

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052623\
 Data File : BF133502.D
 Acq On : 26 May 2023 16:50
 Operator : CG\JU
 Sample : PB153075BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153075BS

Quant Time: May 27 01:08:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 23:30:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	130584	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	494973	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	237631	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	467174	20.000	ng	0.00
76) Chrysene-d12	14.009	240	299951	20.000	ng	0.00
86) Perylene-d12	15.462	264	262990	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	715156	91.375	ng	0.01
7) Phenol-d6	6.463	99	851232	88.351	ng	0.00
23) Nitrobenzene-d5	7.404	82	776409	104.732	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	226553	95.643	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1351858	87.805	ng	0.00
79) Terphenyl-d14	12.957	244	1587532	94.102	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	144862	40.982	ng	99
3) Pyridine	3.398	79	378988	38.239	ng	98
4) n-Nitrosodimethylamine	3.363	42	255057	47.188	ng	100
6) Aniline	6.498	93	423417	32.367	ng	100
8) 2-Chlorophenol	6.622	128	397726	51.573	ng	95
9) Benzaldehyde	6.386	77	260830	58.068	ng	97
10) Phenol	6.481	94	507733	52.532	ng	98
11) bis(2-Chloroethyl)ether	6.575	93	381753	47.772	ng	99
12) 1,3-Dichlorobenzene	6.781	146	415683	48.552	ng	98
13) 1,4-Dichlorobenzene	6.857	146	425838	49.611	ng	99
14) 1,2-Dichlorobenzene	7.010	146	405802	51.232	ng	98
15) Benzyl Alcohol	6.981	79	356692	48.764	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	713629	47.085	ng	99
17) 2-Methylphenol	7.086	107	330146	45.206	ng	99
18) Hexachloroethane	7.351	117	152516	51.386	ng	95
19) n-Nitroso-di-n-propyla...	7.257	70	279558	44.846	ng	99
20) 3+4-Methylphenols	7.245	107	388100	47.005	ng	# 88
22) Acetophenone	7.251	105	529378	46.442	ng	# 96
24) Nitrobenzene	7.428	77	414404	52.463	ng	96
25) Isophorone	7.663	82	779370	45.110	ng	99
26) 2-Nitrophenol	7.739	139	179134	49.344	ng	99
27) 2,4-Dimethylphenol	7.775	122	334458	45.497	ng	98
28) bis(2-Chloroethoxy)met...	7.875	93	444133	44.331	ng	98
29) 2,4-Dichlorophenol	7.980	162	313689	47.430	ng	95
30) 1,2,4-Trichlorobenzene	8.063	180	335401	46.885	ng	99
31) Naphthalene	8.145	128	1096741	45.703	ng	99
32) Benzoic acid	7.892	122	237043	48.807	ng	96
33) 4-Chloroaniline	8.192	127	119557	11.624	ng	94
34) Hexachlorobutadiene	8.263	225	202553	46.548	ng	100
35) Caprolactam	8.569	113	79639	36.716	ng	98
36) 4-Chloro-3-methylphenol	8.669	107	351146	47.397	ng	98
37) 2-Methylnaphthalene	8.839	142	711387	43.419	ng	98
38) 1-Methylnaphthalene	8.933	142	666445	43.636	ng	100
40) 1,2,4,5-Tetrachloroben...	9.004	216	313218	44.472	ng	99
41) Hexachlorocyclopentadiene	8.992	237	393223	108.948	ng	100
43) 2,4,6-Trichlorophenol	9.110	196	218414	48.464	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052623\
 Data File : BF133502.D
 Acq On : 26 May 2023 16:50
 Operator : CG\JU
 Sample : PB153075BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153075BS

Quant Time: May 27 01:08:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 23:30:55 2023
 Response via : Initial Calibration

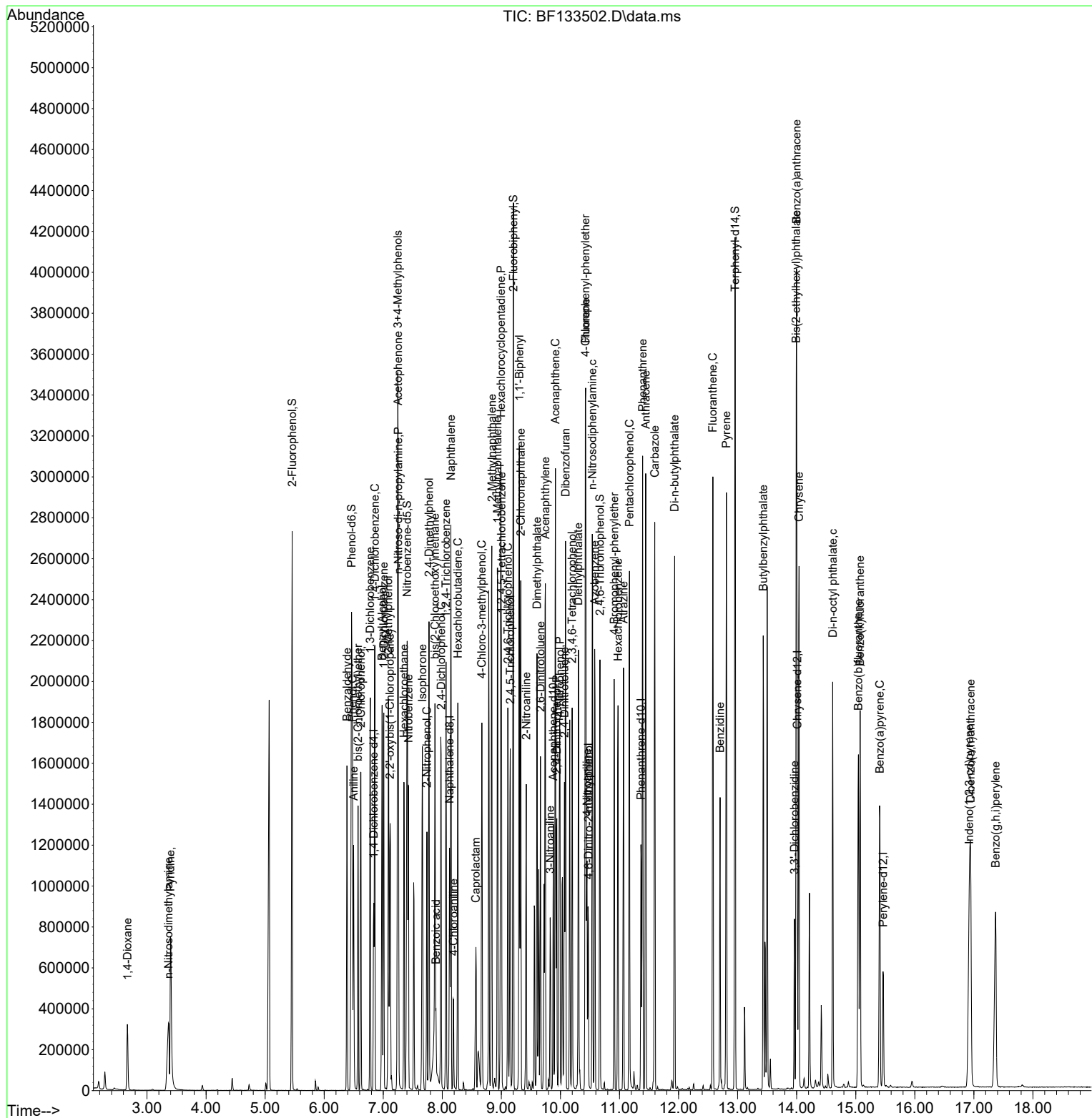
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	237570	45.416	ng	96
46) 1,1'-Biphenyl	9.304	154	882457	45.708	ng	99
47) 2-Chloronaphthalene	9.327	162	648300	46.333	ng	98
48) 2-Nitroaniline	9.422	65	216816	48.242	ng	97
49) Acenaphthylene	9.745	152	1091958	45.731	ng	100
50) Dimethylphthalate	9.604	163	759424	45.470	ng	100
51) 2,6-Dinitrotoluene	9.663	165	156654	49.230	ng	98
52) Acenaphthene	9.916	154	716582	49.542	ng	99
53) 3-Nitroaniline	9.827	138	105098	27.831	ng	97
54) 2,4-Dinitrophenol	9.939	184	156010	91.303	ng	93
55) Dibenzofuran	10.086	168	970413	45.095	ng	99
56) 4-Nitrophenol	9.992	139	316906	110.905	ng	93
57) 2,4-Dinitrotoluene	10.069	165	203719	51.324	ng	90
58) Fluorene	10.427	166	708676	44.949	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.198	232	199811	50.719	ng	99
60) Diethylphthalate	10.304	149	781249	45.060	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	327622	43.277	ng	99
62) 4-Nitroaniline	10.451	138	192456	47.977	ng	98
63) Azobenzene	10.580	77	770389	44.390	ng	95
65) 4,6-Dinitro-2-methylph...	10.474	198	101505	52.200	ng #	74
66) n-Nitrosodiphenylamine	10.539	169	663225	43.728	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	219065	44.154	ng	97
68) Hexachlorobenzene	10.974	284	241173	46.484	ng	99
69) Atrazine	11.069	200	220262	52.929	ng	99
70) Pentachlorophenol	11.169	266	275701	88.871	ng	99
71) Phenanthrene	11.392	178	1071304	45.275	ng	99
72) Anthracene	11.445	178	1096194	45.013	ng	100
73) Carbazole	11.598	167	1071595	46.529	ng	100
74) Di-n-butylphthalate	11.933	149	1220883	44.831	ng	100
75) Fluoranthene	12.580	202	1199631	45.899	ng	99
77) Benzidine	12.704	184	490121	55.868	ng	99
78) Pyrene	12.810	202	1231452	48.246	ng	100
80) Butylbenzylphthalate	13.433	149	500607	49.570	ng	99
81) Benzo(a)anthracene	13.998	228	906418	45.362	ng	99
82) 3,3'-Dichlorobenzidine	13.962	252	157253	25.175	ng	98
83) Chrysene	14.039	228	906478	44.938	ng	99
84) Bis(2-ethylhexyl)phtha...	13.992	149	555827	44.031	ng #	97
85) Di-n-octyl phthalate	14.609	149	894864	42.555	ng	98
87) Indeno(1,2,3-cd)pyrene	16.921	276	861213	51.409	ng	99
88) Benzo(b)fluoranthene	15.045	252	806924	47.119	ng	99
89) Benzo(k)fluoranthene	15.074	252	772321	46.251	ng	99
90) Benzo(a)pyrene	15.409	252	685600	43.997	ng	99
91) Dibenzo(a,h)anthracene	16.945	278	697765	51.374	ng	99
92) Benzo(g,h,i)perylene	17.368	276	724793	52.923	ng	98

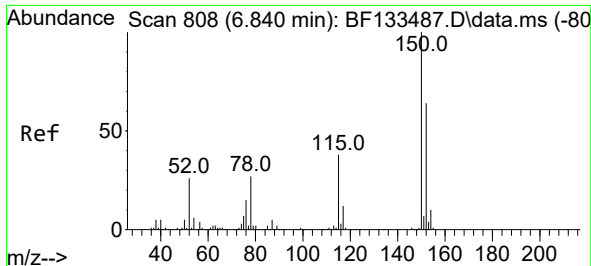
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052623\
 Data File : BF133502.D
 Acq On : 26 May 2023 16:50
 Operator : CG\JU
 Sample : PB153075BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153075BS

Quant Time: May 27 01:08:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 23:30:55 2023
 Response via : Initial Calibration

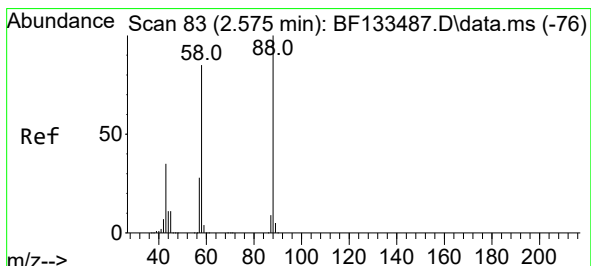
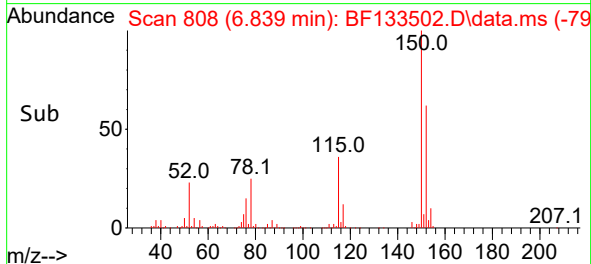
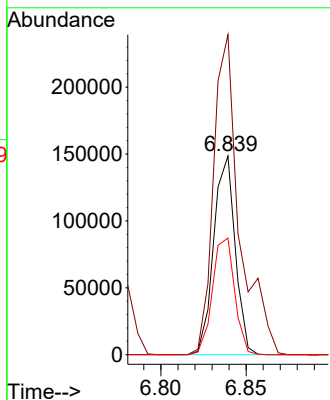
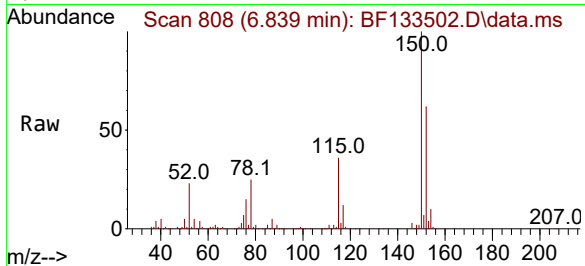




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.839 min Scan# 80
 Delta R.T. -0.001 min
 Lab File: BF133502.D
 Acq: 26 May 2023 16:50

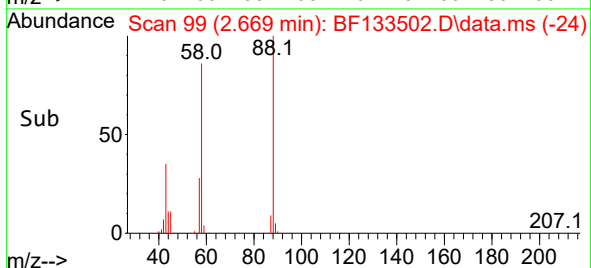
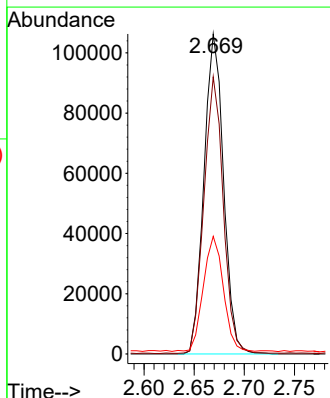
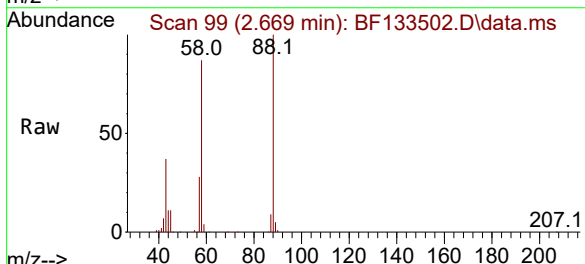
Instrument :
 BNA_F
 ClientSampleId :
 PB153075BS

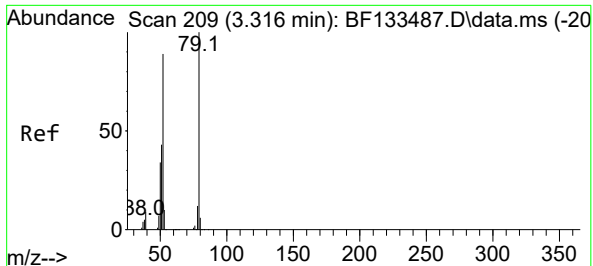
Tgt Ion:152 Resp: 130584
 Ion Ratio Lower Upper
 152 100
 150 161.1 124.9 187.3
 115 58.7 48.1 72.1



#2
 1,4-Dioxane
 Concen: 40.982 ng
 RT: 2.669 min Scan# 99
 Delta R.T. 0.094 min
 Lab File: BF133502.D
 Acq: 26 May 2023 16:50

Tgt Ion: 88 Resp: 144862
 Ion Ratio Lower Upper
 88 100
 58 85.6 67.7 101.5
 43 36.6 28.2 42.4

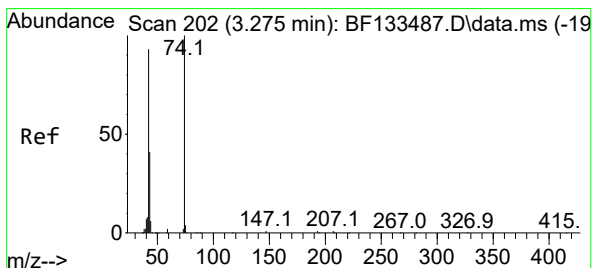
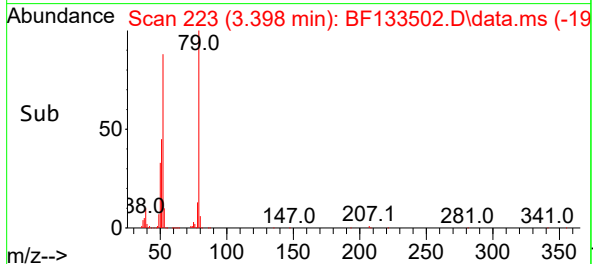
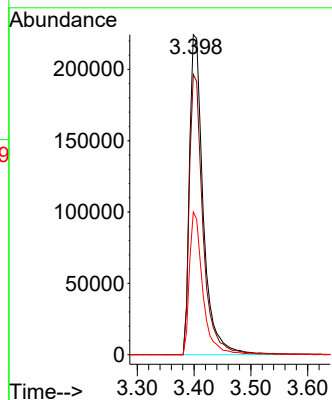
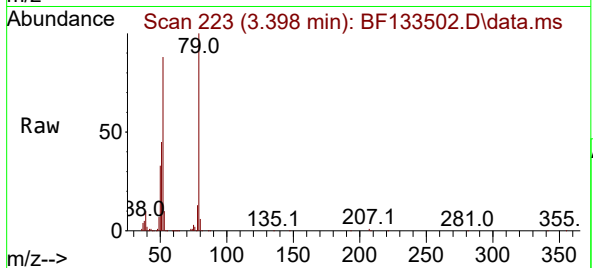




#3
 Pyridine
 Concen: 38.239 ng
 RT: 3.398 min Scan# 21
 Delta R.T. 0.082 min
 Lab File: BF133502.D
 Acq: 26 May 2023 16:50

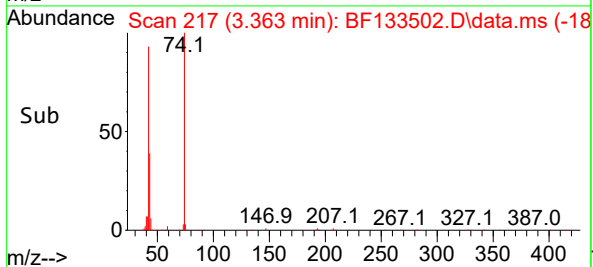
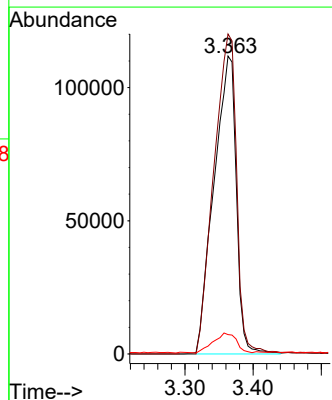
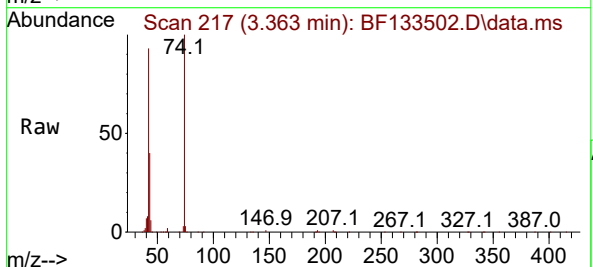
Instrument :
 BNA_F
 ClientSampleId :
 PB153075BS

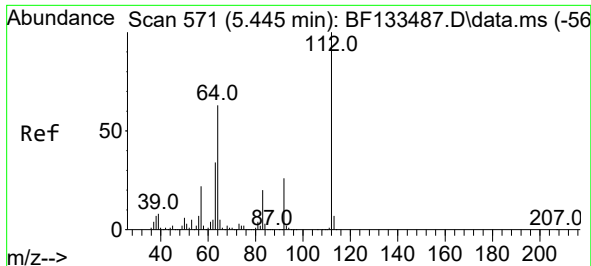
Tgt Ion: 79 Resp: 378988
 Ion Ratio Lower Upper
 79 100
 52 87.6 71.3 106.9
 51 44.6 34.4 51.6



#4
 n-Nitrosodimethylamine
 Concen: 47.188 ng
 RT: 3.363 min Scan# 217
 Delta R.T. 0.088 min
 Lab File: BF133502.D
 Acq: 26 May 2023 16:50

Tgt Ion: 42 Resp: 255057
 Ion Ratio Lower Upper
 42 100
 74 107.4 85.7 128.5
 44 6.5 5.6 8.4

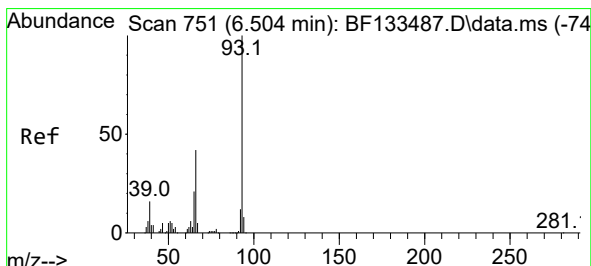
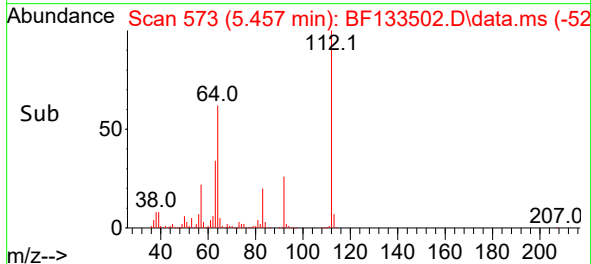
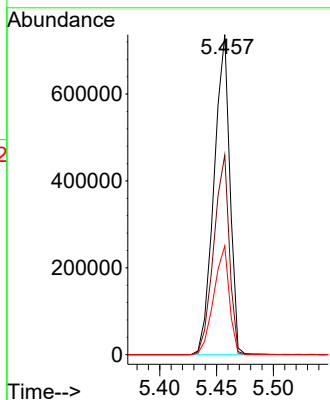
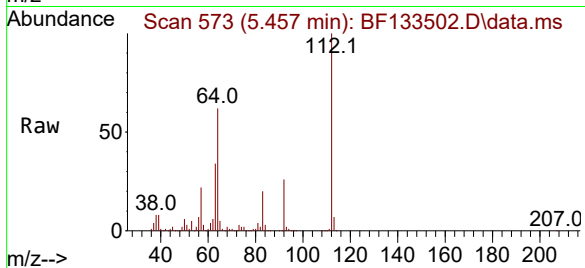




#5
2-Fluorophenol
Concen: 91.375 ng
RT: 5.457 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

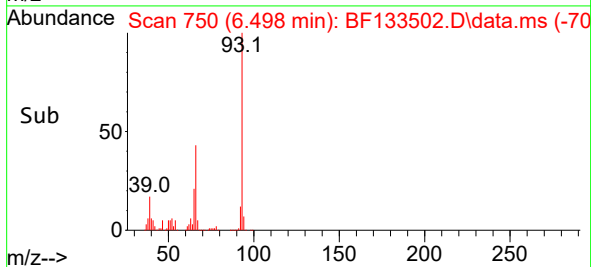
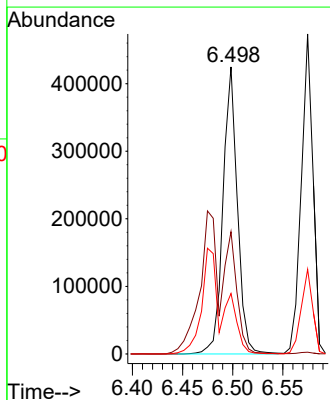
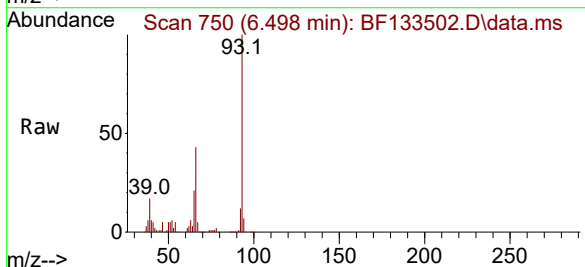
Instrument :
BNA_F
ClientSampleId :
PB153075BS

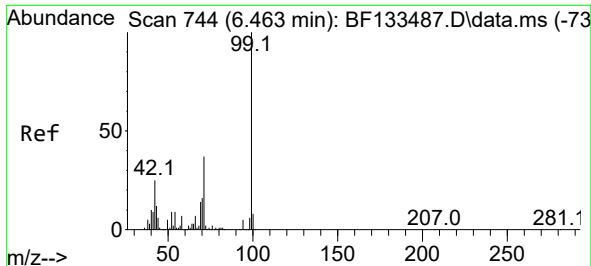
Tgt Ion:112 Resp: 715156
Ion Ratio Lower Upper
112 100
64 62.4 50.1 75.1
63 34.0 27.5 41.3



#6
Aniline
Concen: 32.367 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Tgt Ion: 93 Resp: 423417
Ion Ratio Lower Upper
93 100
66 42.6 33.9 50.9
65 21.1 17.2 25.8

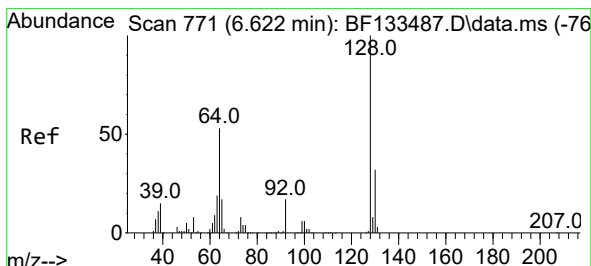
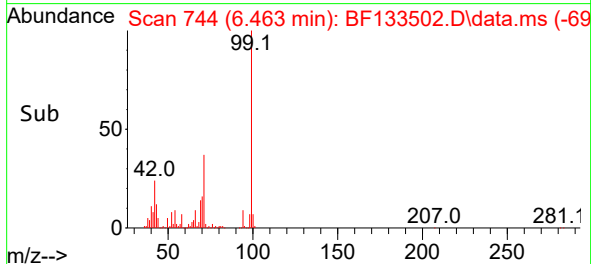
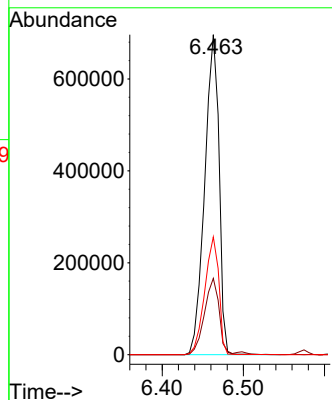
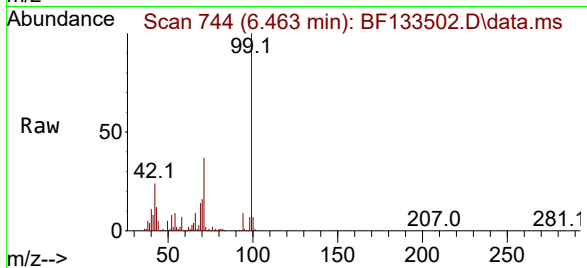




#7
Phenol-d6
Concen: 88.351 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

