

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
 Data File : BF133225.D
 Acq On : 04 May 2023 11:38
 Operator : CG\JU
 Sample : PB152560BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152560BS

Quant Time: May 04 19:40:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 04 12:22:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	196512	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	813125	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	451047	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	829508	20.000	ng	0.00
76) Chrysene-d12	13.886	240	514871	20.000	ng	0.00
86) Perylene-d12	15.298	264	434057	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1384161	106.402	ng	0.02
7) Phenol-d6	6.375	99	1704379	105.556	ng	0.00
23) Nitrobenzene-d5	7.298	82	1039006	68.971	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	466527	102.847	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1842685	68.348	ng	0.00
79) Terphenyl-d14	12.833	244	2101910	70.408	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.469	88	246437	40.842	ng	98
3) Pyridine	3.163	79	608453	37.966	ng	97
4) n-Nitrosodimethylamine	3.122	42	347377	41.848	ng	95
6) Aniline	6.392	93	799659	38.452	ng	# 60
8) 2-Chlorophenol	6.516	128	604661	45.779	ng	97
9) Benzaldehyde	6.275	77	349885	51.980	ng	97
10) Phenol	6.386	94	753100	42.279	ng	# 70
11) bis(2-Chloroethyl)ether	6.469	93	589102	44.072	ng	98
12) 1,3-Dichlorobenzene	6.669	146	638507	45.469	ng	99
13) 1,4-Dichlorobenzene	6.745	146	640194	45.488	ng	97
14) 1,2-Dichlorobenzene	6.898	146	601730	46.376	ng	97
15) Benzyl Alcohol	6.875	79	499541	44.788	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.010	45	991867	42.723	ng	97
17) 2-Methylphenol	6.992	107	514114	42.508	ng	99
18) Hexachloroethane	7.239	117	231015	47.213	ng	94
19) n-Nitroso-di-n-propyla...	7.151	70	416219	41.406	ng	97
20) 3+4-Methylphenols	7.145	107	616402	43.277	ng	95
22) Acetophenone	7.139	105	831061	44.121	ng	# 97
24) Nitrobenzene	7.316	77	637119	41.737	ng	99
25) Isophorone	7.557	82	1235593	43.200	ng	100
26) 2-Nitrophenol	7.633	139	352795	47.916	ng	92
27) 2,4-Dimethylphenol	7.675	122	589863	46.721	ng	99
28) bis(2-Chloroethoxy)met...	7.769	93	745677	44.069	ng	99
29) 2,4-Dichlorophenol	7.875	162	532560	46.337	ng	99
30) 1,2,4-Trichlorobenzene	7.957	180	538970	45.265	ng	100
31) Naphthalene	8.039	128	1751336	43.079	ng	99
32) Benzoic acid	7.816	122	408357	52.364	ng	98
33) 4-Chloroaniline	8.086	127	522502	31.810	ng	99
34) Hexachlorobutadiene	8.157	225	297505	45.081	ng	98
35) Caprolactam	8.504	113	71459	18.508	ng	93
36) 4-Chloro-3-methylphenol	8.575	107	585804	47.265	ng	97
37) 2-Methylnaphthalene	8.728	142	1173768	42.231	ng	98
38) 1-Methylnaphthalene	8.828	142	1113123	42.811	ng	99
40) 1,2,4,5-Tetrachloroben...	8.898	216	479525	39.541	ng	99
41) Hexachlorocyclopentadiene	8.880	237	626316	88.554	ng	100
43) 2,4,6-Trichlorophenol	9.010	196	368260	43.909	ng	99

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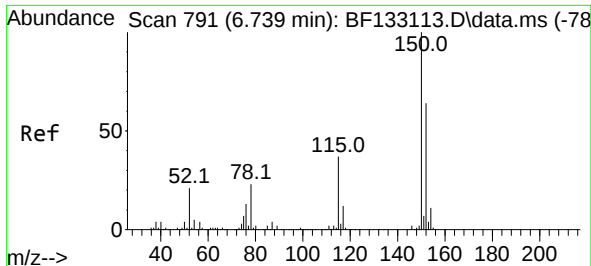
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	399077	41.143	ng	97
46) 1,1'-Biphenyl	9.192	154	1485361	41.530	ng	99
47) 2-Chloronaphthalene	9.216	162	1121338	42.835	ng	100
48) 2-Nitroaniline	9.310	65	377494	43.632	ng	93
49) Acenaphthylene	9.627	152	1768564	42.281	ng	100
50) Dimethylphthalate	9.498	163	1363606	43.357	ng	99
51) 2,6-Dinitrotoluene	9.557	165	318567	45.004	ng	93
52) Acenaphthene	9.804	154	1102745	39.363	ng	99
53) 3-Nitroaniline	9.722	138	302184	35.903	ng	99
54) 2,4-Dinitrophenol	9.833	184	357217	100.395	ng	98
55) Dibenzofuran	9.975	168	1585278	41.483	ng	98
56) 4-Nitrophenol	9.898	139	561734	86.170	ng	94
57) 2,4-Dinitrotoluene	9.963	165	422985	46.856	ng	90
58) Fluorene	10.316	166	1178602	42.096	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.092	232	345702	45.972	ng	97
60) Diethylphthalate	10.198	149	1319671	44.423	ng	98
61) 4-Chlorophenyl-phenyle...	10.310	204	564960	41.407	ng	99
62) 4-Nitroaniline	10.345	138	370229	47.859	ng	96
63) Azobenzene	10.469	77	1309718	41.618	ng	99
65) 4,6-Dinitro-2-methylph...	10.369	198	247479	49.222	ng	82
66) n-Nitrosodiphenylamine	10.433	169	1116383	41.490	ng	99
67) 4-Bromophenyl-phenylether	10.798	248	377711	41.984	ng	97
68) Hexachlorobenzene	10.863	284	394781	42.824	ng	94
69) Atrazine	10.963	200	400176	51.615	ng	99
70) Pentachlorophenol	11.063	266	470003	71.588	ng	97
71) Phenanthrene	11.274	178	1815251	40.716	ng	99
72) Anthracene	11.327	178	1863904	40.851	ng	99
73) Carbazole	11.480	167	1750791	43.094	ng	99
74) Di-n-butylphthalate	11.816	149	2112464	45.947	ng	99
75) Fluoranthene	12.463	202	1840498	41.133	ng	97
77) Benzidine	12.586	184	1232778	141.589	ng	# 93
78) Pyrene	12.686	202	1887773	42.771	ng	99
80) Butylbenzylphthalate	13.310	149	835491	53.463	ng	96
81) Benzo(a)anthracene	13.874	228	1434551	40.517	ng	99
82) 3,3'-Dichlorobenzidine	13.839	252	365940	37.413	ng	99
83) Chrysene	13.910	228	1454242	41.083	ng	99
84) Bis(2-ethylhexyl)phtha...	13.874	149	929785	47.401	ng	100
85) Di-n-octyl phthalate	14.480	149	1661439	51.946	ng	97
87) Indeno(1,2,3-cd)pyrene	16.680	276	1138110	46.096	ng	99
88) Benzo(b)fluoranthene	14.898	252	1265770	45.838	ng	99
89) Benzo(k)fluoranthene	14.927	252	1242928	45.406	ng	99
90) Benzo(a)pyrene	15.245	252	1050051	41.777	ng	98
91) Dibenzo(a,h)anthracene	16.692	278	939535	45.625	ng	99
92) Benzo(g,h,i)perylene	17.098	276	945581	46.511	ng	97

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

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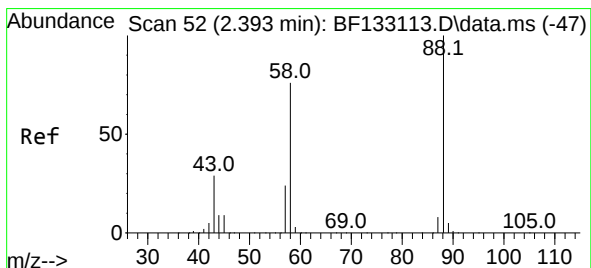
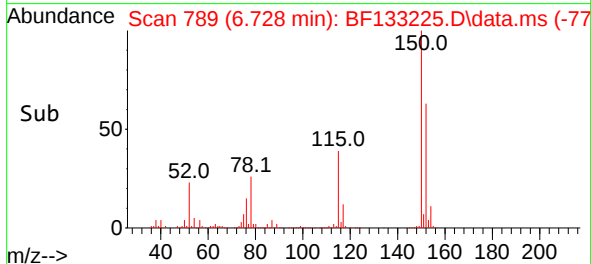
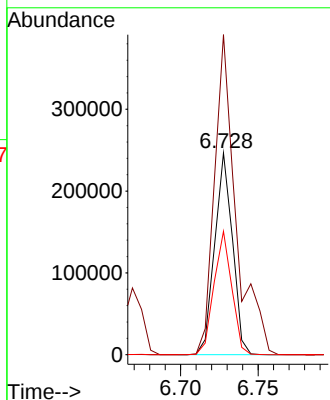
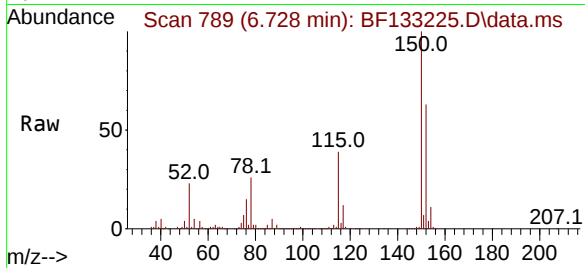




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.728 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF133225.D
 Acq: 04 May 2023 11:38

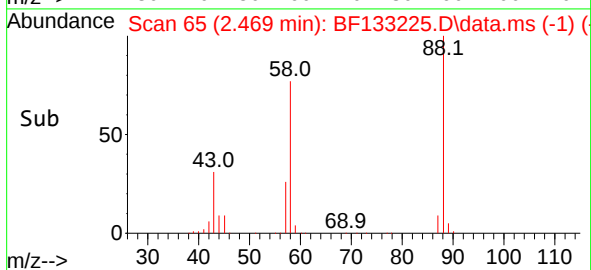
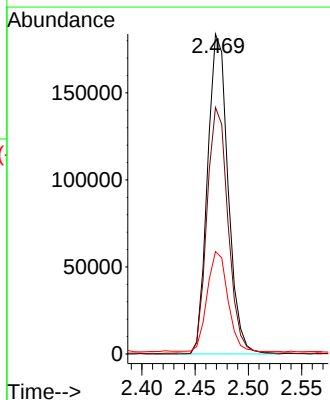
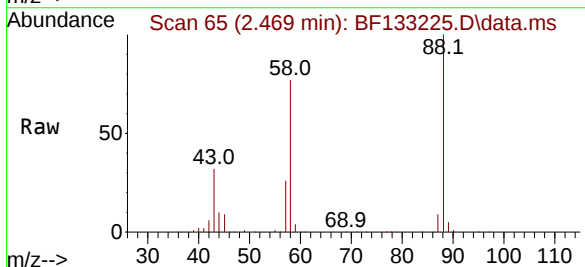
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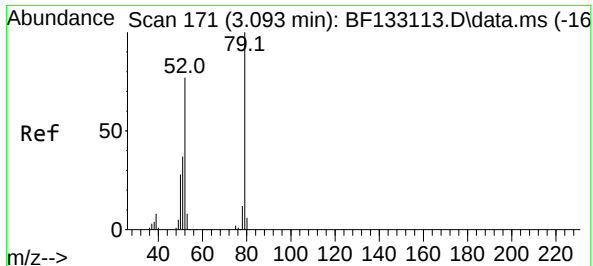
Tgt Ion:152 Resp: 196512
 Ion Ratio Lower Upper
 152 100
 150 158.7 124.8 187.2
 115 61.2 49.9 74.9



#2
 1,4-Dioxane
 Concen: 40.842 ng
 RT: 2.469 min Scan# 65
 Delta R.T. 0.076 min
 Lab File: BF133225.D
 Acq: 04 May 2023 11:38

Tgt Ion: 88 Resp: 246437
 Ion Ratio Lower Upper
 88 100
 58 78.9 64.7 97.1
 43 31.9 26.2 39.2

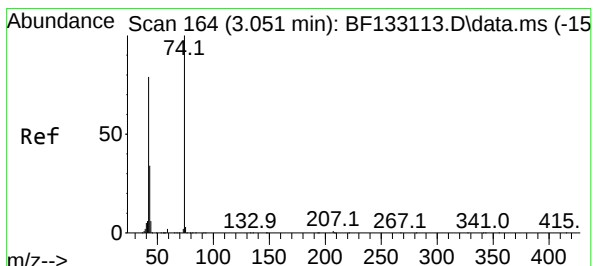
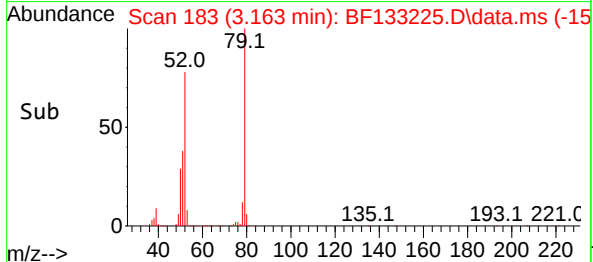
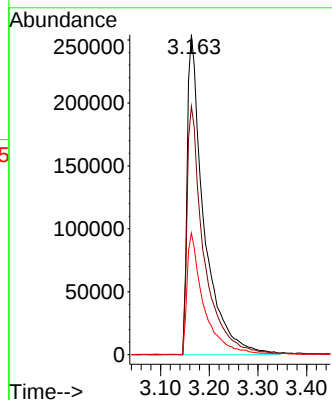
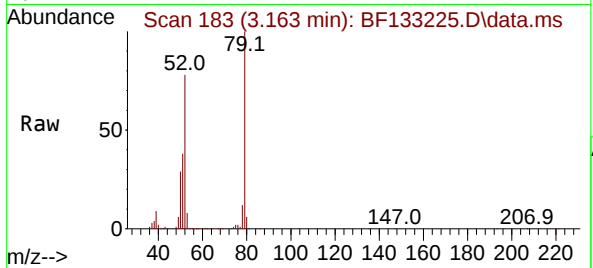




#3
Pyridine
Concen: 37.966 ng
RT: 3.163 min Scan# 11
Delta R.T. 0.082 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

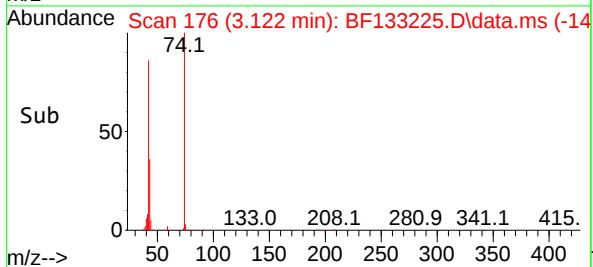
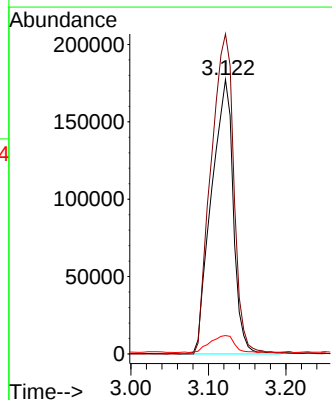
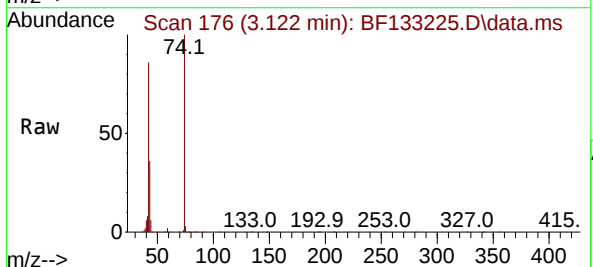
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BNA_F
ClientSampleId :
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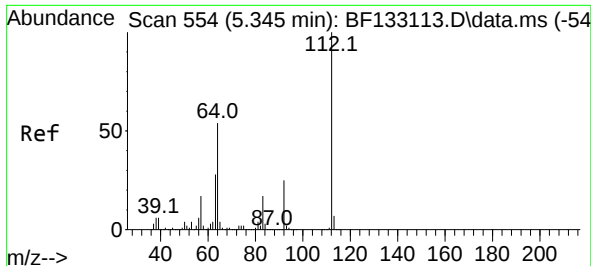
Tgt Ion: 79 Resp: 608453
Ion Ratio Lower Upper
79 100
52 77.6 64.6 96.8
51 38.0 30.0 45.0



#4
n-Nitrosodimethylamine
Concen: 41.848 ng
RT: 3.122 min Scan# 176
Delta R.T. 0.071 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

Tgt Ion: 42 Resp: 347377
Ion Ratio Lower Upper
42 100
74 116.6 98.0 147.0
44 6.7 5.8 8.8

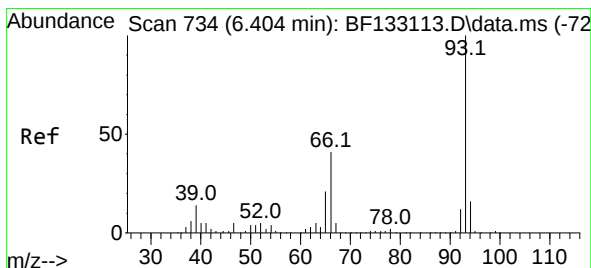
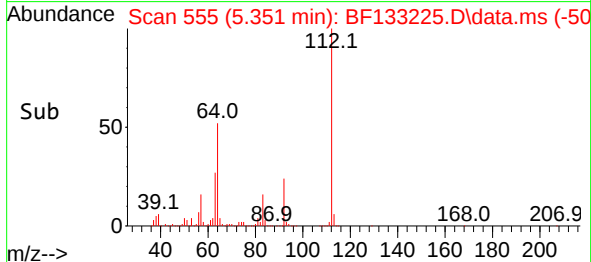
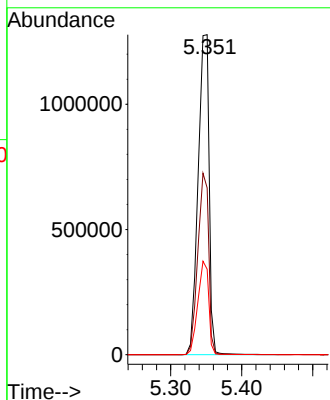
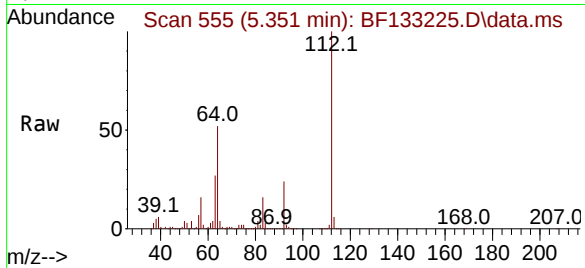




#5
2-Fluorophenol
Concen: 106.402 ng
RT: 5.351 min Scan# 511
Delta R.T. 0.018 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

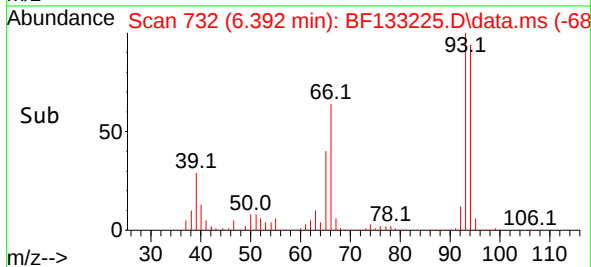
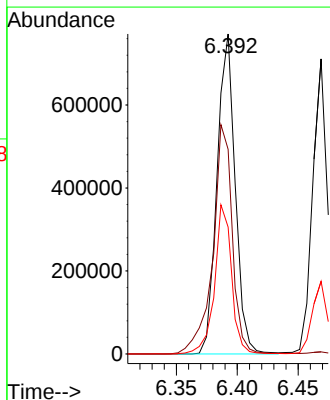
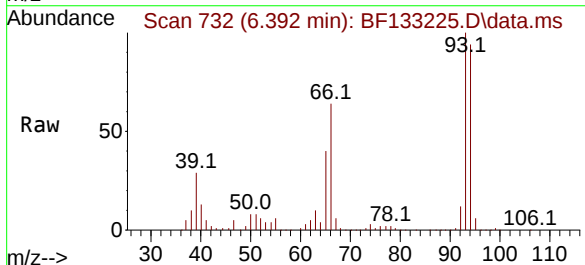
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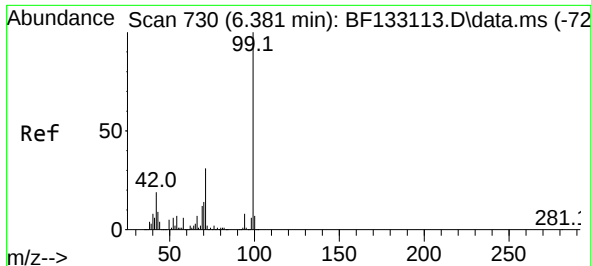
Tgt Ion:112 Resp: 1384161
Ion Ratio Lower Upper
112 100
64 52.1 46.8 70.2
63 26.7 23.8 35.8



#6
Aniline
Concen: 38.452 ng
RT: 6.392 min Scan# 732
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

Tgt Ion: 93 Resp: 799659
Ion Ratio Lower Upper
93 100
66 63.9 31.5 47.3#
65 39.7 16.4 24.6#

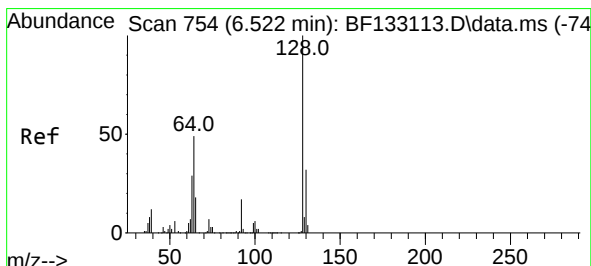
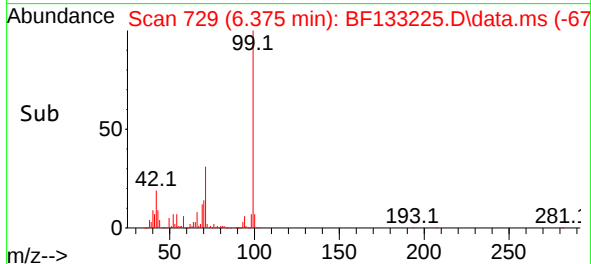
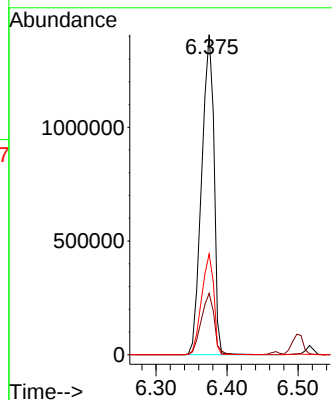
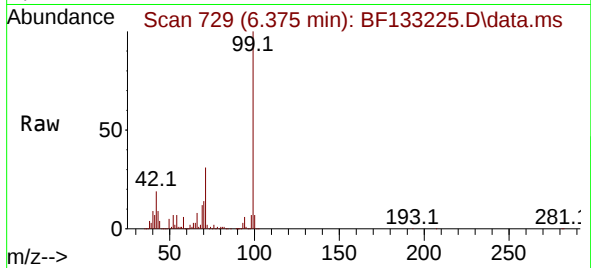




#7
Phenol-d6
Concen: 105.556 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

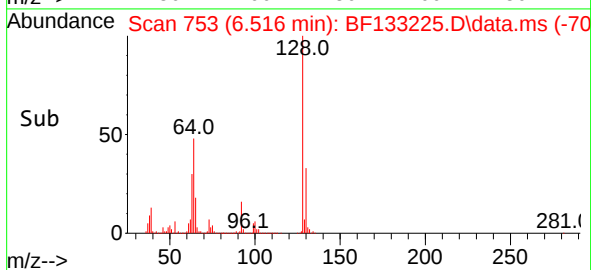
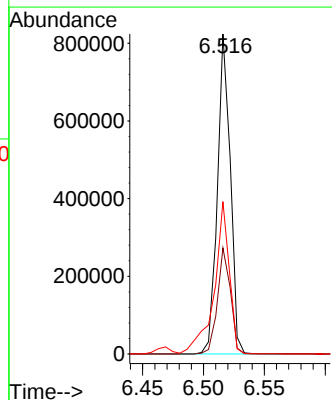
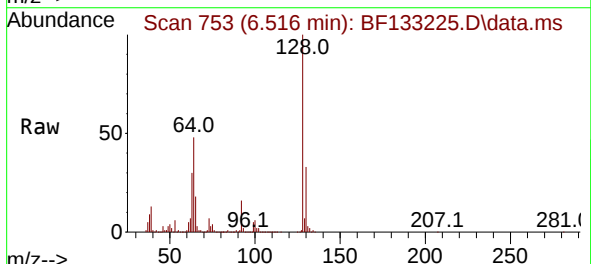
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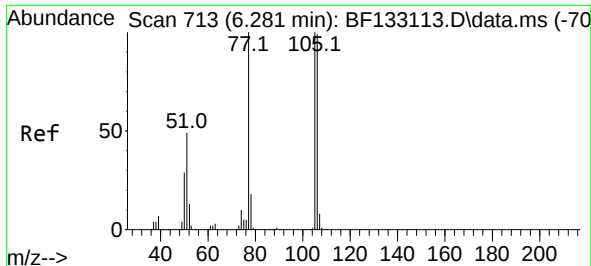
Tgt Ion: 99 Resp: 1704379
Ion Ratio Lower Upper
99 100
42 19.1 16.3 24.5
71 31.5 25.6 38.4



#8
2-Chlorophenol
Concen: 45.779 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

Tgt Ion: 128 Resp: 604661
Ion Ratio Lower Upper
128 100
130 33.2 12.2 52.2
64 47.6 30.3 70.3

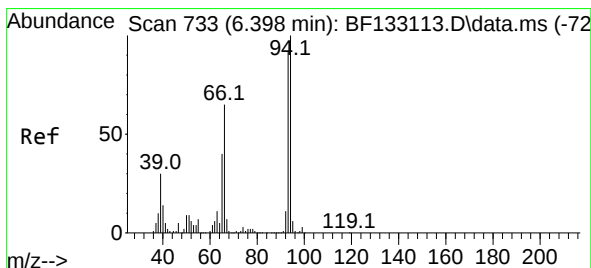
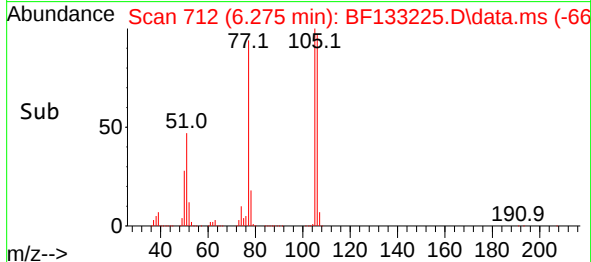
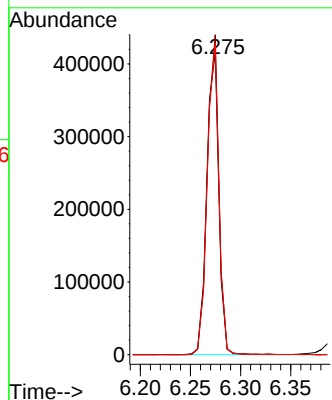
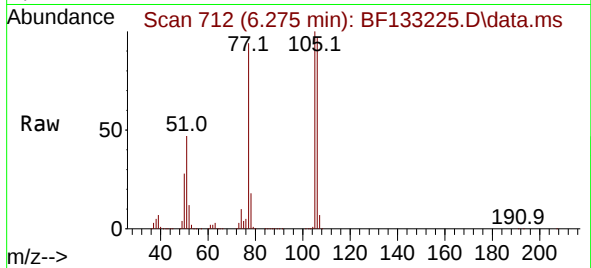




