

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060523\
 Data File : BF133575.D
 Acq On : 05 Jun 2023 20:12
 Operator : CG\JU
 Sample : PB153176BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153176BS

Quant Time: Jun 06 01:06:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 17:49:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	190328	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	693531	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	315270	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	532142	20.000	ng	0.00
76) Chrysene-d12	13.998	240	357057	20.000	ng	0.00
86) Perylene-d12	15.462	264	275488	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	112924	9.899	ng	0.00
7) Phenol-d6	6.445	99	136057	9.689	ng	-0.01
23) Nitrobenzene-d5	7.387	82	78962	7.602	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	28866	9.185	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	170682	8.356	ng	0.00
79) Terphenyl-d14	12.945	244	150126	7.476	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.569	88	16378	3.179	ng	# 94
3) Pyridine	3.322	79	40197	2.783	ng	96
4) n-Nitrosodimethylamine	3.246	42	23161	2.940	ng	# 94
6) Aniline	6.487	93	42429	2.225	ng	99
8) 2-Chlorophenol	6.610	128	41400	3.683	ng	93
9) Benzaldehyde	6.381	77	24358	Below Cal		97
10) Phenol	6.457	94	49891	3.542	ng	97
11) bis(2-Chloroethyl)ether	6.563	93	40036	3.437	ng	99
12) 1,3-Dichlorobenzene	6.769	146	45647	3.658	ng	97
13) 1,4-Dichlorobenzene	6.851	146	47247	3.777	ng	94
14) 1,2-Dichlorobenzene	6.998	146	43184	3.741	ng	98
15) Benzyl Alcohol	6.963	79	31318	2.938	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.110	45	73342	3.320	ng	99
17) 2-Methylphenol	7.075	107	34990	3.287	ng	98
18) Hexachloroethane	7.345	117	9725	2.248	ng	# 86
19) n-Nitroso-di-n-propyla...	7.234	70	30841	3.394	ng	99
20) 3+4-Methylphenols	7.228	107	44267	3.678	ng	97
22) Acetophenone	7.234	105	61868	3.874	ng	# 94
24) Nitrobenzene	7.410	77	42596	3.849	ng	94
25) Isophorone	7.645	82	79149	3.270	ng	99
26) 2-Nitrophenol	7.728	139	11529	6.791	ng	96
27) 2,4-Dimethylphenol	7.763	122	35087	3.406	ng	99
28) bis(2-Chloroethoxy)met...	7.863	93	48366	3.446	ng	99
29) 2,4-Dichlorophenol	7.963	162	31813	3.433	ng	99
30) 1,2,4-Trichlorobenzene	8.057	180	36006	3.592	ng	97
31) Naphthalene	8.134	128	119077	3.542	ng	100
32) Benzoic acid	7.822	122	6702	8.186	ng	91
33) 4-Chloroaniline	8.181	127	37176	2.580	ng	95
34) Hexachlorobutadiene	8.251	225	21746	3.567	ng	98
35) Caprolactam	8.510	113	10226	3.365	ng	100
36) 4-Chloro-3-methylphenol	8.657	107	33428	3.220	ng	95
37) 2-Methylnaphthalene	8.828	142	76305	3.324	ng	96
38) 1-Methylnaphthalene	8.928	142	71136	3.324	ng	99
40) 1,2,4,5-Tetrachloroben...	8.992	216	34226	3.663	ng	97
43) 2,4,6-Trichlorophenol	9.098	196	20127	3.366	ng	99
44) 2,4,5-Trichlorophenol	9.139	196	20916	3.014	ng	# 90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.292	154	98026	3.827	ng	98
47) 2-Chloronaphthalene	9.316	162	68137	3.670	ng	97
48) 2-Nitroaniline	9.404	65	20371	7.124	ng	95
49) Acenaphthylene	9.728	152	108461	3.424	ng	99
50) Dimethylphthalate	9.586	163	81824	3.693	ng	99
51) 2,6-Dinitrotoluene	9.645	165	11187	6.134	ng	92
52) Acenaphthene	9.904	154	62841	3.275	ng	98
53) 3-Nitroaniline	9.816	138	17365	6.250	ng	97
54) 2,4-Dinitrophenol	9.922	184	399	6.763	ng	# 73
55) Dibenzofuran	10.075	168	97214	3.405	ng	95
56) 4-Nitrophenol	9.963	139	18390	4.851	ng	92
57) 2,4-Dinitrotoluene	10.051	165	11417	6.713	ng	# 82
58) Fluorene	10.416	166	73014	3.491	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	16271	3.113	ng	94
60) Diethylphthalate	10.286	149	79257	3.446	ng	98
61) 4-Chlorophenyl-phenyle...	10.410	204	35526	3.537	ng	97
62) 4-Nitroaniline	10.422	138	18633	6.268	ng	94
63) Azobenzene	10.569	77	68692	2.983	ng	98
65) 4,6-Dinitro-2-methylph...	10.457	198	466	8.887	ng	# 76
66) n-Nitrosodiphenylamine	10.528	169	65453	3.789	ng	98
67) 4-Bromophenyl-phenylether	10.904	248	19292	3.414	ng	92
68) Hexachlorobenzene	10.963	284	21687	3.670	ng	96
69) Atrazine	11.051	200	19025	4.014	ng	98
70) Pentachlorophenol	11.157	266	17500	4.952	ng	95
71) Phenanthrene	11.380	178	94808	3.518	ng	99
72) Anthracene	11.433	178	93734	3.379	ng	98
73) Carbazole	11.586	167	87691	3.343	ng	98
74) Di-n-butylphthalate	11.922	149	110563	3.564	ng	99
75) Fluoranthene	12.569	202	97314	3.269	ng	99
77) Benzidine	12.692	184	63595	6.090	ng	99
78) Pyrene	12.798	202	102043	3.358	ng	97
80) Butylbenzylphthalate	13.427	149	42305	3.519	ng	93
81) Benzo(a)anthracene	13.992	228	80946	3.403	ng	97
82) 3,3'-Dichlorobenzidine	13.957	252	24557	3.303	ng	# 98
83) Chrysene	14.027	228	73901	3.078	ng	96
84) Bis(2-ethylhexyl)phtha...	13.986	149	61948	4.123	ng	99
85) Di-n-octyl phthalate	14.598	149	97281	3.886	ng	98
87) Indeno(1,2,3-cd)pyrene	16.904	276	55976	3.190	ng	98
88) Benzo(b)fluoranthene	15.033	252	59269	3.304	ng	99
89) Benzo(k)fluoranthene	15.063	252	57263	3.274	ng	99
90) Benzo(a)pyrene	15.392	252	47102	2.886	ng	94
91) Dibenzo(a,h)anthracene	16.927	278	45821	3.221	ng	97
92) Benzo(g,h,i)perylene	17.339	276	43158	3.008	ng	95

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

BNA F

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ClientSampleId :

PB153176BS

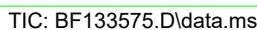
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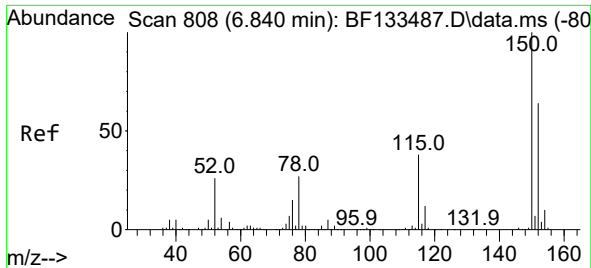
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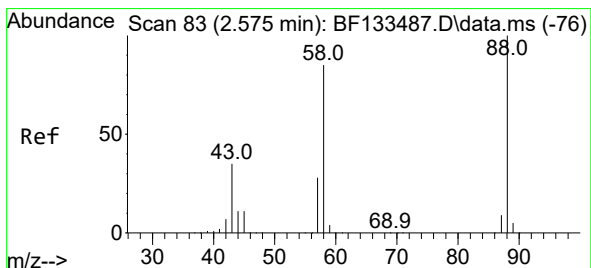
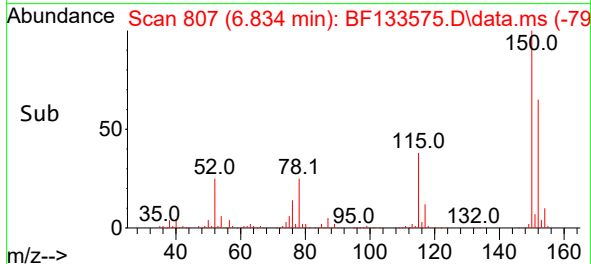
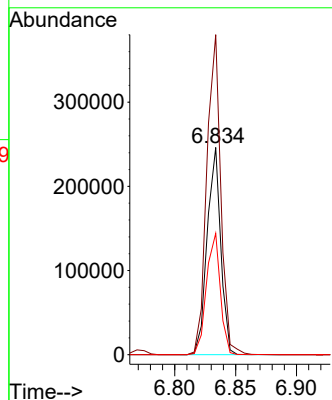
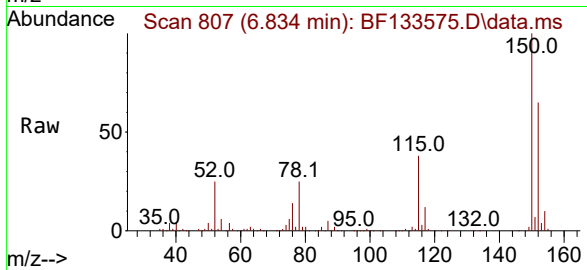




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF133575.D
 Acq: 05 Jun 2023 20:12

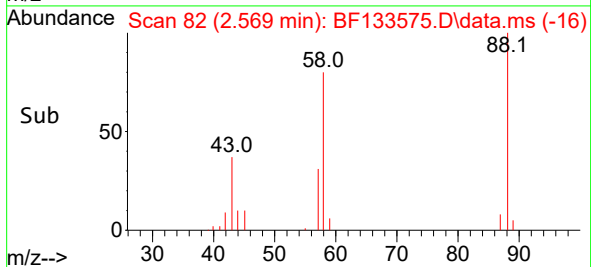
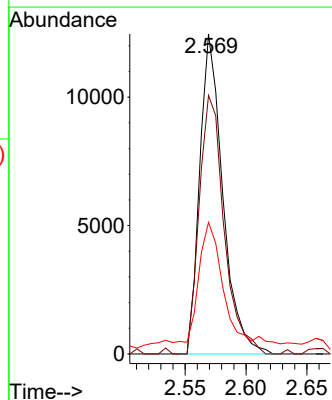
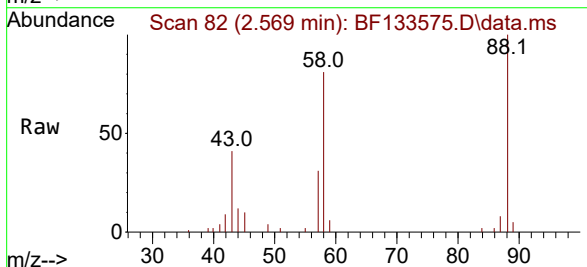
Instrument :
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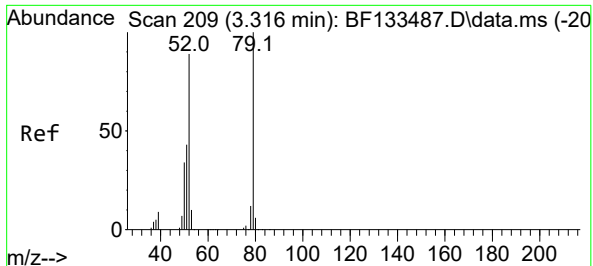
Tgt Ion:152 Resp: 190328
 Ion Ratio Lower Upper
 152 100
 150 154.4 124.9 187.3
 115 58.5 48.1 72.1



#2
 1,4-Dioxane
 Concen: 3.179 ng
 RT: 2.569 min Scan# 82
 Delta R.T. 0.035 min
 Lab File: BF133575.D
 Acq: 05 Jun 2023 20:12

Tgt Ion: 88 Resp: 16378
 Ion Ratio Lower Upper
 88 100
 58 87.0 67.7 101.5
 43 42.6 28.2 42.4#

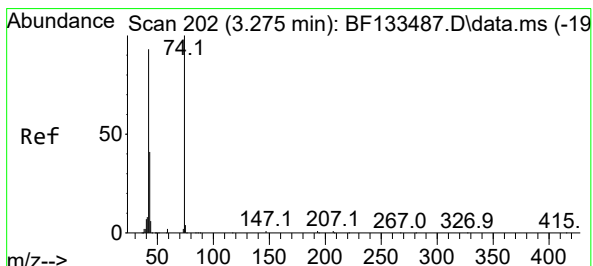
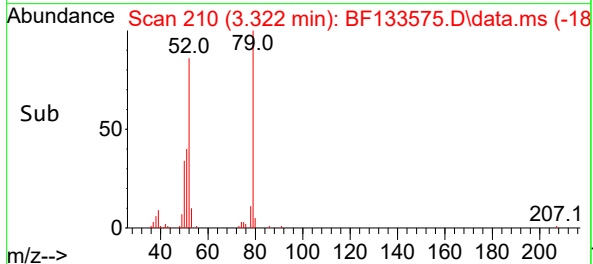
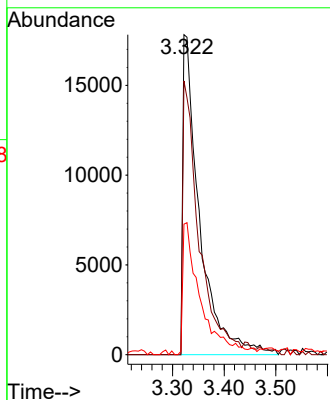
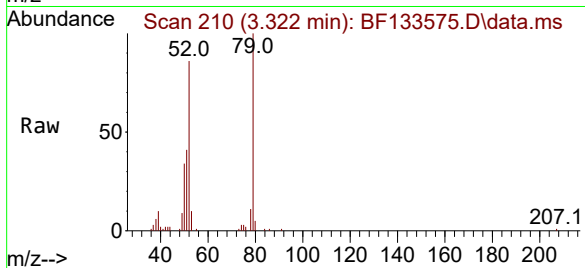




#3
Pyridine
Concen: 2.783 ng
RT: 3.322 min Scan# 21
Delta R.T. 0.047 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

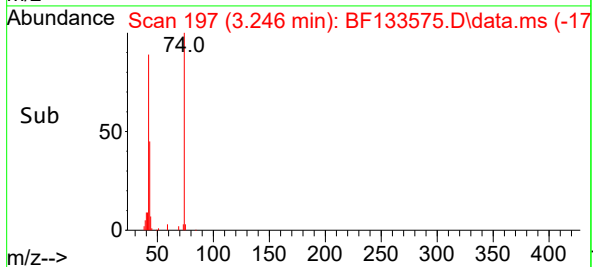
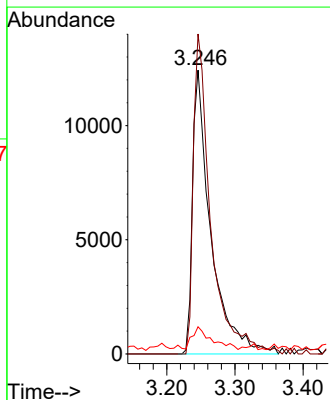
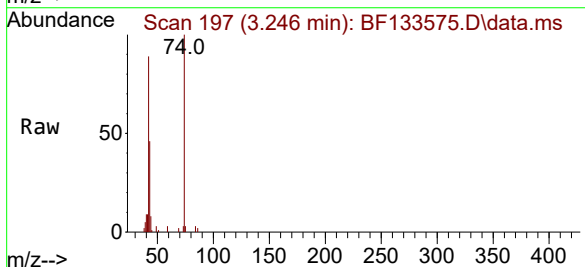
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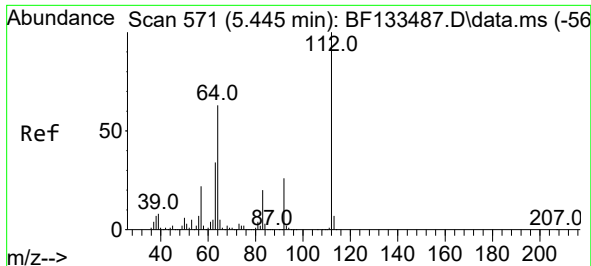
Tgt Ion: 79 Resp: 40197
Ion Ratio Lower Upper
79 100
52 85.6 71.3 106.9
51 40.8 34.4 51.6



#4
n-Nitrosodimethylamine
Concen: 2.940 ng
RT: 3.246 min Scan# 197
Delta R.T. 0.018 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

Tgt Ion: 42 Resp: 23161
Ion Ratio Lower Upper
42 100
74 112.7 85.7 128.5
44 9.6 5.6 8.4

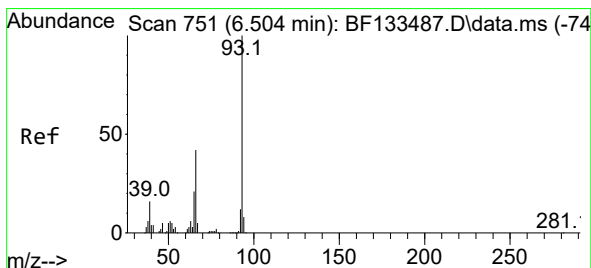
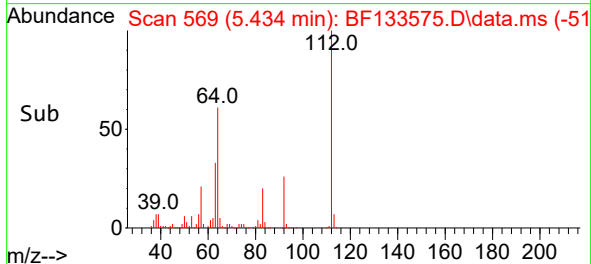
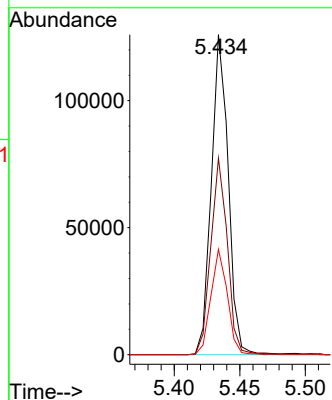
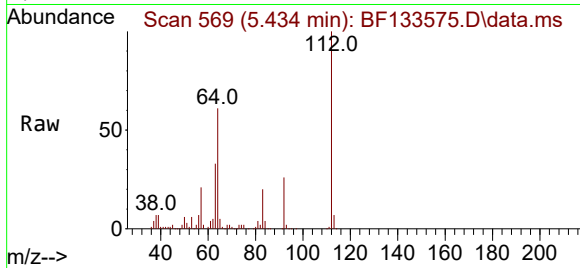




#5
2-Fluorophenol
Concen: 9.899 ng
RT: 5.434 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

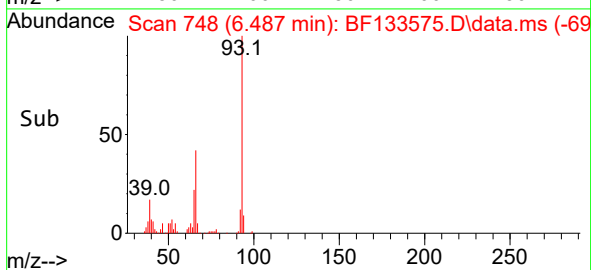
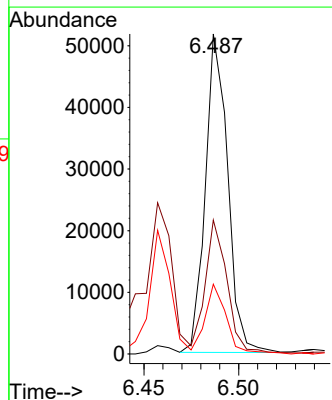
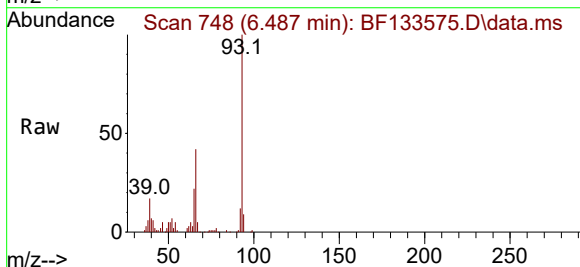
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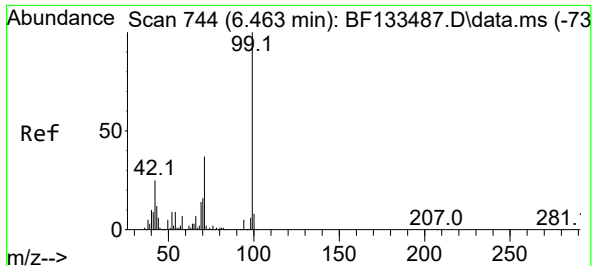
Tgt Ion:112 Resp: 112924
Ion Ratio Lower Upper
112 100
64 61.4 50.1 75.1
63 32.9 27.5 41.3



#6
Aniline
Concen: 2.225 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

Tgt Ion: 93 Resp: 42429
Ion Ratio Lower Upper
93 100
66 41.9 33.9 50.9
65 21.8 17.2 25.8

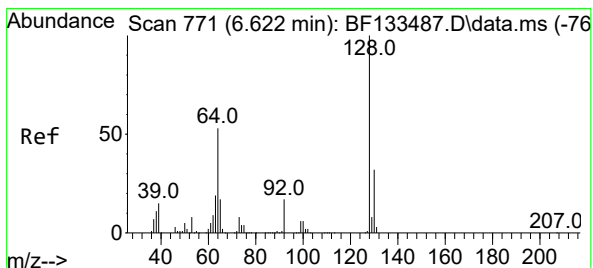
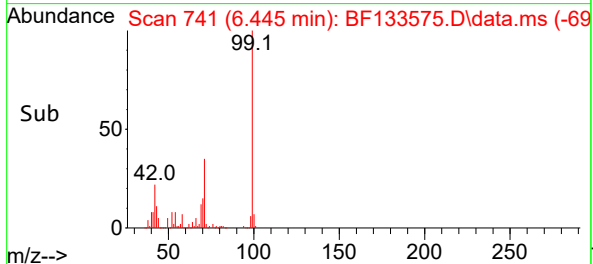
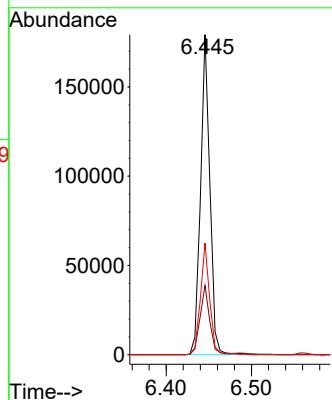
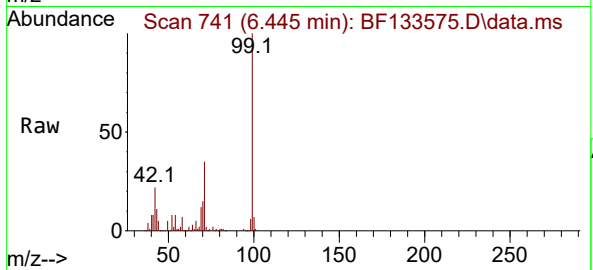




#7
Phenol-d6
Concen: 9.689 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

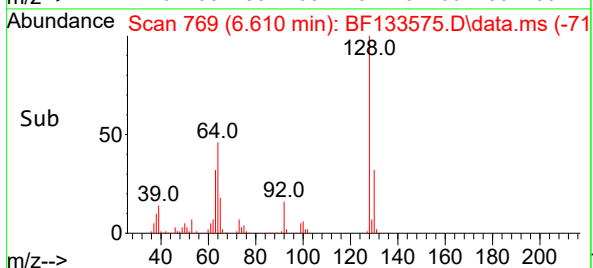
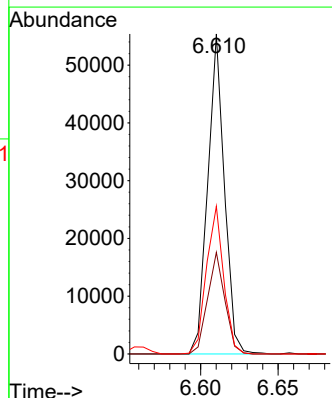
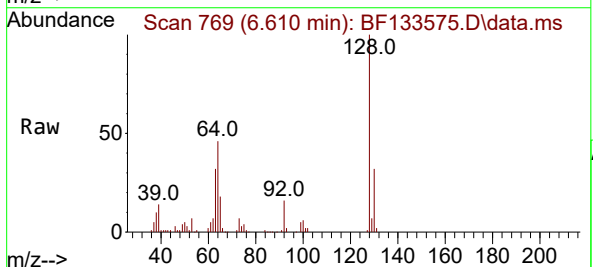
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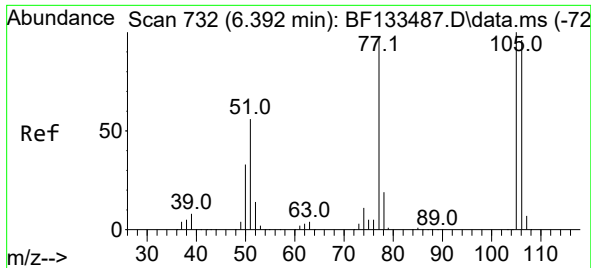
Tgt Ion: 99 Resp: 136057
Ion Ratio Lower Upper
99 100
42 21.6 19.7 29.5
71 34.8 29.8 44.8



#8
2-Chlorophenol
Concen: 3.683 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

Tgt Ion: 128 Resp: 41400
Ion Ratio Lower Upper
128 100
130 31.7 12.4 52.4
64 46.2 33.3 73.3

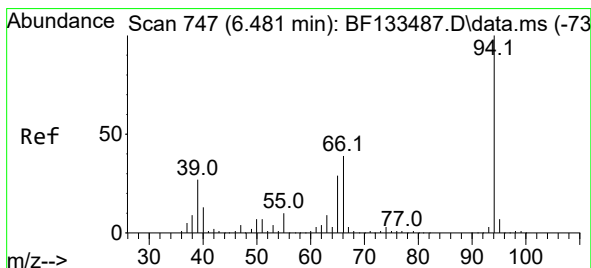
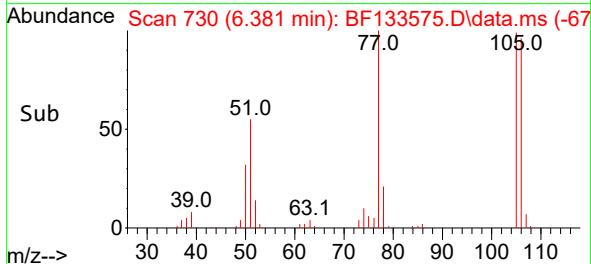
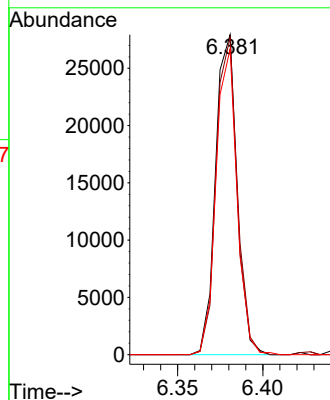
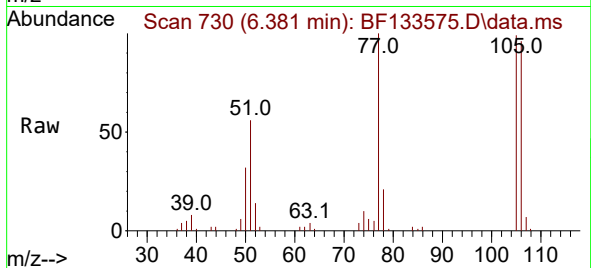




