

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
 Data File : BF133331.D
 Acq On : 10 May 2023 15:26
 Operator : CG\JU
 Sample : 02719-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04_0-2_20230509MS

Quant Time: May 10 16:30:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 04:59:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	200436	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	808059	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	398071	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	665484	20.000	ng	# 0.00
76) Chrysene-d12	13.880	240	334651	20.000	ng	0.00
86) Perylene-d12	15.298	264	462458	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1585222	119.472	ng	0.02
7) Phenol-d6	6.375	99	1888685	114.681	ng	0.00
23) Nitrobenzene-d5	7.293	82	1180765	78.873	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	384500	96.044	ng	0.00
45) 2-Fluorobiphenyl	9.087	172	1908956	80.229	ng	0.00
79) Terphenyl-d14	12.827	244	1660734	85.588	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.434	88	254313	41.322	ng	97
3) Pyridine	3.134	79	653846	40.000	ng	95
4) n-Nitrosodimethylamine	3.093	42	359904	42.508	ng	99
6) Aniline	6.387	93	588503	27.744	ng	# 17
8) 2-Chlorophenol	6.510	128	657094	48.775	ng	98
9) Benzaldehyde	6.269	77	452177	Below Cal		98
10) Phenol	6.387	94	763560	42.027	ng	74
11) bis(2-Chloroethyl)ether	6.463	93	625144	45.853	ng	97
12) 1,3-Dichlorobenzene	6.663	146	688376	48.061	ng	99
13) 1,4-Dichlorobenzene	6.740	146	700240	48.781	ng	100
14) 1,2-Dichlorobenzene	6.893	146	654403	49.448	ng	98
15) Benzyl Alcohol	6.875	79	534075	46.947	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.004	45	971902	41.043	ng	84
17) 2-Methylphenol	6.993	107	521466	42.272	ng	97
18) Hexachloroethane	7.234	117	237057	47.499	ng	95
19) n-Nitroso-di-n-propyla...	7.145	70	410606	40.048	ng	98
20) 3+4-Methylphenols	7.145	107	634957	43.707	ng	# 78
22) Acetophenone	7.140	105	864585	46.189	ng	96
24) Nitrobenzene	7.310	77	650548	42.884	ng	98
25) Isophorone	7.551	82	1202963	42.322	ng	99
26) 2-Nitrophenol	7.628	139	364196	49.774	ng	94
27) 2,4-Dimethylphenol	7.675	122	587232	46.804	ng	97
28) bis(2-Chloroethoxy)met...	7.763	93	728289	43.311	ng	98
29) 2,4-Dichlorophenol	7.875	162	521672	45.674	ng	97
30) 1,2,4-Trichlorobenzene	7.951	180	541868	45.794	ng	99
31) Naphthalene	8.034	128	1766711	43.730	ng	100
32) Benzoic acid	7.675	122	587232	75.773	ng	# 12
33) 4-Chloroaniline	8.081	127	372267	22.806	ng	98
34) Hexachlorobutadiene	8.151	225	297860	45.418	ng	98
35) Caprolactam	8.445	113	118232	30.814	ng	89
36) 4-Chloro-3-methylphenol	8.575	107	540031	43.845	ng	98
37) 2-Methylnaphthalene	8.722	142	1164538	42.162	ng	99
38) 1-Methylnaphthalene	8.822	142	1089063	42.148	ng	99
40) 1,2,4,5-Tetrachloroben...	8.892	216	480741	44.916	ng	98
41) Hexachlorocyclopentadiene	8.875	237	550090	88.127	ng	100
43) 2,4,6-Trichlorophenol	9.004	196	320270	43.269	ng	99

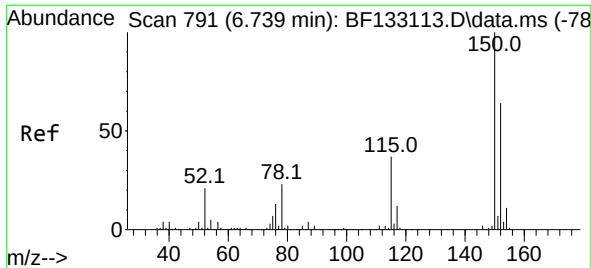
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 04:59:36 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	329559	38.498	ng	96
46) 1,1'-Biphenyl	9.187	154	1402855	44.443	ng	99
47) 2-Chloronaphthalene	9.210	162	1068838	46.263	ng	99
48) 2-Nitroaniline	9.310	65	340731	44.624	ng	99
49) Acenaphthylene	9.622	152	1650176	44.701	ng	99
50) Dimethylphthalate	9.492	163	1217358	43.858	ng	99
51) 2,6-Dinitrotoluene	9.551	165	281308	45.029	ng	94
52) Acenaphthene	9.798	154	1006391	40.704	ng	99
53) 3-Nitroaniline	9.716	138	227711	30.655	ng	97
54) 2,4-Dinitrophenol	9.828	184	50561	16.101	ng	98
55) Dibenzofuran	9.969	168	1473663	43.694	ng	100
56) 4-Nitrophenol	9.892	139	365813	63.583	ng	90
57) 2,4-Dinitrotoluene	9.957	165	360020	45.188	ng	87
58) Fluorene	10.310	166	1078942	43.665	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.086	232	225748	34.016	ng	99
60) Diethylphthalate	10.186	149	1128934	43.060	ng	100
61) 4-Chlorophenyl-phenyle...	10.304	204	515869	42.841	ng	100
62) 4-Nitroaniline	10.334	138	313404	45.905	ng	98
63) Azobenzene	10.463	77	1205572	43.407	ng	98
65) 4,6-Dinitro-2-methylph...	10.363	198	83058	20.591	ng	80
66) n-Nitrosodiphenylamine	10.422	169	981896	45.486	ng	98
67) 4-Bromophenyl-phenylether	10.792	248	317479	43.987	ng	99
68) Hexachlorobenzene	10.857	284	339358	45.886	ng	92
69) Atrazine	10.951	200	312961	50.315	ng	97
70) Pentachlorophenol	11.051	266	181825	34.520	ng	98
71) Phenanthrene	11.269	178	1580829	44.197	ng	99
72) Anthracene	11.322	178	1582639	43.236	ng	99
73) Carbazole	11.475	167	1413689	43.373	ng	100
74) Di-n-butylphthalate	11.810	149	1635332	44.336	ng	99
75) Fluoranthene	12.457	202	1401000	39.028	ng	97
77) Benzidine	12.580	184	631673	111.620	ng	# 93
78) Pyrene	12.680	202	1400174	48.808	ng	99
80) Butylbenzylphthalate	13.304	149	547065	53.859	ng	96
81) Benzo(a)anthracene	13.869	228	1025779	44.574	ng	100
82) 3,3'-Dichlorobenzidine	13.833	252	167710	26.381	ng	99
83) Chrysene	13.904	228	1017211	44.213	ng	99
84) Bis(2-ethylhexyl)phtha...	13.869	149	640588	50.244	ng	99
85) Di-n-octyl phthalate	14.480	149	1265034	60.852	ng	97
87) Indeno(1,2,3-cd)pyrene	16.692	276	1559828	59.297	ng	98
88) Benzo(b)fluoranthene	14.898	252	1235482	41.993	ng	98
89) Benzo(k)fluoranthene	14.927	252	1191162	40.843	ng	99
90) Benzo(a)pyrene	15.245	252	1149159	42.912	ng	100
91) Dibenzo(a,h)anthracene	16.710	278	1286612	58.642	ng	97
92) Benzo(g,h,i)perylene	17.110	276	1299045	59.973	ng	97

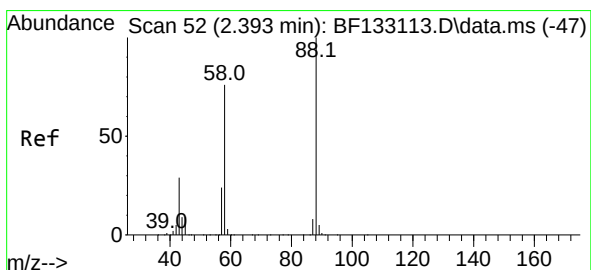
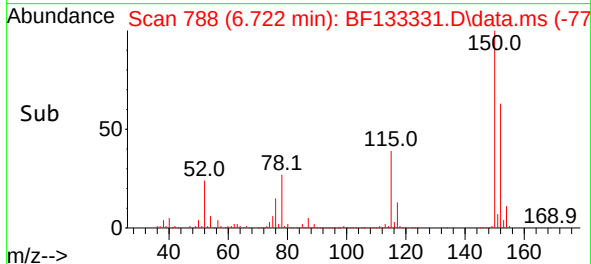
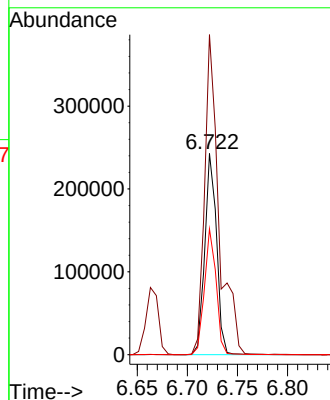
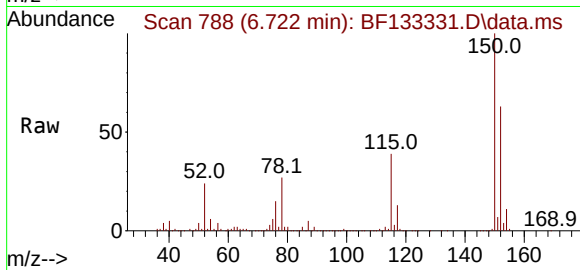
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133331.D
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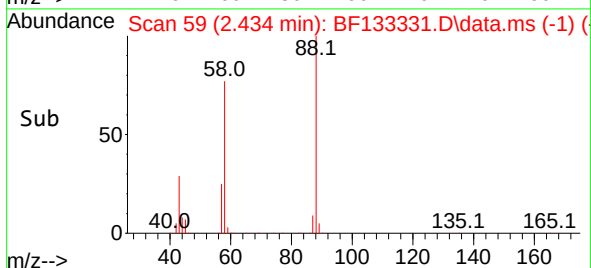
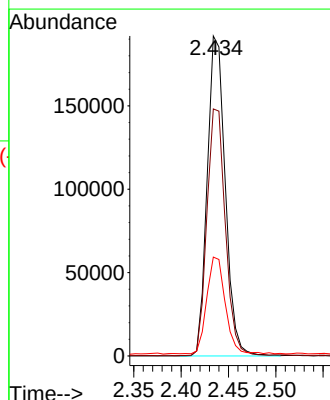
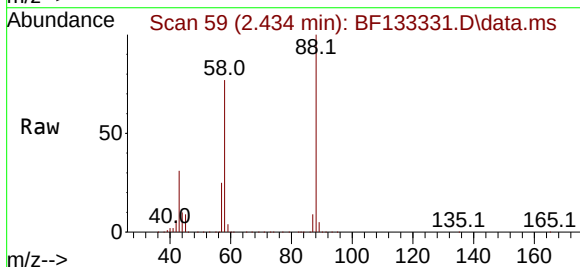
Instrument :
BNA_F
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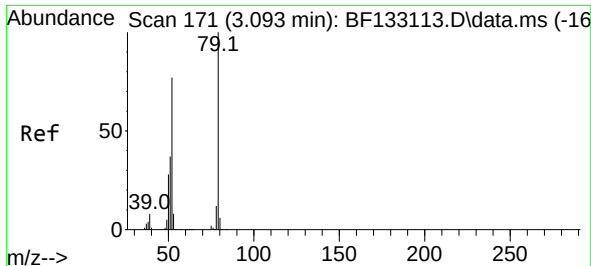
Tgt Ion:152 Resp: 200436
Ion Ratio Lower Upper
152 100
150 159.1 124.8 187.2
115 62.5 49.9 74.9



#2
1,4-Dioxane
Concen: 41.322 ng
RT: 2.434 min Scan# 59
Delta R.T. 0.065 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

Tgt Ion: 88 Resp: 254313
Ion Ratio Lower Upper
88 100
58 78.5 64.7 97.1
43 31.2 26.2 39.2

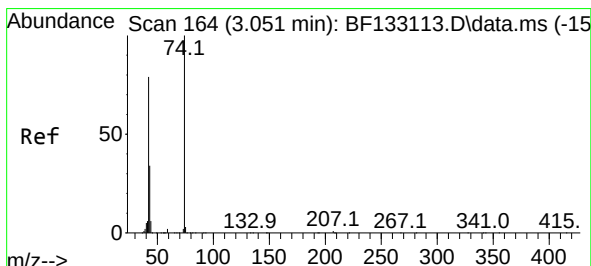
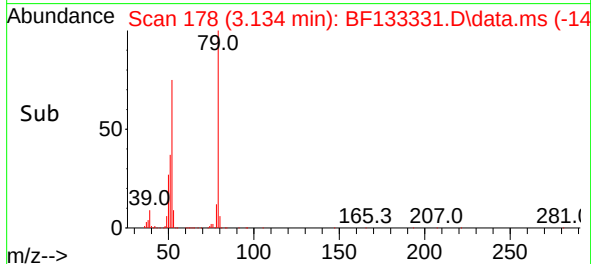
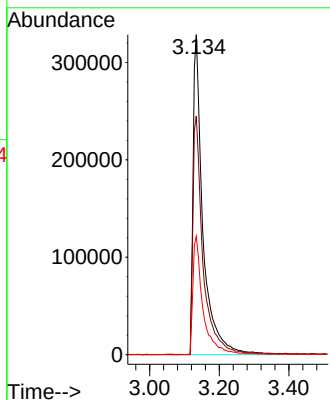
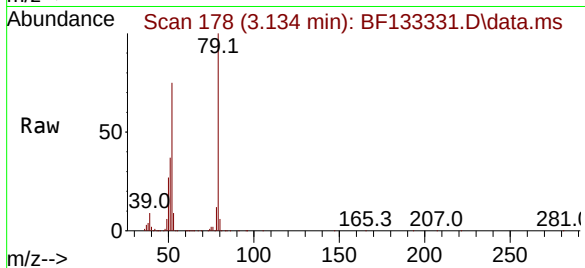




#3
Pyridine
Concen: 40.000 ng
RT: 3.134 min Scan# 11
Delta R.T. 0.071 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

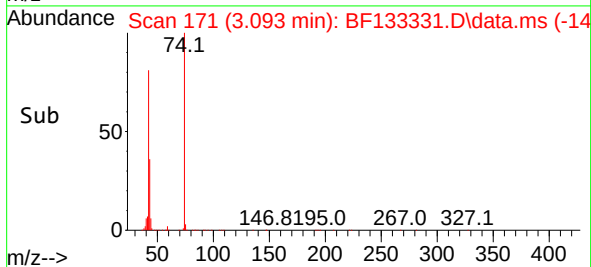
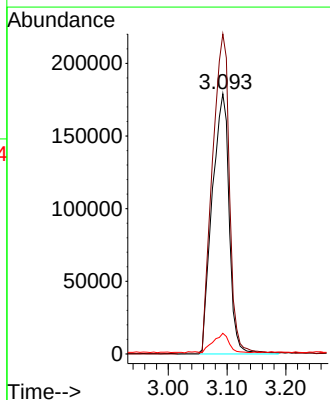
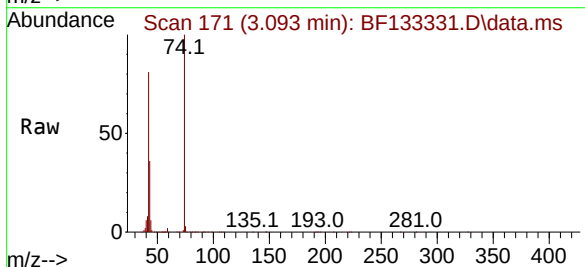
Instrument :
BNA_F
ClientSampleId :
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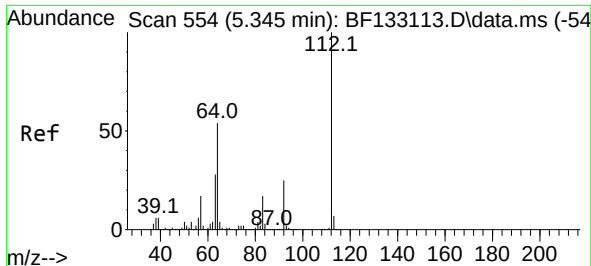
Tgt Ion: 79 Resp: 653846
Ion Ratio Lower Upper
79 100
52 74.6 64.6 96.8
51 37.0 30.0 45.0



#4
n-Nitrosodimethylamine
Concen: 42.508 ng
RT: 3.093 min Scan# 171
Delta R.T. 0.059 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

Tgt Ion: 42 Resp: 359904
Ion Ratio Lower Upper
42 100
74 123.0 98.0 147.0
44 8.0 5.8 8.8

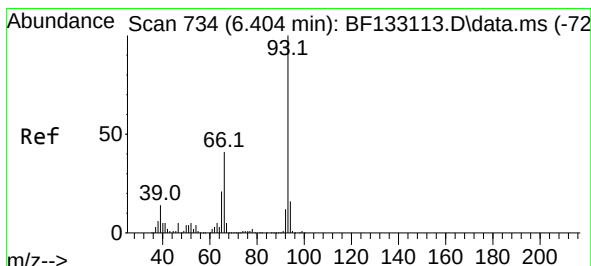
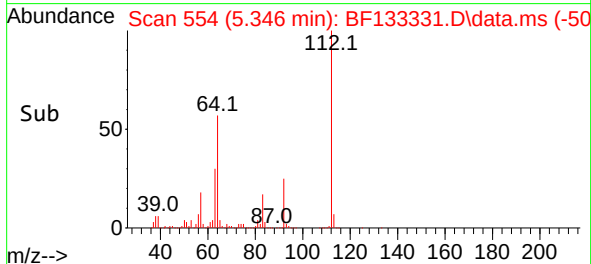
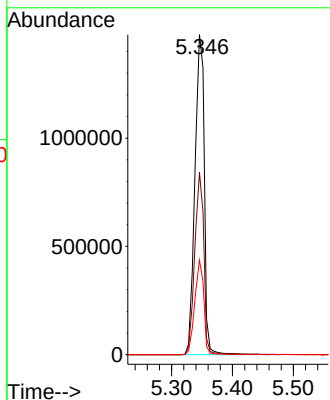
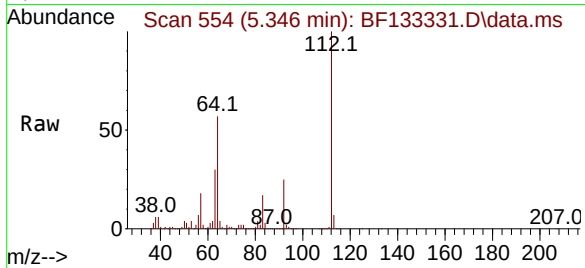




#5
2-Fluorophenol
Concen: 119.472 ng
RT: 5.346 min Scan# 511
Delta R.T. 0.018 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

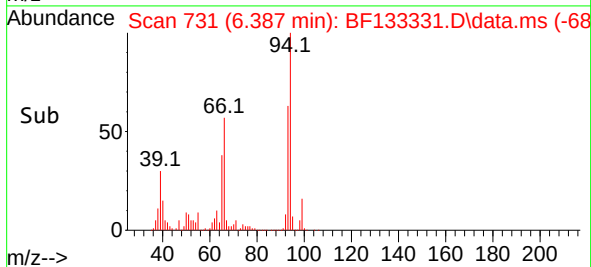
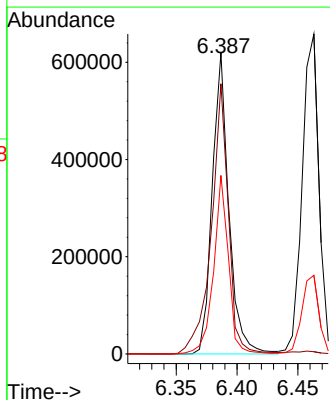
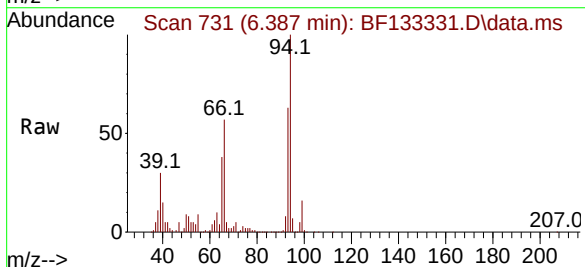
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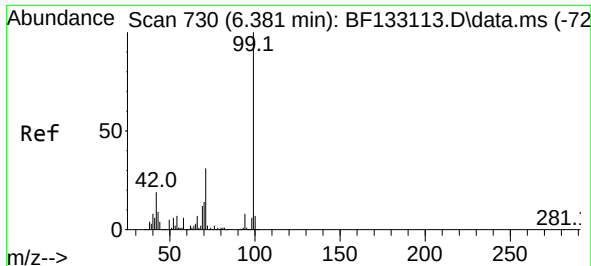
Tgt Ion:112 Resp: 1585222
Ion Ratio Lower Upper
112 100
64 57.0 46.8 70.2
63 29.6 23.8 35.8



#6
Aniline
Concen: 27.744 ng
RT: 6.387 min Scan# 731
Delta R.T. -0.006 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

Tgt Ion: 93 Resp: 588503
Ion Ratio Lower Upper
93 100
66 89.8 31.5 47.3#
65 59.3 16.4 24.6#



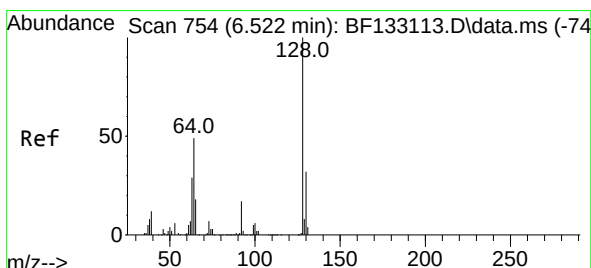
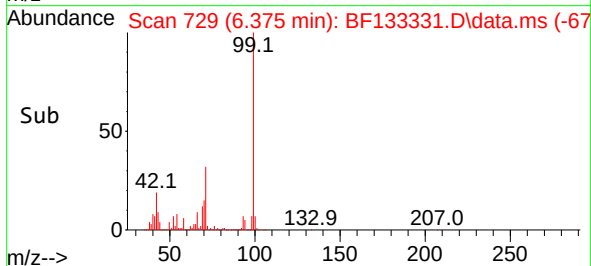
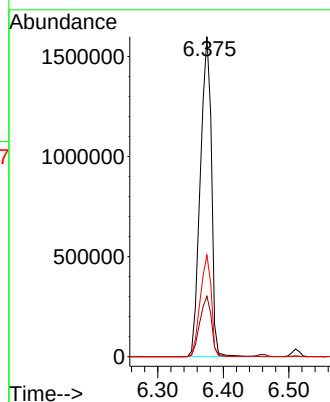
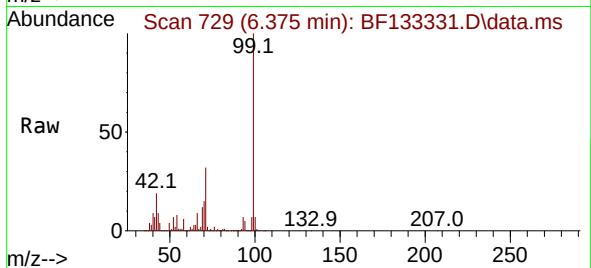


#7
Phenol-d6
Concen: 114.681 ng
RT: 6.375 min Scan# 711
Delta R.T. 0.006 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 1888685

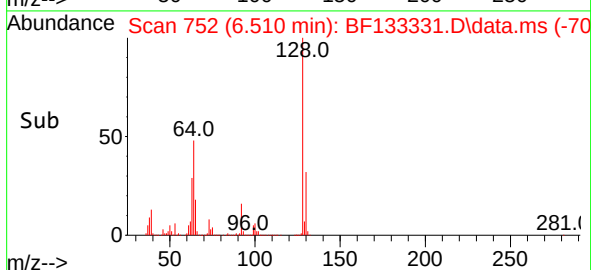
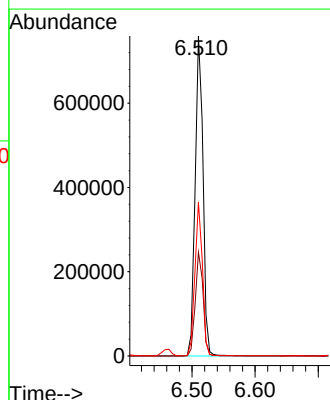
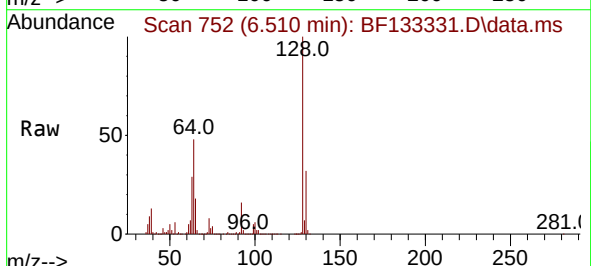
Ion	Ratio	Lower	Upper
99	100		
42	18.9	16.3	24.5
71	31.7	25.6	38.4

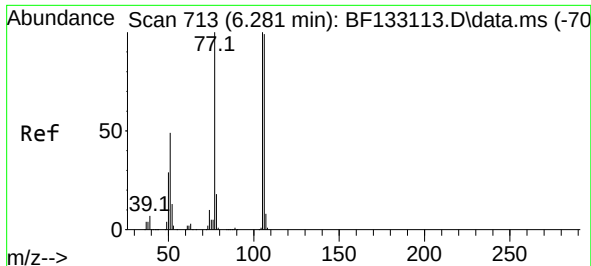


#8
2-Chlorophenol
Concen: 48.775 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