#9
Benzaldehyde
Concen: 51.980 ng
RT: 6.275 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF133225.D
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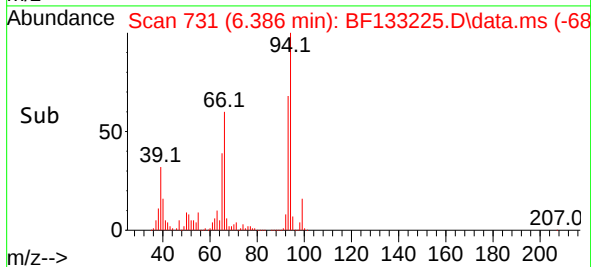
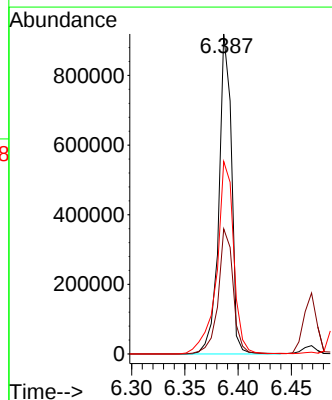
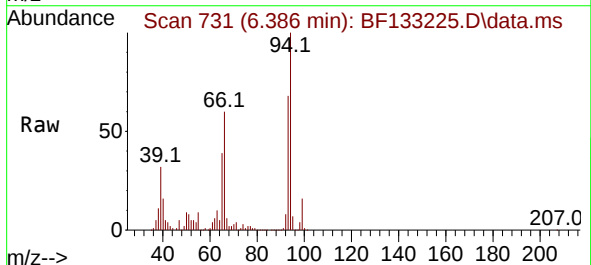
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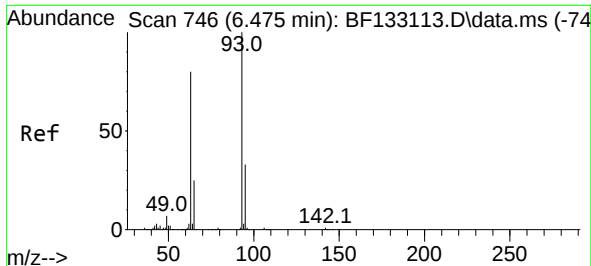
Tgt Ion: 77 Resp: 349885
Ion Ratio Lower Upper
77 100
105 106.1 82.3 122.3
106 103.2 80.8 120.8



#10
Phenol
Concen: 42.279 ng
RT: 6.386 min Scan# 731
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

Tgt Ion: 94 Resp: 753100
Ion Ratio Lower Upper
94 100
65 39.1 8.6 48.6
66 60.1 17.3 57.3#

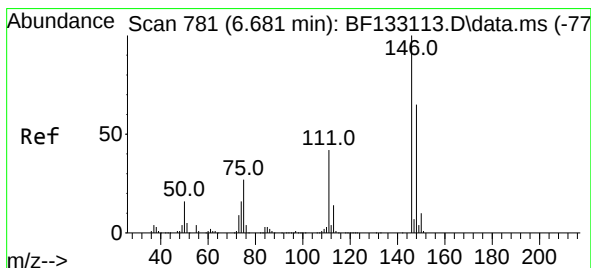
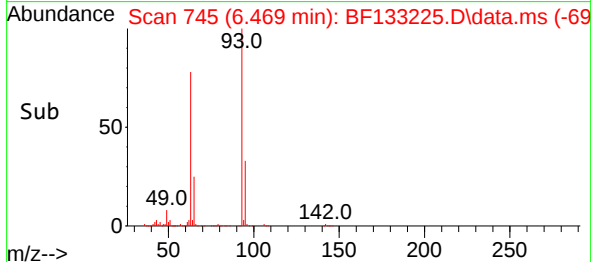
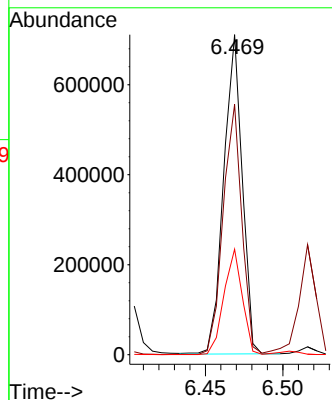
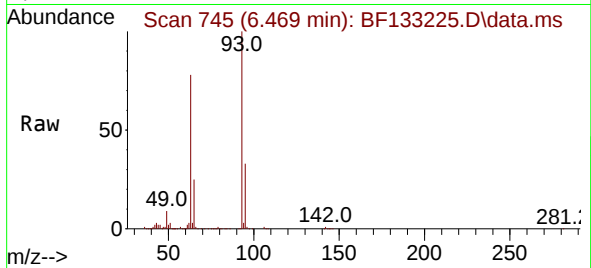




#11
bis(2-Chloroethyl)ether
Concen: 44.072 ng
RT: 6.469 min Scan# 746
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

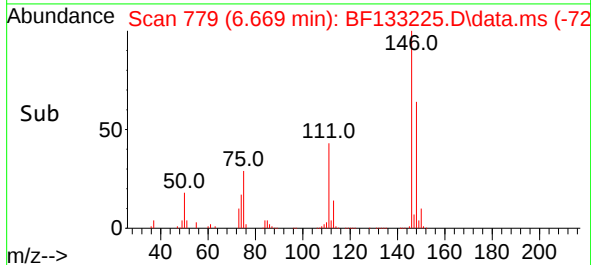
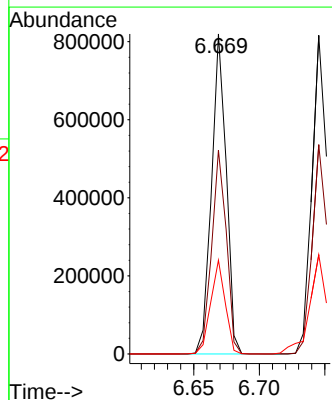
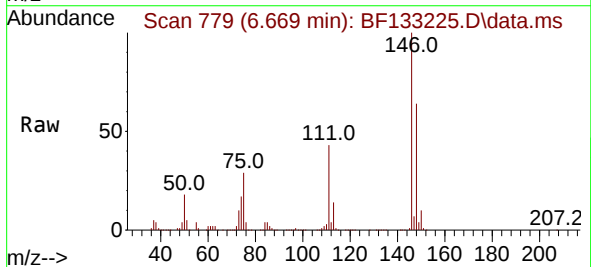
Instrument :
BNA_F
ClientSampleId :
PB152560BS

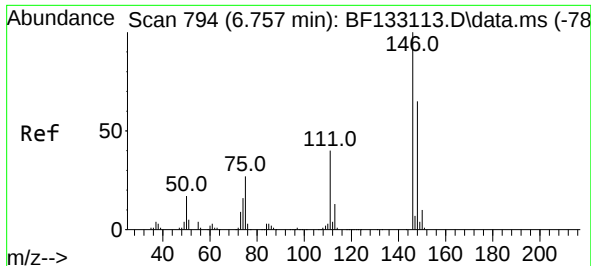
Tgt Ion: 93 Resp: 589102
Ion Ratio Lower Upper
93 100
63 78.2 60.6 100.6
95 32.9 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 45.469 ng
RT: 6.669 min Scan# 779
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

Tgt Ion:146 Resp: 638507
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.4
75 29.3 24.8 37.2

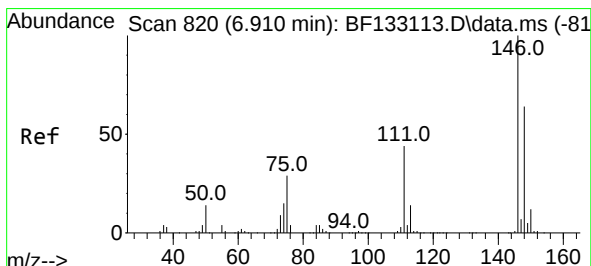
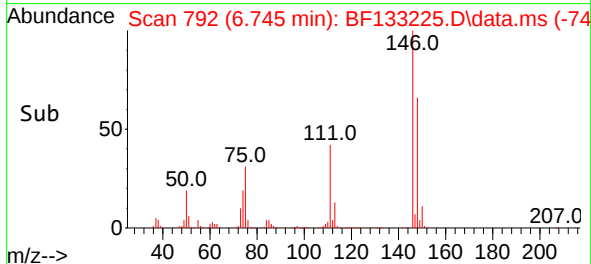
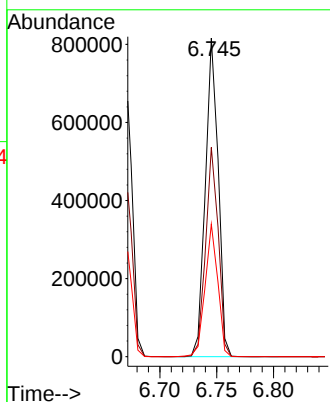
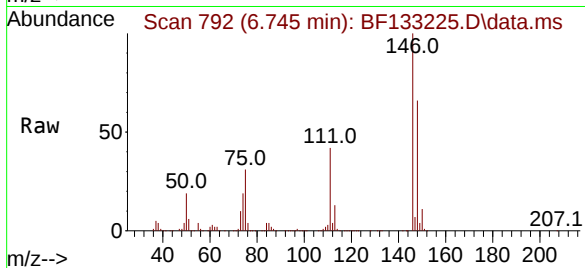




#13
1,4-Dichlorobenzene
Concen: 45.488 ng
RT: 6.745 min Scan# 794
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

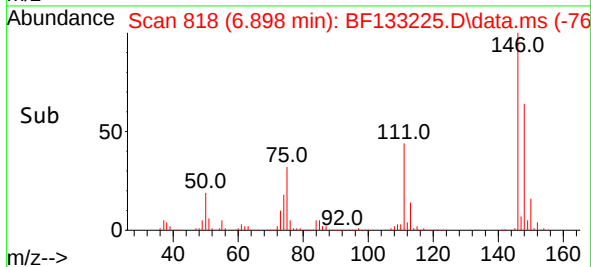
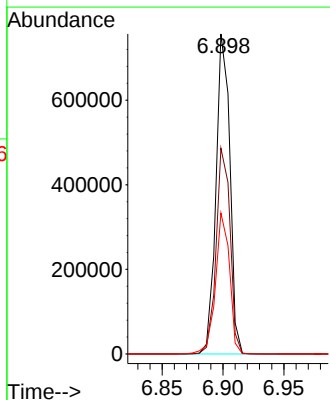
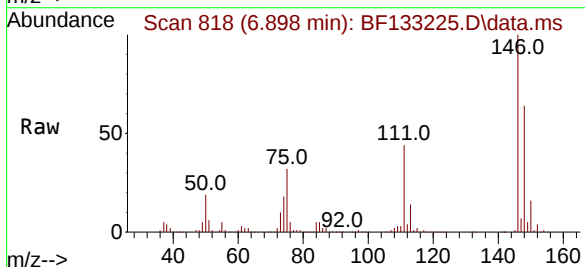
Instrument :
BNA_F
ClientSampleId :
PB152560BS

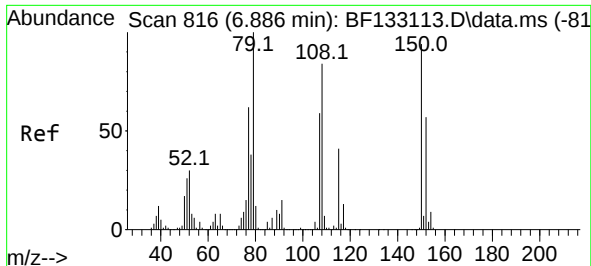
Tgt Ion:146 Resp: 640194
Ion Ratio Lower Upper
146 100
148 65.7 50.3 75.5
111 41.6 33.8 50.6



#14
1,2-Dichlorobenzene
Concen: 46.376 ng
RT: 6.898 min Scan# 818
Delta R.T. -0.006 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

Tgt Ion:146 Resp: 601730
Ion Ratio Lower Upper
146 100
148 64.3 52.2 78.2
111 44.0 32.8 49.2

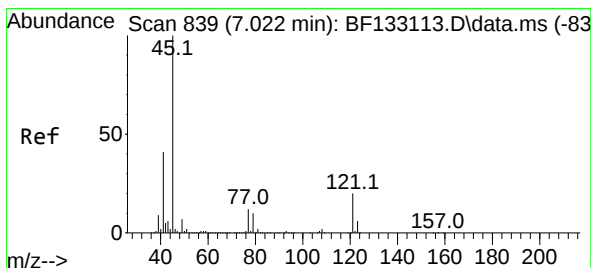
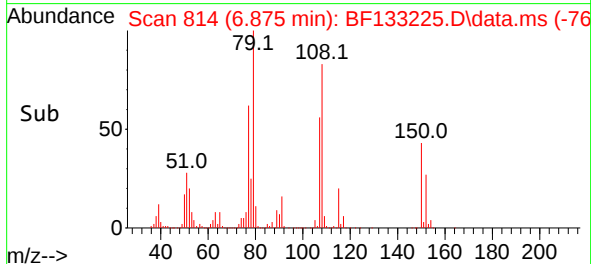
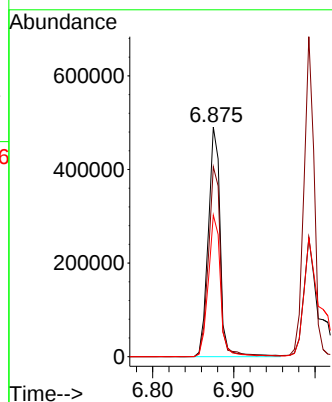
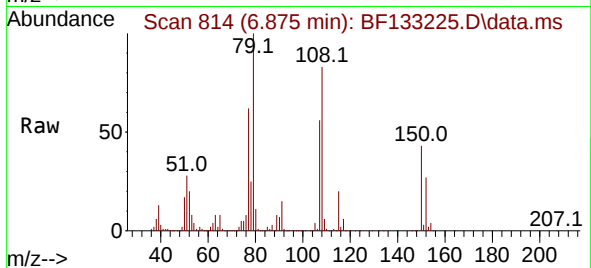




#15
Benzyl Alcohol
Concen: 44.788 ng
RT: 6.875 min Scan# 816
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

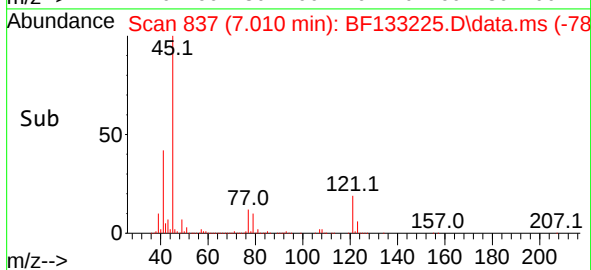
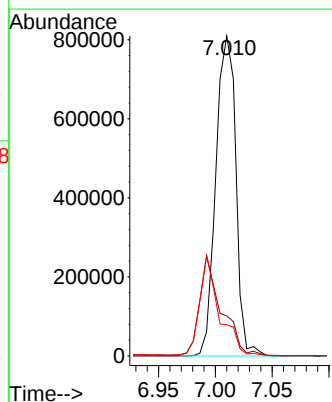
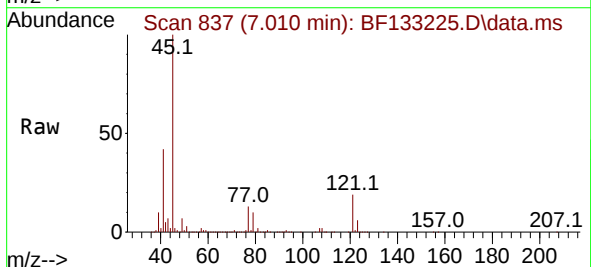
Instrument :
BNA_F
ClientSampleId :
PB152560BS

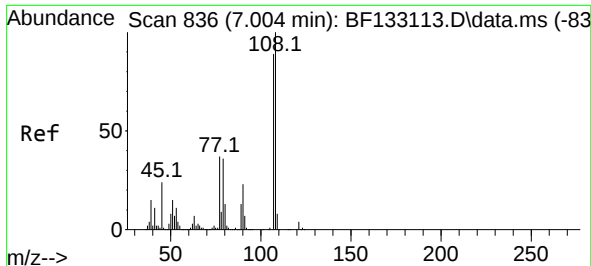
Tgt Ion: 79 Resp: 499541
Ion Ratio Lower Upper
79 100
108 82.8 66.6 99.8
77 61.7 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.723 ng
RT: 7.010 min Scan# 837
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

Tgt Ion: 45 Resp: 991867
Ion Ratio Lower Upper
45 100
77 12.5 0.0 31.5
79 9.8 0.0 28.7

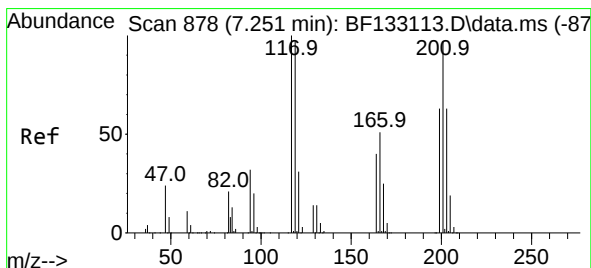
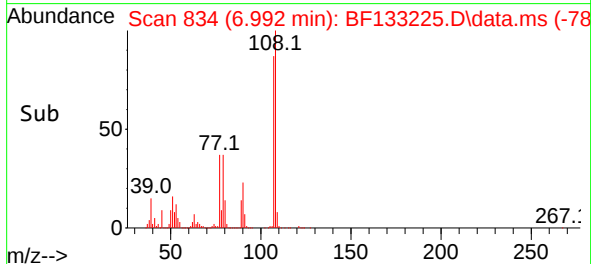
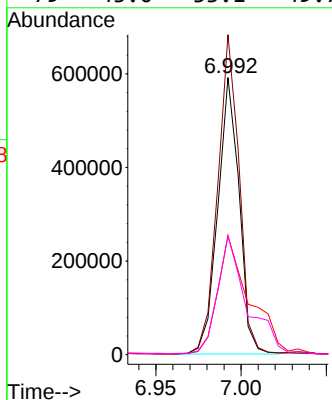
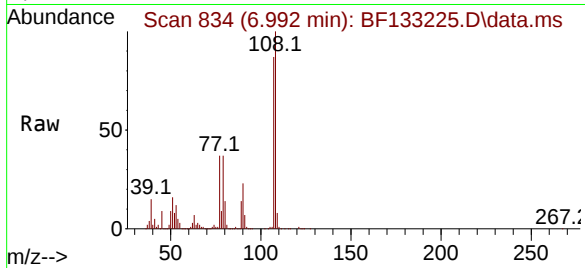




#17
2-Methylphenol
Concen: 42.508 ng
RT: 6.992 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

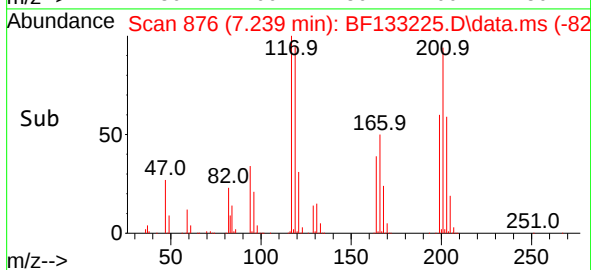
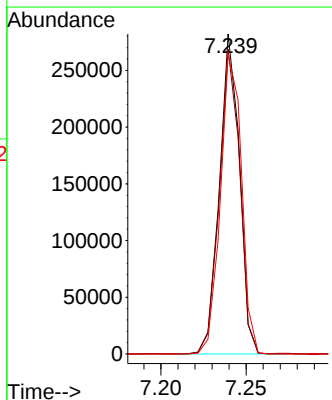
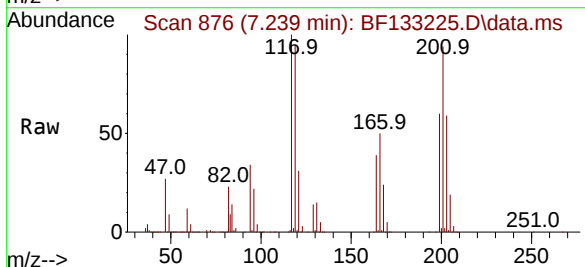
Instrument :
BNA_F
ClientSampleId :
PB152560BS

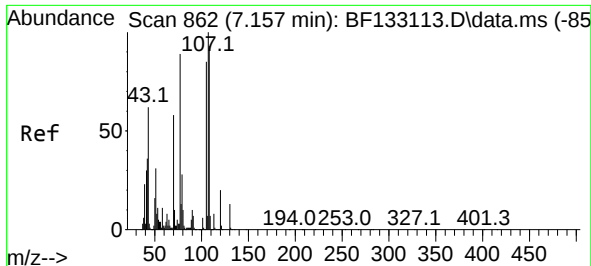
Tgt Ion:	107	Resp:	514114
Ion	Ratio	Lower	Upper
107	100		
108	115.4	92.4	138.6
77	42.9	33.8	50.8
79	43.0	33.1	49.7



#18
Hexachloroethane
Concen: 47.213 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

Tgt Ion:	117	Resp:	231015
Ion	Ratio	Lower	Upper
117	100		
119	95.2	78.2	117.4
201	93.7	81.7	122.5

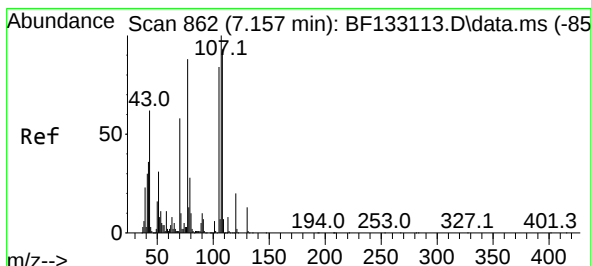
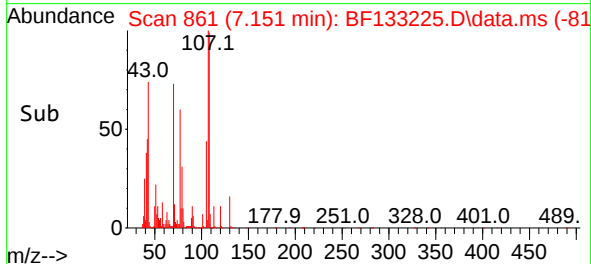
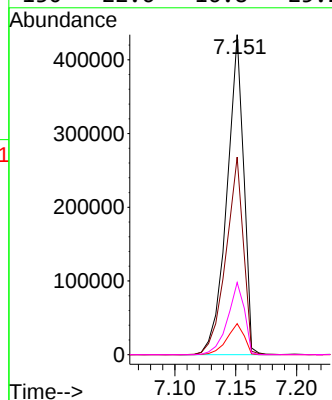
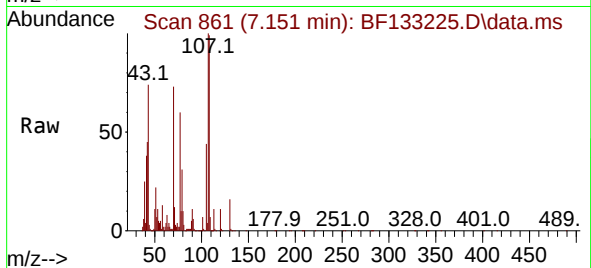




#19
n-Nitroso-di-n-propylamine
Concen: 41.406 ng
RT: 7.151 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

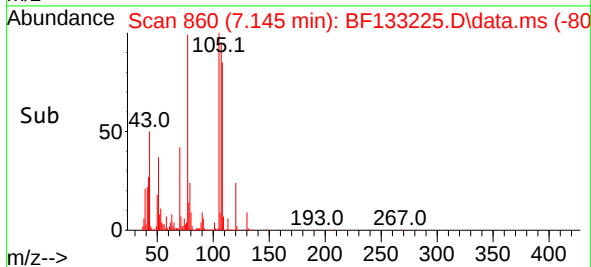
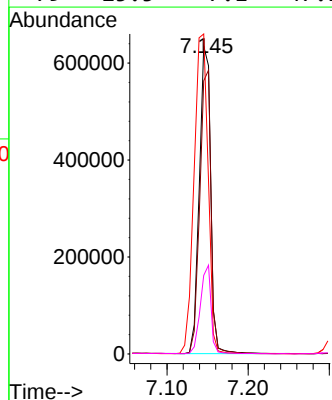
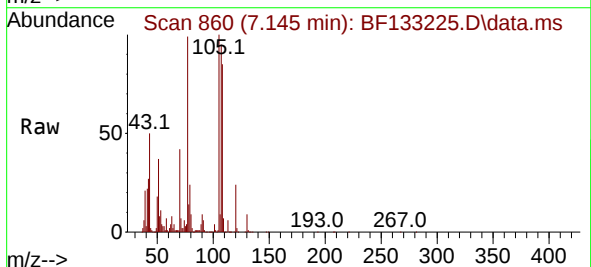
Instrument :
BNA_F
ClientSampleId :
PB152560BS

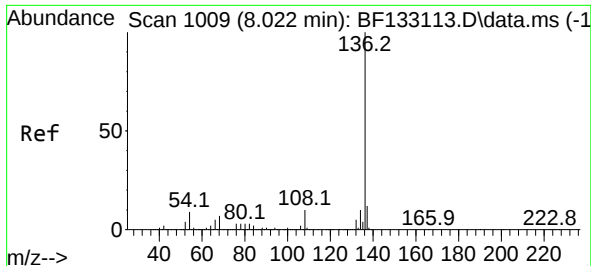
Tgt Ion: 70 Resp: 416219
Ion Ratio Lower Upper
70 100
42 61.7 51.8 77.6
101 9.7 8.0 12.0
130 22.6 16.8 25.2



#20
3+4-Methylphenols
Concen: 43.277 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

Tgt Ion:107 Resp: 616402
Ion Ratio Lower Upper
107 100
108 88.7 70.5 110.5
77 103.9 91.7 131.7
79 25.5 7.1 47.1

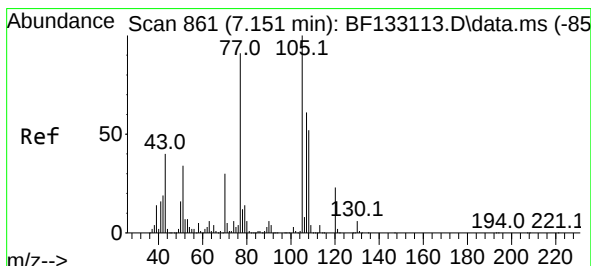
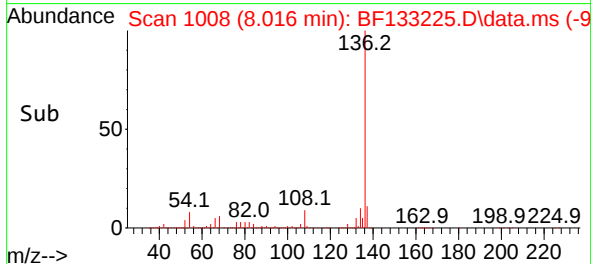
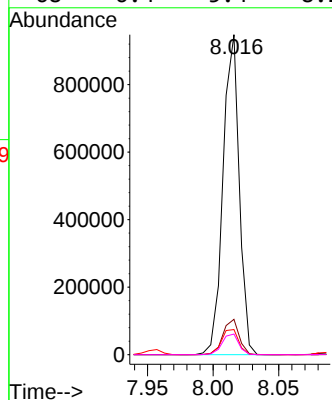
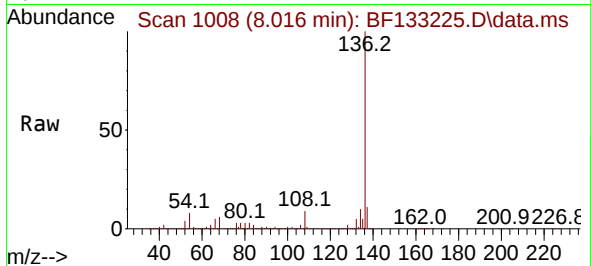