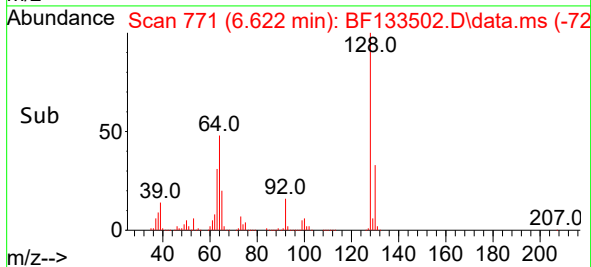
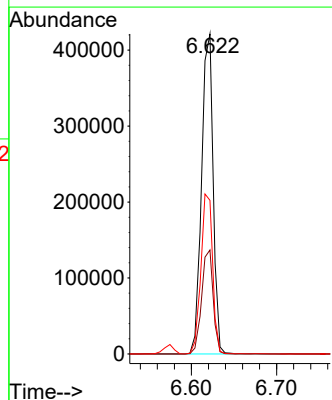
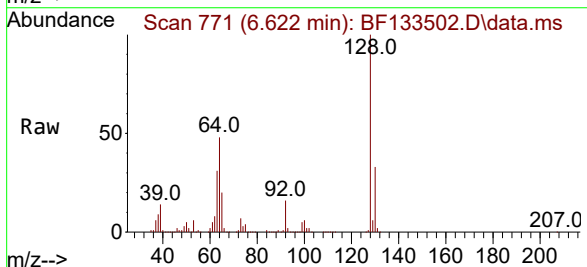
Instrument :
BNA_F
ClientSampleId :
PB153075BS

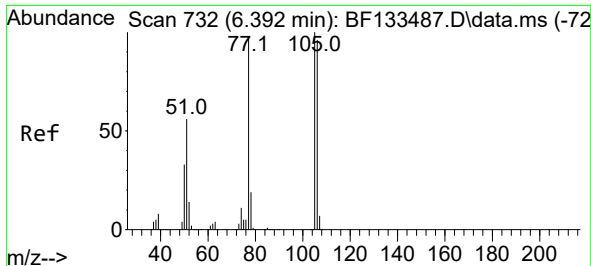
Tgt Ion: 99 Resp: 851232
Ion Ratio Lower Upper
99 100
42 23.8 19.7 29.5
71 36.8 29.8 44.8



#8
2-Chlorophenol
Concen: 51.573 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Tgt Ion: 128 Resp: 397726
Ion Ratio Lower Upper
128 100
130 32.5 12.4 52.4
64 48.0 33.3 73.3

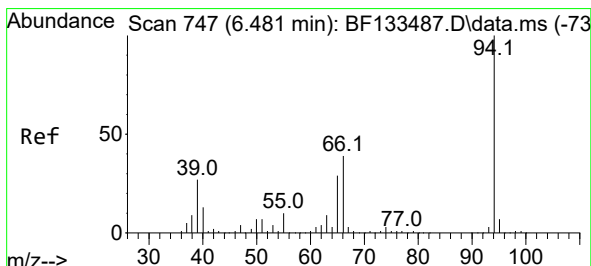
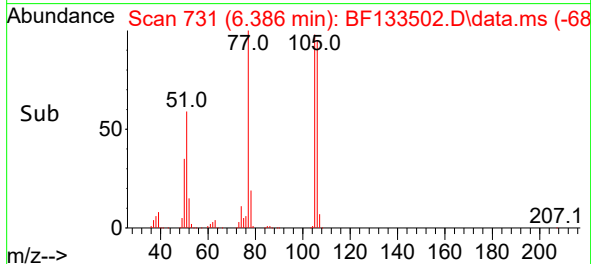
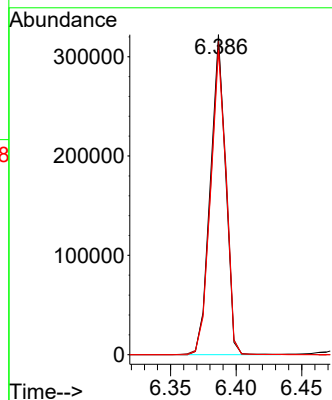
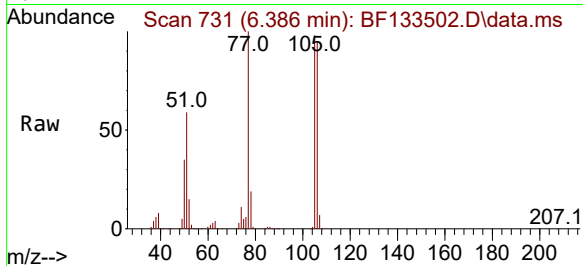




#9
Benzaldehyde
Concen: 58.068 ng
RT: 6.386 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

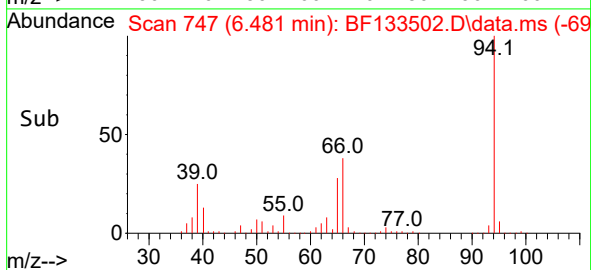
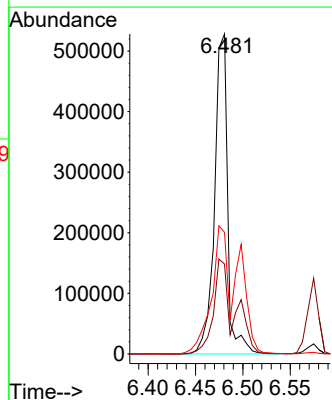
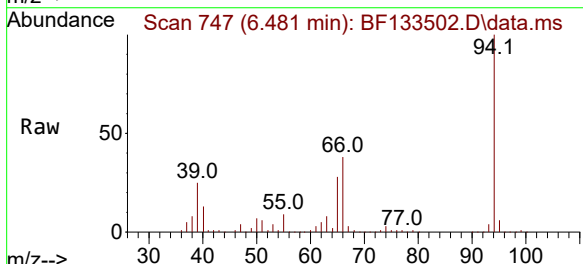
Instrument :
BNA_F
ClientSampleId :
PB153075BS

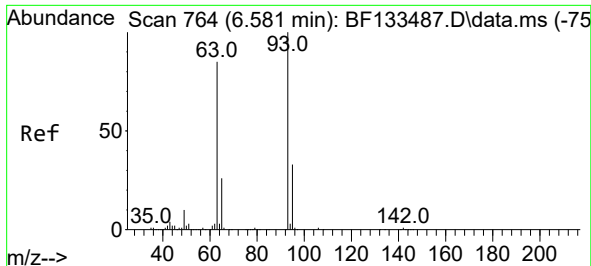
Tgt Ion: 77 Resp: 260830
Ion Ratio Lower Upper
77 100
105 97.9 81.9 121.9
106 95.2 77.8 117.8



#10
Phenol
Concen: 52.532 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Tgt Ion: 94 Resp: 507733
Ion Ratio Lower Upper
94 100
65 28.1 9.1 49.1
66 38.0 18.9 58.9

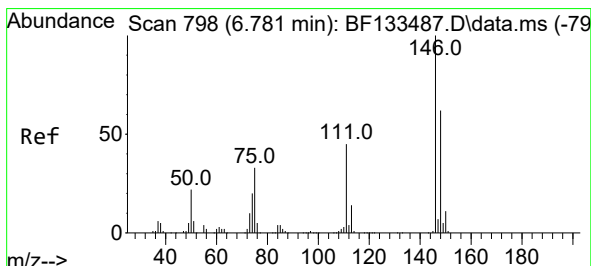
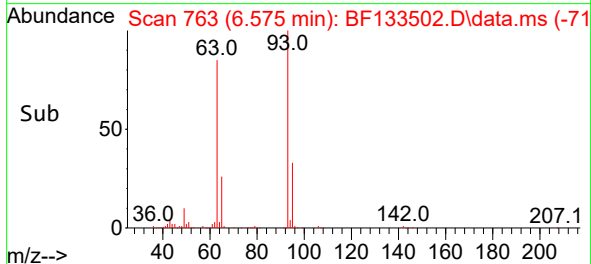
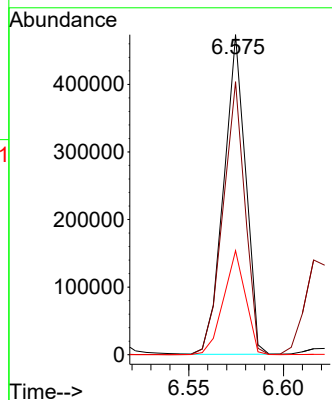
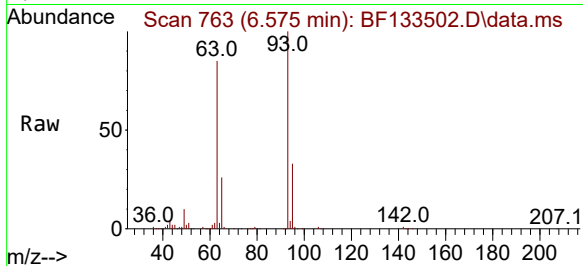




#11
bis(2-Chloroethyl)ether
Concen: 47.772 ng
RT: 6.575 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

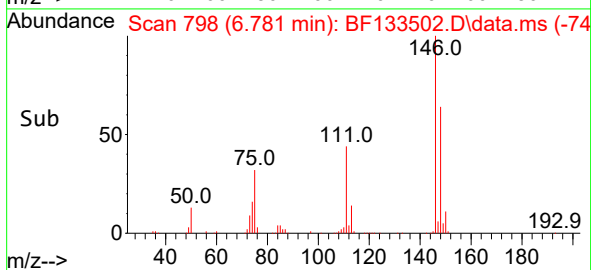
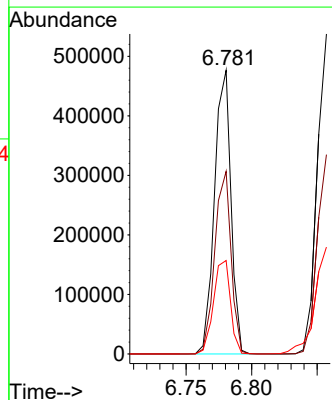
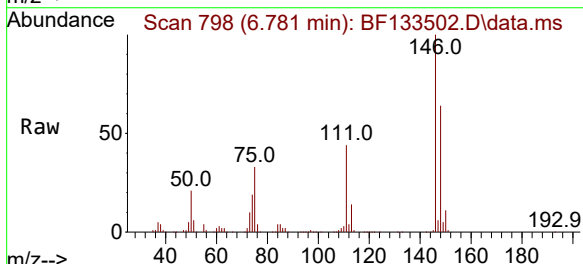
Instrument :
BNA_F
ClientSampleId :
PB153075BS

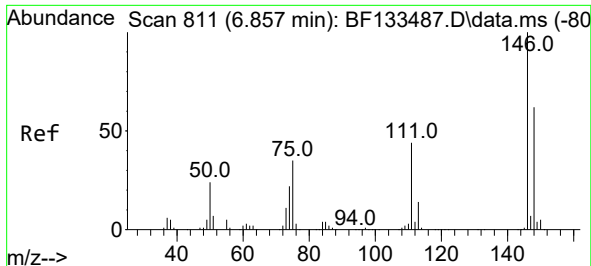
Tgt Ion: 93 Resp: 381753
Ion Ratio Lower Upper
93 100
63 85.3 64.5 104.5
95 32.5 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 48.552 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Tgt Ion:146 Resp: 415683
Ion Ratio Lower Upper
146 100
148 64.4 49.9 74.9
75 32.9 26.7 40.1

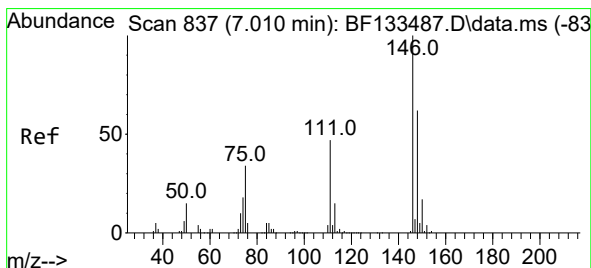
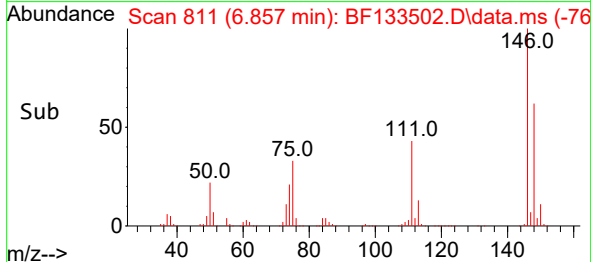
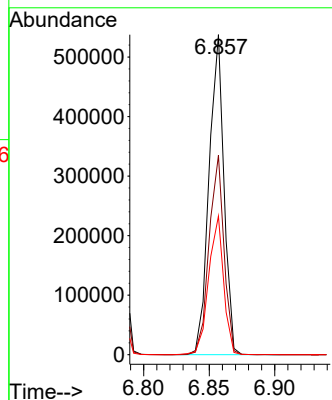
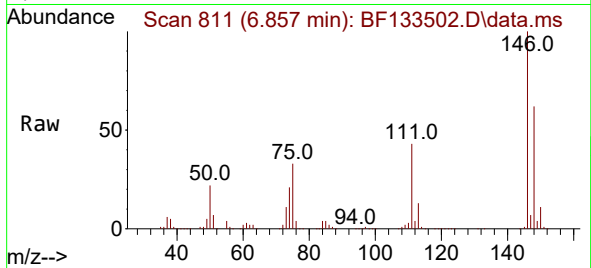




#13
1,4-Dichlorobenzene
Concen: 49.611 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

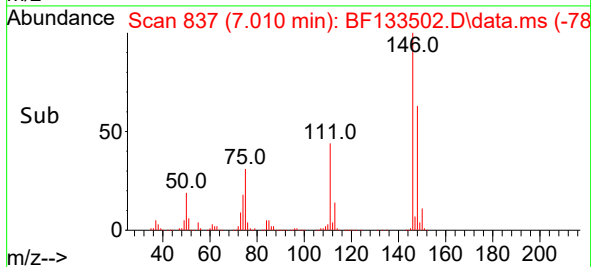
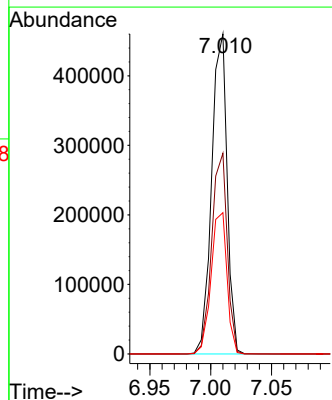
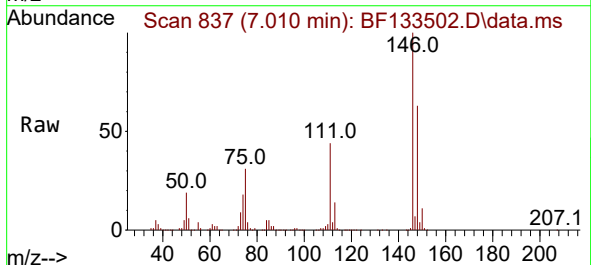
Instrument :
BNA_F
ClientSampleId :
PB153075BS

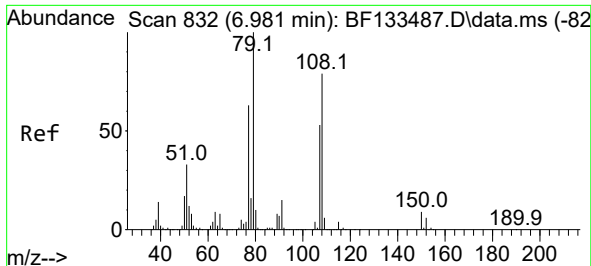
Tgt Ion:146 Resp: 425838
Ion Ratio Lower Upper
146 100
148 62.3 49.8 74.6
111 43.3 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 51.232 ng
RT: 7.010 min Scan# 837
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Tgt Ion:146 Resp: 405802
Ion Ratio Lower Upper
146 100
148 62.7 49.8 74.6
111 44.2 37.4 56.2

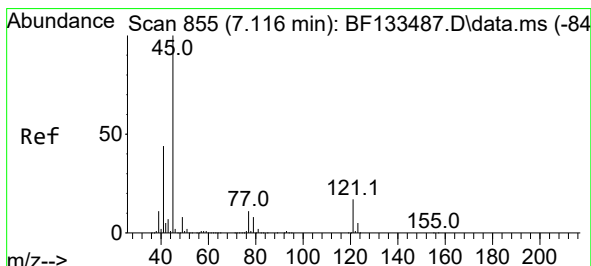
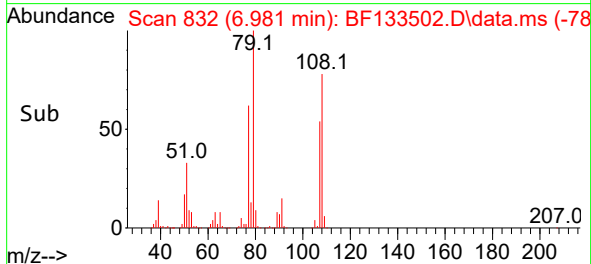
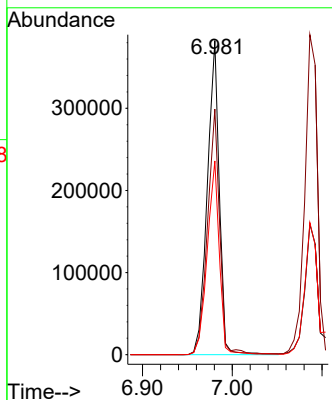
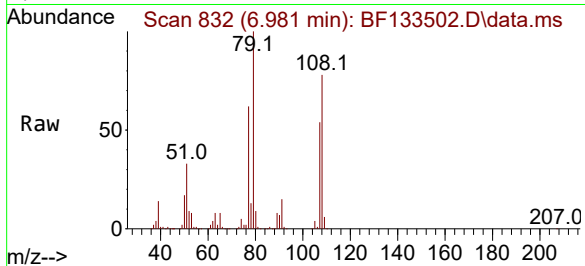




#15
Benzyl Alcohol
Concen: 48.764 ng
RT: 6.981 min Scan# 832
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

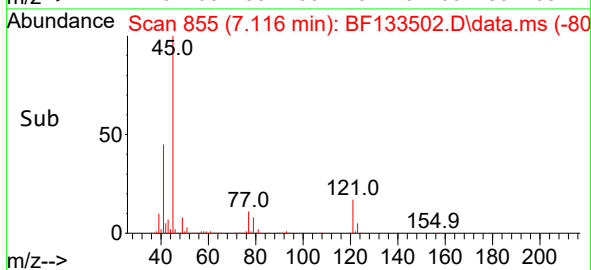
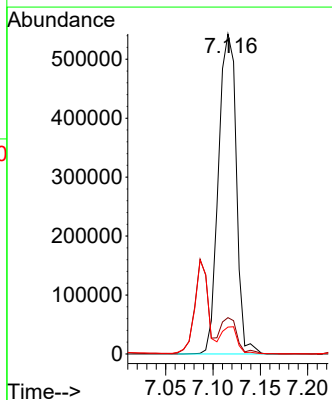
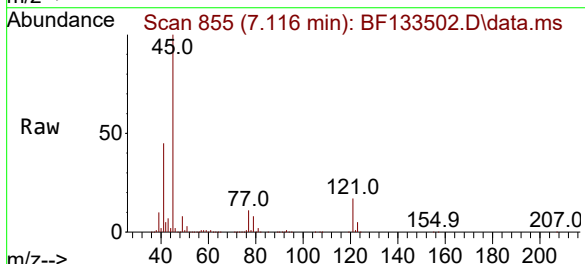
Instrument :
BNA_F
ClientSampleId :
PB153075BS

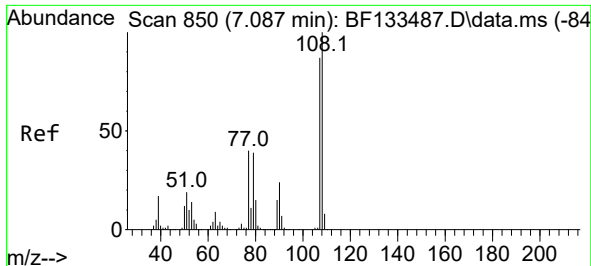
Tgt Ion: 79 Resp: 356692
Ion Ratio Lower Upper
79 100
108 78.2 63.2 94.8
77 61.7 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.085 ng
RT: 7.116 min Scan# 855
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Tgt Ion: 45 Resp: 713629
Ion Ratio Lower Upper
45 100
77 11.4 0.0 30.8
79 8.4 0.0 28.2

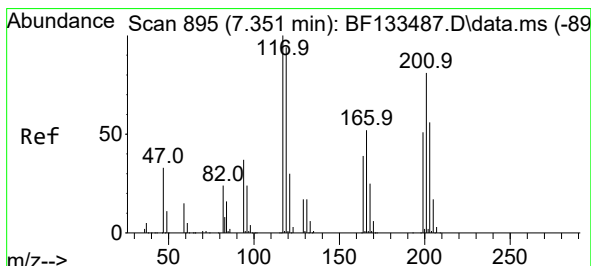
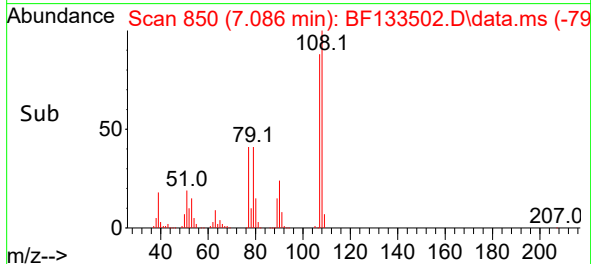
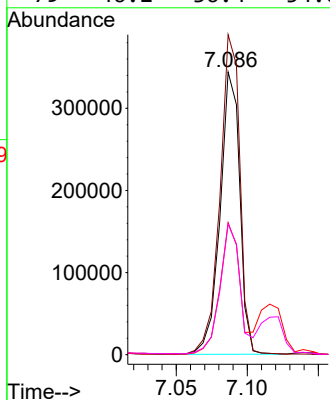
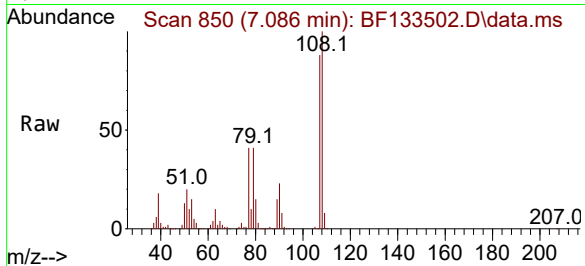




#17
2-Methylphenol
Concen: 45.206 ng
RT: 7.086 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

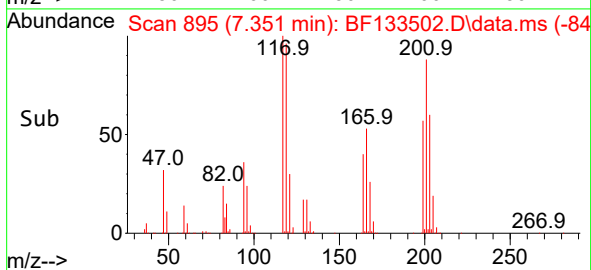
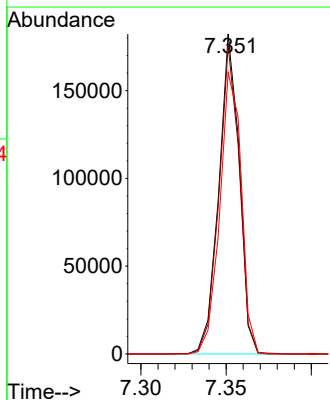
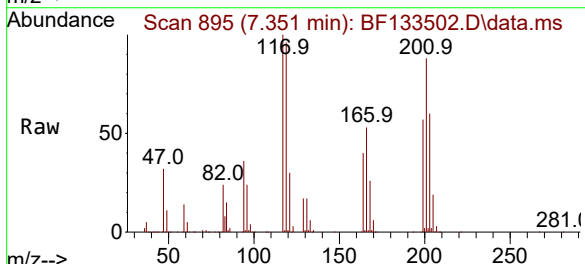
Instrument :
BNA_F
ClientSampleId :
PB153075BS

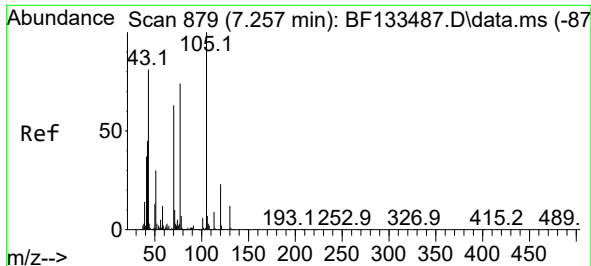
Tgt Ion:	107	Resp:	330146
Ion	Ratio	Lower	Upper
107	100		
108	113.2	92.2	138.4
77	46.7	37.1	55.7
79	46.2	36.4	54.6



#18
Hexachloroethane
Concen: 51.386 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Tgt Ion:	117	Resp:	152516
Ion	Ratio	Lower	Upper
117	100		
119	96.3	74.9	112.3
201	88.0	64.8	97.2



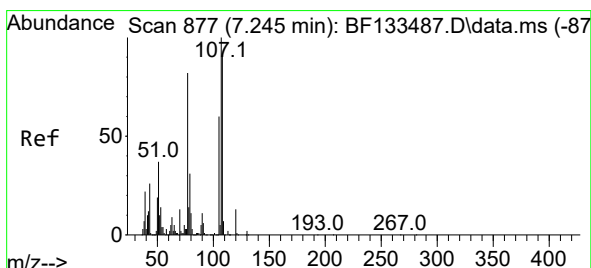
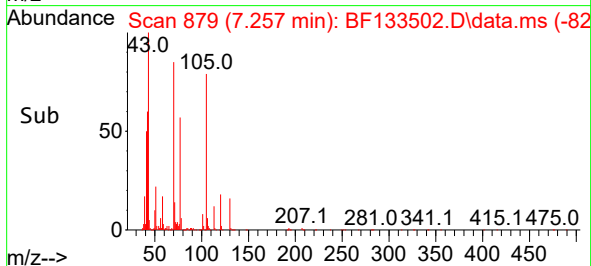
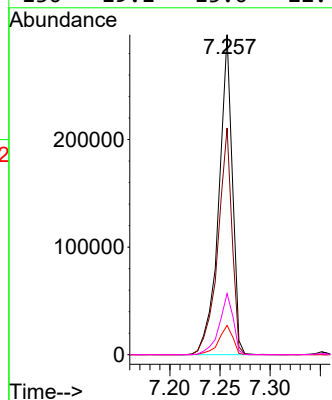
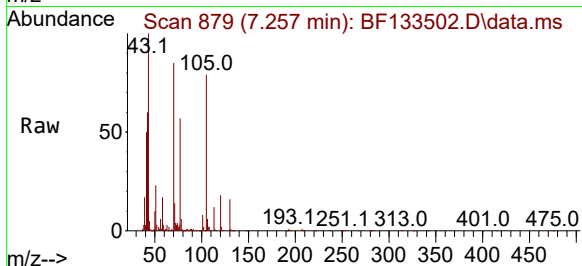


#19
n-Nitroso-di-n-propylamine
Concen: 44.846 ng
RT: 7.257 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Instrument :
BNA_F
ClientSampleId :
PB153075BS