Tgt Ion: 128 Resp: 657094

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.2	52.2
64	48.1	30.3	70.3

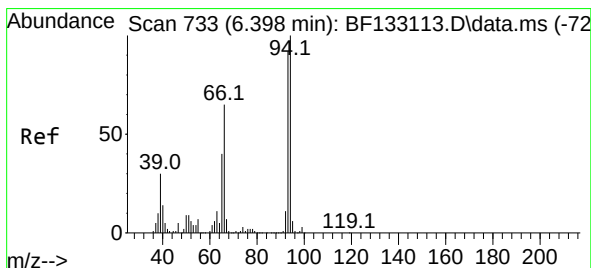
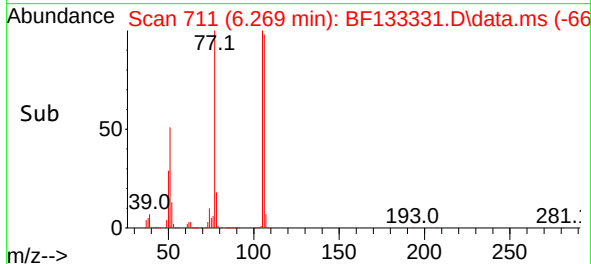
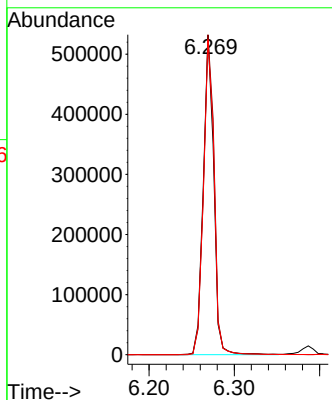
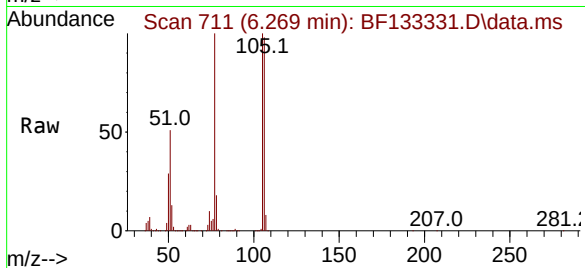




#9
Benzaldehyde
Concen: Below Cal
RT: 6.269 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

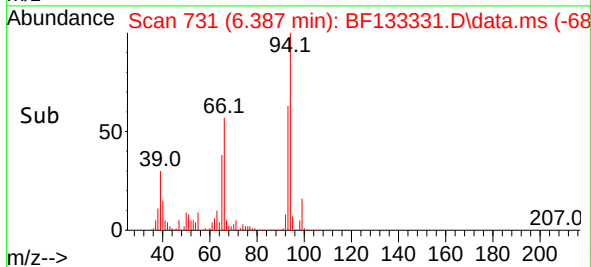
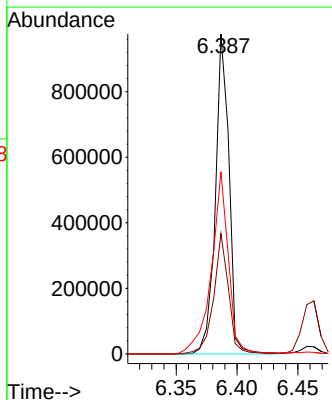
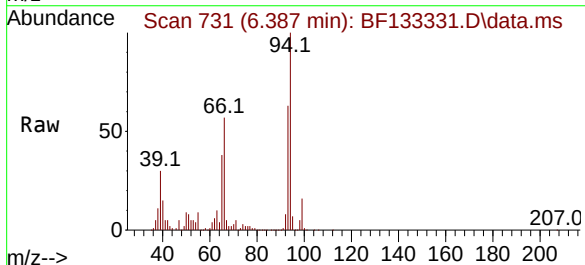
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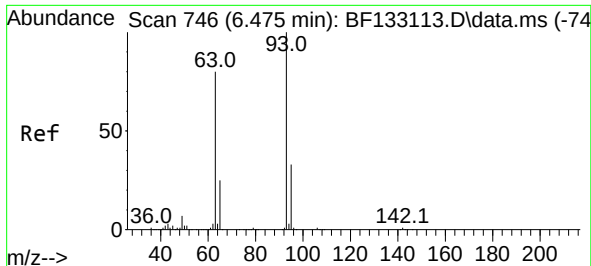
Tgt Ion: 77 Resp: 452177
Ion Ratio Lower Upper
77 100
105 100.2 82.3 122.3
106 98.7 80.8 120.8



#10
Phenol
Concen: 42.027 ng
RT: 6.387 min Scan# 731
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

Tgt Ion: 94 Resp: 763560
Ion Ratio Lower Upper
94 100
65 37.6 8.6 48.6
66 57.0 17.3 57.3

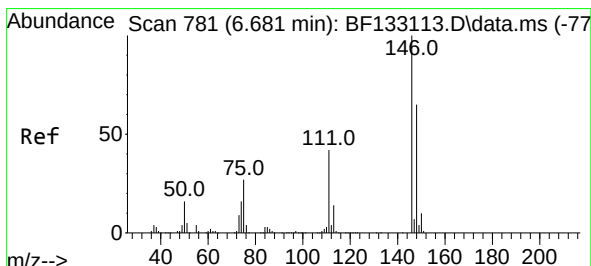
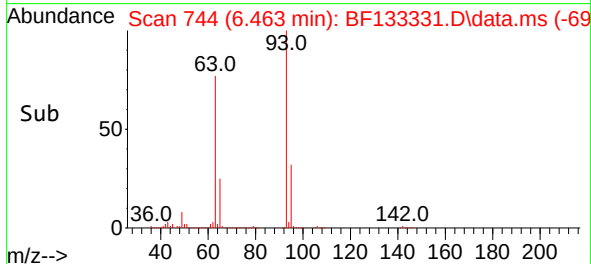
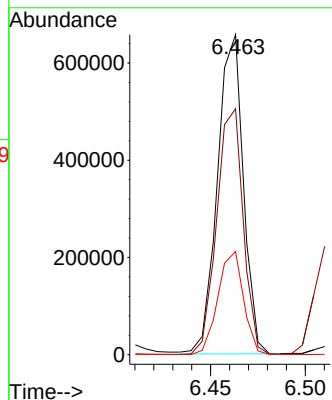
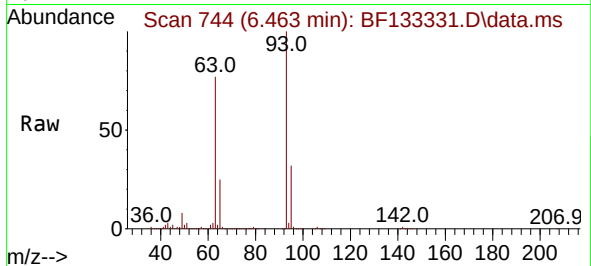




#11
bis(2-Chloroethyl)ether
Concen: 45.853 ng
RT: 6.463 min Scan# 746
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

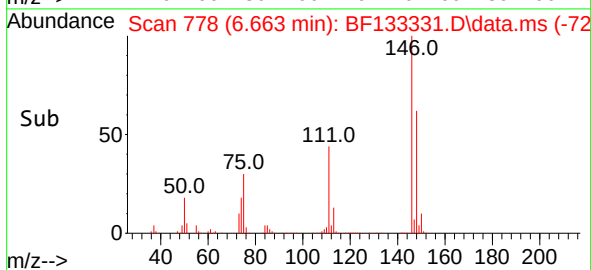
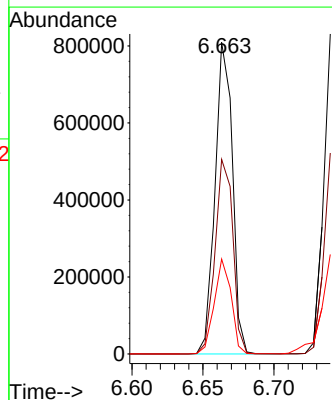
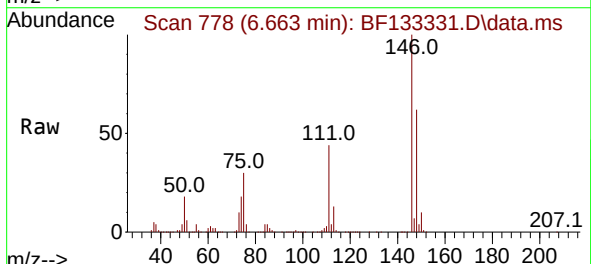
Instrument :
BNA_F
ClientSampleId :
SB-04_0-2_20230509MS

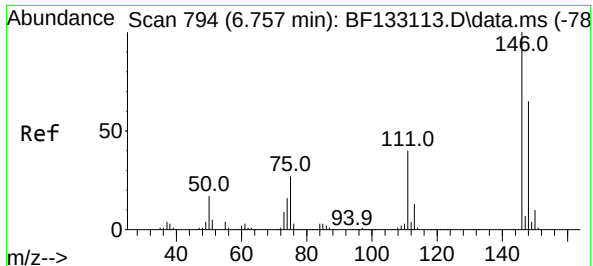
Tgt Ion: 93 Resp: 625144
Ion Ratio Lower Upper
93 100
63 76.9 60.6 100.6
95 32.2 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 48.061 ng
RT: 6.663 min Scan# 778
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

Tgt Ion:146 Resp: 688376
Ion Ratio Lower Upper
146 100
148 62.5 51.0 76.4
75 30.4 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 48.781 ng

RT: 6.740 min Scan# 794

Delta R.T. 0.000 min

Lab File: BF133331.D

Acq: 10 May 2023 15:26

Instrument :

BNA_F

ClientSampleId :

SB-04_0-2_20230509MS

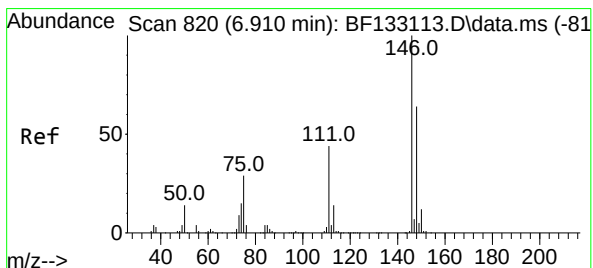
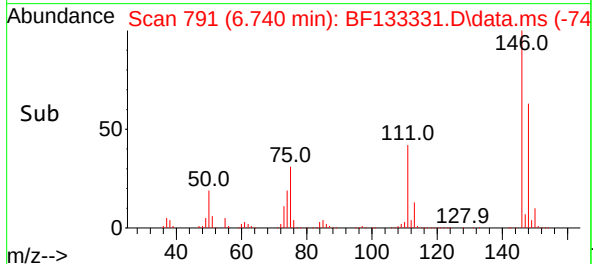
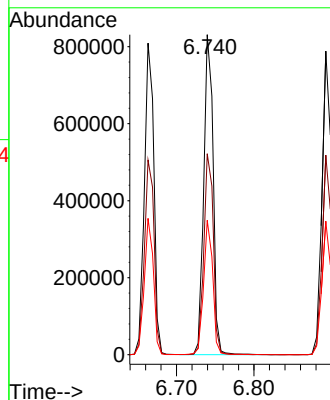
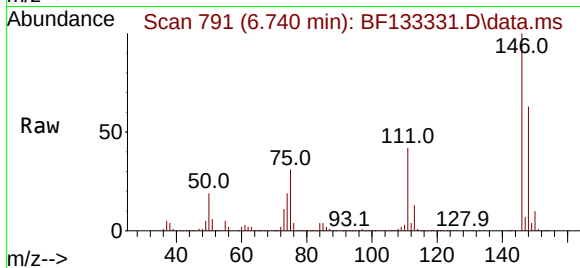
Tgt Ion:146 Resp: 700240

Ion Ratio Lower Upper

146 100

148 62.8 50.3 75.5

111 42.0 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 49.448 ng

RT: 6.893 min Scan# 817

Delta R.T. -0.006 min

Lab File: BF133331.D

Acq: 10 May 2023 15:26

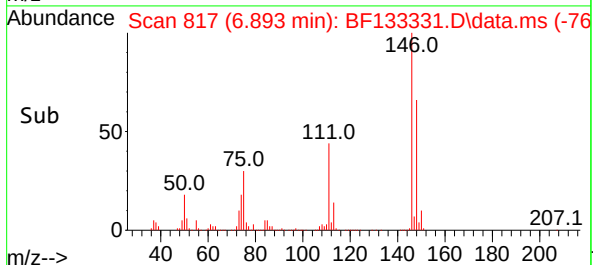
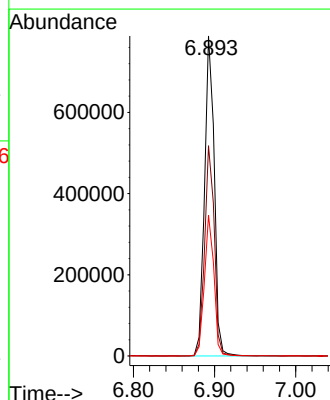
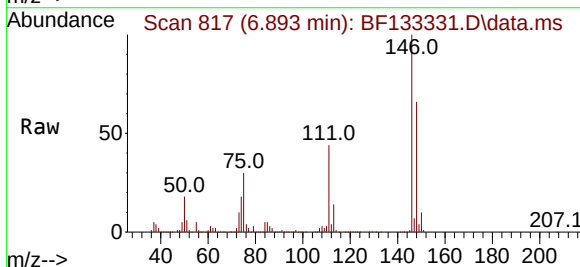
Tgt Ion:146 Resp: 654403

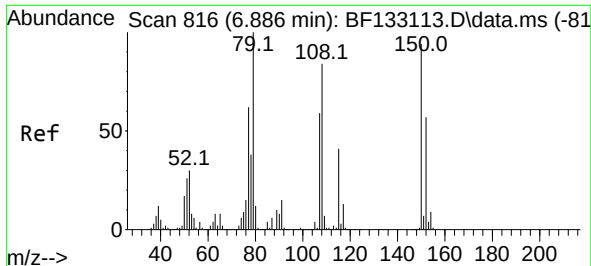
Ion Ratio Lower Upper

146 100

148 65.7 52.2 78.2

111 44.0 32.8 49.2

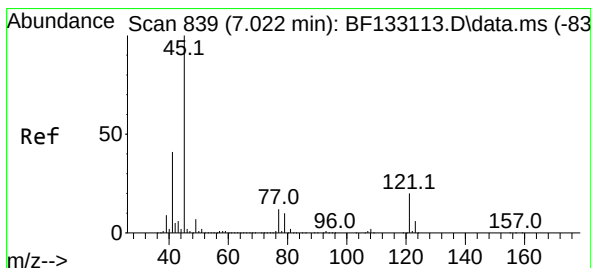
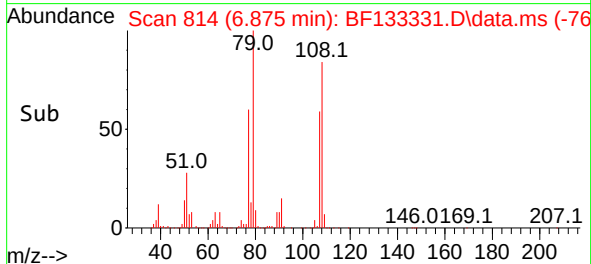
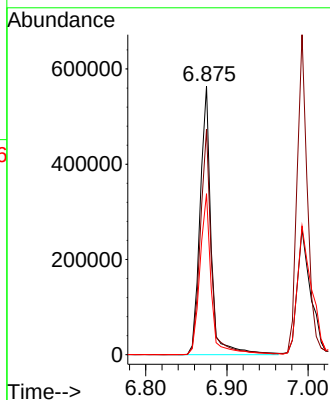
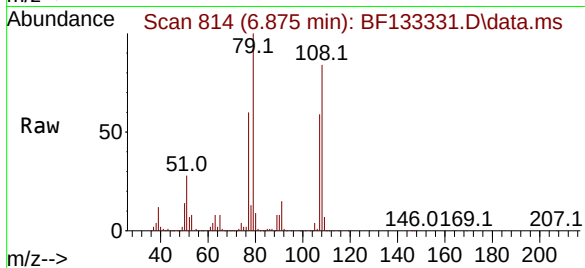




#15
Benzyl Alcohol
Concen: 46.947 ng
RT: 6.875 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

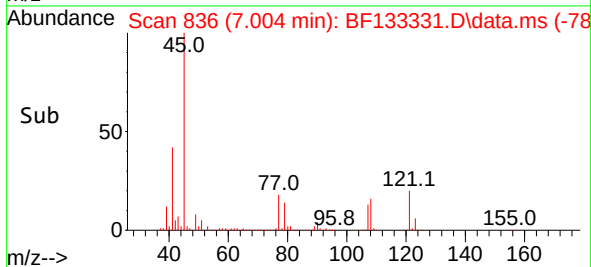
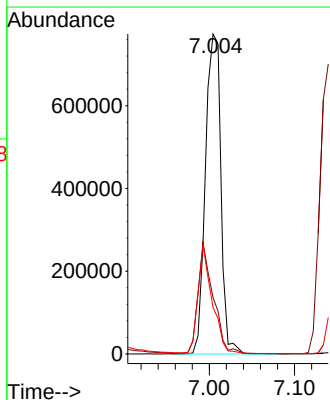
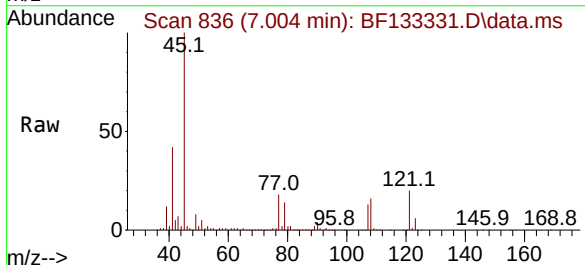
Instrument :
BNA_F
ClientSampleId :
SB-04_0-2_20230509MS

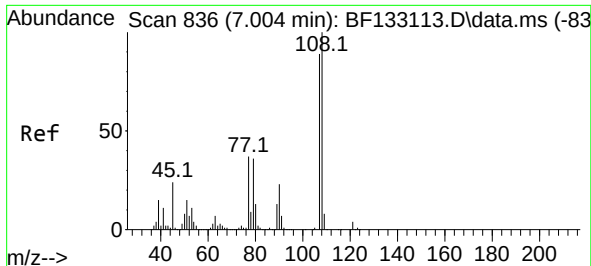
Tgt Ion: 79 Resp: 534075
Ion Ratio Lower Upper
79 100
108 83.9 66.6 99.8
77 59.9 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.043 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

Tgt Ion: 45 Resp: 971902
Ion Ratio Lower Upper
45 100
77 17.6 0.0 31.5
79 14.5 0.0 28.7

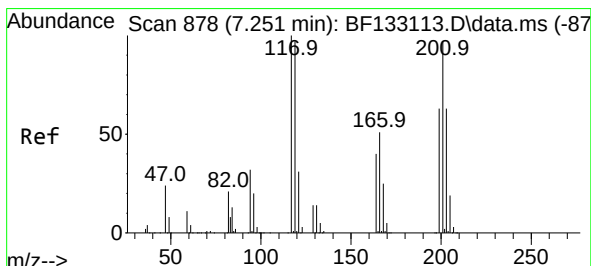
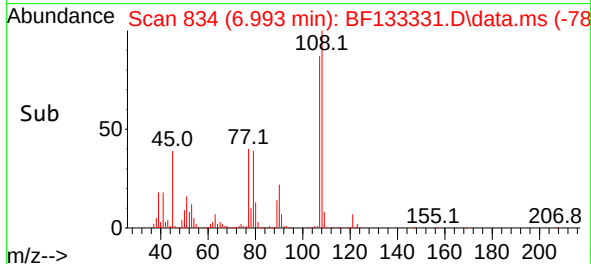
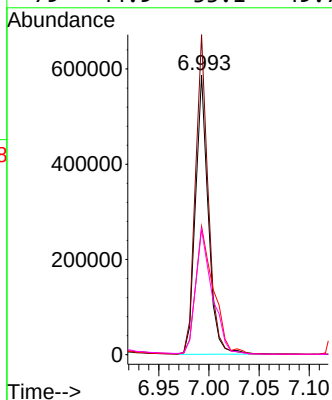
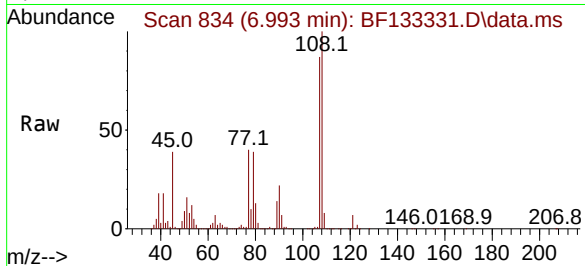




#17
2-Methylphenol
Concen: 42.272 ng
RT: 6.993 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

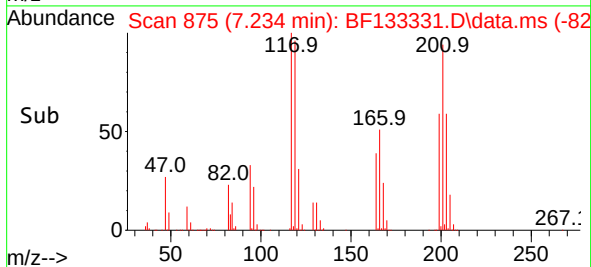
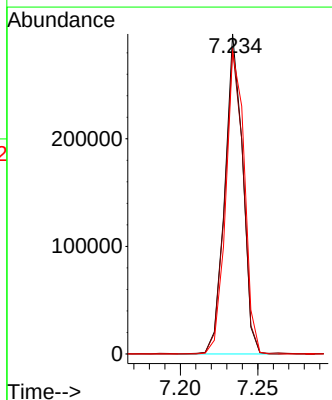
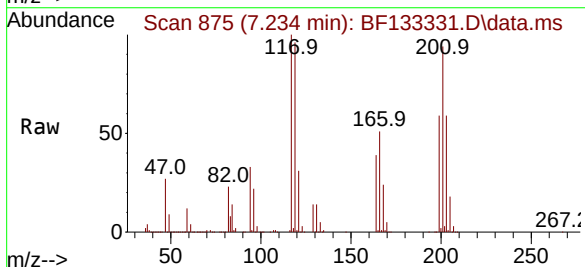
Instrument :
BNA_F
ClientSampleId :
SB-04_0-2_20230509MS

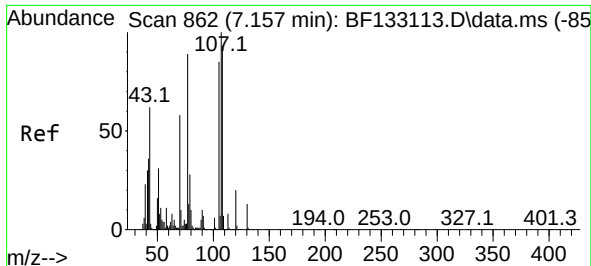
Tgt Ion:	107	Resp:	521466
Ion	Ratio	Lower	Upper
107	100		
108	114.4	92.4	138.6
77	46.0	33.8	50.8
79	44.9	33.1	49.7



#18
Hexachloroethane
Concen: 47.499 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

Tgt Ion:	117	Resp:	237057
Ion	Ratio	Lower	Upper
117	100		
119	95.6	78.2	117.4
201	94.4	81.7	122.5

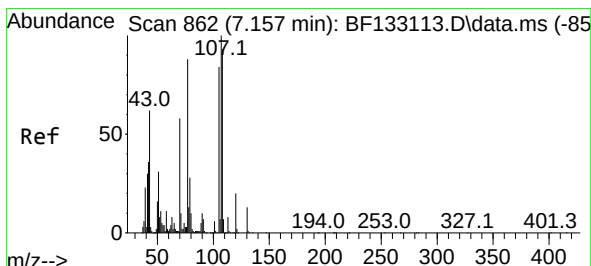
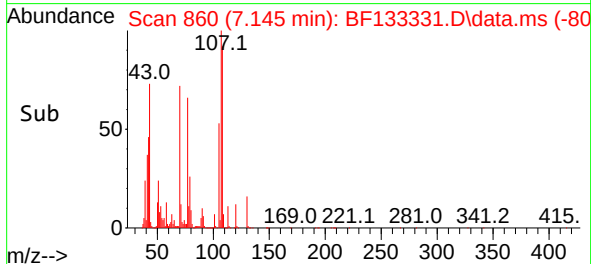
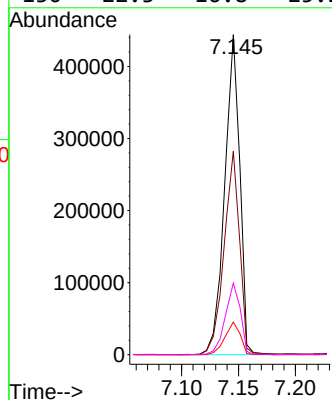
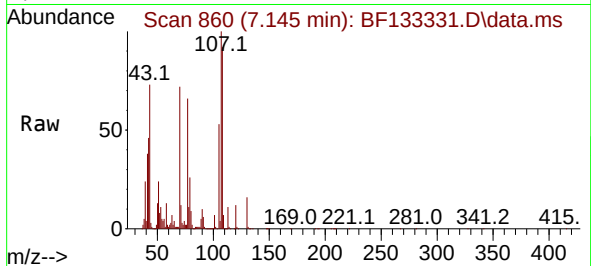




#19
n-Nitroso-di-n-propylamine
Concen: 40.048 ng
RT: 7.145 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

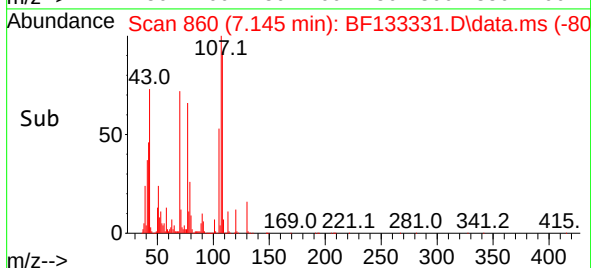
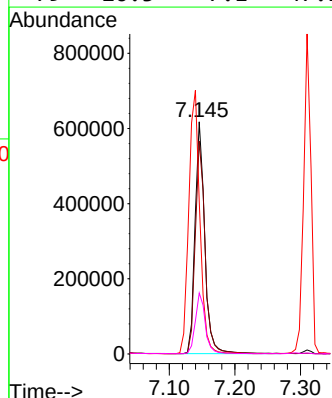
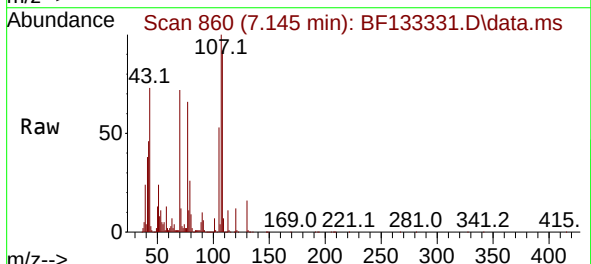
Instrument :
BNA_F
ClientSampleId :
SB-04_0-2_20230509MS