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

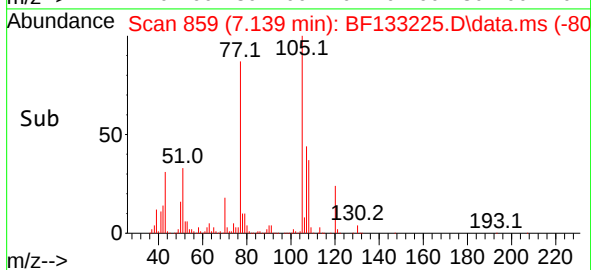
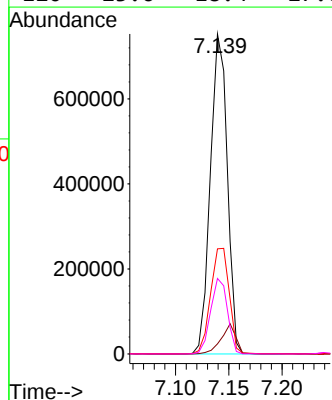
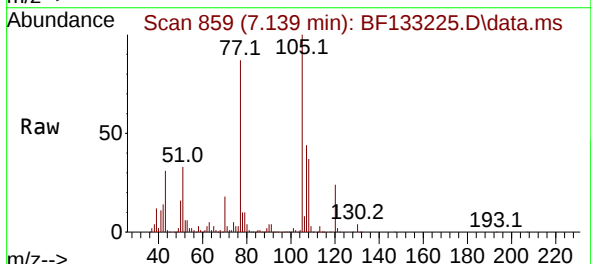
Instrument :
BNA_F
ClientSampleId :
PB152560BS

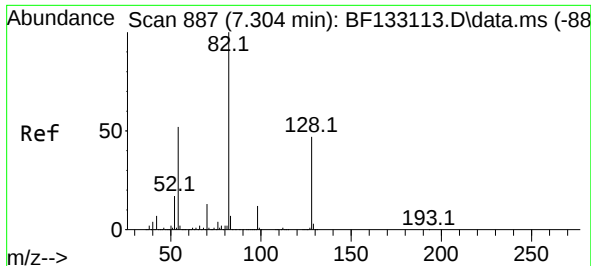
Tgt Ion:136	Resp: 813125
Ion Ratio	Lower Upper
136 100	
137 11.0	8.6 13.0
54 7.8	7.0 10.4
68 6.4	5.4 8.2



#22
Acetophenone
Concen: 44.121 ng
RT: 7.139 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

Tgt	Ion:105	Resp:	831061
Ion	Ratio	Lower	Upper
105	100		
71	3.1	4.6	7.0#
51	32.9	28.2	42.2
120	23.6	18.4	27.6





#23

Nitrobenzene-d5

Concen: 68.971 ng

RT: 7.298 min Scan# 886

Delta R.T. -0.000 min

Lab File: BF133225.D

Acq: 04 May 2023 11:38

Instrument :

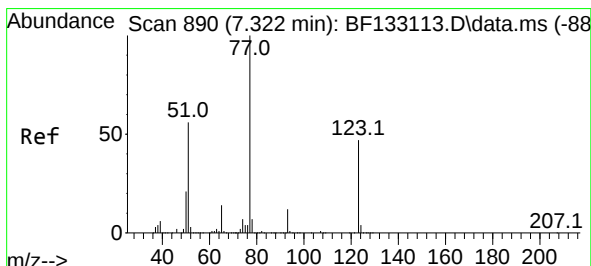
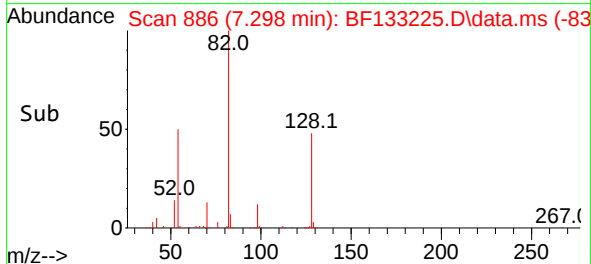
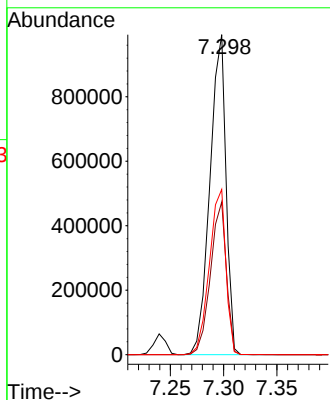
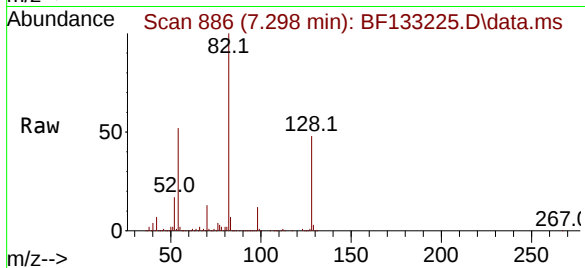
BNA_F

ClientSampleId :

PB152560BS

Tgt Ion: 82 Resp: 1039006

Ion	Ratio	Lower	Upper
82	100		
128	47.7	37.7	56.5
54	51.7	43.0	64.4



#24

Nitrobenzene

Concen: 41.737 ng

RT: 7.316 min Scan# 889

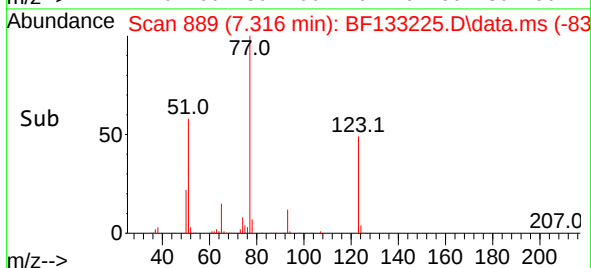
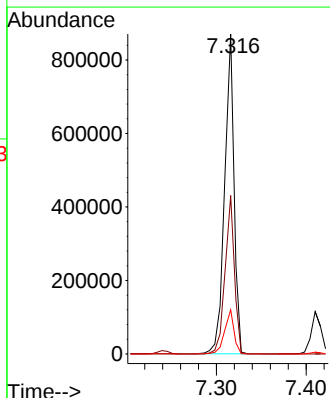
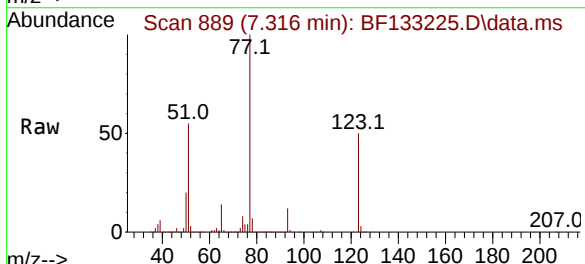
Delta R.T. -0.000 min

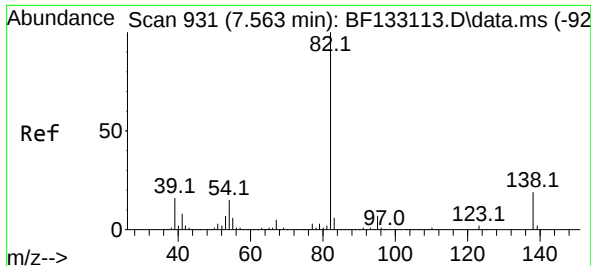
Lab File: BF133225.D

Acq: 04 May 2023 11:38

Tgt Ion: 77 Resp: 637119

Ion	Ratio	Lower	Upper
77	100		
123	49.5	39.9	59.9
65	13.8	10.7	16.1

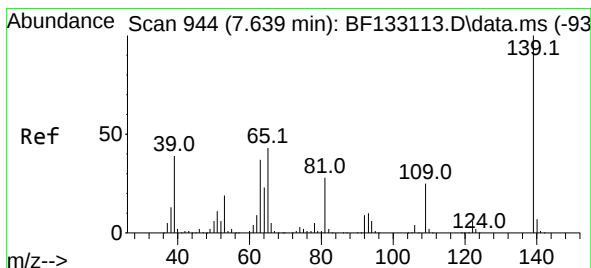
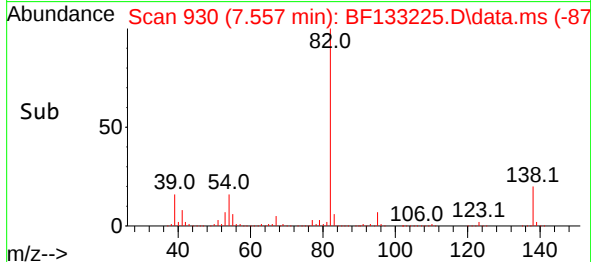
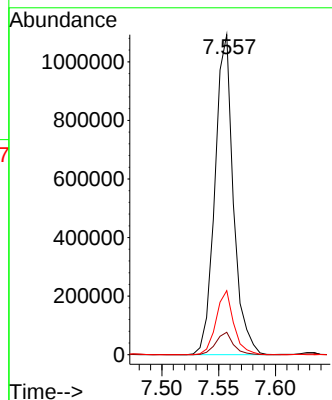
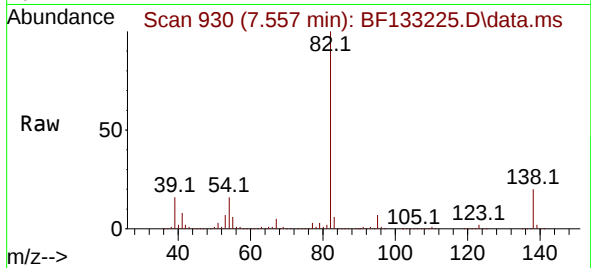




#25
Isophorone
Concen: 43.200 ng
RT: 7.557 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

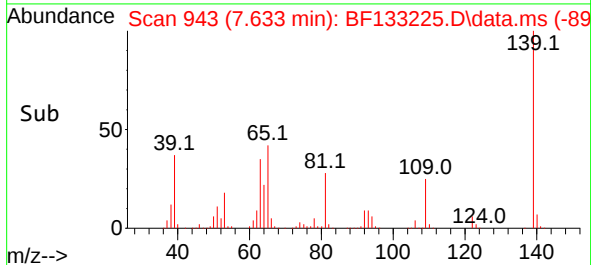
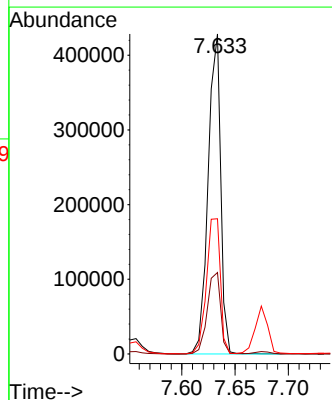
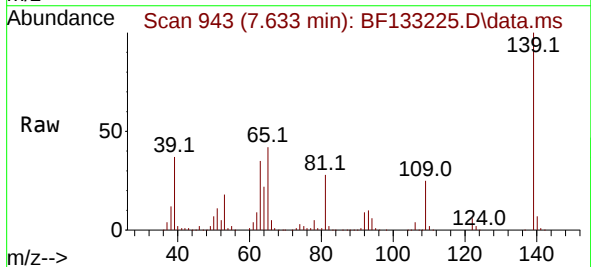
Instrument :
BNA_F
ClientSampleId :
PB152560BS

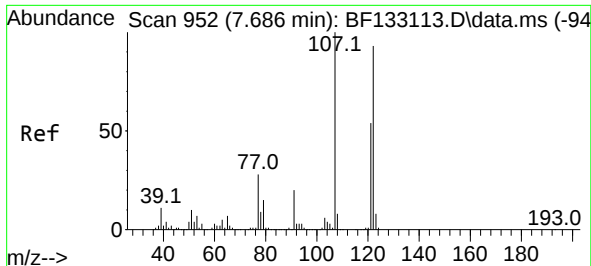
Tgt Ion: 82 Resp: 1235593
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.0
138 20.0 16.0 24.0



#26
2-Nitrophenol
Concen: 47.916 ng
RT: 7.633 min Scan# 943
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

Tgt Ion:139 Resp: 352795
Ion Ratio Lower Upper
139 100
109 25.4 21.6 32.4
65 42.3 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 46.721 ng

RT: 7.675 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF133225.D

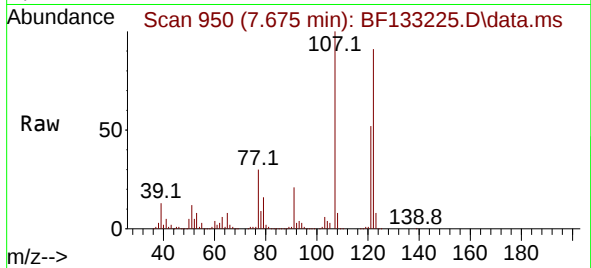
Acq: 04 May 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB152560BS



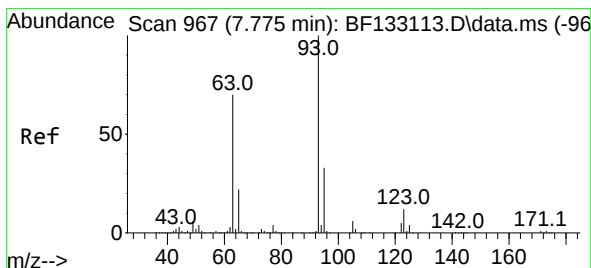
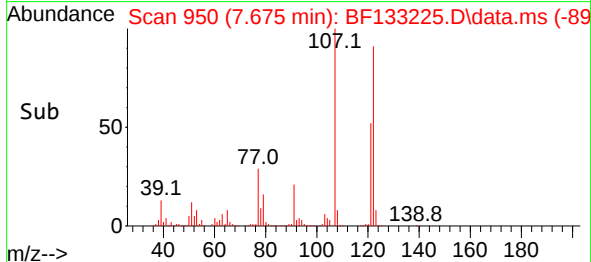
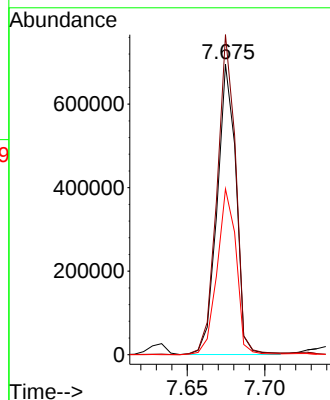
Tgt Ion:122 Resp: 589863

Ion Ratio Lower Upper

122 100

107 110.2 89.7 134.5

121 57.1 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 44.069 ng

RT: 7.769 min Scan# 966

Delta R.T. -0.000 min

Lab File: BF133225.D

Acq: 04 May 2023 11:38

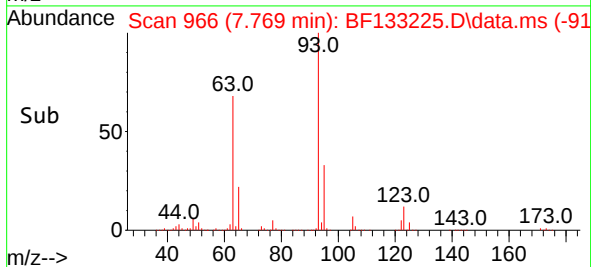
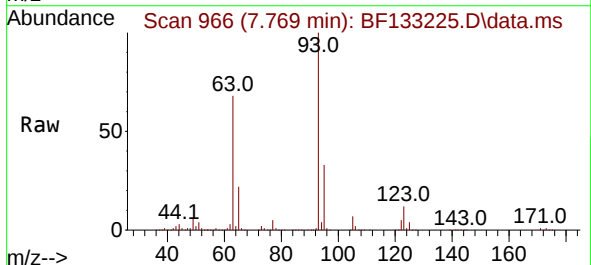
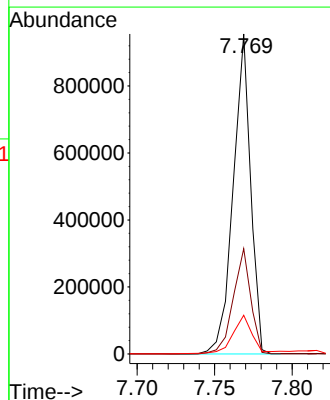
Tgt Ion: 93 Resp: 745677

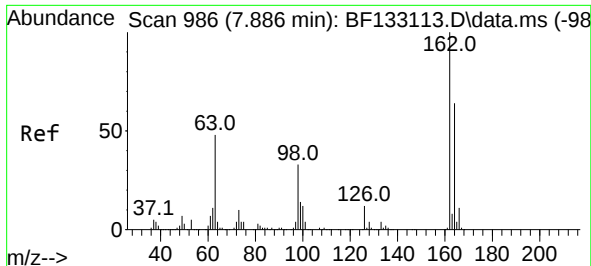
Ion Ratio Lower Upper

93 100

95 32.9 26.4 39.6

123 12.1 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 46.337 ng

RT: 7.875 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF133225.D

Acq: 04 May 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB152560BS

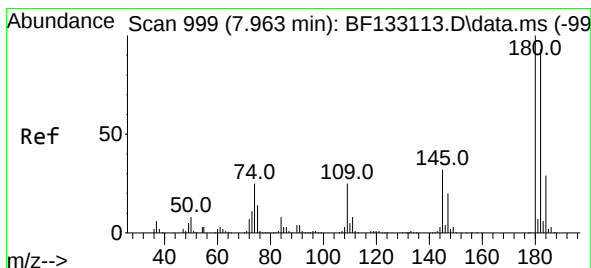
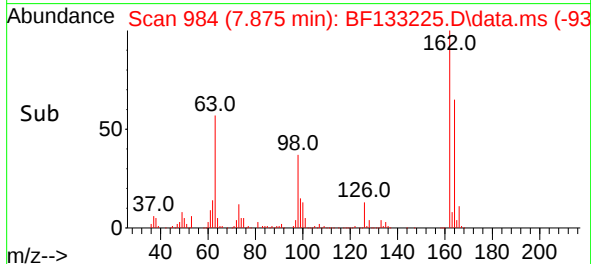
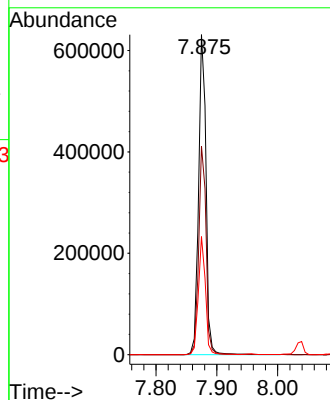
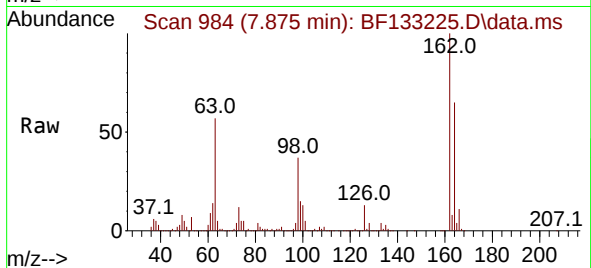
Tgt Ion:162 Resp: 532560

Ion Ratio Lower Upper

162 100

164 65.2 43.9 83.9

98 36.9 17.0 57.0



#30

1,2,4-Trichlorobenzene

Concen: 45.265 ng

RT: 7.957 min Scan# 998

Delta R.T. -0.000 min

Lab File: BF133225.D

Acq: 04 May 2023 11:38

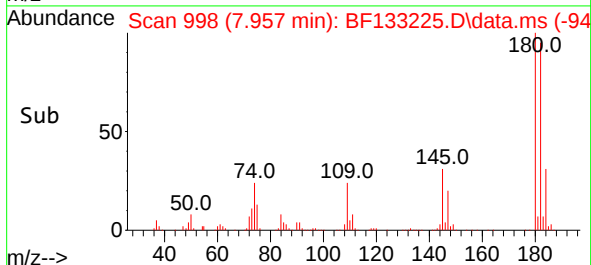
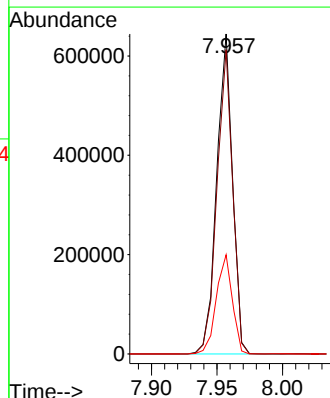
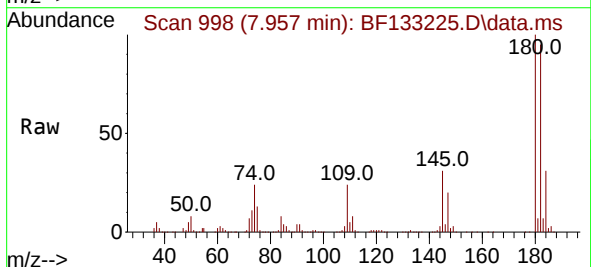
Tgt Ion:180 Resp: 538970

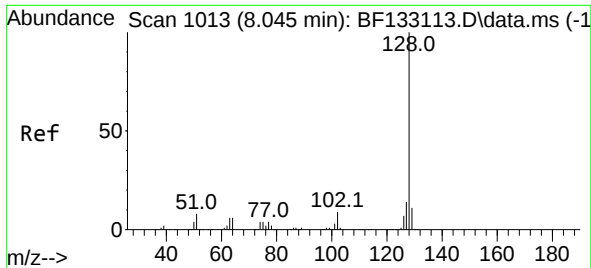
Ion Ratio Lower Upper

180 100

182 95.1 75.9 113.9

145 31.0 25.3 37.9

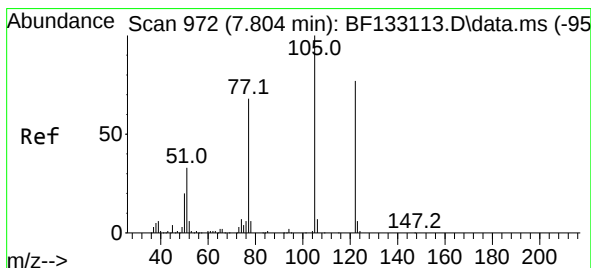
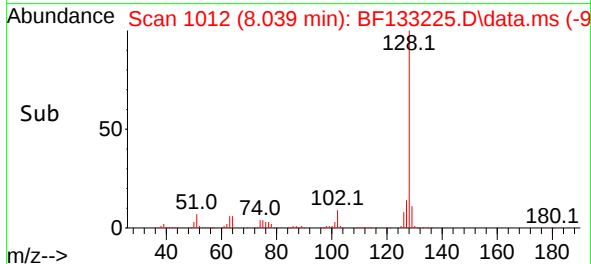
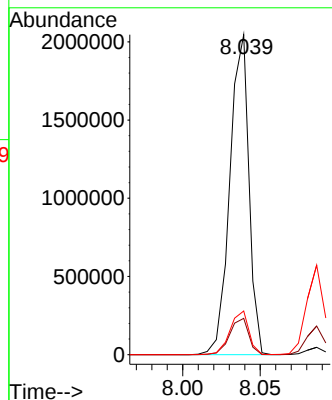
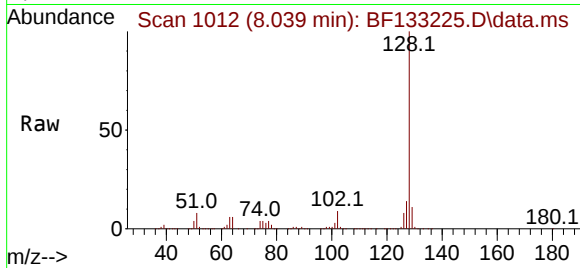




#31
Naphthalene
Concen: 43.079 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

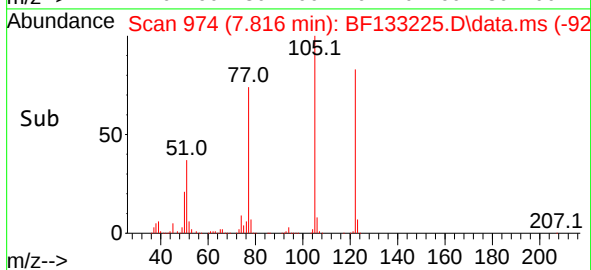
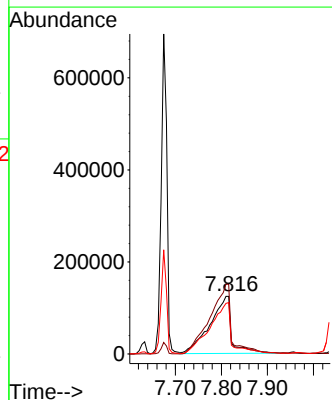
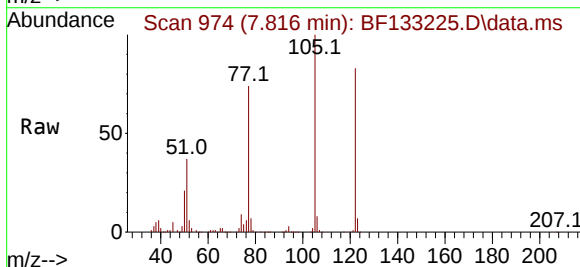
Instrument :
BNA_F
ClientSampleId :
PB152560BS

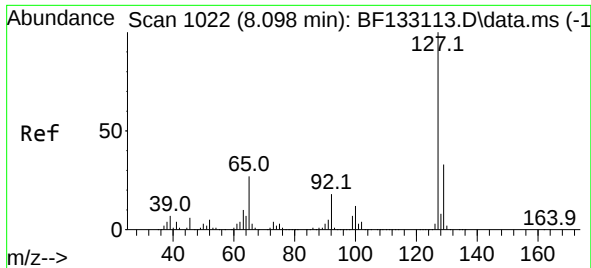
Tgt Ion:128 Resp: 1751336
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.7 10.7 16.1



#32
Benzoic acid
Concen: 52.364 ng
RT: 7.816 min Scan# 974
Delta R.T. 0.012 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

Tgt Ion:122 Resp: 408357
Ion Ratio Lower Upper
122 100
105 120.6 104.2 144.2
77 89.1 69.7 109.7