Tgt Ion: 70 Resp: 279558

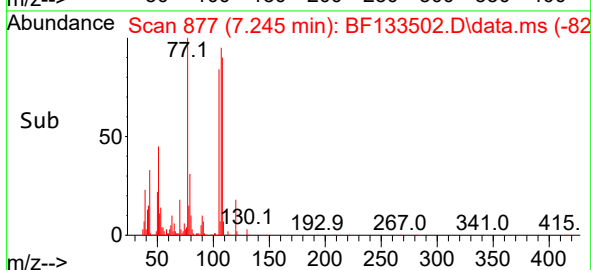
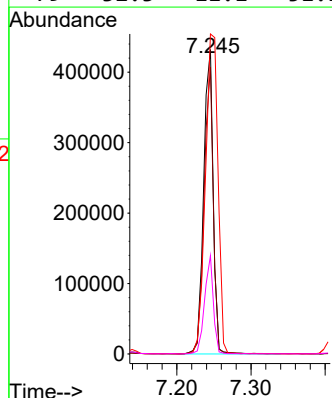
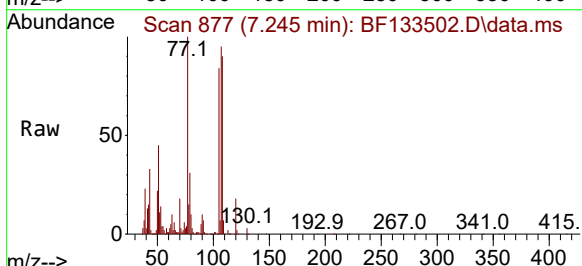
Ion	Ratio	Lower	Upper
70	100		
42	70.8	57.2	85.8
101	9.1	7.3	10.9
130	19.1	15.0	22.4

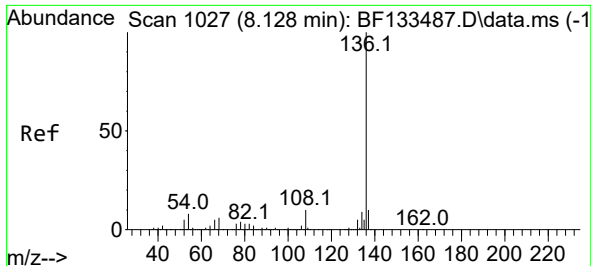


#20
3+4-Methylphenols
Concen: 47.005 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Tgt Ion: 107 Resp: 388100

Ion	Ratio	Lower	Upper
107	100		
108	94.3	72.0	112.0
77	105.1	61.9	101.9#
79	32.3	11.1	51.1

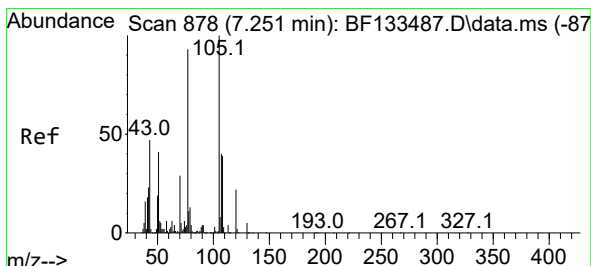
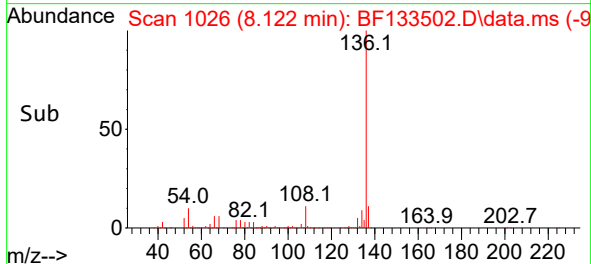
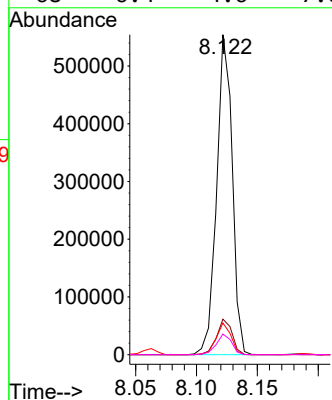
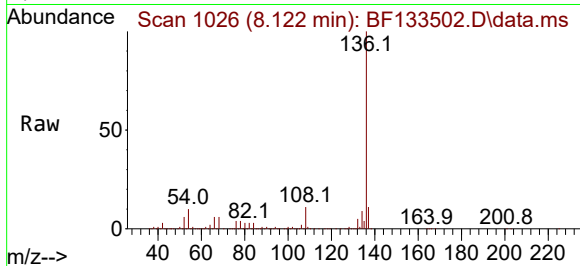




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

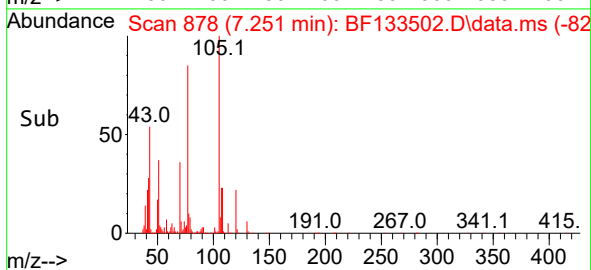
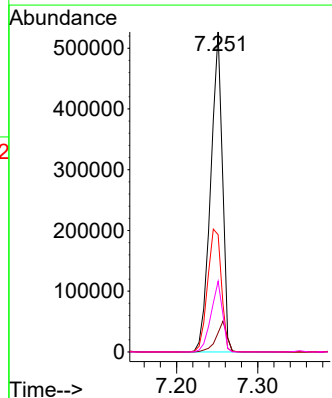
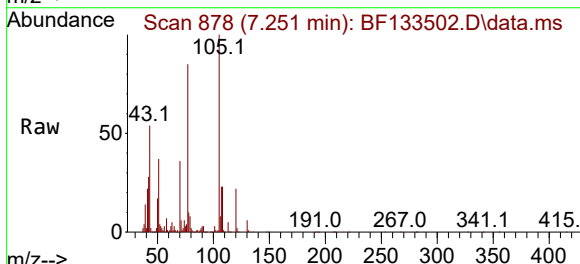
Instrument :
BNA_F
ClientSampleId :
PB153075BS

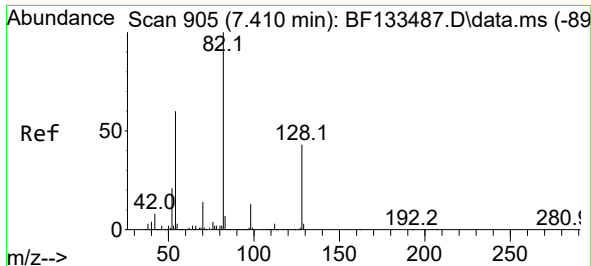
Tgt Ion:	136	Resp:	494973
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.2	12.4
54	9.9	6.6	10.0
68	6.4	4.6	7.0



#22
Acetophenone
Concen: 46.442 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Tgt Ion:	105	Resp:	529378
Ion Ratio	Lower	Upper	
105	100		
71	6.0	3.8	5.8
51	36.7	32.6	49.0
120	22.1	17.5	26.3





#23

Nitrobenzene-d5

Concen: 104.732 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF133502.D

Acq: 26 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

PB153075BS

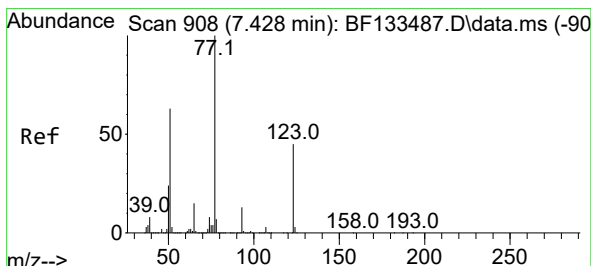
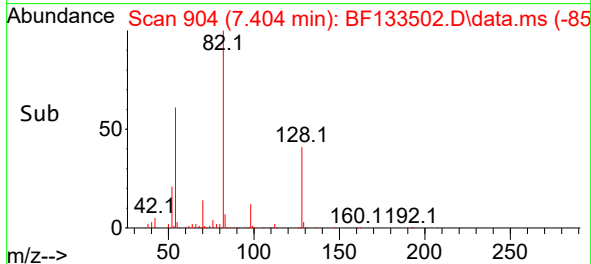
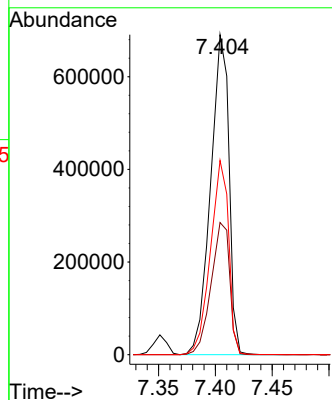
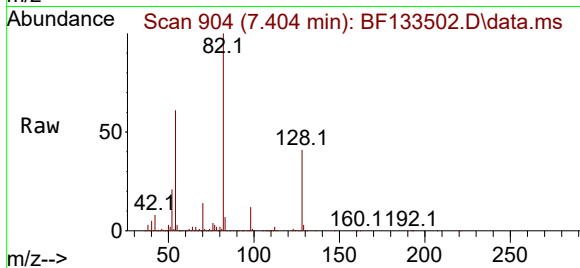
Tgt Ion: 82 Resp: 776409

Ion Ratio Lower Upper

82 100

128 41.3 34.2 51.4

54 60.7 48.2 72.4



#24

Nitrobenzene

Concen: 52.463 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.000 min

Lab File: BF133502.D

Acq: 26 May 2023 16:50

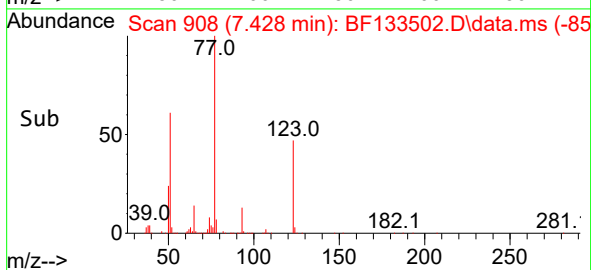
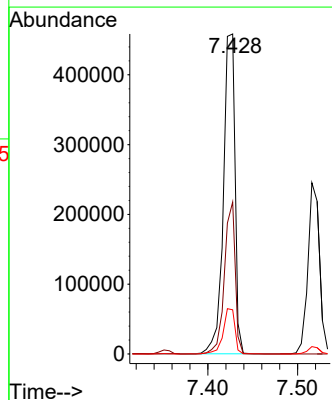
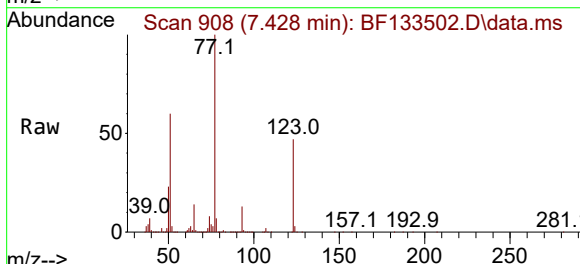
Tgt Ion: 77 Resp: 414404

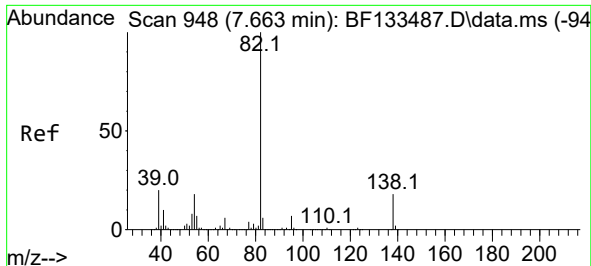
Ion Ratio Lower Upper

77 100

123 47.5 35.8 53.8

65 13.8 11.8 17.8

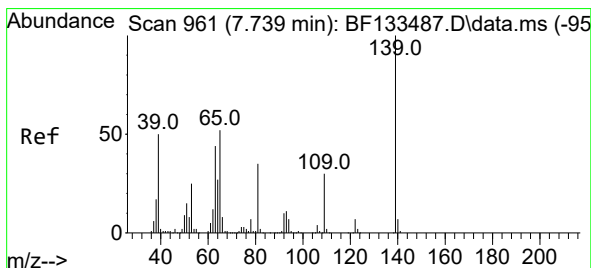
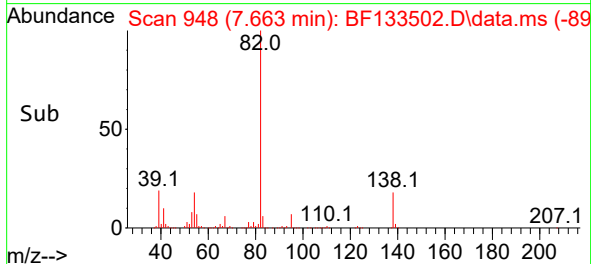
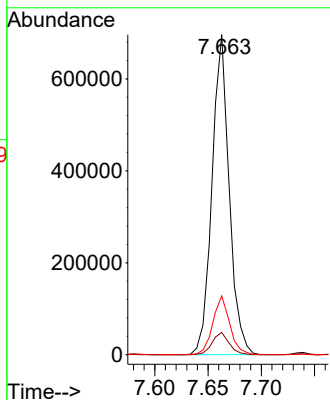
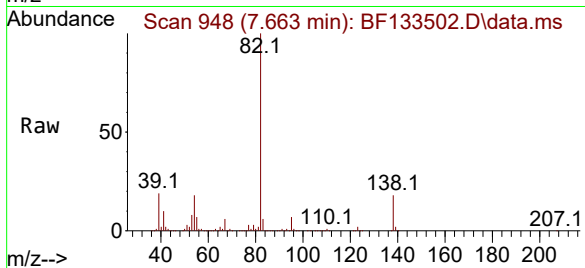




#25
Isophorone
Concen: 45.110 ng
RT: 7.663 min Scan# 948
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

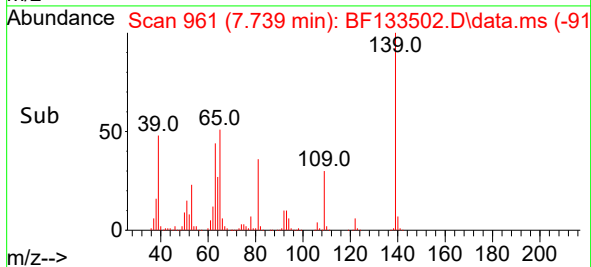
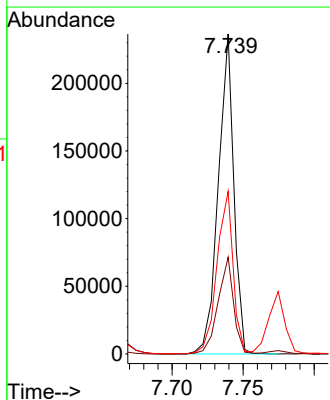
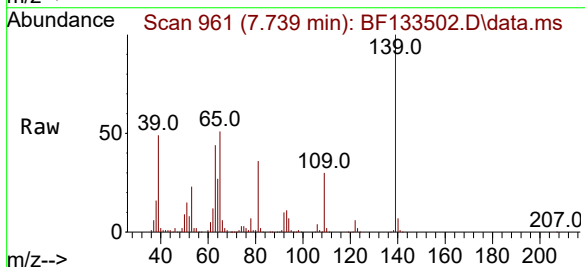
Instrument :
BNA_F
ClientSampleId :
PB153075BS

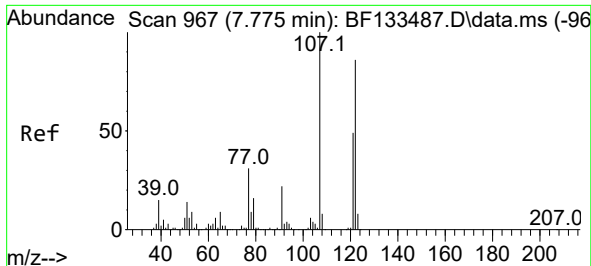
Tgt Ion: 82 Resp: 779370
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 18.3 14.2 21.4



#26
2-Nitrophenol
Concen: 49.344 ng
RT: 7.739 min Scan# 961
Delta R.T. 0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Tgt Ion: 139 Resp: 179134
Ion Ratio Lower Upper
139 100
109 30.3 24.0 36.0
65 50.8 41.7 62.5





#27

2,4-Dimethylphenol

Concen: 45.497 ng

RT: 7.775 min Scan# 967

Delta R.T. -0.000 min

Lab File: BF133502.D

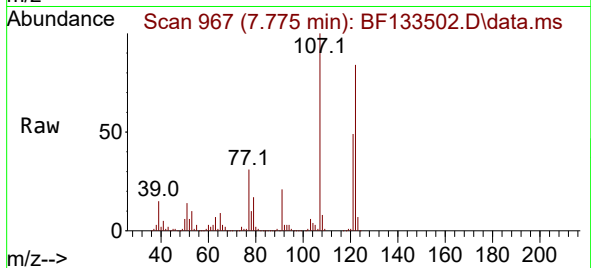
Acq: 26 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

PB153075BS



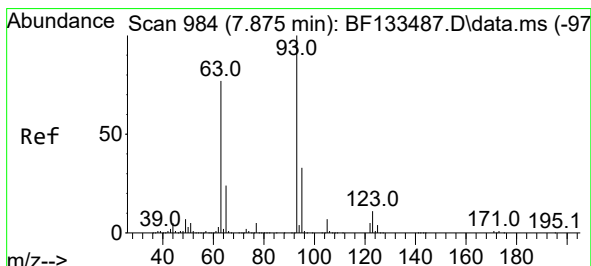
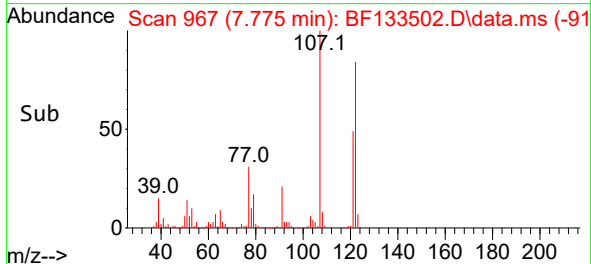
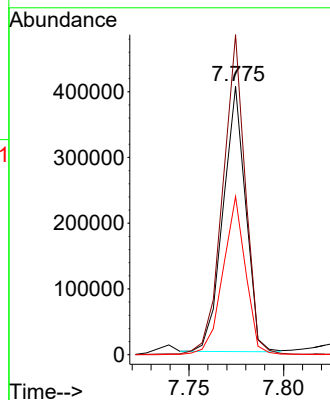
Tgt Ion:122 Resp: 334458

Ion Ratio Lower Upper

122 100

107 119.2 93.4 140.0

121 58.9 45.6 68.4



#28

bis(2-Chloroethoxy)methane

Concen: 44.331 ng

RT: 7.875 min Scan# 984

Delta R.T. -0.000 min

Lab File: BF133502.D

Acq: 26 May 2023 16:50

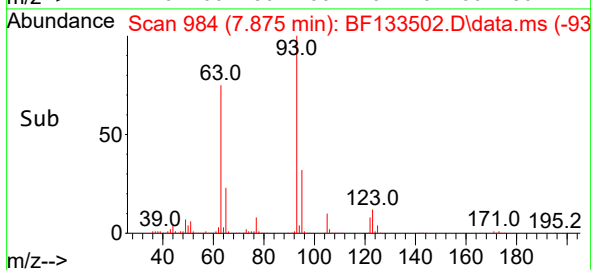
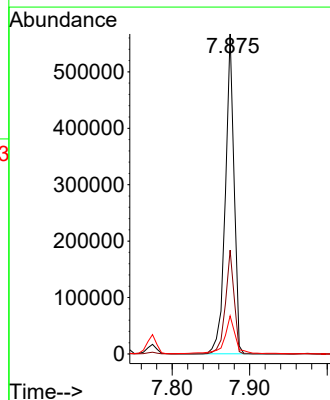
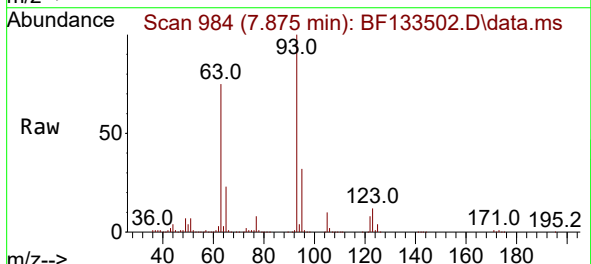
Tgt Ion: 93 Resp: 444133

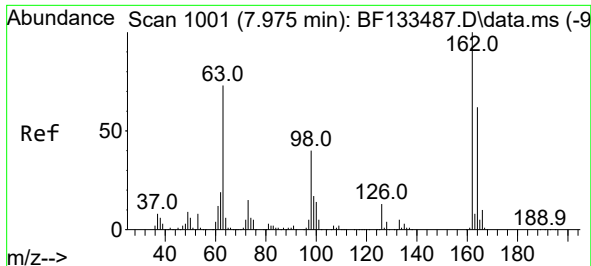
Ion Ratio Lower Upper

93 100

95 32.4 26.8 40.2

123 11.9 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 47.430 ng

RT: 7.980 min Scan# 1001

Delta R.T. 0.006 min

Lab File: BF133502.D

Acq: 26 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

PB153075BS

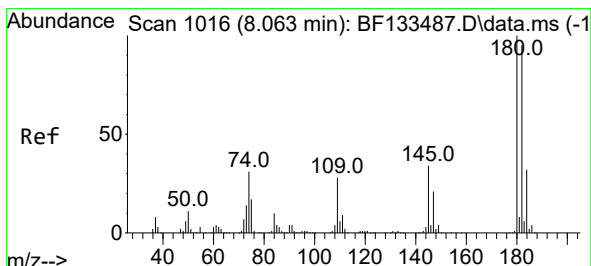
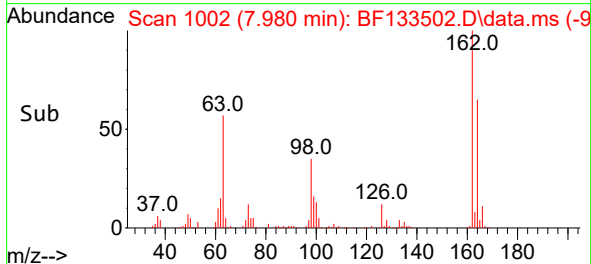
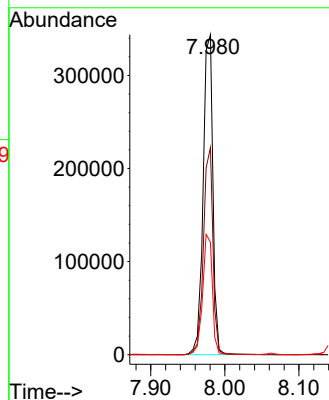
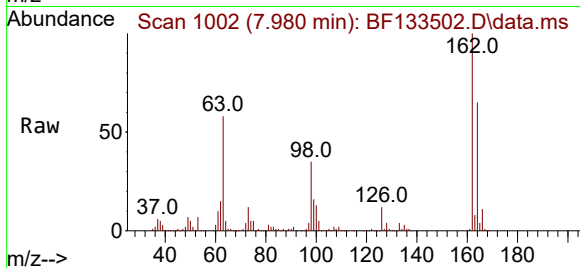
Tgt Ion:162 Resp: 313689

Ion Ratio Lower Upper

162 100

164 64.7 42.2 82.2

98 35.1 19.7 59.7



#30

1,2,4-Trichlorobenzene

Concen: 46.885 ng

RT: 8.063 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BF133502.D

Acq: 26 May 2023 16:50

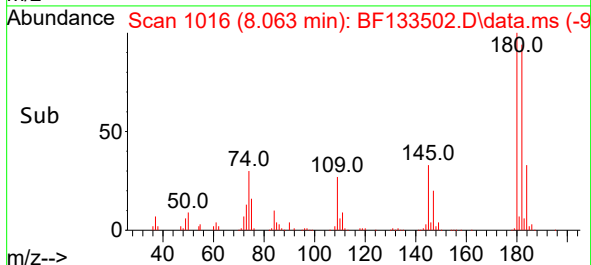
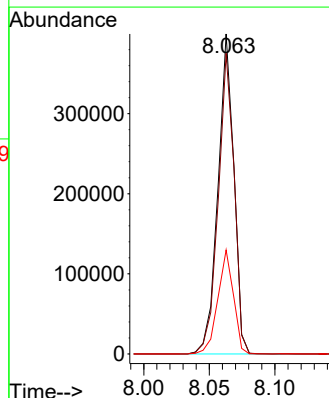
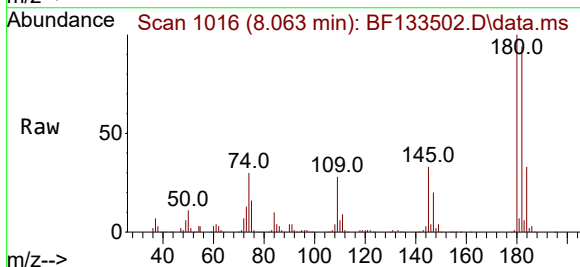
Tgt Ion:180 Resp: 335401

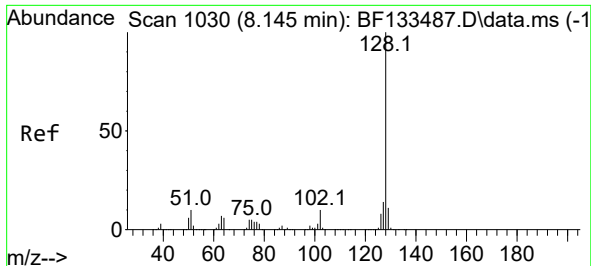
Ion Ratio Lower Upper

180 100

182 93.9 76.1 114.1

145 32.5 27.0 40.4

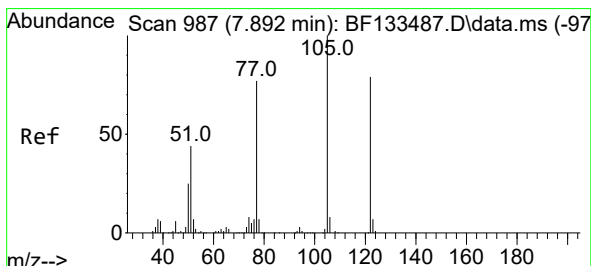
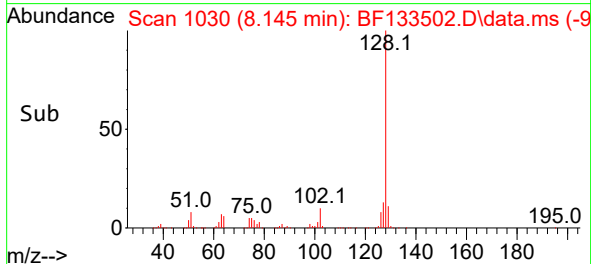
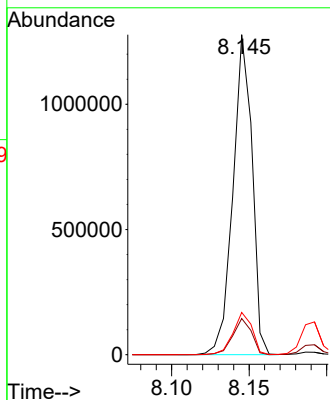
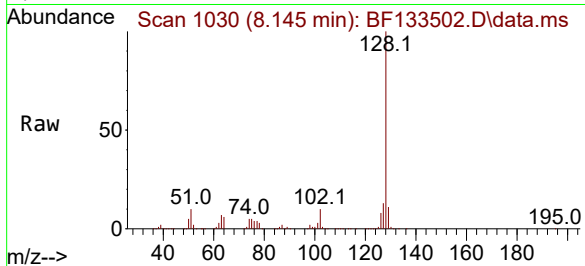




#31
Naphthalene
Concen: 45.703 ng
RT: 8.145 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