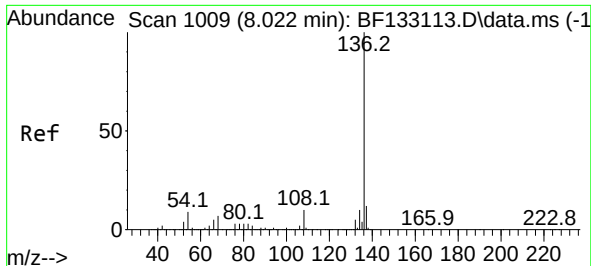
Tgt Ion:	70	Resp:	410606
Ion	Ratio	Lower	Upper
70	100		
42	63.6	51.8	77.6
101	10.2	8.0	12.0
130	22.3	16.8	25.2



#20
3+4-Methylphenols
Concen: 43.707 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

Tgt Ion:	107	Resp:	634957
Ion	Ratio	Lower	Upper
107	100		
108	91.7	70.5	110.5
77	65.6	91.7	131.7#
79	26.3	7.1	47.1



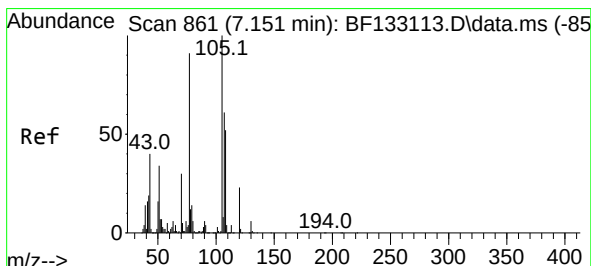
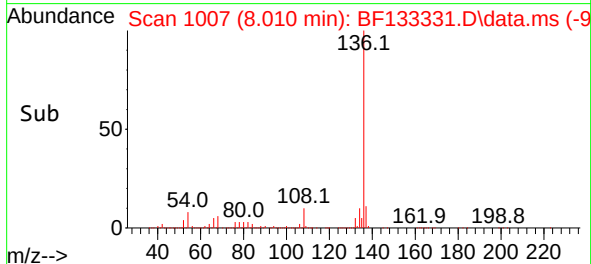
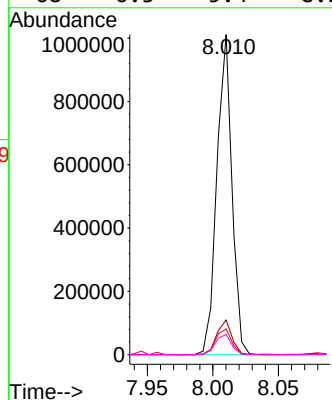
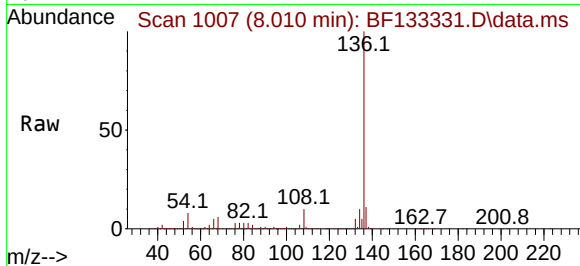


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

Instrument :
BNA_F
ClientSampleId :
SB-04_0-2_20230509MS

Tgt Ion:136 Resp: 808059

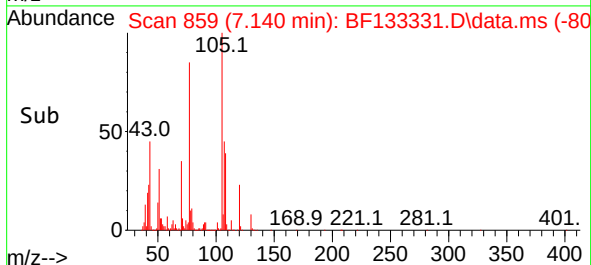
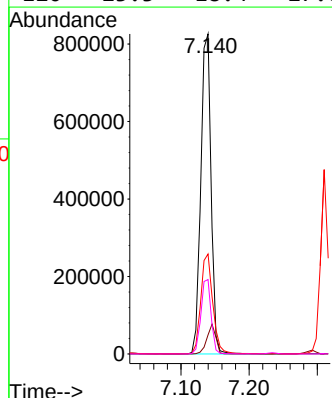
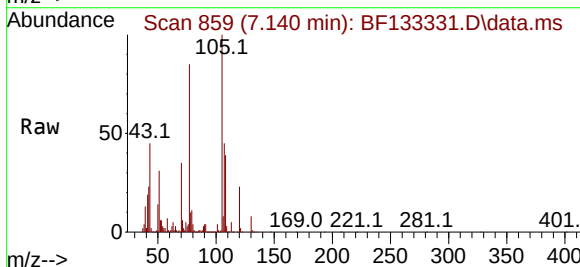
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.1	7.0	10.4
68	6.3	5.4	8.2

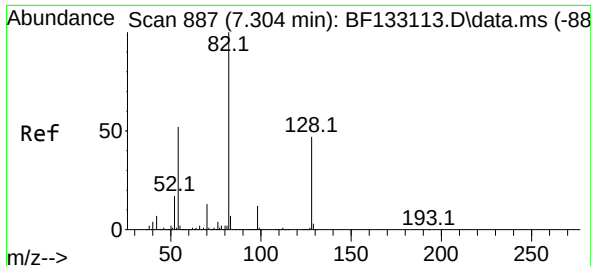


#22
Acetophenone
Concen: 46.189 ng
RT: 7.140 min Scan# 859
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

Tgt Ion:105 Resp: 864585

Ion	Ratio	Lower	Upper
105	100		
71	6.0	4.6	7.0
51	31.3	28.2	42.2
120	23.3	18.4	27.6





#23

Nitrobenzene-d5

Concen: 78.873 ng

RT: 7.293 min Scan# 885

Delta R.T. 0.000 min

Lab File: BF133331.D

Acq: 10 May 2023 15:26

Instrument :

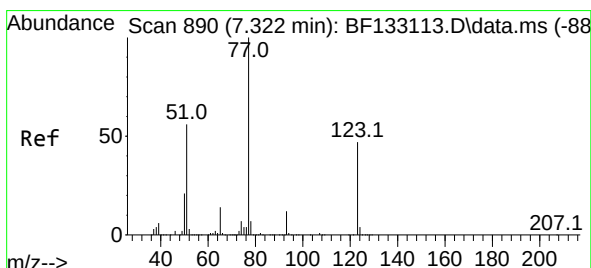
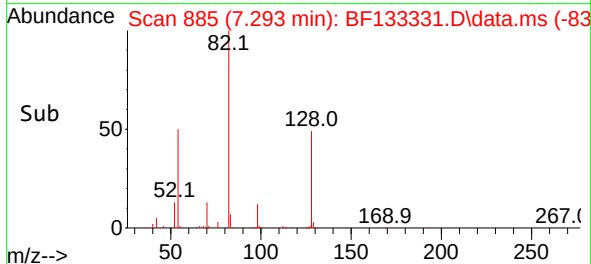
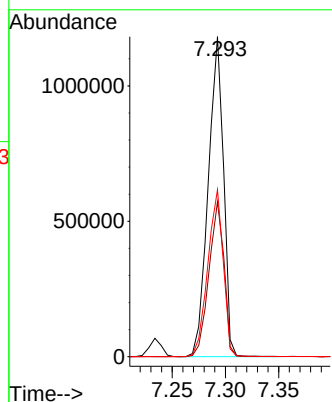
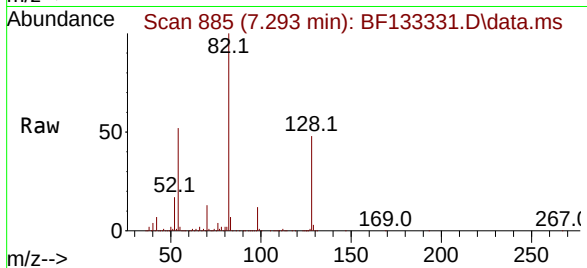
BNA_F

ClientSampleId :

SB-04_0-2_20230509MS

Tgt Ion: 82 Resp: 1180765

Ion	Ratio	Lower	Upper
82	100		
128	48.4	37.7	56.5
54	52.2	43.0	64.4



#24

Nitrobenzene

Concen: 42.884 ng

RT: 7.310 min Scan# 888

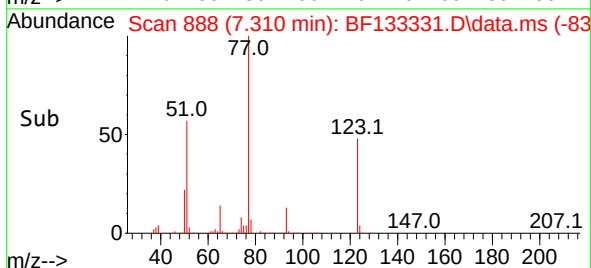
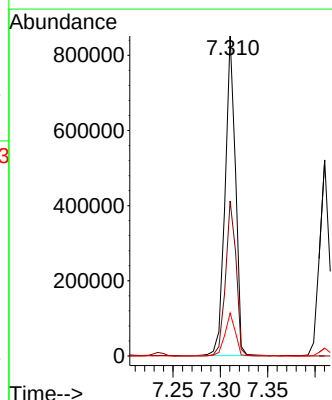
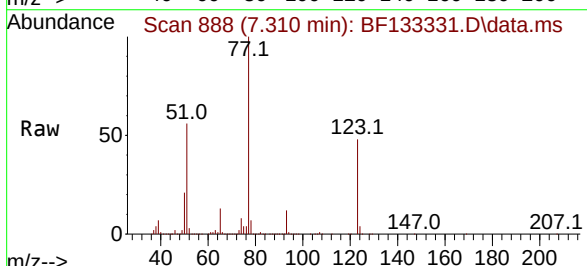
Delta R.T. -0.006 min

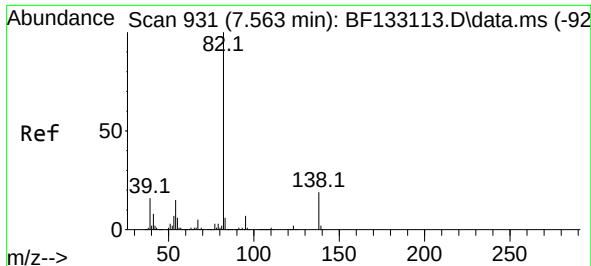
Lab File: BF133331.D

Acq: 10 May 2023 15:26

Tgt Ion: 77 Resp: 650548

Ion	Ratio	Lower	Upper
77	100		
123	48.4	39.9	59.9
65	13.4	10.7	16.1

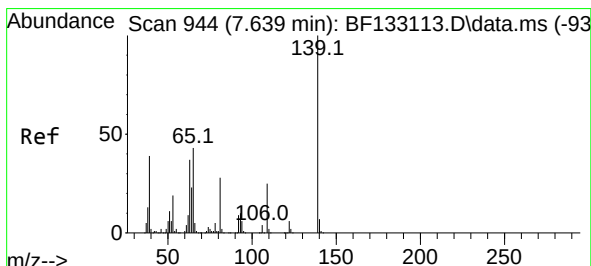
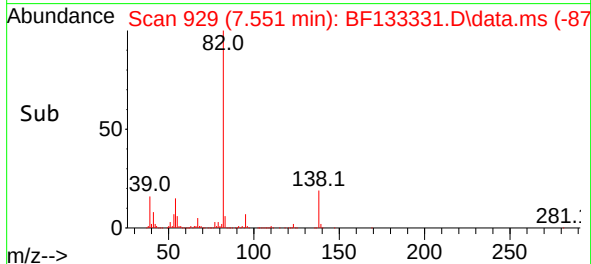
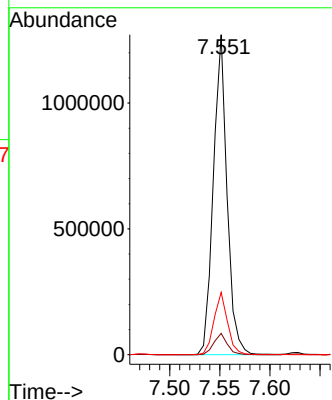
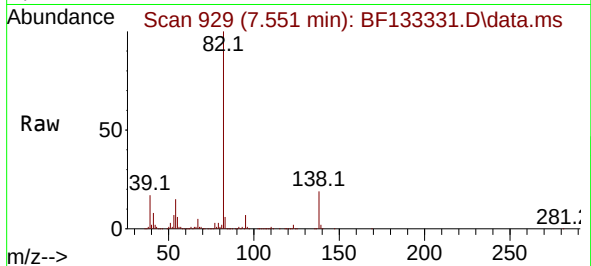




#25
Isophorone
Concen: 42.322 ng
RT: 7.551 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

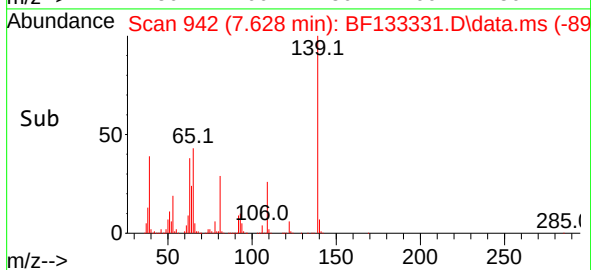
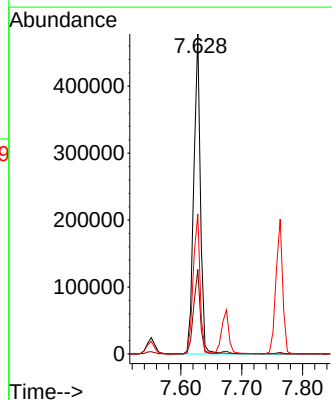
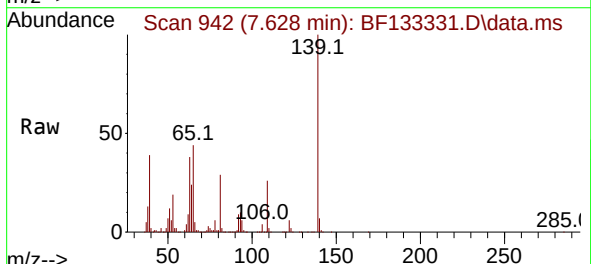
Instrument :
BNA_F
ClientSampleId :
SB-04_0-2_20230509MS

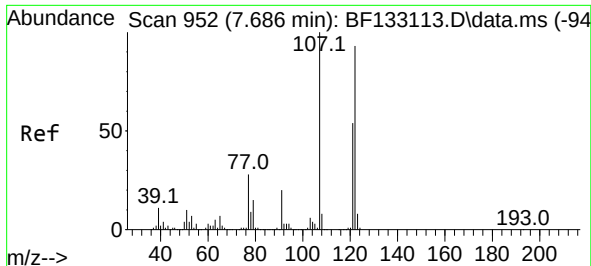
Tgt Ion: 82 Resp: 1202963
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.0
138 19.5 16.0 24.0



#26
2-Nitrophenol
Concen: 49.774 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

Tgt Ion: 139 Resp: 364196
Ion Ratio Lower Upper
139 100
109 26.4 21.6 32.4
65 43.6 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 46.804 ng

RT: 7.675 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF133331.D

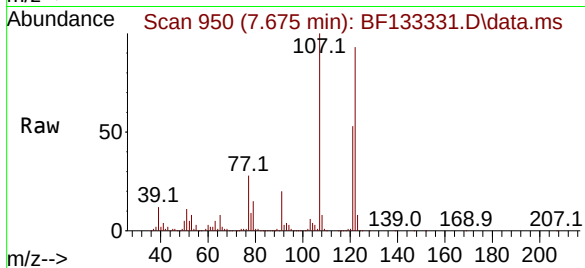
Acq: 10 May 2023 15:26

Instrument :

BNA_F

ClientSampleId :

SB-04_0-2_20230509MS



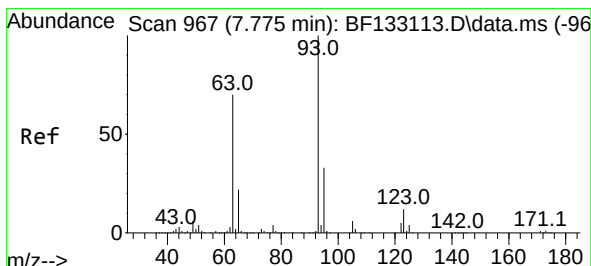
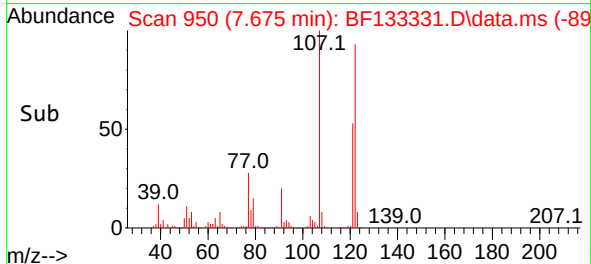
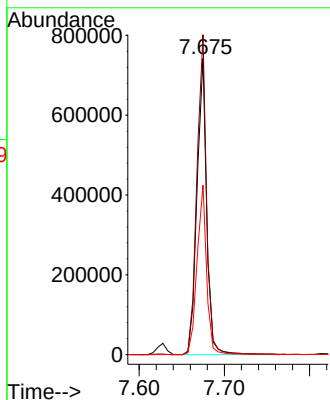
Tgt Ion:122 Resp: 587232

Ion Ratio Lower Upper

122 100

107 108.0 89.7 134.5

121 57.2 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 43.311 ng

RT: 7.763 min Scan# 965

Delta R.T. 0.000 min

Lab File: BF133331.D

Acq: 10 May 2023 15:26

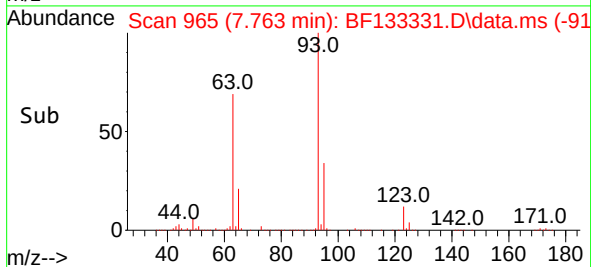
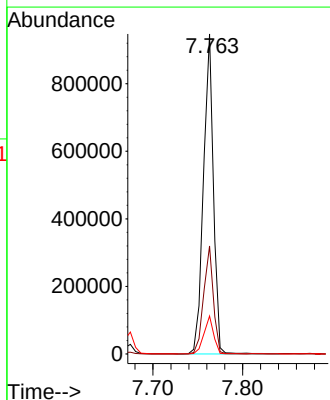
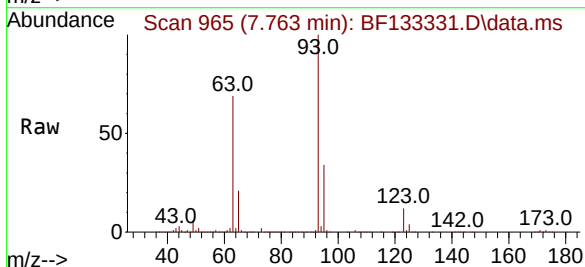
Tgt Ion: 93 Resp: 728289

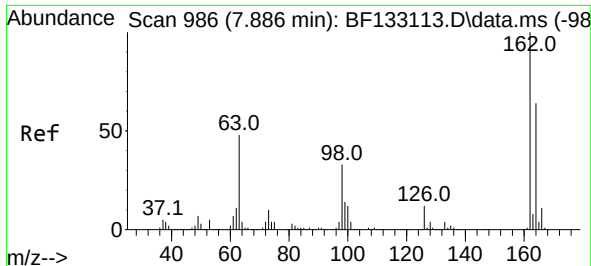
Ion Ratio Lower Upper

93 100

95 33.8 26.4 39.6

123 11.9 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 45.674 ng

RT: 7.875 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF133331.D

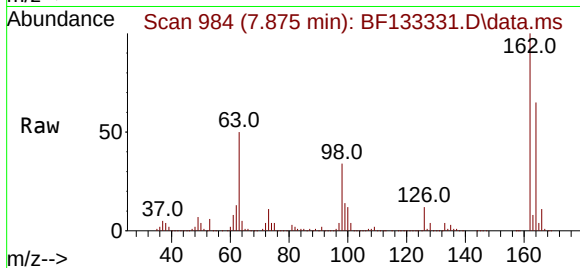
Acq: 10 May 2023 15:26

Instrument :

BNA_F

ClientSampleId :

SB-04_0-2_20230509MS



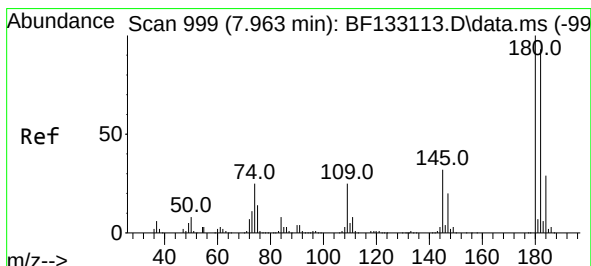
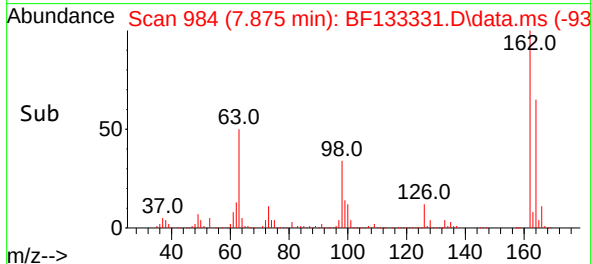
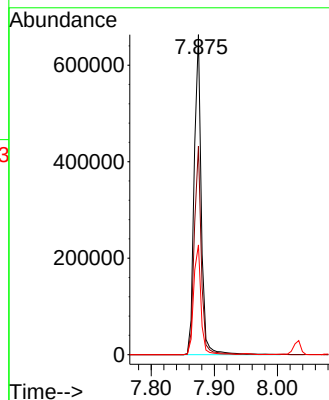
Tgt Ion:162 Resp: 521672

Ion Ratio Lower Upper

162 100

164 65.1 43.9 83.9

98 34.3 17.0 57.0



#30

1,2,4-Trichlorobenzene

Concen: 45.794 ng

RT: 7.951 min Scan# 997

Delta R.T. 0.000 min

Lab File: BF133331.D

Acq: 10 May 2023 15:26

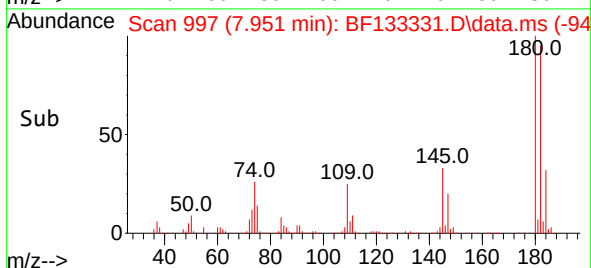
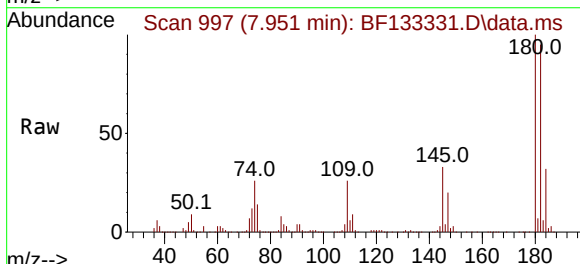
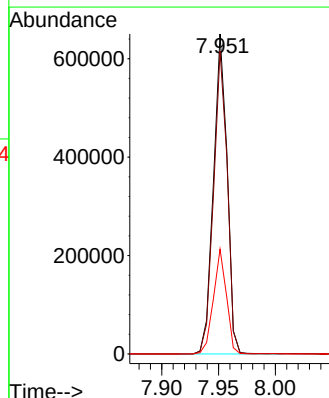
Tgt Ion:180 Resp: 541868

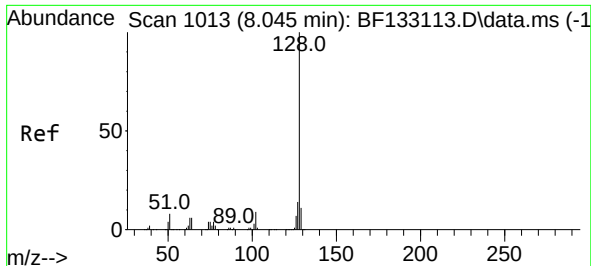
Ion Ratio Lower Upper

180 100

182 94.7 75.9 113.9

145 32.7 25.3 37.9

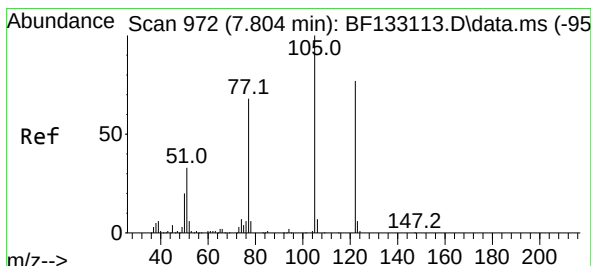
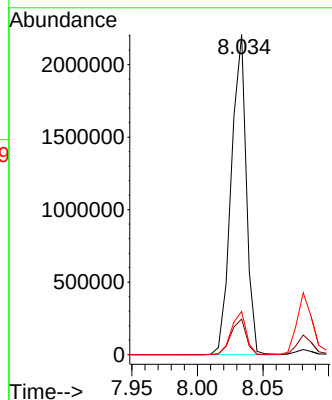
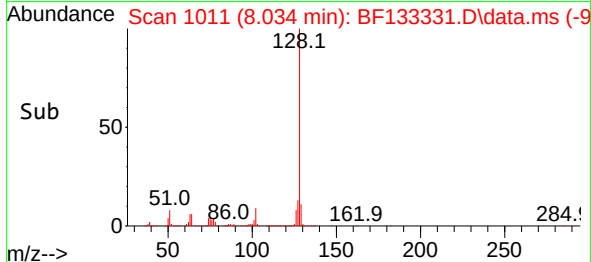
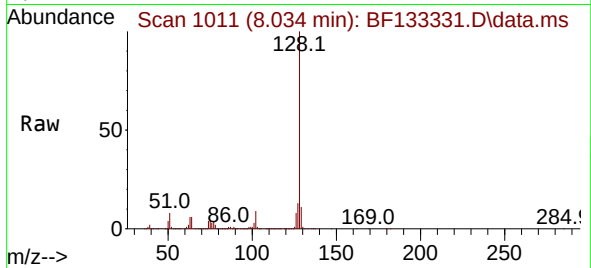




#31
Naphthalene
Concen: 43.730 ng
RT: 8.034 min Scan# 1011
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