#9
Benzaldehyde
Concen: Below Cal
RT: 6.381 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

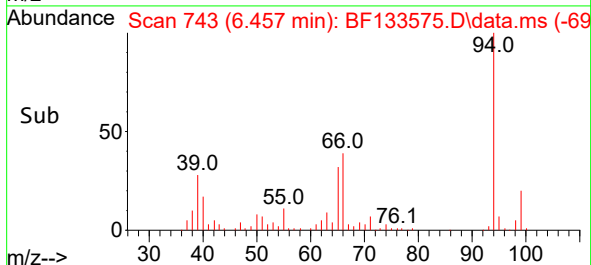
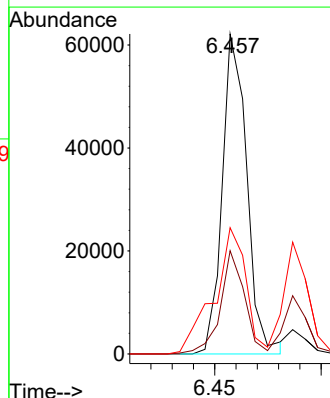
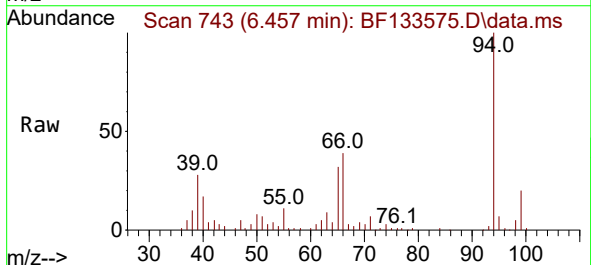
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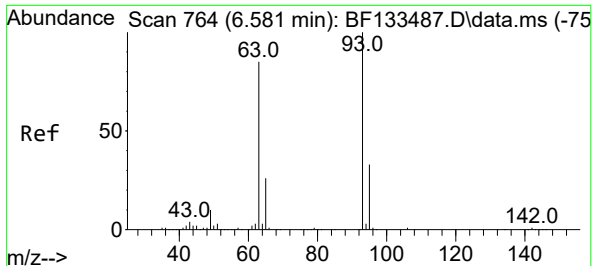
Tgt Ion: 77 Resp: 24358
Ion Ratio Lower Upper
77 100
105 99.1 81.9 121.9
106 95.6 77.8 117.8



#10
Phenol
Concen: 3.542 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.012 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

Tgt Ion: 94 Resp: 49891
Ion Ratio Lower Upper
94 100
65 32.3 9.1 49.1
66 39.5 18.9 58.9





#11

bis(2-Chloroethyl)ether

Concen: 3.437 ng

RT: 6.563 min Scan# 761

Delta R.T. -0.006 min

Lab File: BF133575.D

Acq: 05 Jun 2023 20:12

Instrument :

BNA_F

ClientSampleId :

PB153176BS

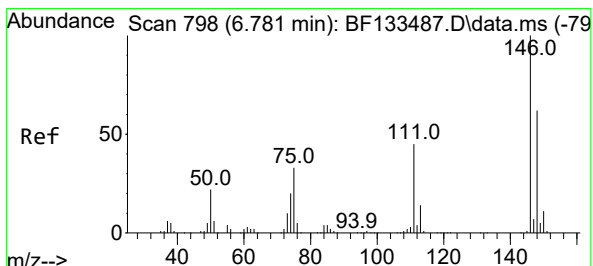
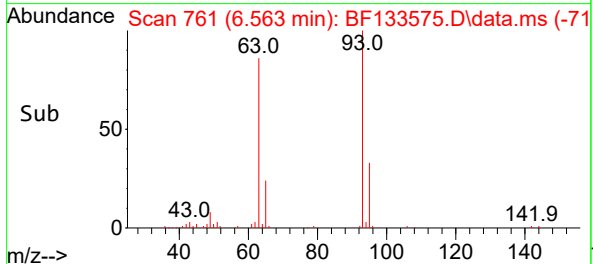
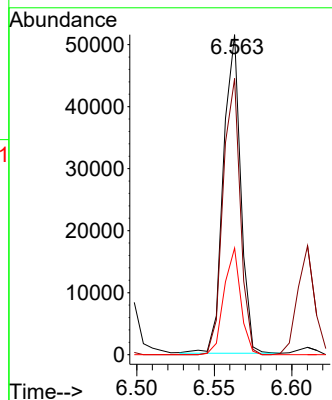
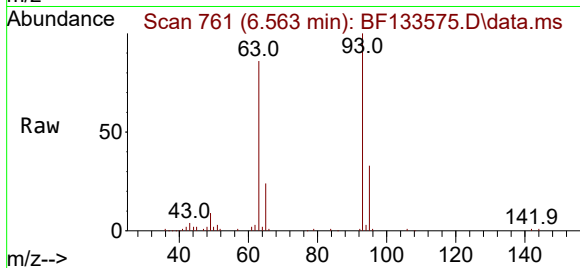
Tgt Ion: 93 Resp: 40036

Ion Ratio Lower Upper

93 100

63 86.3 64.5 104.5

95 33.3 13.3 53.3



#12

1,3-Dichlorobenzene

Concen: 3.658 ng

RT: 6.769 min Scan# 796

Delta R.T. -0.006 min

Lab File: BF133575.D

Acq: 05 Jun 2023 20:12

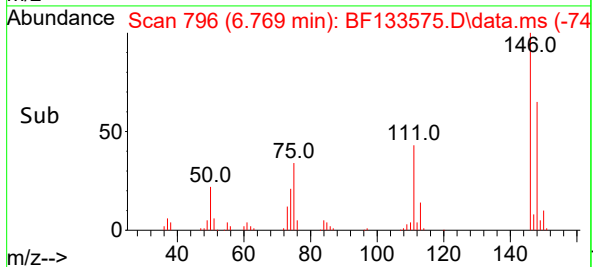
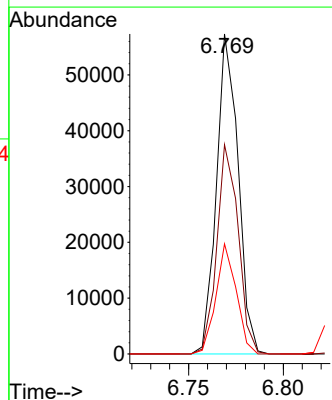
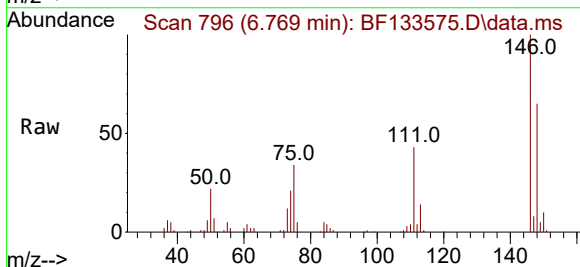
Tgt Ion:146 Resp: 45647

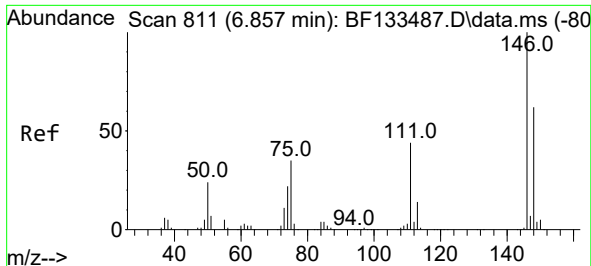
Ion Ratio Lower Upper

146 100

148 65.4 49.9 74.9

75 34.4 26.7 40.1





#13

1,4-Dichlorobenzene

Concen: 3.777 ng

RT: 6.851 min Scan# 811

Delta R.T. 0.000 min

Lab File: BF133575.D

Acq: 05 Jun 2023 20:12

Instrument :

BNA_F

ClientSampleId :

PB153176BS

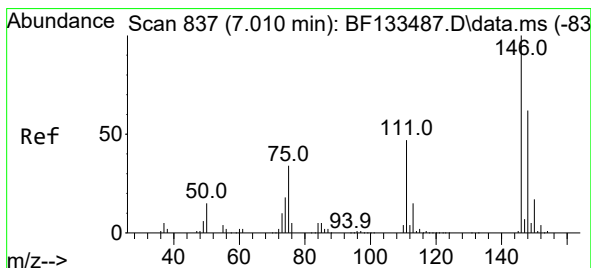
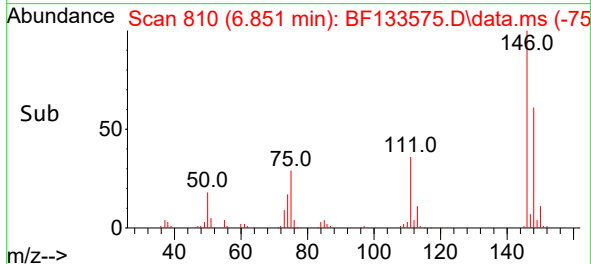
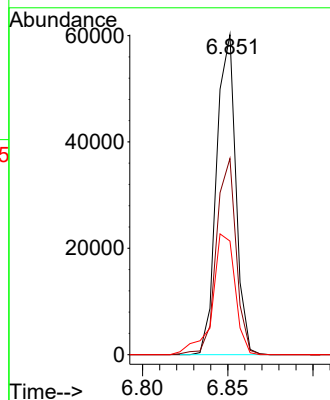
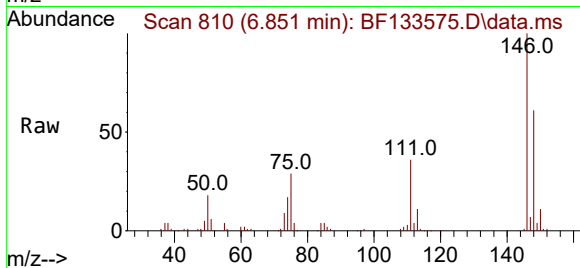
Tgt Ion:146 Resp: 47247

Ion Ratio Lower Upper

146 100

148 61.3 49.8 74.6

111 35.5 35.3 52.9



#14

1,2-Dichlorobenzene

Concen: 3.741 ng

RT: 6.998 min Scan# 835

Delta R.T. -0.006 min

Lab File: BF133575.D

Acq: 05 Jun 2023 20:12

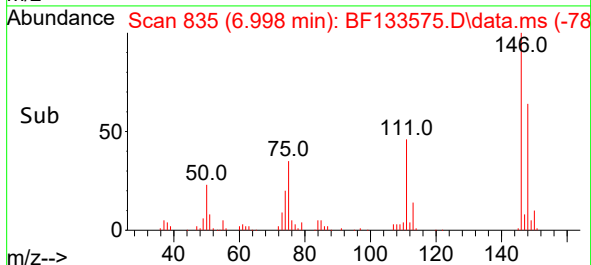
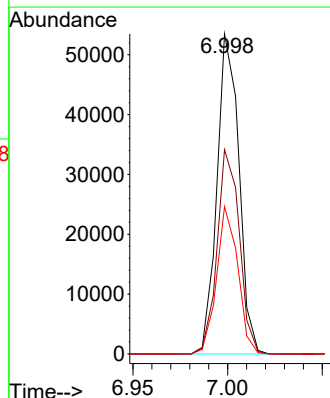
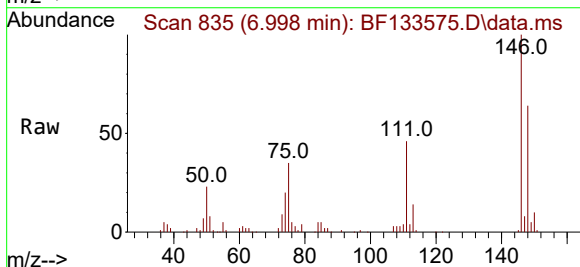
Tgt Ion:146 Resp: 43184

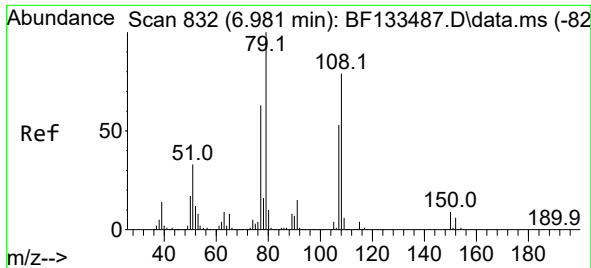
Ion Ratio Lower Upper

146 100

148 63.9 49.8 74.6

111 46.1 37.4 56.2

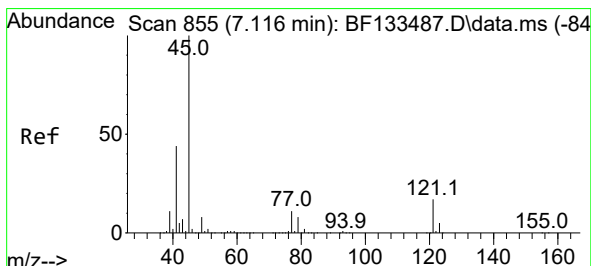
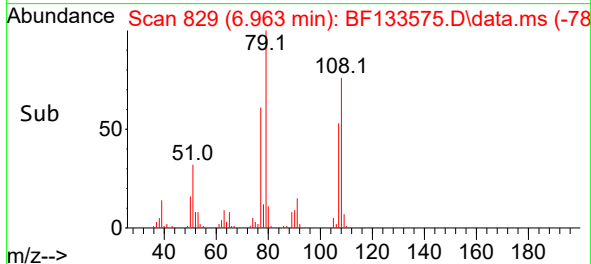
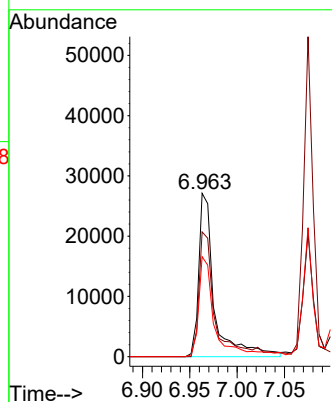
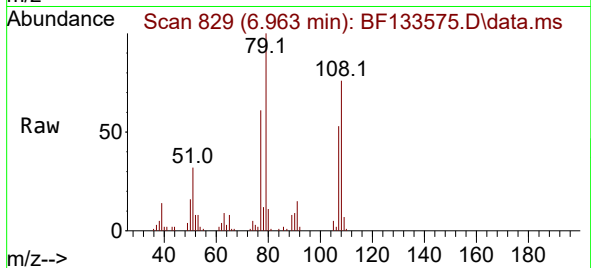




#15
Benzyl Alcohol
Concen: 2.938 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

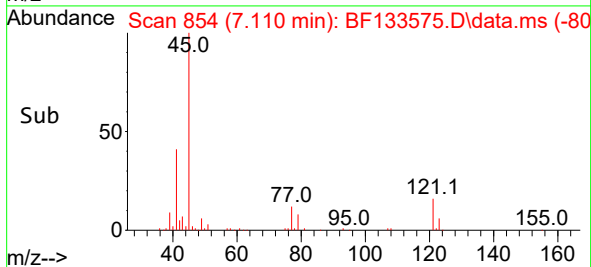
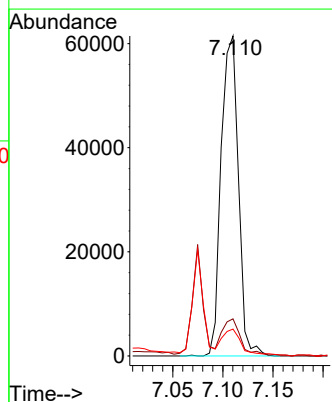
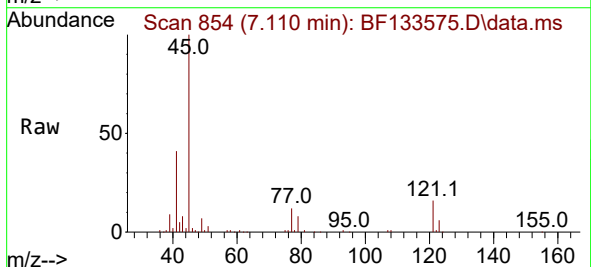
Instrument :
BNA_F
ClientSampleId :
PB153176BS

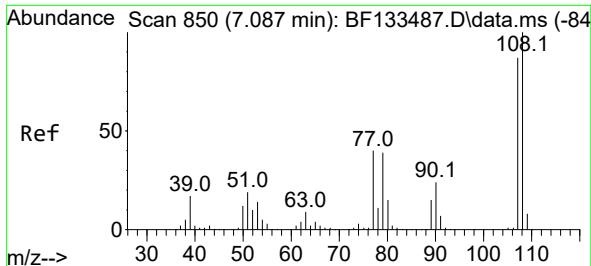
Tgt Ion: 79 Resp: 31318
Ion Ratio Lower Upper
79 100
108 76.4 63.2 94.8
77 61.2 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.320 ng
RT: 7.110 min Scan# 854
Delta R.T. 0.000 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

Tgt Ion: 45 Resp: 73342
Ion Ratio Lower Upper
45 100
77 11.6 0.0 30.8
79 8.4 0.0 28.2

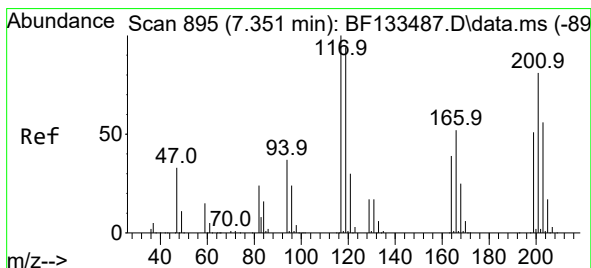
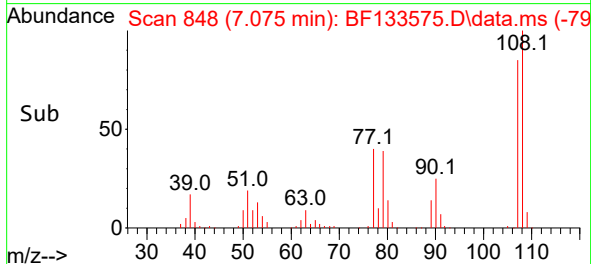
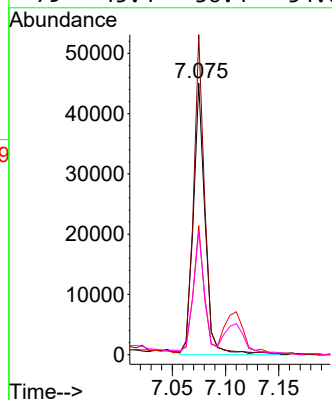
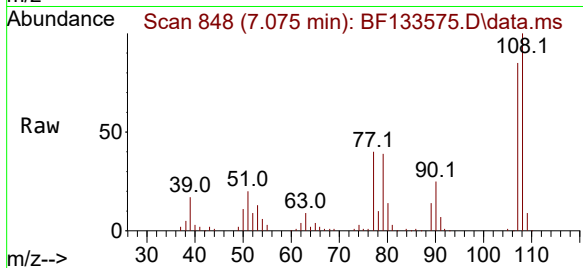




#17
2-Methylphenol
Concen: 3.287 ng
RT: 7.075 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

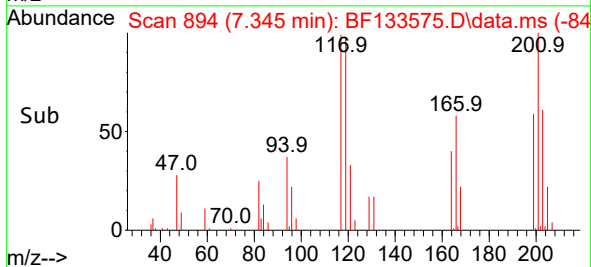
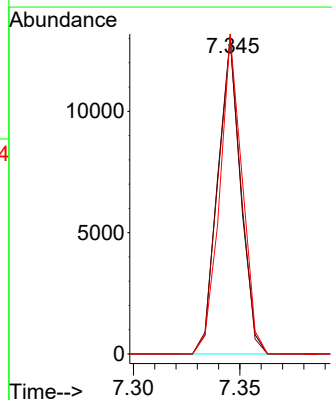
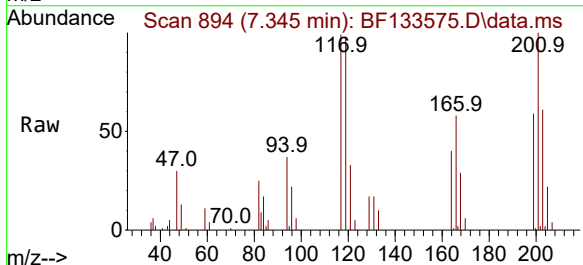
Instrument :
BNA_F
ClientSampleId :
PB153176BS

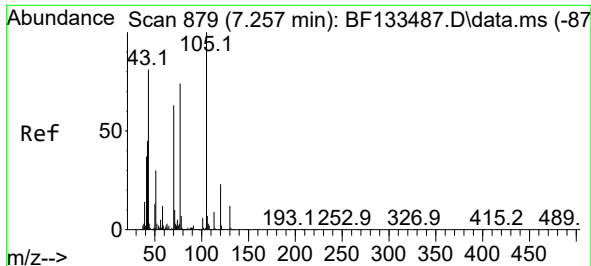
Tgt Ion:107 Resp: 34990
Ion Ratio Lower Upper
107 100
108 117.8 92.2 138.4
77 47.5 37.1 55.7
79 45.4 36.4 54.6



#18
Hexachloroethane
Concen: 2.248 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.000 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

Tgt Ion:117 Resp: 9725
Ion Ratio Lower Upper
117 100
119 99.4 74.9 112.3
201 101.0 64.8 97.2#

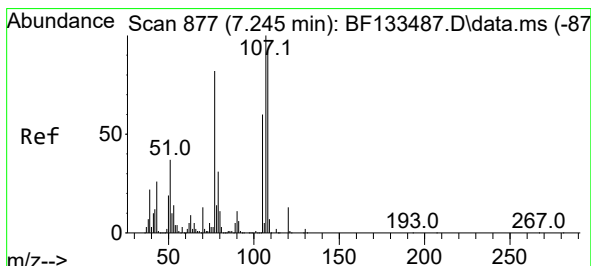
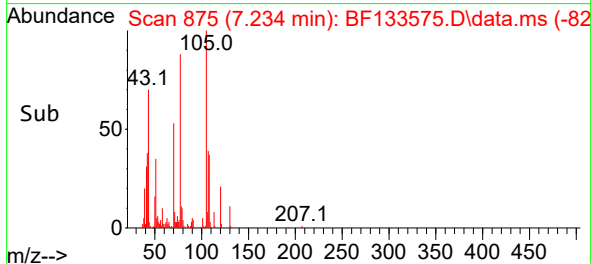
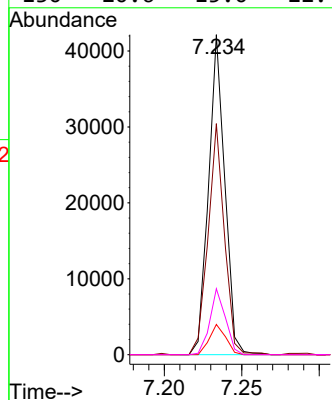
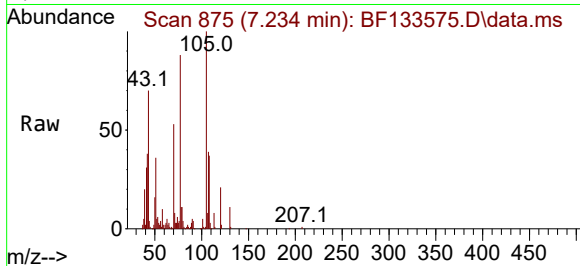




#19
n-Nitroso-di-n-propylamine
Concen: 3.394 ng
RT: 7.234 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

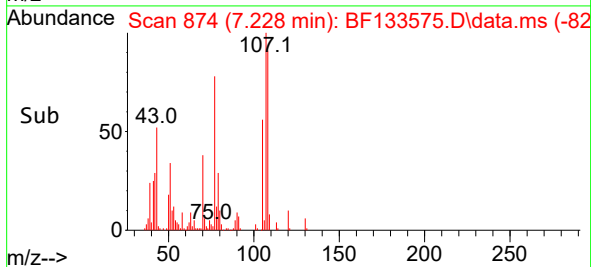
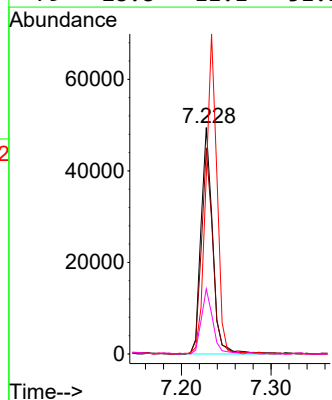
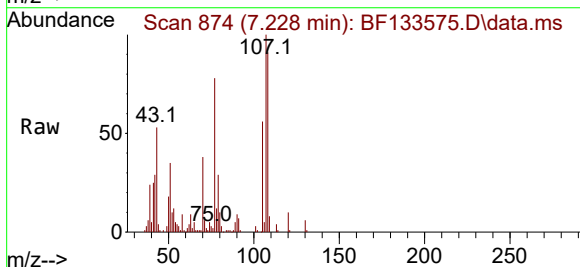
Instrument :
BNA_F
ClientSampleId :
PB153176BS

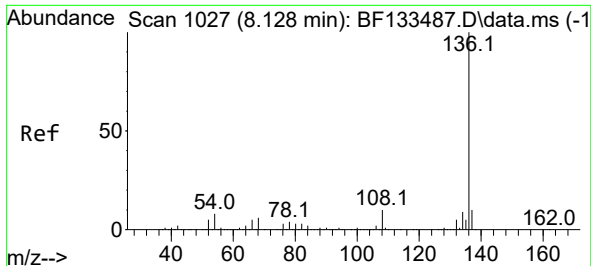
Tgt Ion:	70	Resp:	30841
Ion	Ratio	Lower	Upper
70	100		
42	72.2	57.2	85.8
101	9.5	7.3	10.9
130	20.6	15.0	22.4



#20
3+4-Methylphenols
Concen: 3.678 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

Tgt Ion:	107	Resp:	44267
Ion	Ratio	Lower	Upper
107	100		
108	91.0	72.0	112.0
77	78.3	61.9	101.9
79	28.8	11.1	51.1