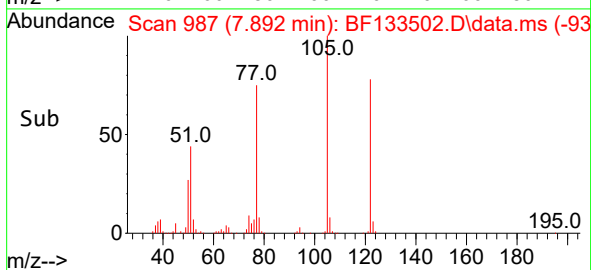
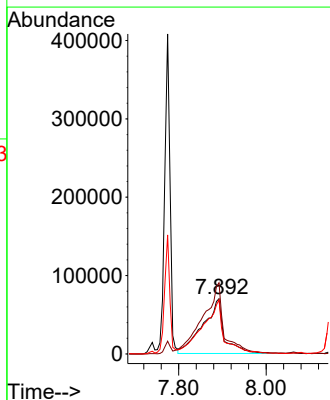
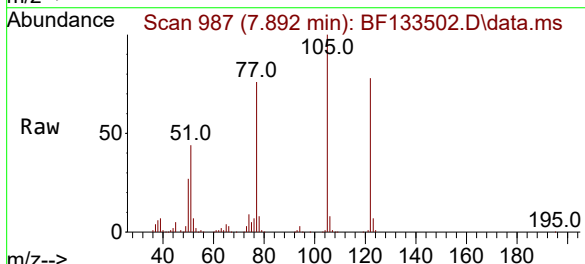
Instrument :
BNA_F
ClientSampleId :
PB153075BS

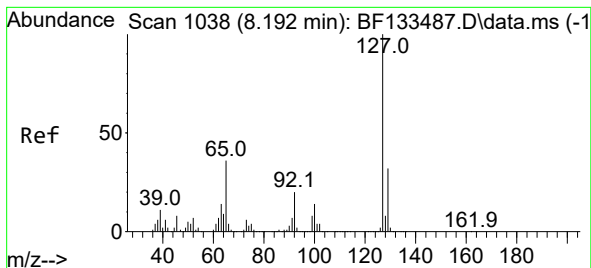
Tgt Ion:128 Resp: 1096741
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 13.2 10.9 16.3



#32
Benzoic acid
Concen: 48.807 ng
RT: 7.892 min Scan# 987
Delta R.T. 0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Tgt Ion:122 Resp: 237043
Ion Ratio Lower Upper
122 100
105 129.0 103.3 143.3
77 98.3 75.7 115.7





#33

4-Chloroaniline

Concen: 11.624 ng

RT: 8.192 min Scan# 1038

Delta R.T. 0.000 min

Lab File: BF133502.D

Acq: 26 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

PB153075BS

Tgt Ion:127 Resp: 119557

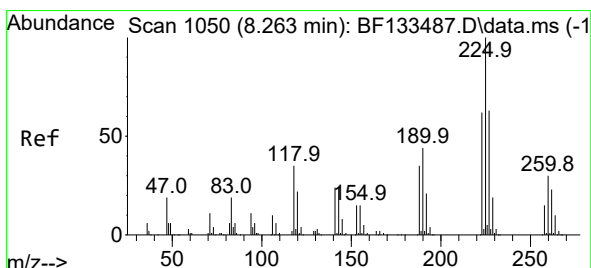
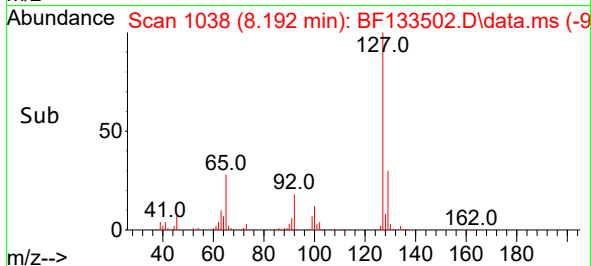
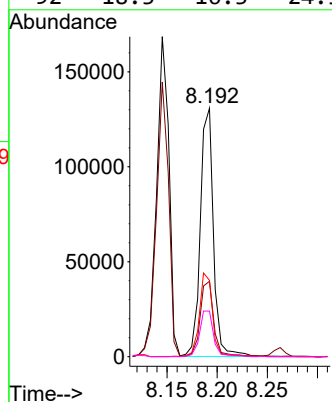
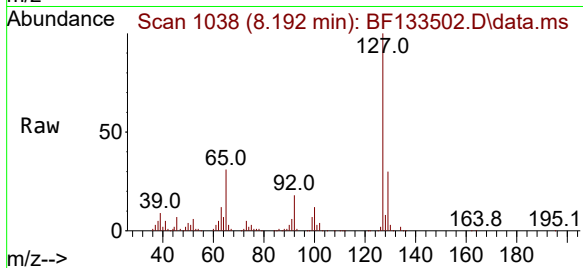
Ion Ratio Lower Upper

127 100

129 30.3 25.9 38.9

65 30.7 29.0 43.6

92 18.3 16.3 24.5



#34

Hexachlorobutadiene

Concen: 46.548 ng

RT: 8.263 min Scan# 1050

Delta R.T. -0.000 min

Lab File: BF133502.D

Acq: 26 May 2023 16:50

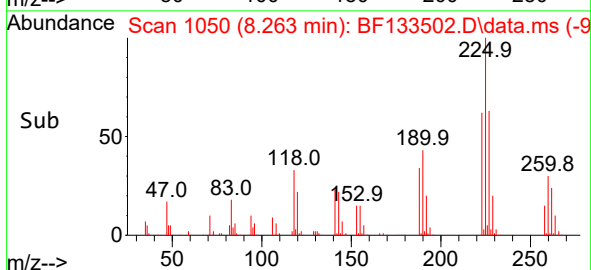
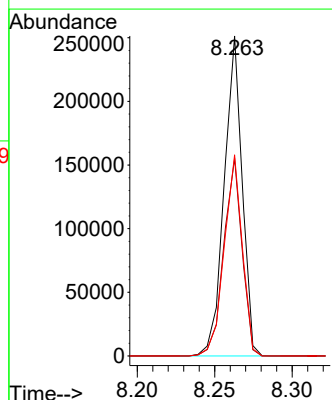
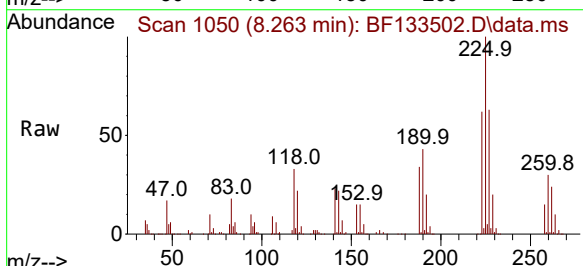
Tgt Ion:225 Resp: 202553

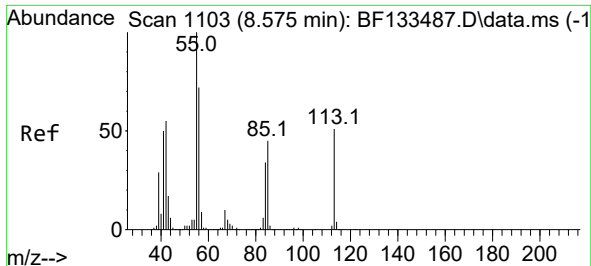
Ion Ratio Lower Upper

225 100

223 61.7 49.8 74.8

227 62.9 50.2 75.4

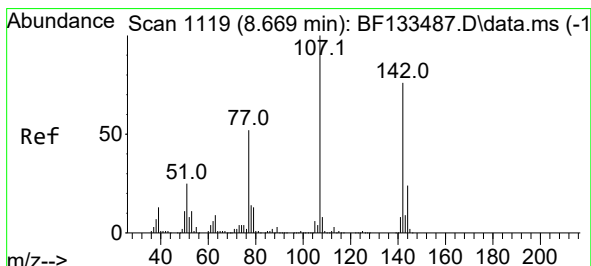
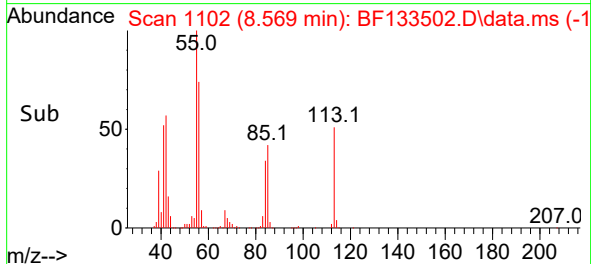
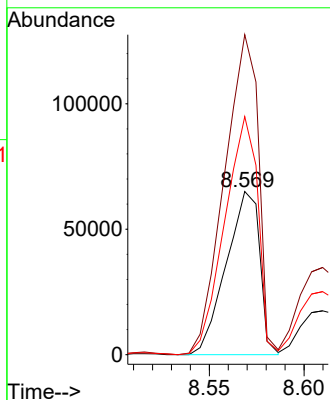
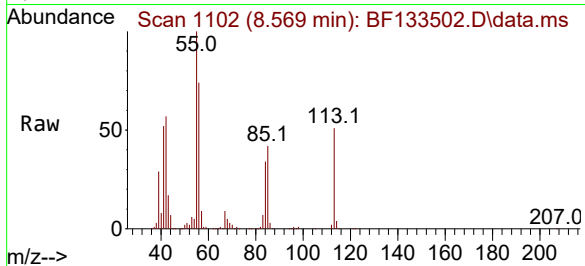




#35
 Caprolactam
 Concen: 36.716 ng
 RT: 8.569 min Scan# 1103
 Delta R.T. -0.006 min
 Lab File: BF133502.D
 Acq: 26 May 2023 16:50

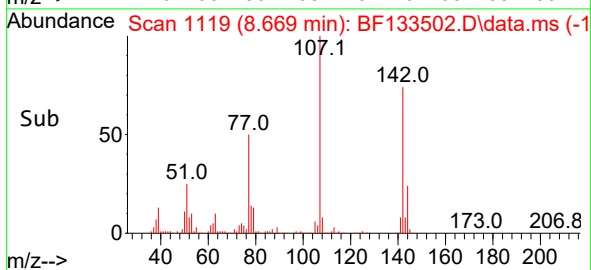
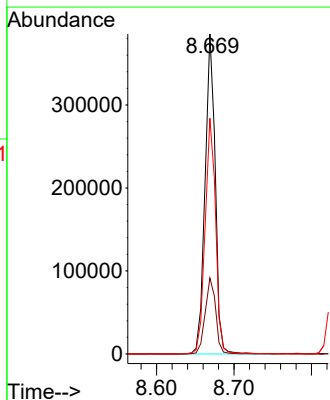
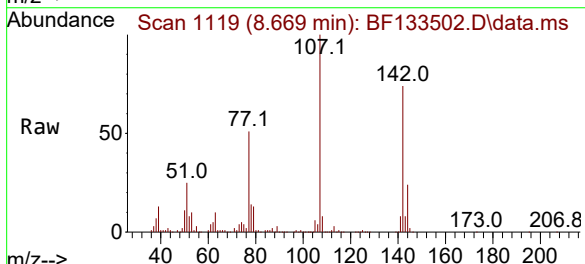
Instrument :
 BNA_F
 ClientSampleId :
 PB153075BS

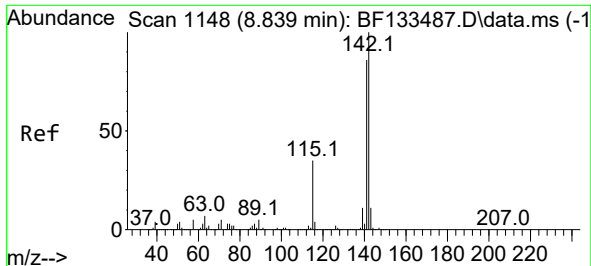
Tgt Ion:113 Resp: 79639
 Ion Ratio Lower Upper
 113 100
 55 196.0 177.5 217.5
 56 145.8 122.3 162.3



#36
 4-Chloro-3-methylphenol
 Concen: 47.397 ng
 RT: 8.669 min Scan# 1119
 Delta R.T. -0.000 min
 Lab File: BF133502.D
 Acq: 26 May 2023 16:50

Tgt Ion:107 Resp: 351146
 Ion Ratio Lower Upper
 107 100
 144 23.7 19.4 29.0
 142 73.7 60.5 90.7

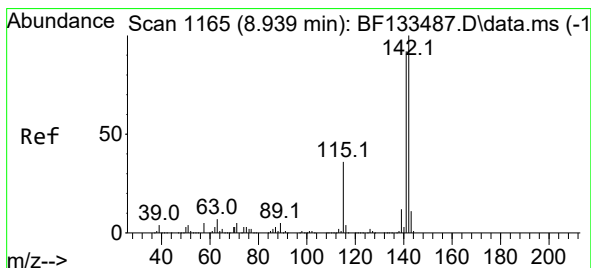
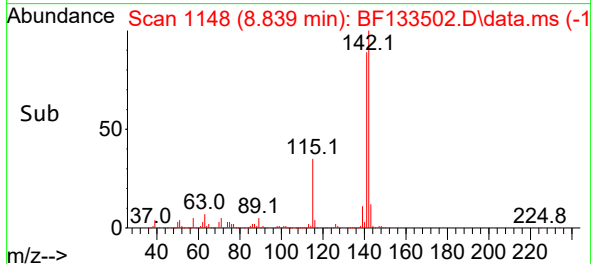
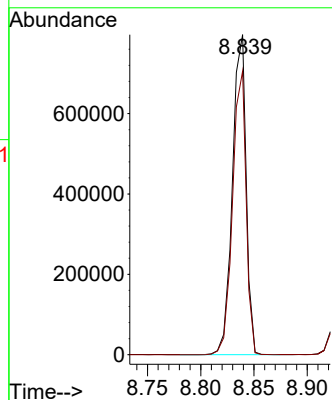
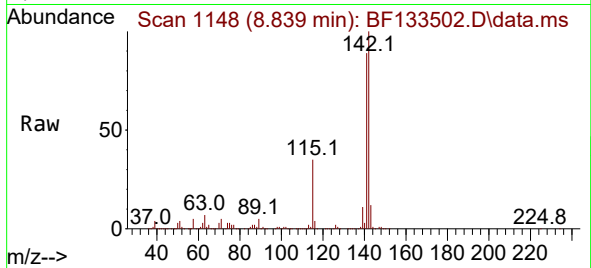




#37
2-Methylnaphthalene
Concen: 43.419 ng
RT: 8.839 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

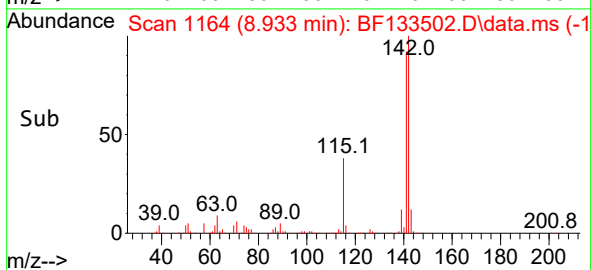
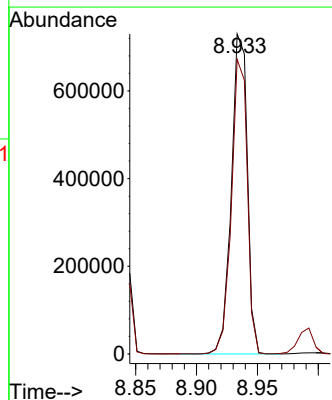
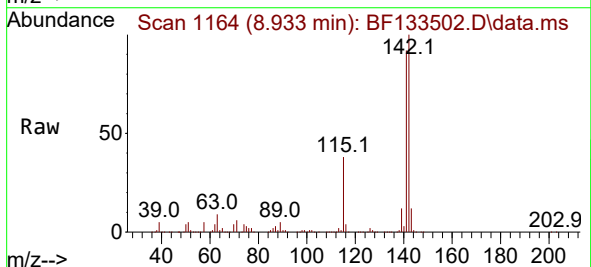
Instrument :
BNA_F
ClientSampleId :
PB153075BS

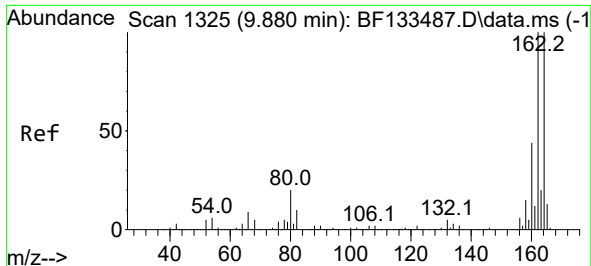
Tgt Ion:142 Resp: 711387
Ion Ratio Lower Upper
142 100
141 88.6 69.2 103.8



#38
1-Methylnaphthalene
Concen: 43.636 ng
RT: 8.933 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Tgt Ion:142 Resp: 666445
Ion Ratio Lower Upper
142 100
141 92.0 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BF133502.D

Acq: 26 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

PB153075BS

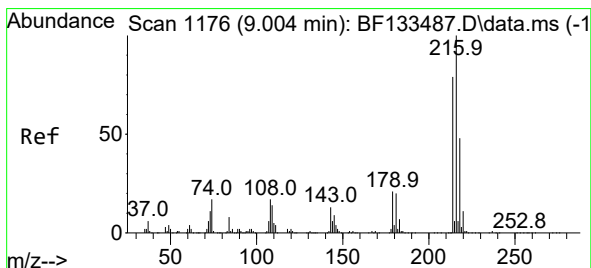
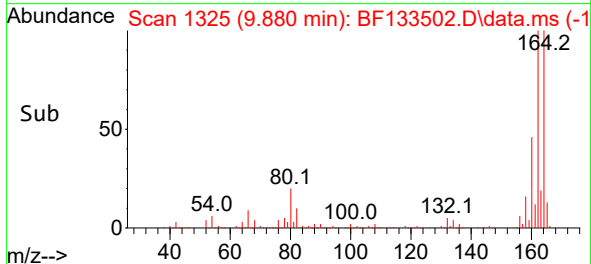
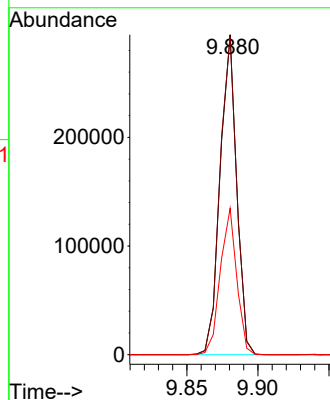
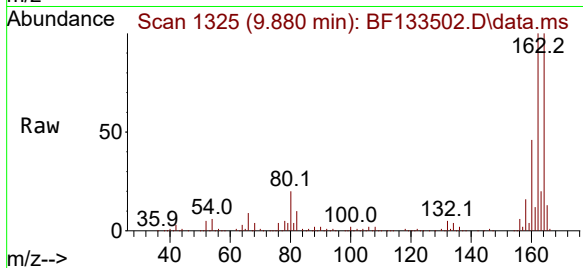
Tgt Ion:164 Resp: 237631

Ion Ratio Lower Upper

164 100

162 99.6 79.7 119.5

160 45.7 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.472 ng

RT: 9.004 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BF133502.D

Acq: 26 May 2023 16:50

Tgt Ion:216 Resp: 313218

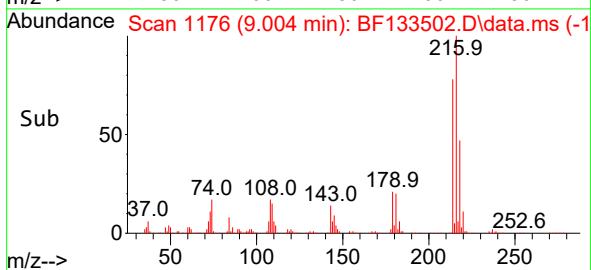
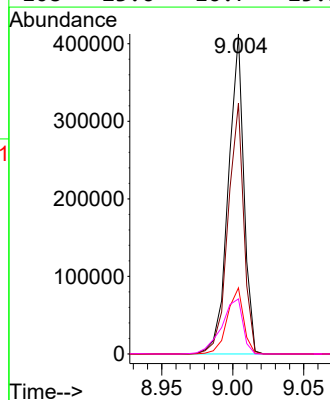
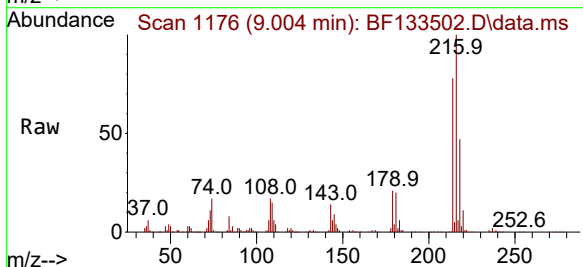
Ion Ratio Lower Upper

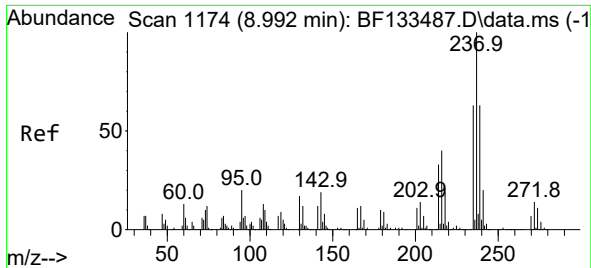
216 100

214 78.9 63.2 94.8

179 21.6 17.3 25.9

108 23.6 16.7 25.1

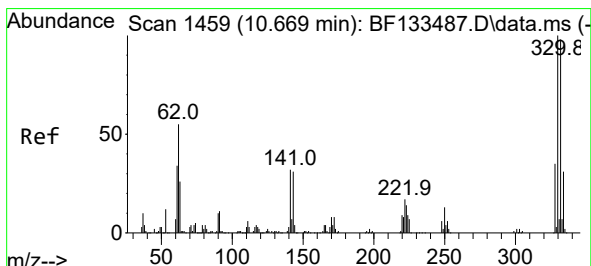
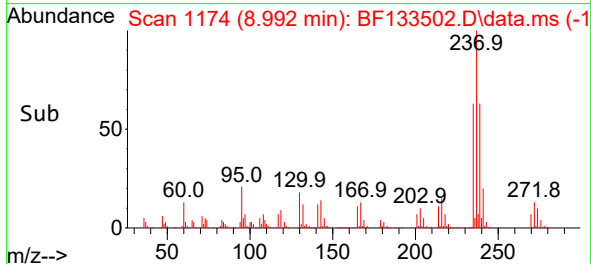
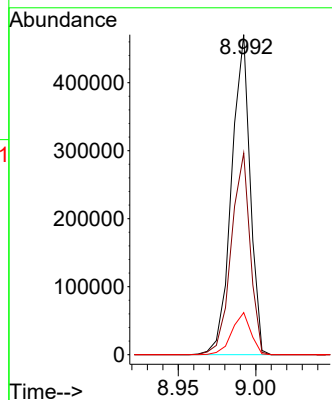
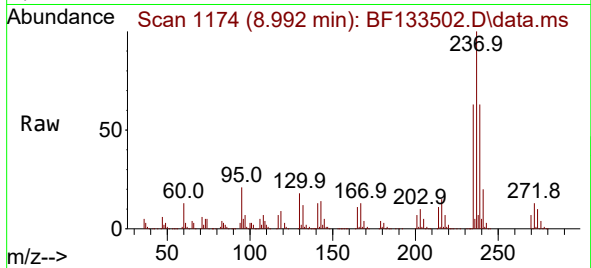




#41
Hexachlorocyclopentadiene
Concen: 108.948 ng
RT: 8.992 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

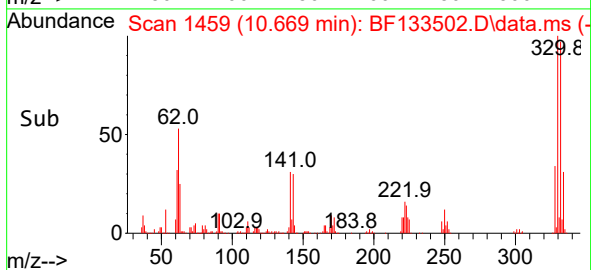
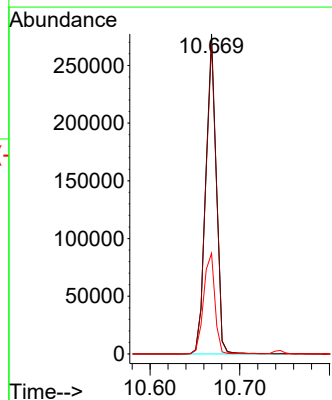
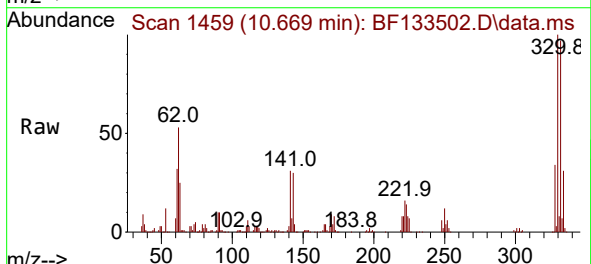
Instrument :
BNA_F
ClientSampleId :
PB153075BS

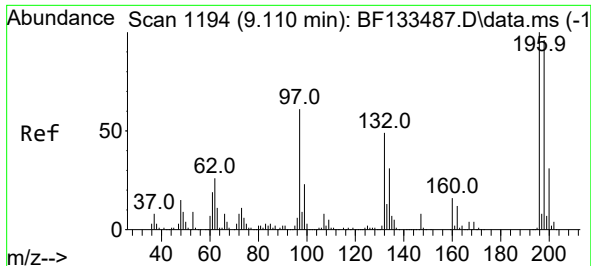
Tgt Ion:237 Resp: 393223
Ion Ratio Lower Upper
237 100
235 63.0 43.0 83.0
272 13.2 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 95.643 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Tgt Ion:330 Resp: 226553
Ion Ratio Lower Upper
330 100
332 98.3 77.8 116.6
141 33.8 26.6 40.0

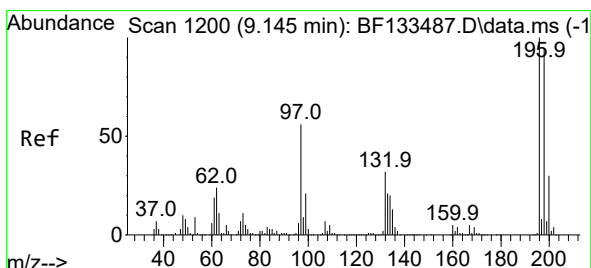
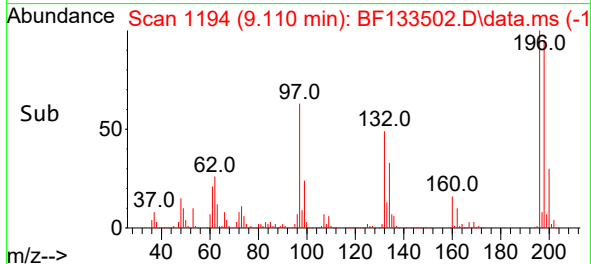
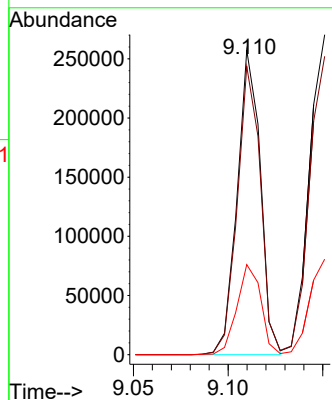
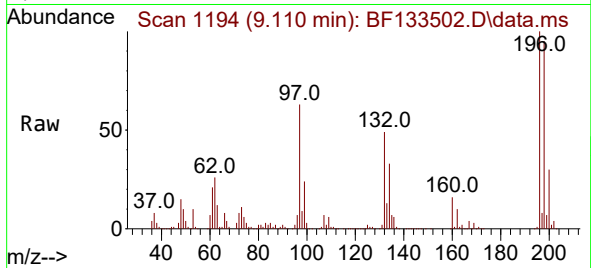




#43
2,4,6-Trichlorophenol
Concen: 48.464 ng
RT: 9.110 min Scan# 1194
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