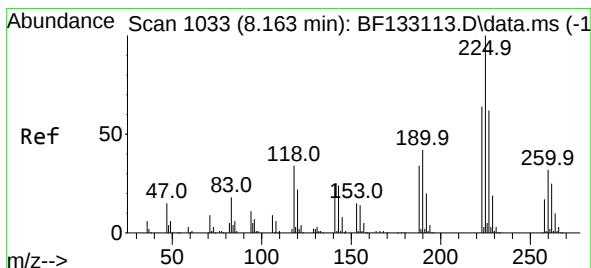
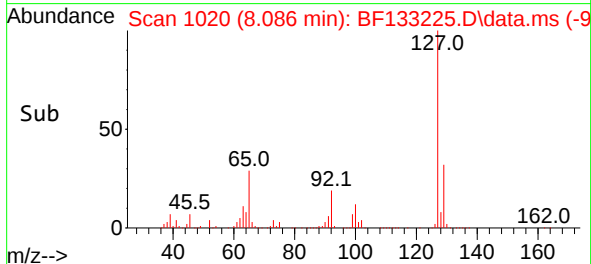
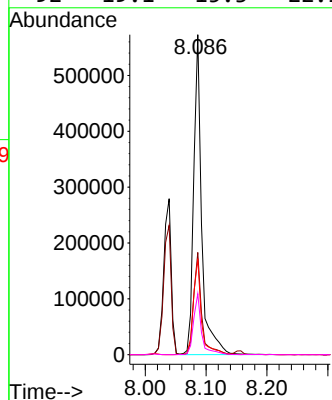
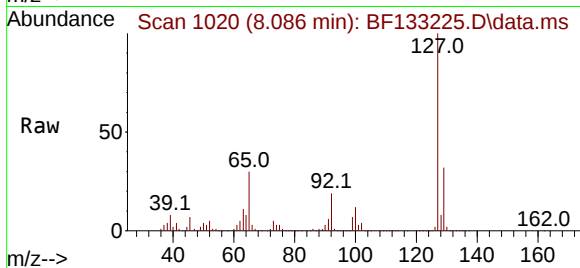




#33
4-Chloroaniline
Concen: 31.810 ng
RT: 8.086 min Scan# 1022
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

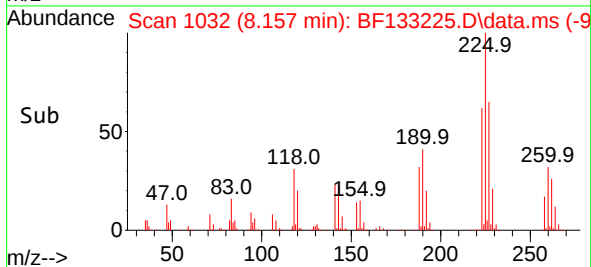
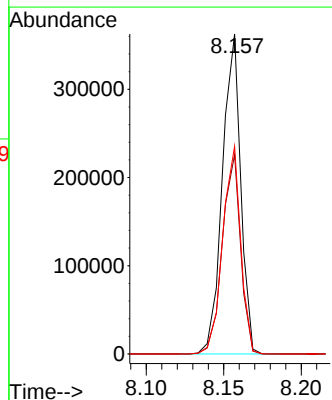
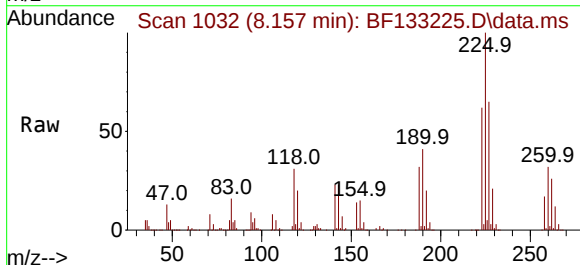
Instrument :
BNA_F
ClientSampleId :
PB152560BS

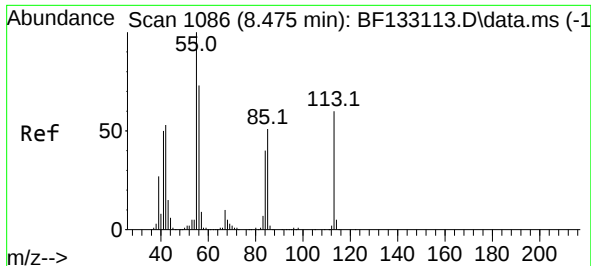
Tgt Ion:	127	Resp:	522502
Ion Ratio	Lower	Upper	
127	100		
129	32.0	25.8	38.8
65	30.0	23.6	35.4
92	19.1	15.3	22.9



#34
Hexachlorobutadiene
Concen: 45.081 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

Tgt Ion:	225	Resp:	297505
Ion Ratio	Lower	Upper	
225	100		
223	62.3	50.9	76.3
227	64.9	50.3	75.5

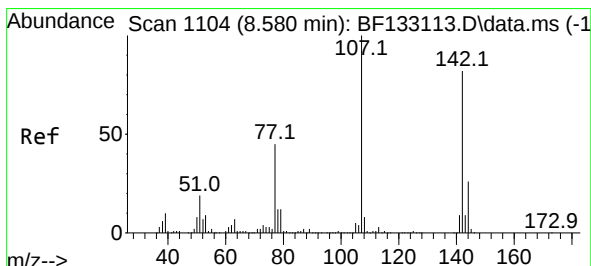
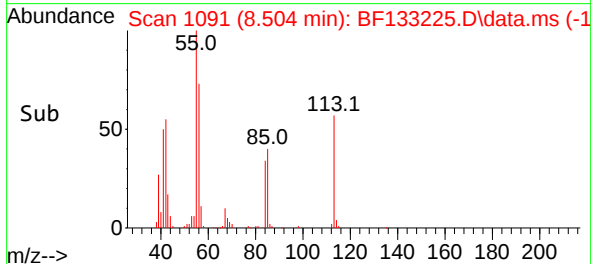
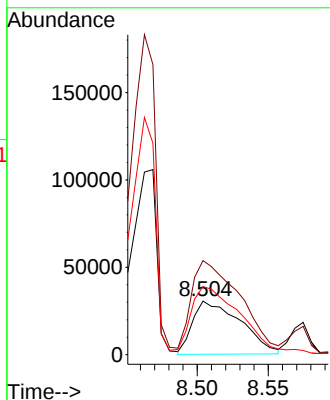
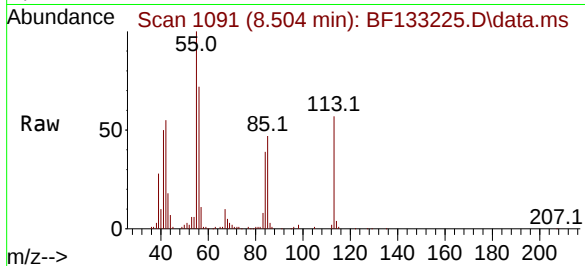




#35
 Caprolactam
 Concen: 18.508 ng
 RT: 8.504 min Scan# 1103
 Delta R.T. 0.041 min
 Lab File: BF133225.D
 Acq: 04 May 2023 11:38

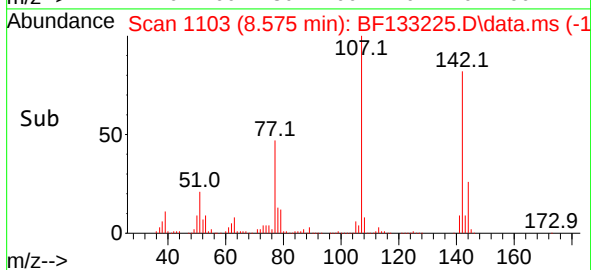
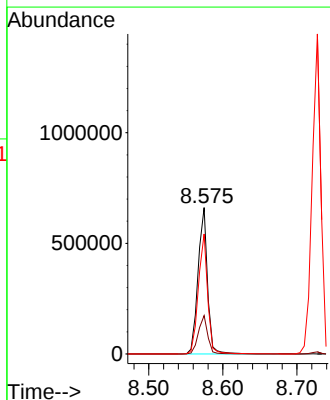
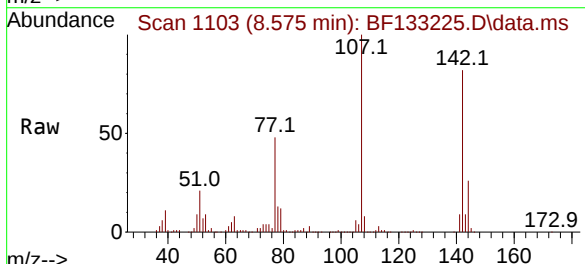
Instrument :
 BNA_F
 ClientSampleId :
 PB152560BS

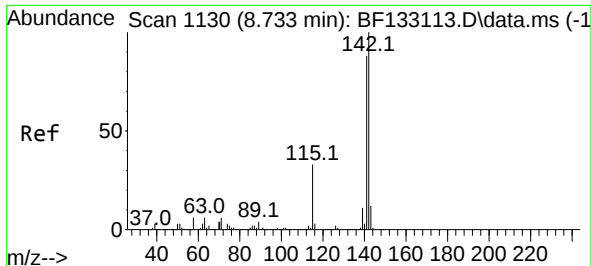
Tgt Ion:113 Resp: 71459
 Ion Ratio Lower Upper
 113 100
 55 175.4 167.1 207.1
 56 126.8 114.5 154.5



#36
 4-Chloro-3-methylphenol
 Concen: 47.265 ng
 RT: 8.575 min Scan# 1103
 Delta R.T. 0.006 min
 Lab File: BF133225.D
 Acq: 04 May 2023 11:38

Tgt Ion:107 Resp: 585804
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.6 30.8
 142 82.0 62.8 94.2

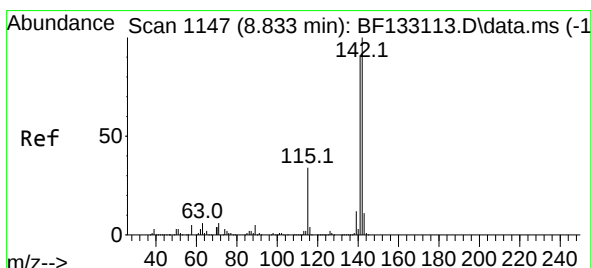
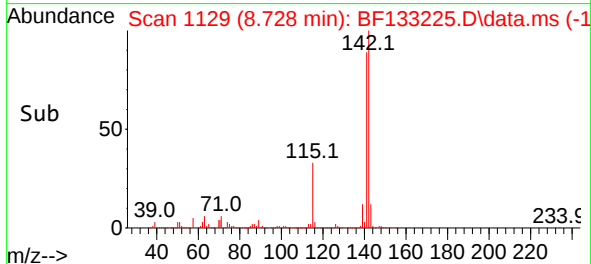
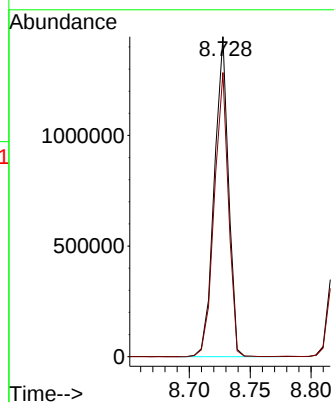
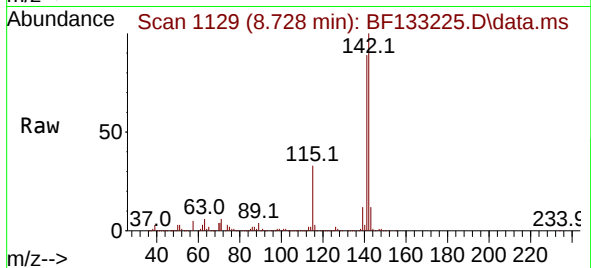




#37
2-Methylnaphthalene
Concen: 42.231 ng
RT: 8.728 min Scan# 1129
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

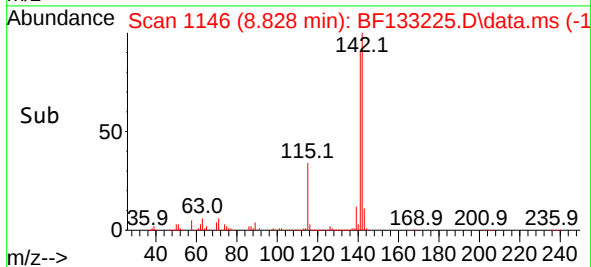
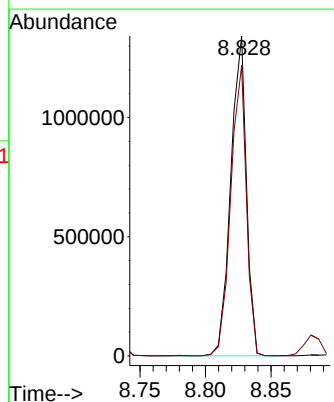
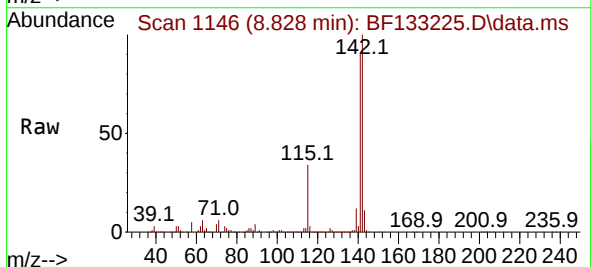
Instrument :
BNA_F
ClientSampleId :
PB152560BS

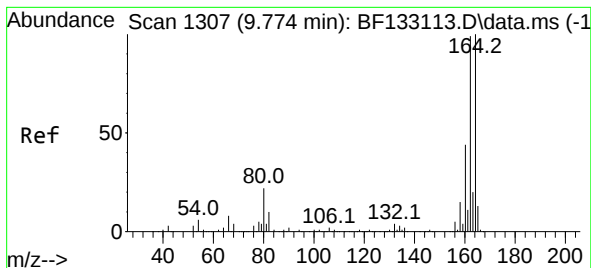
Tgt Ion:142 Resp: 1173768
Ion Ratio Lower Upper
142 100
141 88.8 69.4 104.0



#38
1-Methylnaphthalene
Concen: 42.811 ng
RT: 8.828 min Scan# 1146
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

Tgt Ion:142 Resp: 1113123
Ion Ratio Lower Upper
142 100
141 90.7 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133225.D

Acq: 04 May 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB152560BS

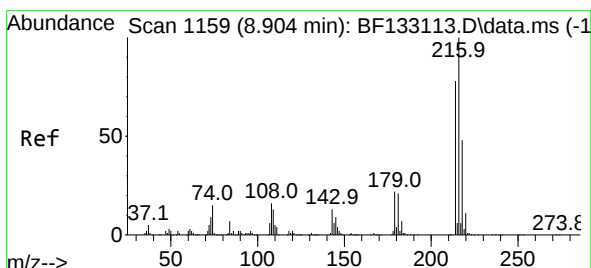
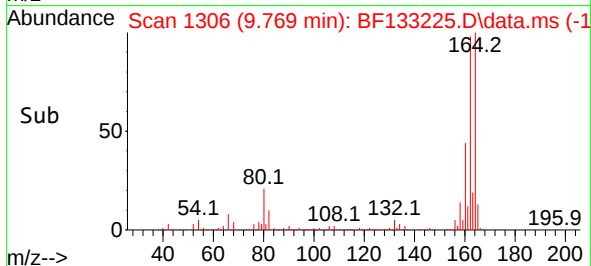
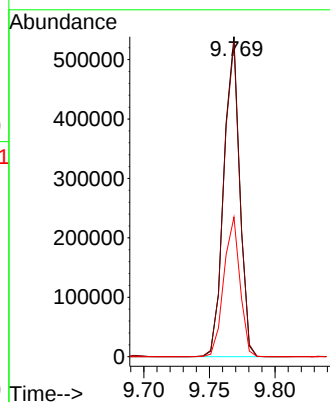
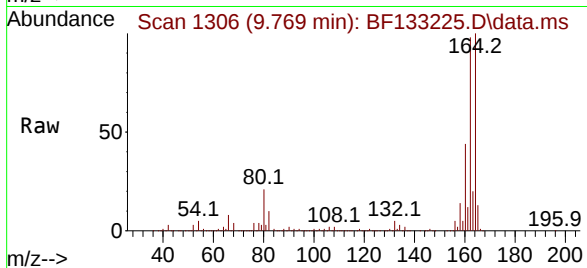
Tgt Ion:164 Resp: 451047

Ion Ratio Lower Upper

164 100

162 98.2 78.7 118.1

160 43.6 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.541 ng

RT: 8.898 min Scan# 1158

Delta R.T. 0.006 min

Lab File: BF133225.D

Acq: 04 May 2023 11:38

Tgt Ion:216 Resp: 479525

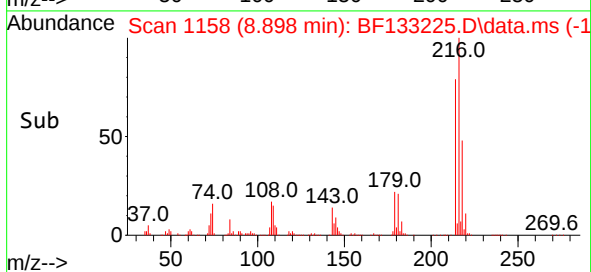
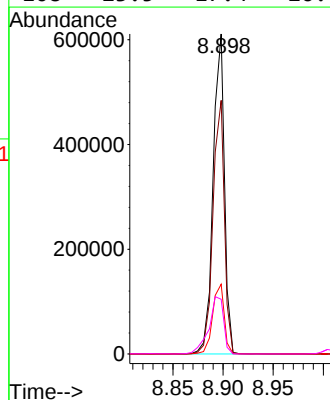
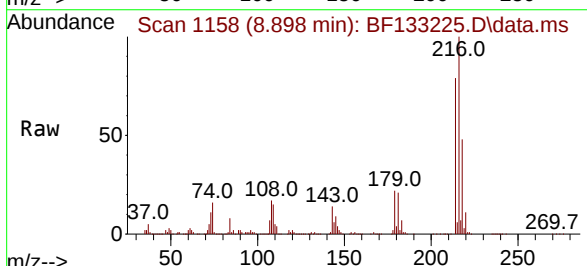
Ion Ratio Lower Upper

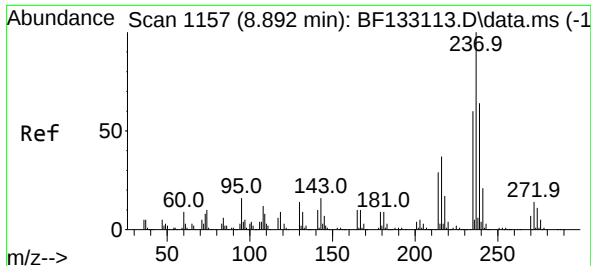
216 100

214 80.2 63.5 95.3

179 22.4 17.4 26.2

108 23.5 17.4 26.0

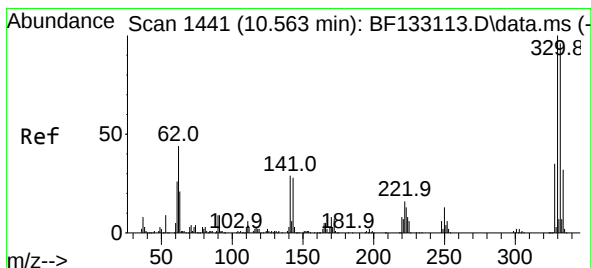
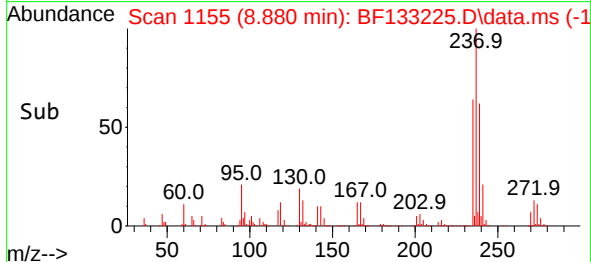
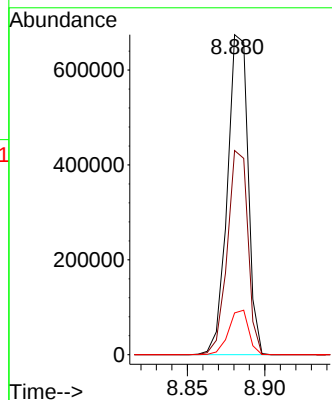
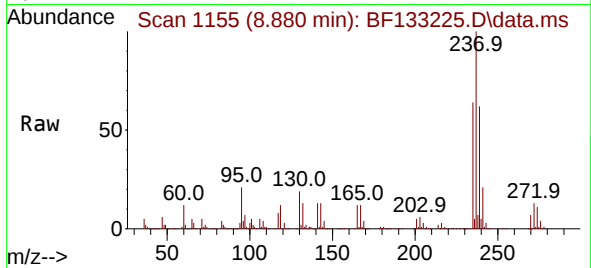




#41
Hexachlorocyclopentadiene
Concen: 88.554 ng
RT: 8.880 min Scan# 1155
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

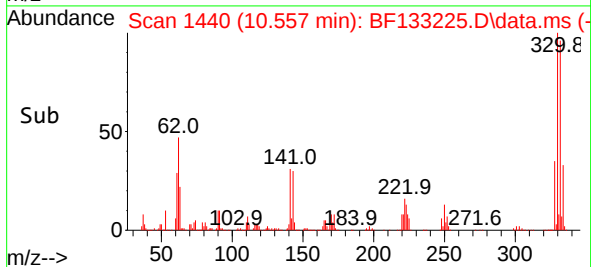
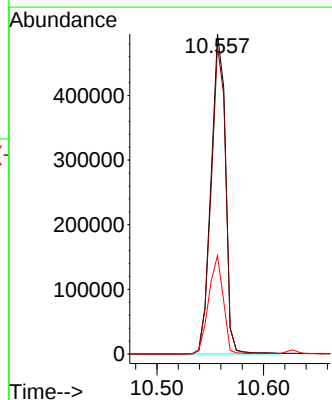
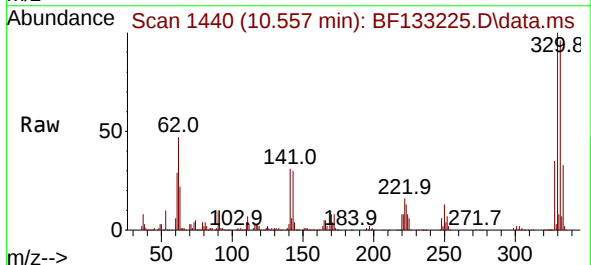
Instrument :
BNA_F
ClientSampleId :
PB152560BS

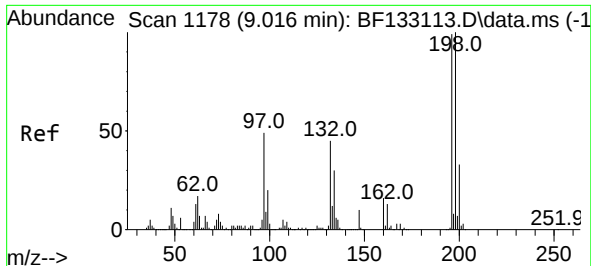
Tgt Ion:237 Resp: 626316
Ion Ratio Lower Upper
237 100
235 63.8 43.5 83.5
272 13.0 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 102.847 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

Tgt Ion:330 Resp: 466527
Ion Ratio Lower Upper
330 100
332 96.4 77.1 115.7
141 31.1 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 43.909 ng

RT: 9.010 min Scan# 1177

Delta R.T. 0.006 min

Lab File: BF133225.D

Acq: 04 May 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB152560BS

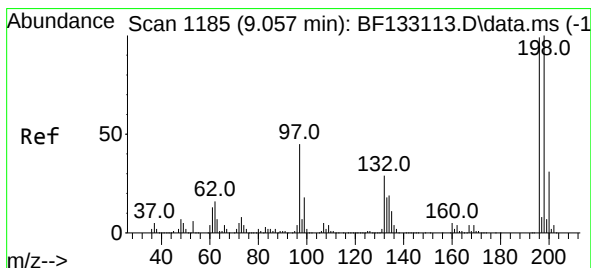
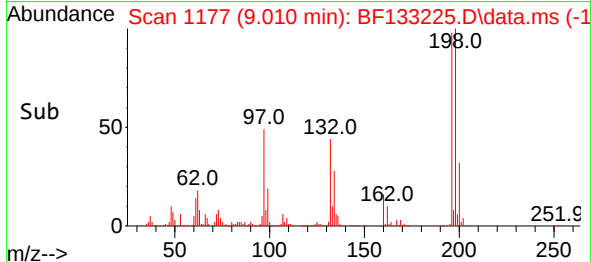
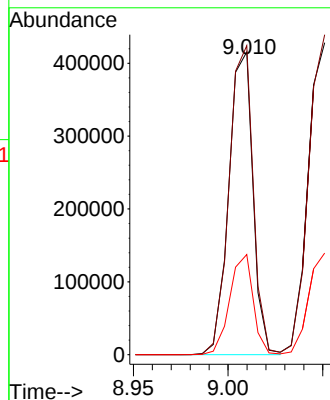
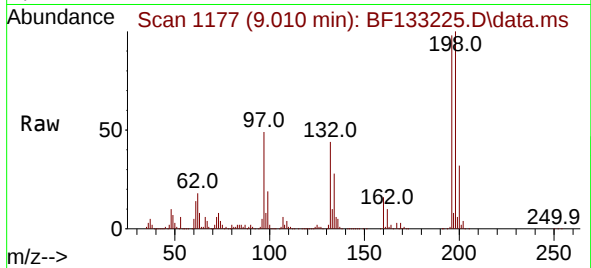
Tgt Ion:196 Resp: 368260

Ion Ratio Lower Upper

196 100

198 102.1 81.0 121.6

200 33.1 26.1 39.1



#44

2,4,5-Trichlorophenol

Concen: 41.143 ng

RT: 9.051 min Scan# 1184

Delta R.T. 0.006 min

Lab File: BF133225.D

Acq: 04 May 2023 11:38

Tgt Ion:196 Resp: 399077

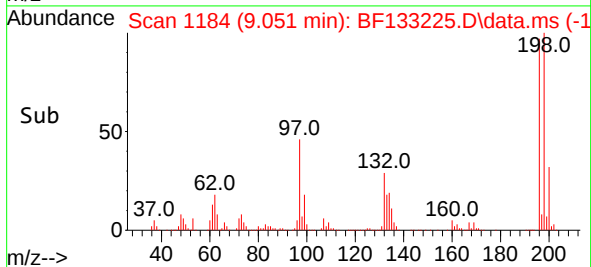
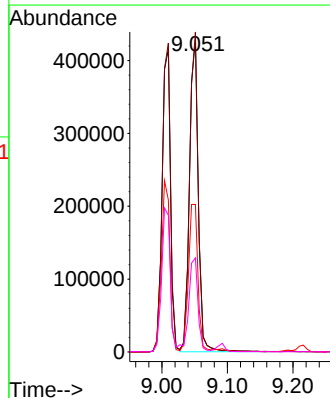
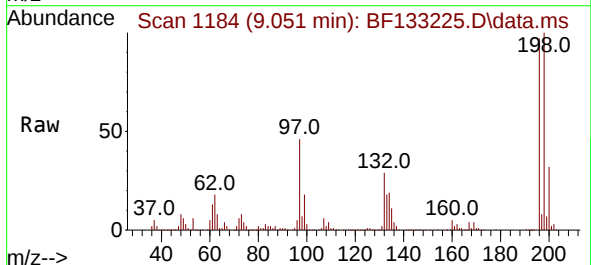
Ion Ratio Lower Upper