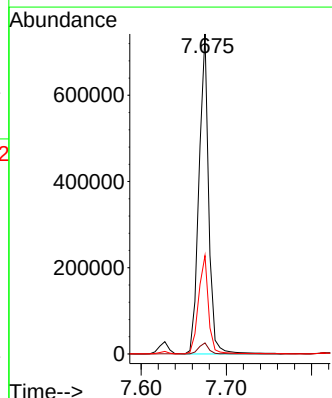
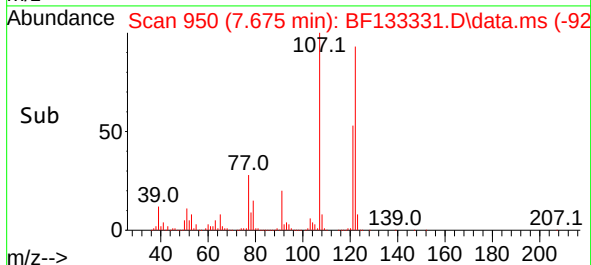
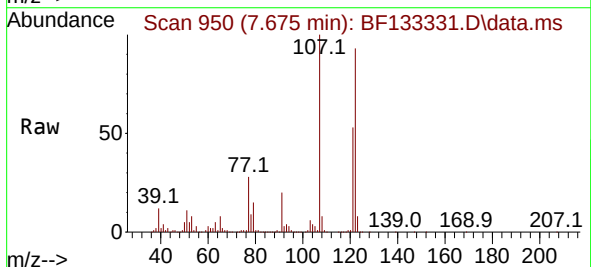
Instrument :
BNA_F
ClientSampleId :
SB-04_0-2_20230509MS

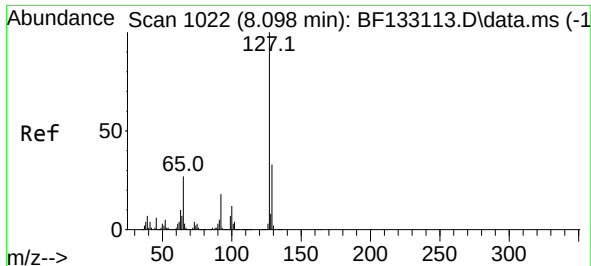
Tgt Ion:128 Resp: 1766711
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.5 10.7 16.1



#32
Benzoic acid
Concen: 75.773 ng
RT: 7.675 min Scan# 950
Delta R.T. -0.129 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

Tgt Ion:122 Resp: 587232
Ion Ratio Lower Upper
122 100
105 3.5 104.2 144.2#
77 30.8 69.7 109.7#

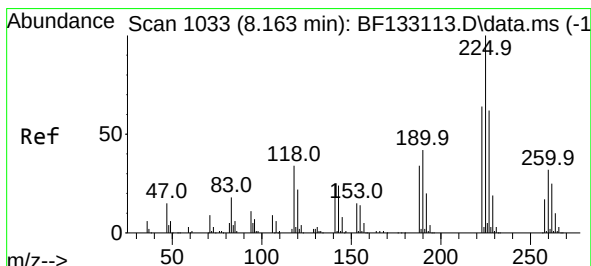
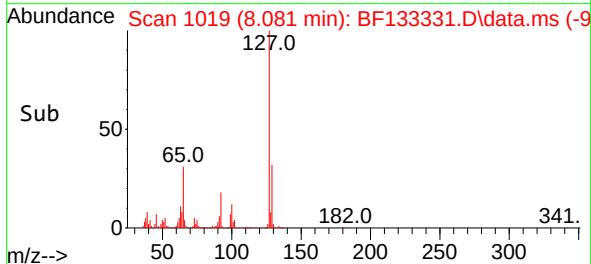
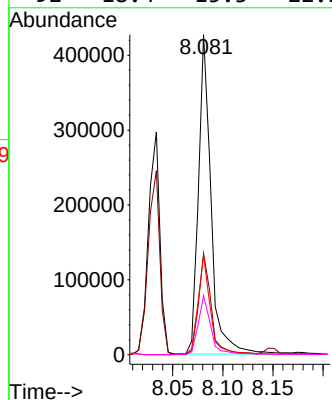
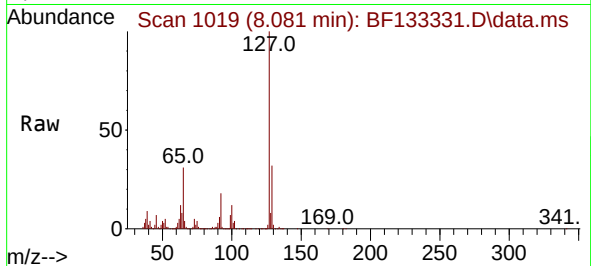




#33
4-Chloroaniline
Concen: 22.806 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

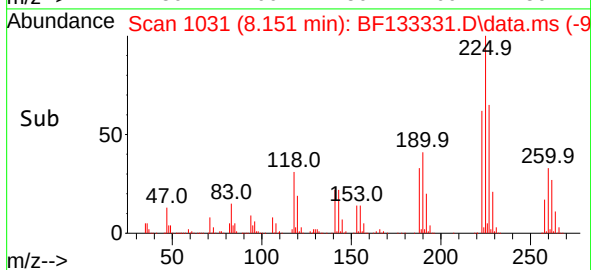
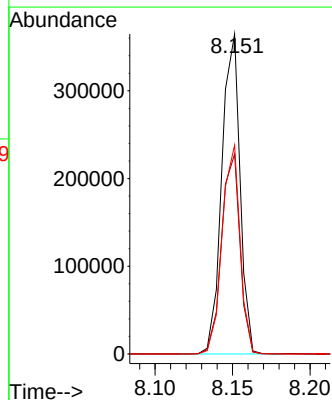
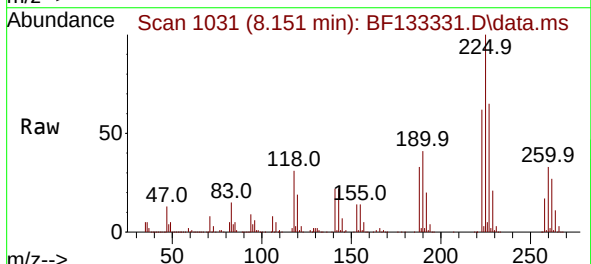
Instrument :
BNA_F
ClientSampleId :
SB-04_0-2_20230509MS

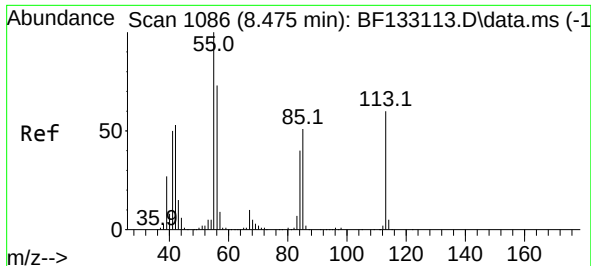
Tgt Ion:	127	Resp:	372267
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.8	38.8
65	31.1	23.6	35.4
92	18.4	15.3	22.9



#34
Hexachlorobutadiene
Concen: 45.418 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

Tgt Ion:	225	Resp:	297860
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.9	76.3
227	65.2	50.3	75.5

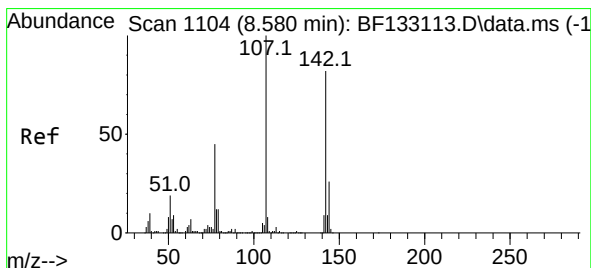
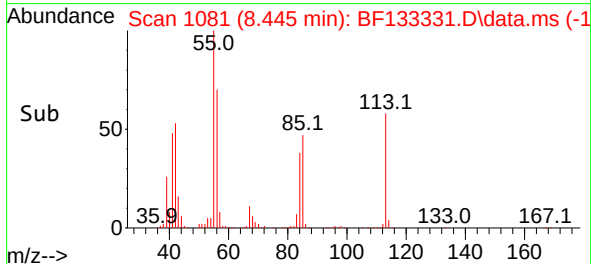
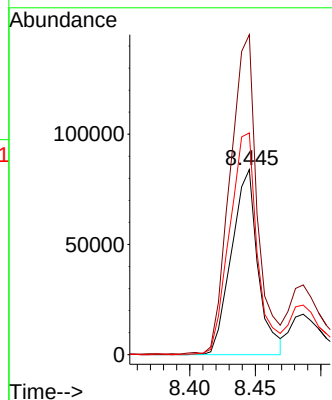
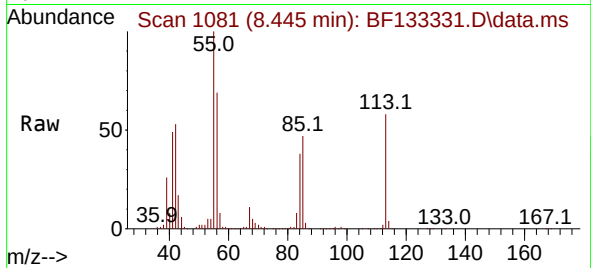




#35
 Caprolactam
 Concen: 30.814 ng
 RT: 8.445 min Scan# 1103
 Delta R.T. -0.017 min
 Lab File: BF133331.D
 Acq: 10 May 2023 15:26

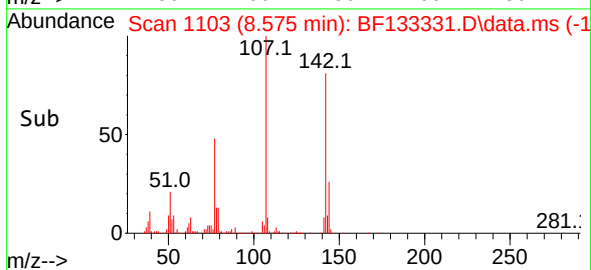
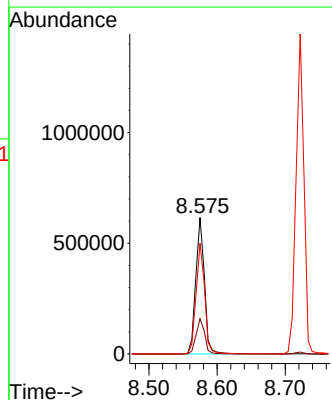
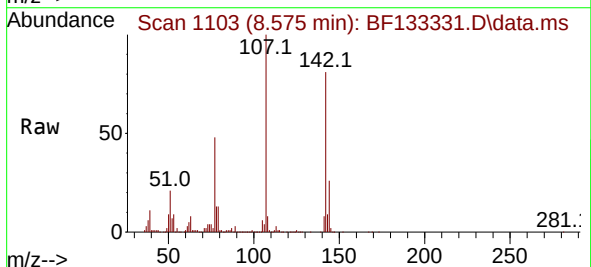
Instrument :
 BNA_F
 ClientSampleId :
 SB-04_0-2_20230509MS

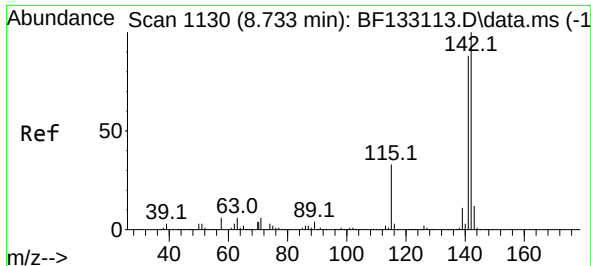
Tgt Ion:113 Resp: 118232
 Ion Ratio Lower Upper
 113 100
 55 172.9 167.1 207.1
 56 119.8 114.5 154.5



#36
 4-Chloro-3-methylphenol
 Concen: 43.845 ng
 RT: 8.575 min Scan# 1103
 Delta R.T. 0.006 min
 Lab File: BF133331.D
 Acq: 10 May 2023 15:26

Tgt Ion:107 Resp: 540031
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.6 30.8
 142 81.2 62.8 94.2





#37

2-Methylnaphthalene

Concen: 42.162 ng

RT: 8.722 min Scan# 1128

Delta R.T. 0.000 min

Lab File: BF133331.D

Acq: 10 May 2023 15:26

Instrument :

BNA_F

ClientSampleId :

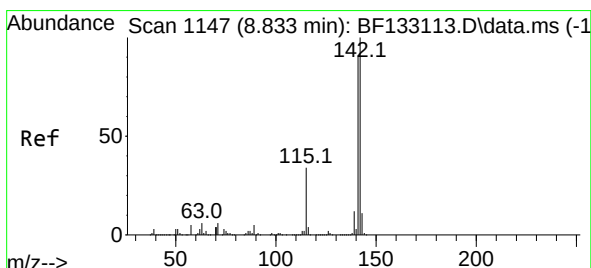
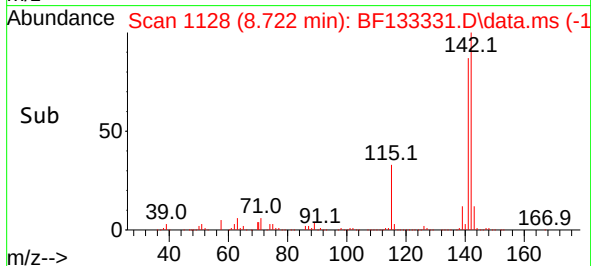
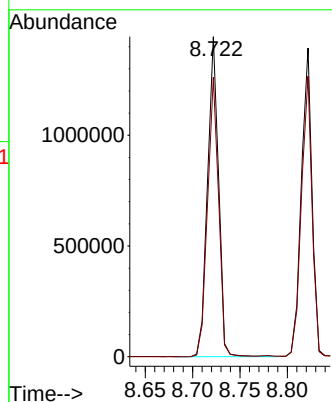
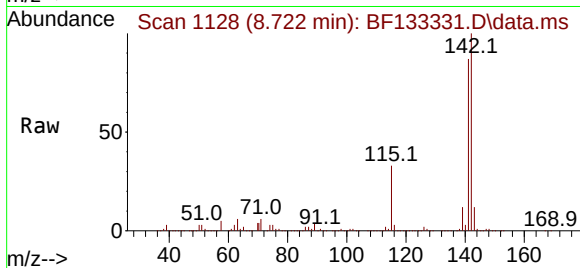
SB-04_0-2_20230509MS

Tgt Ion:142 Resp: 1164538

Ion Ratio Lower Upper

142 100

141 87.3 69.4 104.0



#38

1-Methylnaphthalene

Concen: 42.148 ng

RT: 8.822 min Scan# 1145

Delta R.T. 0.000 min

Lab File: BF133331.D

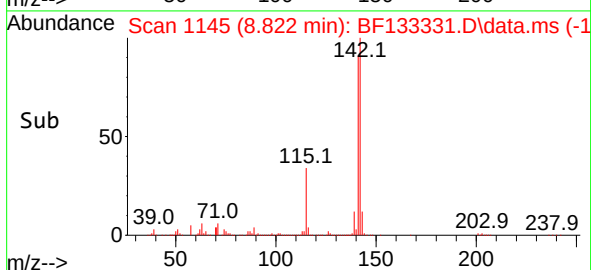
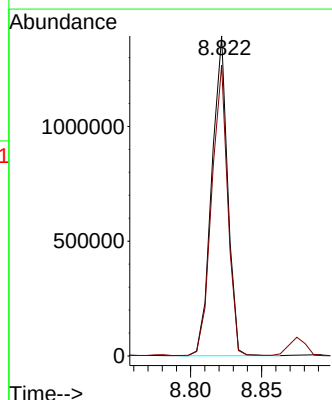
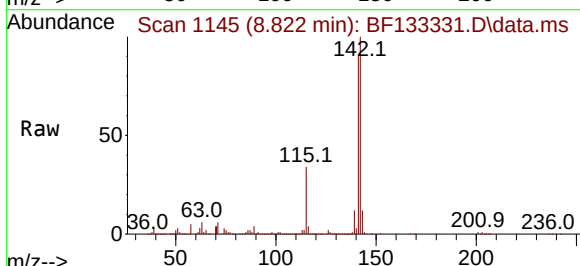
Acq: 10 May 2023 15:26

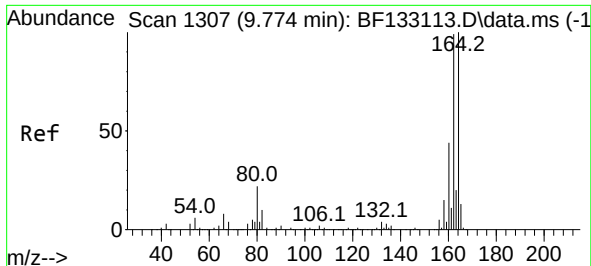
Tgt Ion:142 Resp: 1089063

Ion Ratio Lower Upper

142 100

141 90.9 73.1 109.7

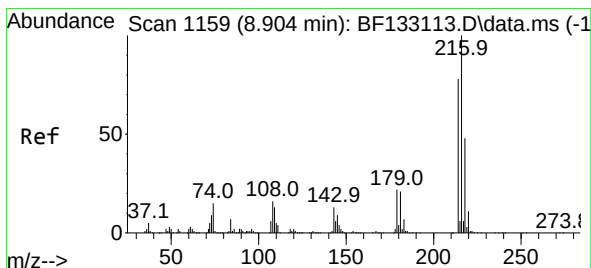
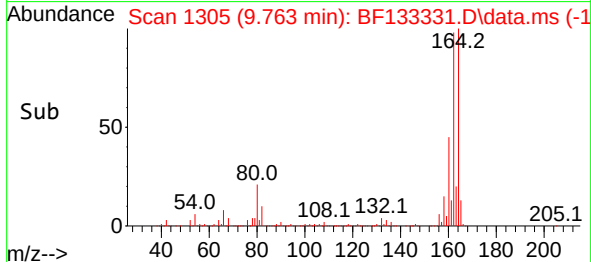
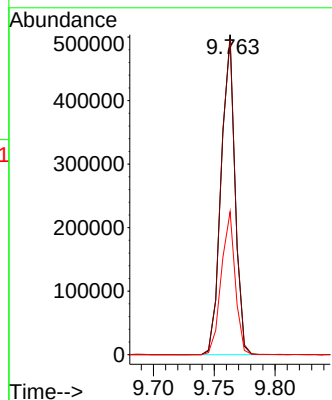
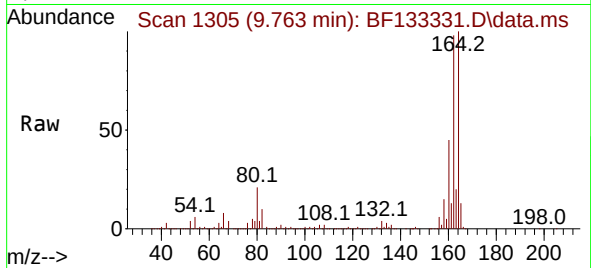




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

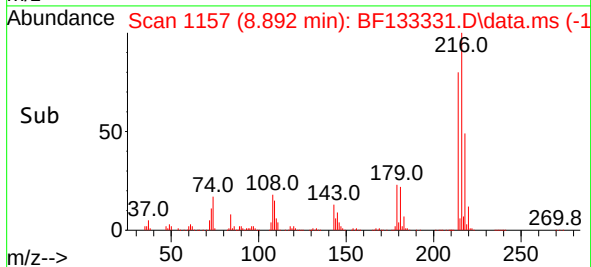
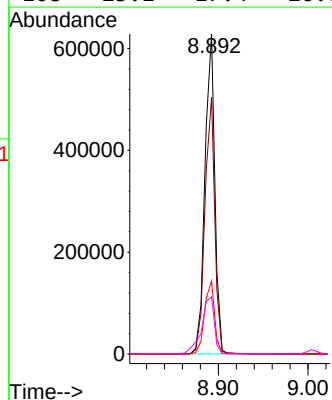
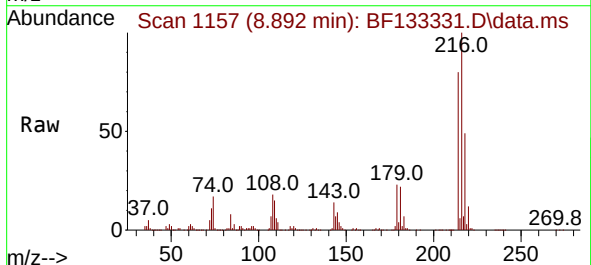
Instrument :
BNA_F
ClientSampleId :
SB-04_0-2_20230509MS

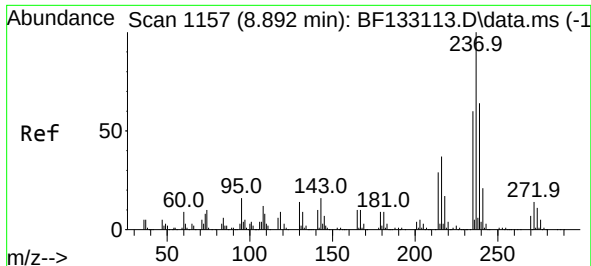
Tgt Ion:164 Resp: 398071
Ion Ratio Lower Upper
164 100
162 98.5 78.7 118.1
160 44.7 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.916 ng
RT: 8.892 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

Tgt Ion:216 Resp: 480741
Ion Ratio Lower Upper
216 100
214 80.3 63.5 95.3
179 23.0 17.4 26.2
108 23.1 17.4 26.0

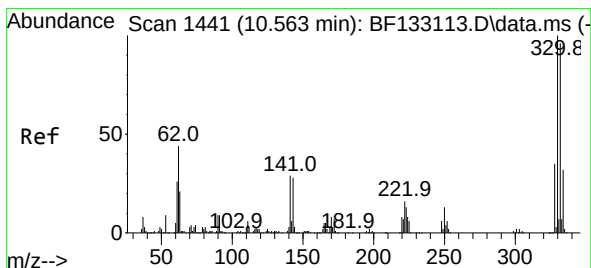
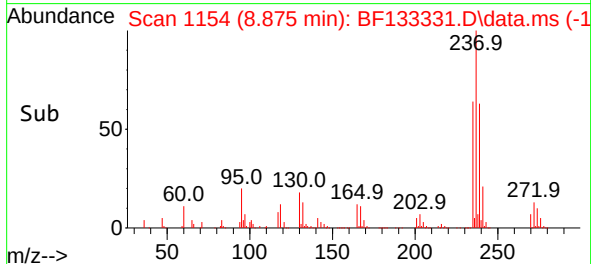
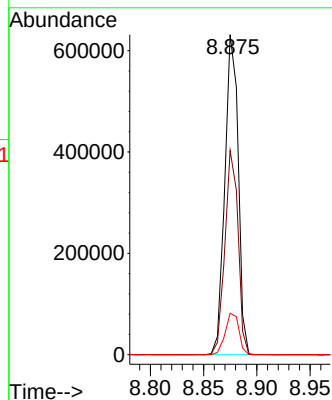
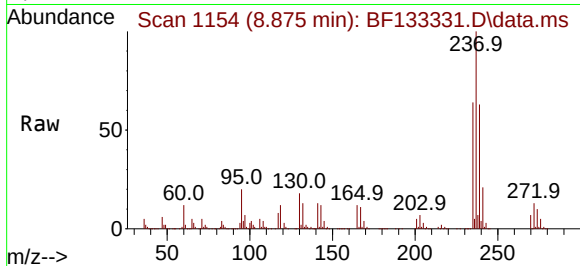




#41
Hexachlorocyclopentadiene
Concen: 88.127 ng
RT: 8.875 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

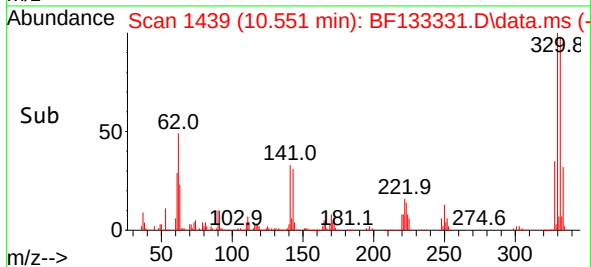
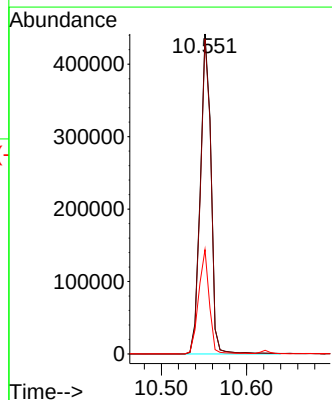
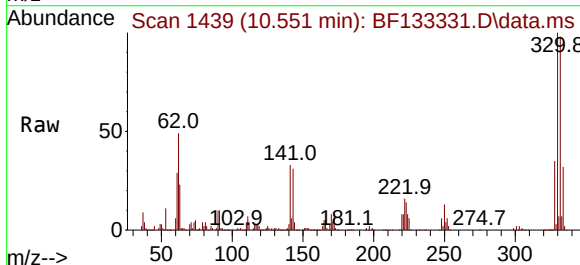
Instrument :
BNA_F
ClientSampleId :
SB-04_0-2_20230509MS

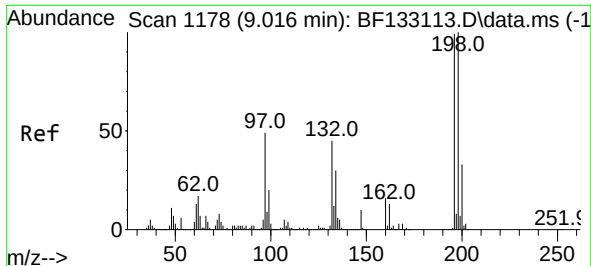
Tgt Ion: 237 Resp: 550090
Ion Ratio Lower Upper
237 100
235 63.8 43.5 83.5
272 12.9 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 96.044 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

Tgt Ion: 330 Resp: 384500
Ion Ratio Lower Upper
330 100
332 98.4 77.1 115.7
141 32.7 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 43.269 ng

RT: 9.004 min Scan# 1176

Delta R.T. 0.000 min

Lab File: BF133331.D

Acq: 10 May 2023 15:26

Instrument :

BNA_F

ClientSampleId :