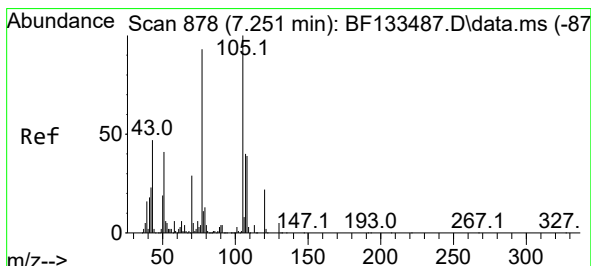
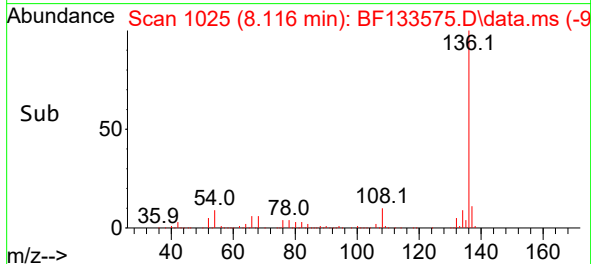
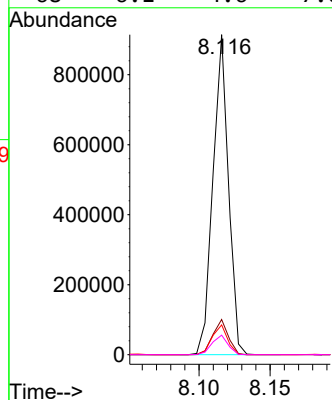
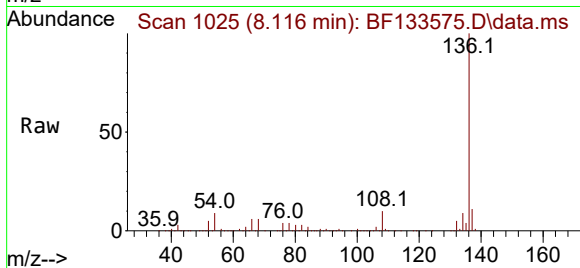


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. 0.000 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

Instrument :
BNA_F
ClientSampleId :
PB153176BS

Tgt Ion:136 Resp: 693531

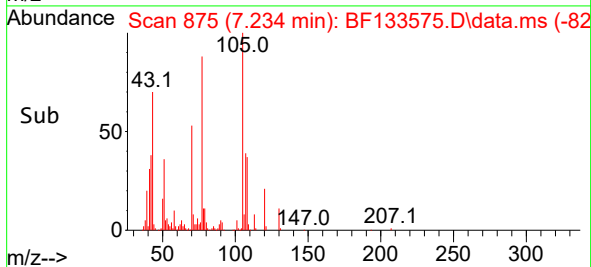
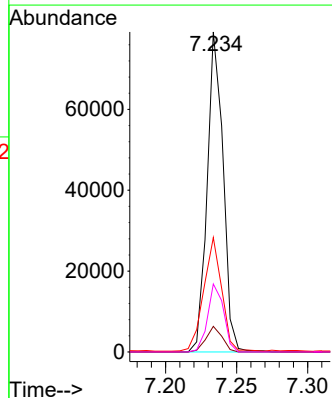
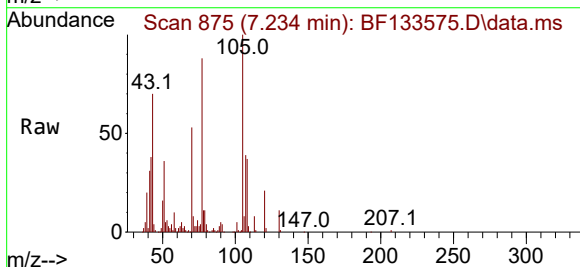
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.2	12.4
54	9.3	6.6	10.0
68	6.1	4.6	7.0

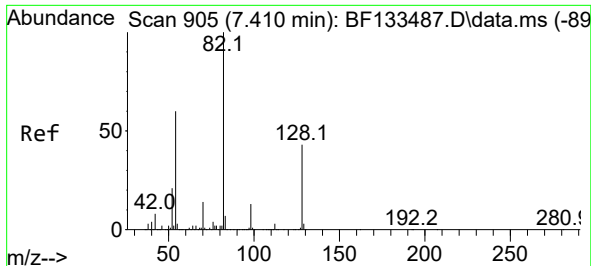


#22
Acetophenone
Concen: 3.874 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.012 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

Tgt Ion:105 Resp: 61868

Ion	Ratio	Lower	Upper
105	100		
71	8.0	3.8	5.8
51	35.8	32.6	49.0
120	21.3	17.5	26.3





#23

Nitrobenzene-d5

Concen: 7.602 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.012 min

Lab File: BF133575.D

Acq: 05 Jun 2023 20:12

Instrument :

BNA_F

ClientSampleId :

PB153176BS

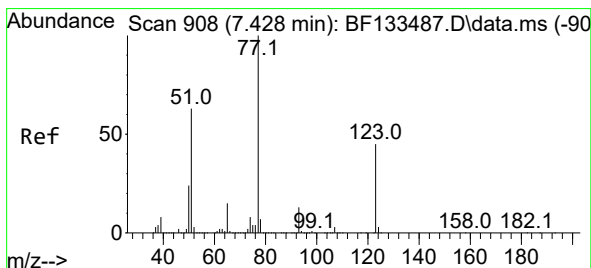
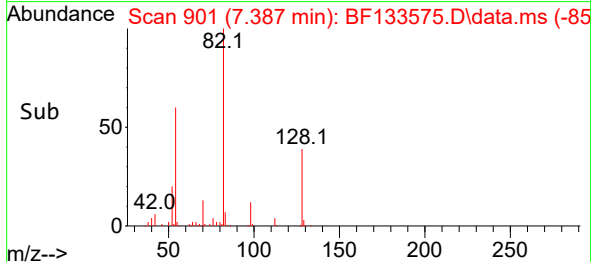
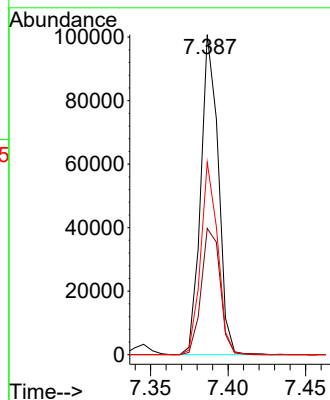
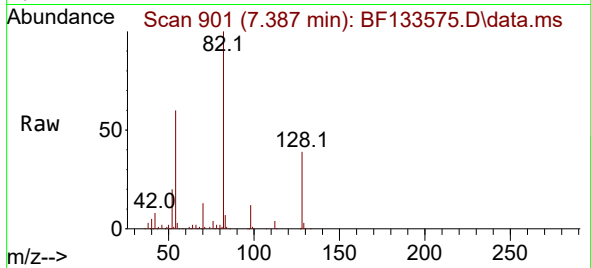
Tgt Ion: 82 Resp: 78962

Ion Ratio Lower Upper

82 100

128 39.5 34.2 51.4

54 60.2 48.2 72.4



#24

Nitrobenzene

Concen: 3.849 ng

RT: 7.410 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133575.D

Acq: 05 Jun 2023 20:12

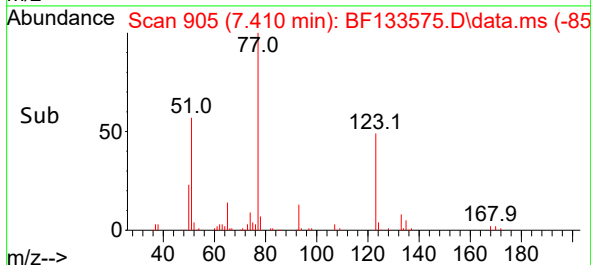
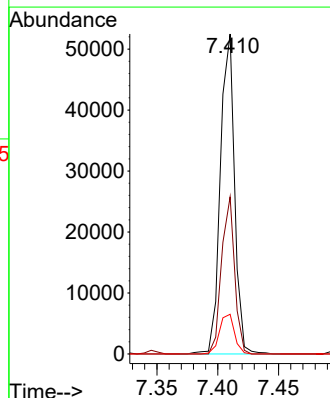
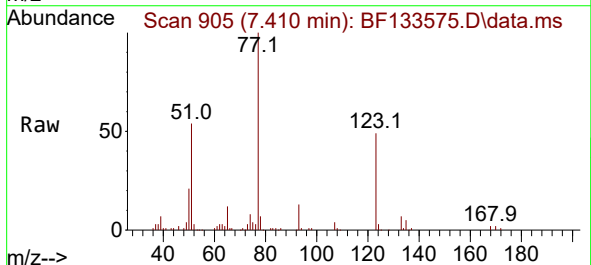
Tgt Ion: 77 Resp: 42596

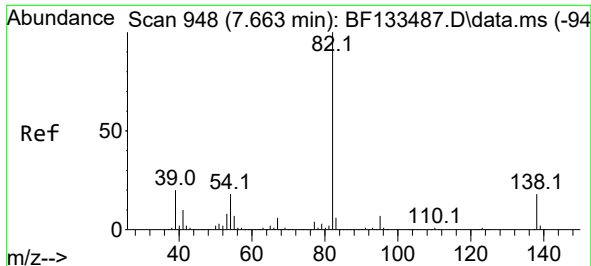
Ion Ratio Lower Upper

77 100

123 49.1 35.8 53.8

65 12.4 11.8 17.8

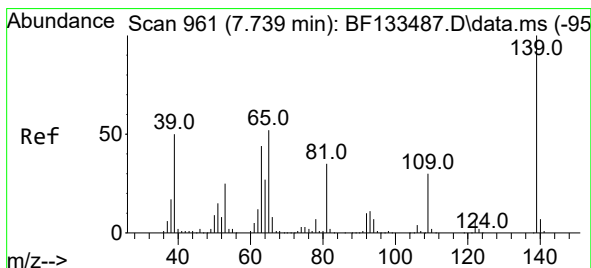
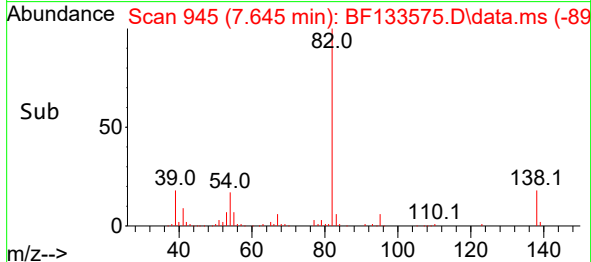
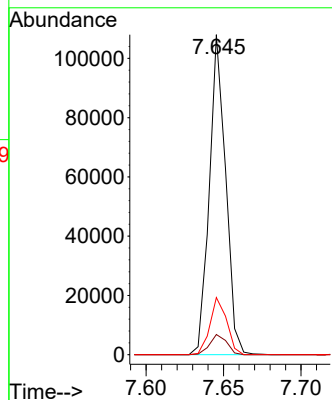
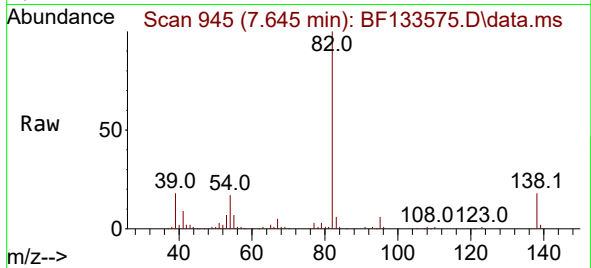




#25
Isophorone
Concen: 3.270 ng
RT: 7.645 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

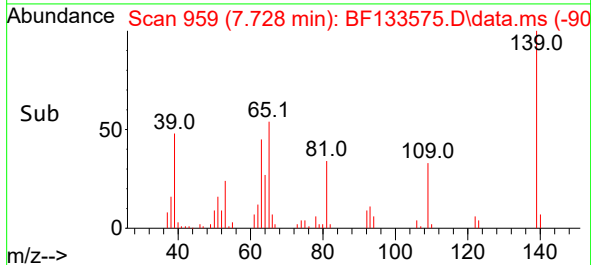
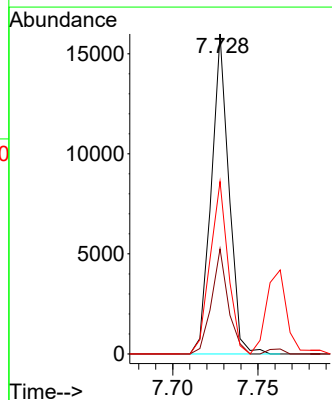
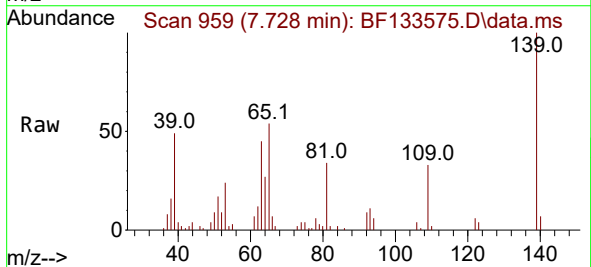
Instrument :
BNA_F
ClientSampleId :
PB153176BS

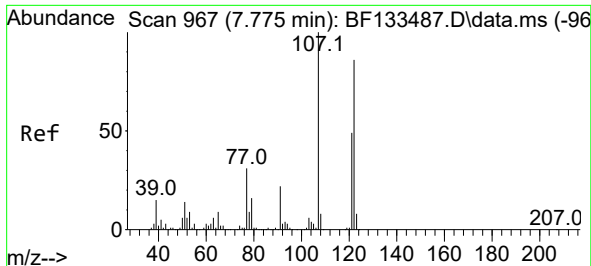
Tgt Ion: 82 Resp: 79149
Ion Ratio Lower Upper
82 100
95 6.3 5.7 8.5
138 17.8 14.2 21.4



#26
2-Nitrophenol
Concen: 6.791 ng
RT: 7.728 min Scan# 959
Delta R.T. -0.006 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

Tgt Ion: 139 Resp: 11529
Ion Ratio Lower Upper
139 100
109 32.9 24.0 36.0
65 53.9 41.7 62.5

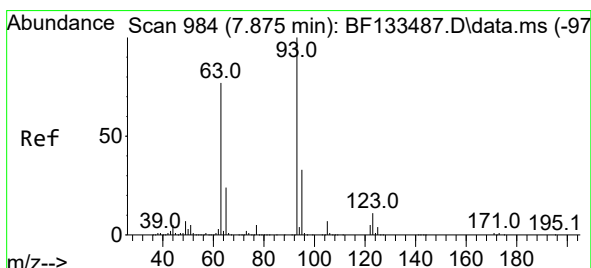
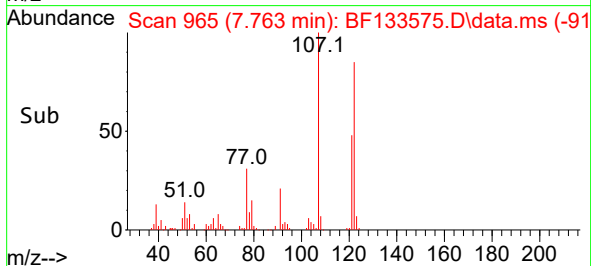
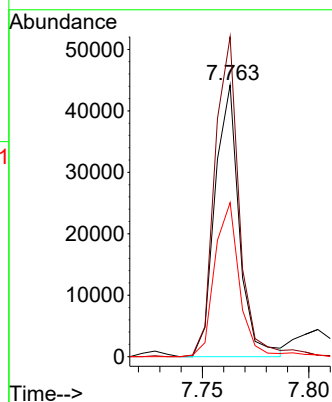
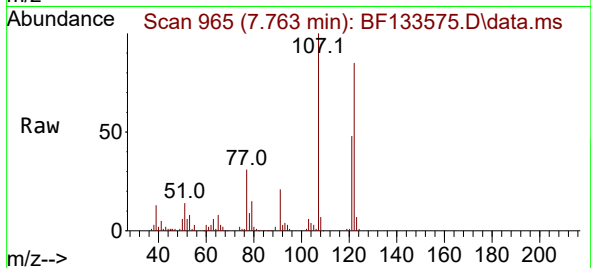




#27
2,4-Dimethylphenol
Concen: 3.406 ng
RT: 7.763 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

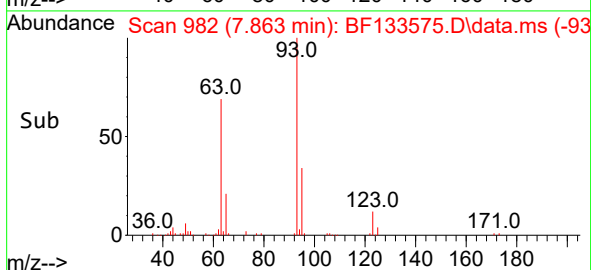
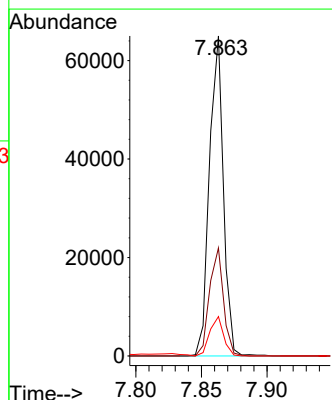
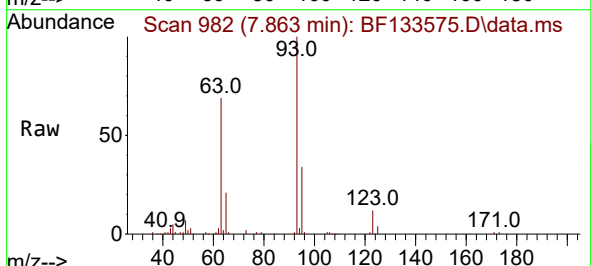
Instrument :
BNA_F
ClientSampleId :
PB153176BS

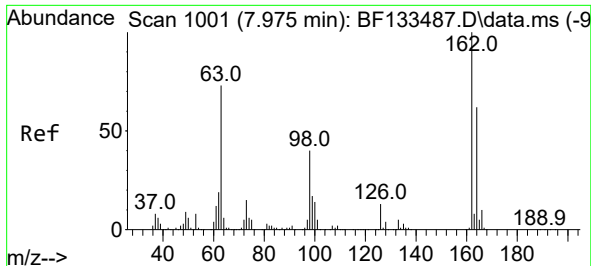
Tgt Ion:122 Resp: 35087
Ion Ratio Lower Upper
122 100
107 117.8 93.4 140.0
121 56.7 45.6 68.4



#28
bis(2-Chloroethoxy)methane
Concen: 3.446 ng
RT: 7.863 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

Tgt Ion: 93 Resp: 48366
Ion Ratio Lower Upper
93 100
95 33.8 26.8 40.2
123 12.3 9.4 14.0

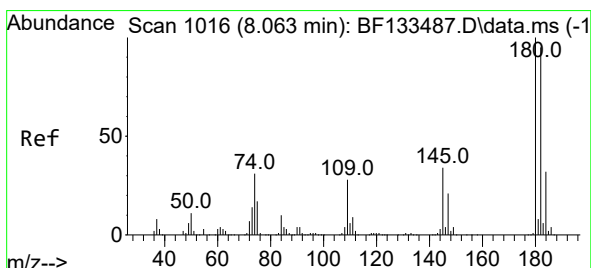
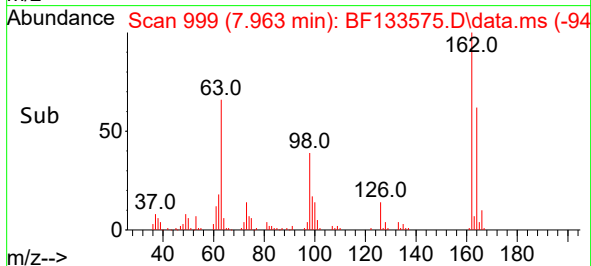
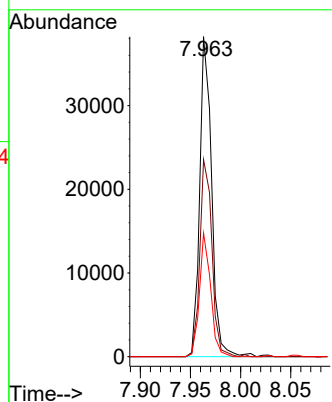
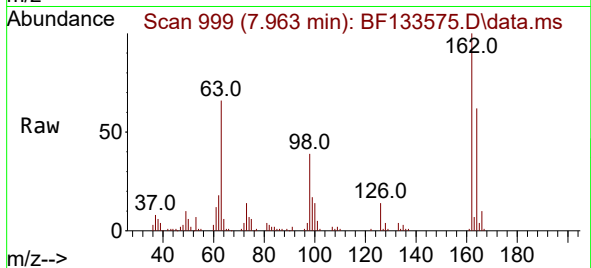




#29
2,4-Dichlorophenol
Concen: 3.433 ng
RT: 7.963 min Scan# 999
Delta R.T. -0.006 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

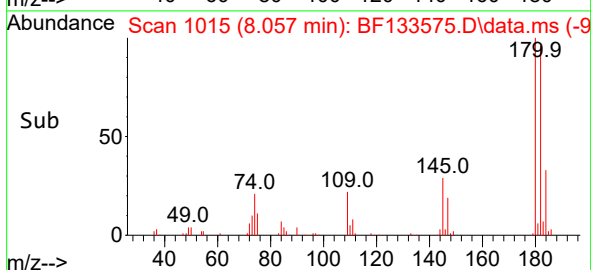
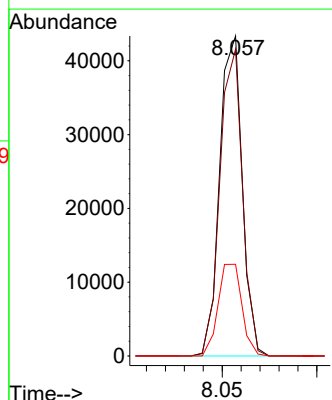
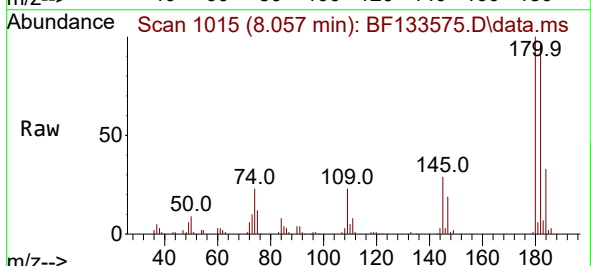
Instrument :
BNA_F
ClientSampleId :
PB153176BS

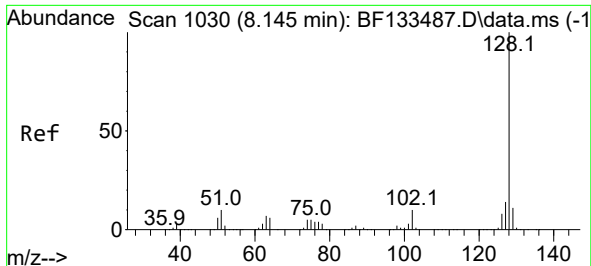
Tgt Ion:162 Resp: 31813
Ion Ratio Lower Upper
162 100
164 61.6 42.2 82.2
98 38.6 19.7 59.7



#30
1,2,4-Trichlorobenzene
Concen: 3.592 ng
RT: 8.057 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

Tgt Ion:180 Resp: 36006
Ion Ratio Lower Upper
180 100
182 95.8 76.1 114.1
145 28.6 27.0 40.4

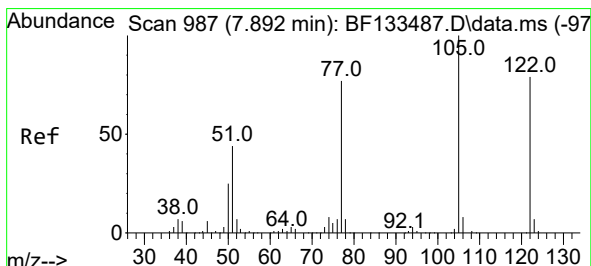
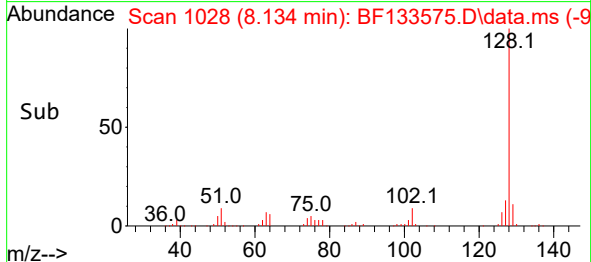
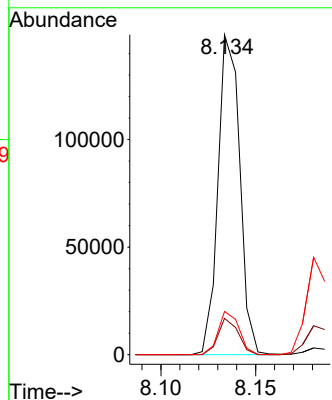
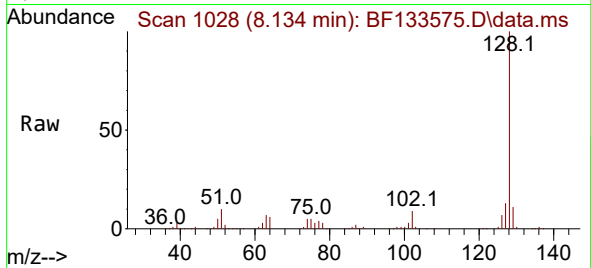




#31
Naphthalene
Concen: 3.542 ng
RT: 8.134 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

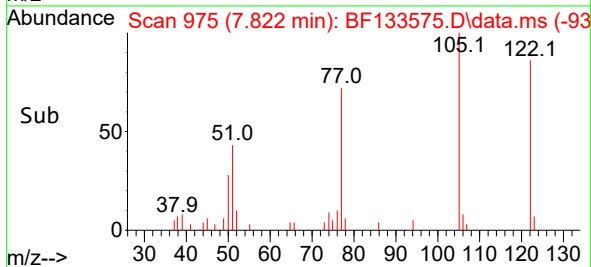
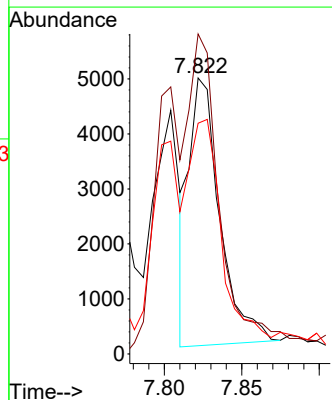
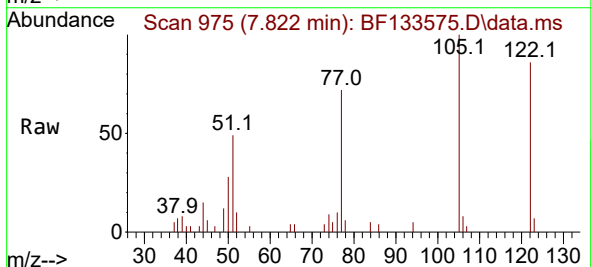
Instrument :
BNA_F
ClientSampleId :
PB153176BS

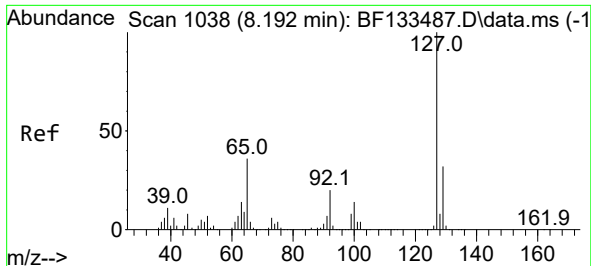
Tgt Ion:128 Resp: 119077
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.5 10.9 16.3



#32
Benzoic acid
Concen: 8.186 ng
RT: 7.822 min Scan# 975
Delta R.T. -0.041 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

Tgt Ion:122 Resp: 6702
Ion Ratio Lower Upper
122 100
105 115.9 103.3 143.3
77 83.6 75.7 115.7

