 10.3 9.6 14.4

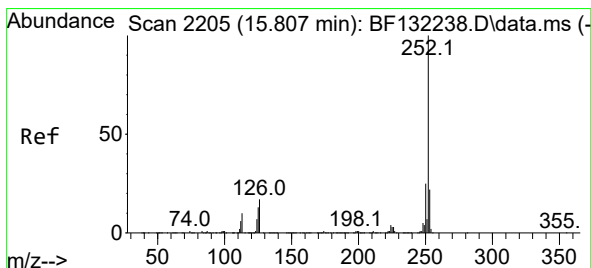
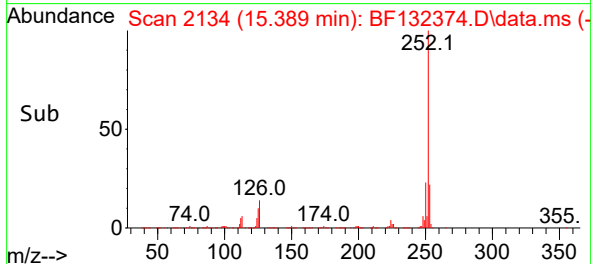
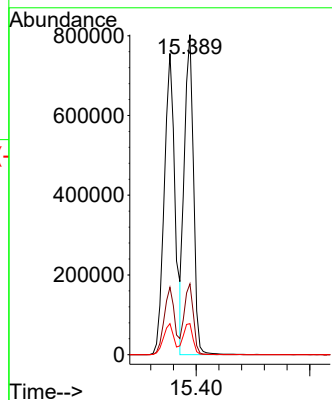
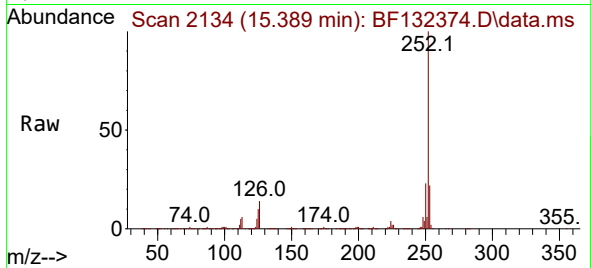




#89
Benzo(k)fluoranthene
Concen: 47.209 ng
RT: 15.389 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

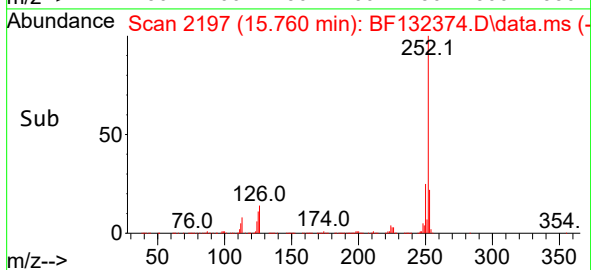
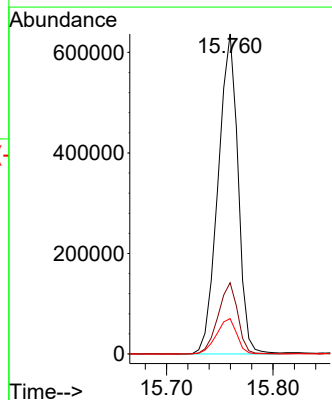
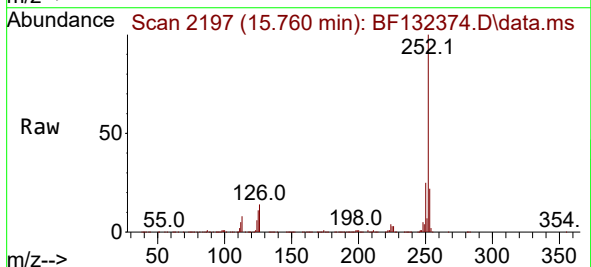
Instrument :
BNA_F
ClientSampleId :
PB150738BS

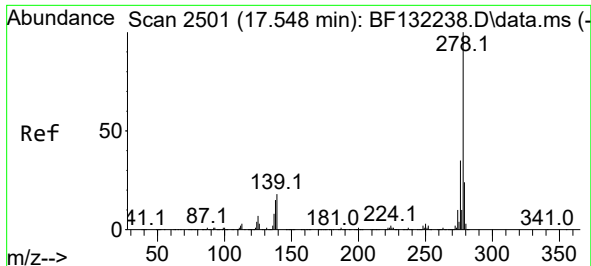
Tgt Ion:252 Resp: 891598
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.2
125 9.7 9.0 13.6



#90
Benzo(a)pyrene
Concen: 44.799 ng
RT: 15.760 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

Tgt Ion:252 Resp: 825394
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 11.1 10.2 15.4

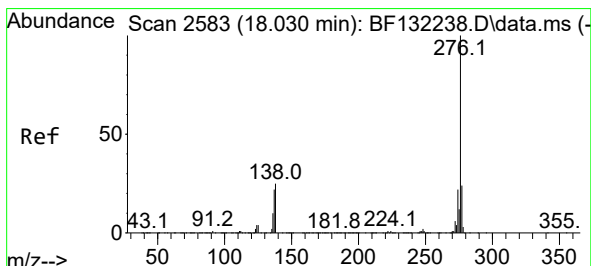
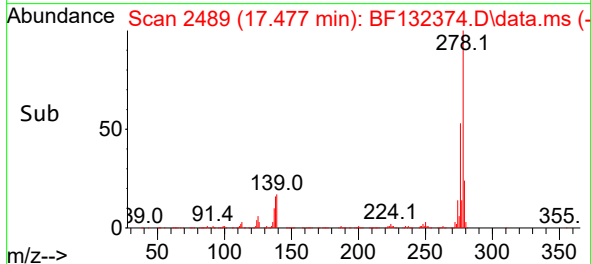
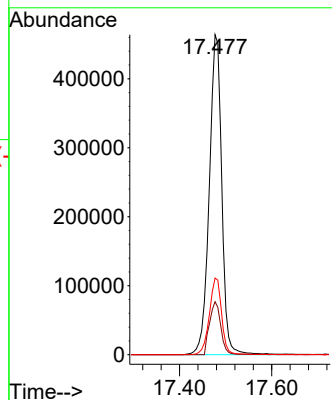
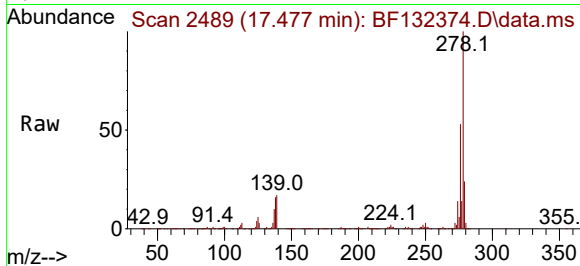




#91
Dibenzo(a,h)anthracene
Concen: 52.790 ng
RT: 17.477 min Scan# 24
Delta R.T. 0.006 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

Instrument :
BNA_F
ClientSampleId :
PB150738BS

Tgt Ion:278 Resp: 877837
Ion Ratio Lower Upper
278 100
139 16.6 14.2 21.2
279 24.0 19.6 29.4



#92
Benzo(g,h,i)perylene
Concen: 51.766 ng
RT: 17.959 min Scan# 2571
Delta R.T. 0.006 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

Tgt Ion:276 Resp: 889300
Ion Ratio Lower Upper
276 100
277 23.9 19.4 29.2
138 21.9 20.3 30.5