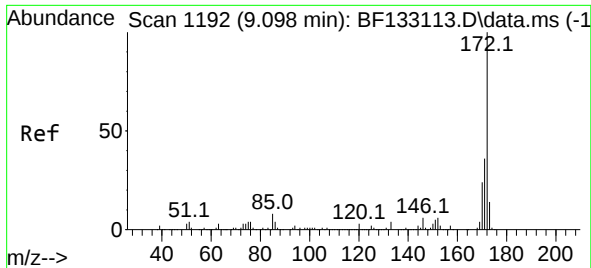
196 100

198 102.6 80.9 121.3

97 47.3 41.3 61.9

132 30.1 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 68.348 ng

RT: 9.092 min Scan# 1192

Delta R.T. -0.000 min

Lab File: BF133225.D

Acq: 04 May 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB152560BS

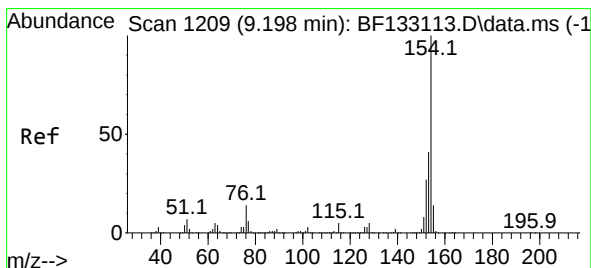
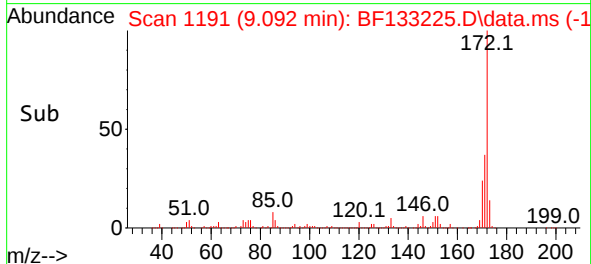
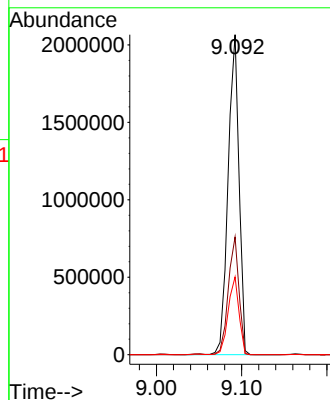
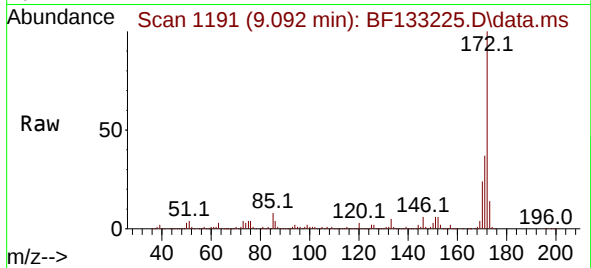
Tgt Ion:172 Resp: 1842685

Ion Ratio Lower Upper

172 100

171 36.8 28.8 43.2

170 24.3 19.4 29.2



#46

1,1'-Biphenyl

Concen: 41.530 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.000 min

Lab File: BF133225.D

Acq: 04 May 2023 11:38

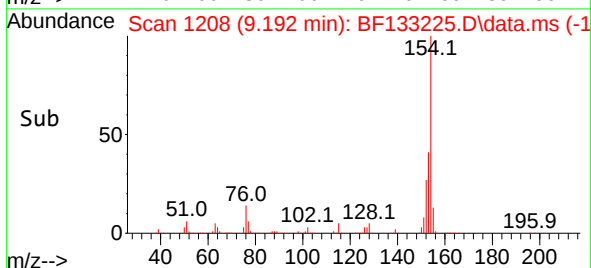
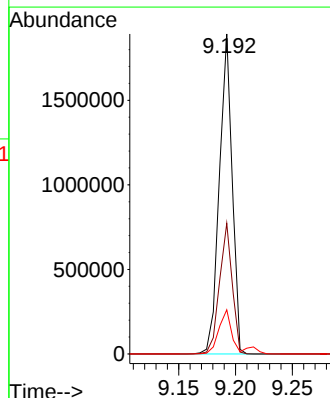
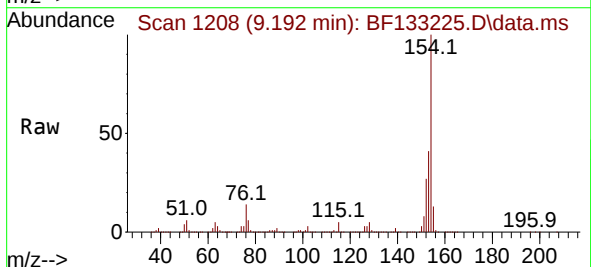
Tgt Ion:154 Resp: 1485361

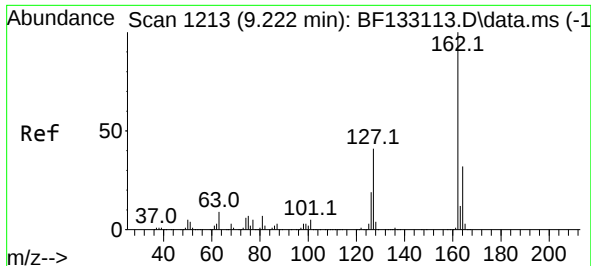
Ion Ratio Lower Upper

154 100

153 40.9 21.0 61.0

76 13.8 0.0 34.5





#47

2-Chloronaphthalene

Concen: 42.835 ng

RT: 9.216 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133225.D

Acq: 04 May 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB152560BS

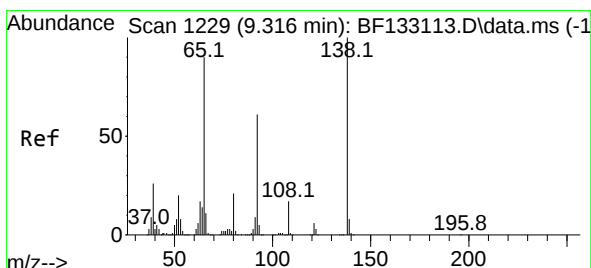
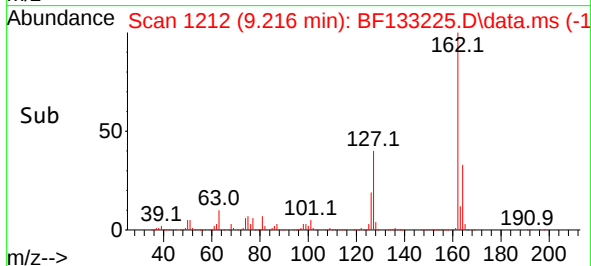
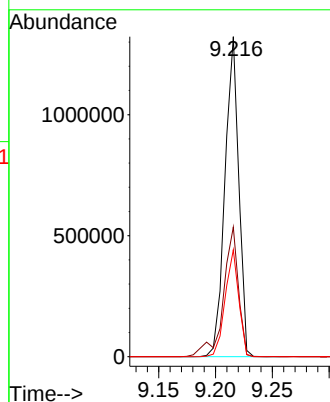
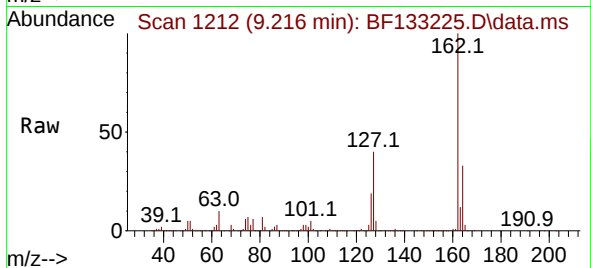
Tgt Ion:162 Resp: 1121338

Ion Ratio Lower Upper

162 100

127 40.5 32.3 48.5

164 33.4 26.8 40.2



#48

2-Nitroaniline

Concen: 43.632 ng

RT: 9.310 min Scan# 1228

Delta R.T. -0.000 min

Lab File: BF133225.D

Acq: 04 May 2023 11:38

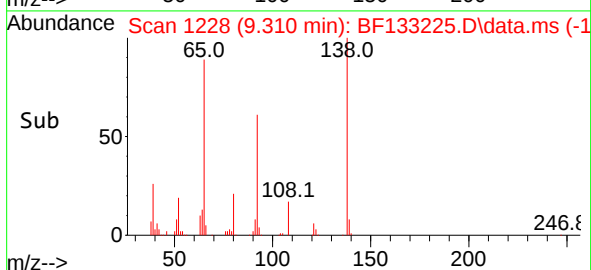
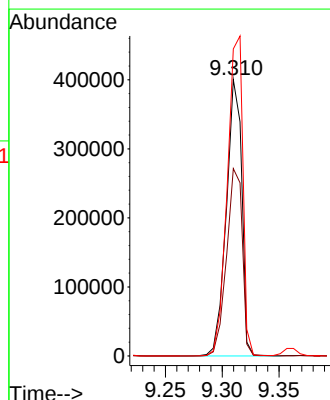
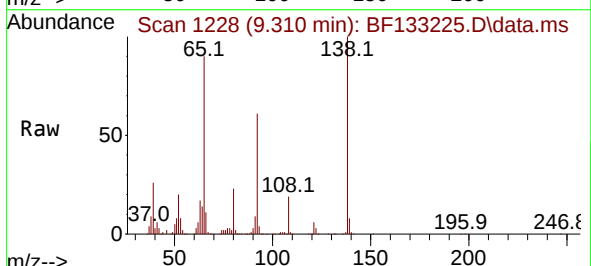
Tgt Ion: 65 Resp: 377494

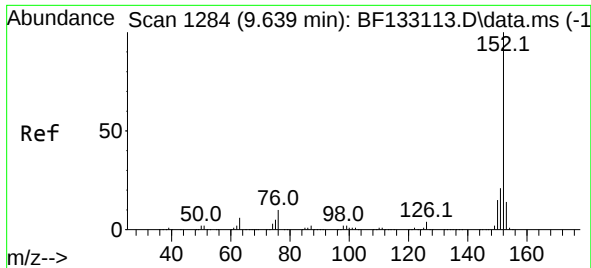
Ion Ratio Lower Upper

65 100

92 67.8 55.4 83.0

138 111.1 98.2 147.2

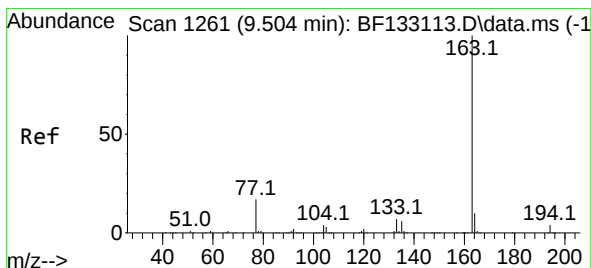
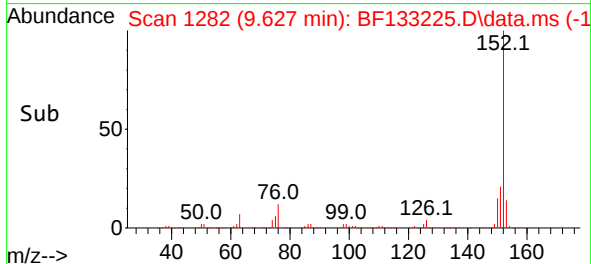
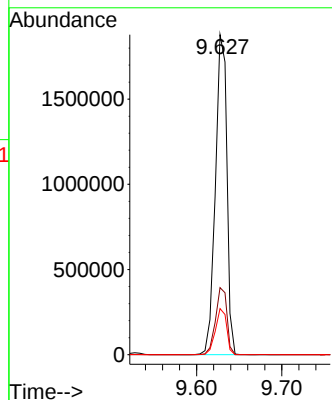
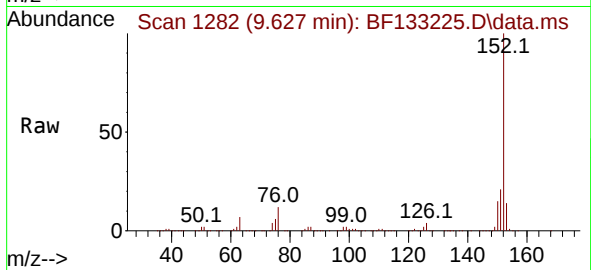




#49
Acenaphthylene
Concen: 42.281 ng
RT: 9.627 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

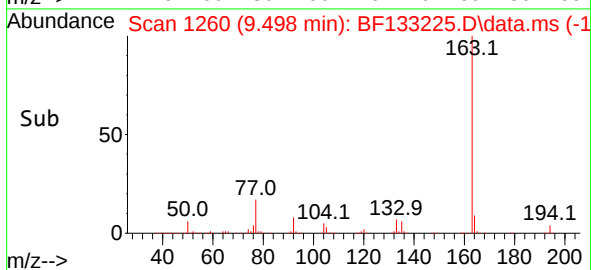
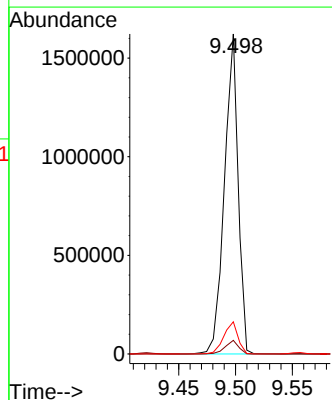
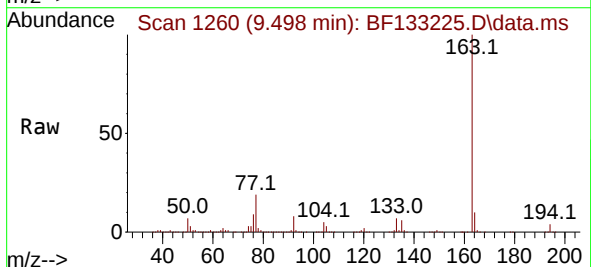
Instrument :
BNA_F
ClientSampleId :
PB152560BS

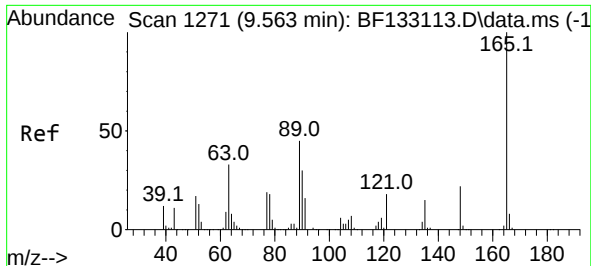
Tgt Ion:152 Resp: 1768564
Ion Ratio Lower Upper
152 100
151 21.0 16.6 24.8
153 14.4 11.5 17.3



#50
Dimethylphthalate
Concen: 43.357 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

Tgt Ion:163 Resp: 1363606
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 10.0 8.5 12.7





#51

2,6-Dinitrotoluene

Concen: 45.004 ng

RT: 9.557 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133225.D

Acq: 04 May 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB152560BS

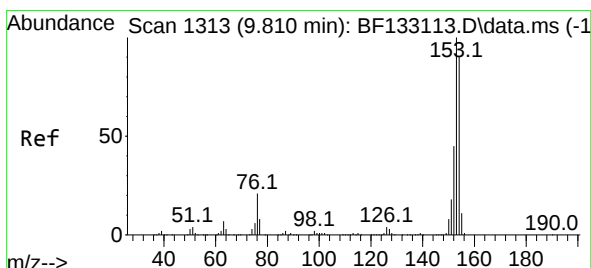
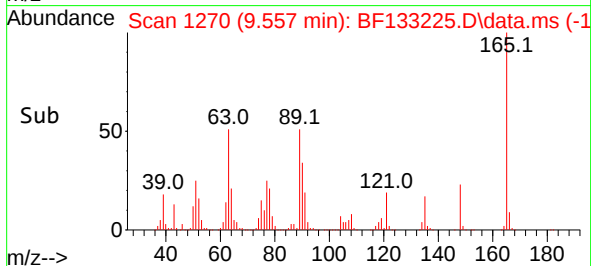
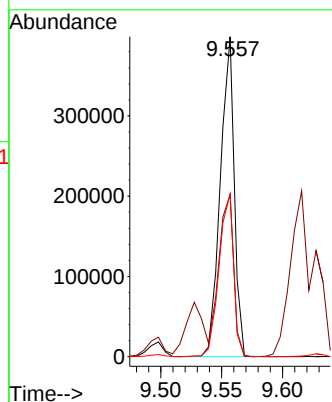
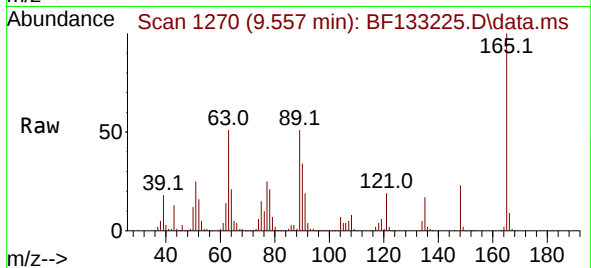
Tgt Ion:165 Resp: 318567

Ion Ratio Lower Upper

165 100

63 50.7 45.9 68.9

89 50.8 44.0 66.0



#52

Acenaphthene

Concen: 39.363 ng

RT: 9.804 min Scan# 1312

Delta R.T. -0.000 min

Lab File: BF133225.D

Acq: 04 May 2023 11:38

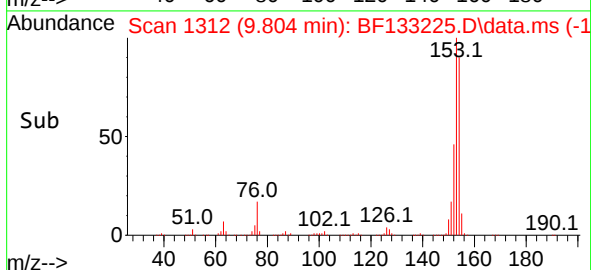
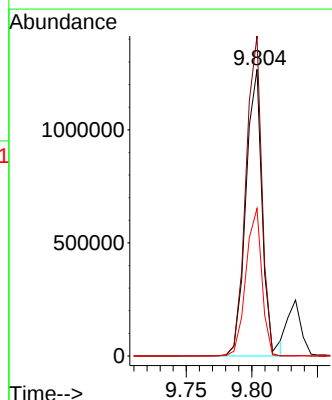
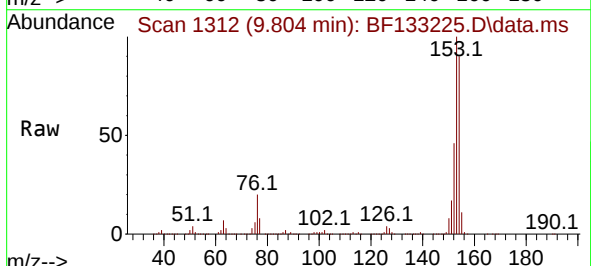
Tgt Ion:154 Resp: 1102745

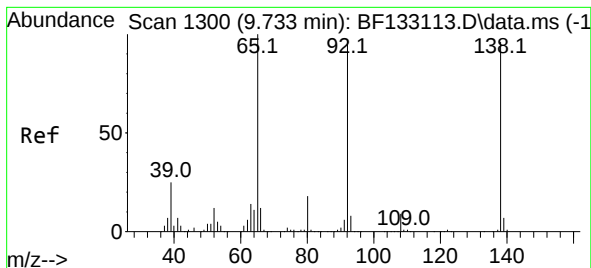
Ion Ratio Lower Upper

154 100

153 111.7 89.0 133.6

152 51.5 40.4 60.6





#53

3-Nitroaniline

Concen: 35.903 ng

RT: 9.722 min Scan# 1298

Delta R.T. -0.000 min

Lab File: BF133225.D

Acq: 04 May 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB152560BS

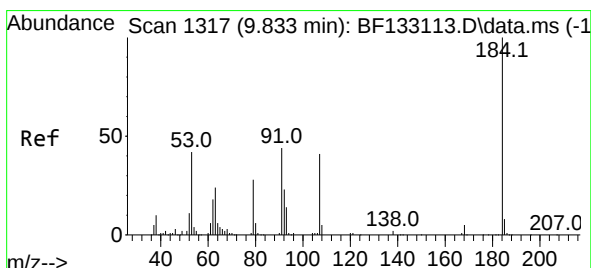
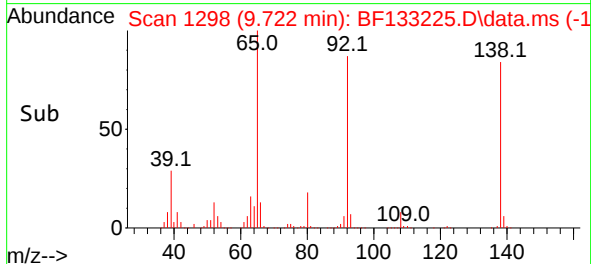
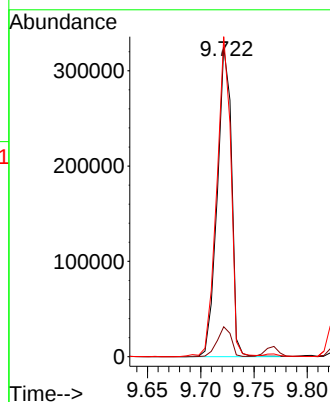
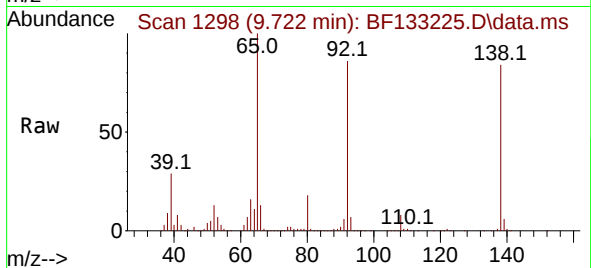
Tgt Ion:138 Resp: 302184

Ion Ratio Lower Upper

138 100

108 9.6 8.0 12.0

92 103.2 83.6 125.4



#54

2,4-Dinitrophenol

Concen: 100.395 ng

RT: 9.833 min Scan# 1317

Delta R.T. 0.006 min

Lab File: BF133225.D

Acq: 04 May 2023 11:38

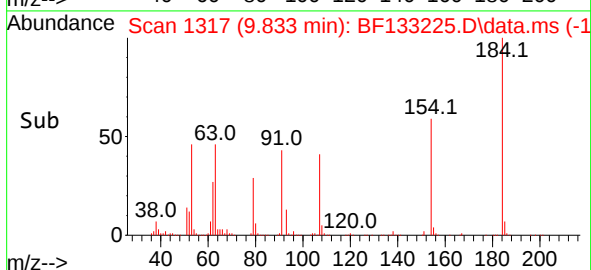
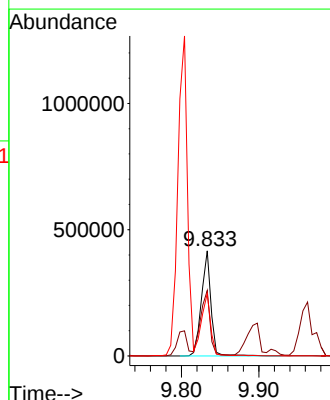
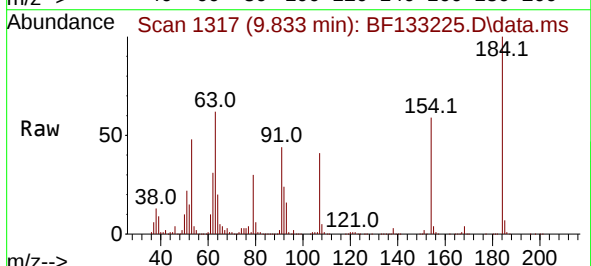
Tgt Ion:184 Resp: 357217

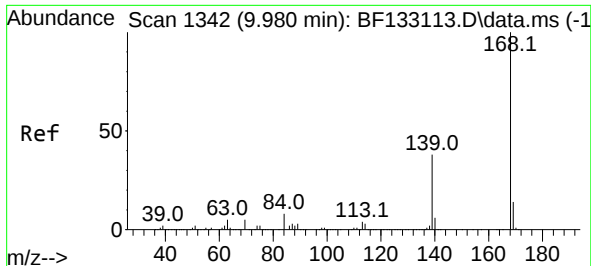
Ion Ratio Lower Upper

184 100

63 62.2 49.8 74.8

154 59.4 49.5 74.3





#55

Dibenzenofuran

Concen: 41.483 ng

RT: 9.975 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF133225.D

Acq: 04 May 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB152560BS

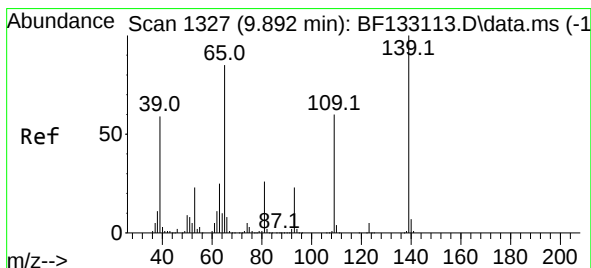
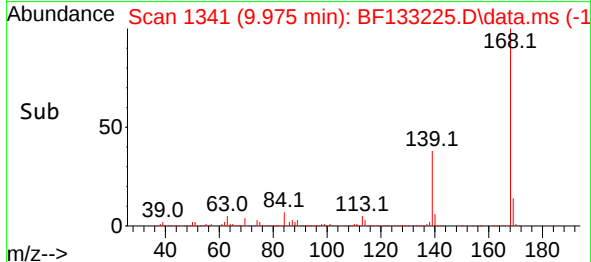
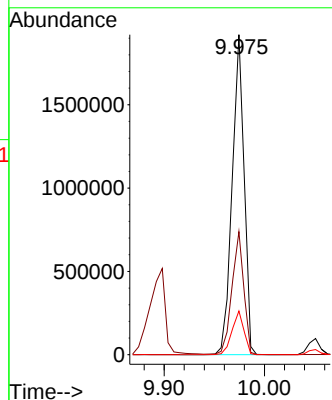
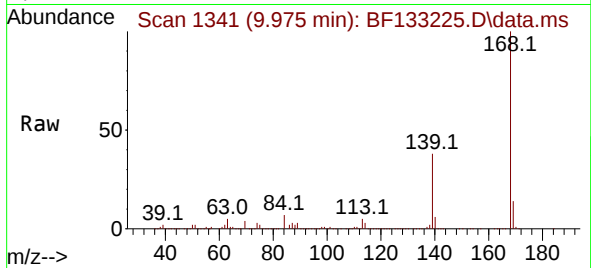
Tgt Ion:168 Resp: 1585278

Ion Ratio Lower Upper

168 100

139 38.4 29.8 44.8

169 13.6 10.8 16.2



#56

4-Nitrophenol

Concen: 86.170 ng

RT: 9.898 min Scan# 1328

Delta R.T. 0.012 min

Lab File: BF133225.D

Acq: 04 May 2023 11:38

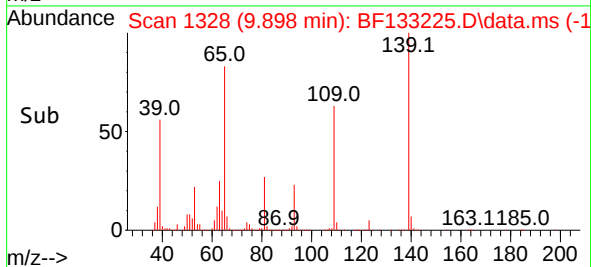
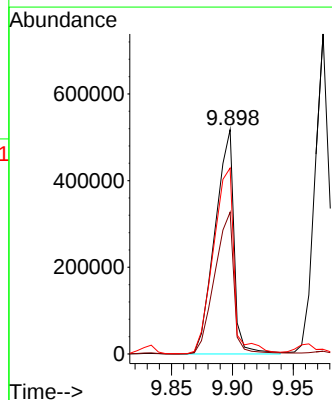
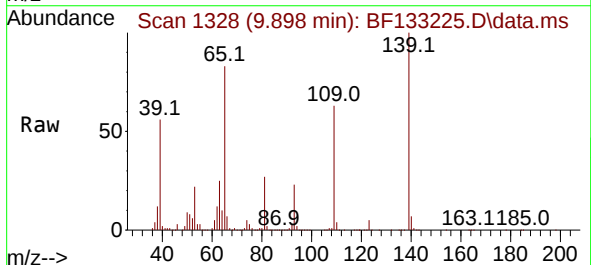
Tgt Ion:139 Resp: 561734