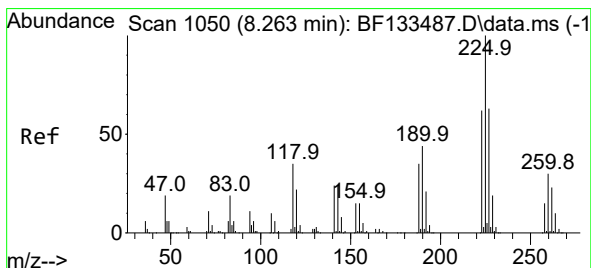
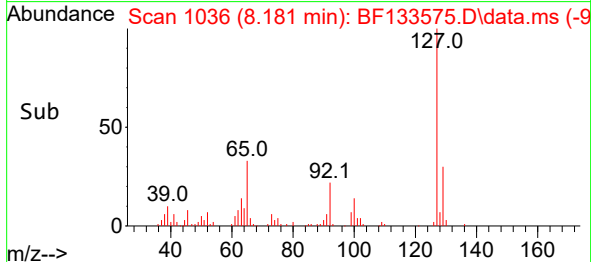
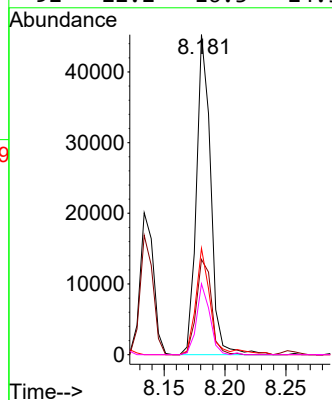
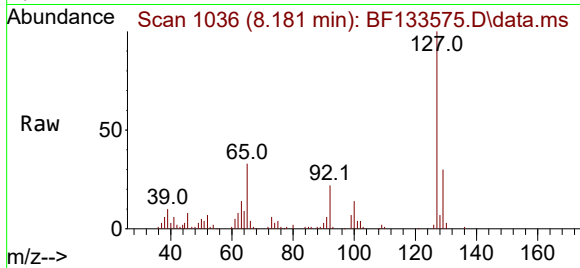




#33
4-Chloroaniline
Concen: 2.580 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

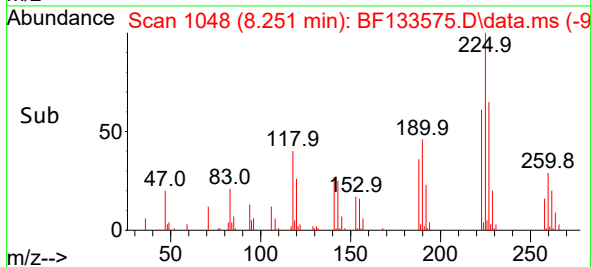
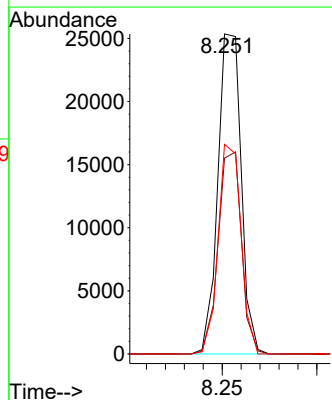
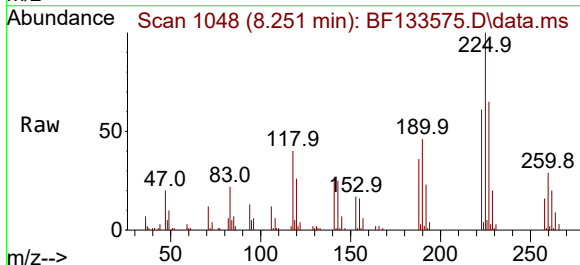
Instrument :
BNA_F
ClientSampleId :
PB153176BS

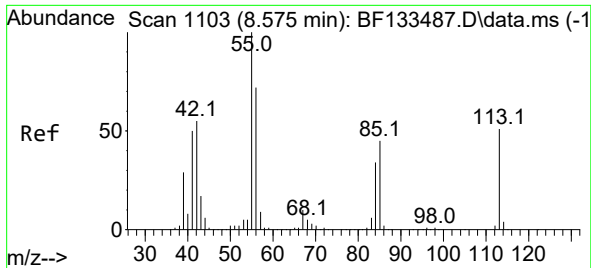
Tgt Ion:	127	Resp:	37176
Ion	Ratio	Lower	Upper
127	100		
129	29.8	25.9	38.9
65	33.2	29.0	43.6
92	22.2	16.3	24.5



#34
Hexachlorobutadiene
Concen: 3.567 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

Tgt Ion:	225	Resp:	21746
Ion	Ratio	Lower	Upper
225	100		
223	61.2	49.8	74.8
227	65.5	50.2	75.4

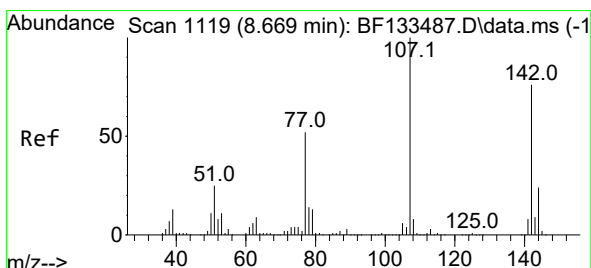
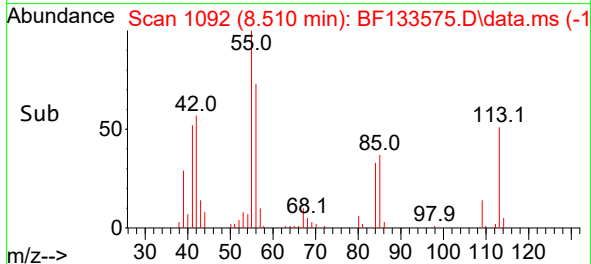
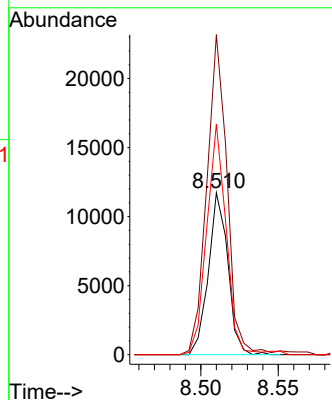
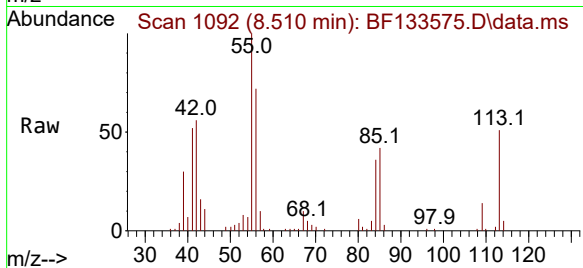




#35
 Caprolactam
 Concen: 3.365 ng
 RT: 8.510 min Scan# 1103
 Delta R.T. -0.047 min
 Lab File: BF133575.D
 Acq: 05 Jun 2023 20:12

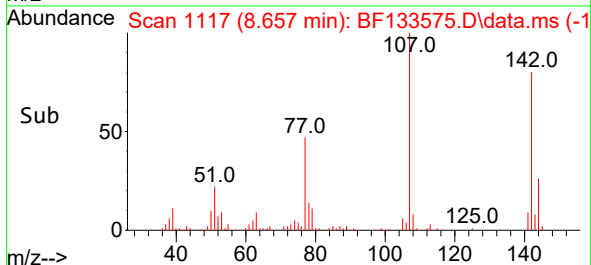
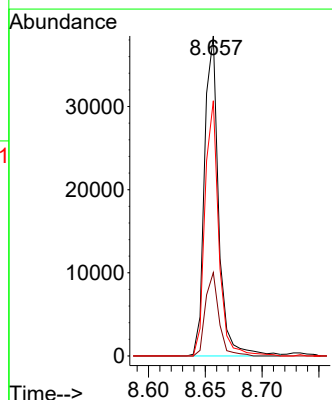
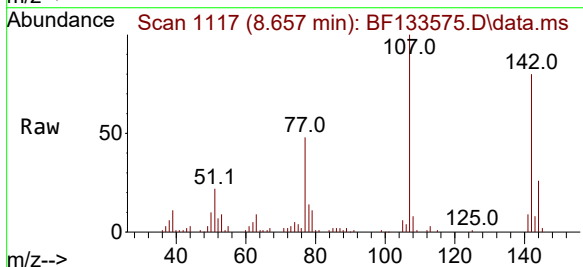
Instrument :
 BNA_F
 ClientSampleId :
 PB153176BS

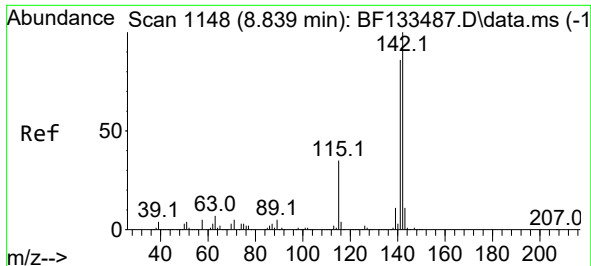
Tgt Ion:113 Resp: 10226
 Ion Ratio Lower Upper
 113 100
 55 197.6 177.5 217.5
 56 142.5 122.3 162.3



#36
 4-Chloro-3-methylphenol
 Concen: 3.220 ng
 RT: 8.657 min Scan# 1117
 Delta R.T. -0.006 min
 Lab File: BF133575.D
 Acq: 05 Jun 2023 20:12

Tgt Ion:107 Resp: 33428
 Ion Ratio Lower Upper
 107 100
 144 26.0 19.4 29.0
 142 79.8 60.5 90.7

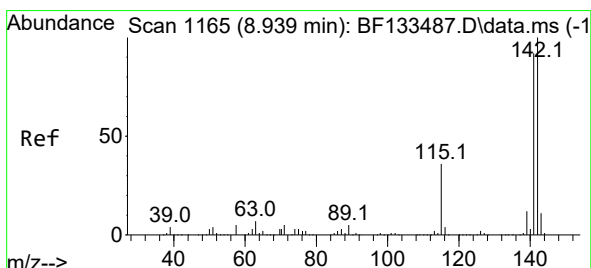
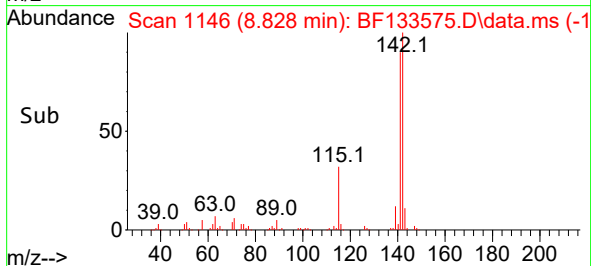
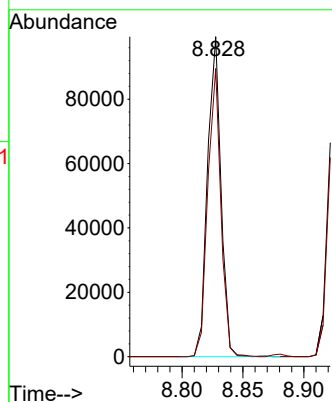
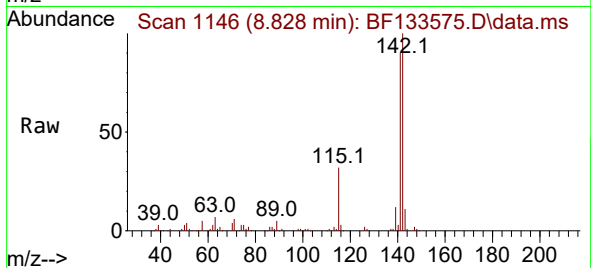




#37
2-Methylnaphthalene
Concen: 3.324 ng
RT: 8.828 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

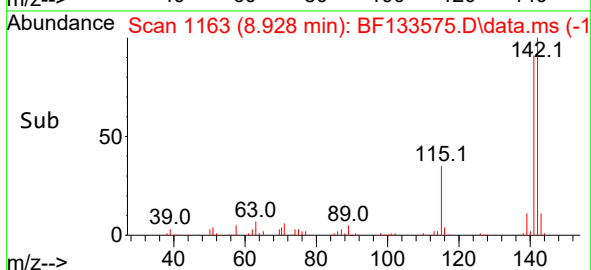
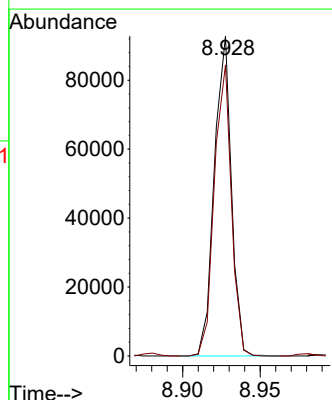
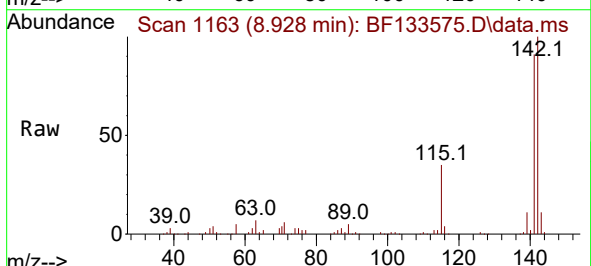
Instrument :
BNA_F
ClientSampleId :
PB153176BS

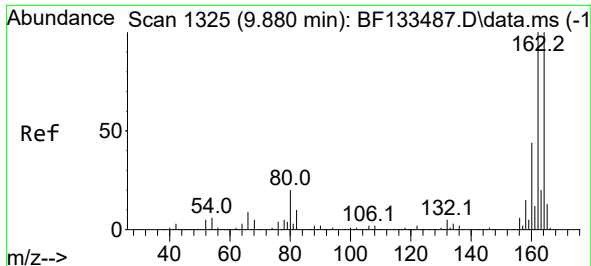
Tgt Ion:142 Resp: 76305
Ion Ratio Lower Upper
142 100
141 90.1 69.2 103.8



#38
1-Methylnaphthalene
Concen: 3.324 ng
RT: 8.928 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

Tgt Ion:142 Resp: 71136
Ion Ratio Lower Upper
142 100
141 91.0 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133575.D

Acq: 05 Jun 2023 20:12

Instrument :

BNA_F

ClientSampleId :

PB153176BS

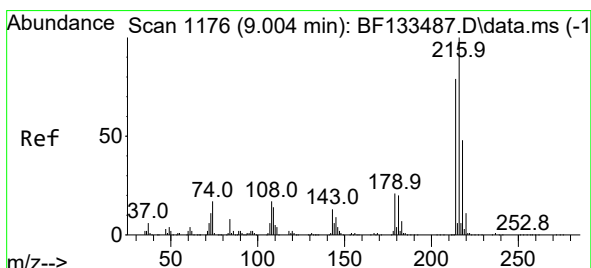
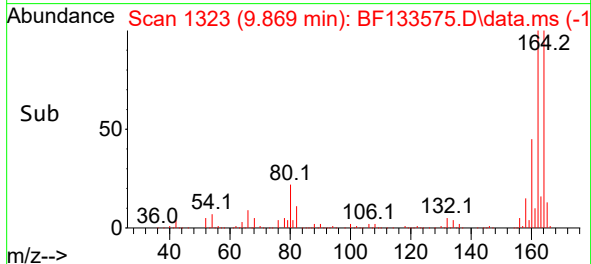
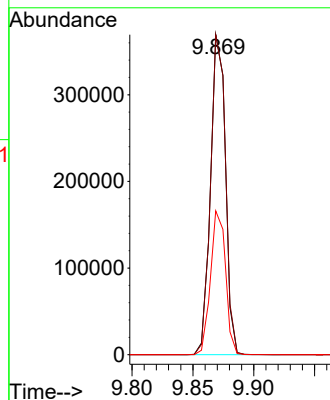
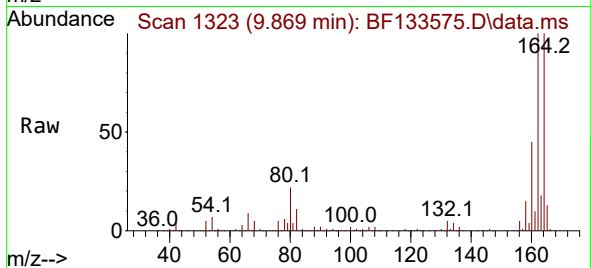
Tgt Ion:164 Resp: 315270

Ion Ratio Lower Upper

164 100

162 99.9 79.7 119.5

160 44.9 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 3.663 ng

RT: 8.992 min Scan# 1174

Delta R.T. 0.000 min

Lab File: BF133575.D

Acq: 05 Jun 2023 20:12

Tgt Ion:216 Resp: 34226

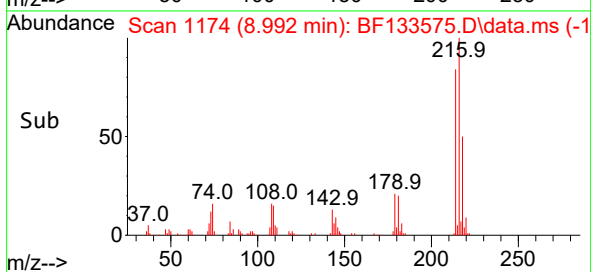
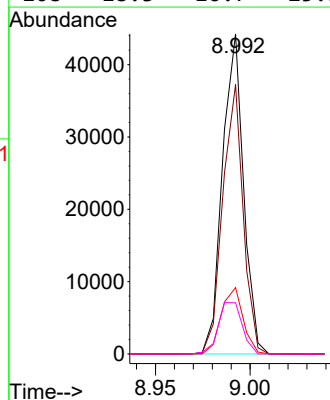
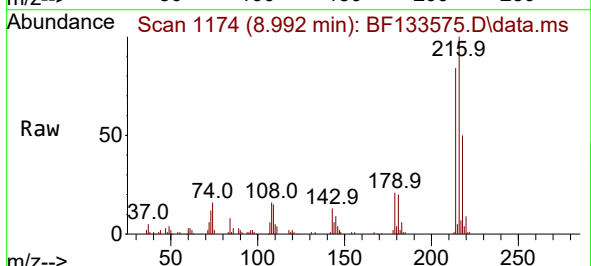
Ion Ratio Lower Upper

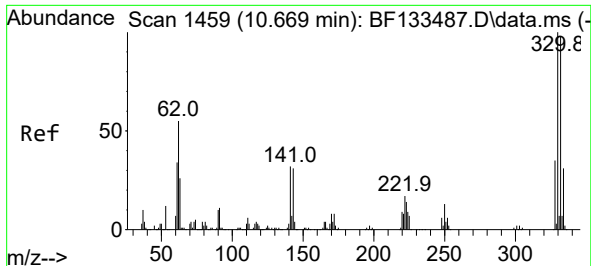
216 100

214 81.4 63.2 94.8

179 21.5 17.3 25.9

108 18.3 16.7 25.1





#42

2,4,6-Tribromophenol

Concen: 9.185 ng

RT: 10.657 min Scan# 1457

Delta R.T. -0.006 min

Lab File: BF133575.D

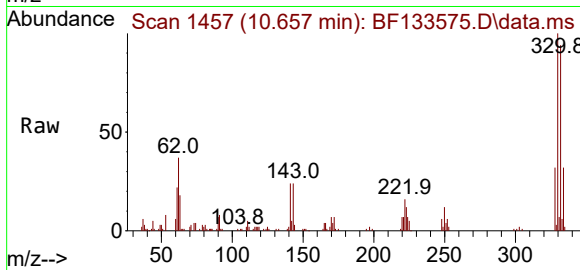
Acq: 05 Jun 2023 20:12

Instrument :

BNA_F

ClientSampleId :

PB153176BS



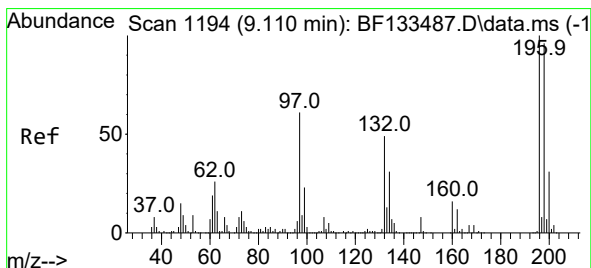
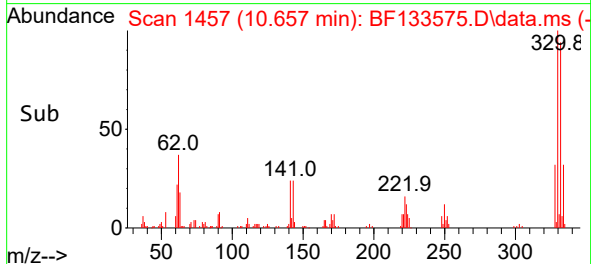
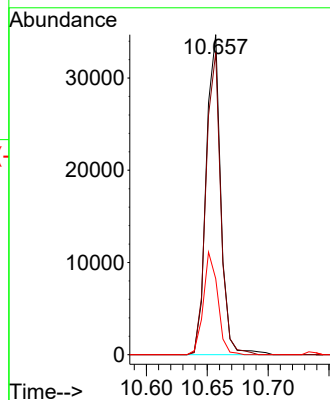
Tgt Ion:330 Resp: 28866

Ion Ratio Lower Upper

330 100

332 95.2 77.8 116.6

141 31.5 26.6 40.0



#43

2,4,6-Trichlorophenol

Concen: 3.366 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF133575.D

Acq: 05 Jun 2023 20:12

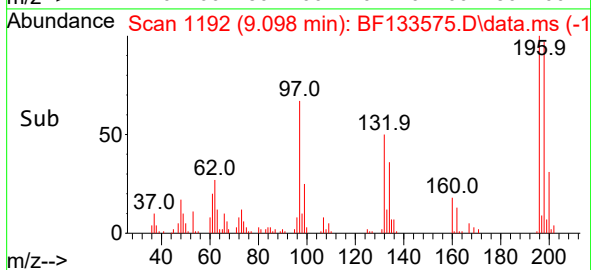
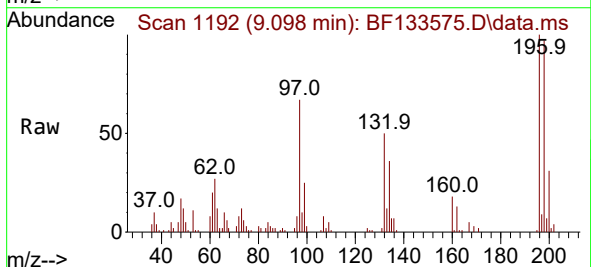
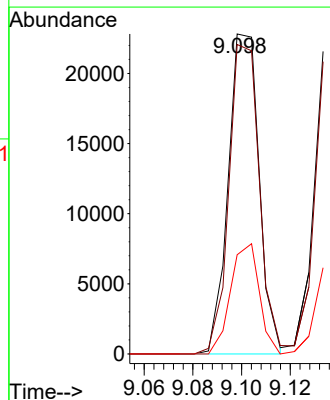
Tgt Ion:196 Resp: 20127

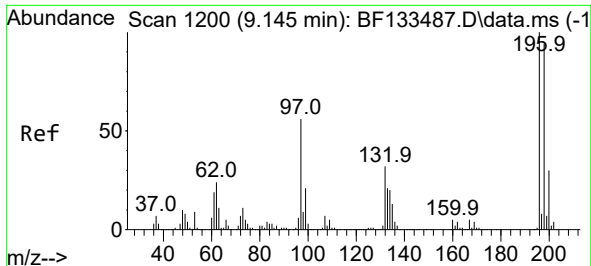
Ion Ratio Lower Upper

196 100

198 96.7 76.6 115.0

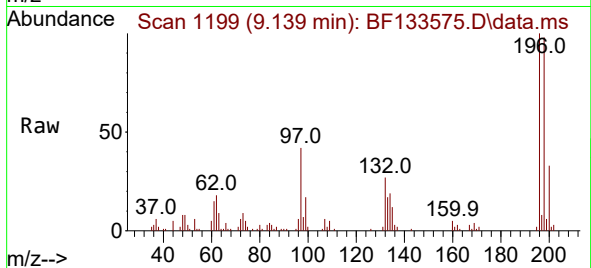
200 31.0 24.6 37.0



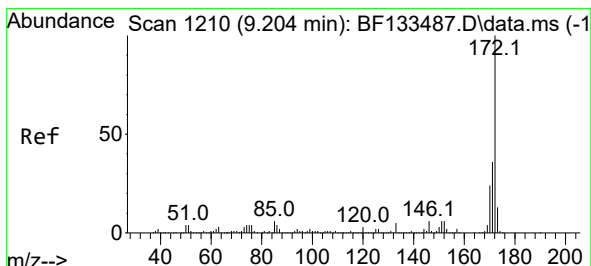
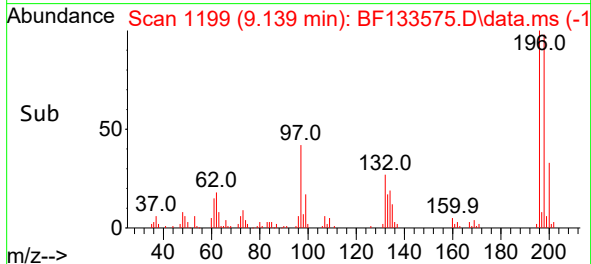
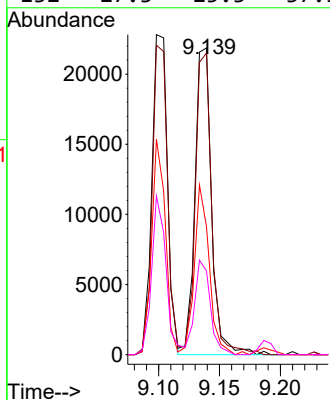


#44
2,4,5-Trichlorophenol
Concen: 3.014 ng
RT: 9.139 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

Instrument :
BNA_F
ClientSampleId :
PB153176BS

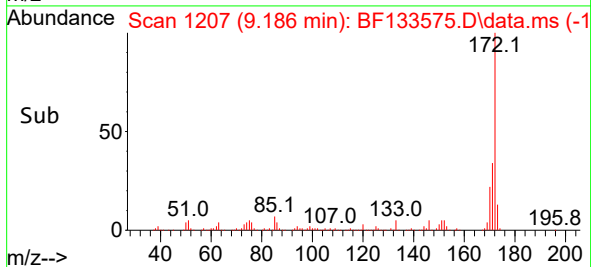
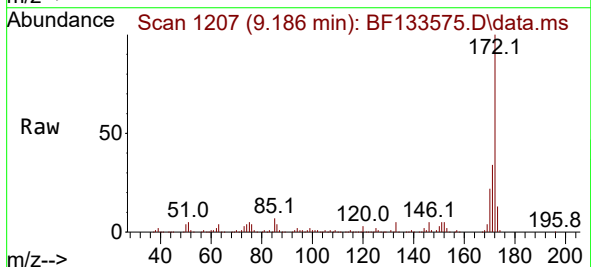
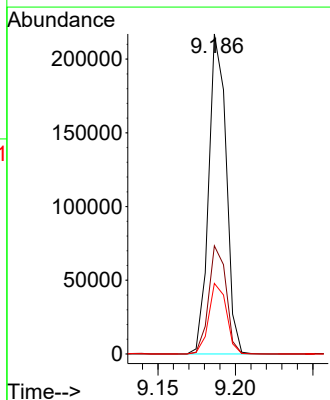


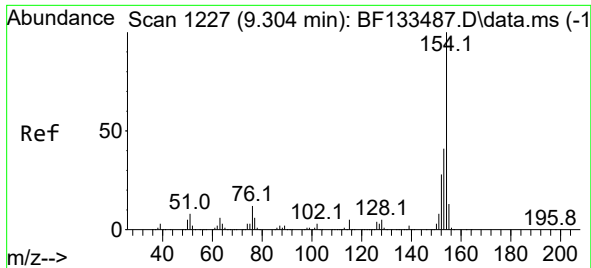
Tgt Ion:196 Resp: 20916
Ion Ratio Lower Upper
196 100
198 98.4 75.3 112.9
97 41.7 44.9 67.3#
132 27.3 25.3 37.9