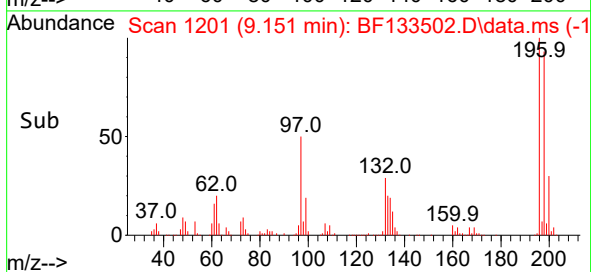
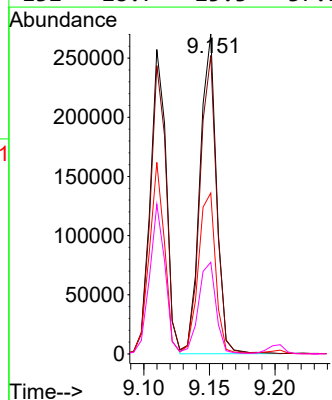
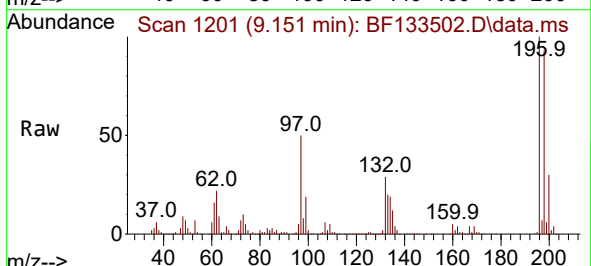
Instrument :
BNA_F
ClientSampleId :
PB153075BS

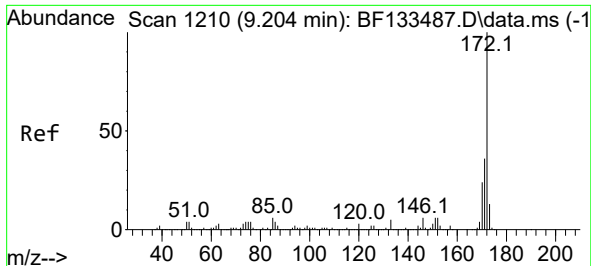
Tgt Ion:196 Resp: 218414
Ion Ratio Lower Upper
196 100
198 94.7 76.6 115.0
200 29.6 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 45.416 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.006 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Tgt Ion:196 Resp: 237570
Ion Ratio Lower Upper
196 100
198 93.3 75.3 112.9
97 50.3 44.9 67.3
132 28.7 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 87.805 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.000 min

Lab File: BF133502.D

Acq: 26 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

PB153075BS

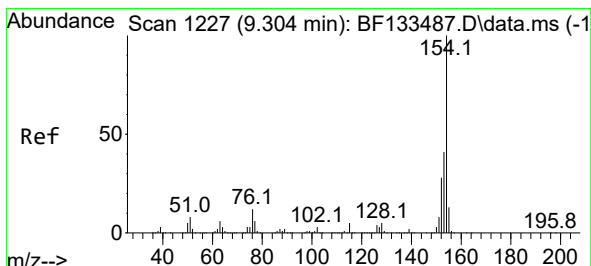
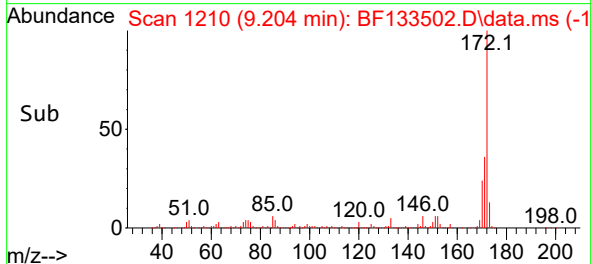
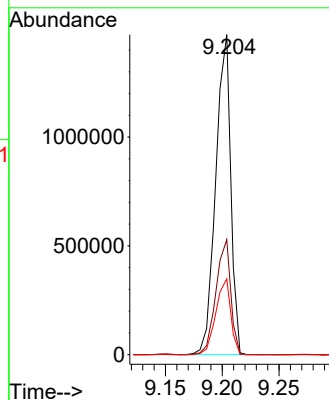
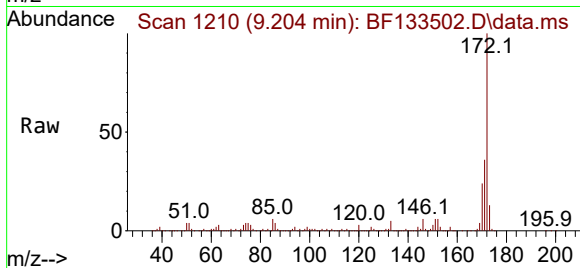
Tgt Ion:172 Resp: 1351858

Ion Ratio Lower Upper

172 100

171 36.0 28.4 42.6

170 23.7 19.3 28.9



#46

1,1'-Biphenyl

Concen: 45.708 ng

RT: 9.304 min Scan# 1227

Delta R.T. -0.000 min

Lab File: BF133502.D

Acq: 26 May 2023 16:50

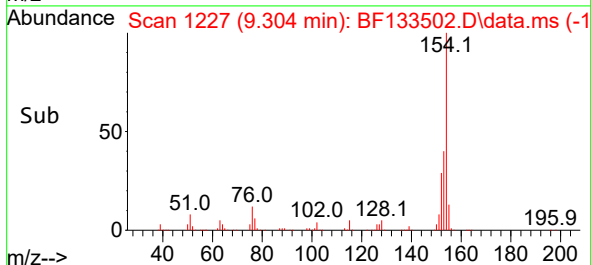
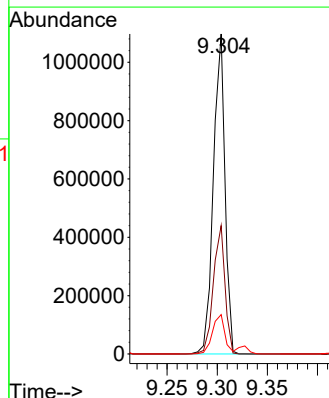
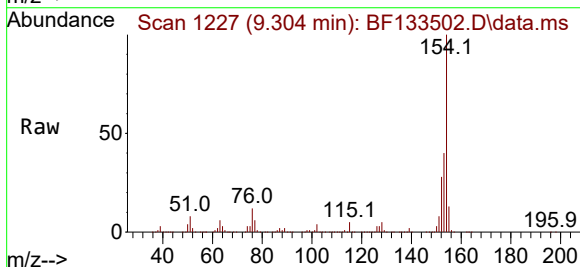
Tgt Ion:154 Resp: 882457

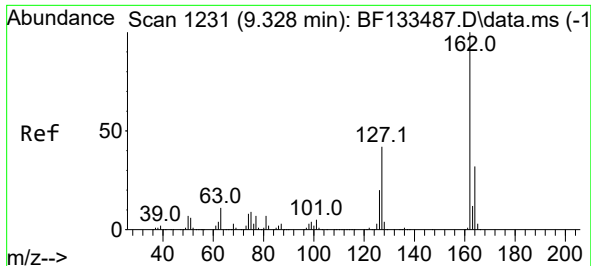
Ion Ratio Lower Upper

154 100

153 40.1 21.0 61.0

76 12.3 0.0 32.5

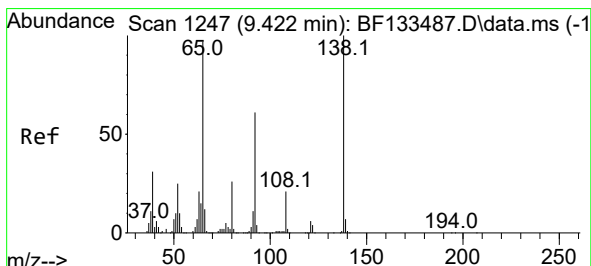
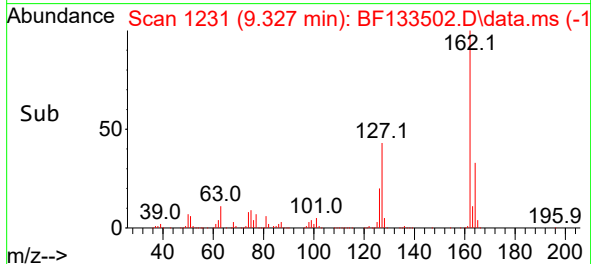
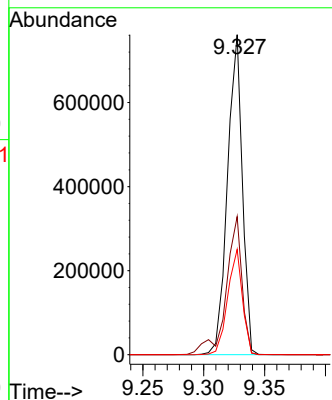
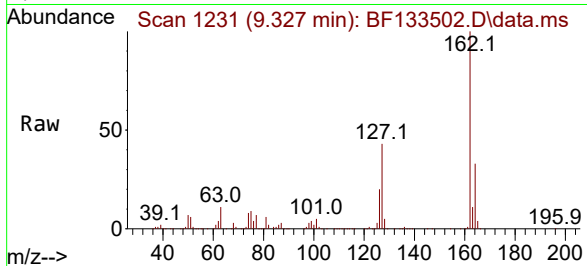




#47
2-Chloronaphthalene
Concen: 46.333 ng
RT: 9.327 min Scan# 1231
Delta R.T. -0.001 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

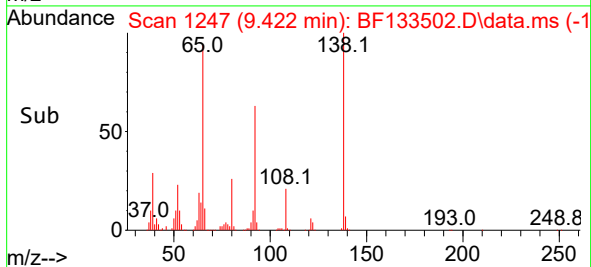
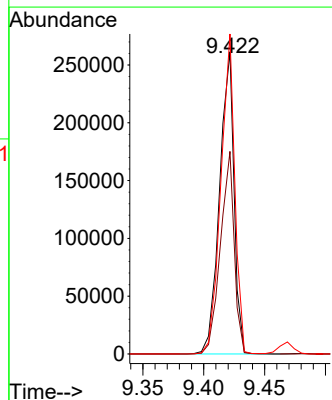
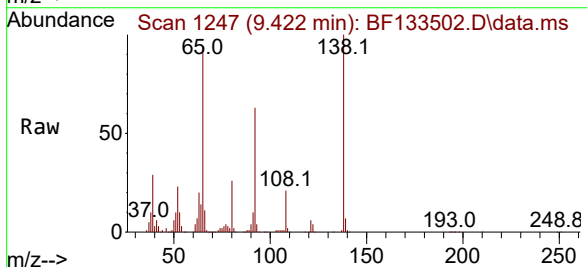
Instrument :
BNA_F
ClientSampleId :
PB153075BS

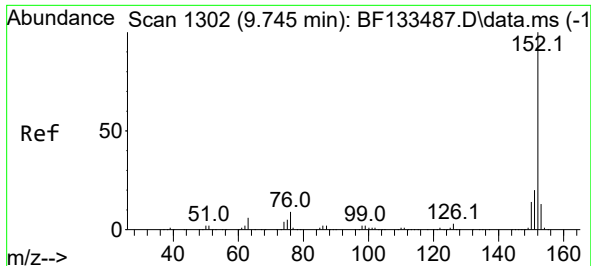
Tgt Ion:162 Resp: 648300
Ion Ratio Lower Upper
162 100
127 43.2 33.2 49.8
164 32.9 26.0 39.0



#48
2-Nitroaniline
Concen: 48.242 ng
RT: 9.422 min Scan# 1247
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Tgt Ion: 65 Resp: 216816
Ion Ratio Lower Upper
65 100
92 67.0 50.8 76.2
138 105.8 82.6 124.0





#49

Acenaphthylene

Concen: 45.731 ng

RT: 9.745 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133502.D

Acq: 26 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

PB153075BS

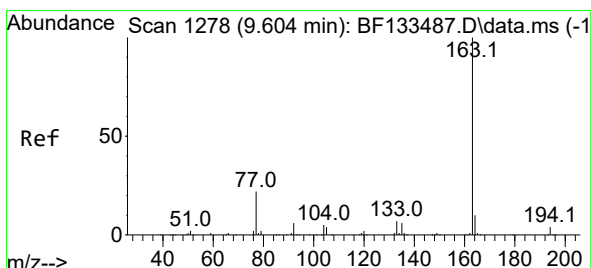
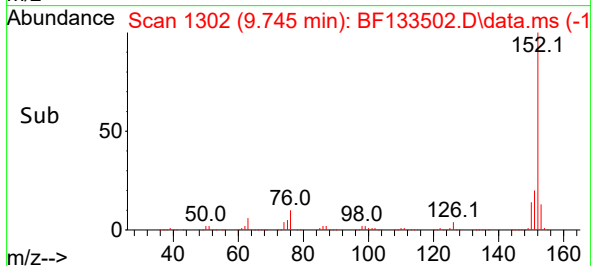
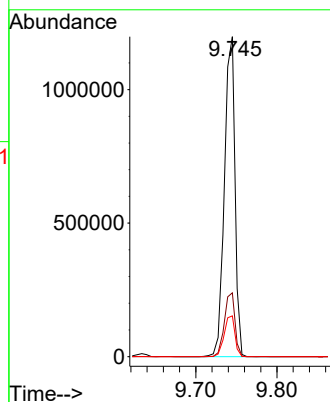
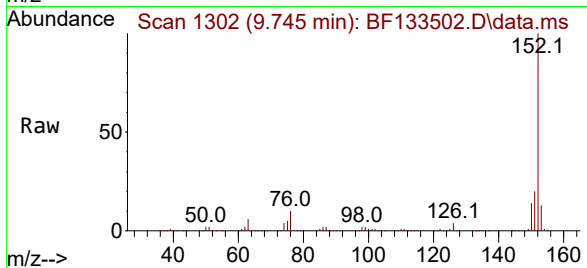
Tgt Ion:152 Resp: 1091958

Ion Ratio Lower Upper

152 100

151 19.9 16.0 24.0

153 12.7 10.4 15.6



#50

Dimethylphthalate

Concen: 45.470 ng

RT: 9.604 min Scan# 1278

Delta R.T. -0.000 min

Lab File: BF133502.D

Acq: 26 May 2023 16:50

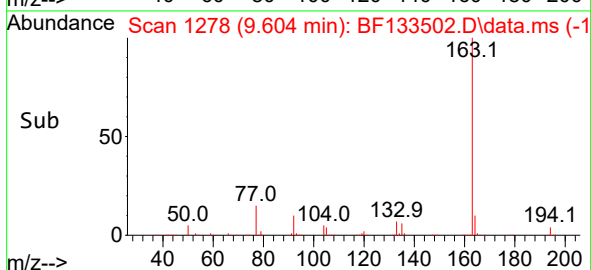
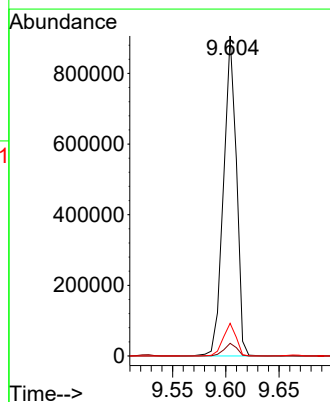
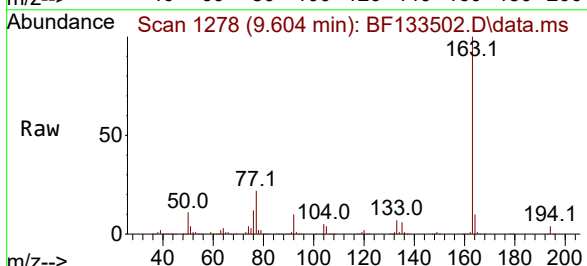
Tgt Ion:163 Resp: 759424

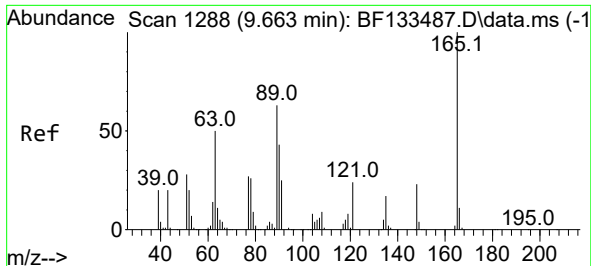
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

164 10.2 8.2 12.2

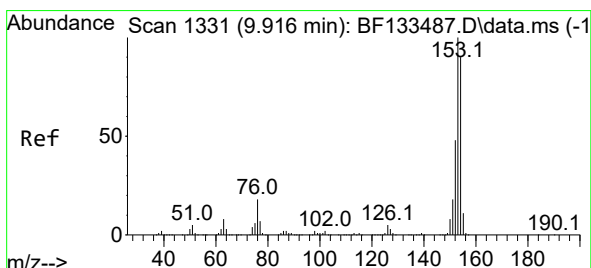
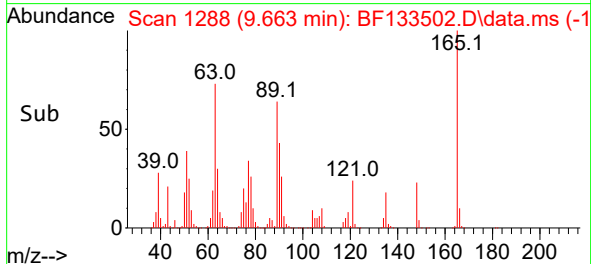
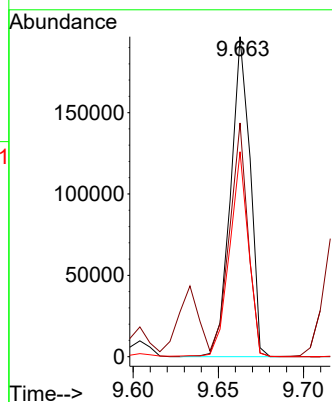
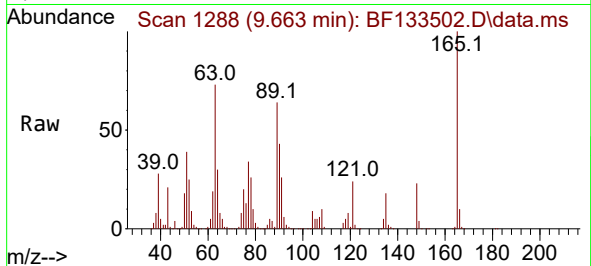




#51
2,6-Dinitrotoluene
Concen: 49.230 ng
RT: 9.663 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

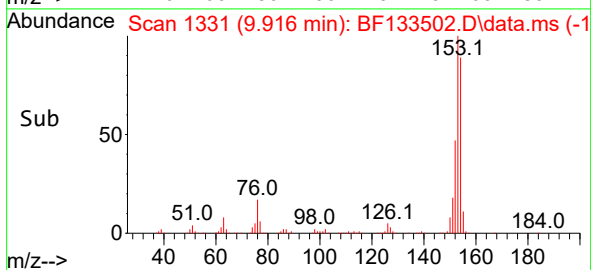
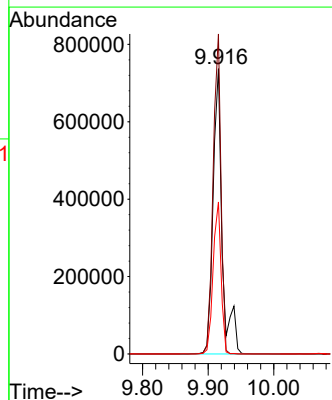
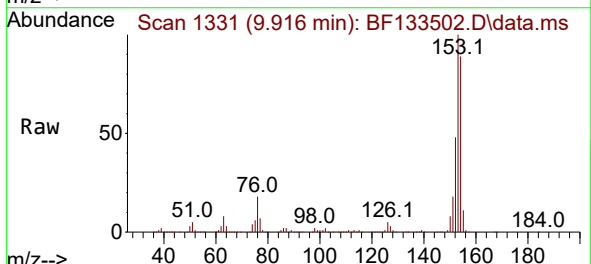
Instrument :
BNA_F
ClientSampleId :
PB153075BS

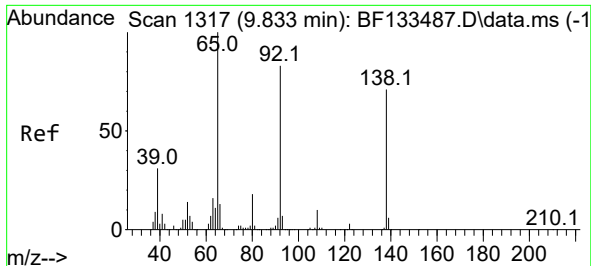
Tgt Ion:165 Resp: 156654
Ion Ratio Lower Upper
165 100
63 73.1 57.0 85.4
89 64.1 50.8 76.2



#52
Acenaphthene
Concen: 49.542 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Tgt Ion:154 Resp: 716582
Ion Ratio Lower Upper
154 100
153 112.2 89.2 133.8
152 53.3 43.1 64.7

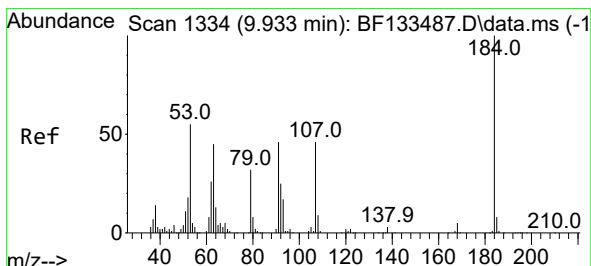
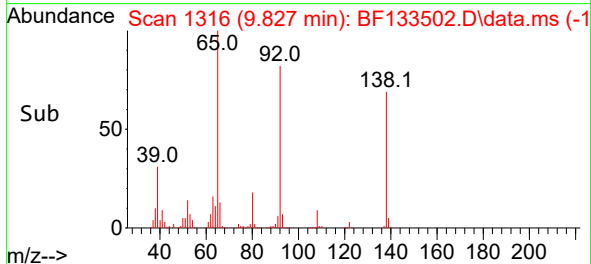
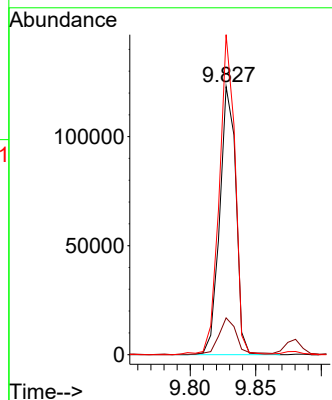
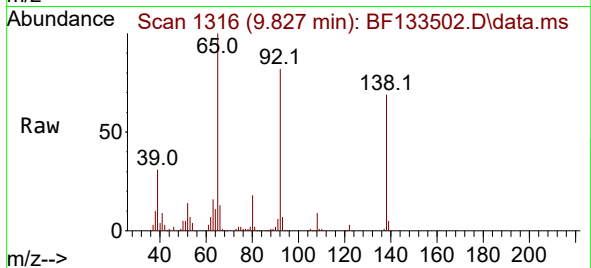




#53
3-Nitroaniline
Concen: 27.831 ng
RT: 9.827 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

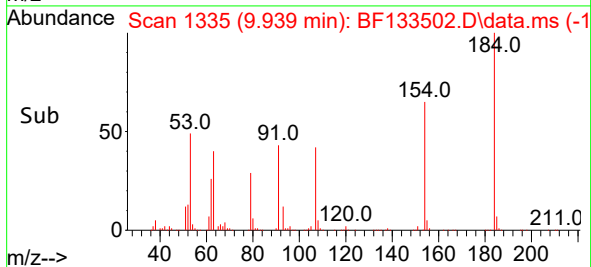
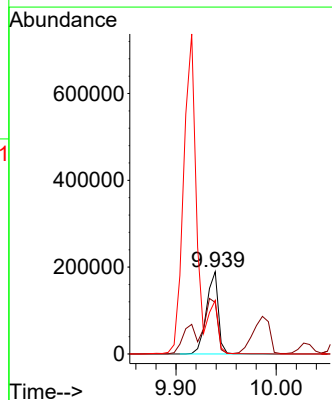
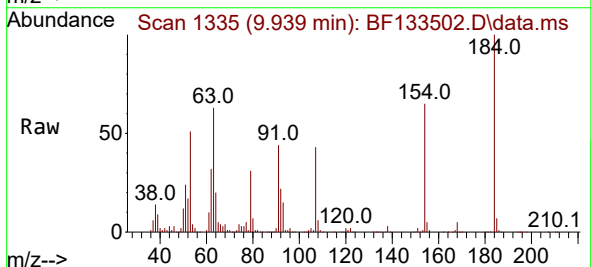
Instrument :
BNA_F
ClientSampleId :
PB153075BS

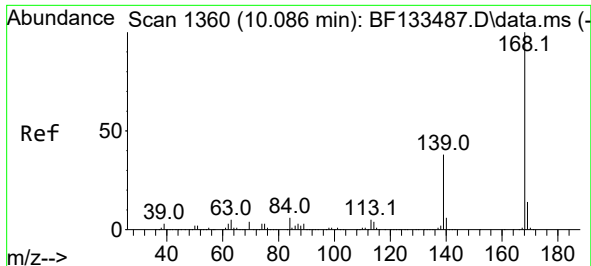
Tgt Ion:138 Resp: 105098
Ion Ratio Lower Upper
138 100
108 13.7 11.9 17.9
92 119.4 93.1 139.7



#54
2,4-Dinitrophenol
Concen: 91.303 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Tgt Ion:184 Resp: 156010
Ion Ratio Lower Upper
184 100
63 62.7 55.7 83.5
154 65.2 49.3 73.9

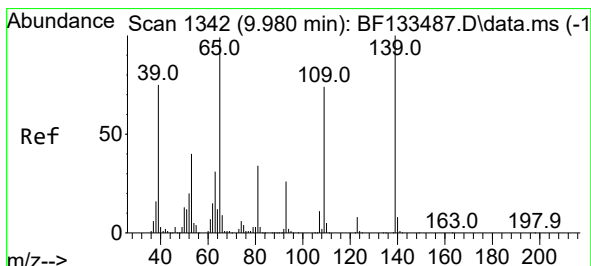
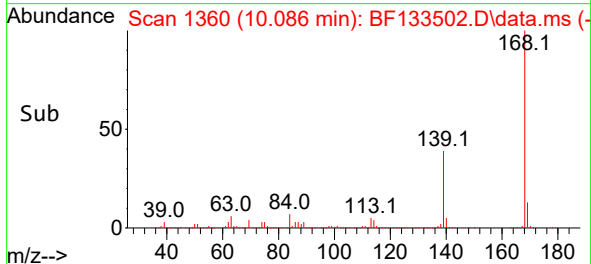
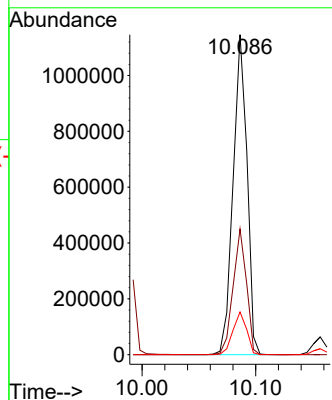
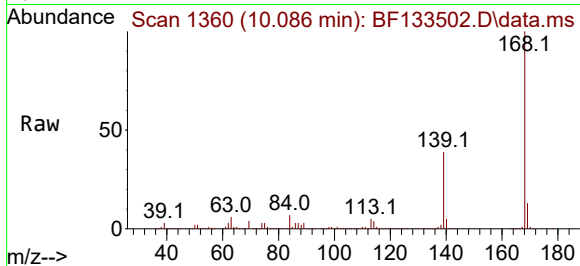




#55
Dibenzofuran
Concen: 45.095 ng
RT: 10.086 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