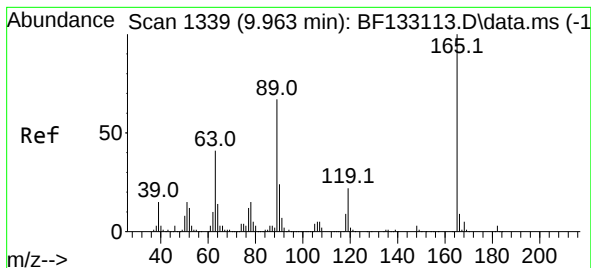
Ion Ratio Lower Upper

139 100

109 63.2 39.4 79.4

65 82.9 57.5 97.5





#57

2,4-Dinitrotoluene

Concen: 46.856 ng

RT: 9.963 min Scan# 1339

Delta R.T. 0.006 min

Lab File: BF133225.D

Acq: 04 May 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB152560BS

Tgt Ion:165 Resp: 422985

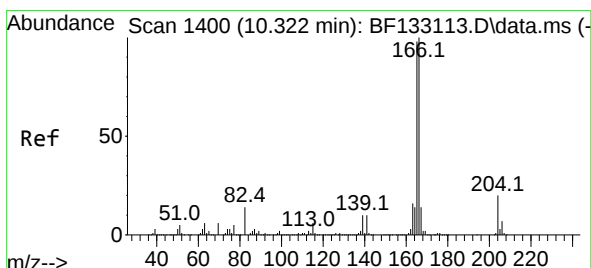
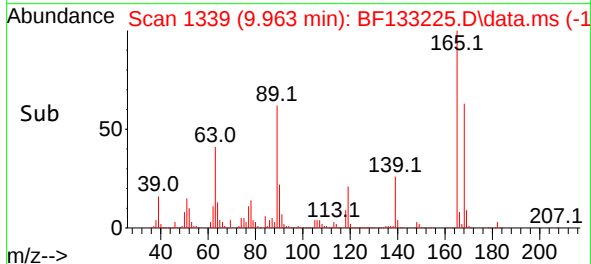
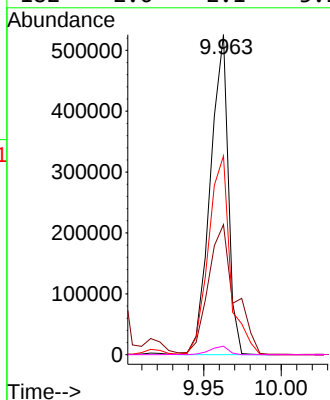
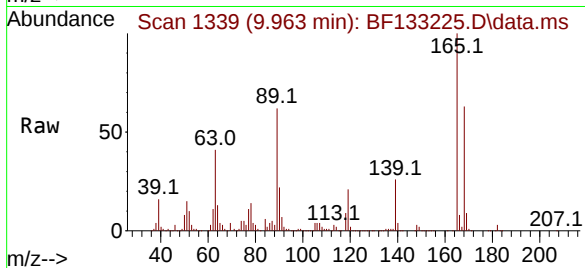
Ion Ratio Lower Upper

165 100

63 40.6 37.7 56.5

89 62.1 57.0 85.4

182 2.6 2.1 3.1



#58

Fluorene

Concen: 42.096 ng

RT: 10.316 min Scan# 1399

Delta R.T. -0.000 min

Lab File: BF133225.D

Acq: 04 May 2023 11:38

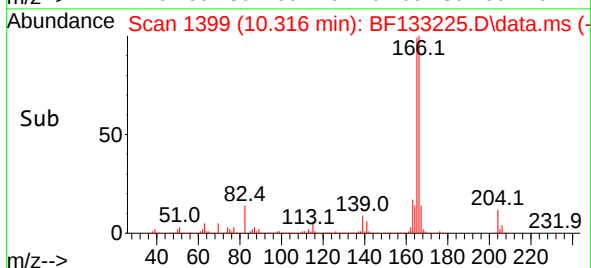
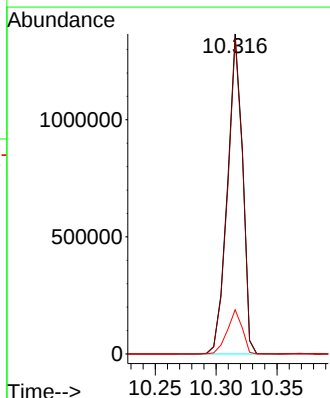
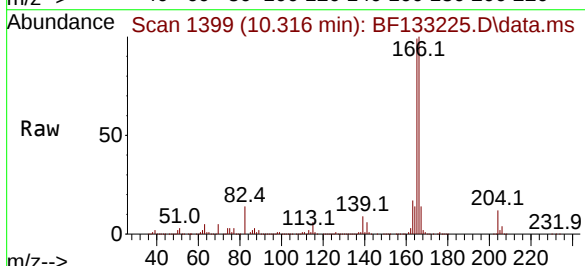
Tgt Ion:166 Resp: 1178602

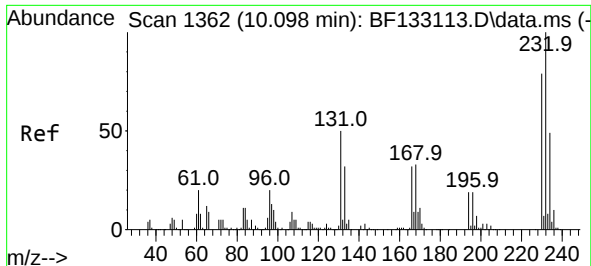
Ion Ratio Lower Upper

166 100

165 98.6 78.6 117.8

167 13.8 11.0 16.4

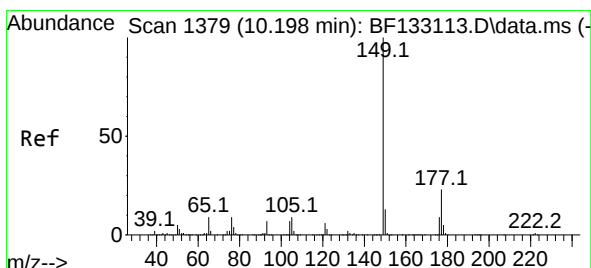
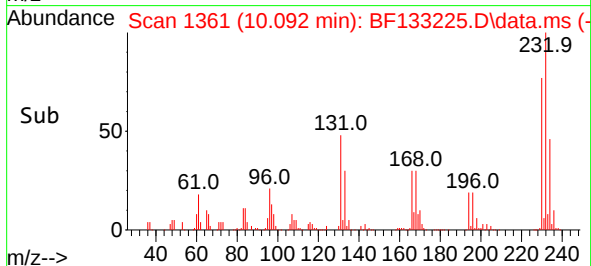
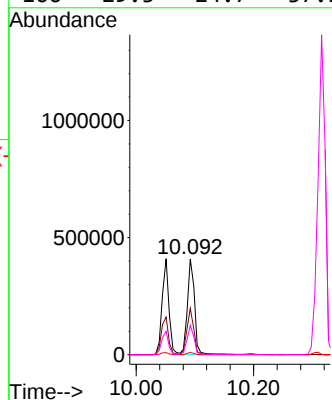
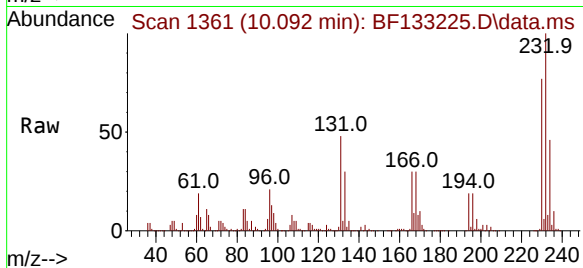




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.972 ng
RT: 10.092 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

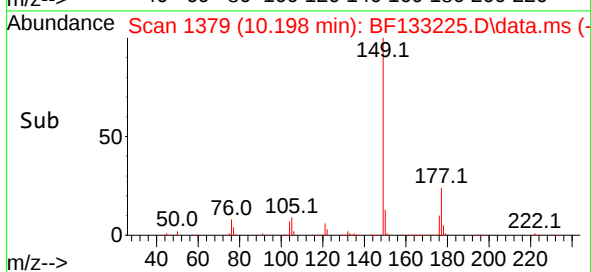
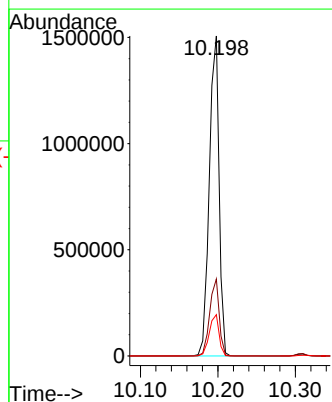
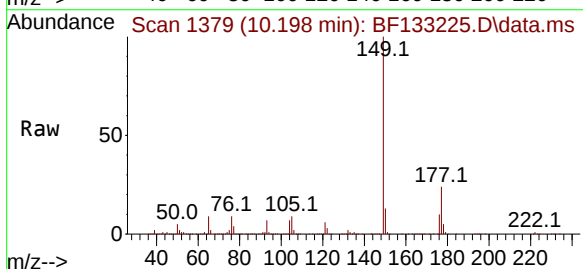
Instrument :
BNA_F
ClientSampleId :
PB152560BS

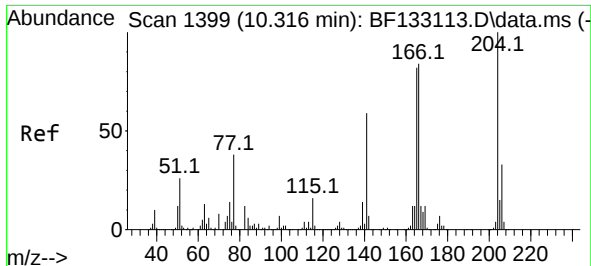
Tgt Ion:232 Resp: 345702
Ion Ratio Lower Upper
232 100
131 45.9 38.0 57.0
130 2.3 1.8 2.8
166 29.3 24.7 37.1



#60
Diethylphthalate
Concen: 44.423 ng
RT: 10.198 min Scan# 1379
Delta R.T. 0.006 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

Tgt Ion:149 Resp: 1319671
Ion Ratio Lower Upper
149 100
177 24.0 18.2 27.4
150 12.9 10.2 15.4

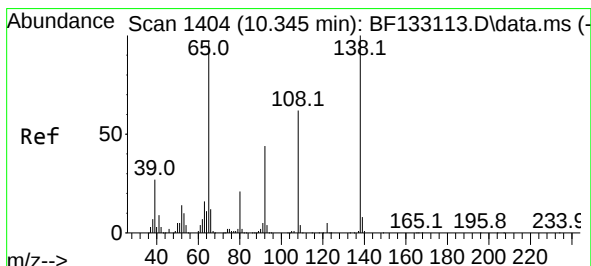
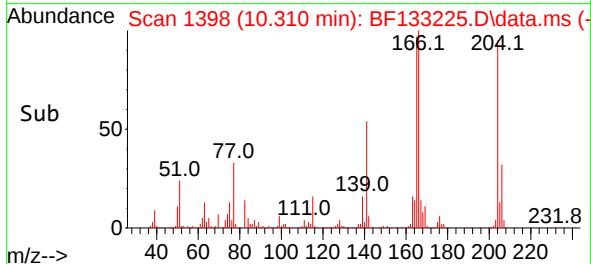
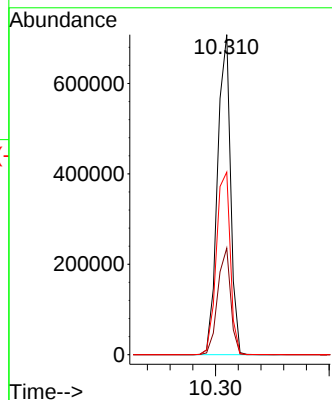
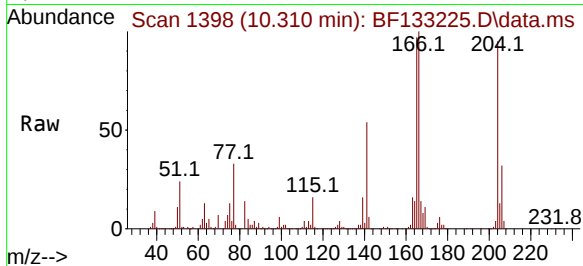




#61
4-Chlorophenyl-phenylether
Concen: 41.407 ng
RT: 10.310 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

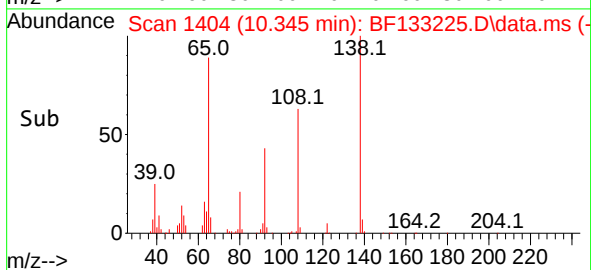
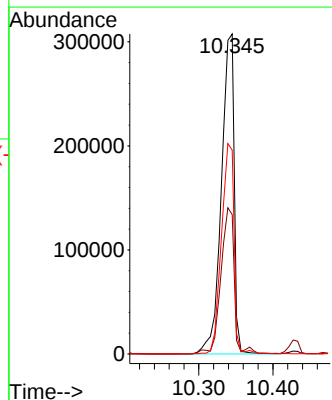
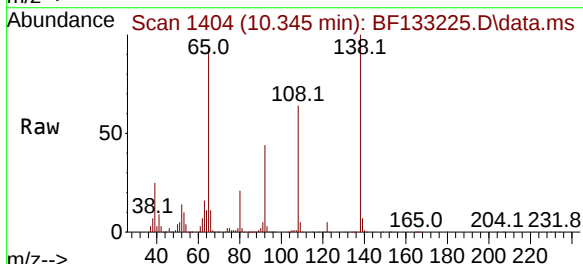
Instrument :
BNA_F
ClientSampleId :
PB152560BS

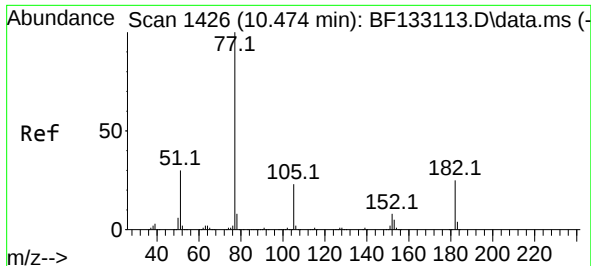
Tgt Ion:204 Resp: 564960
Ion Ratio Lower Upper
204 100
206 33.3 26.1 39.1
141 57.1 46.1 69.1



#62
4-Nitroaniline
Concen: 47.859 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.006 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

Tgt Ion:138 Resp: 370229
Ion Ratio Lower Upper
138 100
92 43.5 27.7 67.7
108 63.7 45.2 85.2



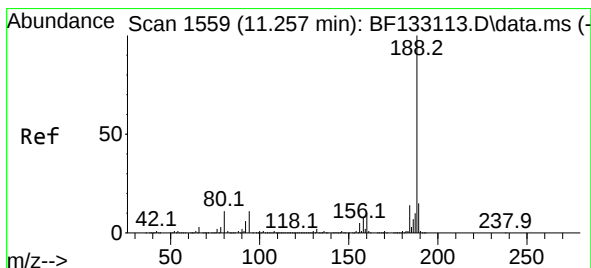
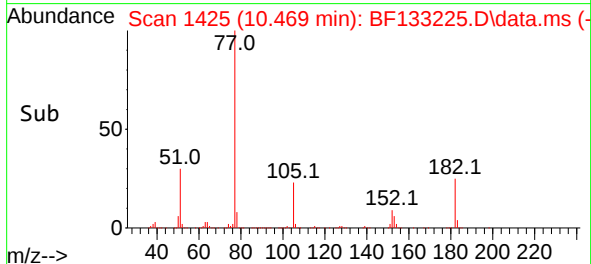
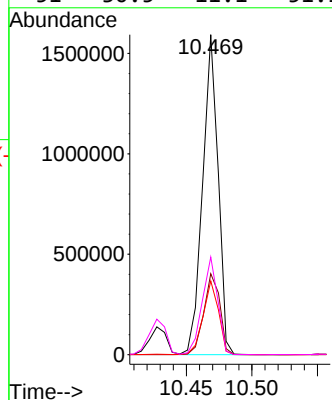
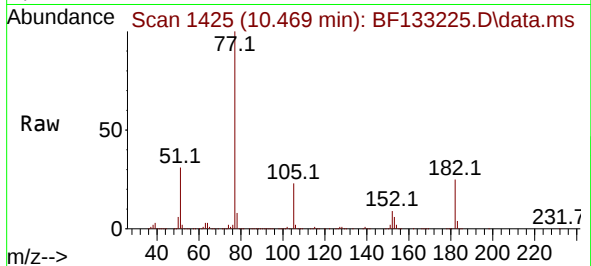


#63
Azobenzene
Concen: 41.618 ng
RT: 10.469 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

Instrument :
BNA_F
ClientSampleId :
PB152560BS

Tgt Ion: 77 Resp: 1309718

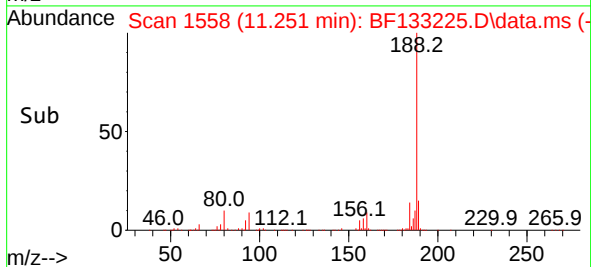
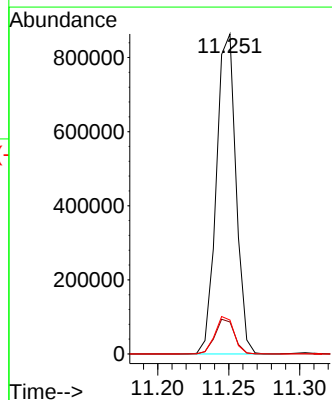
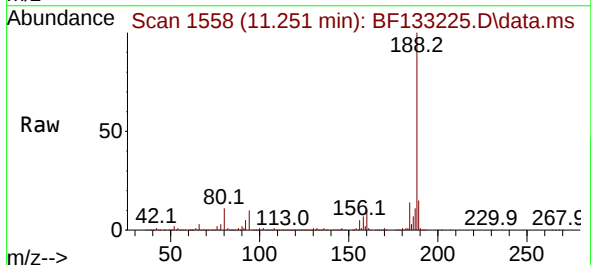
Ion	Ratio	Lower	Upper
77	100		
182	25.3	5.9	45.9
105	23.0	2.3	42.3
51	30.5	11.1	51.1

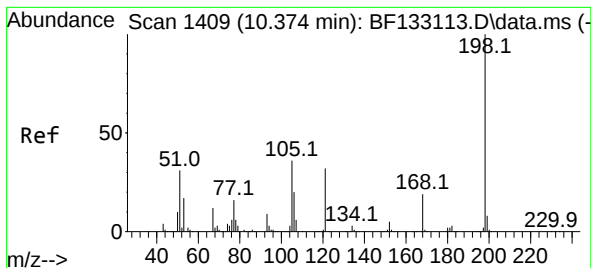


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 1558
Delta R.T. 0.006 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

Tgt Ion: 188 Resp: 829508

Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.7	14.5
80	10.6	10.4	15.6

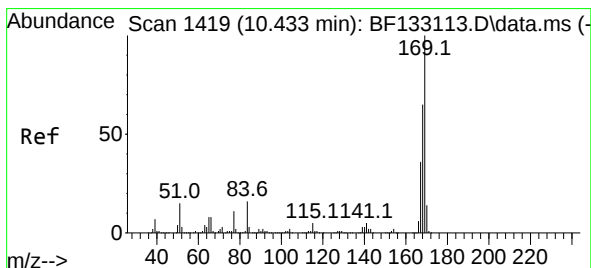
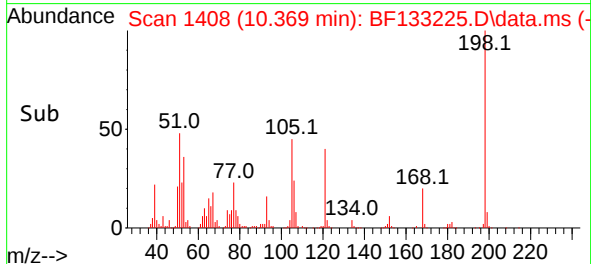
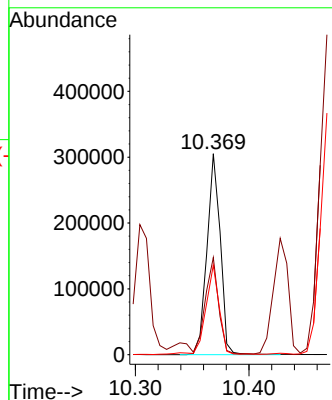
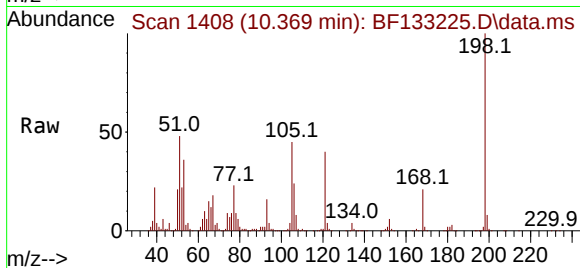




#65
4,6-Dinitro-2-methylphenol
Concen: 49.222 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

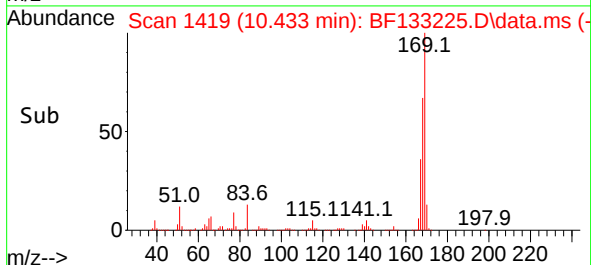
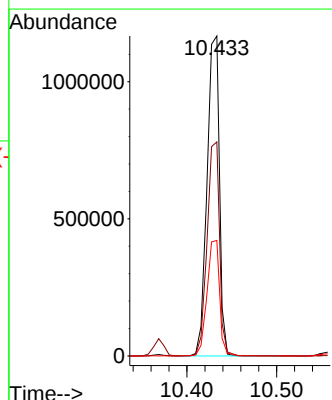
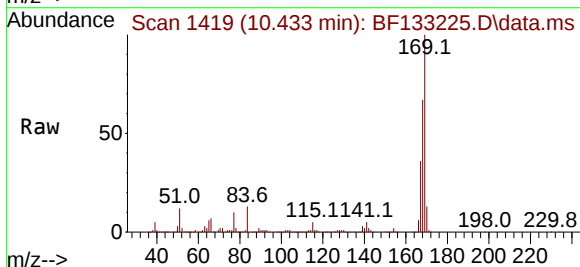
Instrument :
BNA_F
ClientSampleId :
PB152560BS

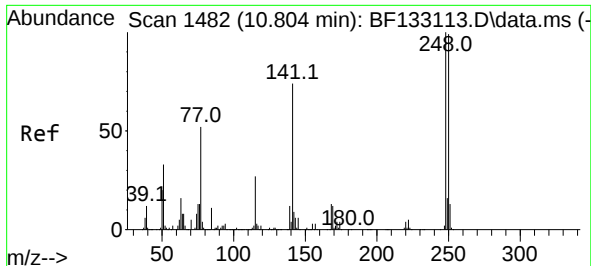
Tgt Ion:198 Resp: 247479
Ion Ratio Lower Upper
198 100
51 48.4 15.5 55.5
105 44.5 16.7 56.7



#66
n-Nitrosodiphenylamine
Concen: 41.490 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

Tgt Ion:169 Resp: 1116383
Ion Ratio Lower Upper
169 100
168 66.9 53.8 80.8
167 36.1 29.7 44.5

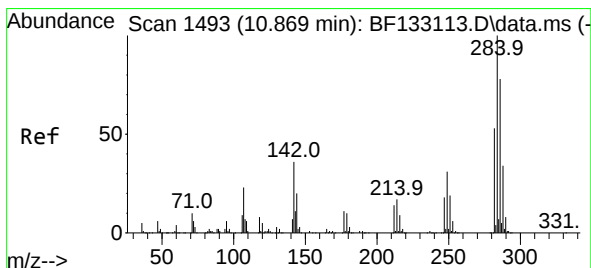
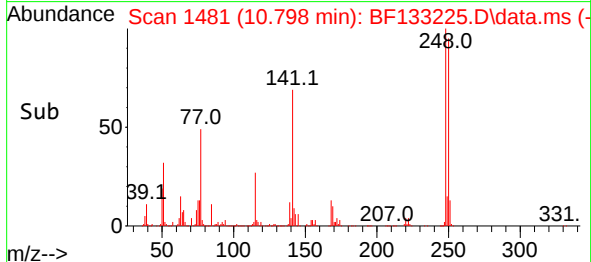
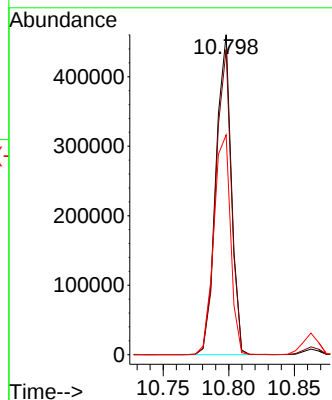
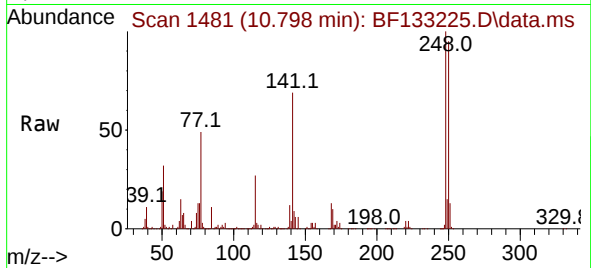




#67
4-Bromophenyl-phenylether
Concen: 41.984 ng
RT: 10.798 min Scan# 1481
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

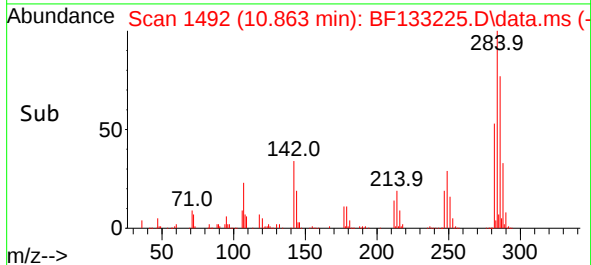
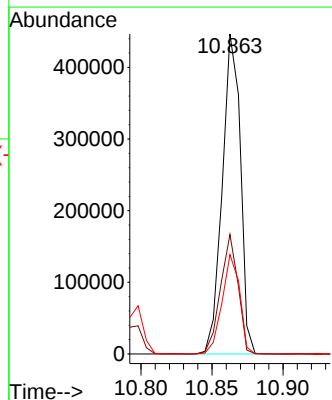
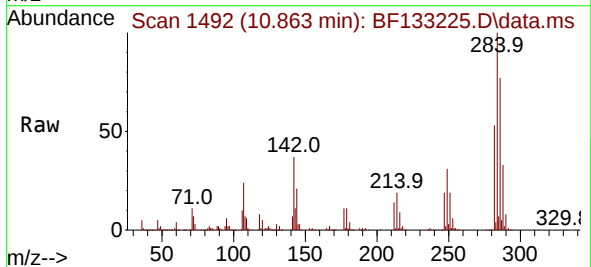
Instrument :
BNA_F
ClientSampleId :
PB152560BS