SB-04_0-2_20230509MS

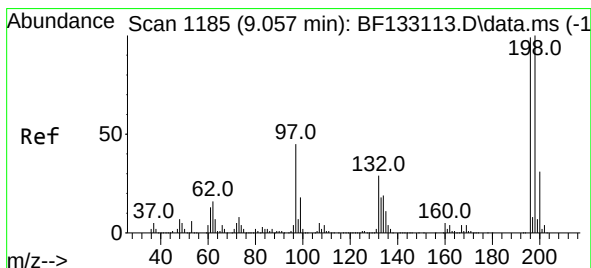
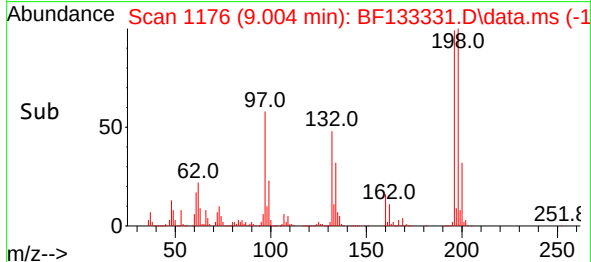
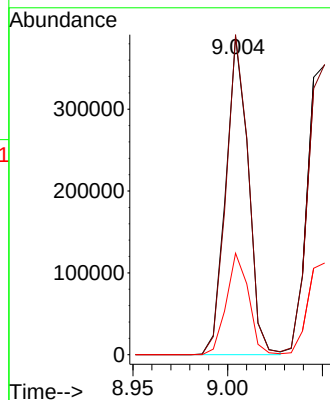
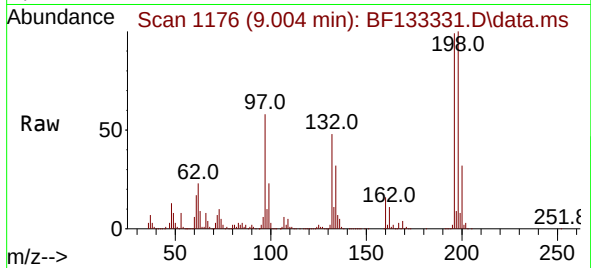
Tgt Ion:196 Resp: 320270

Ion Ratio Lower Upper

196 100

198 100.8 81.0 121.6

200 32.0 26.1 39.1



#44

2,4,5-Trichlorophenol

Concen: 38.498 ng

RT: 9.051 min Scan# 1184

Delta R.T. 0.006 min

Lab File: BF133331.D

Acq: 10 May 2023 15:26

Tgt Ion:196 Resp: 329559

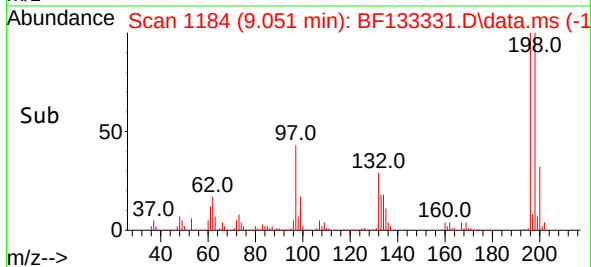
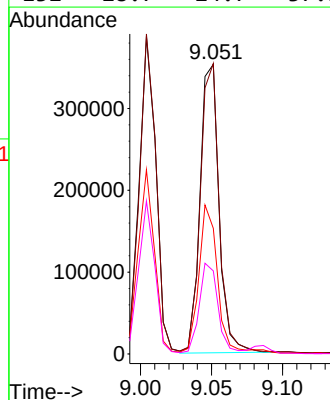
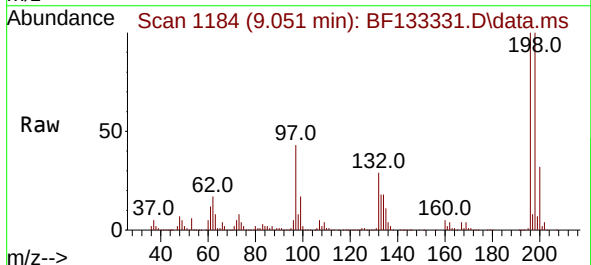
Ion Ratio Lower Upper

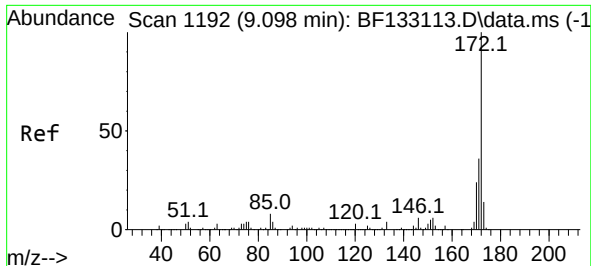
196 100

198 100.3 80.9 121.3

97 43.4 41.3 61.9

132 28.7 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 80.229 ng

RT: 9.087 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF133331.D

Acq: 10 May 2023 15:26

Instrument :

BNA_F

ClientSampleId :

SB-04_0-2_20230509MS

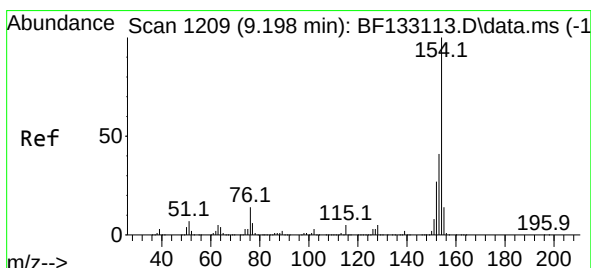
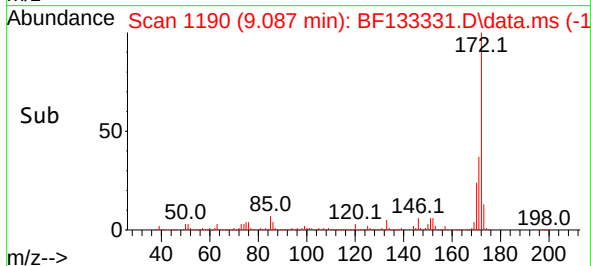
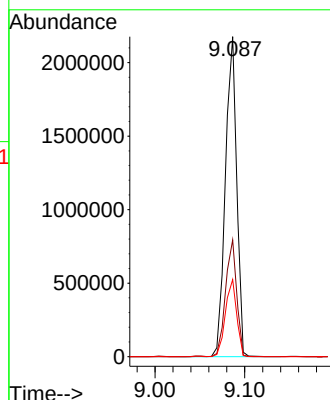
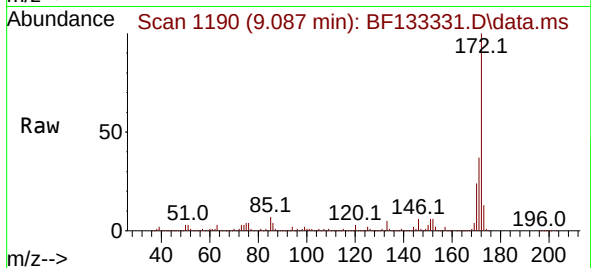
Tgt Ion:172 Resp: 1908956

Ion Ratio Lower Upper

172 100

171 36.5 28.8 43.2

170 24.1 19.4 29.2



#46

1,1'-Biphenyl

Concen: 44.443 ng

RT: 9.187 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF133331.D

Acq: 10 May 2023 15:26

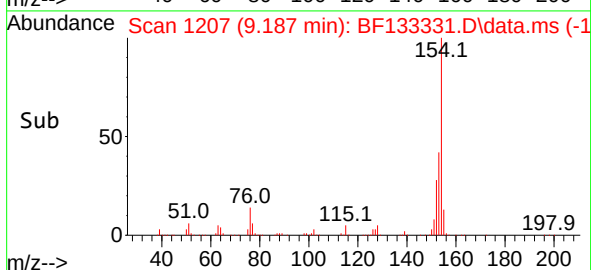
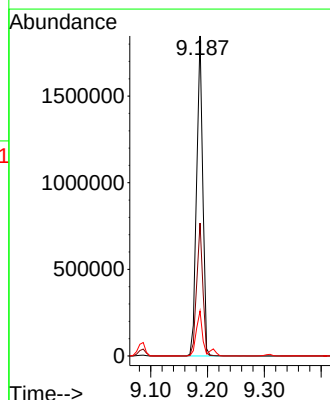
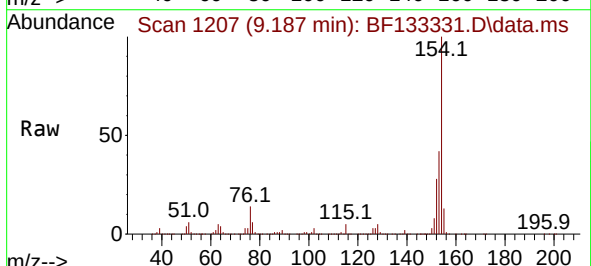
Tgt Ion:154 Resp: 1402855

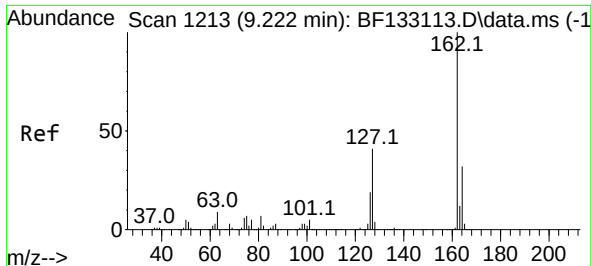
Ion Ratio Lower Upper

154 100

153 41.5 21.0 61.0

76 14.0 0.0 34.5

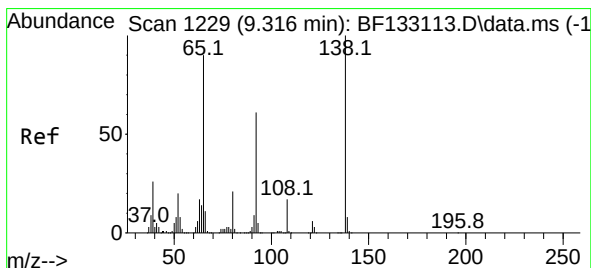
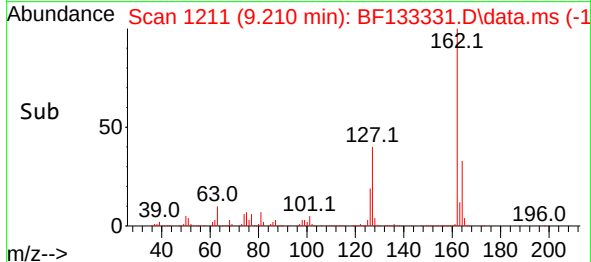
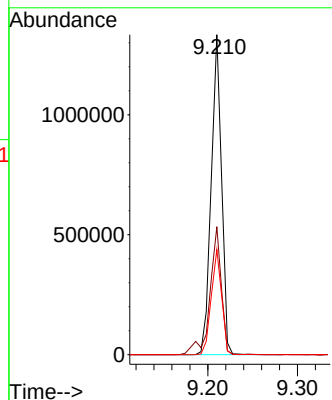
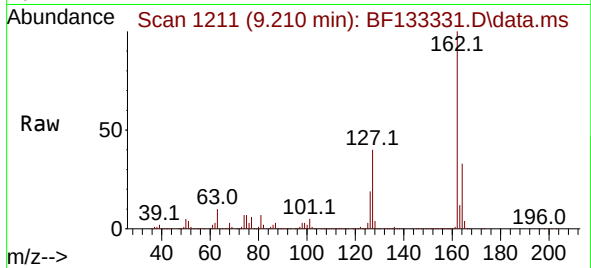




#47
2-Chloronaphthalene
Concen: 46.263 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

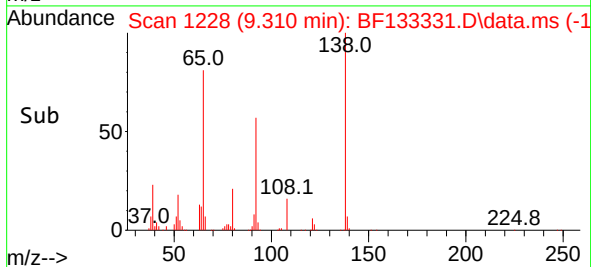
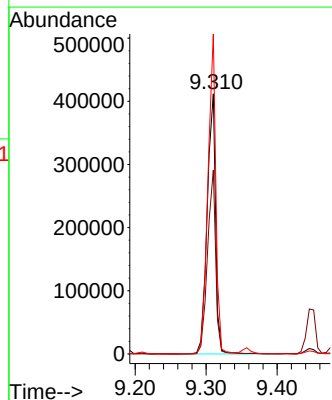
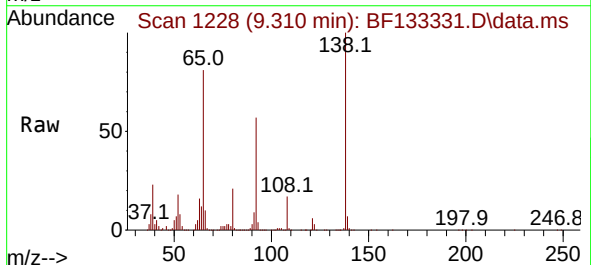
Instrument :
BNA_F
ClientSampleId :
SB-04_0-2_20230509MS

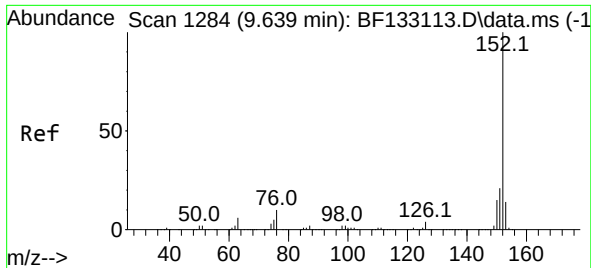
Tgt Ion:162 Resp: 1068838
Ion Ratio Lower Upper
162 100
127 40.0 32.3 48.5
164 32.8 26.8 40.2



#48
2-Nitroaniline
Concen: 44.624 ng
RT: 9.310 min Scan# 1228
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

Tgt Ion: 65 Resp: 340731
Ion Ratio Lower Upper
65 100
92 70.7 55.4 83.0
138 123.0 98.2 147.2





#49

Acenaphthylene

Concen: 44.701 ng

RT: 9.622 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133331.D

Acq: 10 May 2023 15:26

Instrument :

BNA_F

ClientSampleId :

SB-04_0-2_20230509MS

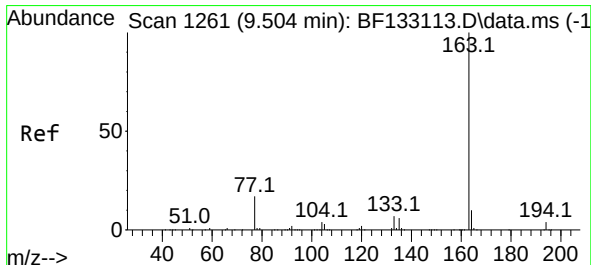
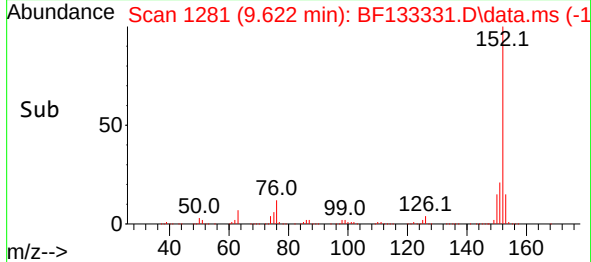
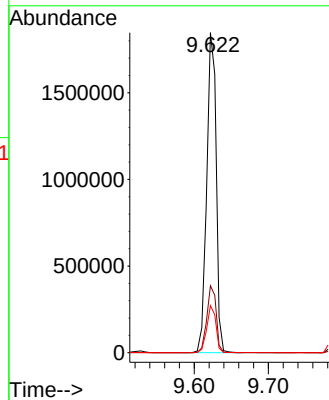
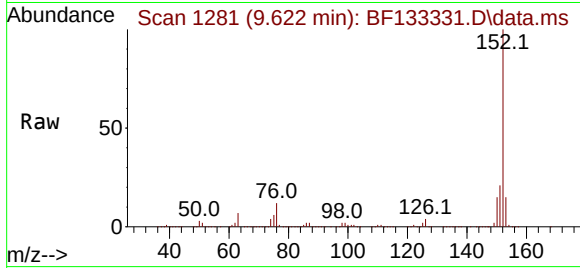
Tgt Ion:152 Resp: 1650176

Ion Ratio Lower Upper

152 100

151 20.9 16.6 24.8

153 14.7 11.5 17.3



#50

Dimethylphthalate

Concen: 43.858 ng

RT: 9.492 min Scan# 1259

Delta R.T. 0.000 min

Lab File: BF133331.D

Acq: 10 May 2023 15:26

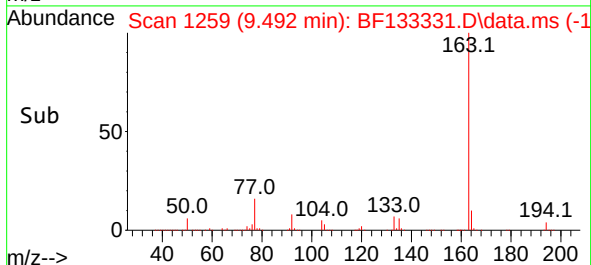
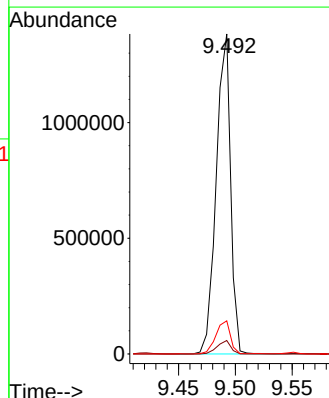
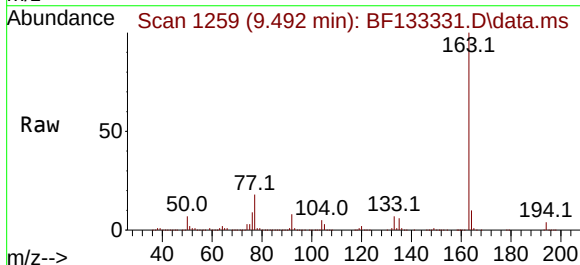
Tgt Ion:163 Resp: 1217358

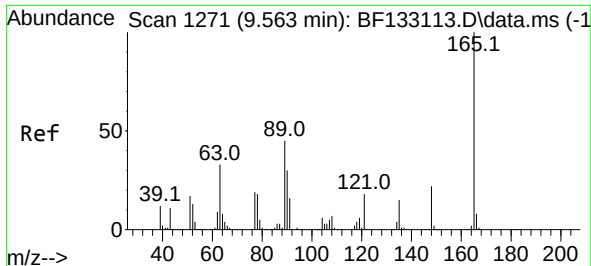
Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

164 10.3 8.5 12.7

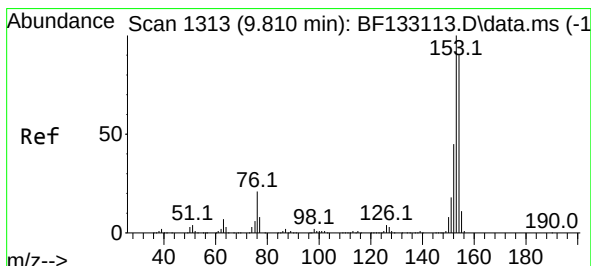
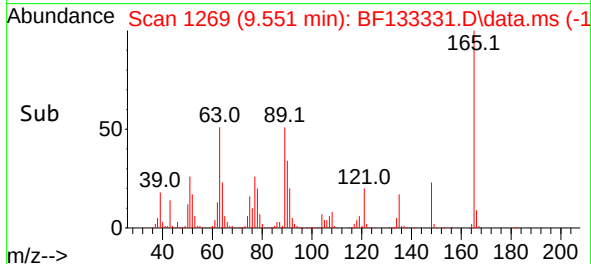
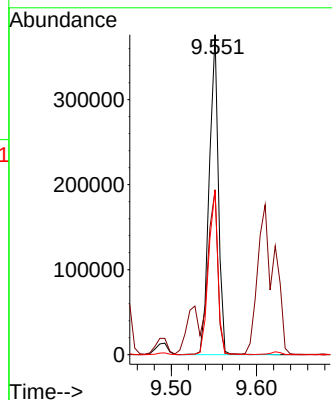
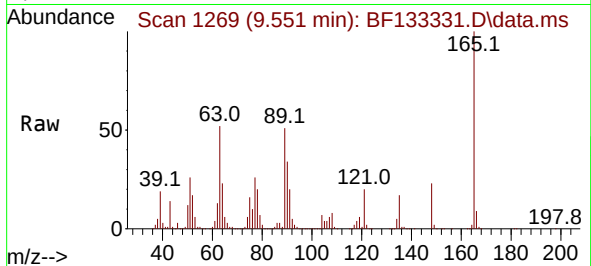




#51
2,6-Dinitrotoluene
Concen: 45.029 ng
RT: 9.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

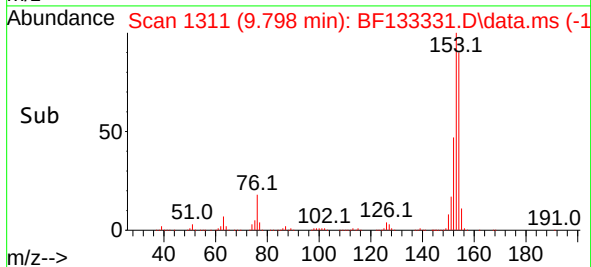
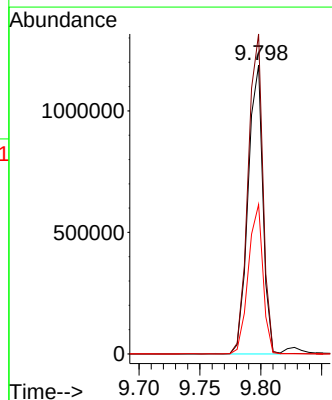
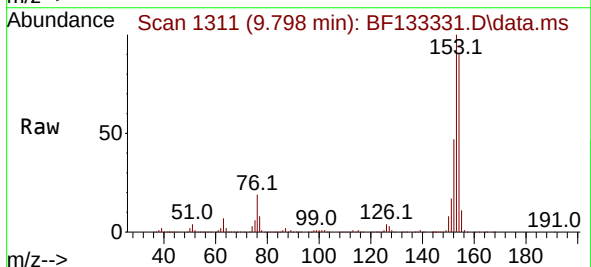
Instrument :
BNA_F
ClientSampleId :
SB-04_0-2_20230509MS

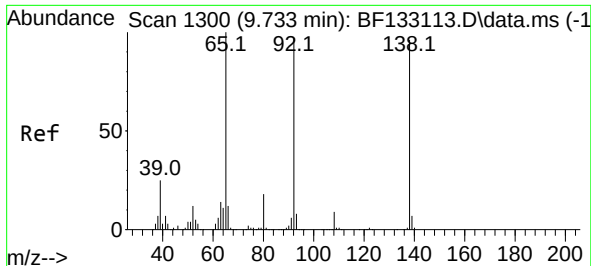
Tgt Ion:165 Resp: 281308
Ion Ratio Lower Upper
165 100
63 51.5 45.9 68.9
89 51.4 44.0 66.0



#52
Acenaphthene
Concen: 40.704 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

Tgt Ion:154 Resp: 1006391
Ion Ratio Lower Upper
154 100
153 110.8 89.0 133.6
152 51.8 40.4 60.6

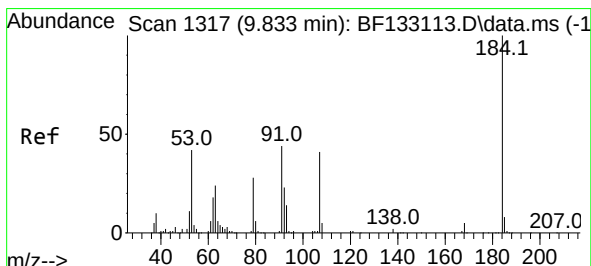
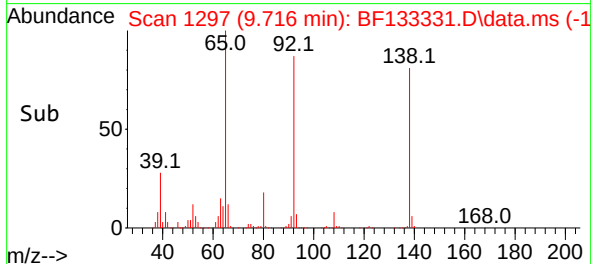
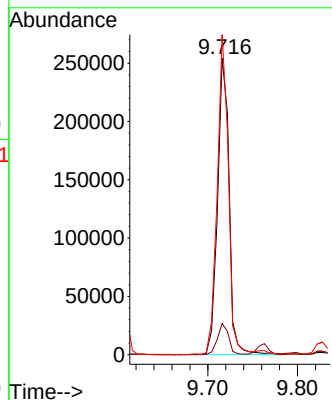
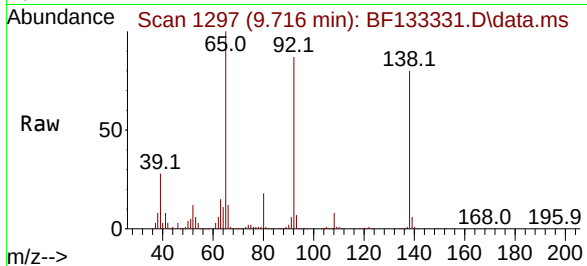




#53
3-Nitroaniline
Concen: 30.655 ng
RT: 9.716 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

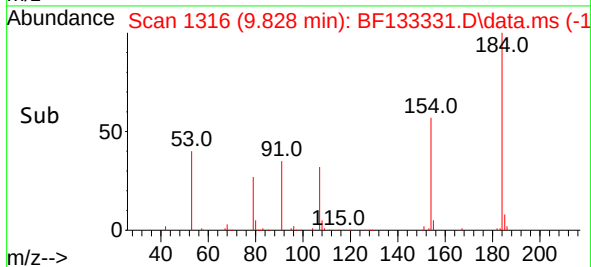
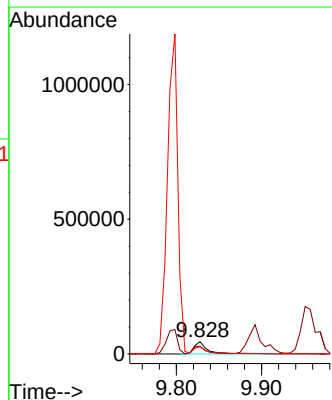
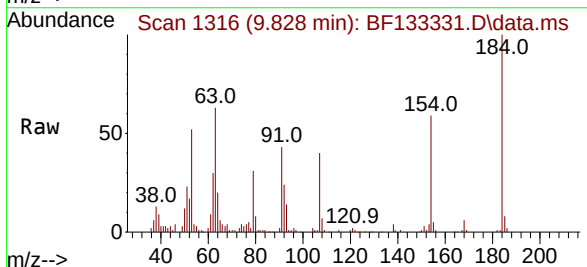
Instrument :
BNA_F
ClientSampleId :
SB-04_0-2_20230509MS