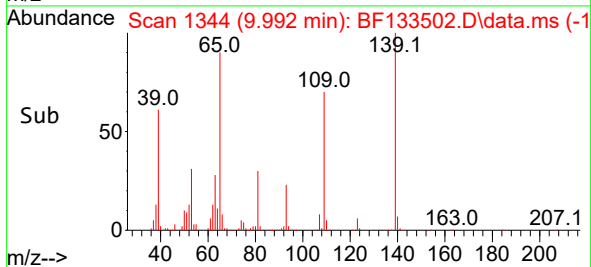
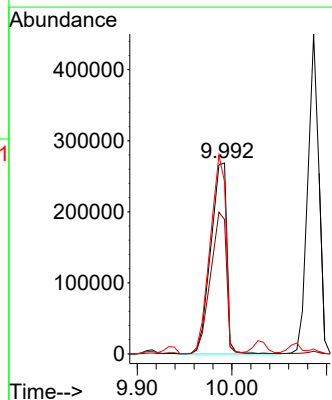
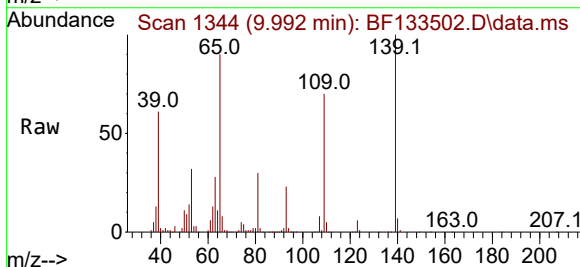
Instrument :
BNA_F
ClientSampleId :
PB153075BS

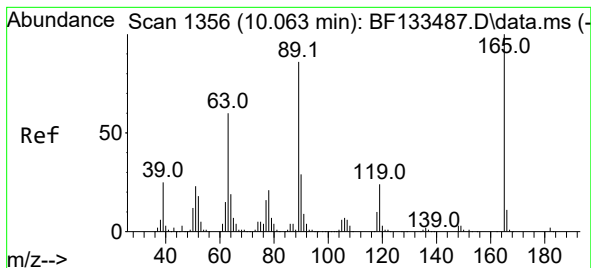
Tgt Ion:168 Resp: 970413
Ion Ratio Lower Upper
168 100
139 39.3 30.6 46.0
169 13.4 10.9 16.3



#56
4-Nitrophenol
Concen: 110.905 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.012 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Tgt Ion:139 Resp: 316906
Ion Ratio Lower Upper
139 100
109 70.4 54.5 94.5
65 90.2 79.5 119.5

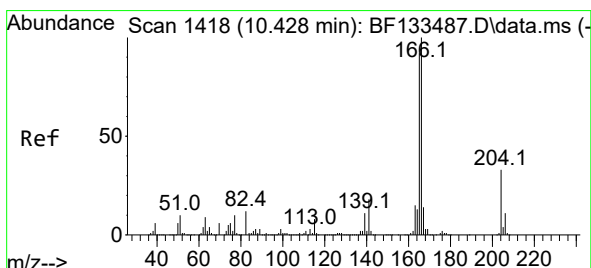
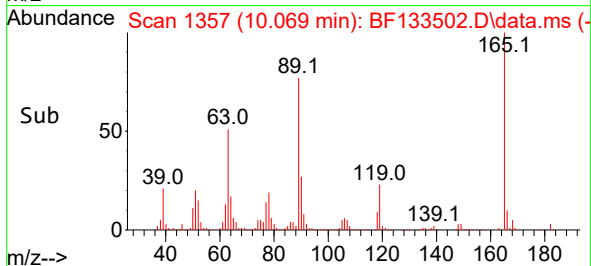
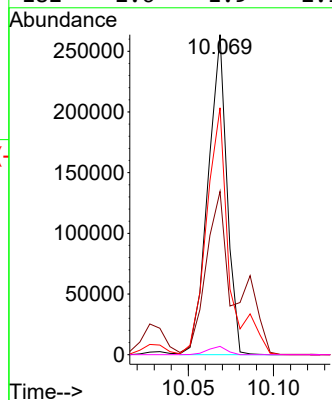
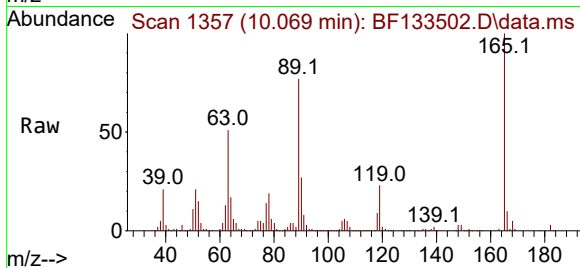




#57
2,4-Dinitrotoluene
Concen: 51.324 ng
RT: 10.069 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

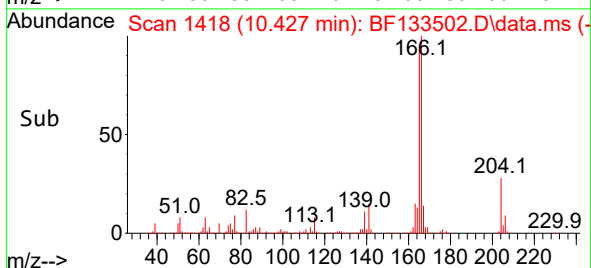
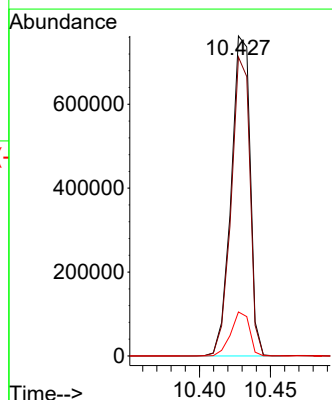
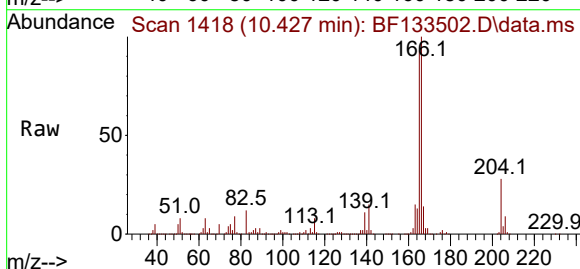
Instrument :
BNA_F
ClientSampleId :
PB153075BS

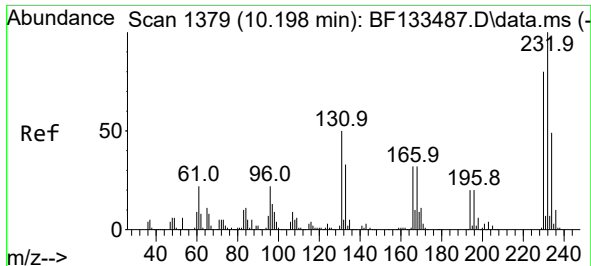
Tgt Ion:165 Resp: 203719
Ion Ratio Lower Upper
165 100
63 51.0 48.1 72.1
89 77.2 68.4 102.6
182 2.6 1.9 2.9



#58
Fluorene
Concen: 44.949 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Tgt Ion:166 Resp: 708676
Ion Ratio Lower Upper
166 100
165 93.4 73.4 110.0
167 13.8 10.9 16.3

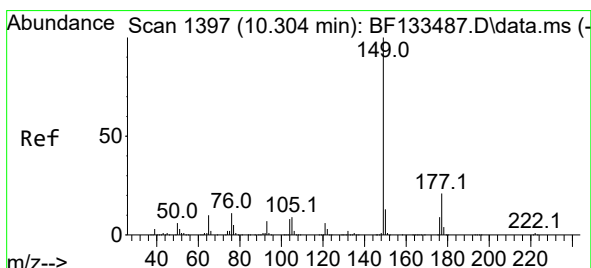
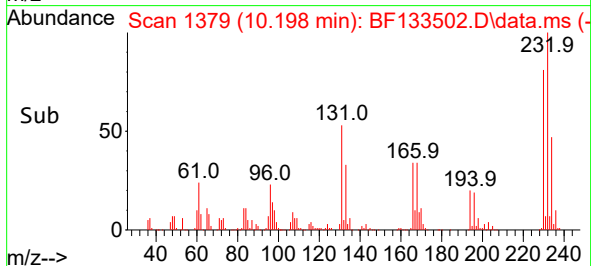
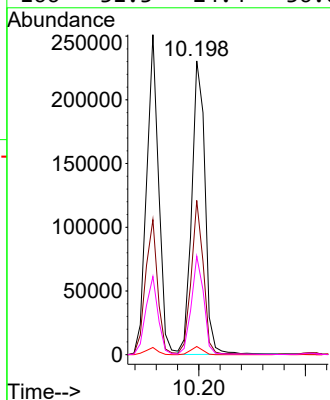
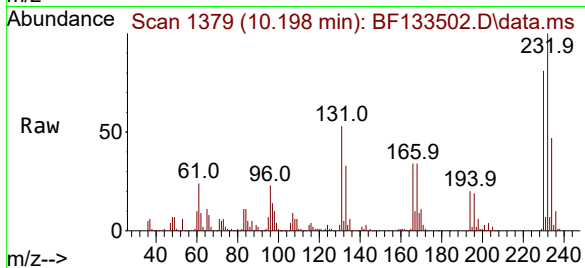




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.719 ng
RT: 10.198 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

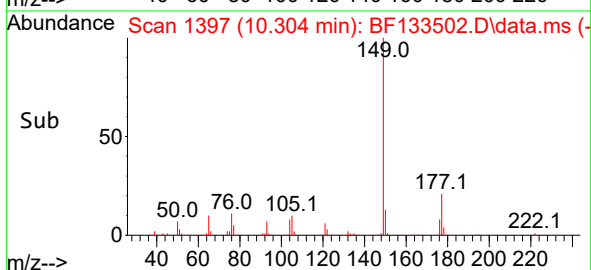
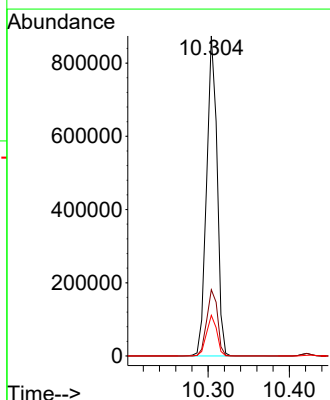
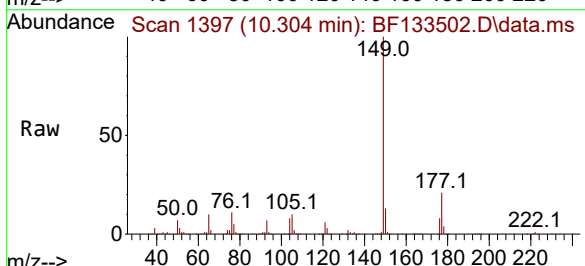
Instrument :
BNA_F
ClientSampleId :
PB153075BS

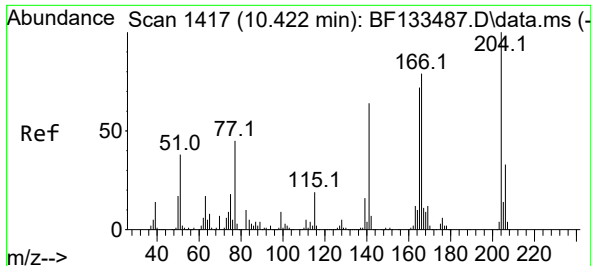
Tgt Ion:232 Resp: 199811
Ion Ratio Lower Upper
232 100
131 48.1 37.9 56.9
130 2.5 1.8 2.6
166 31.3 24.4 36.6



#60
Diethylphthalate
Concen: 45.060 ng
RT: 10.304 min Scan# 1397
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Tgt Ion:149 Resp: 781249
Ion Ratio Lower Upper
149 100
177 20.7 17.1 25.7
150 12.7 10.2 15.2

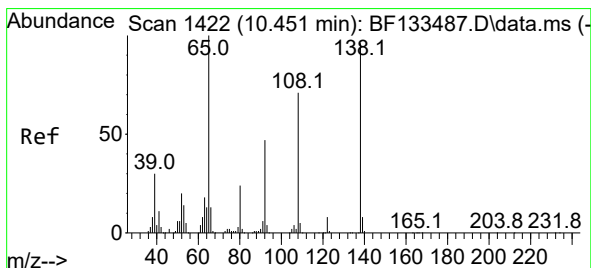
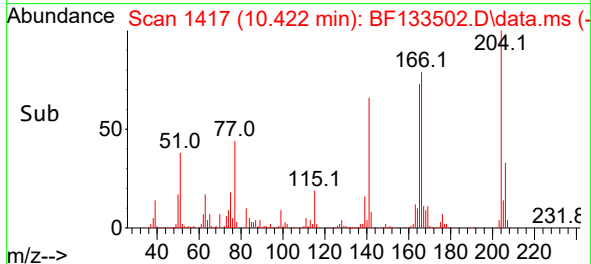
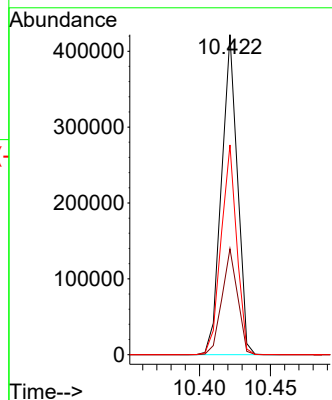
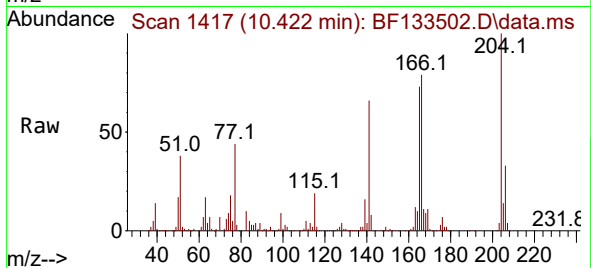




#61
4-Chlorophenyl-phenylether
Concen: 43.277 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.001 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

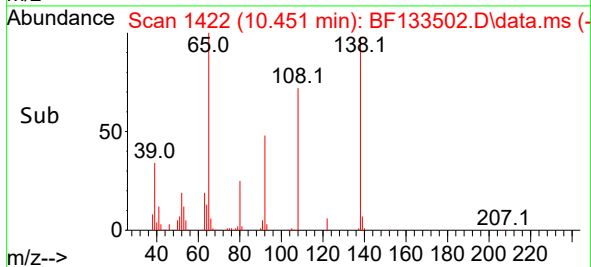
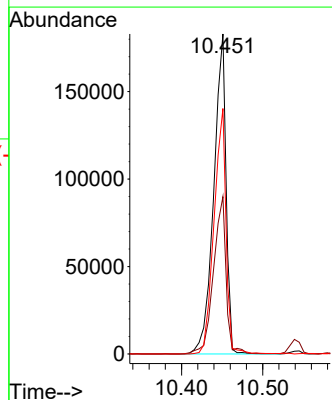
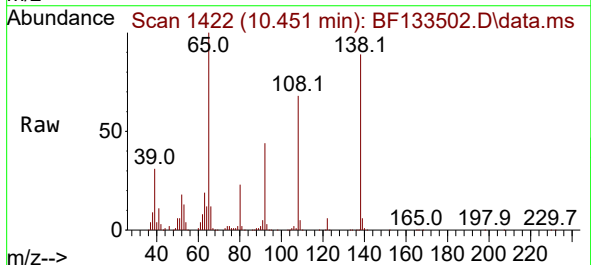
Instrument :
BNA_F
ClientSampleId :
PB153075BS

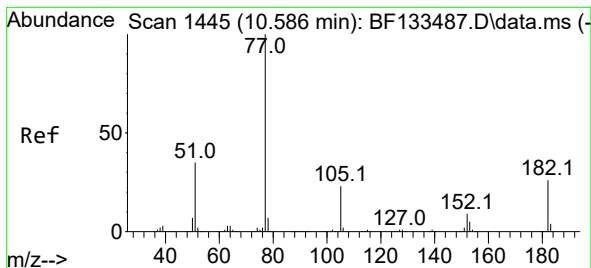
Tgt Ion:204 Resp: 327622
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.2
141 65.5 51.4 77.2



#62
4-Nitroaniline
Concen: 47.977 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Tgt Ion:138 Resp: 192456
Ion Ratio Lower Upper
138 100
92 49.1 28.4 68.4
108 76.7 54.2 94.2

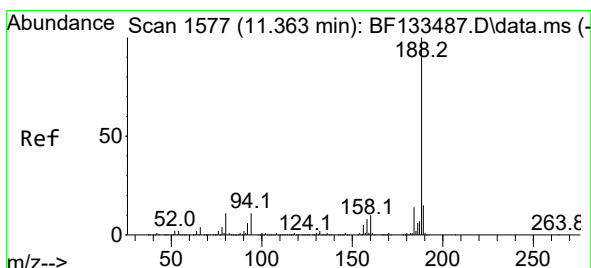
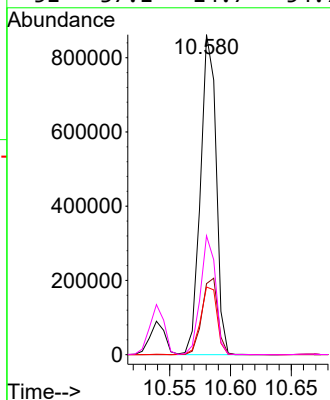
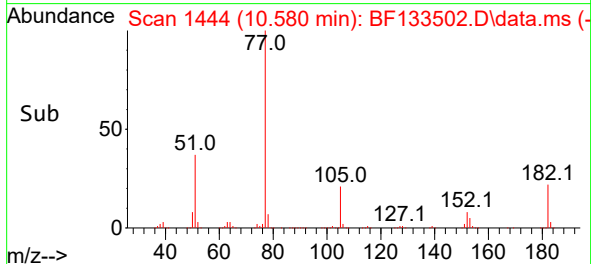
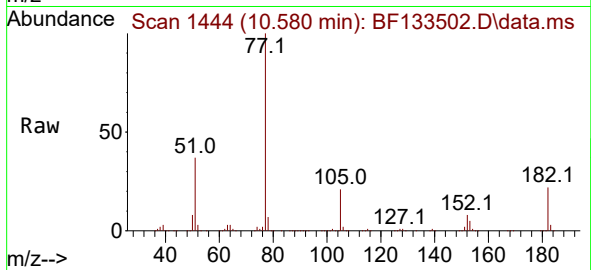




#63
Azobenzene
Concen: 44.390 ng
RT: 10.580 min Scan# 1445
Delta R.T. -0.006 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

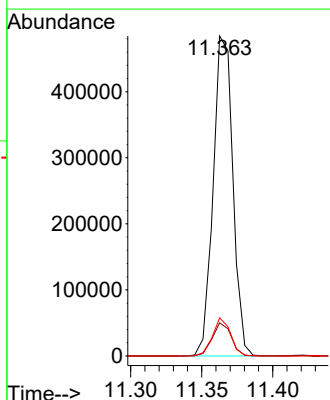
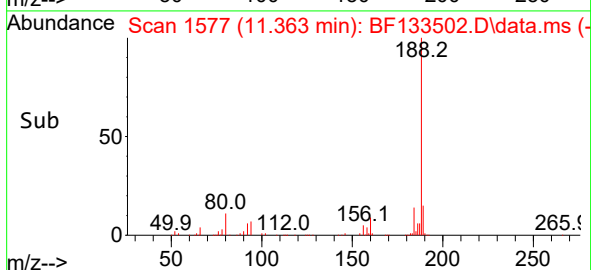
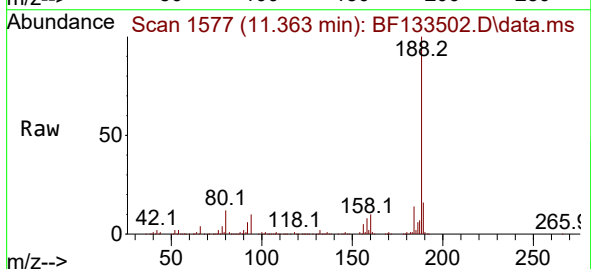
Instrument :
BNA_F
ClientSampleId :
PB153075BS

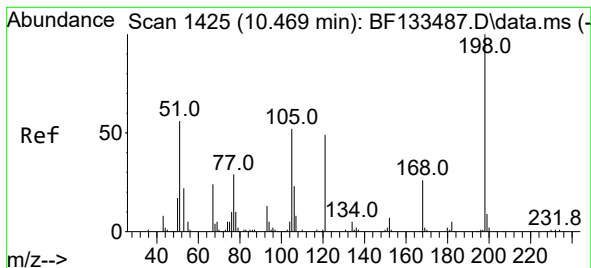
Tgt Ion: 77	Resp: 770389
Ion Ratio	Lower Upper
77 100	
182 22.2	5.6 45.6
105 21.1	2.6 42.6
51 37.1	14.7 54.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Tgt Ion:188	Resp: 467174
Ion Ratio	Lower Upper
188 100	
94 10.4	8.6 12.8
80 11.9	9.2 13.8

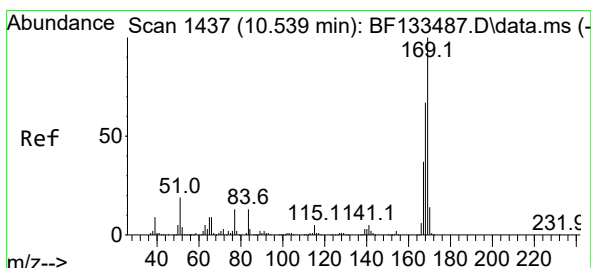
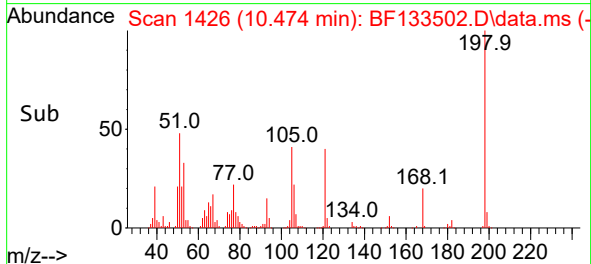
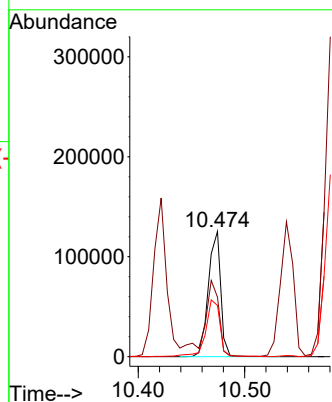
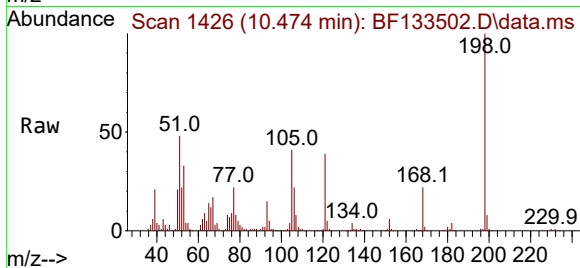




#65
4,6-Dinitro-2-methylphenol
Concen: 52.200 ng
RT: 10.474 min Scan# 1425
Delta R.T. 0.005 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

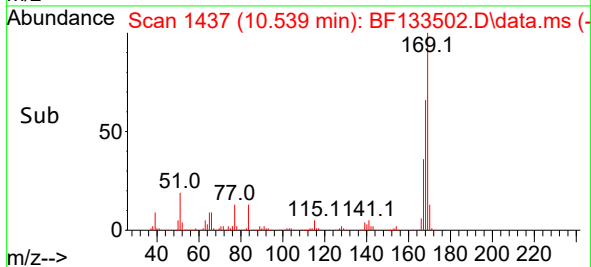
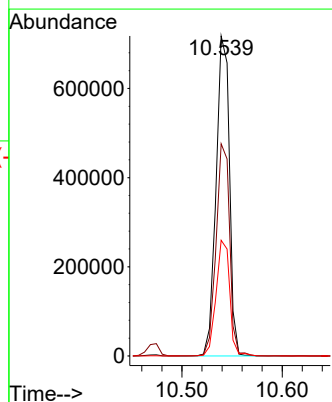
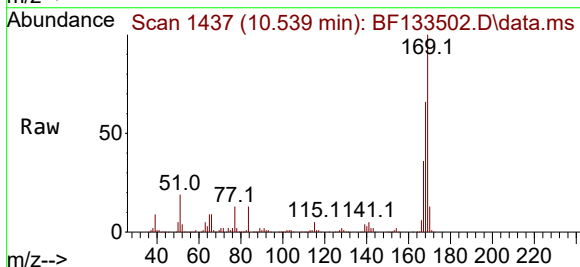
Instrument :
BNA_F
ClientSampleId :
PB153075BS

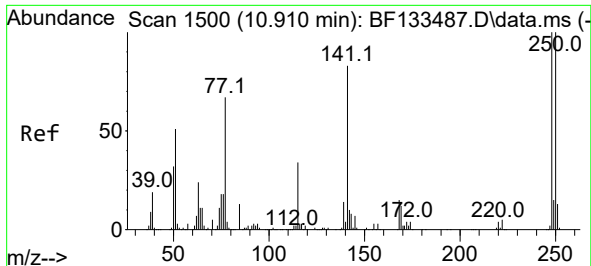
Tgt Ion:198 Resp: 101505
Ion Ratio Lower Upper
198 100
51 47.6 53.6 93.6#
105 40.9 35.9 75.9



#66
n-Nitrosodiphenylamine
Concen: 43.728 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Tgt Ion:169 Resp: 663225
Ion Ratio Lower Upper
169 100
168 66.3 53.7 80.5
167 36.1 29.6 44.4

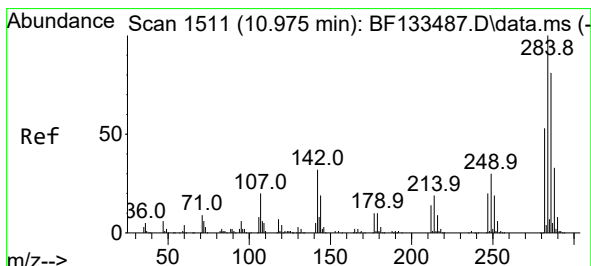
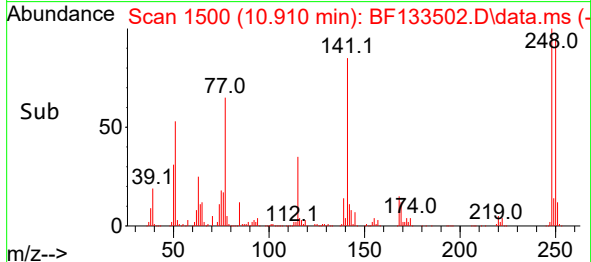
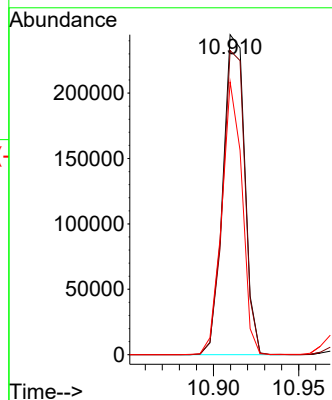
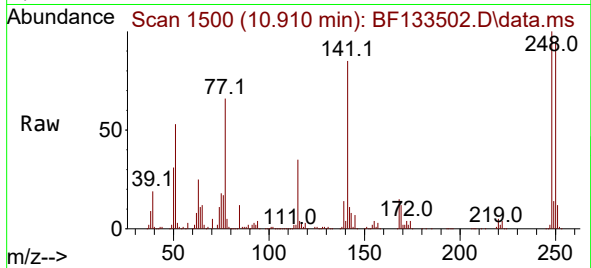




#67
4-Bromophenyl-phenylether
Concen: 44.154 ng
RT: 10.910 min Scan# 1500
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