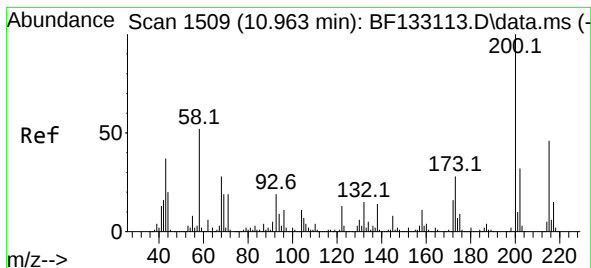
Tgt Ion:248 Resp: 377711
Ion Ratio Lower Upper
248 100
250 95.4 78.7 118.1
141 68.6 56.3 84.5



#68
Hexachlorobenzene
Concen: 42.824 ng
RT: 10.863 min Scan# 1492
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

Tgt Ion:284 Resp: 394781
Ion Ratio Lower Upper
284 100
142 37.3 26.0 39.0
249 31.1 23.7 35.5





#69

Atrazine

Concen: 51.615 ng

RT: 10.963 min Scan# 1509

Delta R.T. 0.006 min

Lab File: BF133225.D

Acq: 04 May 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB152560BS

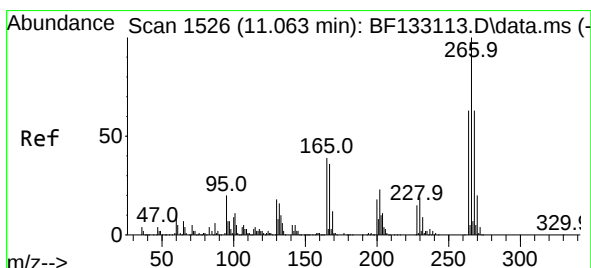
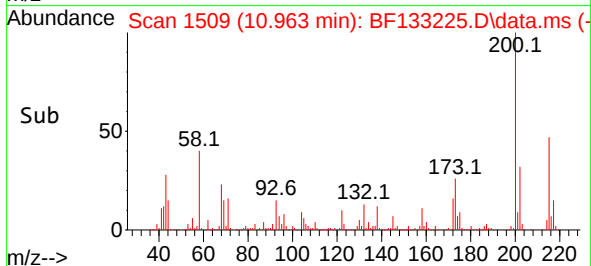
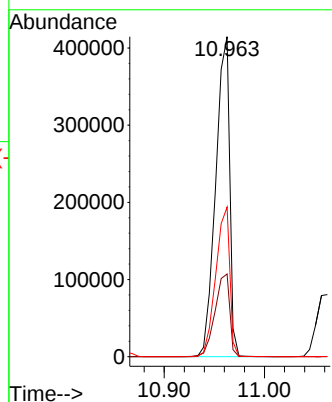
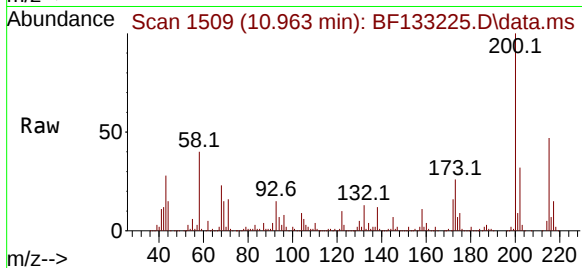
Tgt Ion:200 Resp: 400176

Ion Ratio Lower Upper

200 100

173 25.8 6.2 46.2

215 46.7 26.3 66.3



#70

Pentachlorophenol

Concen: 71.588 ng

RT: 11.063 min Scan# 1526

Delta R.T. 0.006 min

Lab File: BF133225.D

Acq: 04 May 2023 11:38

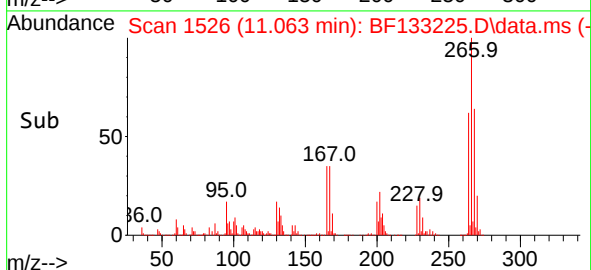
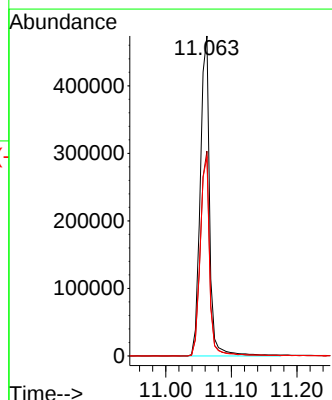
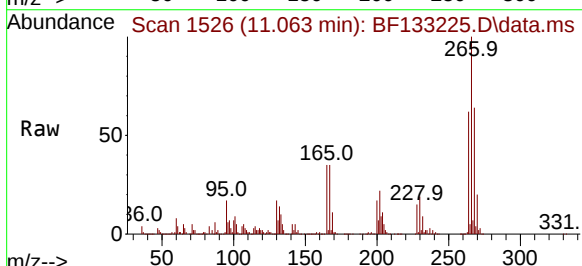
Tgt Ion:266 Resp: 470003

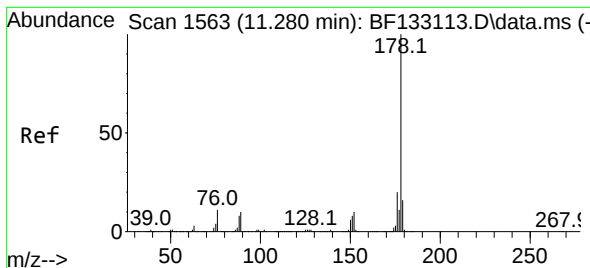
Ion Ratio Lower Upper

266 100

268 64.0 48.8 73.2

264 62.3 50.6 76.0





#71

Phenanthrene

Concen: 40.716 ng

RT: 11.274 min Scan# 1562

Delta R.T. -0.000 min

Lab File: BF133225.D

Acq: 04 May 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB152560BS

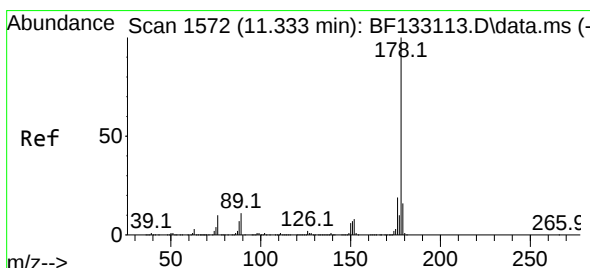
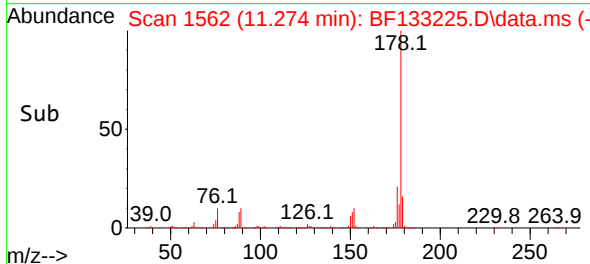
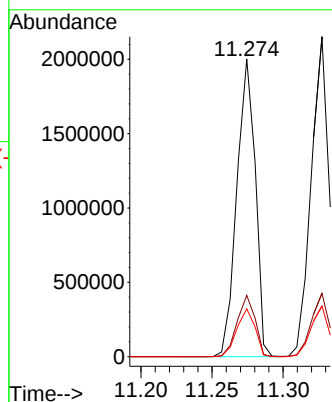
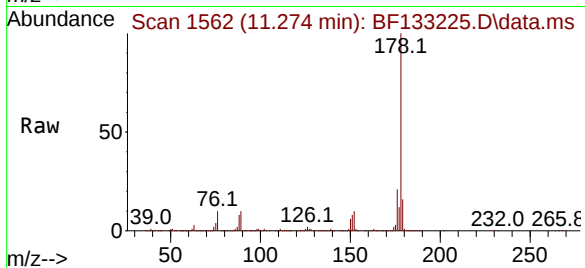
Tgt Ion:178 Resp: 1815251

Ion Ratio Lower Upper

178 100

176 20.6 15.9 23.9

179 16.1 12.5 18.7



#72

Anthracene

Concen: 40.851 ng

RT: 11.327 min Scan# 1571

Delta R.T. -0.000 min

Lab File: BF133225.D

Acq: 04 May 2023 11:38

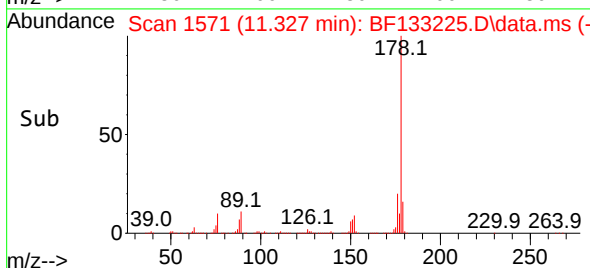
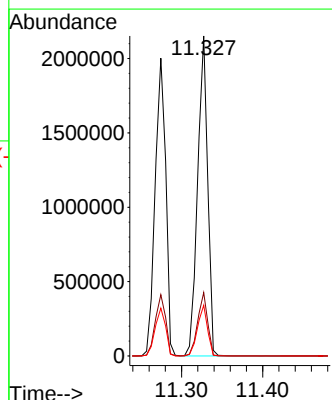
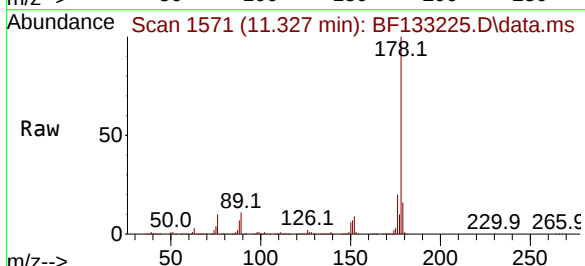
Tgt Ion:178 Resp: 1863904

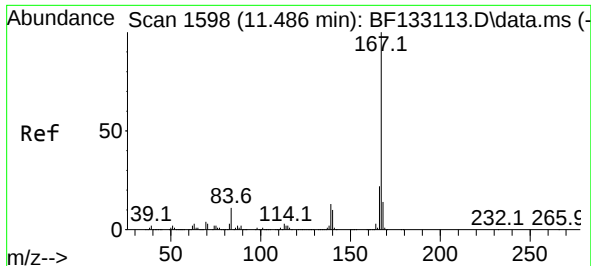
Ion Ratio Lower Upper

178 100

176 19.8 15.4 23.0

179 15.8 12.4 18.6

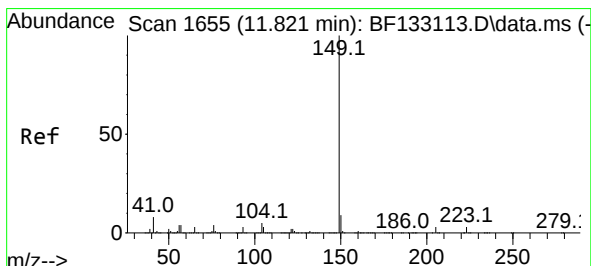
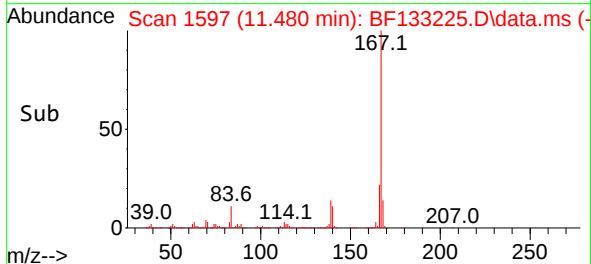
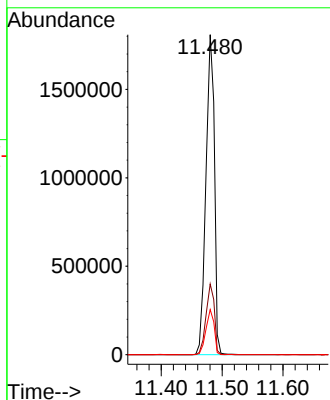
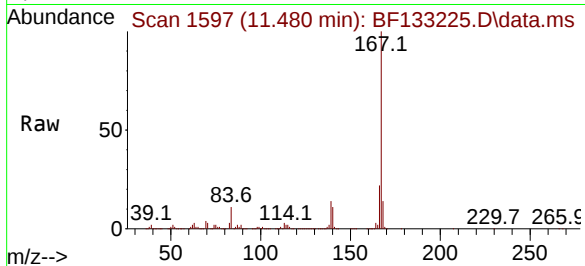




#73
 Carbazole
 Concen: 43.094 ng
 RT: 11.480 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF133225.D
 Acq: 04 May 2023 11:38

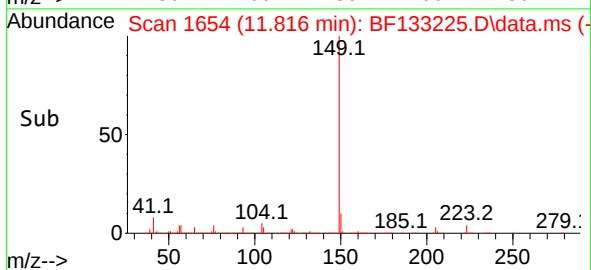
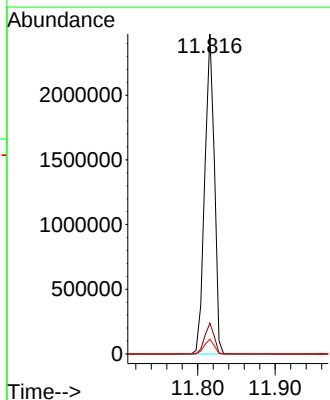
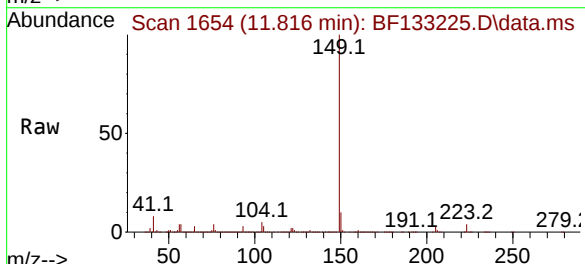
Instrument :
 BNA_F
 ClientSampleId :
 PB152560BS

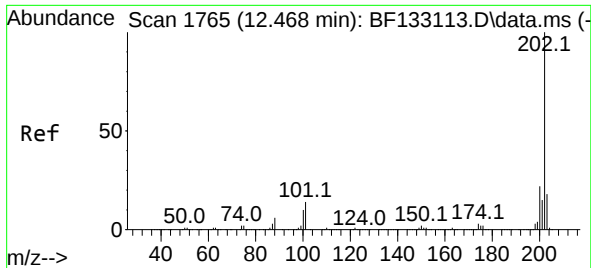
Tgt Ion:167 Resp: 1750791
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.4 26.0
 139 14.1 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 45.947 ng
 RT: 11.816 min Scan# 1654
 Delta R.T. -0.000 min
 Lab File: BF133225.D
 Acq: 04 May 2023 11:38

Tgt Ion:149 Resp: 2112464
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.6 11.4
 104 4.6 4.0 6.0

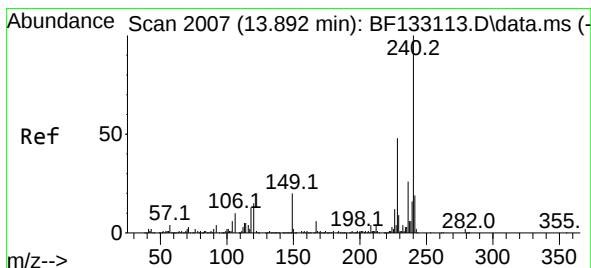
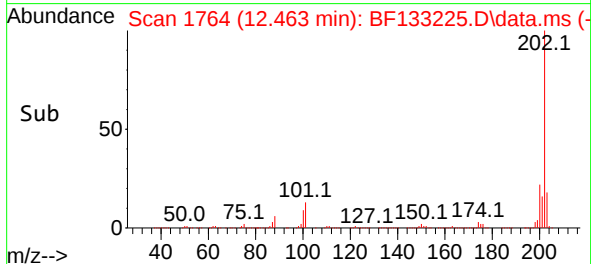
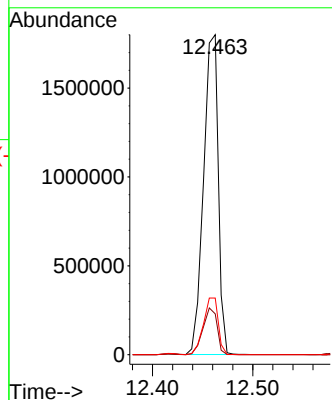
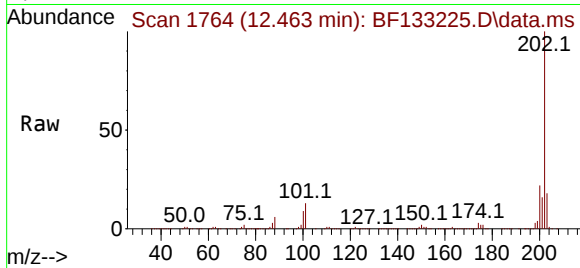




#75
Fluoranthene
Concen: 41.133 ng
RT: 12.463 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

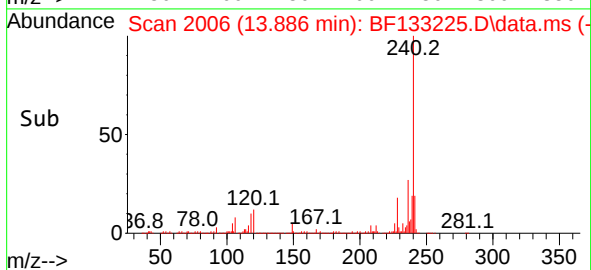
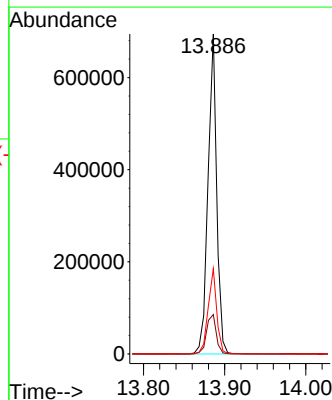
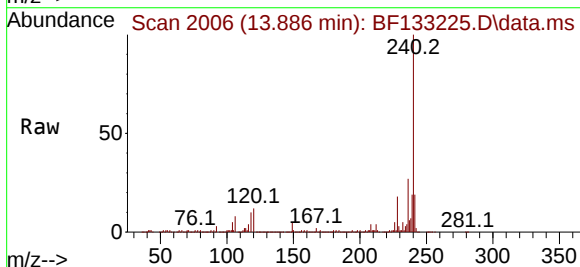
Instrument :
BNA_F
ClientSampleId :
PB152560BS

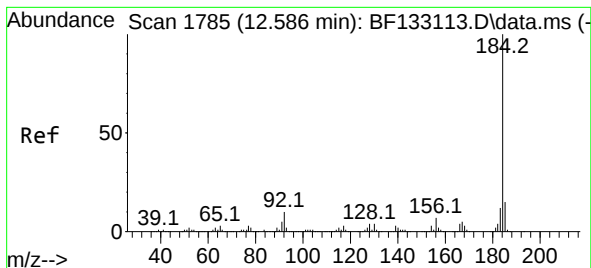
Tgt Ion:202 Resp: 1840498
Ion Ratio Lower Upper
202 100
101 12.7 0.0 35.3
203 17.7 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.886 min Scan# 2006
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

Tgt Ion:240 Resp: 514871
Ion Ratio Lower Upper
240 100
120 12.3 10.5 15.7
236 26.7 21.5 32.3





#77

Benzidine

Concen: 141.589 ng

RT: 12.586 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF133225.D

Acq: 04 May 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB152560BS

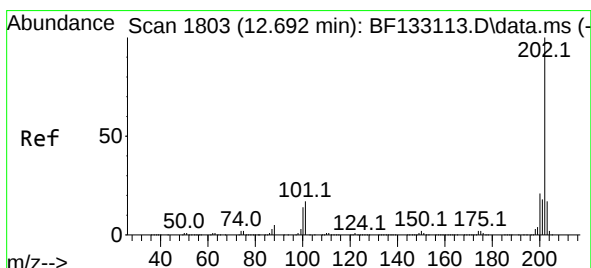
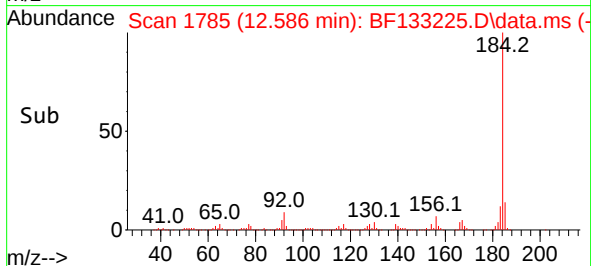
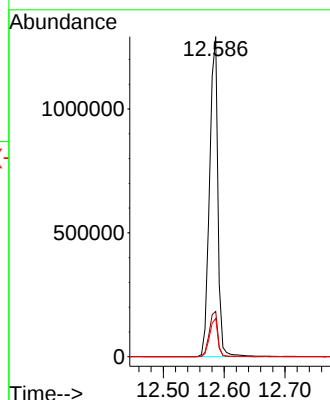
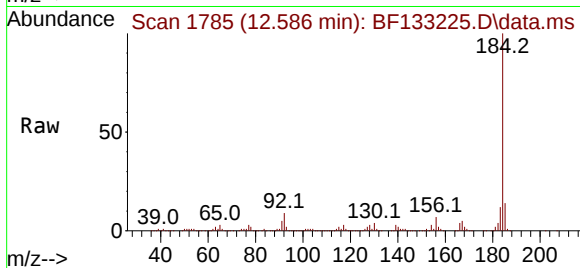
Tgt Ion:184 Resp: 1232778

Ion Ratio Lower Upper

184 100

185 14.2 15.4 23.2#

183 12.0 9.4 14.0



#78

Pyrene

Concen: 42.771 ng

RT: 12.686 min Scan# 1802

Delta R.T. -0.000 min

Lab File: BF133225.D

Acq: 04 May 2023 11:38

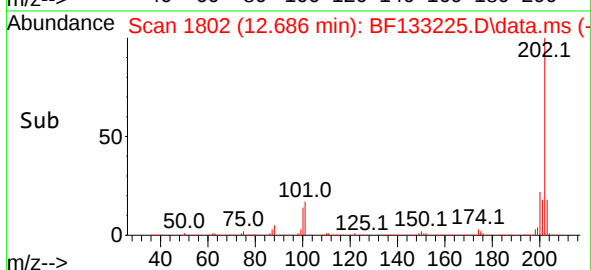
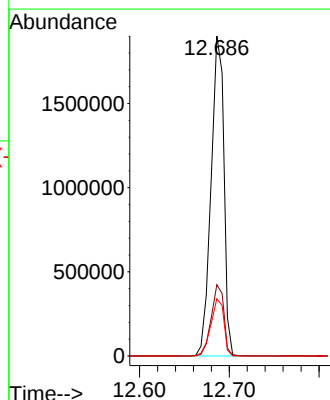
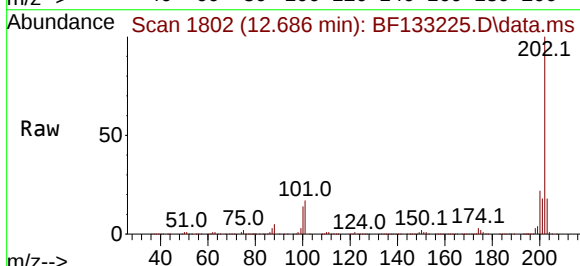
Tgt Ion:202 Resp: 1887773

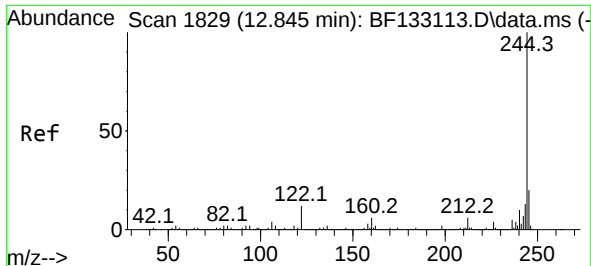
Ion Ratio Lower Upper

202 100

200 22.3 17.1 25.7

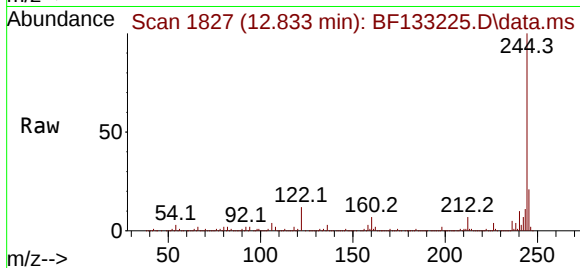
203 17.8 14.1 21.1



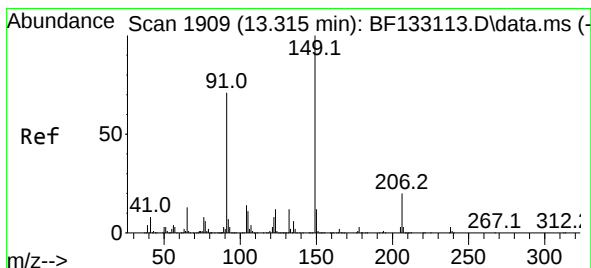
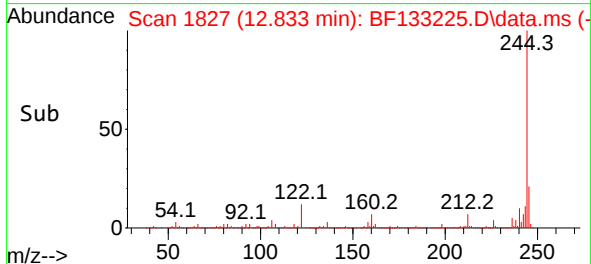
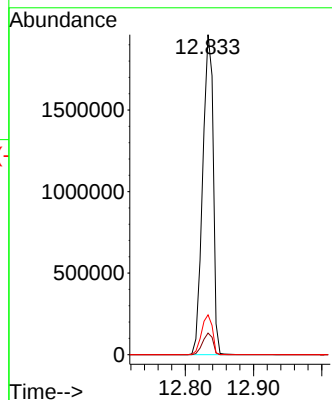


#79
 Terphenyl-d14
 Concen: 70.408 ng
 RT: 12.833 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF133225.D
 Acq: 04 May 2023 11:38

Instrument :
 BNA_F
 ClientSampleId :
 PB152560BS

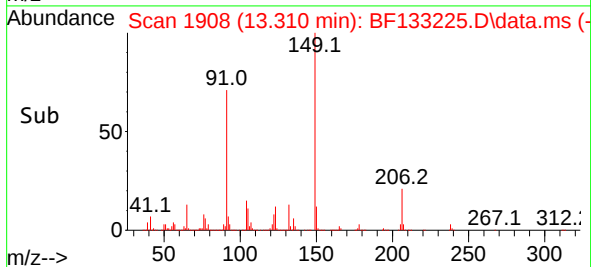
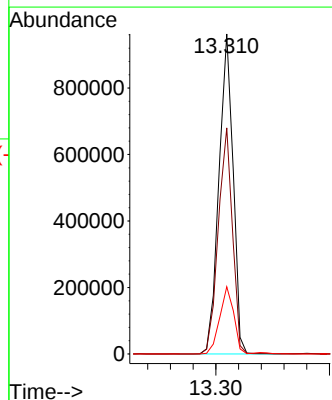
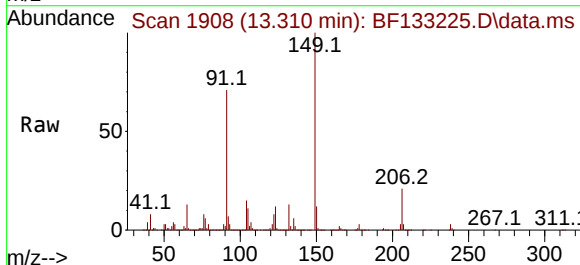