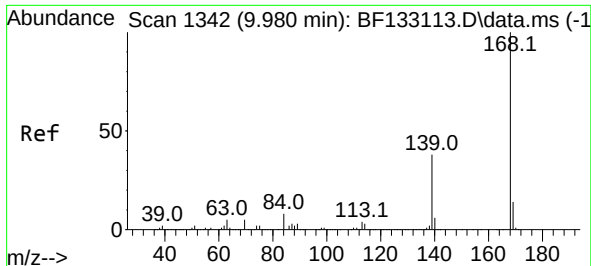
Tgt Ion:138 Resp: 227711
Ion Ratio Lower Upper
138 100
108 10.5 8.0 12.0
92 108.0 83.6 125.4



#54
2,4-Dinitrophenol
Concen: 16.101 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

Tgt Ion:184 Resp: 50561
Ion Ratio Lower Upper
184 100
63 62.7 49.8 74.8
154 58.6 49.5 74.3

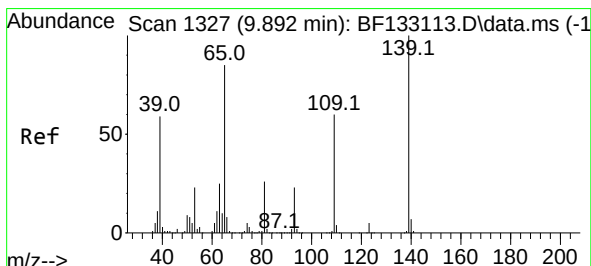
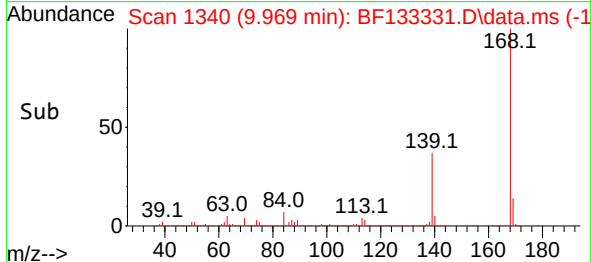
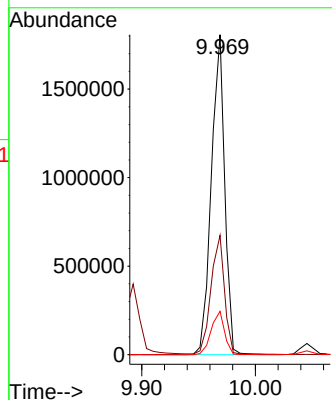
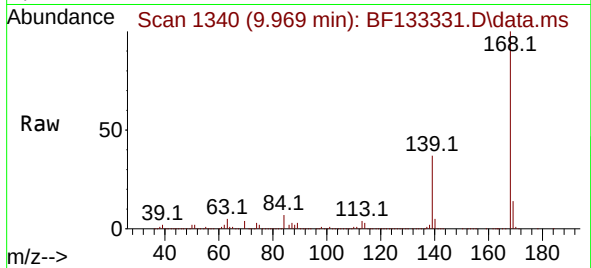




#55
Dibenzofuran
Concen: 43.694 ng
RT: 9.969 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

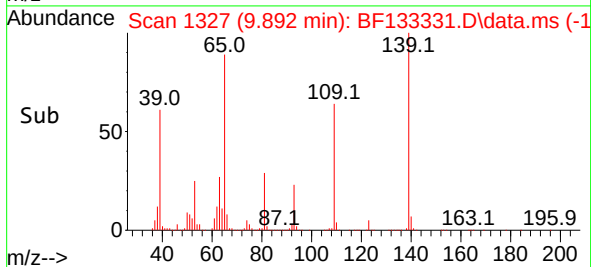
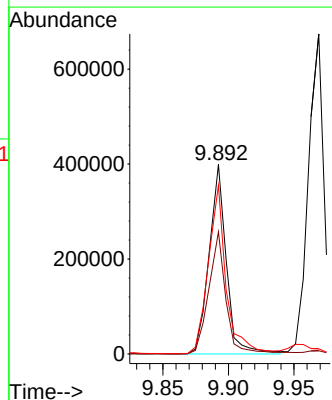
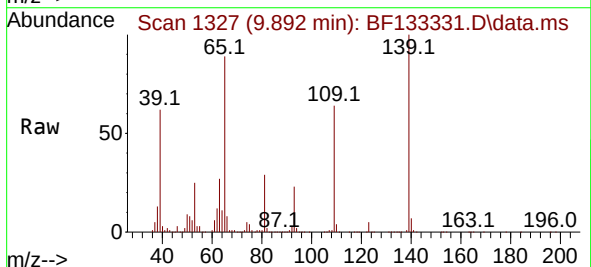
Instrument :
BNA_F
ClientSampleId :
SB-04_0-2_20230509MS

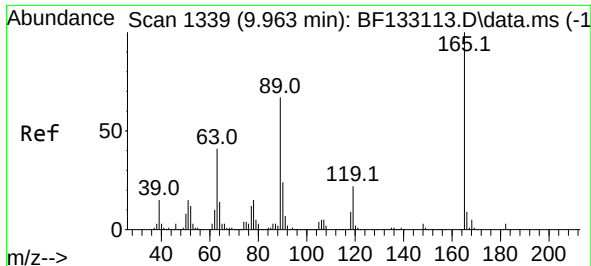
Tgt Ion:168 Resp: 1473663
Ion Ratio Lower Upper
168 100
139 37.3 29.8 44.8
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 63.583 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

Tgt Ion:139 Resp: 365813
Ion Ratio Lower Upper
139 100
109 64.4 39.4 79.4
65 89.0 57.5 97.5

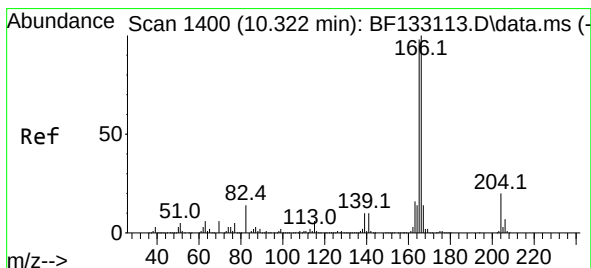
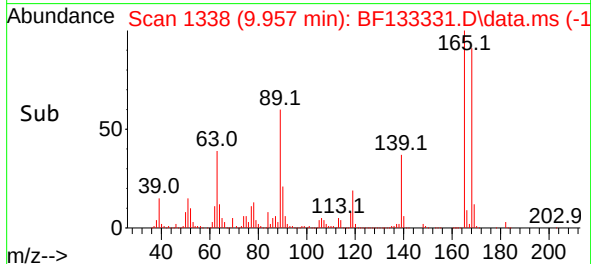
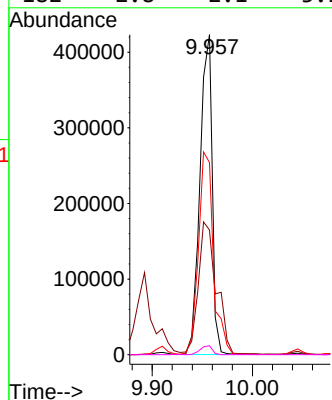
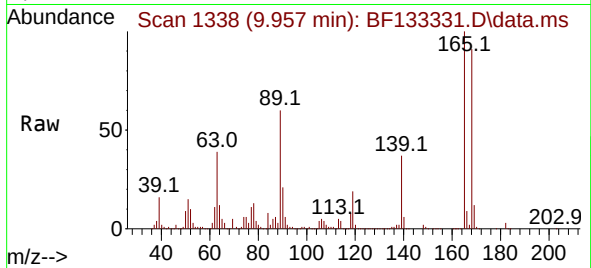




#57
2,4-Dinitrotoluene
Concen: 45.188 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

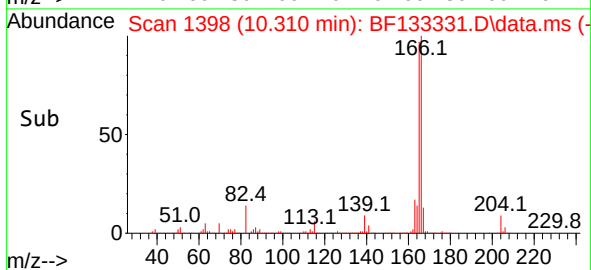
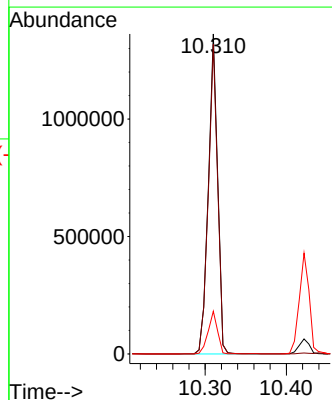
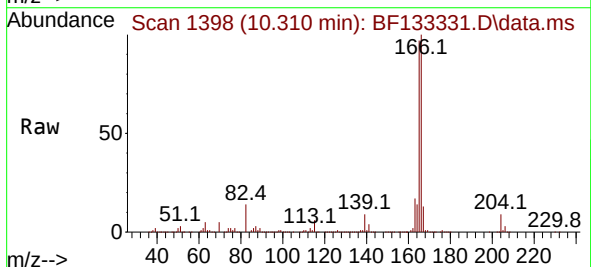
Instrument :
BNA_F
ClientSampleId :
SB-04_0-2_20230509MS

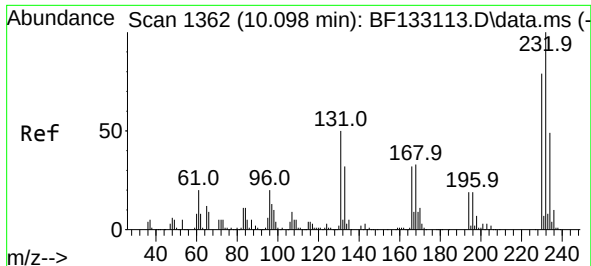
Tgt Ion:	165	Resp:	360020
Ion	Ratio	Lower	Upper
165	100		
63	39.0	37.7	56.5
89	60.1	57.0	85.4
182	2.8	2.1	3.1



#58
Fluorene
Concen: 43.665 ng
RT: 10.310 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

Tgt Ion:	166	Resp:	1078942
Ion	Ratio	Lower	Upper
166	100		
165	96.7	78.6	117.8
167	13.4	11.0	16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 34.016 ng

RT: 10.086 min Scan# 1360

Delta R.T. 0.000 min

Lab File: BF133331.D

Acq: 10 May 2023 15:26

Instrument :

BNA_F

ClientSampleId :

SB-04_0-2_20230509MS

Tgt Ion:232 Resp: 225748

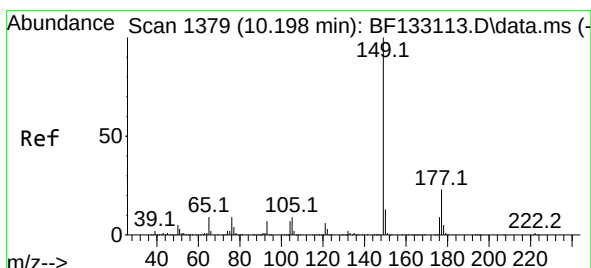
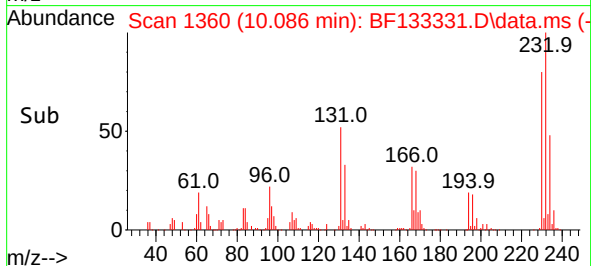
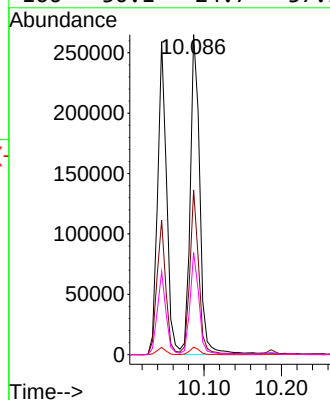
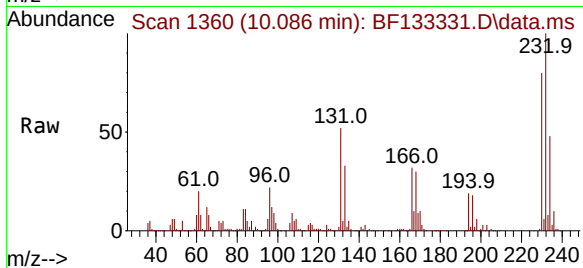
Ion Ratio Lower Upper

232 100

131 47.5 38.0 57.0

130 2.5 1.8 2.8

166 30.1 24.7 37.1



#60

Diethylphthalate

Concen: 43.060 ng

RT: 10.186 min Scan# 1377

Delta R.T. 0.000 min

Lab File: BF133331.D

Acq: 10 May 2023 15:26

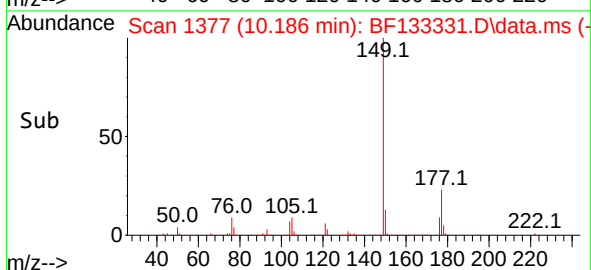
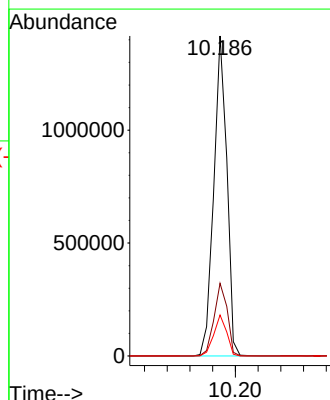
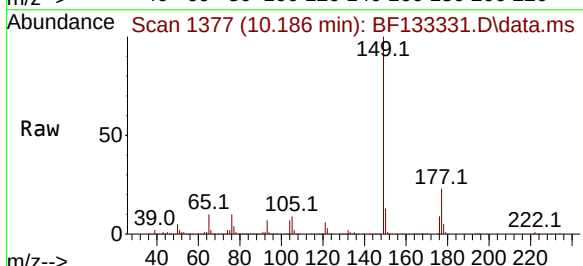
Tgt Ion:149 Resp: 1128934

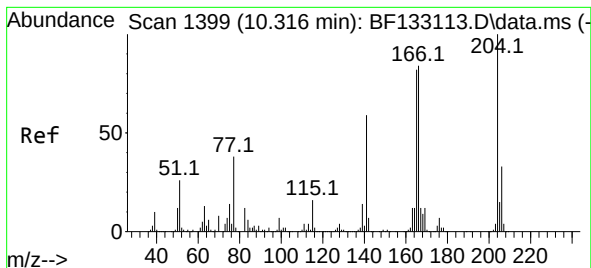
Ion Ratio Lower Upper

149 100

177 22.7 18.2 27.4

150 12.8 10.2 15.4

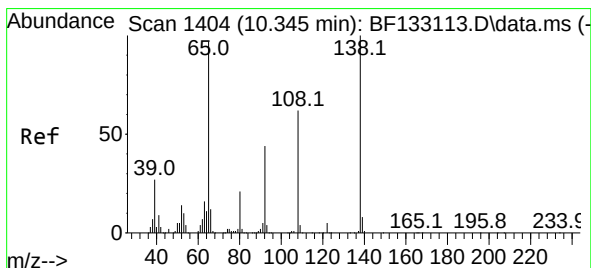
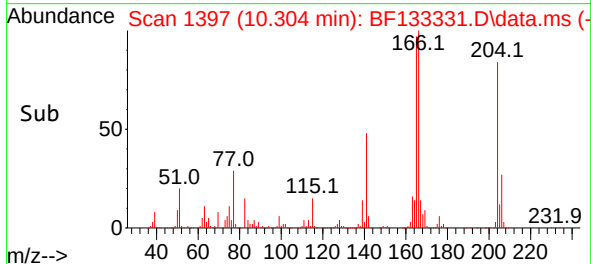
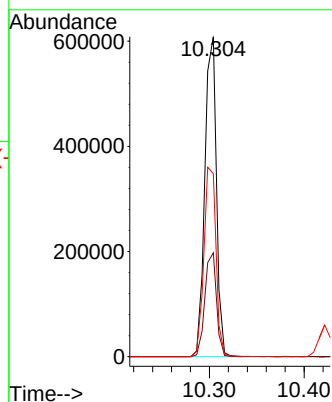
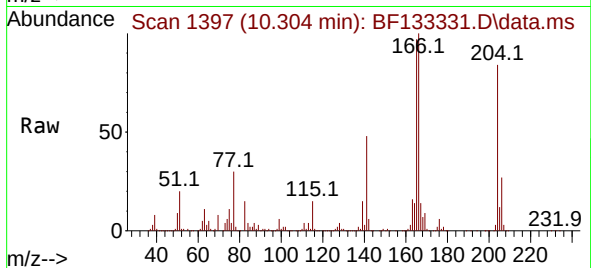




#61
4-Chlorophenyl-phenylether
Concen: 42.841 ng
RT: 10.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

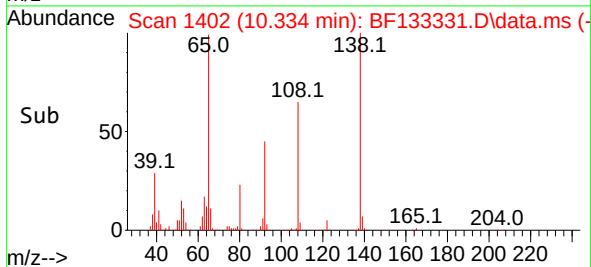
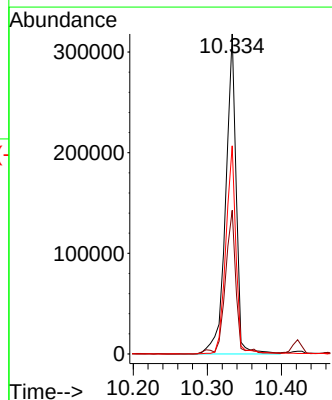
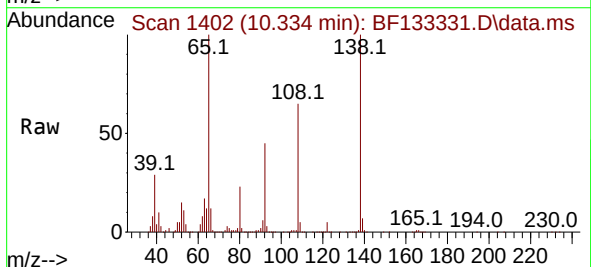
Instrument :
BNA_F
ClientSampleId :
SB-04_0-2_20230509MS

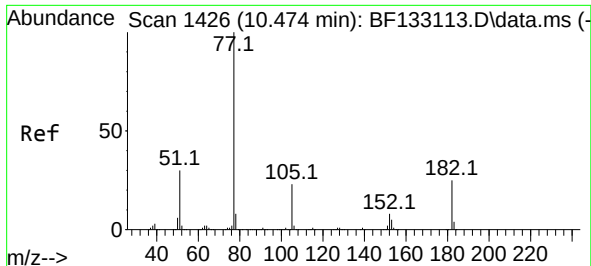
Tgt Ion:204 Resp: 515869
Ion Ratio Lower Upper
204 100
206 32.5 26.1 39.1
141 57.2 46.1 69.1



#62
4-Nitroaniline
Concen: 45.905 ng
RT: 10.334 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

Tgt Ion:138 Resp: 313404
Ion Ratio Lower Upper
138 100
92 44.9 27.7 67.7
108 65.0 45.2 85.2



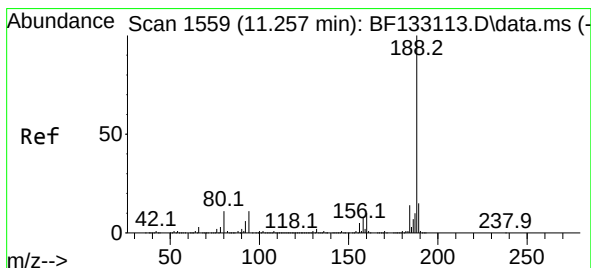
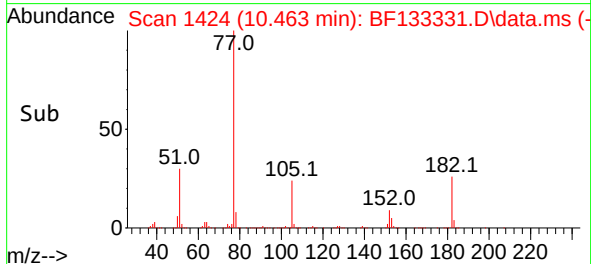
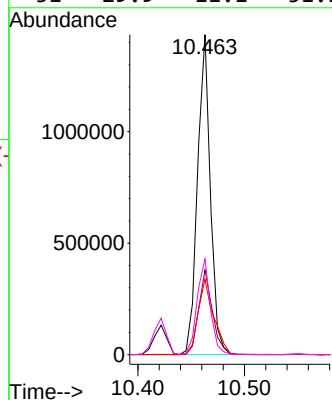
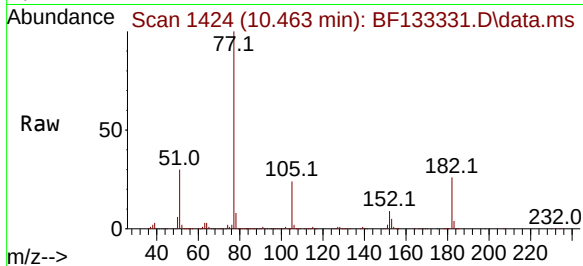


#63
Azobenzene
Concen: 43.407 ng
RT: 10.463 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

Instrument :
BNA_F
ClientSampleId :
SB-04_0-2_20230509MS

Tgt Ion: 77 Resp: 1205572

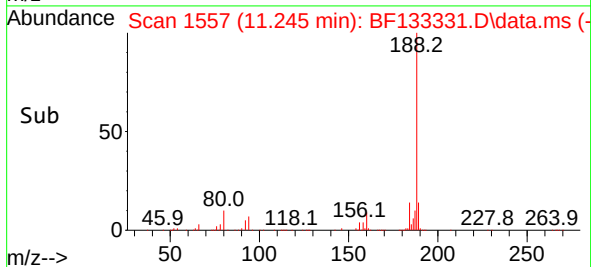
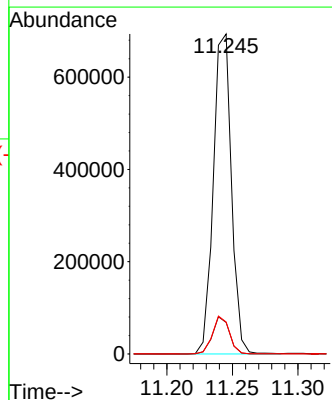
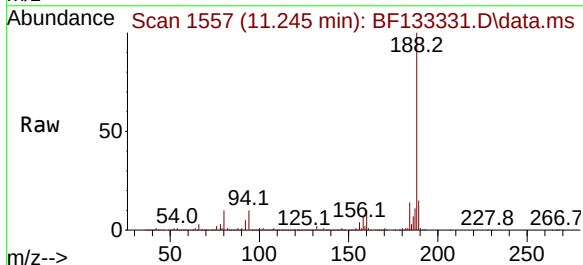
Ion	Ratio	Lower	Upper
77	100		
182	26.5	5.9	45.9
105	23.6	2.3	42.3
51	29.9	11.1	51.1

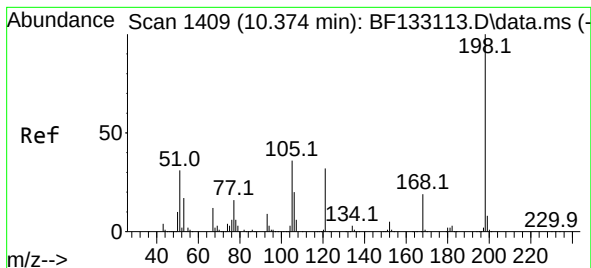


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 1557
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

Tgt Ion: 188 Resp: 665484

Ion	Ratio	Lower	Upper
188	100		
94	9.8	9.7	14.5
80	10.0	10.4	15.6

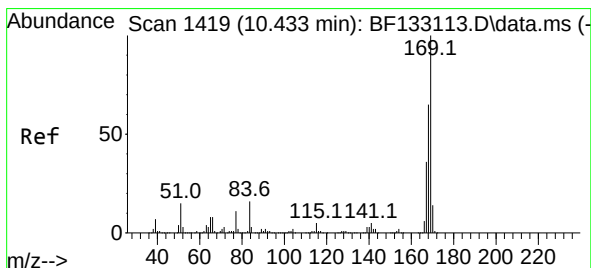
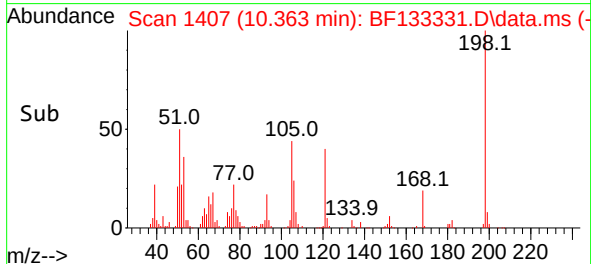
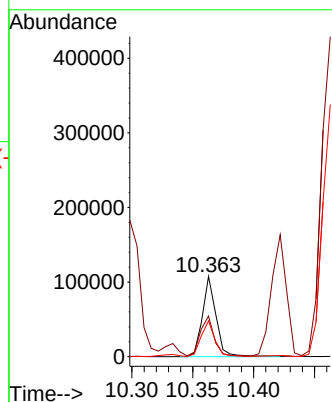
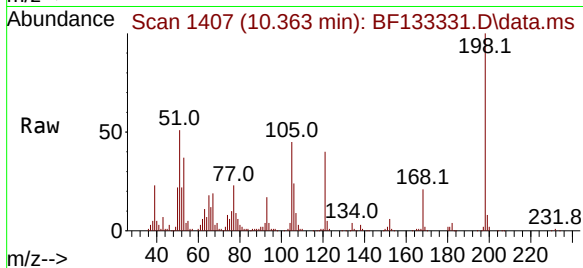