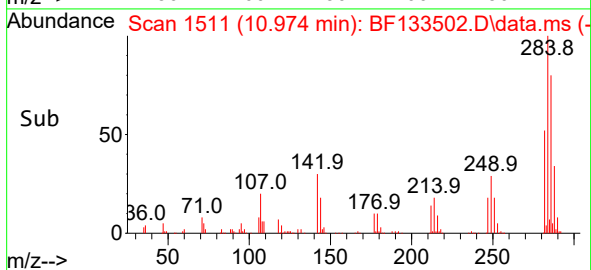
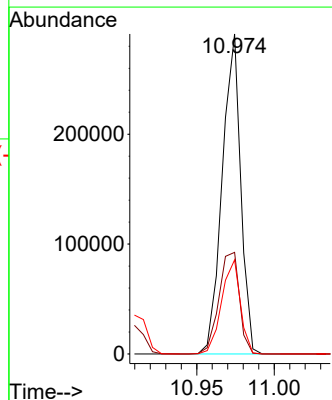
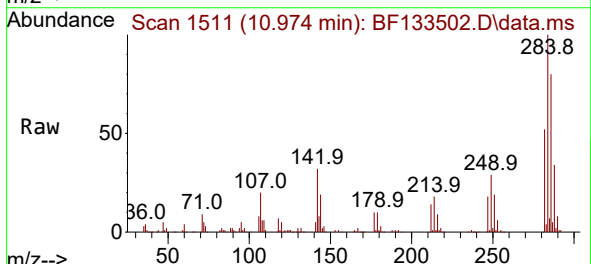
Instrument :
BNA_F
ClientSampleId :
PB153075BS

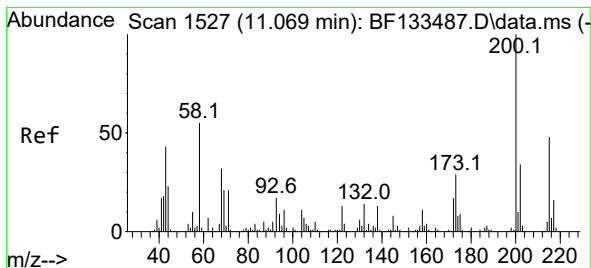
Tgt Ion:248 Resp: 219065
Ion Ratio Lower Upper
248 100
250 95.1 79.7 119.5
141 85.3 66.6 100.0



#68
Hexachlorobenzene
Concen: 46.484 ng
RT: 10.974 min Scan# 1511
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Tgt Ion:284 Resp: 241173
Ion Ratio Lower Upper
284 100
142 31.8 25.8 38.6
249 29.4 24.4 36.6





#69

Atrazine

Concen: 52.929 ng

RT: 11.069 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133502.D

Acq: 26 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

PB153075BS

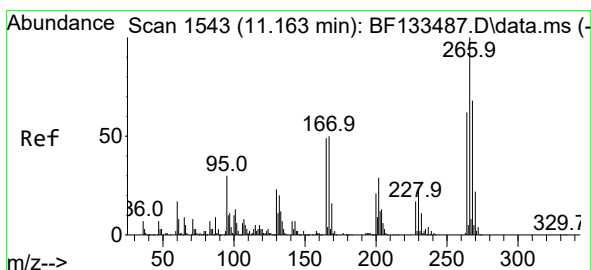
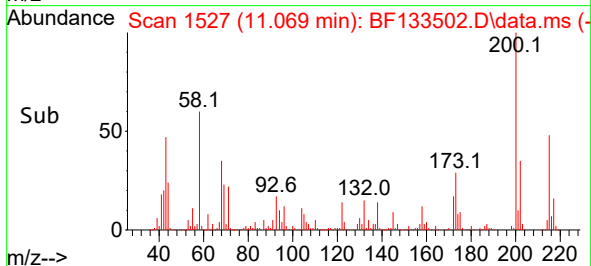
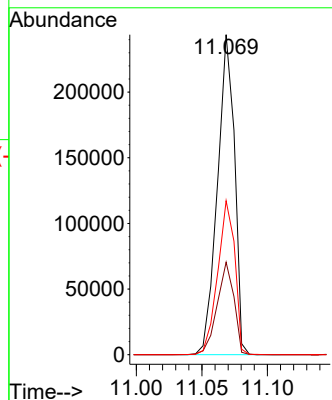
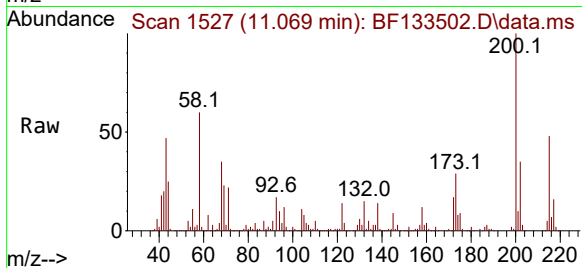
Tgt Ion:200 Resp: 220262

Ion Ratio Lower Upper

200 100

173 28.9 9.0 49.0

215 48.1 27.6 67.6



#70

Pentachlorophenol

Concen: 88.871 ng

RT: 11.169 min Scan# 1544

Delta R.T. 0.006 min

Lab File: BF133502.D

Acq: 26 May 2023 16:50

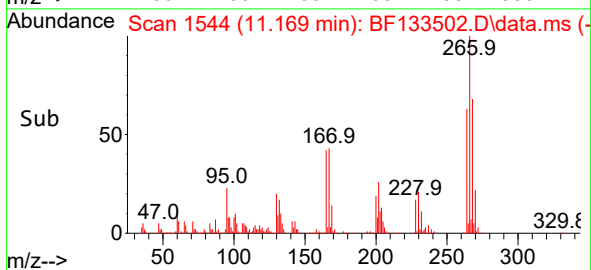
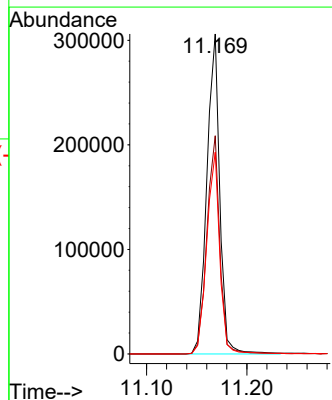
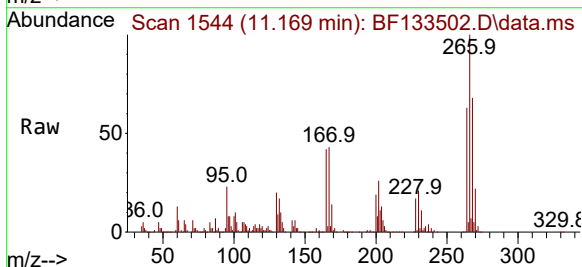
Tgt Ion:266 Resp: 275701

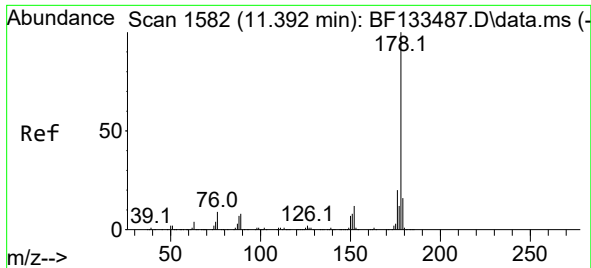
Ion Ratio Lower Upper

266 100

268 68.2 54.6 82.0

264 63.0 49.2 73.8

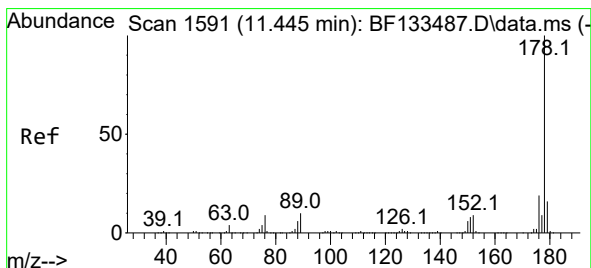
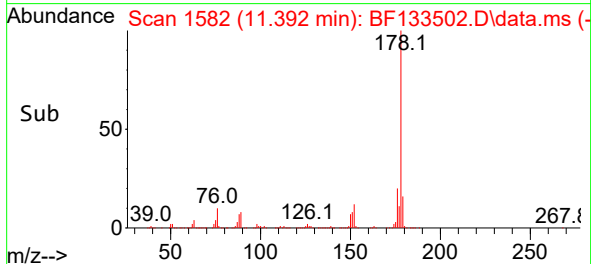
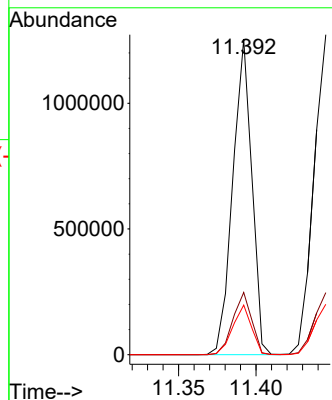
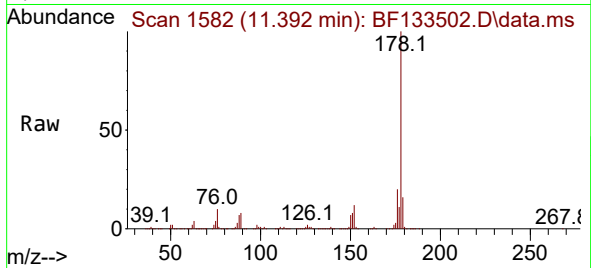




#71
Phenanthrene
Concen: 45.275 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

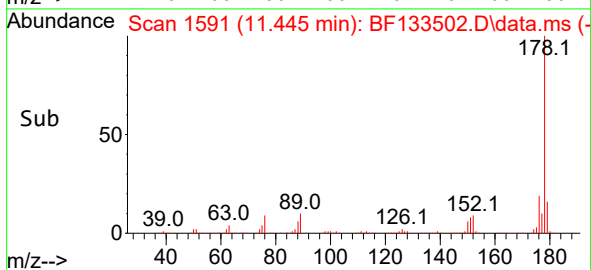
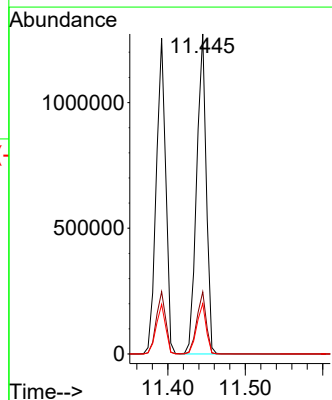
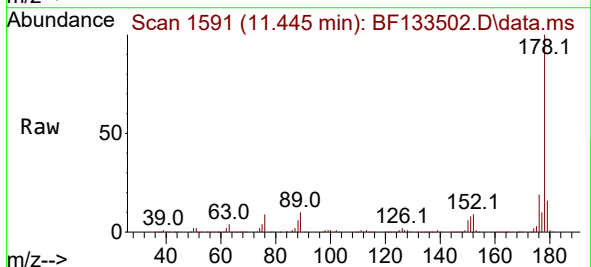
Instrument :
BNA_F
ClientSampleId :
PB153075BS

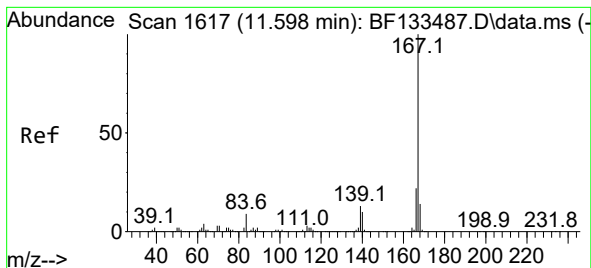
Tgt Ion:178 Resp: 1071304
Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 15.7 12.4 18.6



#72
Anthracene
Concen: 45.013 ng
RT: 11.445 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Tgt Ion:178 Resp: 1096194
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 15.7 12.6 18.8





#73

Carbazole

Concen: 46.529 ng

RT: 11.598 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF133502.D

Acq: 26 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

PB153075BS

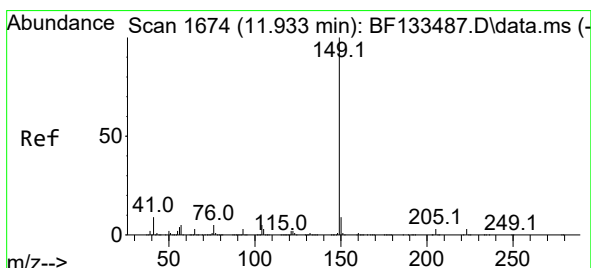
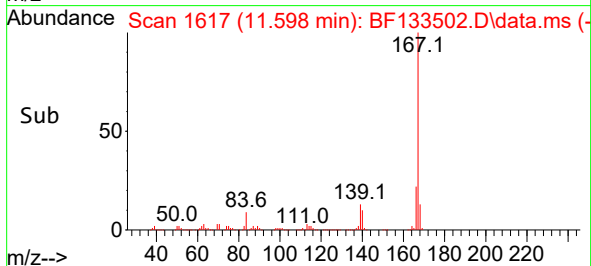
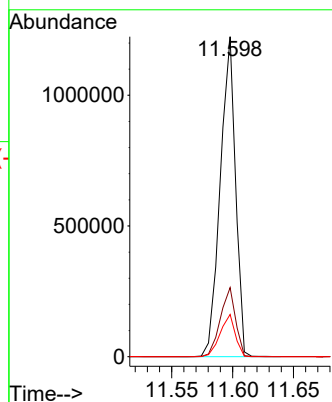
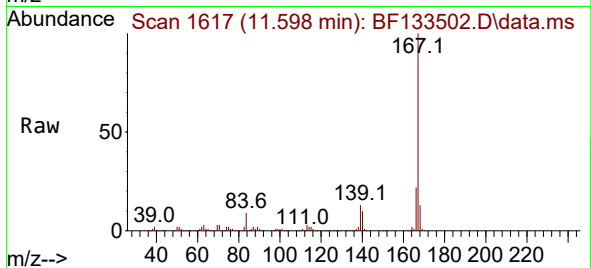
Tgt Ion:167 Resp: 1071595

Ion Ratio Lower Upper

167 100

166 21.6 17.3 25.9

139 13.2 10.7 16.1



#74

Di-n-butylphthalate

Concen: 44.831 ng

RT: 11.933 min Scan# 1674

Delta R.T. -0.000 min

Lab File: BF133502.D

Acq: 26 May 2023 16:50

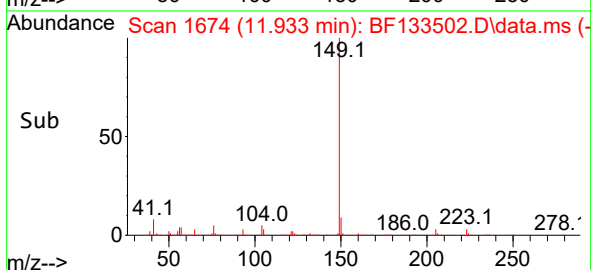
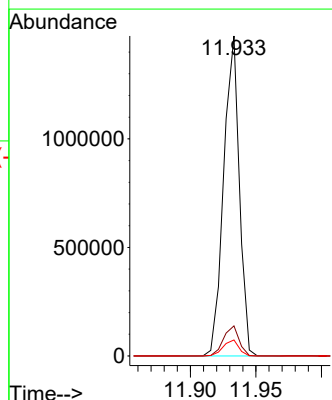
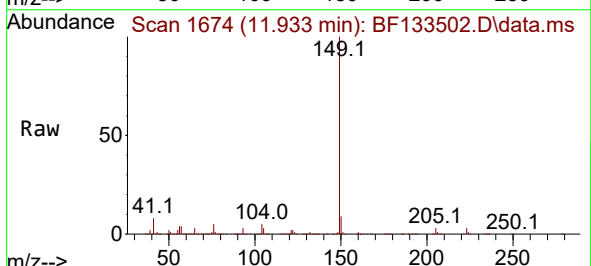
Tgt Ion:149 Resp: 1220883

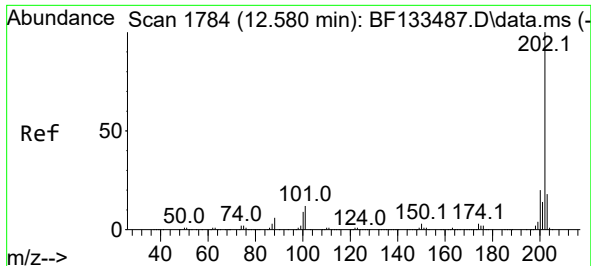
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

104 5.0 3.9 5.9

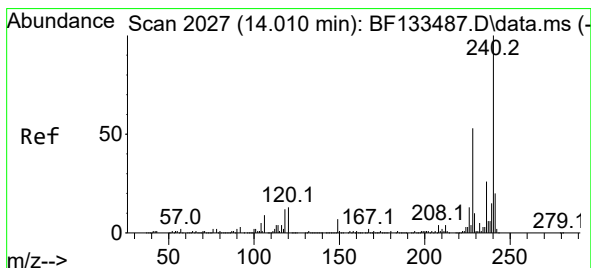
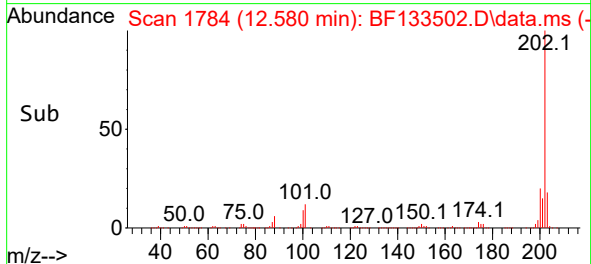
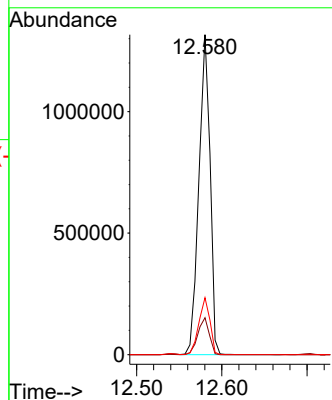
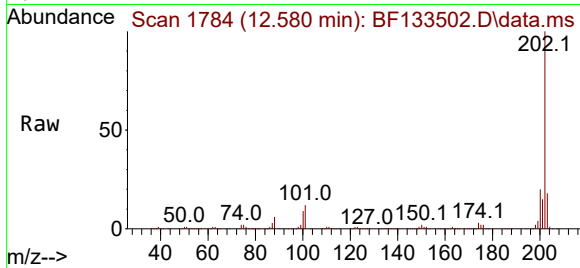




#75
Fluoranthene
Concen: 45.899 ng
RT: 12.580 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

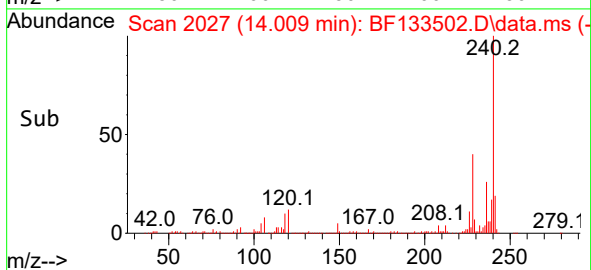
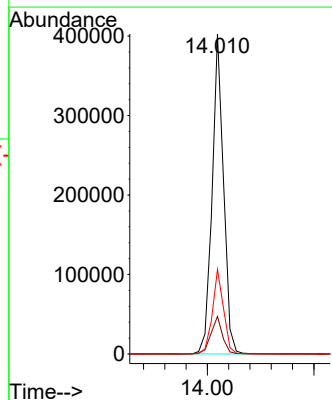
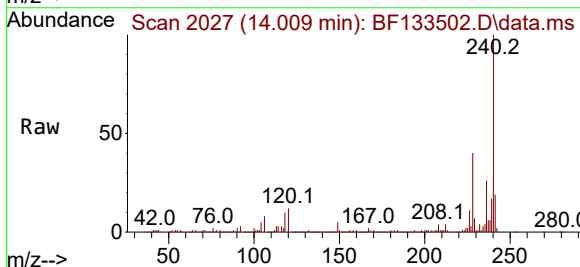
Instrument :
BNA_F
ClientSampleId :
PB153075BS

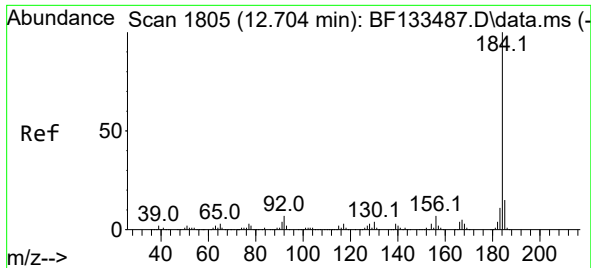
Tgt Ion:202 Resp: 1199631
Ion Ratio Lower Upper
202 100
101 11.6 0.0 32.2
203 17.8 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.009 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Tgt Ion:240 Resp: 299951
Ion Ratio Lower Upper
240 100
120 11.8 10.3 15.5
236 26.4 20.5 30.7

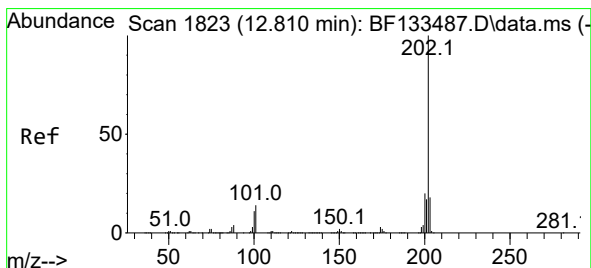
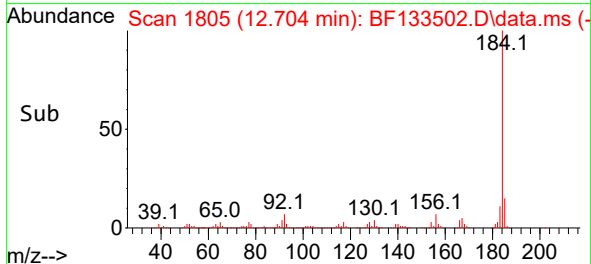
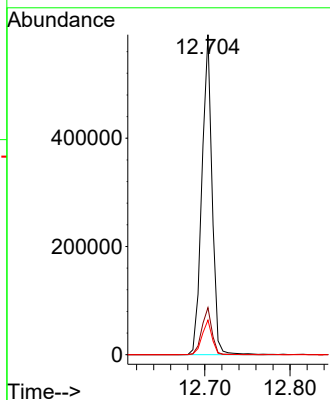
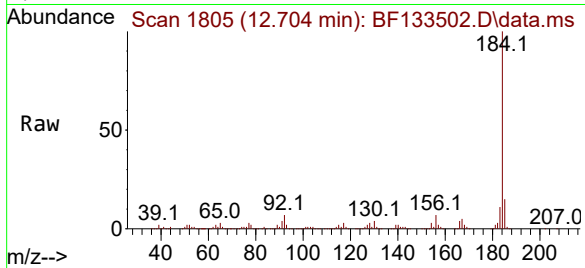




#77
Benzidine
Concen: 55.868 ng
RT: 12.704 min Scan# 1805
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

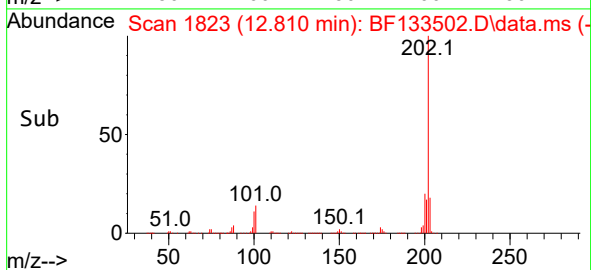
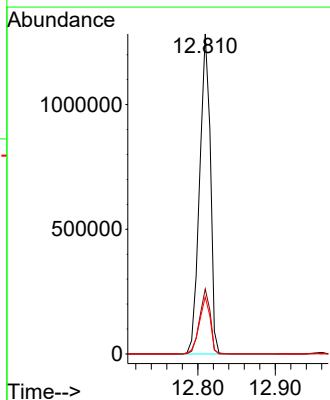
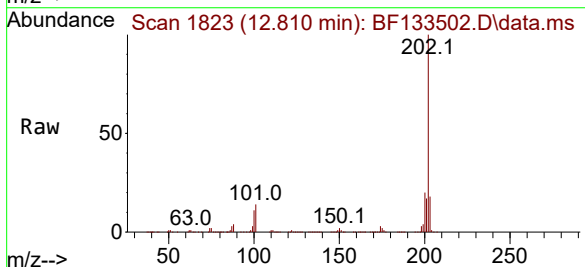
Instrument :
BNA_F
ClientSampleId :
PB153075BS

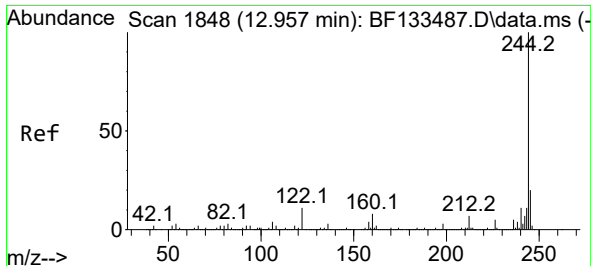
Tgt Ion:184 Resp: 490121
Ion Ratio Lower Upper
184 100
185 14.7 12.2 18.2
183 10.8 8.7 13.1



#78
Pyrene
Concen: 48.246 ng
RT: 12.810 min Scan# 1823
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

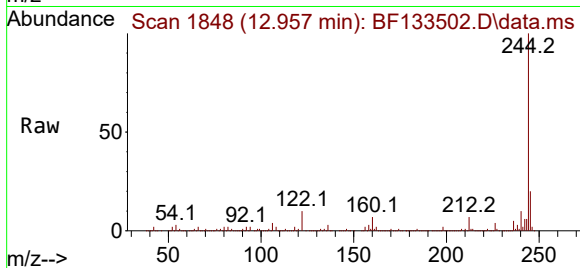
Tgt Ion:202 Resp: 1231452
Ion Ratio Lower Upper
202 100
200 20.3 16.3 24.5
203 17.8 14.3 21.5



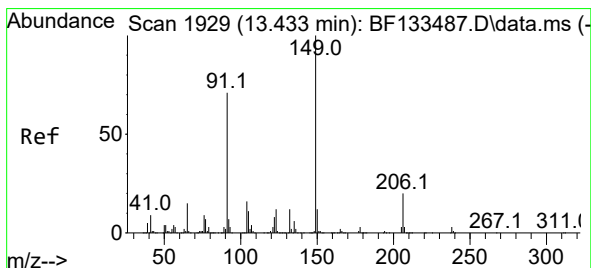
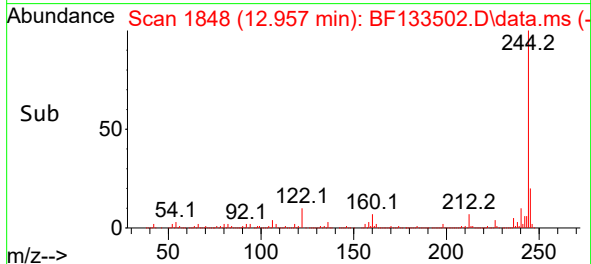
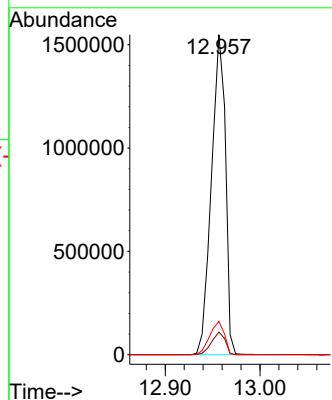


#79
 Terphenyl-d14
 Concen: 94.102 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.000 min
 Lab File: BF133502.D
 Acq: 26 May 2023 16:50