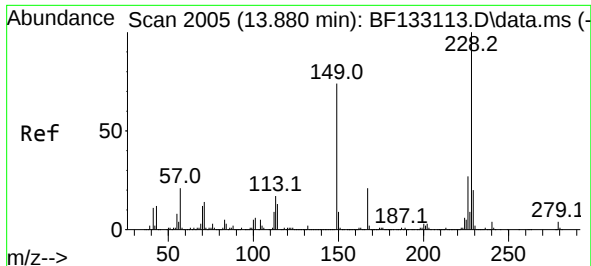
Tgt Ion:244 Resp: 2101910
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.1 7.7
 122 12.5 8.6 13.0



#80
 Butylbenzylphthalate
 Concen: 53.463 ng
 RT: 13.310 min Scan# 1908
 Delta R.T. -0.000 min
 Lab File: BF133225.D
 Acq: 04 May 2023 11:38

Tgt Ion:149 Resp: 835491
 Ion Ratio Lower Upper
 149 100
 91 70.7 53.8 80.6
 206 21.0 17.5 26.3

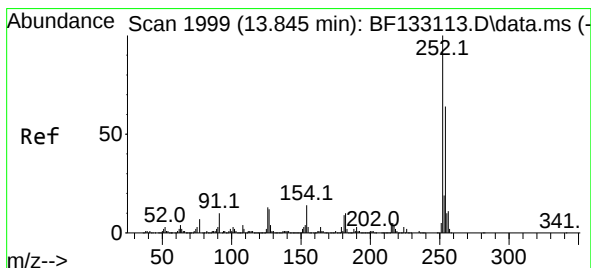
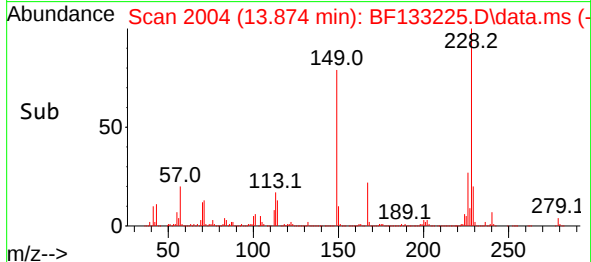
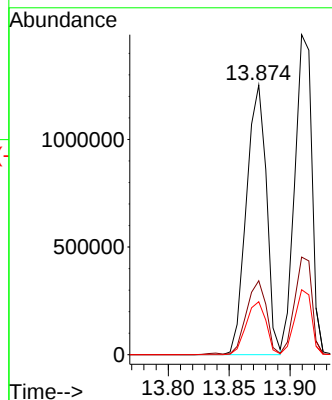
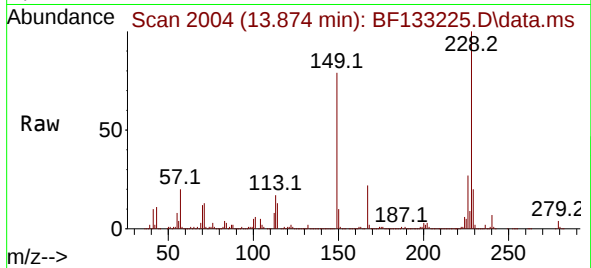




#81
Benzo(a)anthracene
Concen: 40.517 ng
RT: 13.874 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

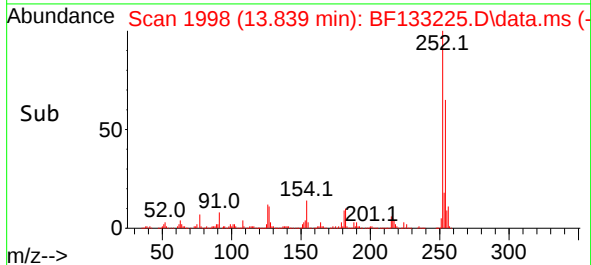
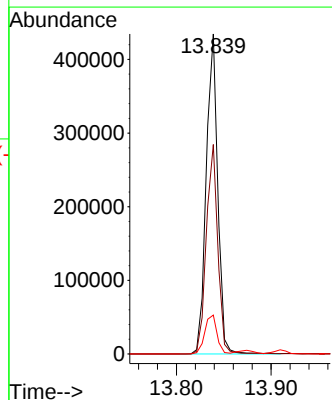
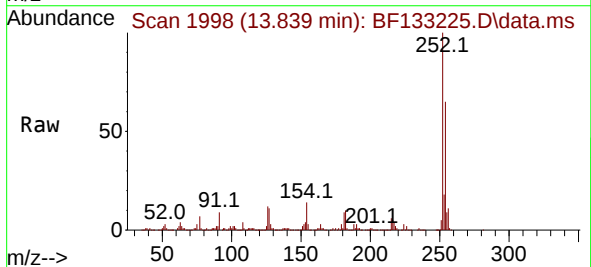
Instrument :
BNA_F
ClientSampleId :
PB152560BS

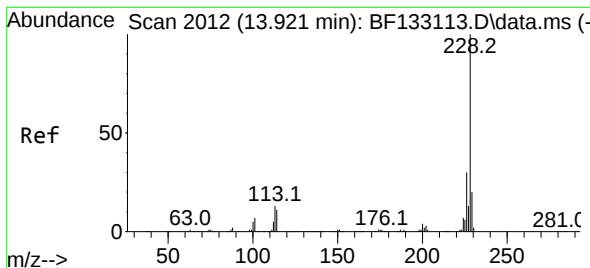
Tgt Ion:228 Resp: 1434551
Ion Ratio Lower Upper
228 100
226 27.4 22.2 33.4
229 19.6 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 37.413 ng
RT: 13.839 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

Tgt Ion:252 Resp: 365940
Ion Ratio Lower Upper
252 100
254 65.5 51.5 77.3
126 12.1 9.5 14.3





#83

Chrysene

Concen: 41.083 ng

RT: 13.910 min Scan# 2012

Delta R.T. -0.000 min

Lab File: BF133225.D

Acq: 04 May 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB152560BS

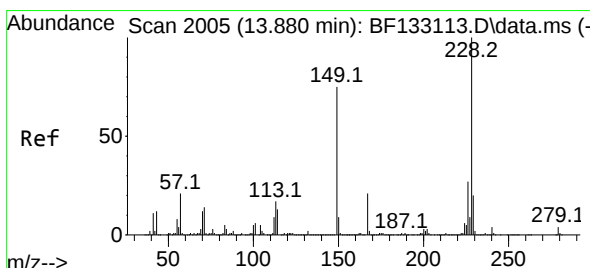
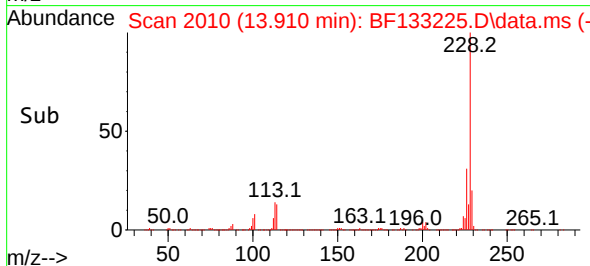
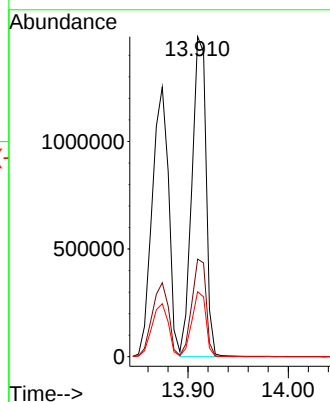
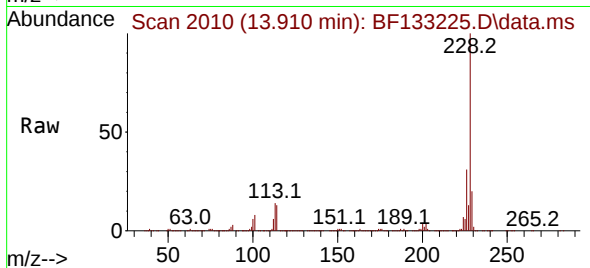
Tgt Ion:228 Resp: 1454242

Ion Ratio Lower Upper

228 100

226 30.5 24.7 37.1

229 20.3 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.401 ng

RT: 13.874 min Scan# 2004

Delta R.T. 0.006 min

Lab File: BF133225.D

Acq: 04 May 2023 11:38

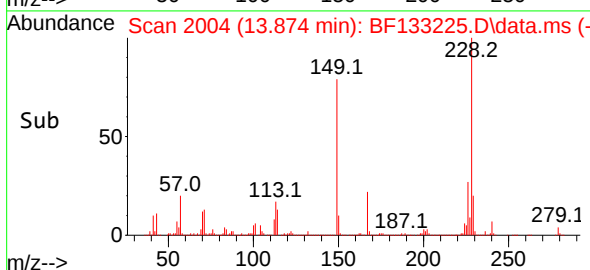
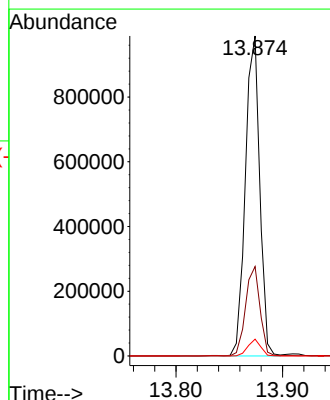
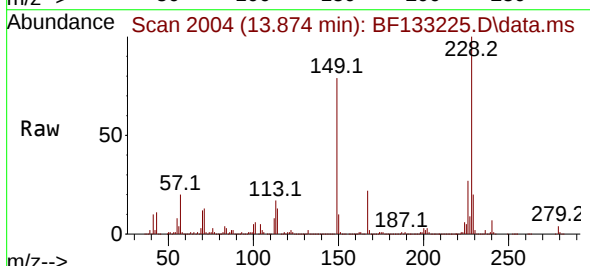
Tgt Ion:149 Resp: 929785

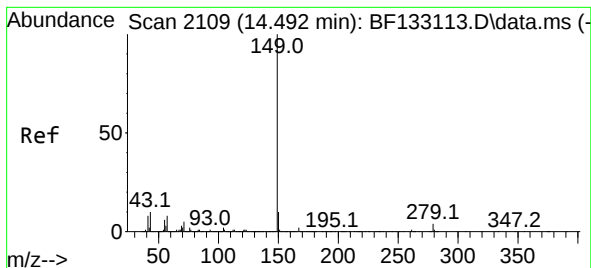
Ion Ratio Lower Upper

149 100

167 27.9 22.5 33.7

279 5.2 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 51.946 ng

RT: 14.480 min Scan# 2109

Delta R.T. -0.000 min

Lab File: BF133225.D

Acq: 04 May 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB152560BS

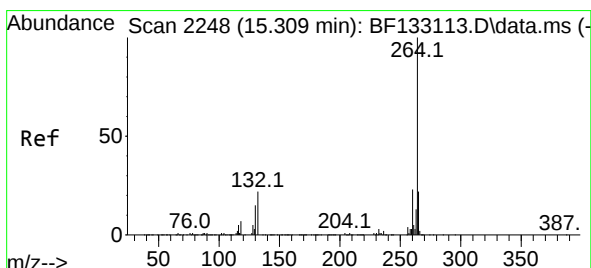
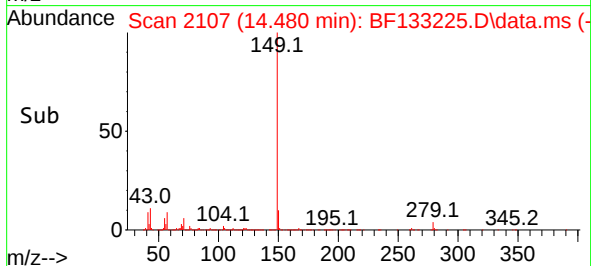
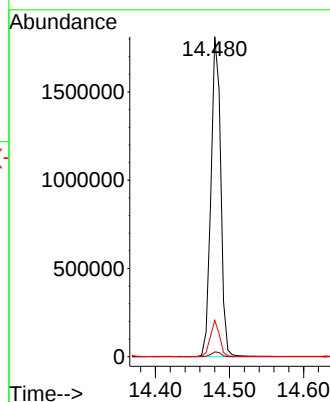
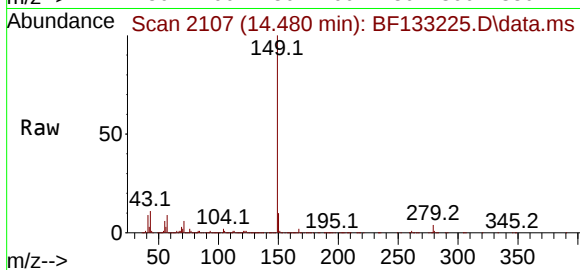
Tgt Ion:149 Resp: 1661439

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.8 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.298 min Scan# 2246

Delta R.T. -0.000 min

Lab File: BF133225.D

Acq: 04 May 2023 11:38

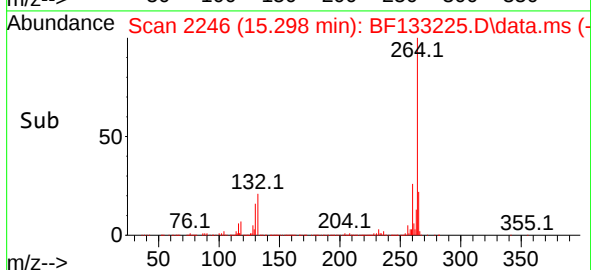
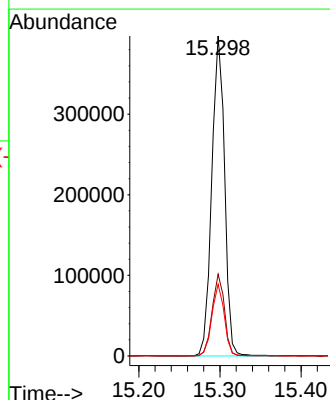
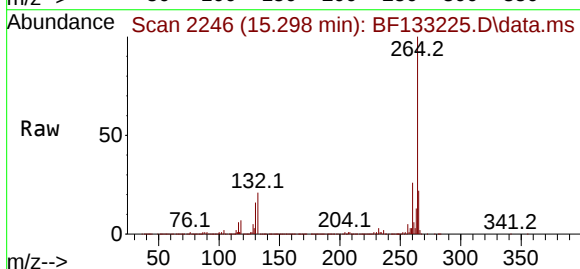
Tgt Ion:264 Resp: 434057

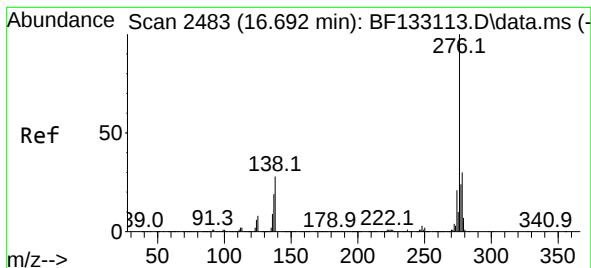
Ion Ratio Lower Upper

264 100

260 25.5 18.8 28.2

265 22.4 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.096 ng

RT: 16.680 min Scan# 2483

Delta R.T. 0.006 min

Lab File: BF133225.D

Acq: 04 May 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB152560BS

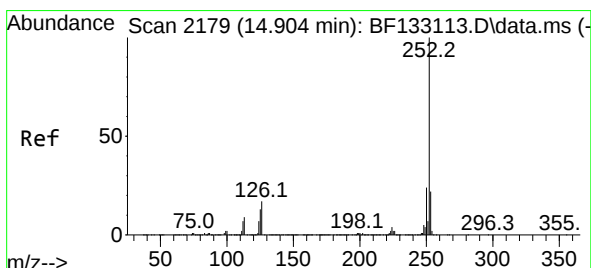
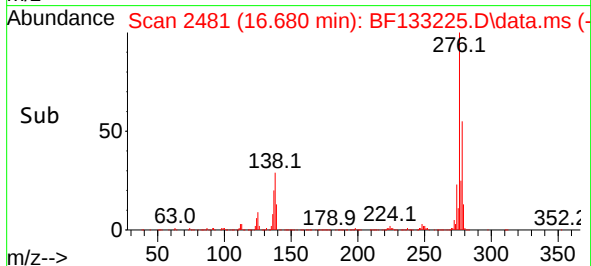
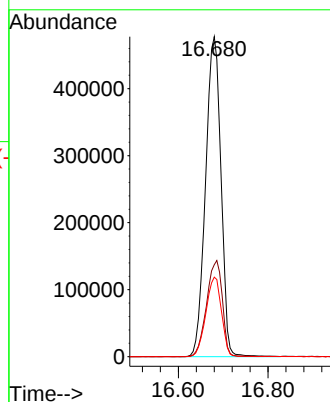
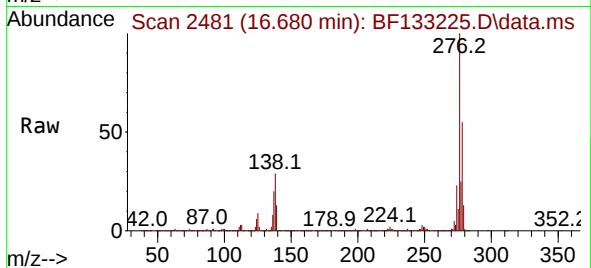
Tgt Ion:276 Resp: 1138110

Ion Ratio Lower Upper

276 100

138 30.8 25.5 38.3

277 25.1 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 45.838 ng

RT: 14.898 min Scan# 2178

Delta R.T. -0.000 min

Lab File: BF133225.D

Acq: 04 May 2023 11:38

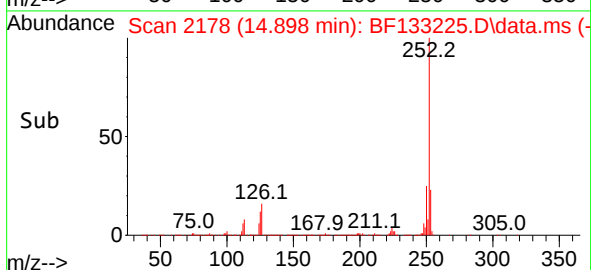
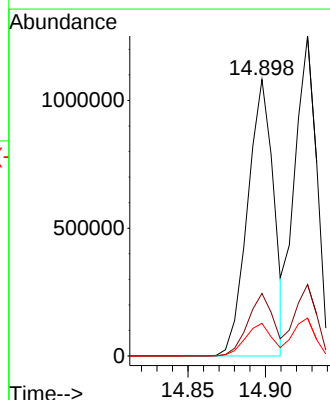
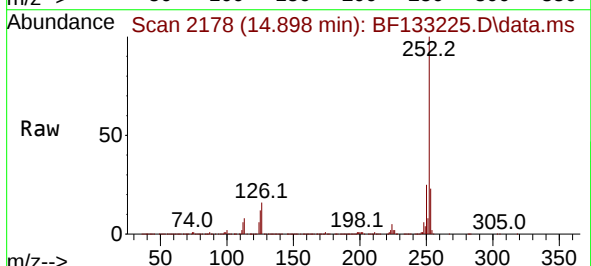
Tgt Ion:252 Resp: 1265770

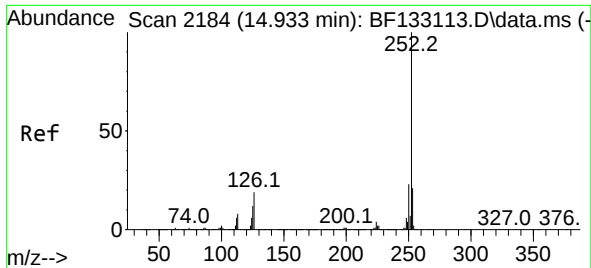
Ion Ratio Lower Upper

252 100

253 22.6 17.6 26.4

125 11.8 8.9 13.3

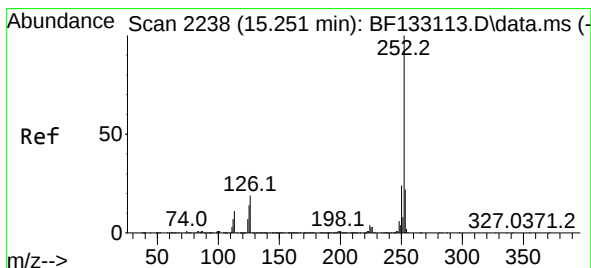
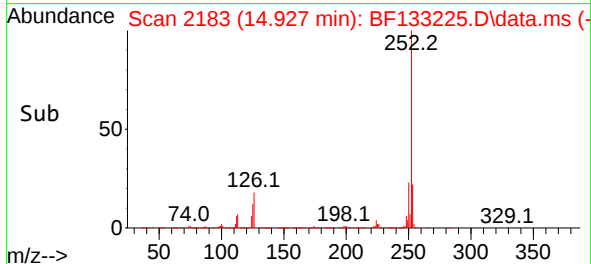
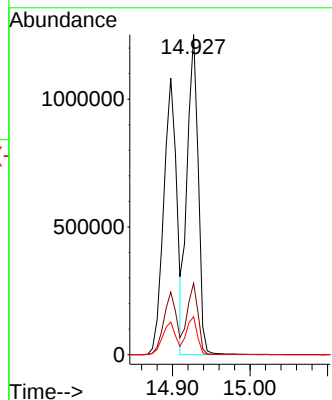
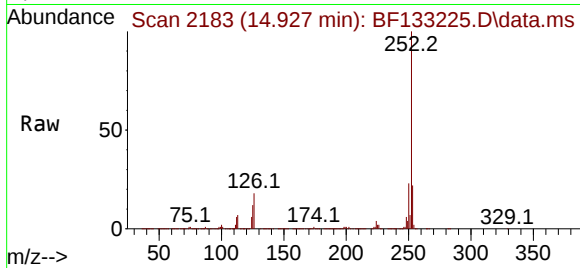




#89
Benzo(k)fluoranthene
Concen: 45.406 ng
RT: 14.927 min Scan# 2184
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

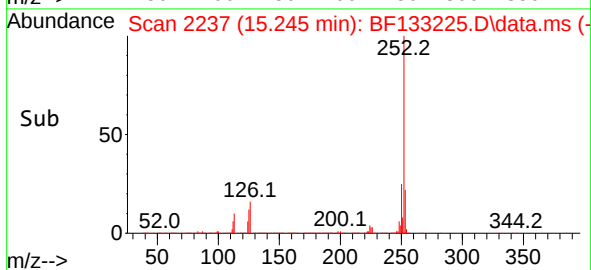
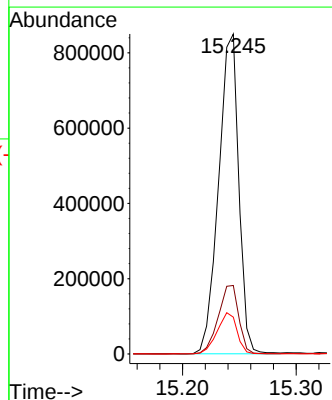
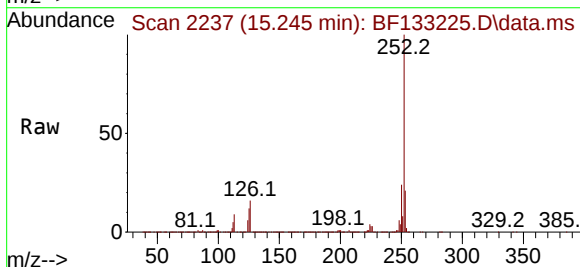
Instrument :
BNA_F
ClientSampleId :
PB152560BS

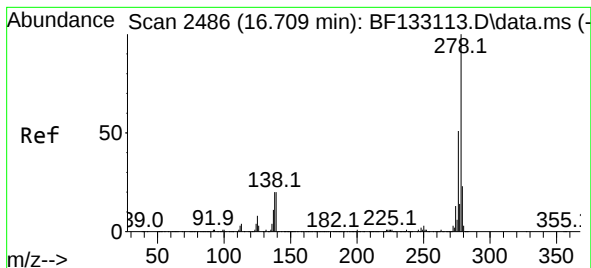
Tgt Ion:252 Resp: 1242928
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 11.9 9.0 13.4



#90
Benzo(a)pyrene
Concen: 41.777 ng
RT: 15.245 min Scan# 2237
Delta R.T. 0.006 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

Tgt Ion:252 Resp: 1050051
Ion Ratio Lower Upper
252 100
253 21.4 17.7 26.5
125 11.5 10.5 15.7





#91

Dibenzo(a,h)anthracene

Concen: 45.625 ng

RT: 16.692 min Scan# 2486

Delta R.T. -0.000 min

Lab File: BF133225.D

Acq: 04 May 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB152560BS

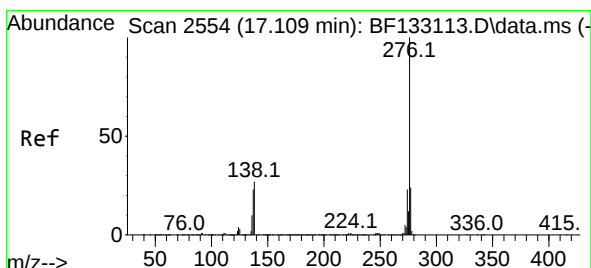
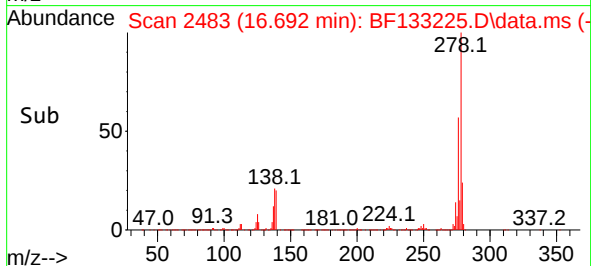
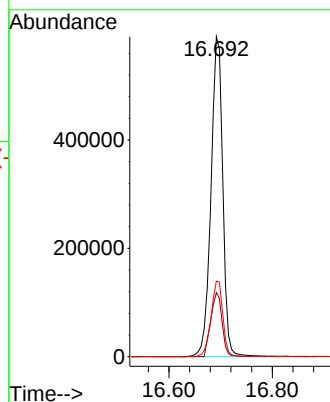
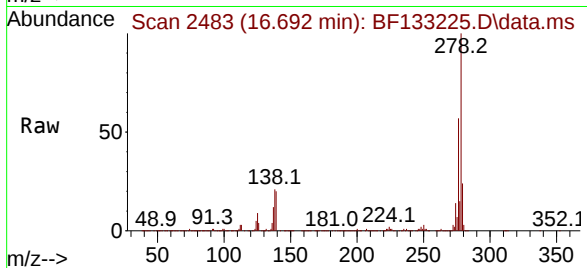
Tgt Ion:278 Resp: 939535

Ion Ratio Lower Upper

278 100

139 20.0 16.6 24.8

279 23.6 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 46.511 ng

RT: 17.098 min Scan# 2552

Delta R.T. 0.006 min

Lab File: BF133225.D

Acq: 04 May 2023 11:38

Tgt Ion:276 Resp: 945581

Ion Ratio Lower Upper

276 100

277 23.7 19.4 29.0

138 25.6 22.7 34.1