#65
4,6-Dinitro-2-methylphenol
Concen: 20.591 ng
RT: 10.363 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

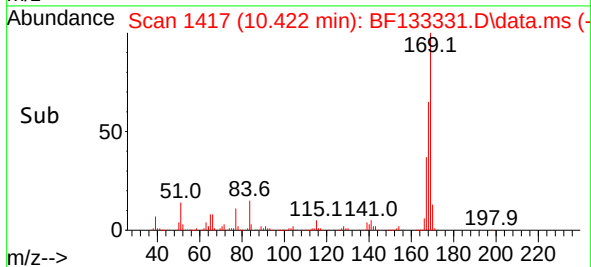
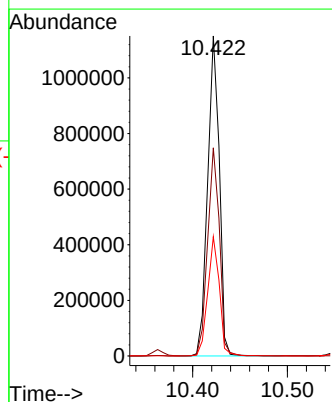
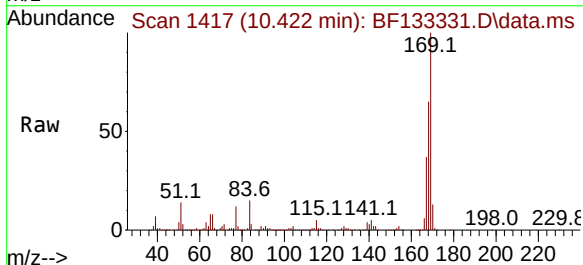
Instrument :
BNA_F
ClientSampleId :
SB-04_0-2_20230509MS

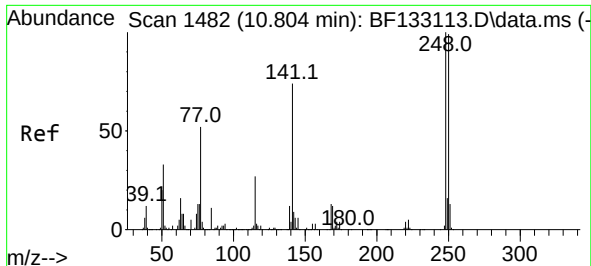
Tgt Ion:198 Resp: 83058
Ion Ratio Lower Upper
198 100
51 50.7 15.5 55.5
105 44.6 16.7 56.7



#66
n-Nitrosodiphenylamine
Concen: 45.486 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

Tgt Ion:169 Resp: 981896
Ion Ratio Lower Upper
169 100
168 65.1 53.8 80.8
167 37.3 29.7 44.5

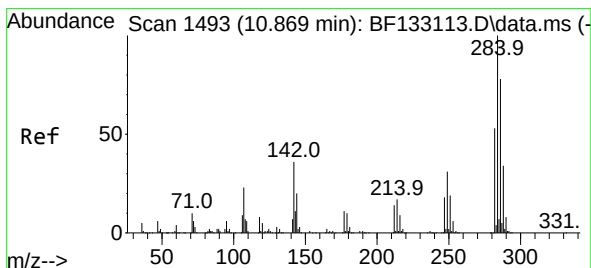
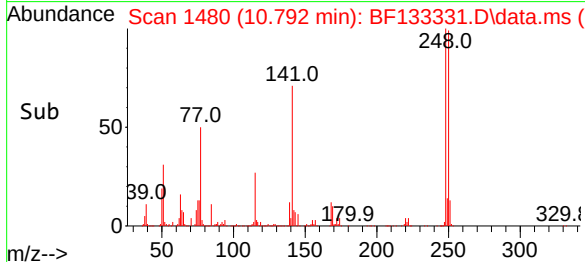
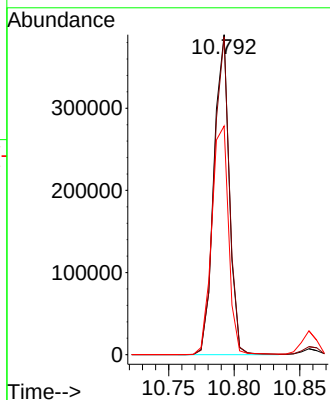
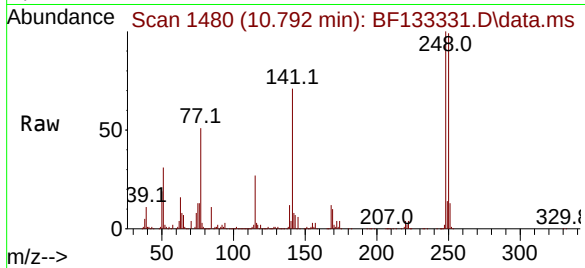




#67
4-Bromophenyl-phenylether
Concen: 43.987 ng
RT: 10.792 min Scan# 1480
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

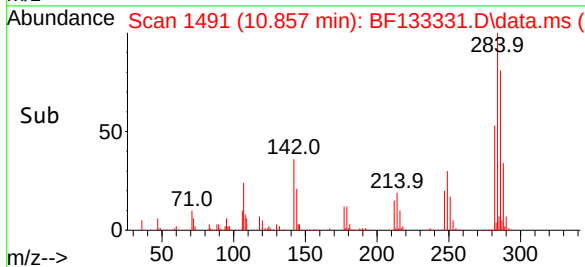
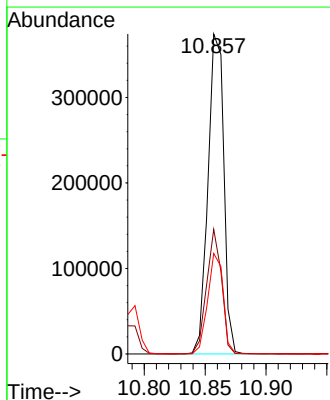
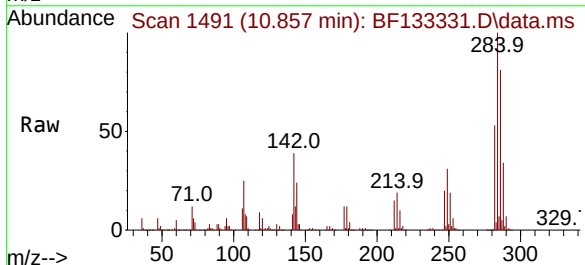
Instrument :
BNA_F
ClientSampleId :
SB-04_0-2_20230509MS

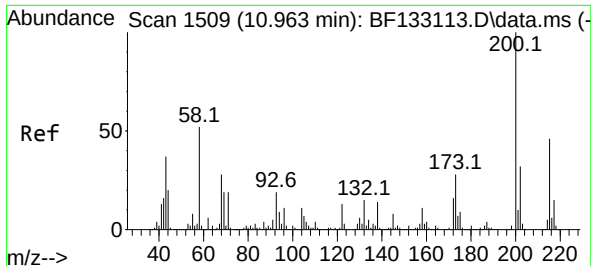
Tgt Ion:248 Resp: 317479
Ion Ratio Lower Upper
248 100
250 99.4 78.7 118.1
141 71.4 56.3 84.5



#68
Hexachlorobenzene
Concen: 45.886 ng
RT: 10.857 min Scan# 1491
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

Tgt Ion:284 Resp: 339358
Ion Ratio Lower Upper
284 100
142 39.0 26.0 39.0
249 31.4 23.7 35.5

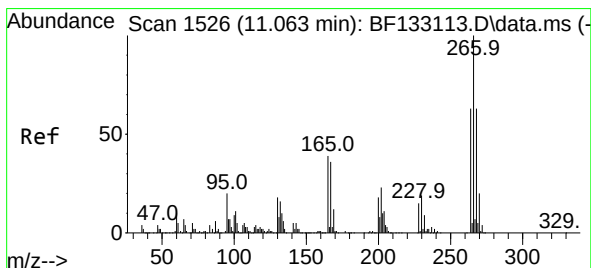
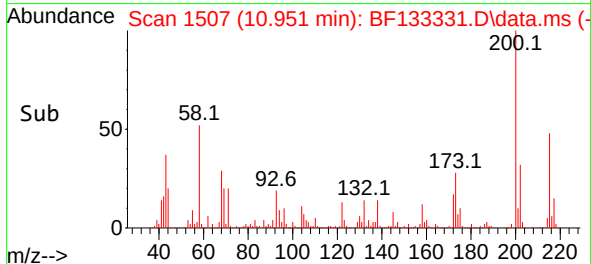
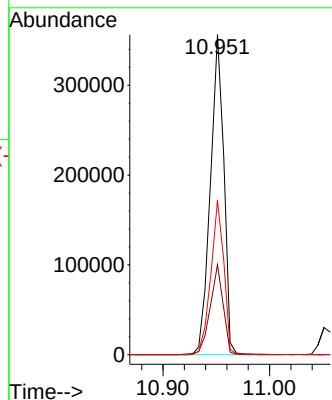
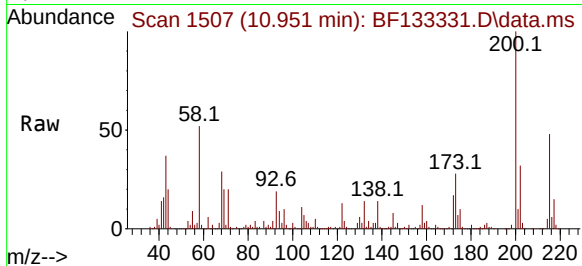




#69
Atrazine
Concen: 50.315 ng
RT: 10.951 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

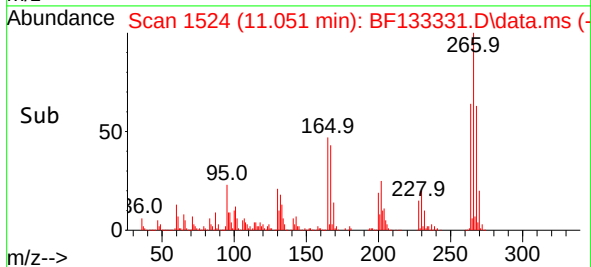
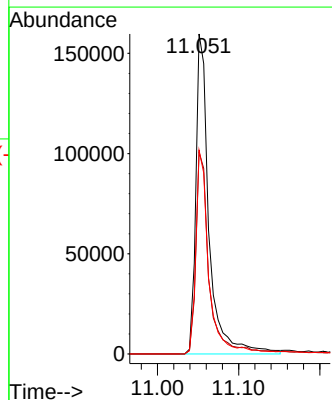
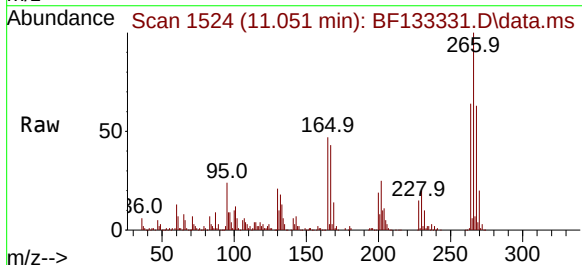
Instrument :
BNA_F
ClientSampleId :
SB-04_0-2_20230509MS

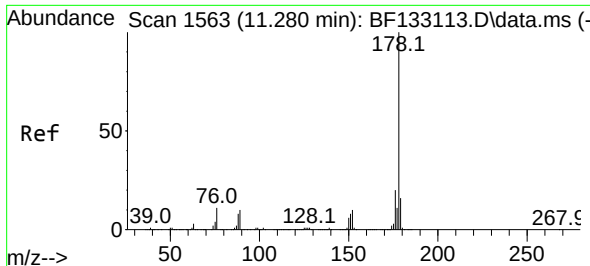
Tgt Ion:200 Resp: 312961
Ion Ratio Lower Upper
200 100
173 28.1 6.2 46.2
215 48.3 26.3 66.3



#70
Pentachlorophenol
Concen: 34.520 ng
RT: 11.051 min Scan# 1524
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

Tgt Ion:266 Resp: 181825
Ion Ratio Lower Upper
266 100
268 63.1 48.8 73.2
264 63.7 50.6 76.0

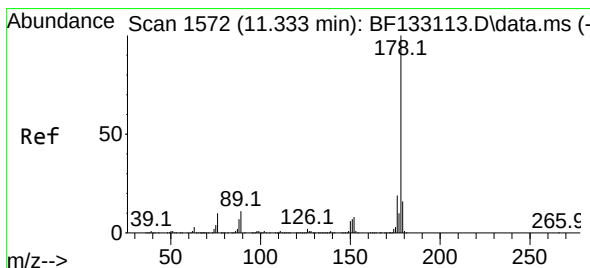
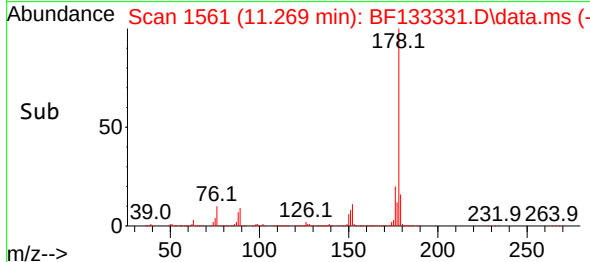
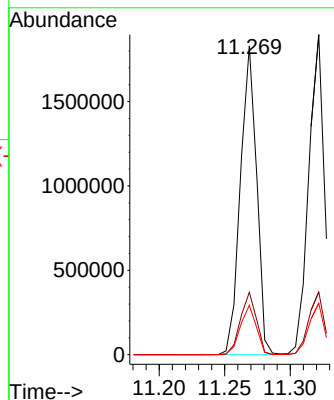
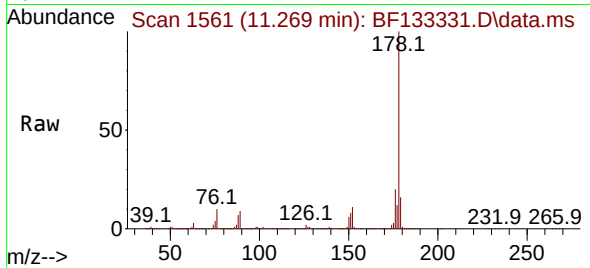




#71
Phenanthrene
Concen: 44.197 ng
RT: 11.269 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

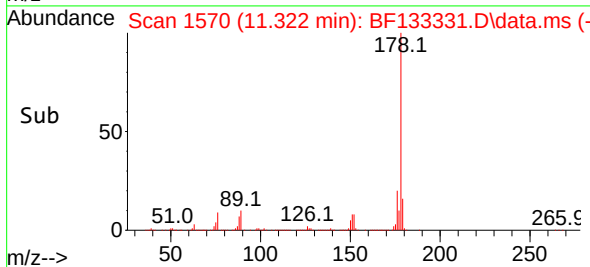
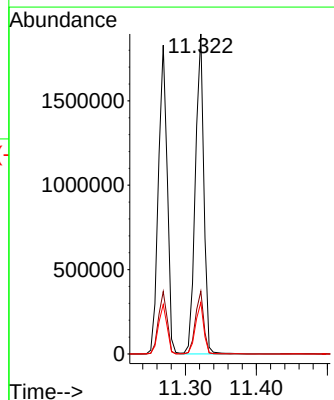
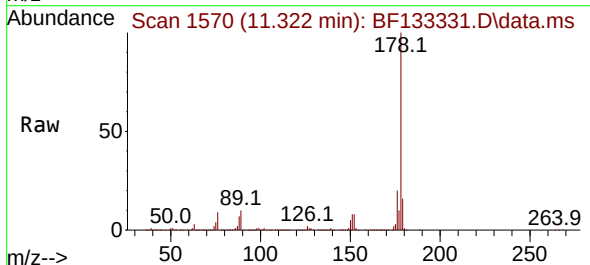
Instrument :
BNA_F
ClientSampleId :
SB-04_0-2_20230509MS

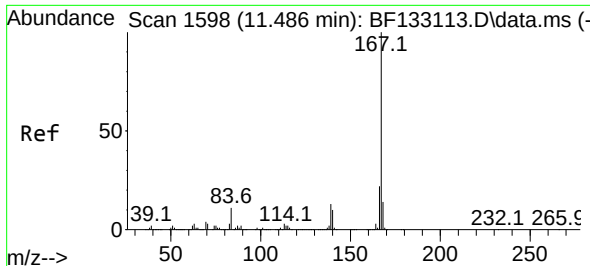
Tgt Ion:178 Resp: 1580829
Ion Ratio Lower Upper
178 100
176 20.2 15.9 23.9
179 16.0 12.5 18.7



#72
Anthracene
Concen: 43.236 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

Tgt Ion:178 Resp: 1582639
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.0
179 16.1 12.4 18.6

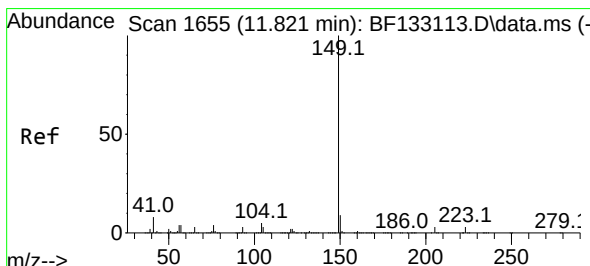
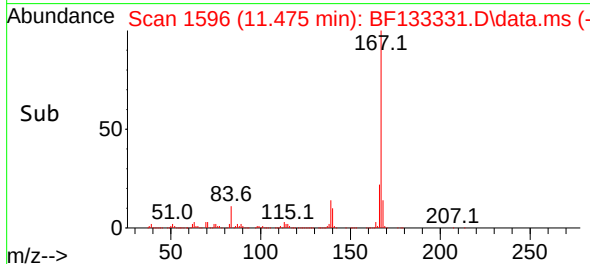
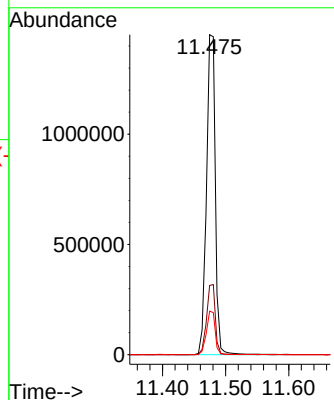
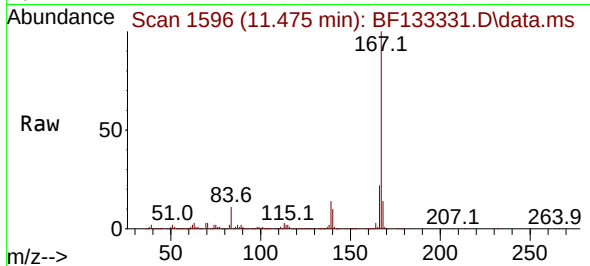




#73
 Carbazole
 Concen: 43.373 ng
 RT: 11.475 min Scan# 1596
 Delta R.T. 0.000 min
 Lab File: BF133331.D
 Acq: 10 May 2023 15:26

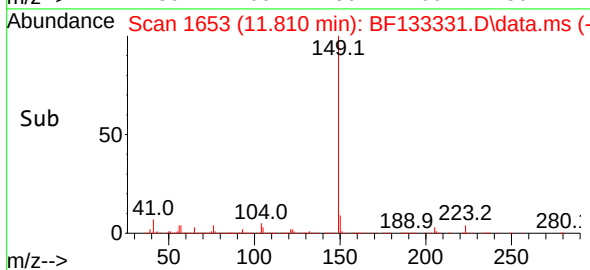
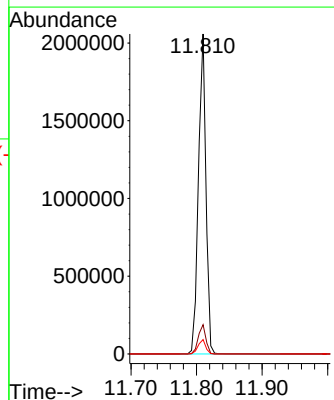
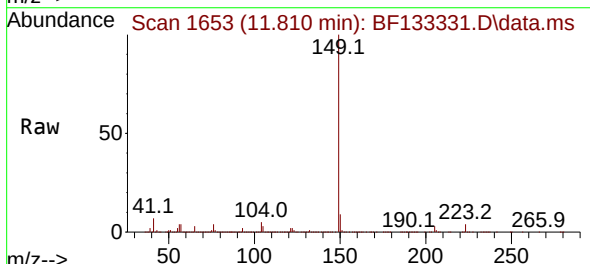
Instrument :
 BNA_F
 ClientSampleId :
 SB-04_0-2_20230509MS

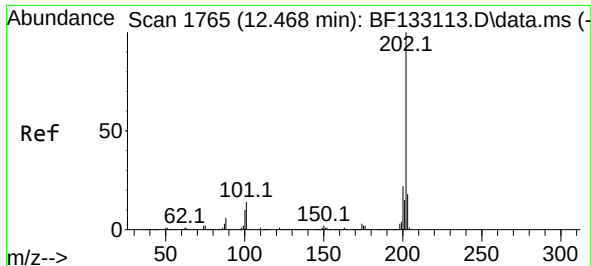
Tgt Ion:167 Resp: 1413689
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.0
 139 13.6 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 44.336 ng
 RT: 11.810 min Scan# 1653
 Delta R.T. 0.000 min
 Lab File: BF133331.D
 Acq: 10 May 2023 15:26

Tgt Ion:149 Resp: 1635332
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.6 11.4
 104 4.5 4.0 6.0

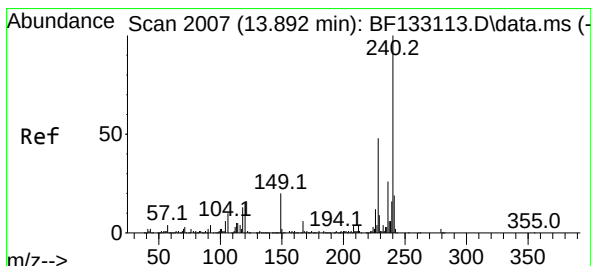
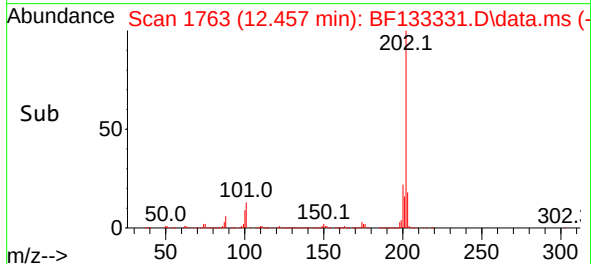
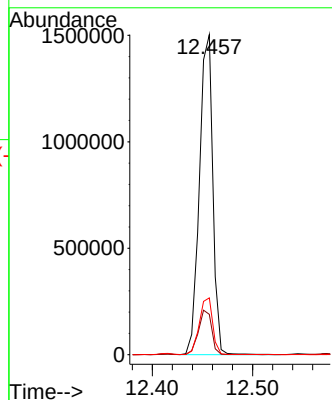
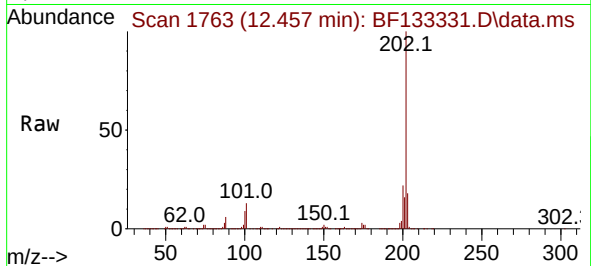




#75
Fluoranthene
Concen: 39.028 ng
RT: 12.457 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

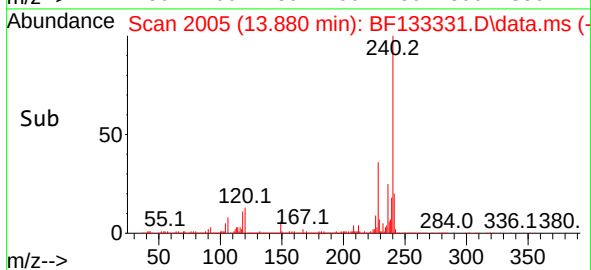
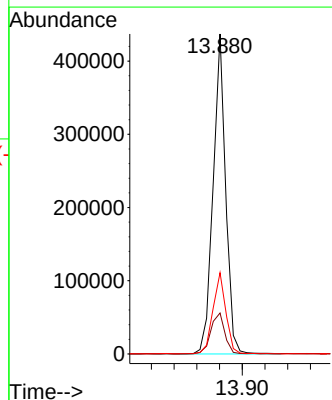
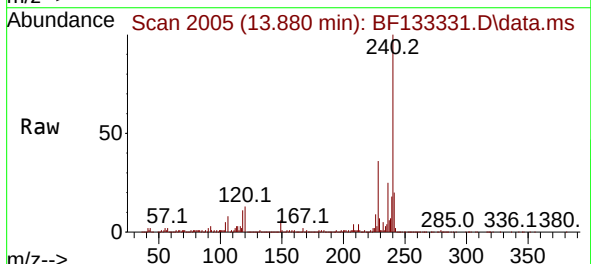
Instrument :
BNA_F
ClientSampleId :
SB-04_0-2_20230509MS

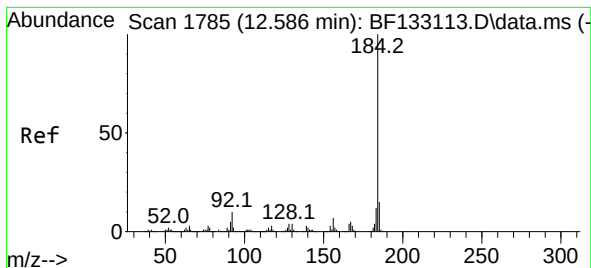
Tgt Ion:202 Resp: 1401000
Ion Ratio Lower Upper
202 100
101 12.6 0.0 35.3
203 17.8 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

Tgt Ion:240 Resp: 334651
Ion Ratio Lower Upper
240 100
120 12.8 10.5 15.7
236 25.4 21.5 32.3





#77

Benzidine

Concen: 111.620 ng

RT: 12.580 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF133331.D

Acq: 10 May 2023 15:26

Instrument :

BNA_F

ClientSampleId :