#45
2-Fluorobiphenyl
Concen: 8.356 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

Tgt Ion:172 Resp: 170682
Ion Ratio Lower Upper
172 100
171 33.8 28.4 42.6
170 22.0 19.3 28.9

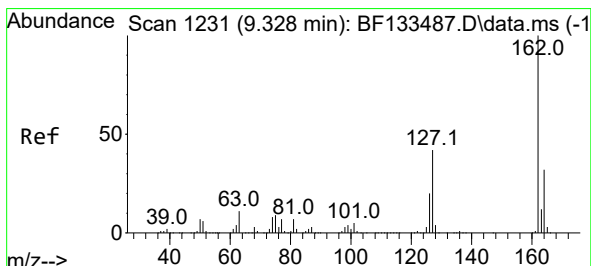
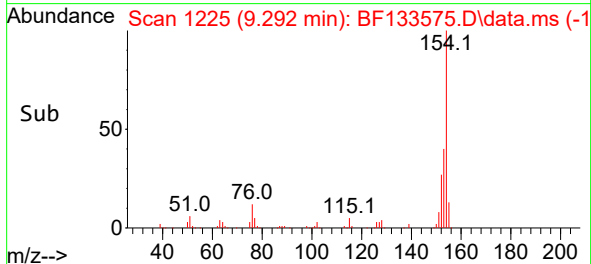
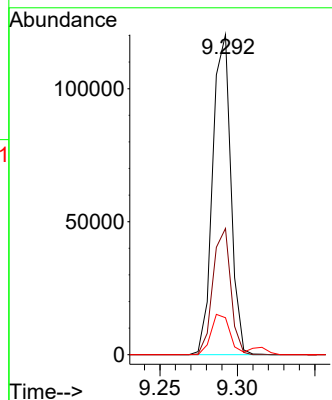
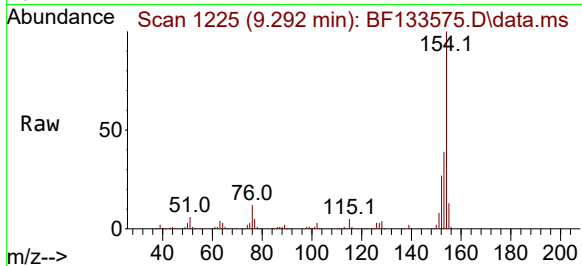




#46
1,1'-Biphenyl
Concen: 3.827 ng
RT: 9.292 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

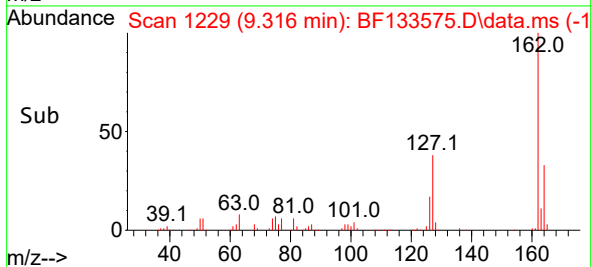
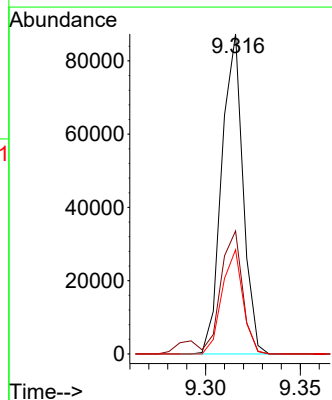
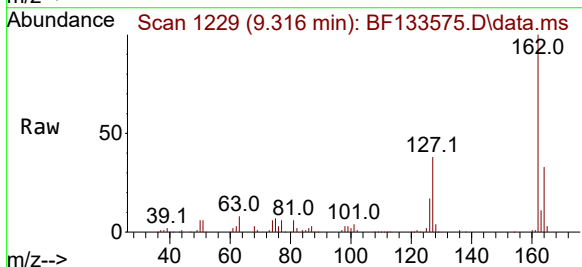
Instrument :
BNA_F
ClientSampleId :
PB153176BS

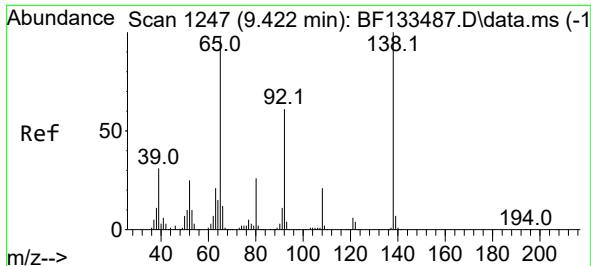
Tgt Ion:154 Resp: 98026
Ion Ratio Lower Upper
154 100
153 39.5 21.0 61.0
76 11.5 0.0 32.5



#47
2-Chloronaphthalene
Concen: 3.670 ng
RT: 9.316 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

Tgt Ion:162 Resp: 68137
Ion Ratio Lower Upper
162 100
127 38.5 33.2 49.8
164 32.6 26.0 39.0

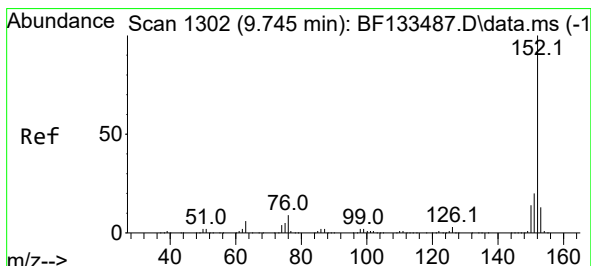
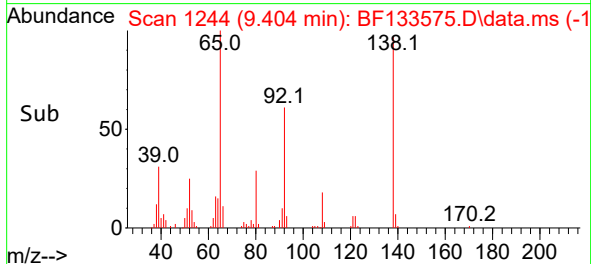
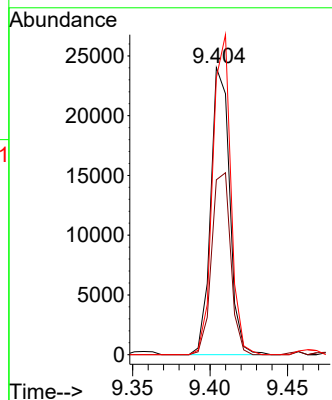
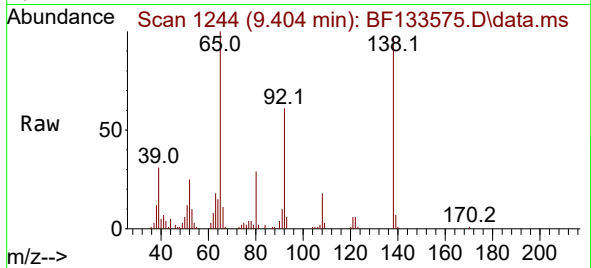




#48
2-Nitroaniline
Concen: 7.124 ng
RT: 9.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

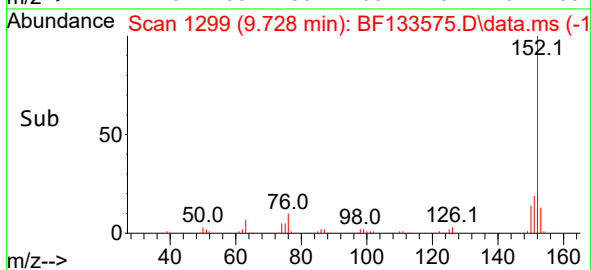
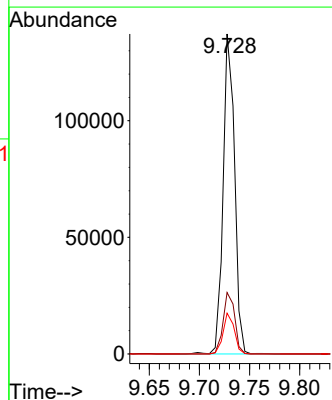
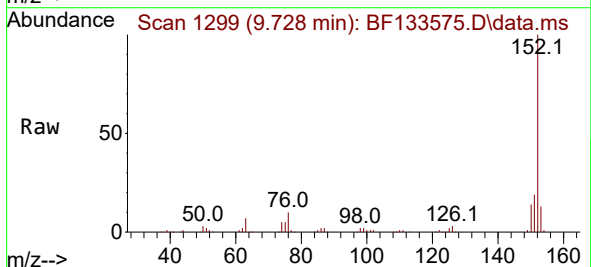
Instrument :
BNA_F
ClientSampleId :
PB153176BS

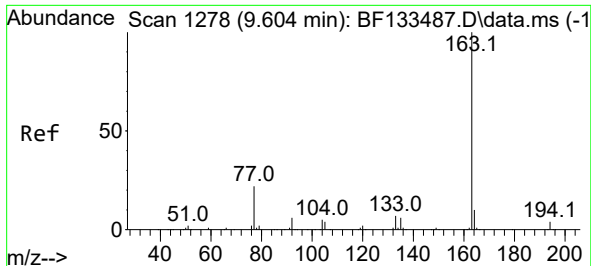
Tgt Ion: 65 Resp: 20371
Ion Ratio Lower Upper
65 100
92 61.0 50.8 76.2
138 96.5 82.6 124.0



#49
Acenaphthylene
Concen: 3.424 ng
RT: 9.728 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

Tgt Ion: 152 Resp: 108461
Ion Ratio Lower Upper
152 100
151 19.2 16.0 24.0
153 12.7 10.4 15.6

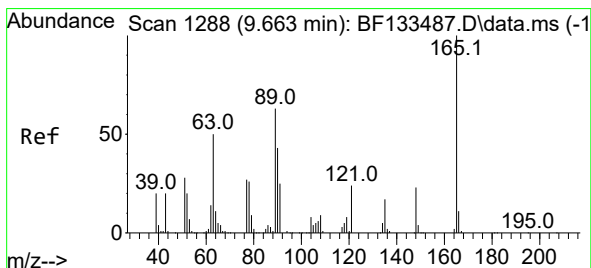
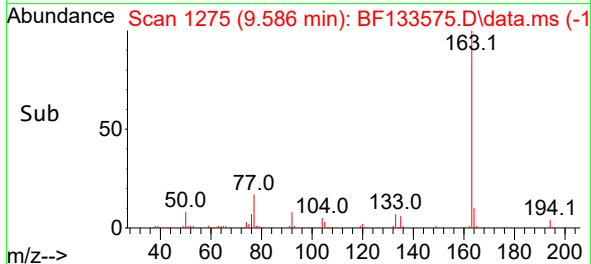
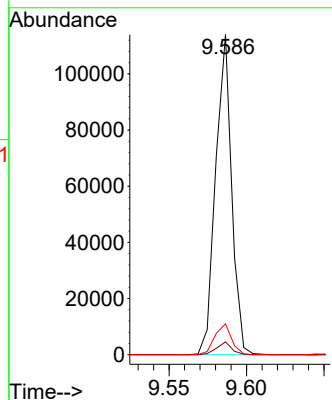
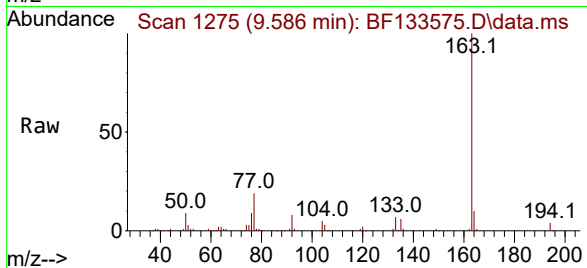




#50
Dimethylphthalate
Concen: 3.693 ng
RT: 9.586 min Scan# 1275
Delta R.T. -0.012 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

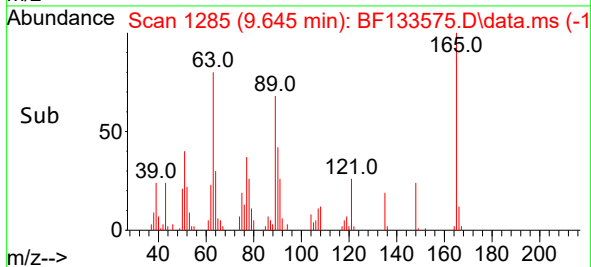
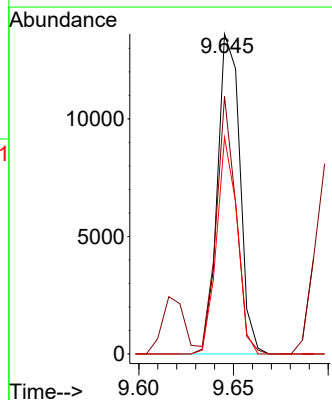
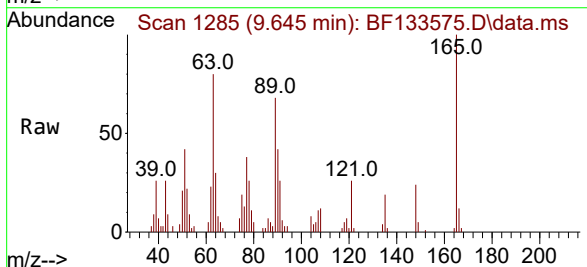
Instrument :
BNA_F
ClientSampleId :
PB153176BS

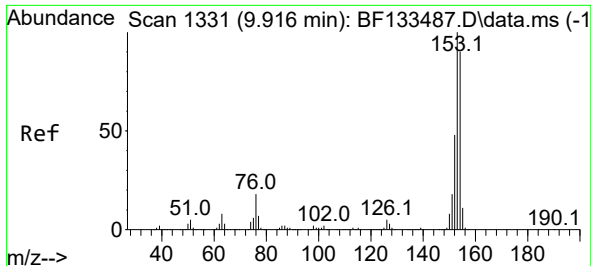
Tgt Ion:163 Resp: 81824
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 9.6 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 6.134 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.012 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

Tgt Ion:165 Resp: 11187
Ion Ratio Lower Upper
165 100
63 80.5 57.0 85.4
89 67.7 50.8 76.2

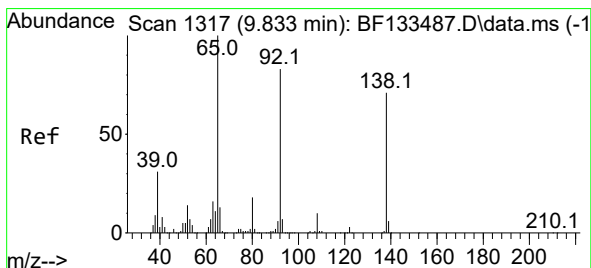
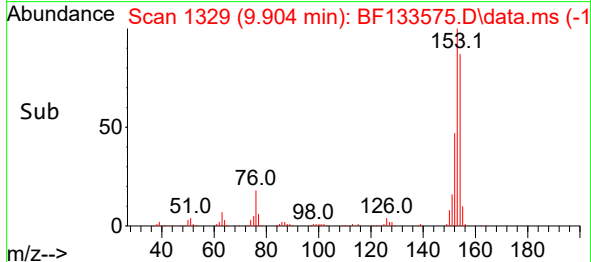
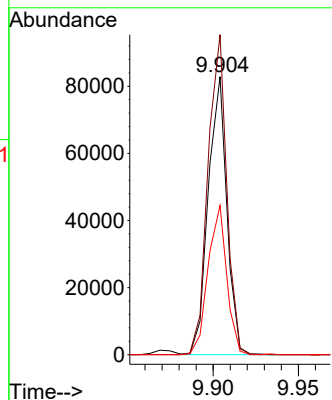
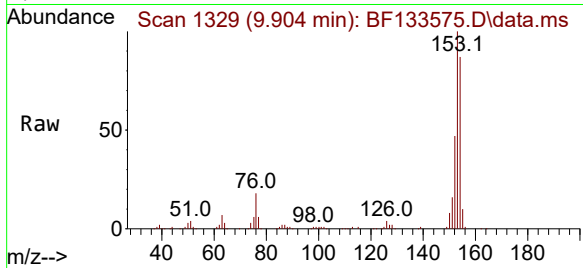




#52
Acenaphthene
Concen: 3.275 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

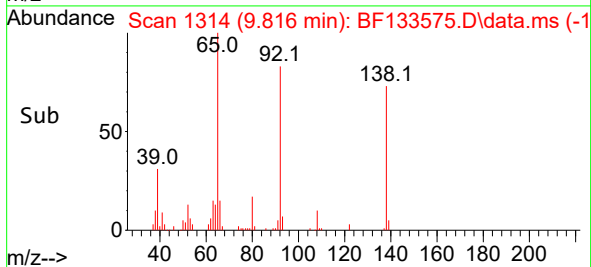
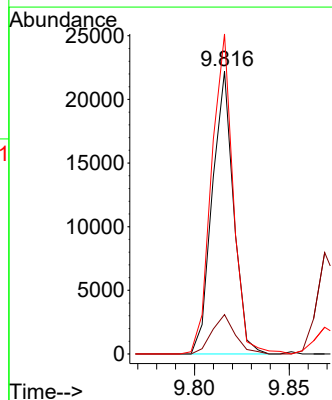
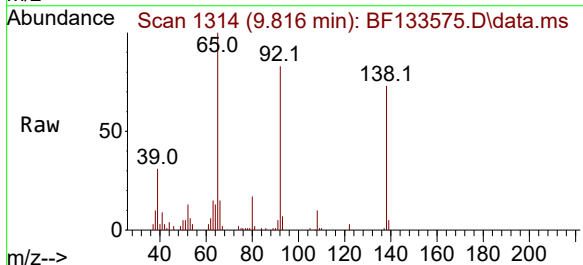
Instrument :
BNA_F
ClientSampleId :
PB153176BS

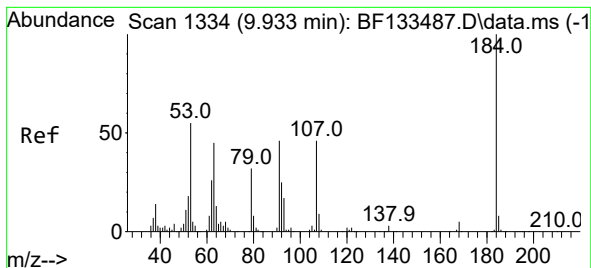
Tgt Ion:154 Resp: 62841
Ion Ratio Lower Upper
154 100
153 115.1 89.2 133.8
152 53.6 43.1 64.7



#53
3-Nitroaniline
Concen: 6.250 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

Tgt Ion:138 Resp: 17365
Ion Ratio Lower Upper
138 100
108 13.9 11.9 17.9
92 113.2 93.1 139.7

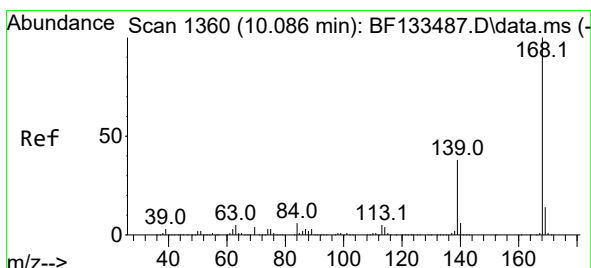
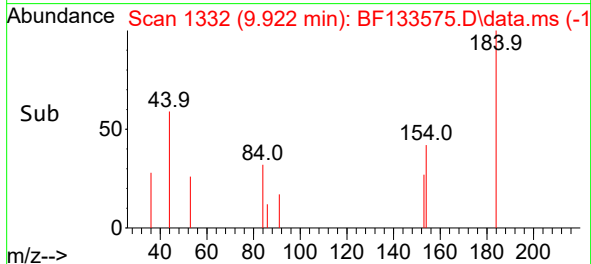
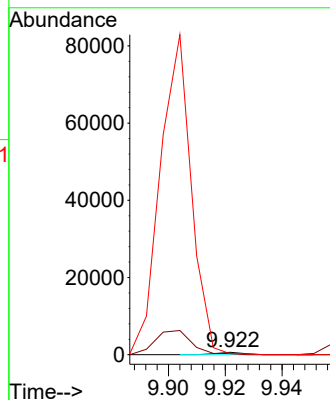
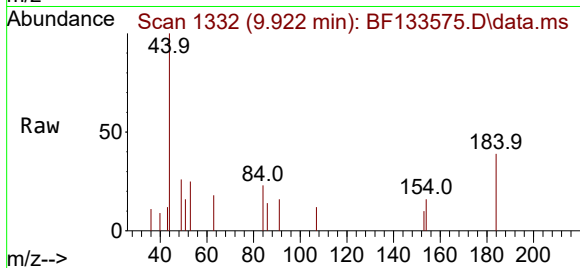




#54
2,4-Dinitrophenol
Concen: 6.763 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

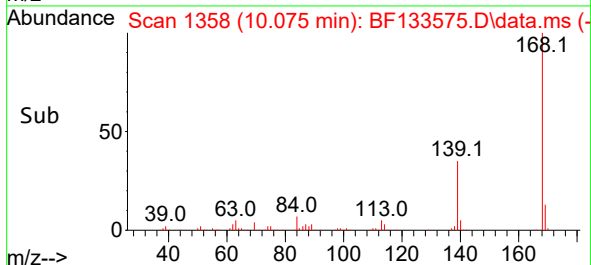
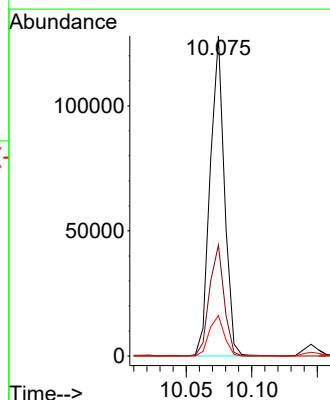
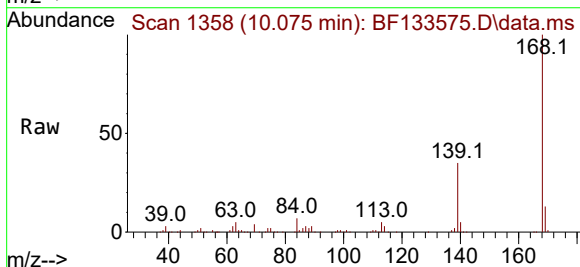
Instrument :
BNA_F
ClientSampleId :
PB153176BS

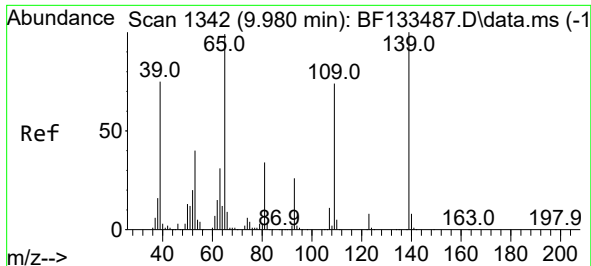
Tgt Ion:184 Resp: 399
Ion Ratio Lower Upper
184 100
63 46.2 55.7 83.5#
154 41.7 49.3 73.9#



#55
Dibenzofuran
Concen: 3.405 ng
RT: 10.075 min Scan# 1358
Delta R.T. -0.006 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

Tgt Ion:168 Resp: 97214
Ion Ratio Lower Upper
168 100
139 34.7 30.6 46.0
169 12.6 10.9 16.3

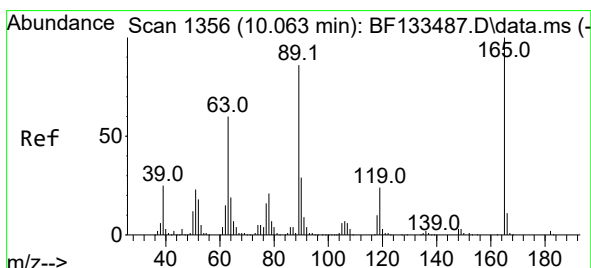
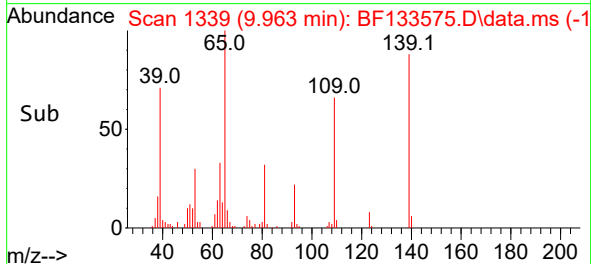
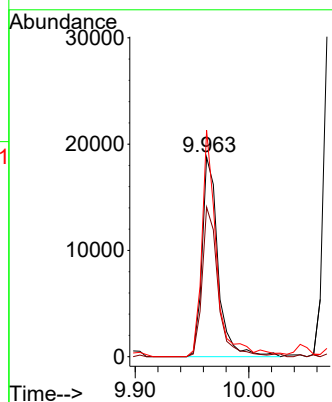
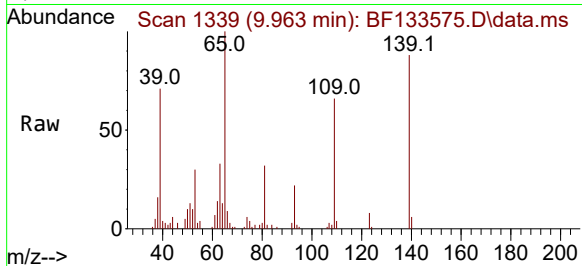




#56
4-Nitrophenol
Concen: 4.851 ng
RT: 9.963 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

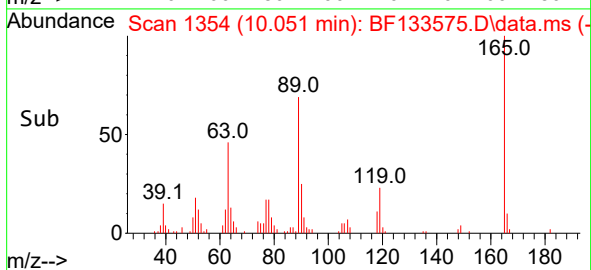
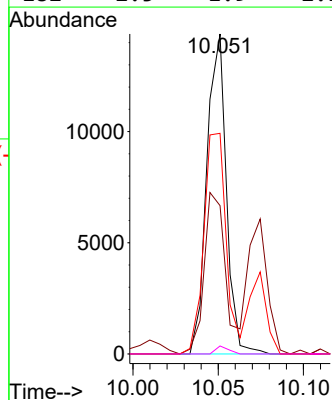
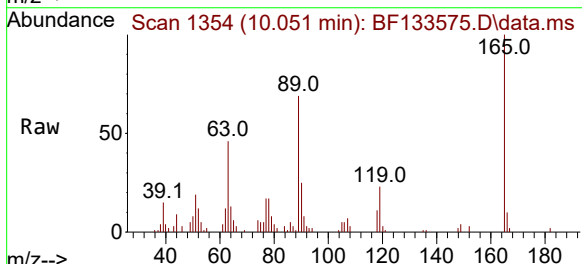
Instrument :
BNA_F
ClientSampleId :
PB153176BS