Instrument :
 BNA_F
 ClientSampleId :
 PB153075BS

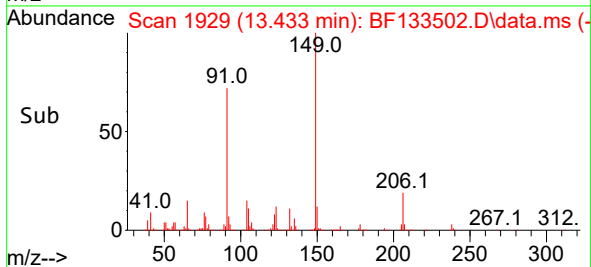
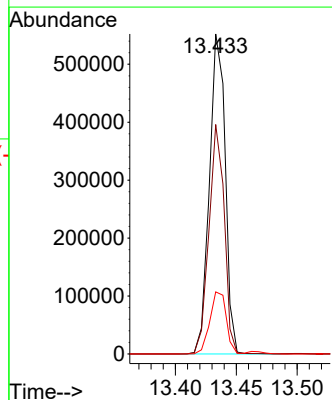
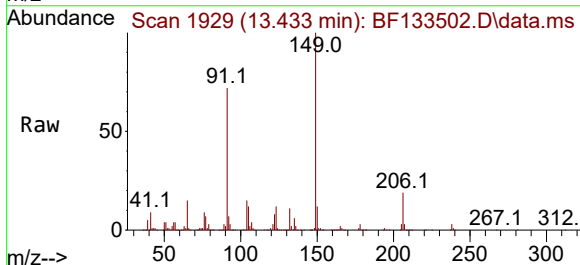


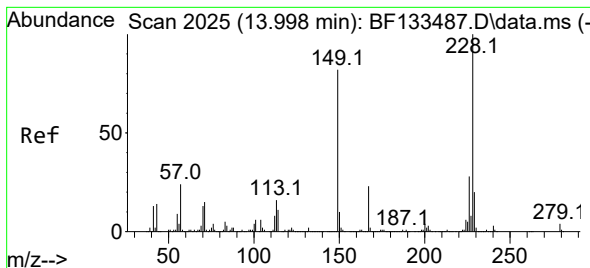
Tgt Ion:244 Resp: 1587532
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 10.4 8.5 12.7



#80
 Butylbenzylphthalate
 Concen: 49.570 ng
 RT: 13.433 min Scan# 1929
 Delta R.T. -0.000 min
 Lab File: BF133502.D
 Acq: 26 May 2023 16:50

Tgt Ion:149 Resp: 500607
 Ion Ratio Lower Upper
 149 100
 91 71.7 56.9 85.3
 206 19.4 15.7 23.5





#81

Benzo(a)anthracene

Concen: 45.362 ng

RT: 13.998 min Scan# 2025

Delta R.T. -0.000 min

Lab File: BF133502.D

Acq: 26 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

PB153075BS

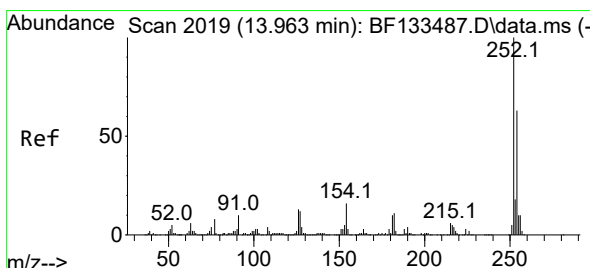
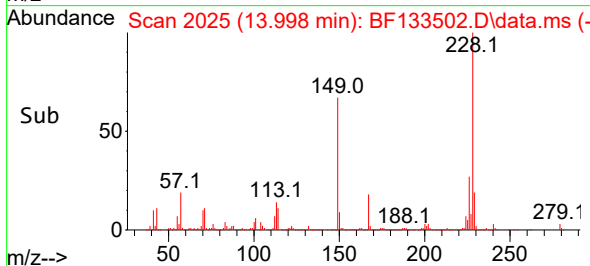
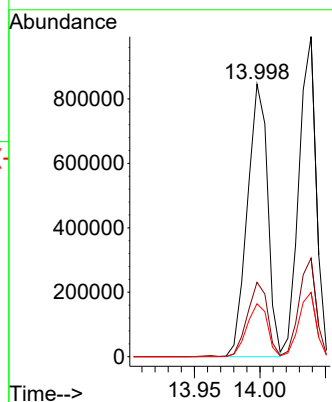
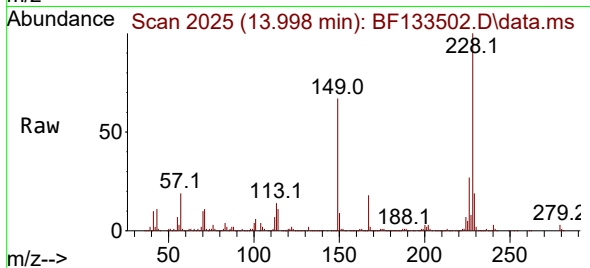
Tgt Ion:228 Resp: 906418

Ion Ratio Lower Upper

228 100

226 27.3 22.3 33.5

229 19.4 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 25.175 ng

RT: 13.962 min Scan# 2019

Delta R.T. -0.000 min

Lab File: BF133502.D

Acq: 26 May 2023 16:50

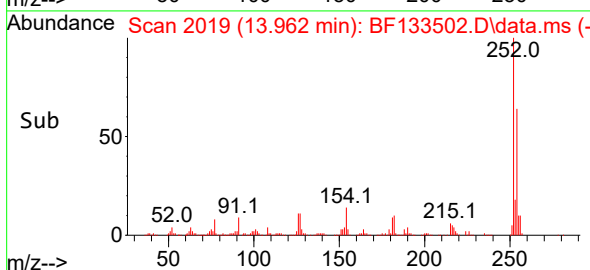
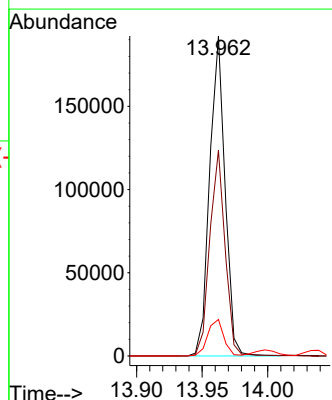
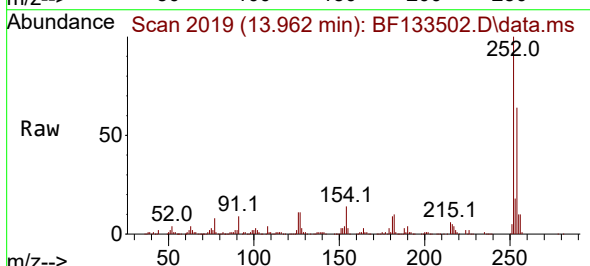
Tgt Ion:252 Resp: 157253

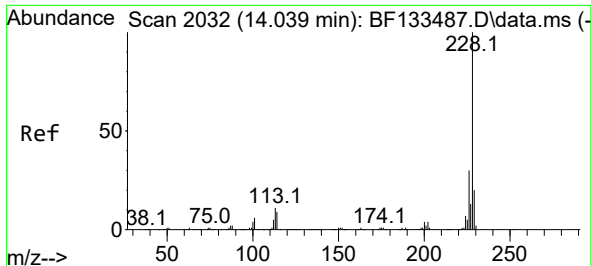
Ion Ratio Lower Upper

252 100

254 64.3 50.3 75.5

126 11.4 10.5 15.7





#83

Chrysene

Concen: 44.938 ng

RT: 14.039 min Scan# 2032

Delta R.T. -0.000 min

Lab File: BF133502.D

Acq: 26 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

PB153075BS

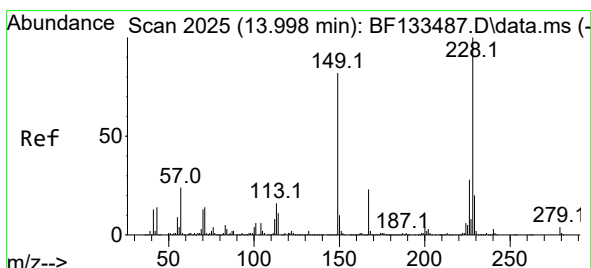
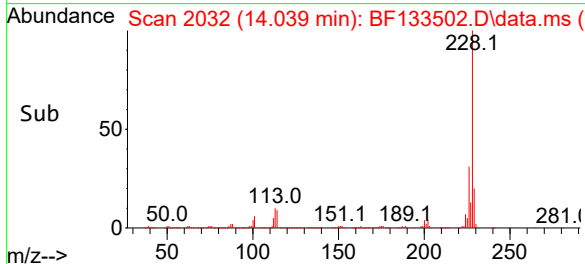
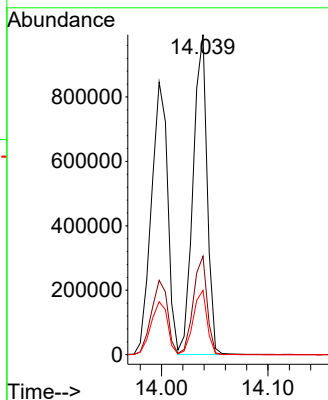
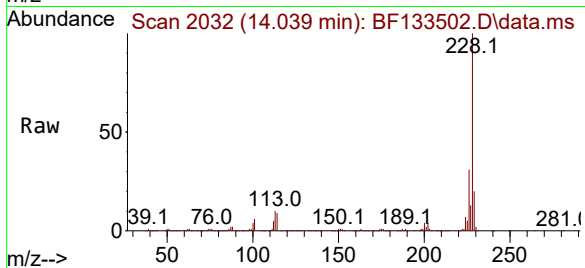
Tgt Ion:228 Resp: 906478

Ion Ratio Lower Upper

228 100

226 30.8 24.1 36.1

229 20.1 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.031 ng

RT: 13.992 min Scan# 2024

Delta R.T. -0.006 min

Lab File: BF133502.D

Acq: 26 May 2023 16:50

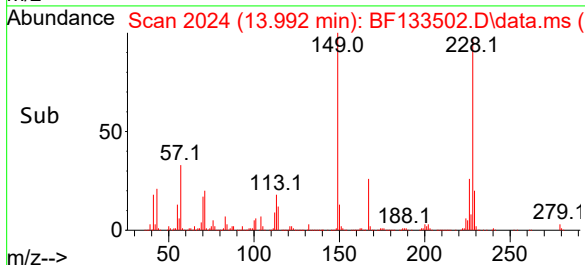
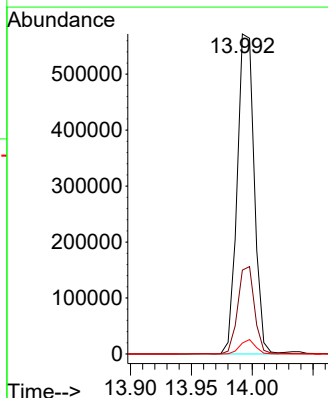
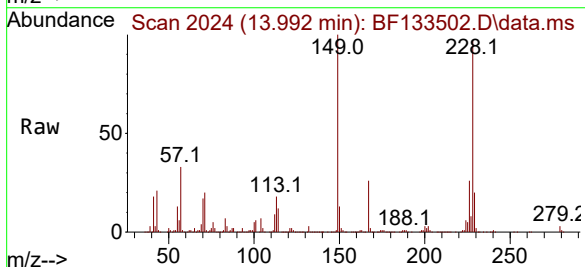
Tgt Ion:149 Resp: 555827

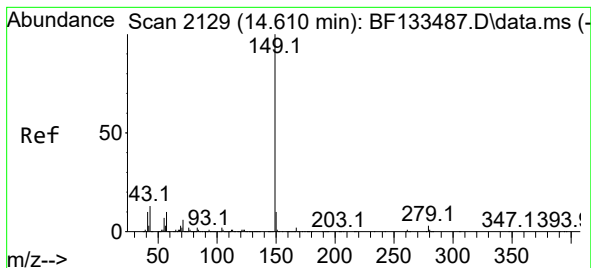
Ion Ratio Lower Upper

149 100

167 26.2 22.0 33.0

279 3.4 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 42.555 ng

RT: 14.609 min Scan# 2129

Delta R.T. -0.000 min

Lab File: BF133502.D

Acq: 26 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

PB153075BS

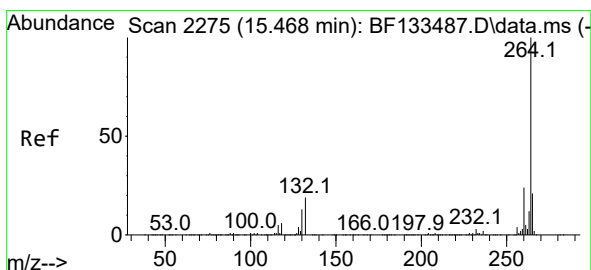
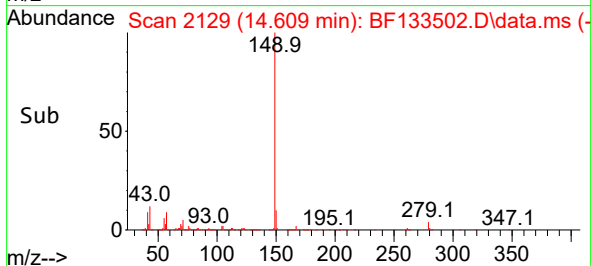
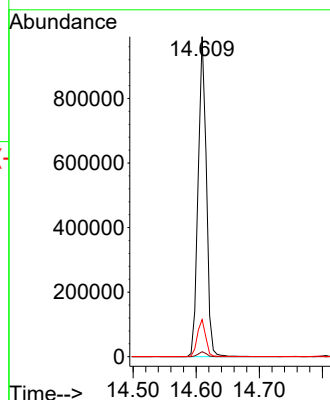
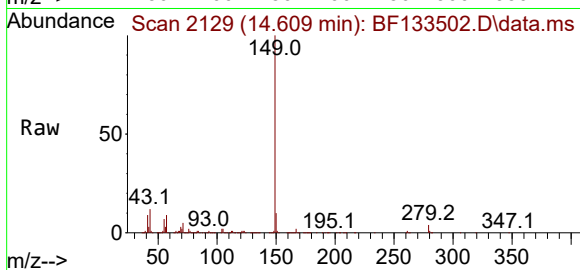
Tgt Ion:149 Resp: 894864

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.7 10.0 15.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 2274

Delta R.T. -0.006 min

Lab File: BF133502.D

Acq: 26 May 2023 16:50

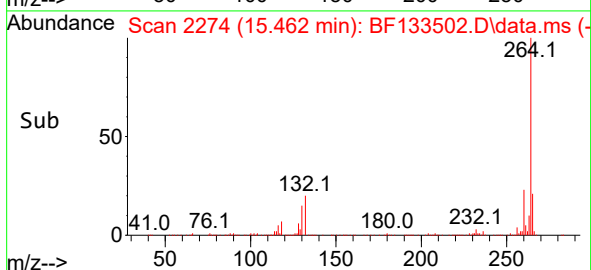
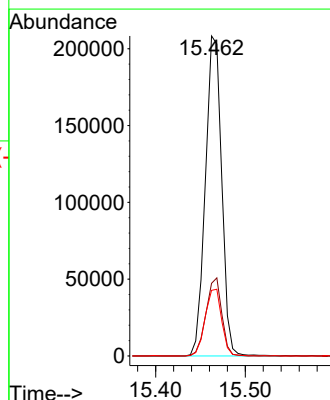
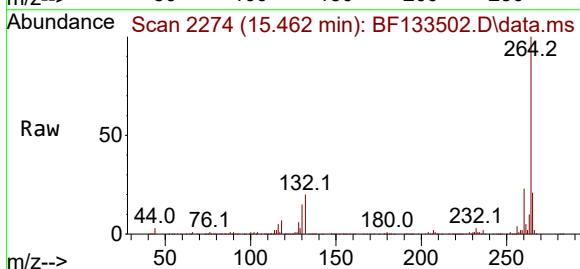
Tgt Ion:264 Resp: 262990

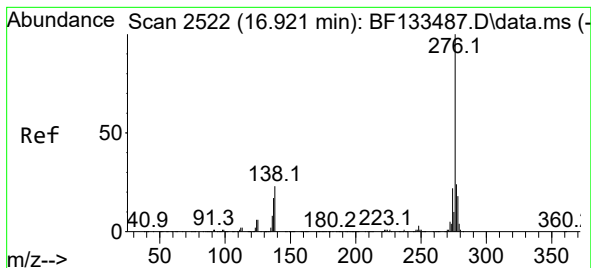
Ion Ratio Lower Upper

264 100

260 22.7 19.0 28.4

265 20.5 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.409 ng

RT: 16.921 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF133502.D

Acq: 26 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

PB153075BS

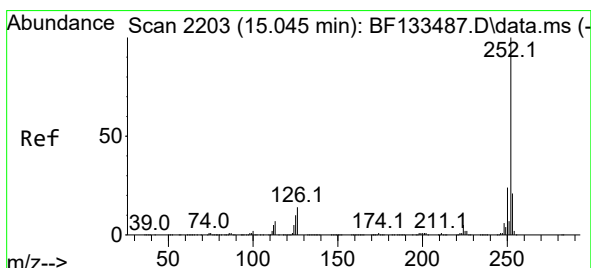
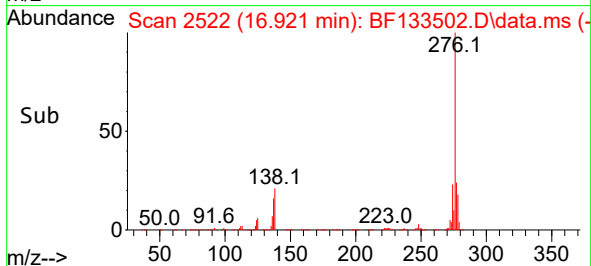
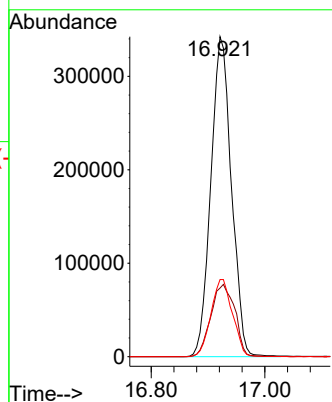
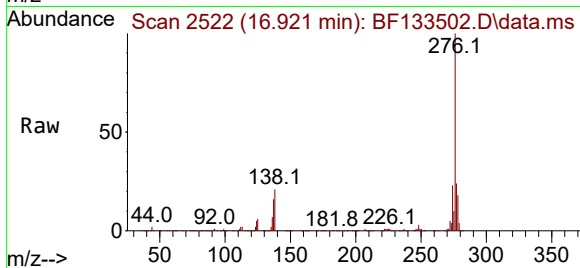
Tgt Ion:276 Resp: 861213

Ion Ratio Lower Upper

276 100

138 26.4 21.4 32.2

277 25.3 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 47.119 ng

RT: 15.045 min Scan# 2203

Delta R.T. -0.000 min

Lab File: BF133502.D

Acq: 26 May 2023 16:50

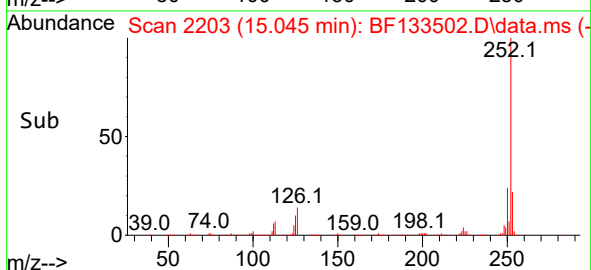
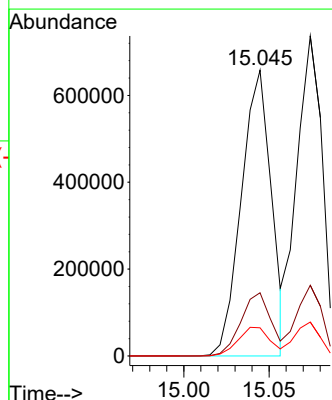
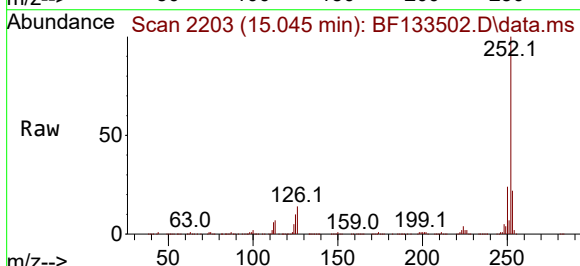
Tgt Ion:252 Resp: 806924

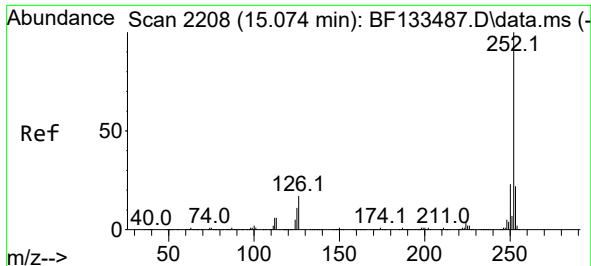
Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

125 9.8 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 46.251 ng

RT: 15.074 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF133502.D

Acq: 26 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

PB153075BS

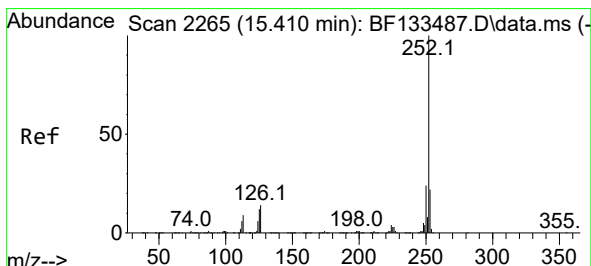
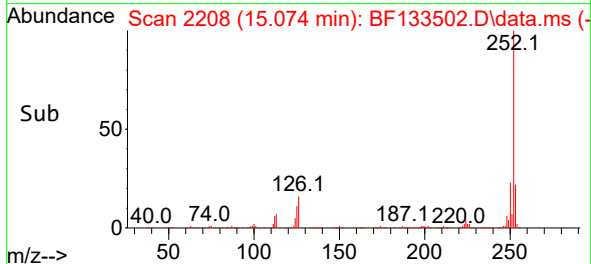
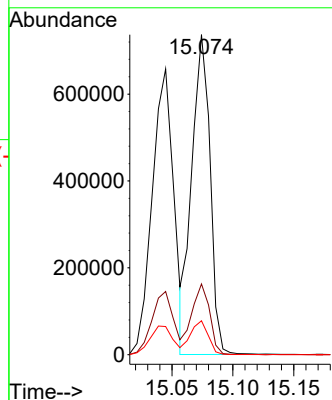
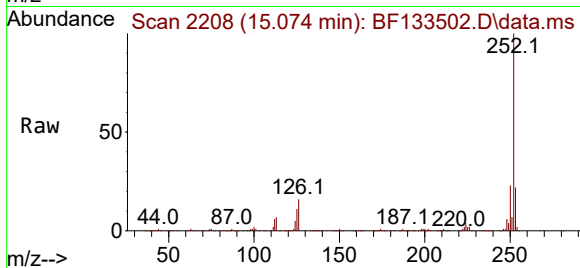
Tgt Ion:252 Resp: 772321

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

125 10.6 8.3 12.5



#90

Benzo(a)pyrene

Concen: 43.997 ng

RT: 15.409 min Scan# 2265

Delta R.T. -0.000 min

Lab File: BF133502.D

Acq: 26 May 2023 16:50

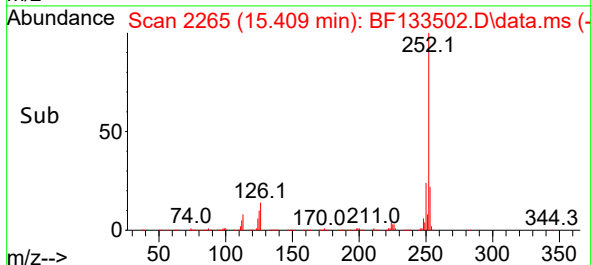
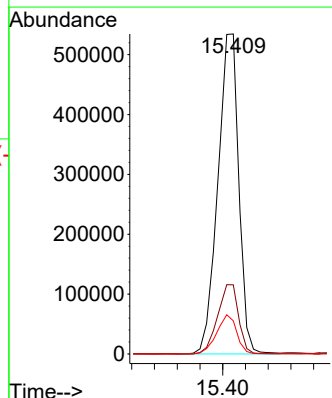
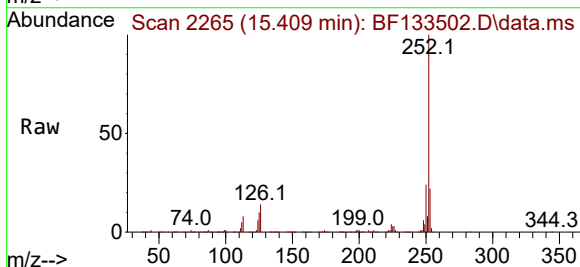
Tgt Ion:252 Resp: 685600

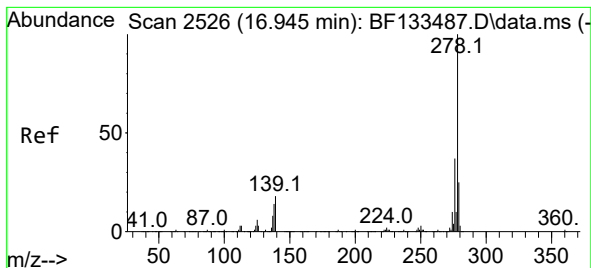
Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

125 10.3 9.4 14.0





#91

Dibenzo(a,h)anthracene

Concen: 51.374 ng

RT: 16.945 min Scan# 2526

Delta R.T. -0.000 min

Lab File: BF133502.D

Acq: 26 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

PB153075BS

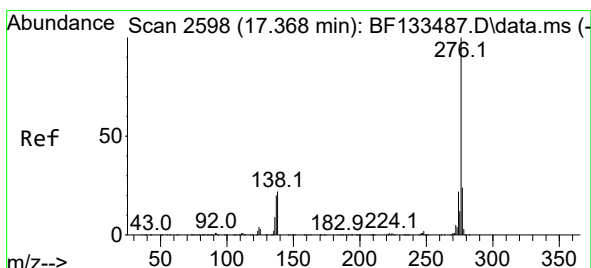
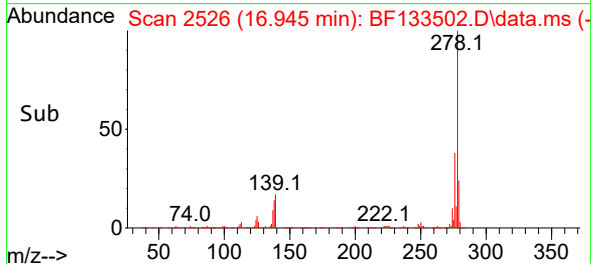
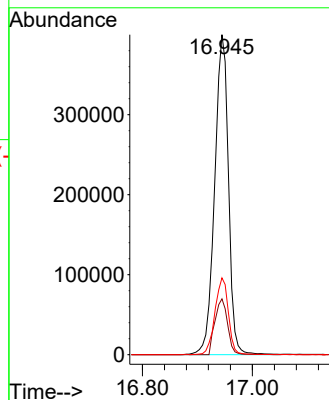
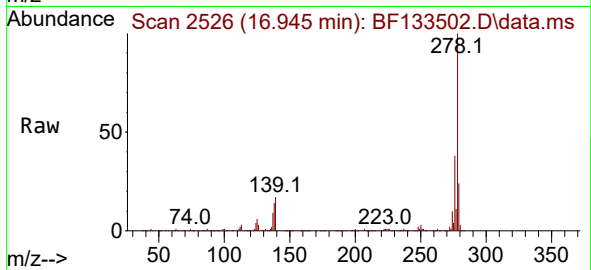
Tgt Ion:278 Resp: 697765

Ion Ratio Lower Upper

278 100

139 17.5 14.1 21.1

279 24.0 19.7 29.5



#92

Benzo(g,h,i)perylene

Concen: 52.923 ng

RT: 17.368 min Scan# 2598

Delta R.T. -0.000 min

Lab File: BF133502.D

Acq: 26 May 2023 16:50

Tgt Ion:276 Resp: 724793

Ion Ratio Lower Upper

276 100

277 24.6 18.8 28.2

138 22.9 17.8 26.6