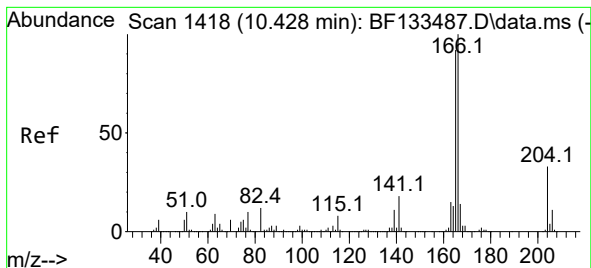
Tgt Ion:139 Resp: 18390
Ion Ratio Lower Upper
139 100
109 75.0 54.5 94.5
65 113.5 79.5 119.5



#57
2,4-Dinitrotoluene
Concen: 6.713 ng
RT: 10.051 min Scan# 1354
Delta R.T. -0.006 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

Tgt Ion:165 Resp: 11417
Ion Ratio Lower Upper
165 100
63 46.3 48.1 72.1#
89 68.9 68.4 102.6
182 2.5 1.9 2.9





#58

Fluorene

Concen: 3.491 ng

RT: 10.416 min Scan# 1418

Delta R.T. -0.006 min

Lab File: BF133575.D

Acq: 05 Jun 2023 20:12

Instrument :

BNA_F

ClientSampleId :

PB153176BS

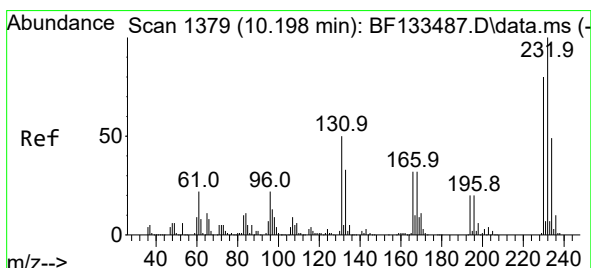
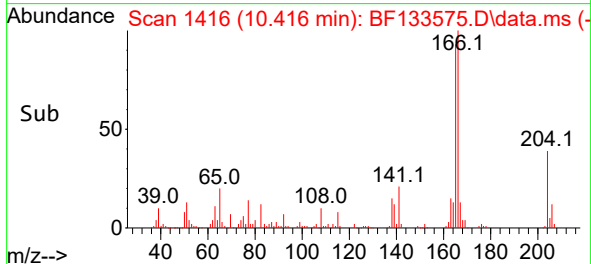
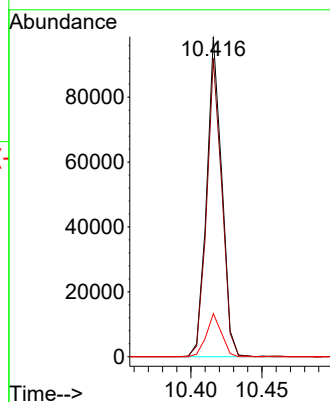
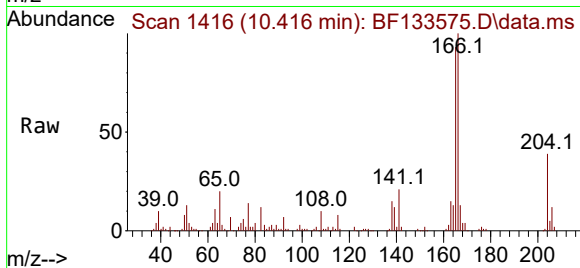
Tgt Ion:166 Resp: 73014

Ion Ratio Lower Upper

166 100

165 93.2 73.4 110.0

167 13.5 10.9 16.3



#59

2,3,4,6-Tetrachlorophenol

Concen: 3.113 ng

RT: 10.186 min Scan# 1377

Delta R.T. -0.006 min

Lab File: BF133575.D

Acq: 05 Jun 2023 20:12

Tgt Ion:232 Resp: 16271

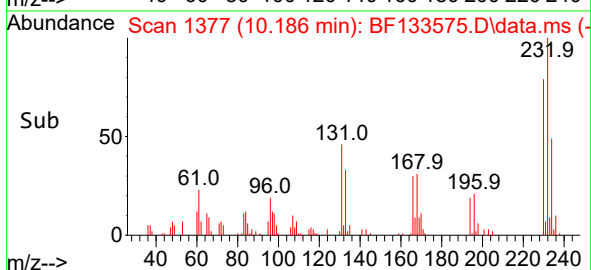
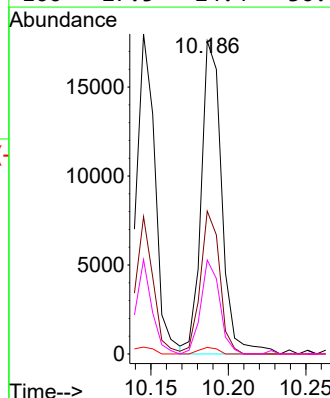
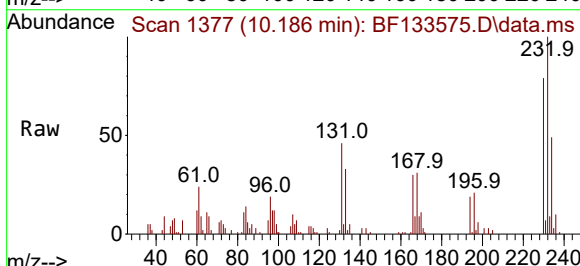
Ion Ratio Lower Upper

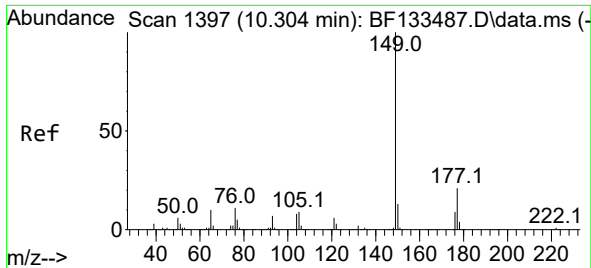
232 100

131 42.5 37.9 56.9

130 1.9 1.8 2.6

166 27.5 24.4 36.6

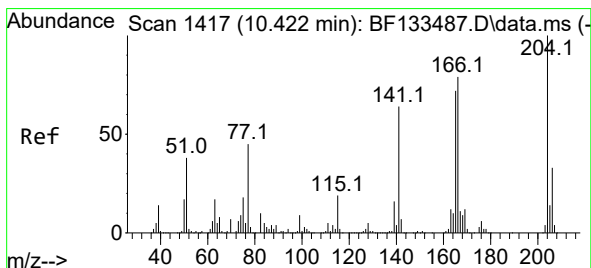
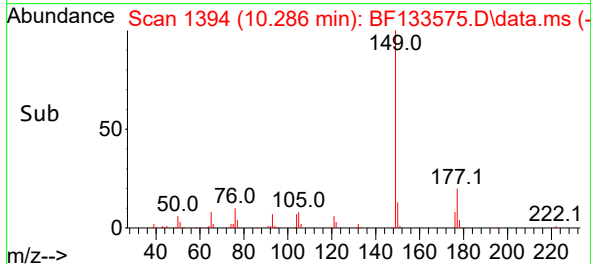
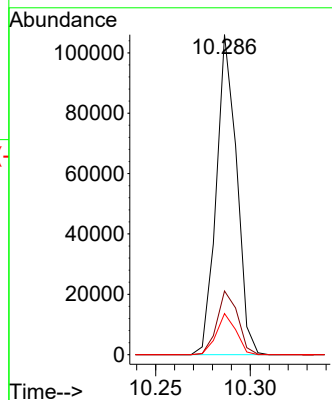
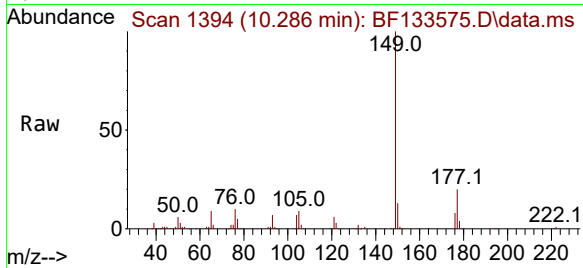




#60
Diethylphthalate
Concen: 3.446 ng
RT: 10.286 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

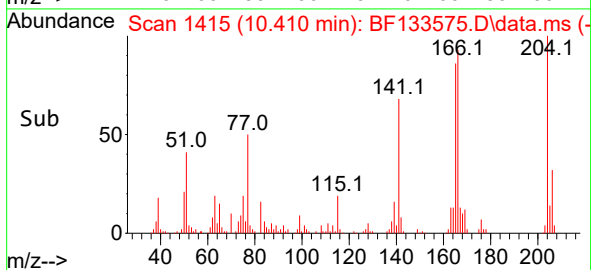
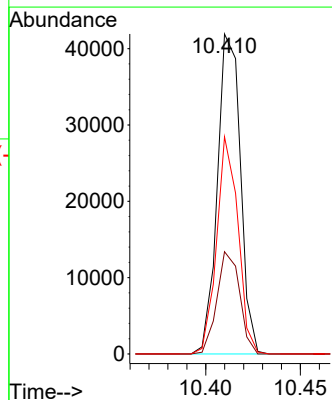
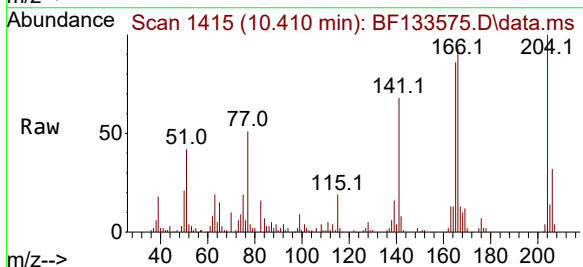
Instrument :
BNA_F
ClientSampleId :
PB153176BS

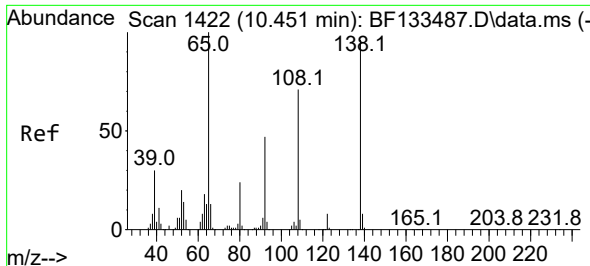
Tgt Ion:149 Resp: 79257
Ion Ratio Lower Upper
149 100
177 19.9 17.1 25.7
150 12.9 10.2 15.2



#61
4-Chlorophenyl-phenylether
Concen: 3.537 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

Tgt Ion:204 Resp: 35526
Ion Ratio Lower Upper
204 100
206 32.0 26.2 39.2
141 67.9 51.4 77.2

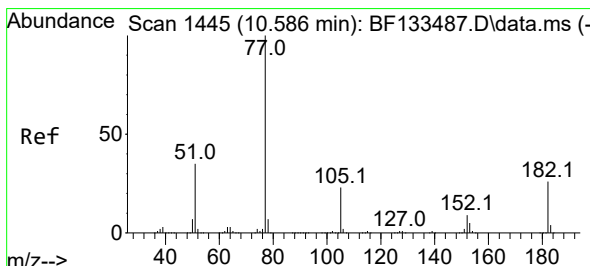
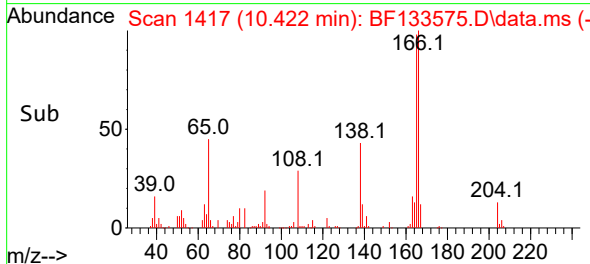
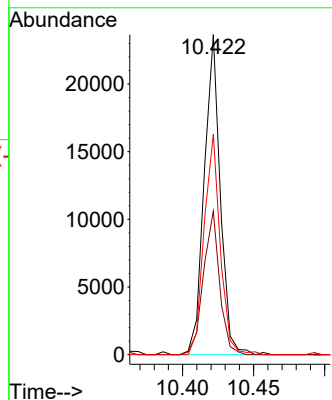
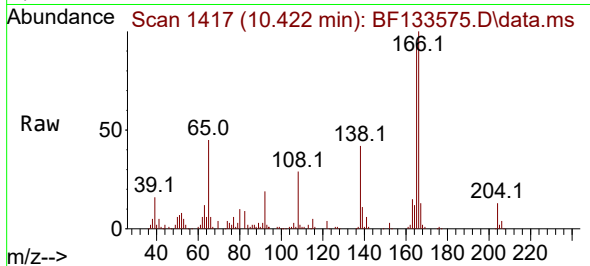




#62
4-Nitroaniline
Concen: 6.268 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.018 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

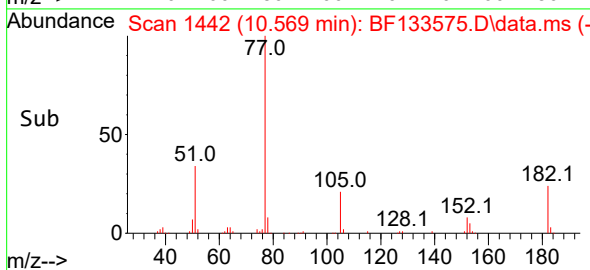
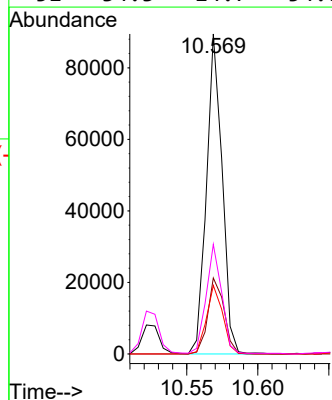
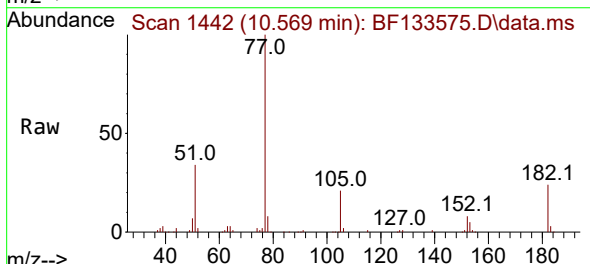
Instrument :
BNA_F
ClientSampleId :
PB153176BS

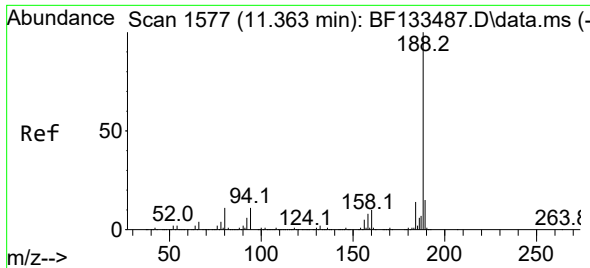
Tgt Ion:138 Resp: 18633
Ion Ratio Lower Upper
138 100
92 44.9 28.4 68.4
108 68.8 54.2 94.2



#63
Azobenzene
Concen: 2.983 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

Tgt Ion: 77 Resp: 68692
Ion Ratio Lower Upper
77 100
182 23.8 5.6 45.6
105 21.4 2.6 42.6
51 34.3 14.7 54.7

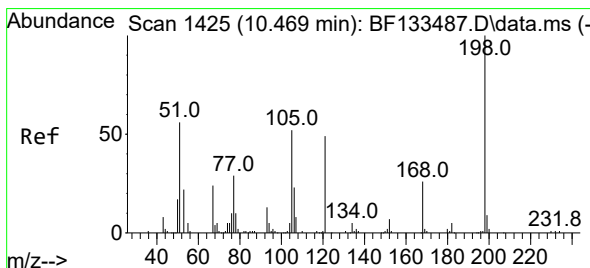
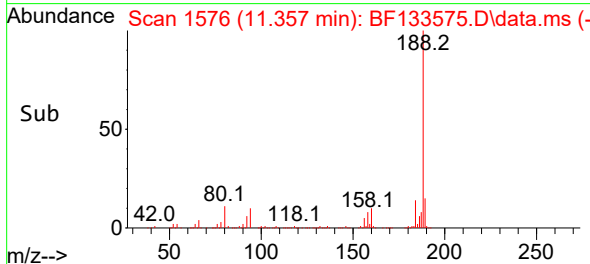
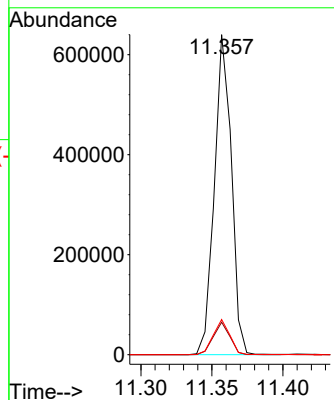
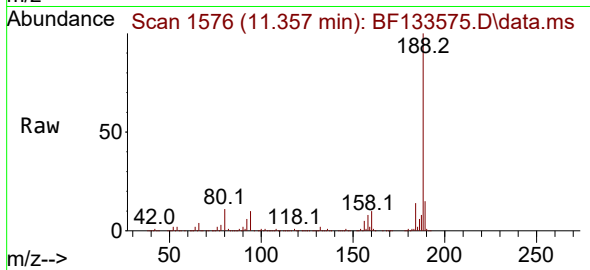




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

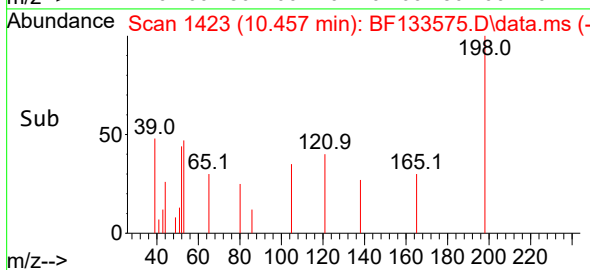
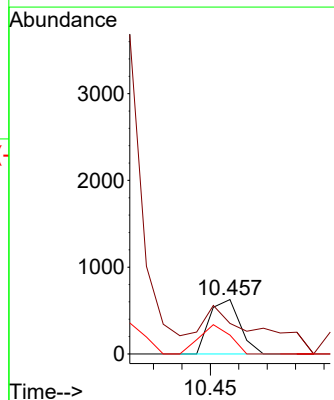
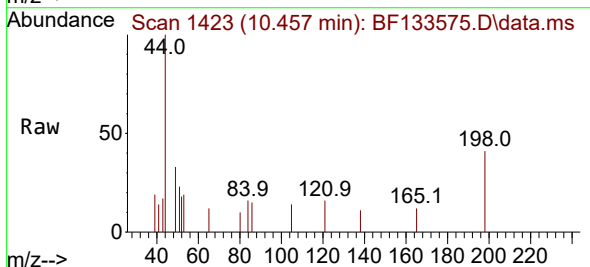
Instrument :
BNA_F
ClientSampleId :
PB153176BS

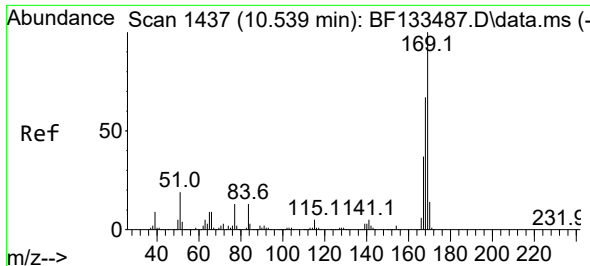
Tgt Ion:188 Resp: 532142
Ion Ratio Lower Upper
188 100
94 10.2 8.6 12.8
80 11.0 9.2 13.8



#65
4,6-Dinitro-2-methylphenol
Concen: 8.887 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

Tgt Ion:198 Resp: 466
Ion Ratio Lower Upper
198 100
51 56.2 53.6 93.6
105 34.7 35.9 75.9#

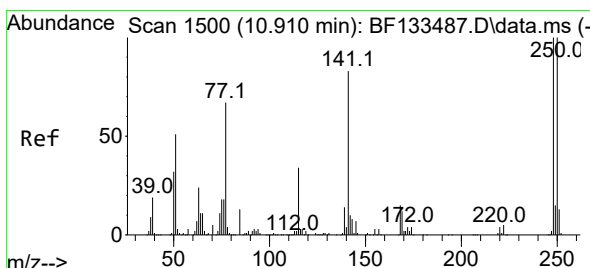
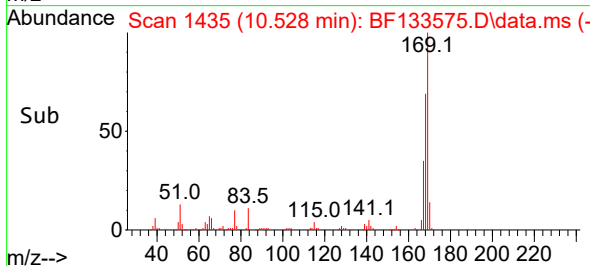
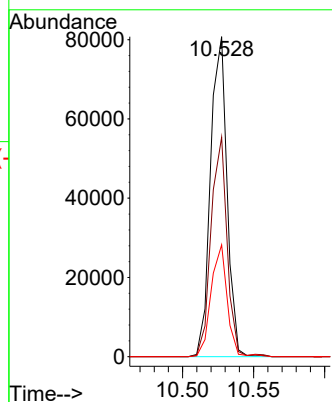
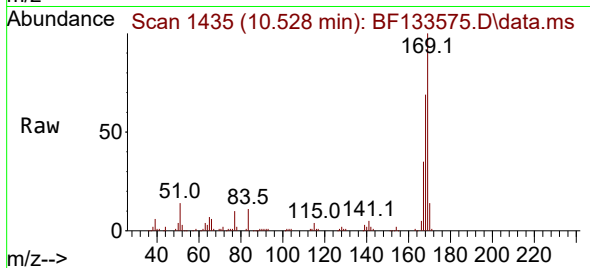




#66
 n-Nitrosodiphenylamine
 Concen: 3.789 ng
 RT: 10.528 min Scan# 1435
 Delta R.T. -0.006 min
 Lab File: BF133575.D
 Acq: 05 Jun 2023 20:12

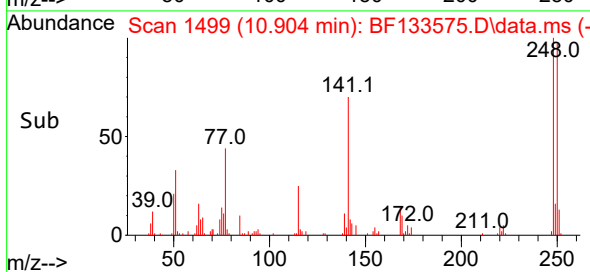
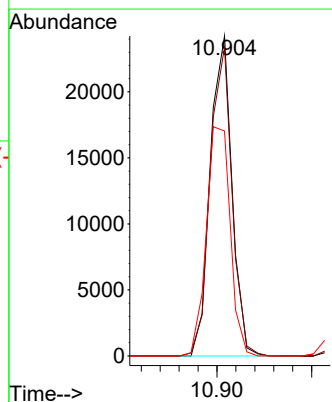
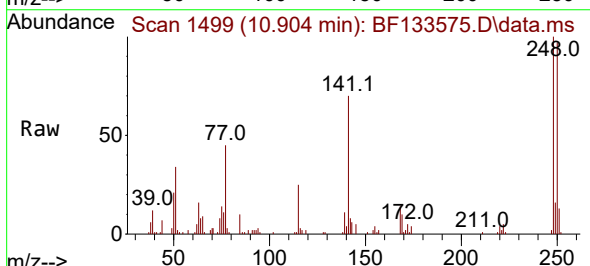
Instrument :
 BNA_F
 ClientSampleId :
 PB153176BS

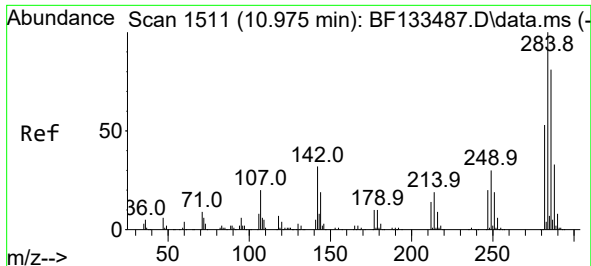
Tgt Ion:169 Resp: 65453
 Ion Ratio Lower Upper
 169 100
 168 68.6 53.7 80.5
 167 35.0 29.6 44.4



#67
 4-Bromophenyl-phenylether
 Concen: 3.414 ng
 RT: 10.904 min Scan# 1499
 Delta R.T. 0.000 min
 Lab File: BF133575.D
 Acq: 05 Jun 2023 20:12

Tgt Ion:248 Resp: 19292
 Ion Ratio Lower Upper
 248 100
 250 96.6 79.7 119.5
 141 70.3 66.6 100.0

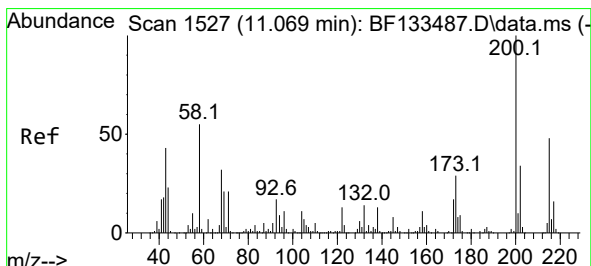
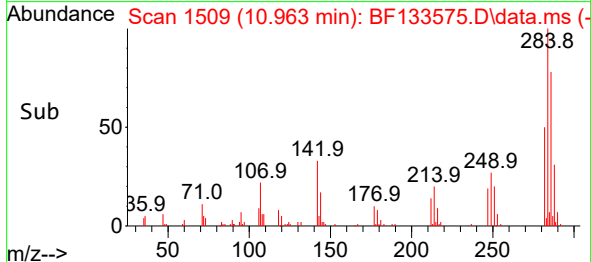
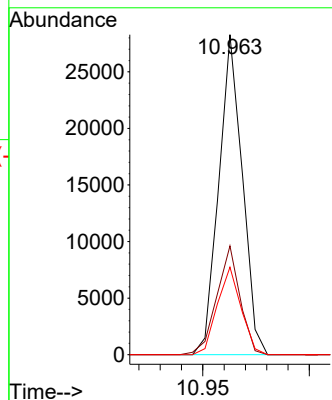
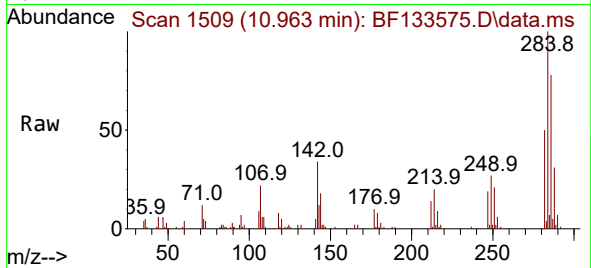




#68
Hexachlorobenzene
Concen: 3.670 ng
RT: 10.963 min Scan# 1509
Delta R.T. 0.000 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

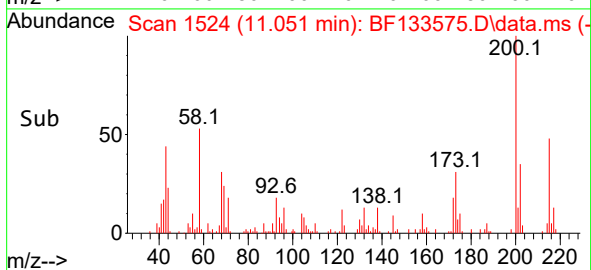
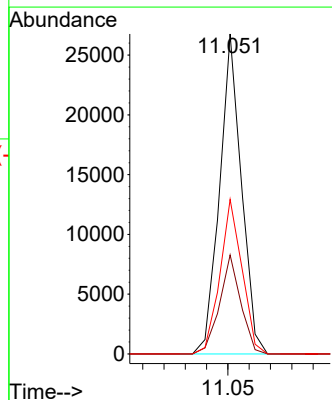
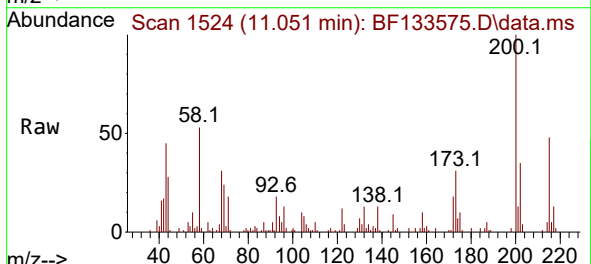
Instrument :
BNA_F
ClientSampleId :
PB153176BS

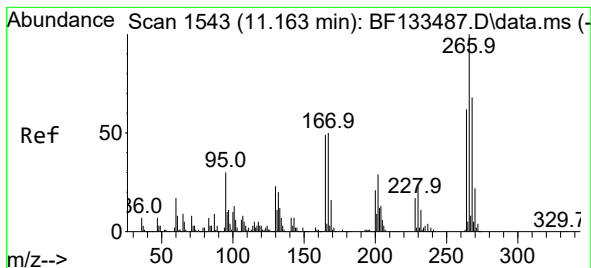
Tgt Ion:284 Resp: 21687
Ion Ratio Lower Upper
284 100
142 34.0 25.8 38.6
249 27.4 24.4 36.6



#69
Atrazine
Concen: 4.014 ng
RT: 11.051 min Scan# 1524
Delta R.T. -0.006 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

Tgt Ion:200 Resp: 19025
Ion Ratio Lower Upper
200 100
173 31.0 9.0 49.0
215 48.3 27.6 67.6





#70

Pentachlorophenol

Concen: 4.952 ng

RT: 11.157 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133575.D

Acq: 05 Jun 2023 20:12

Instrument :

BNA_F

ClientSampleId :

PB153176BS

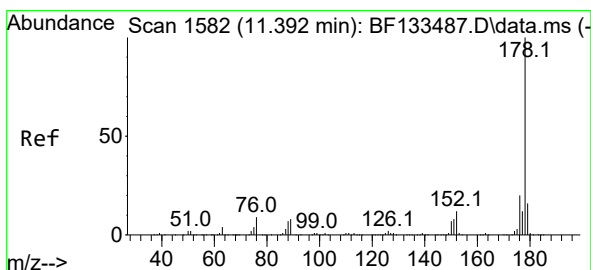
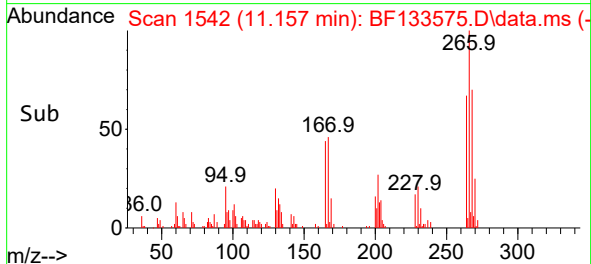
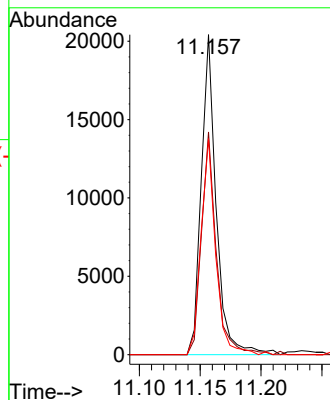
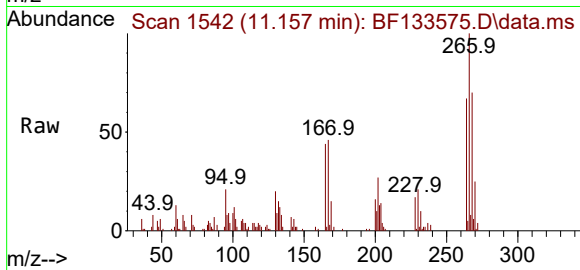
Tgt Ion:266 Resp: 17500

Ion Ratio Lower Upper

266 100

268 69.6 54.6 82.0

264 67.5 49.2 73.8



#71

Phenanthrene

Concen: 3.518 ng

RT: 11.380 min Scan# 1580

Delta R.T. -0.006 min

Lab File: BF133575.D

Acq: 05 Jun 2023 20:12

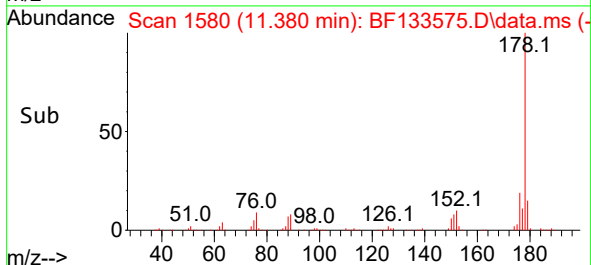
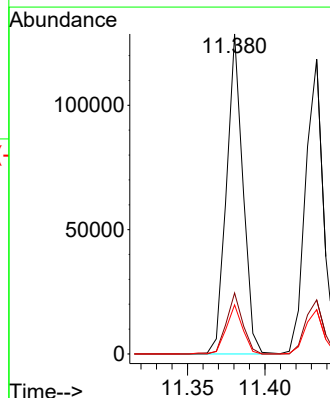
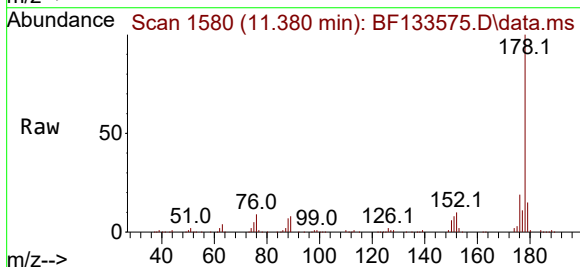
Tgt Ion:178 Resp: 94808

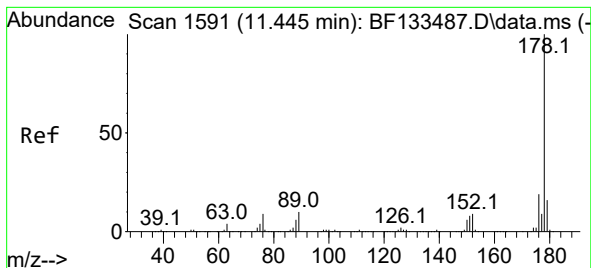
Ion Ratio Lower Upper

178 100

176 19.0 15.6 23.4

179 15.4 12.4 18.6





#72

Anthracene

Concen: 3.379 ng

RT: 11.433 min Scan# 1589

Delta R.T. 0.000 min

Lab File: BF133575.D

Acq: 05 Jun 2023 20:12

Instrument :

BNA_F

ClientSampleId :

PB153176BS

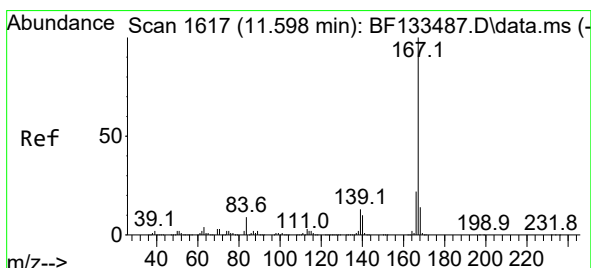
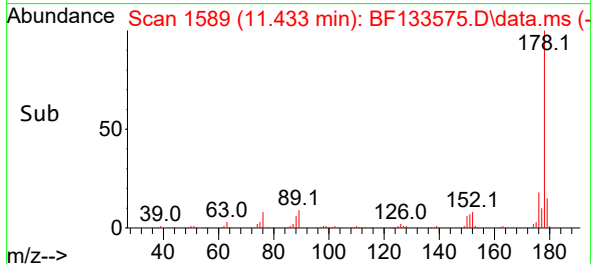
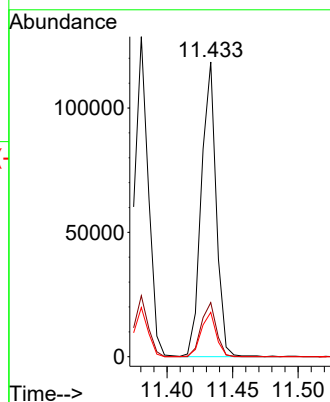
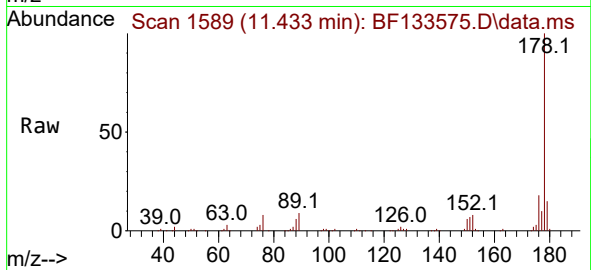
Tgt Ion:178 Resp: 93734

Ion Ratio Lower Upper

178 100

176 18.3 15.3 22.9

179 15.1 12.6 18.8



#73

Carbazole

Concen: 3.343 ng

RT: 11.586 min Scan# 1615

Delta R.T. -0.006 min

Lab File: BF133575.D

Acq: 05 Jun 2023 20:12

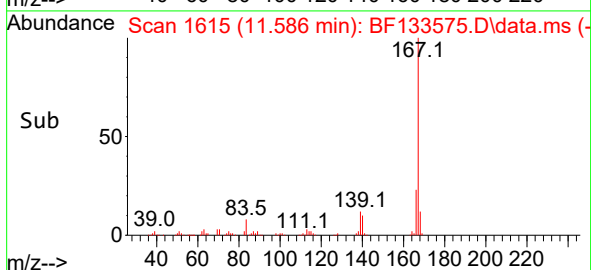
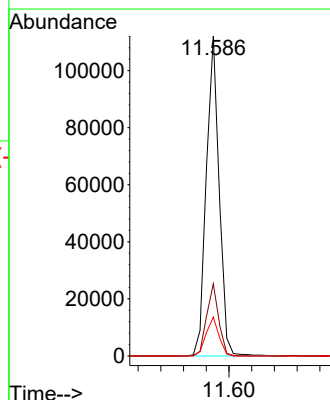
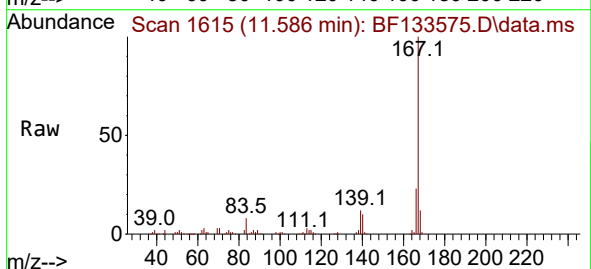
Tgt Ion:167 Resp: 87691

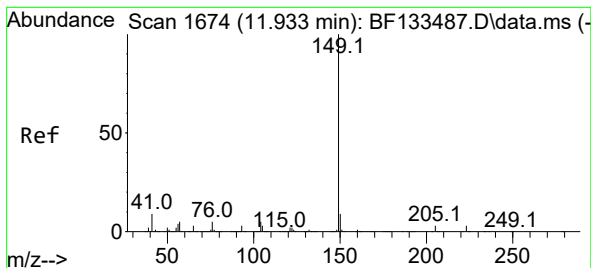
Ion Ratio Lower Upper

167 100

166 22.6 17.3 25.9

139 12.1 10.7 16.1





#74

Di-n-butylphthalate

Concen: 3.564 ng

RT: 11.922 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133575.D

Acq: 05 Jun 2023 20:12

Instrument :

BNA_F

ClientSampleId :

PB153176BS

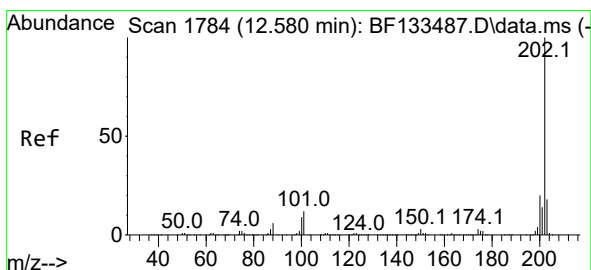
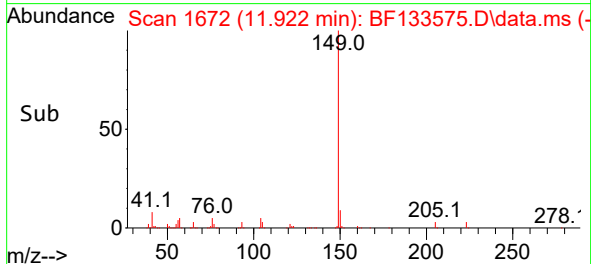
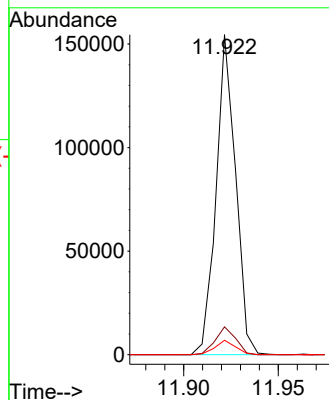
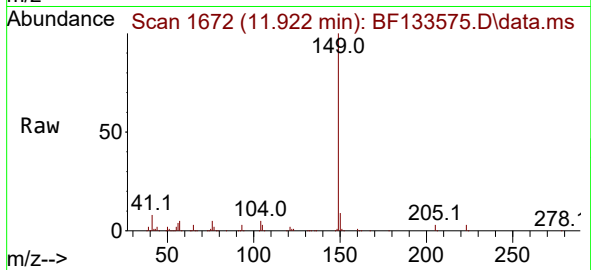
Tgt Ion:149 Resp: 110563

Ion Ratio Lower Upper

149 100

150 8.7 7.4 11.2

104 4.5 3.9 5.9



#75

Fluoranthene

Concen: 3.269 ng

RT: 12.569 min Scan# 1782

Delta R.T. -0.006 min

Lab File: BF133575.D

Acq: 05 Jun 2023 20:12

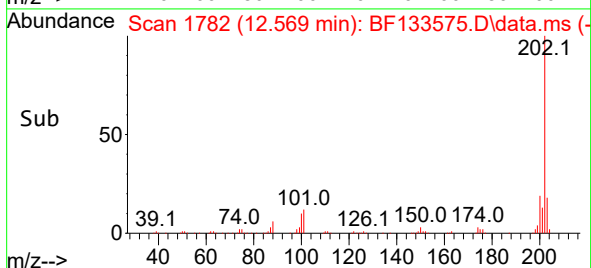
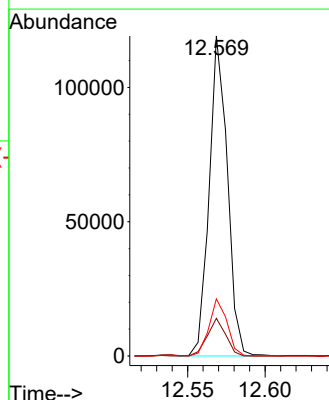
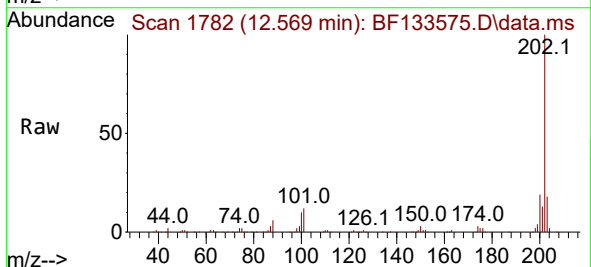
Tgt Ion:202 Resp: 97314

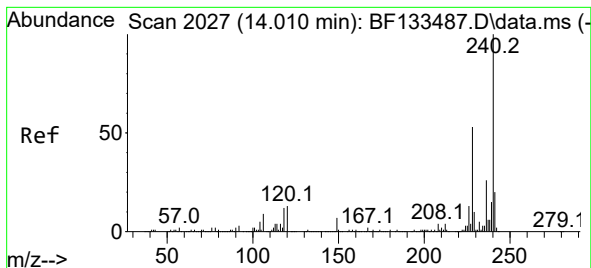
Ion Ratio Lower Upper

202 100

101 11.7 0.0 32.2

203 17.9 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF133575.D

Acq: 05 Jun 2023 20:12

Instrument :

BNA_F

ClientSampleId :

PB153176BS

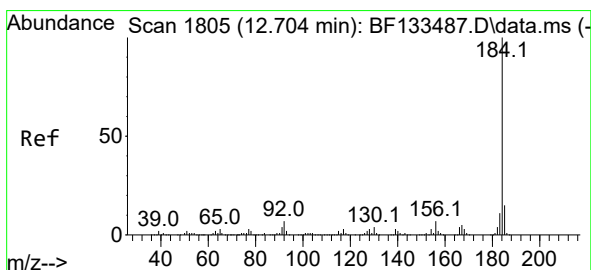
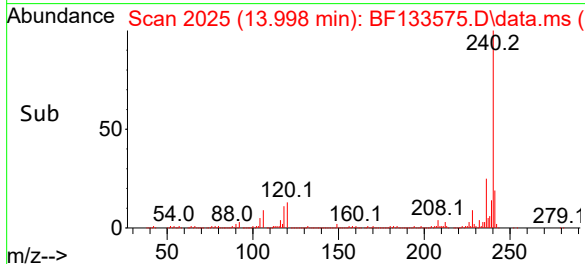
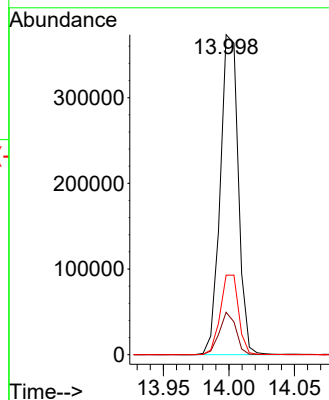
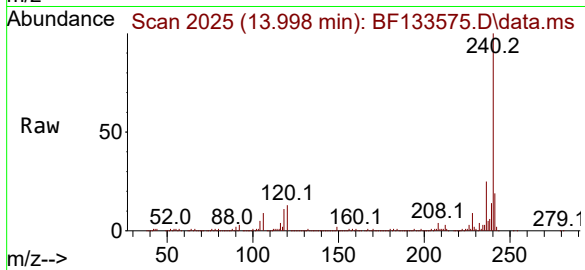
Tgt Ion:240 Resp: 357057

Ion Ratio Lower Upper

240 100

120 13.3 10.3 15.5

236 24.9 20.5 30.7



#77

Benzidine

Concen: 6.090 ng

RT: 12.692 min Scan# 1803

Delta R.T. 0.000 min

Lab File: BF133575.D

Acq: 05 Jun 2023 20:12

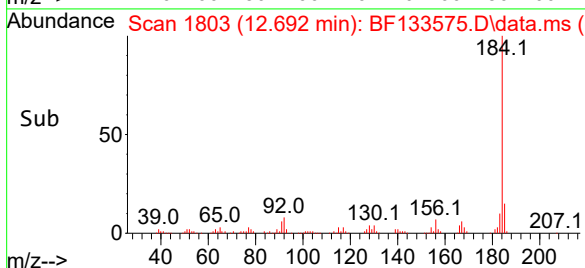
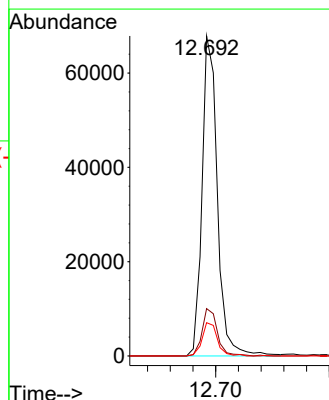
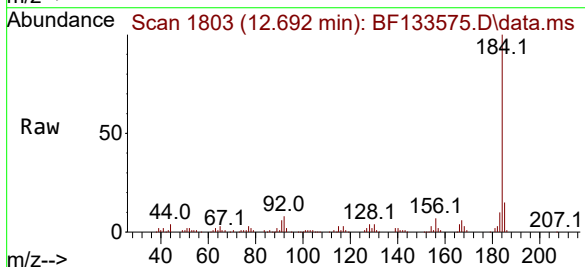
Tgt Ion:184 Resp: 63595

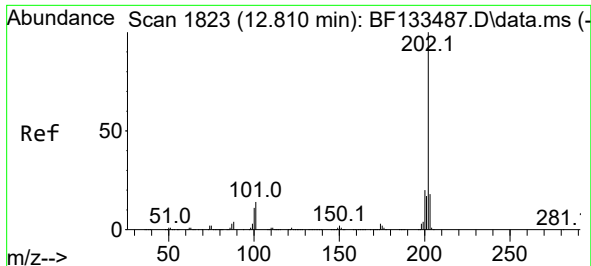
Ion Ratio Lower Upper

184 100

185 14.8 12.2 18.2

183 10.4 8.7 13.1

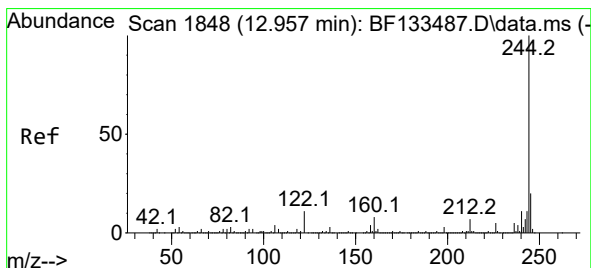
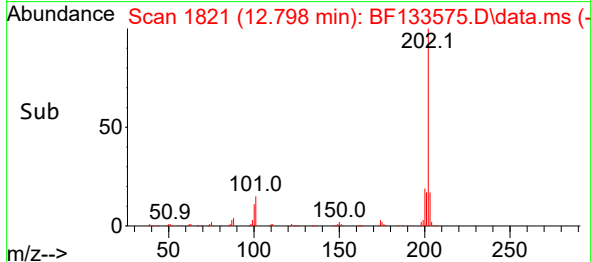
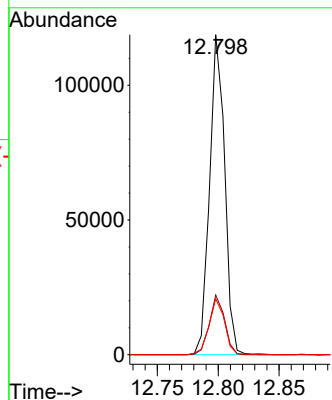
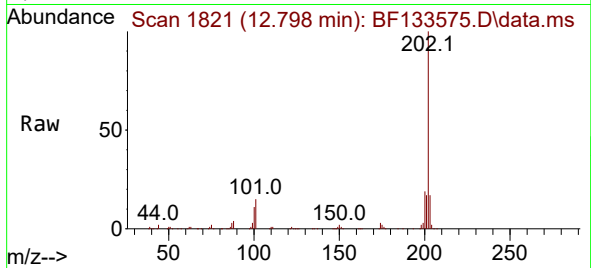




#78
 Pyrene
 Concen: 3.358 ng
 RT: 12.798 min Scan# 1821
 Delta R.T. -0.006 min
 Lab File: BF133575.D
 Acq: 05 Jun 2023 20:12

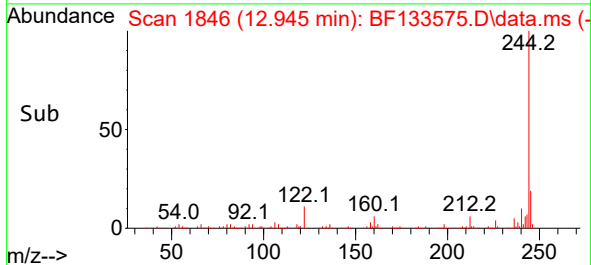
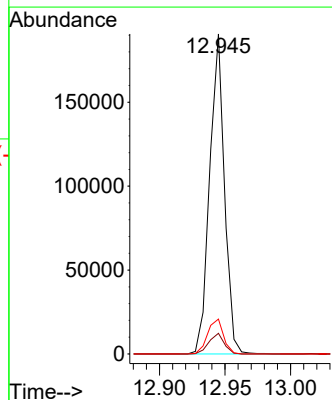
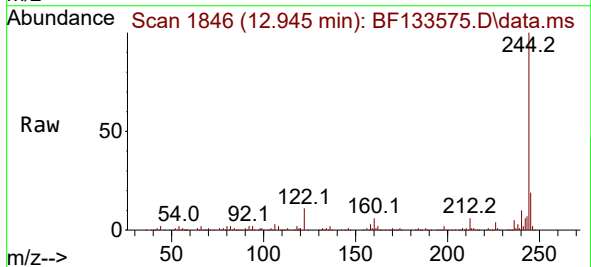
Instrument :
 BNA_F
 ClientSampleId :
 PB153176BS

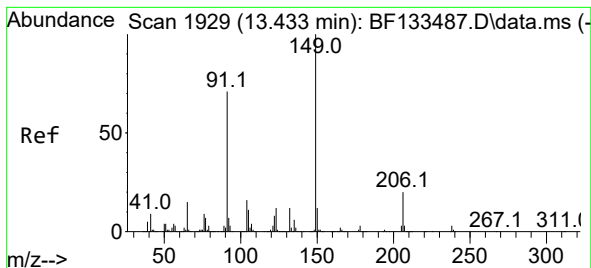
Tgt Ion:202 Resp: 102043
 Ion Ratio Lower Upper
 202 100
 200 18.6 16.3 24.5
 203 17.5 14.3 21.5



#79
 Terphenyl-d14
 Concen: 7.476 ng
 RT: 12.945 min Scan# 1846
 Delta R.T. 0.000 min
 Lab File: BF133575.D
 Acq: 05 Jun 2023 20:12

Tgt Ion:244 Resp: 150126
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.8 8.6
 122 10.9 8.5 12.7





#80

Butylbenzylphthalate

Concen: 3.519 ng

RT: 13.427 min Scan# 1929

Delta R.T. 0.000 min

Lab File: BF133575.D

Acq: 05 Jun 2023 20:12

Instrument :

BNA_F

ClientSampleId :

PB153176BS

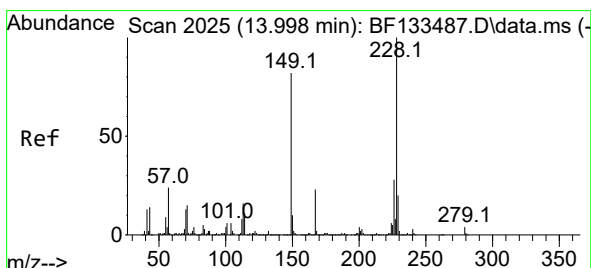
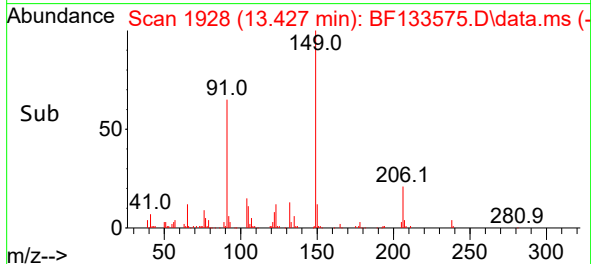
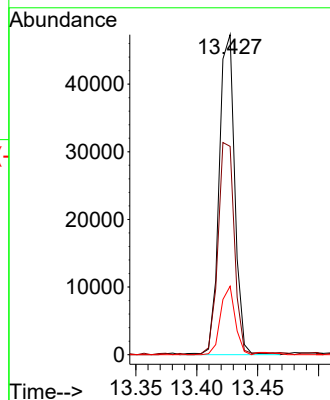
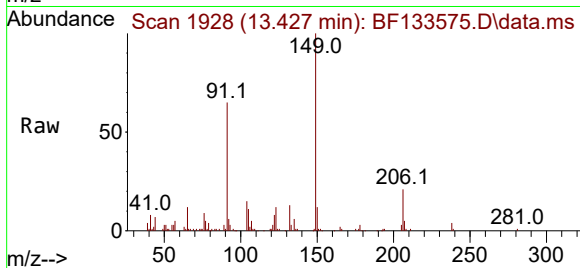
Tgt Ion:149 Resp: 42305

Ion Ratio Lower Upper

149 100

91 65.1 56.9 85.3

206 21.4 15.7 23.5



#81

Benzo(a)anthracene

Concen: 3.403 ng

RT: 13.992 min Scan# 2024

Delta R.T. 0.000 min

Lab File: BF133575.D

Acq: 05 Jun 2023 20:12

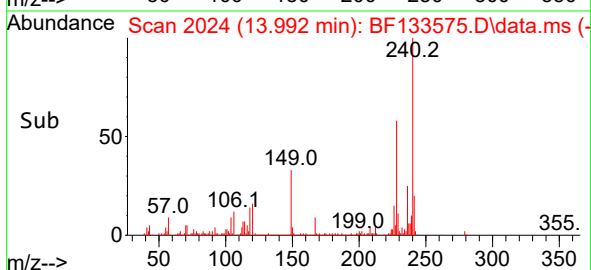
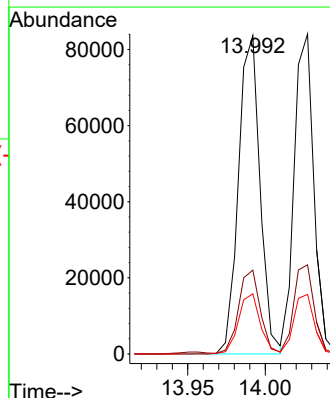
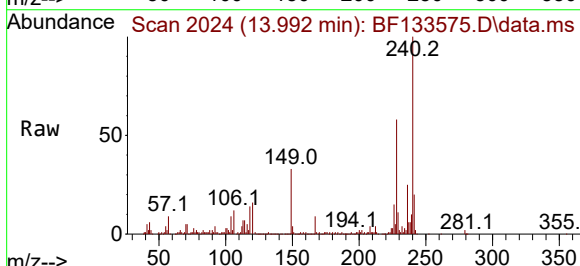
Tgt Ion:228 Resp: 80946

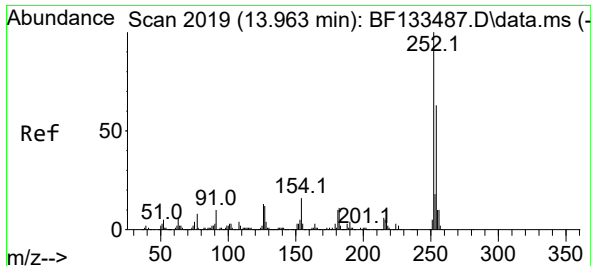
Ion Ratio Lower Upper

228 100

226 26.4 22.3 33.5

229 18.9 16.1 24.1

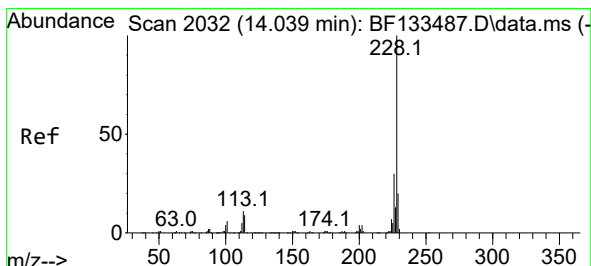
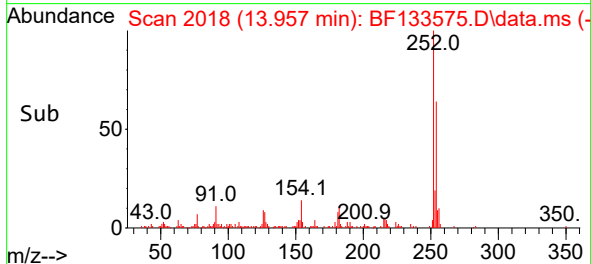
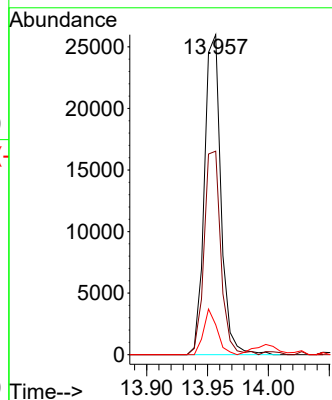
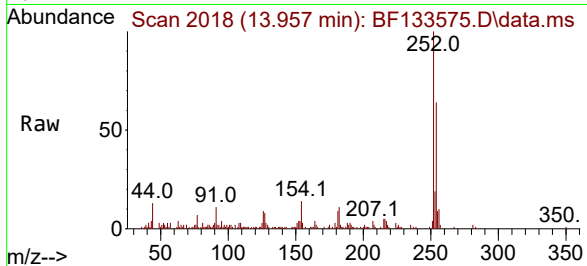




#82
 3,3'-Dichlorobenzidine
 Concen: 3.303 ng
 RT: 13.957 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: BF133575.D
 Acq: 05 Jun 2023 20:12

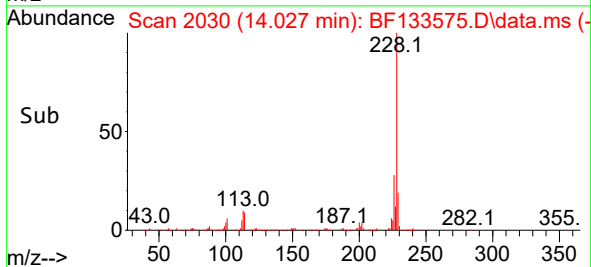
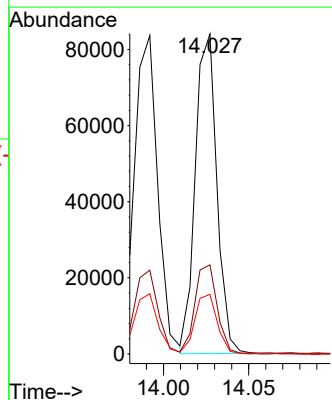
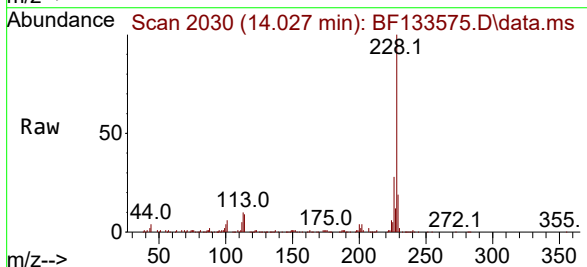
Instrument :
 BNA_F
 ClientSampleId :
 PB153176BS

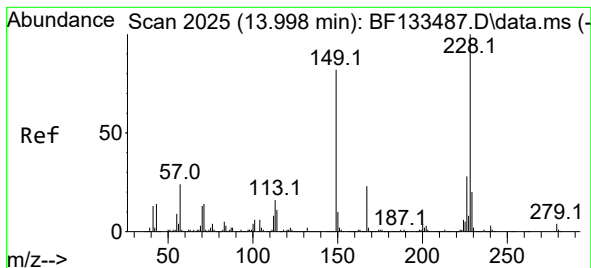
Tgt Ion:252 Resp: 24557
 Ion Ratio Lower Upper
 252 100
 254 63.6 50.3 75.5
 126 9.4 10.5 15.7#



#83
 Chrysene
 Concen: 3.078 ng
 RT: 14.027 min Scan# 2030
 Delta R.T. 0.000 min
 Lab File: BF133575.D
 Acq: 05 Jun 2023 20:12

Tgt Ion:228 Resp: 73901
 Ion Ratio Lower Upper
 228 100
 226 27.9 24.1 36.1
 229 18.6 15.8 23.8

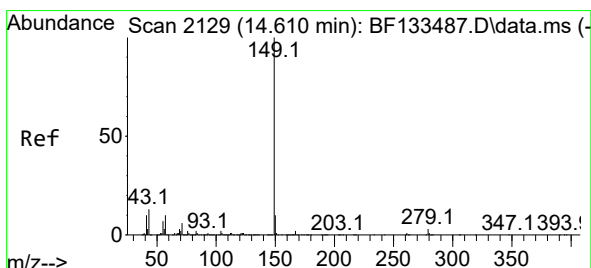
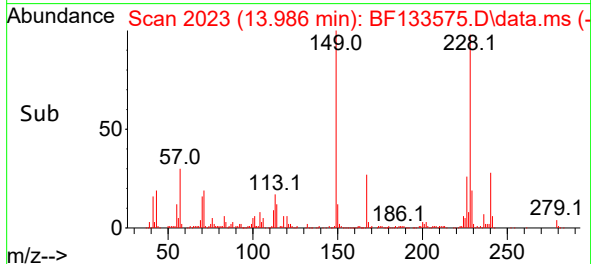
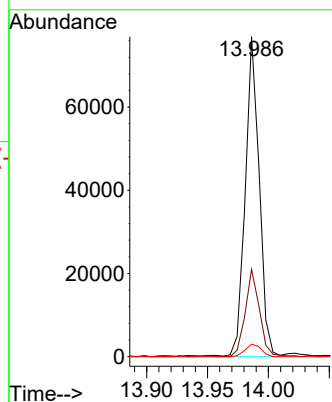
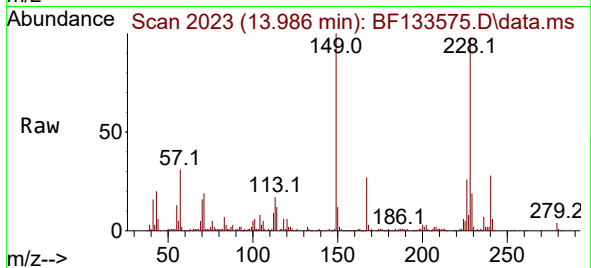




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.123 ng
RT: 13.986 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

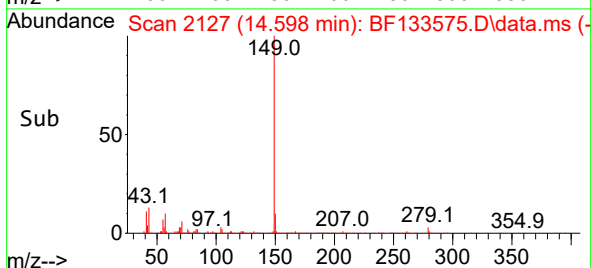
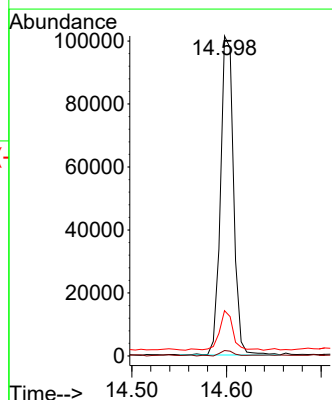
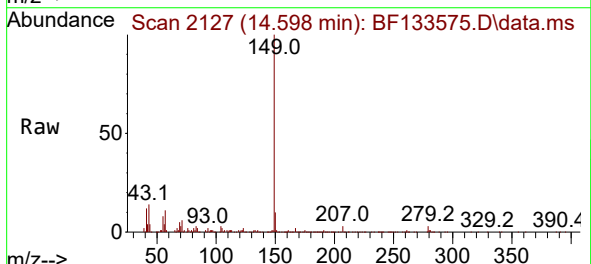
Instrument :
BNA_F
ClientSampleId :
PB153176BS

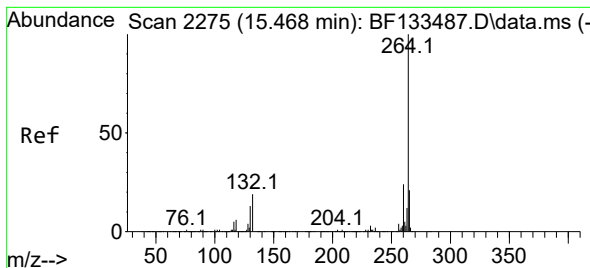
Tgt Ion:149 Resp: 61948
Ion Ratio Lower Upper
149 100
167 27.3 22.0 33.0
279 4.0 3.6 5.4



#85
Di-n-octyl phthalate
Concen: 3.886 ng
RT: 14.598 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

Tgt Ion:149 Resp: 97281
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.3 10.0 15.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF133575.D

Acq: 05 Jun 2023 20:12

Instrument :

BNA_F

ClientSampleId :

PB153176BS

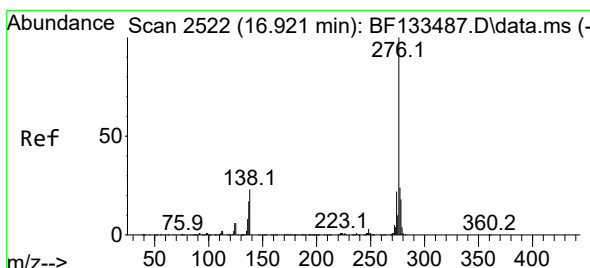
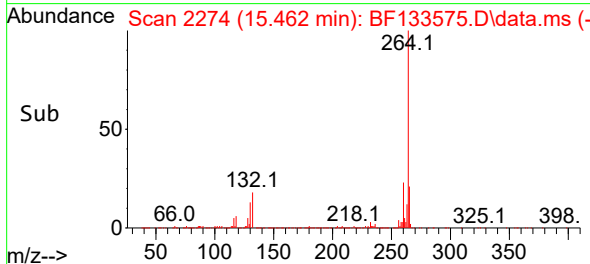
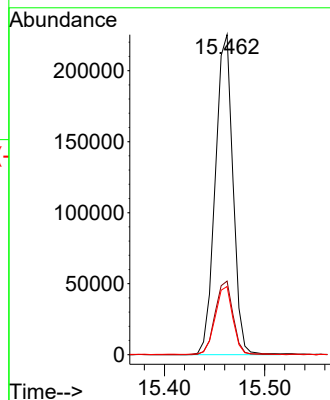
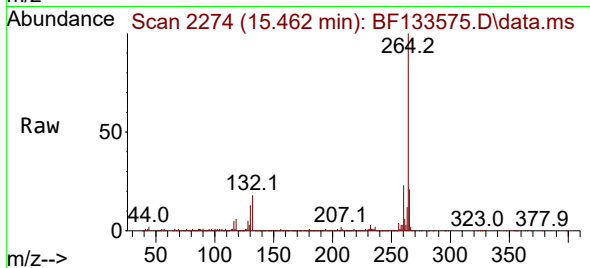
Tgt Ion:264 Resp: 275488

Ion Ratio Lower Upper

264 100

260 23.0 19.0 28.4

265 21.3 16.8 25.2



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.190 ng

RT: 16.904 min Scan# 2519

Delta R.T. -0.006 min

Lab File: BF133575.D

Acq: 05 Jun 2023 20:12

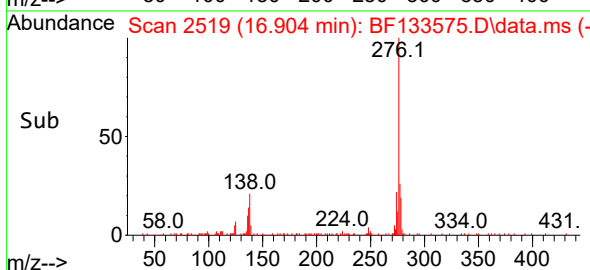
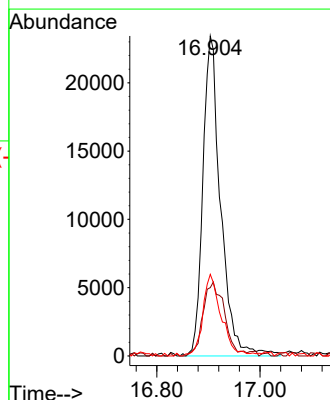
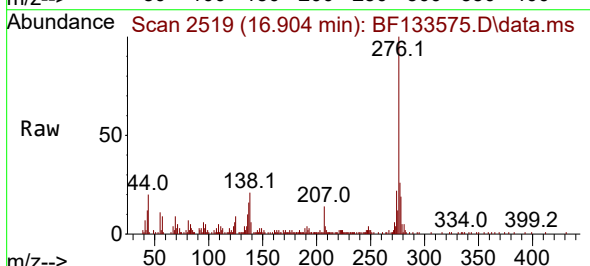
Tgt Ion:276 Resp: 55976

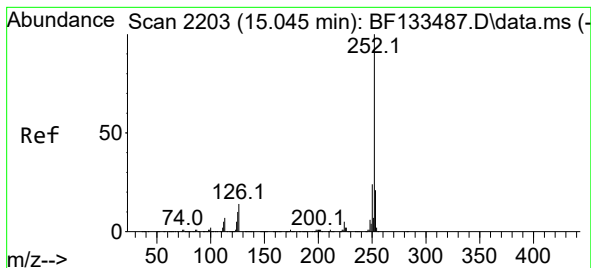
Ion Ratio Lower Upper

276 100

138 27.8 21.4 32.2

277 26.2 20.0 30.0





#88

Benzo(b)fluoranthene

Concen: 3.304 ng

RT: 15.033 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF133575.D

Acq: 05 Jun 2023 20:12

Instrument :

BNA_F

ClientSampleId :

PB153176BS

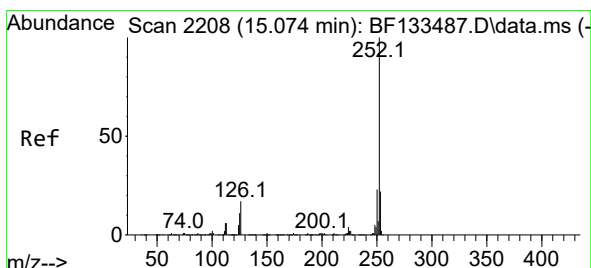
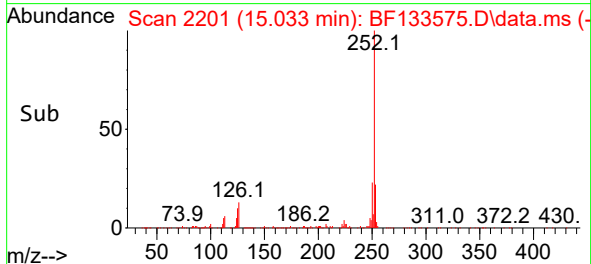
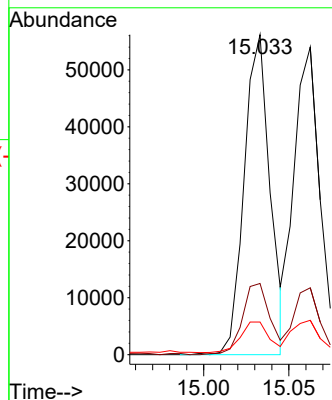
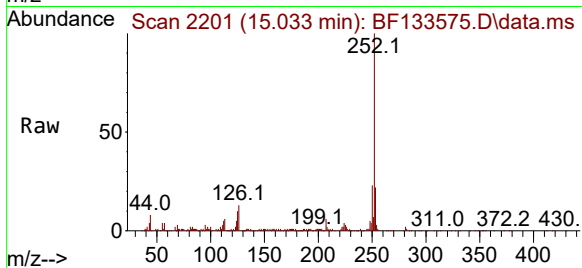
Tgt Ion:252 Resp: 59269

Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

125 10.2 8.1 12.1



#89

Benzo(k)fluoranthene

Concen: 3.274 ng

RT: 15.063 min Scan# 2206

Delta R.T. 0.000 min

Lab File: BF133575.D

Acq: 05 Jun 2023 20:12

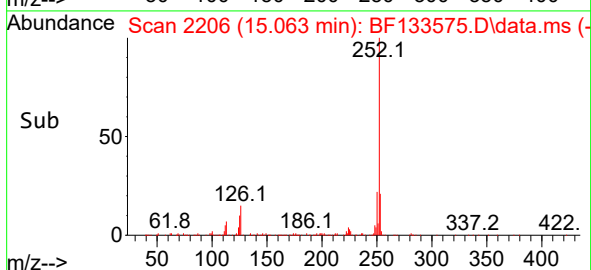
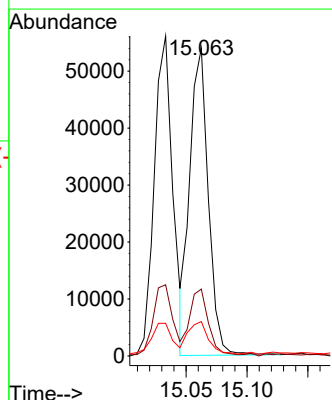
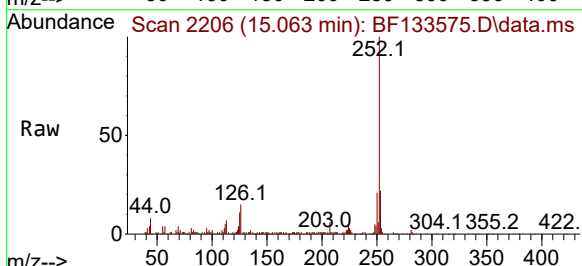
Tgt Ion:252 Resp: 57263

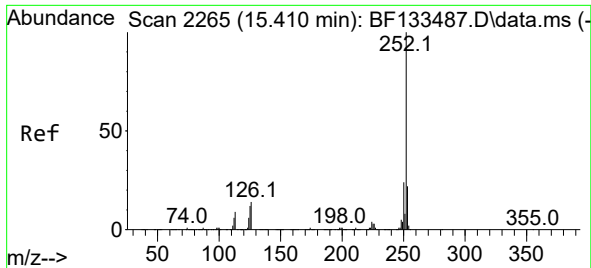
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 11.2 8.3 12.5

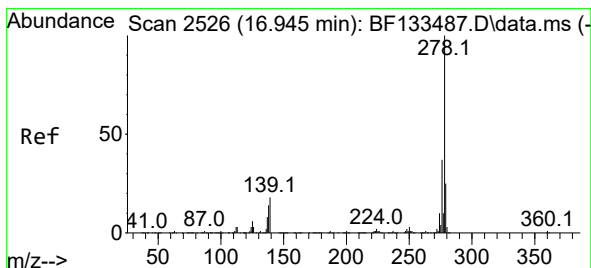
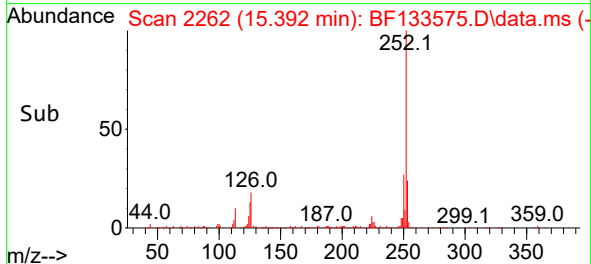
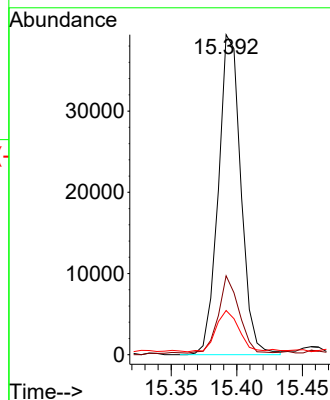
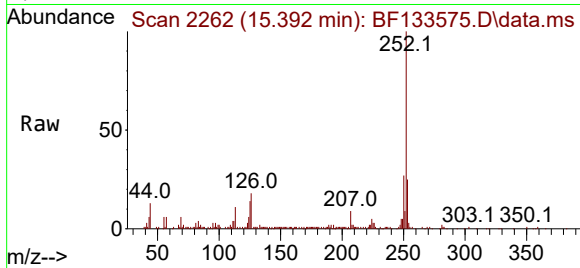




#90
Benzo(a)pyrene
Concen: 2.886 ng
RT: 15.392 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

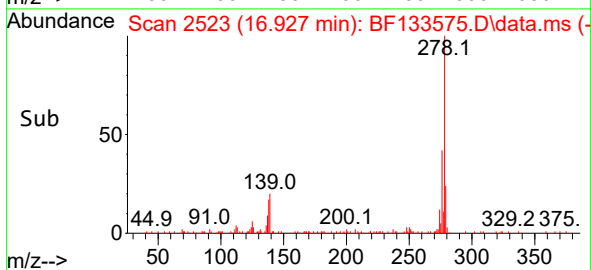
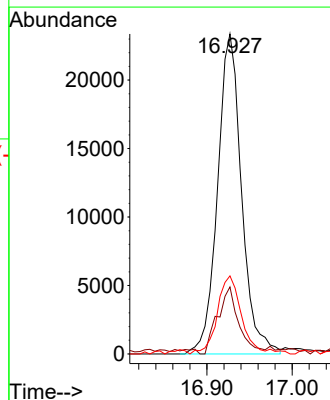
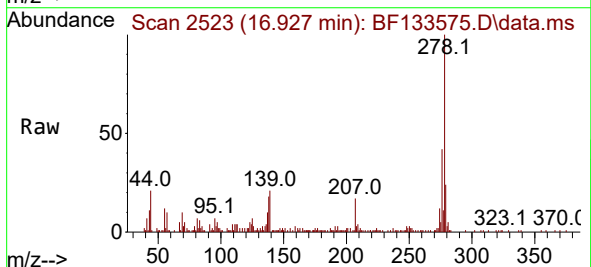
Instrument :
BNA_F
ClientSampleId :
PB153176BS

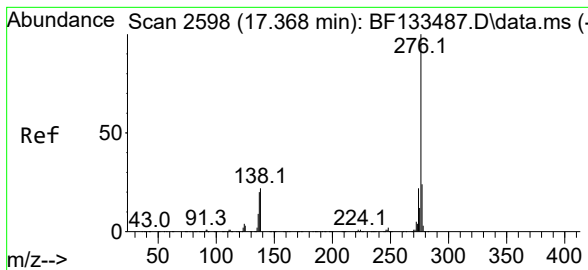
Tgt Ion:252 Resp: 47102
Ion Ratio Lower Upper
252 100
253 24.6 17.4 26.0
125 13.8 9.4 14.0



#91
Dibenzo(a,h)anthracene
Concen: 3.221 ng
RT: 16.927 min Scan# 2523
Delta R.T. 0.000 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

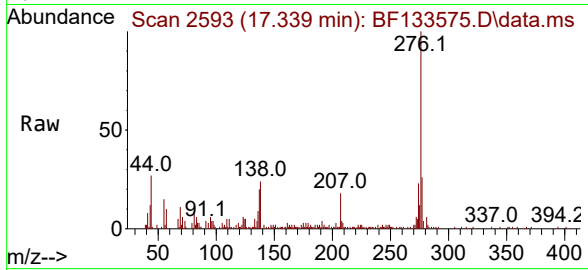
Tgt Ion:278 Resp: 45821
Ion Ratio Lower Upper
278 100
139 21.0 14.1 21.1
279 24.4 19.7 29.5





#92
 Benzo(g,h,i)perylene
 Concen: 3.008 ng
 RT: 17.339 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF133575.D
 Acq: 05 Jun 2023 20:12

Instrument :
 BNA_F
 ClientSampleId :
 PB153176BS



Tgt Ion:	276	Resp:	43158
Ion Ratio	Lower	Upper	
276	100		
277	26.2	18.8	28.2
138	23.9	17.8	26.6