SB-04_0-2_20230509MS

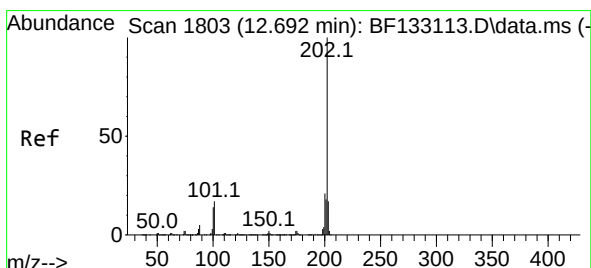
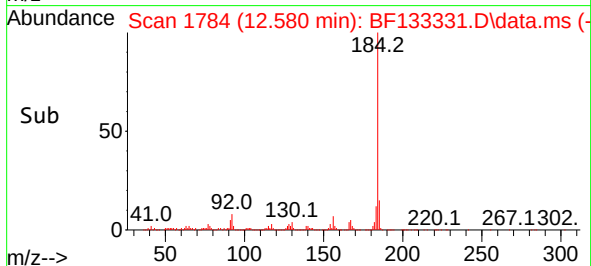
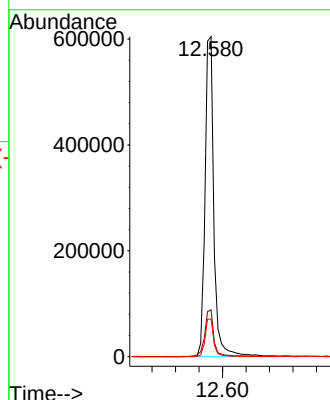
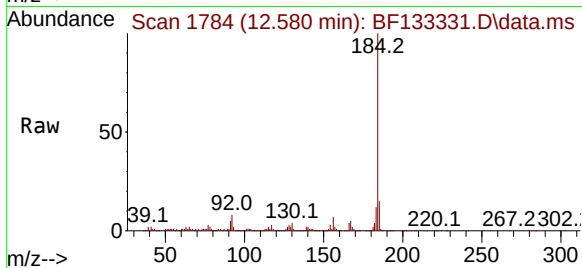
Tgt Ion:184 Resp: 631673

Ion Ratio Lower Upper

184 100

185 14.6 15.4 23.2#

183 11.8 9.4 14.0



#78

Pyrene

Concen: 48.808 ng

RT: 12.680 min Scan# 1801

Delta R.T. 0.000 min

Lab File: BF133331.D

Acq: 10 May 2023 15:26

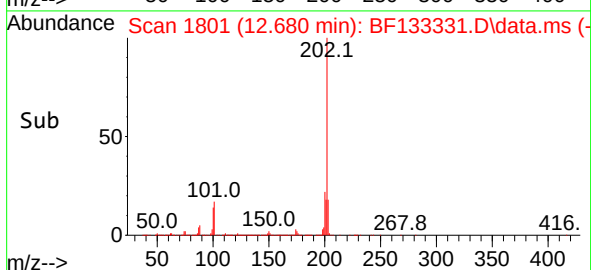
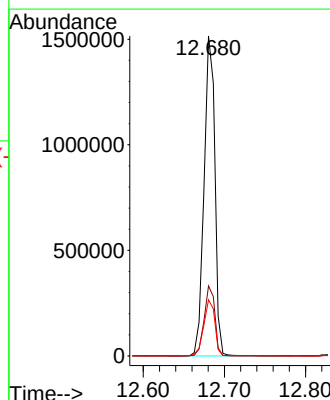
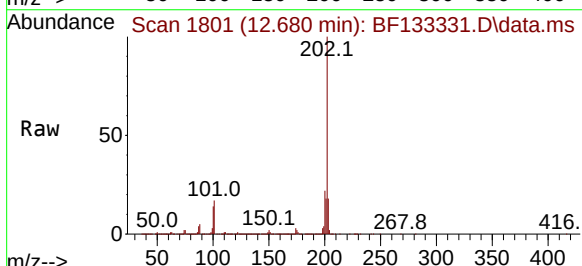
Tgt Ion:202 Resp: 1400174

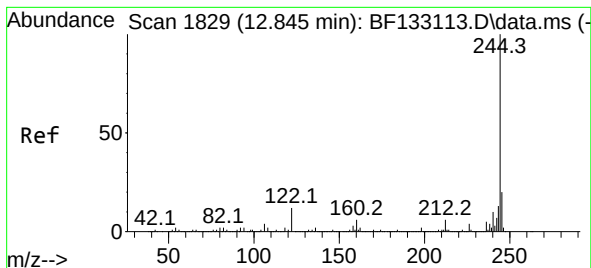
Ion Ratio Lower Upper

202 100

200 21.9 17.1 25.7

203 17.6 14.1 21.1





#79

Terphenyl-d14

Concen: 85.588 ng

RT: 12.827 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133331.D

Acq: 10 May 2023 15:26

Instrument :

BNA_F

ClientSampleId :

SB-04_0-2_20230509MS

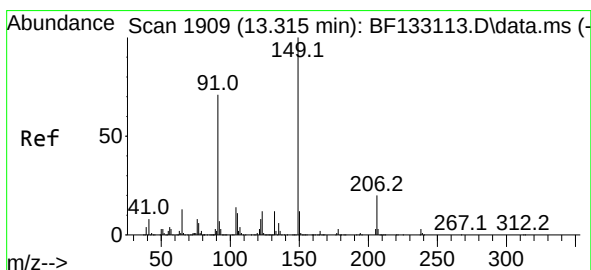
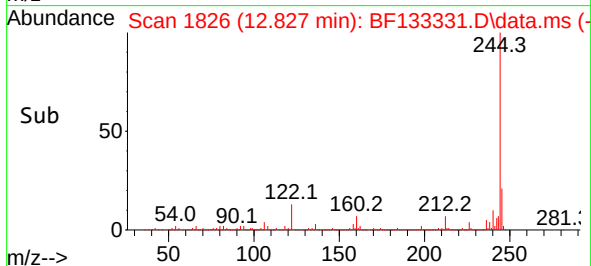
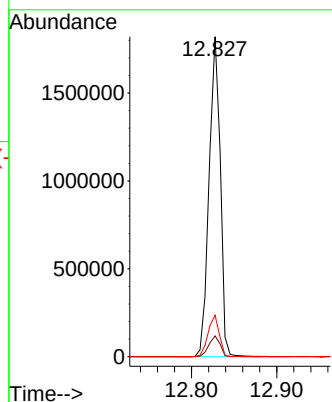
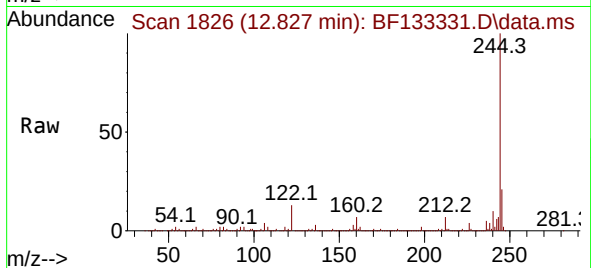
Tgt Ion:244 Resp: 1660734

Ion Ratio Lower Upper

244 100

212 6.5 5.1 7.7

122 12.9 8.6 13.0



#80

Butylbenzylphthalate

Concen: 53.859 ng

RT: 13.304 min Scan# 1907

Delta R.T. 0.000 min

Lab File: BF133331.D

Acq: 10 May 2023 15:26

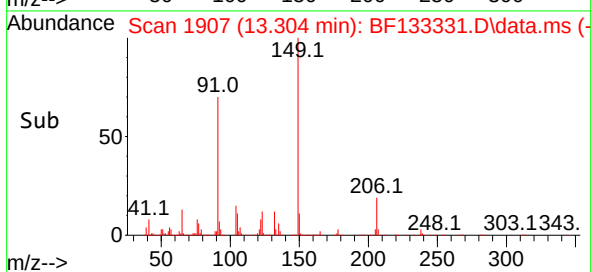
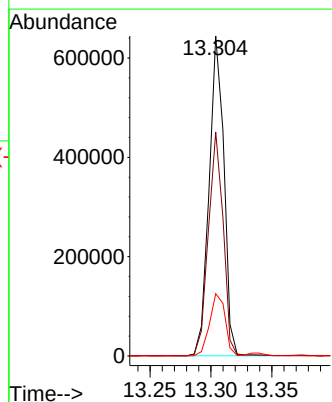
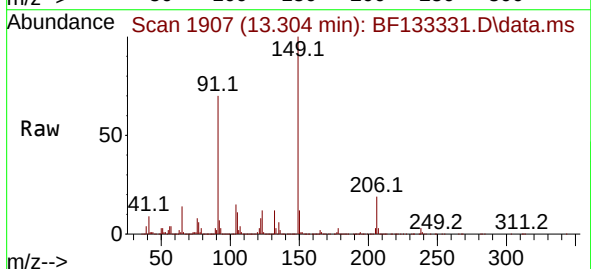
Tgt Ion:149 Resp: 547065

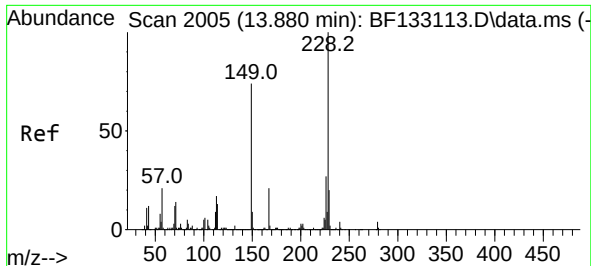
Ion Ratio Lower Upper

149 100

91 70.0 53.8 80.6

206 19.5 17.5 26.3

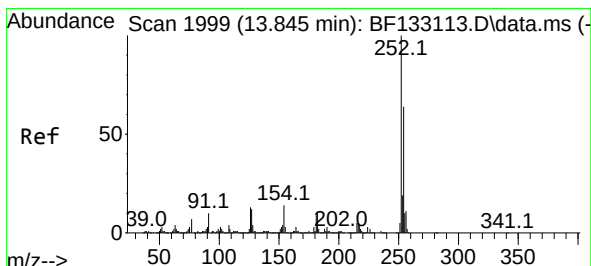
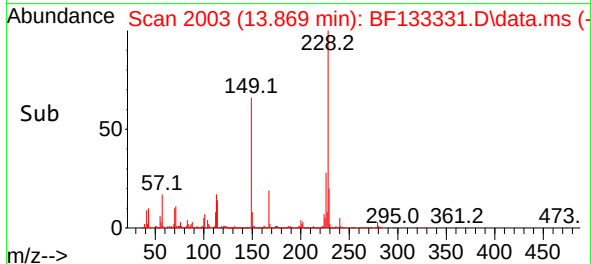
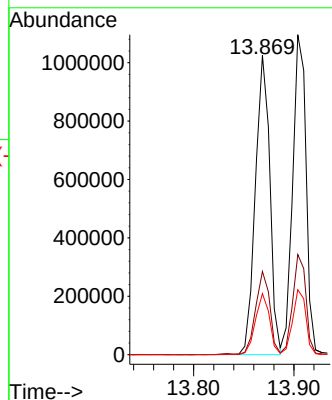
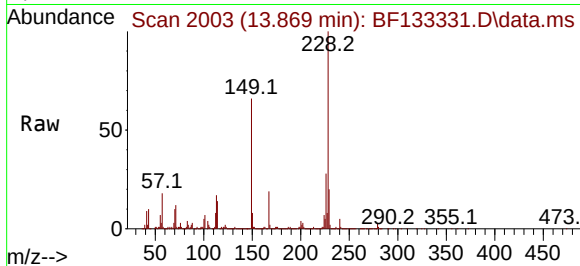




#81
Benzo(a)anthracene
Concen: 44.574 ng
RT: 13.869 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

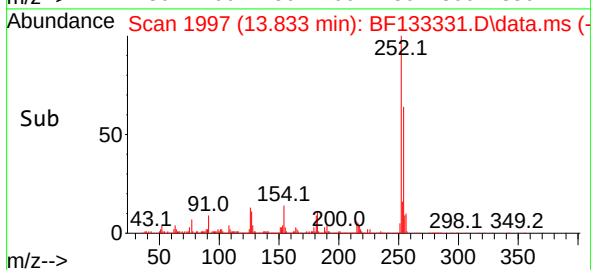
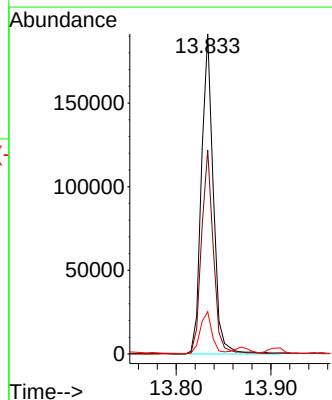
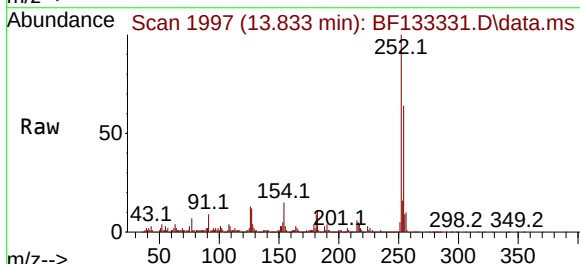
Instrument :
BNA_F
ClientSampleId :
SB-04_0-2_20230509MS

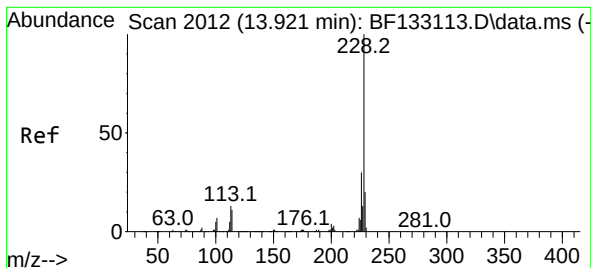
Tgt Ion:228 Resp: 1025779
Ion Ratio Lower Upper
228 100
226 27.8 22.2 33.4
229 20.4 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 26.381 ng
RT: 13.833 min Scan# 1997
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

Tgt Ion:252 Resp: 167710
Ion Ratio Lower Upper
252 100
254 63.8 51.5 77.3
126 13.2 9.5 14.3





#83

Chrysene

Concen: 44.213 ng

RT: 13.904 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF133331.D

Acq: 10 May 2023 15:26

Instrument :

BNA_F

ClientSampleId :

SB-04_0-2_20230509MS

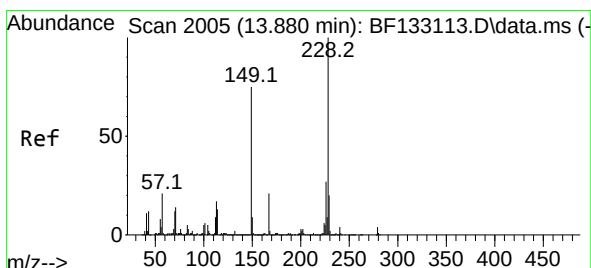
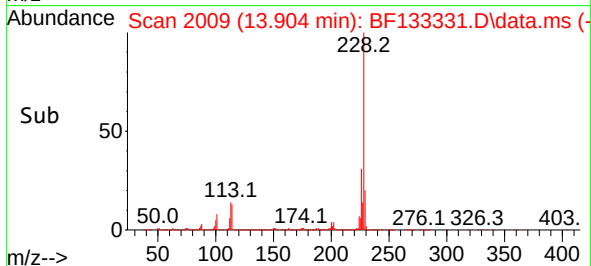
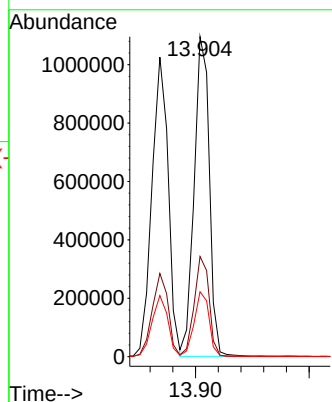
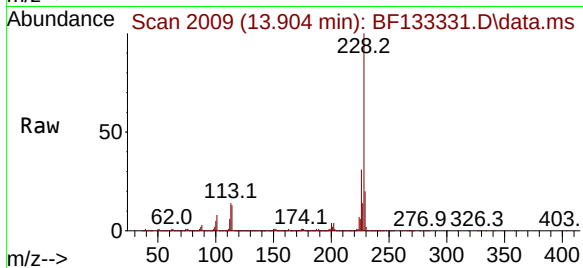
Tgt Ion:228 Resp: 1017211

Ion Ratio Lower Upper

228 100

226 31.3 24.7 37.1

229 20.3 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.244 ng

RT: 13.869 min Scan# 2003

Delta R.T. 0.000 min

Lab File: BF133331.D

Acq: 10 May 2023 15:26

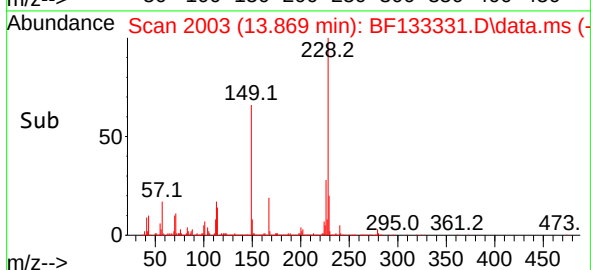
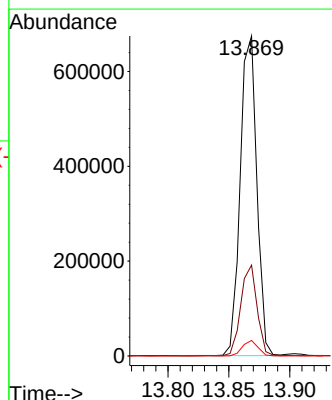
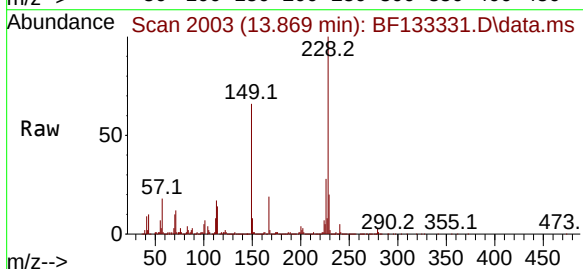
Tgt Ion:149 Resp: 640588

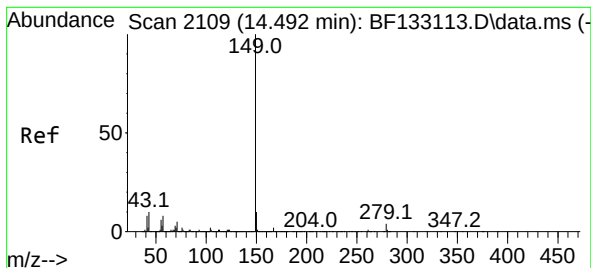
Ion Ratio Lower Upper

149 100

167 28.4 22.5 33.7

279 4.8 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 60.852 ng

RT: 14.480 min Scan# 2109

Delta R.T. 0.000 min

Lab File: BF133331.D

Acq: 10 May 2023 15:26

Instrument :

BNA_F

ClientSampleId :

SB-04_0-2_20230509MS

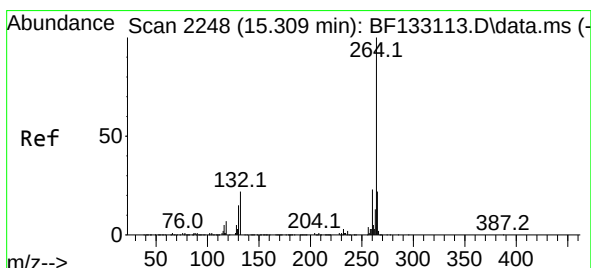
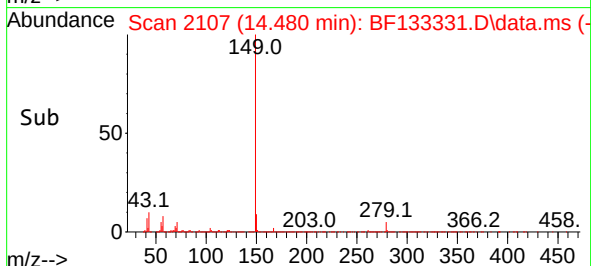
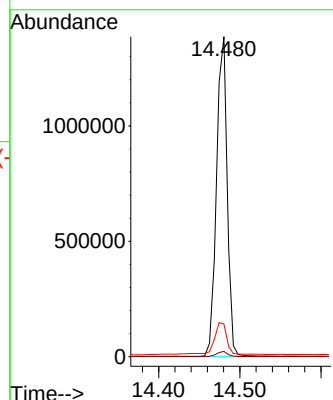
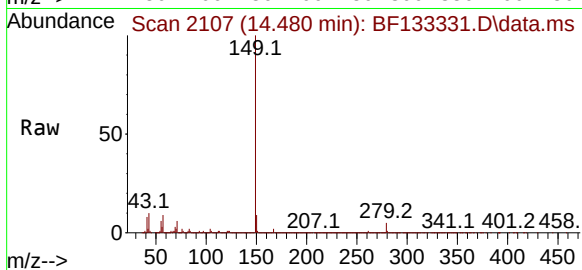
Tgt Ion:149 Resp: 1265034

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 13.3 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.298 min Scan# 2246

Delta R.T. 0.006 min

Lab File: BF133331.D

Acq: 10 May 2023 15:26

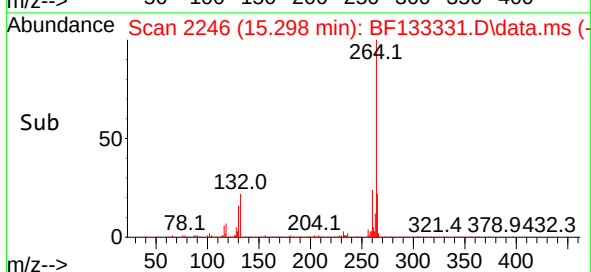
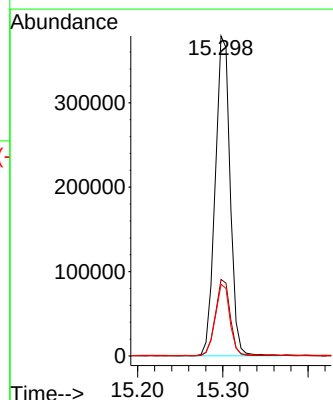
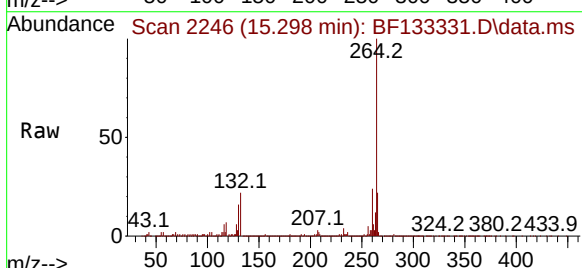
Tgt Ion:264 Resp: 462458

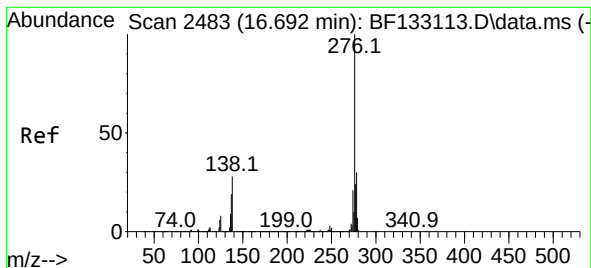
Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 22.4 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 59.297 ng

RT: 16.692 min Scan# 2483

Delta R.T. 0.018 min

Lab File: BF133331.D

Acq: 10 May 2023 15:26

Instrument :

BNA_F

ClientSampleId :

SB-04_0-2_20230509MS

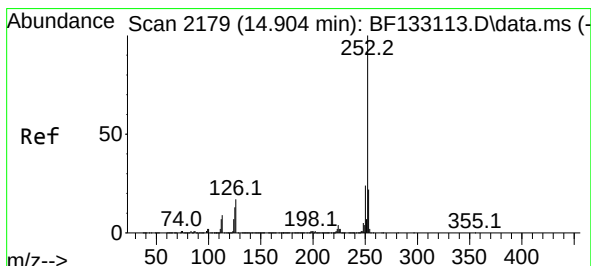
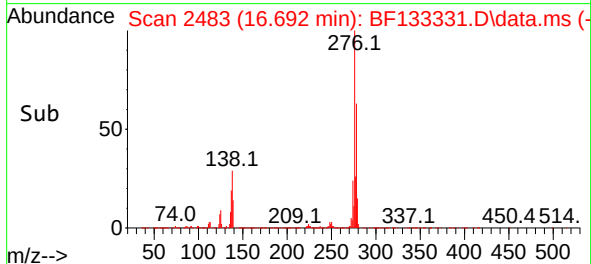
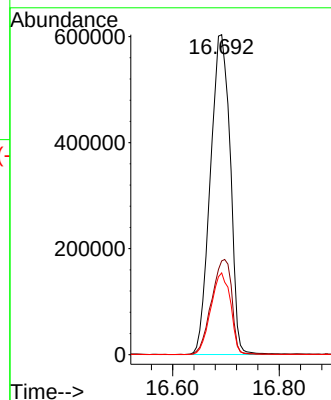
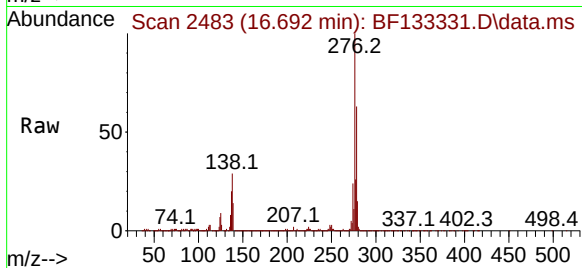
Tgt Ion:276 Resp: 1559828

Ion Ratio Lower Upper

276 100

138 30.4 25.5 38.3

277 25.3 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 41.993 ng

RT: 14.898 min Scan# 2178

Delta R.T. 0.006 min

Lab File: BF133331.D

Acq: 10 May 2023 15:26

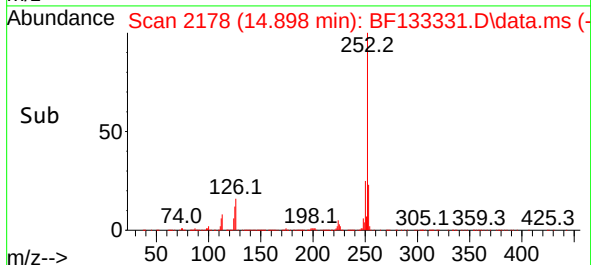
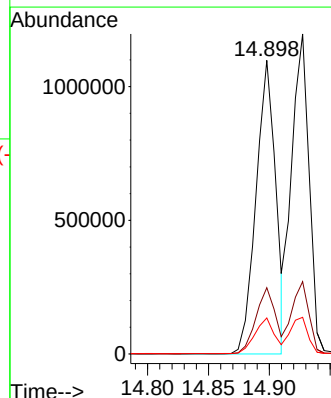
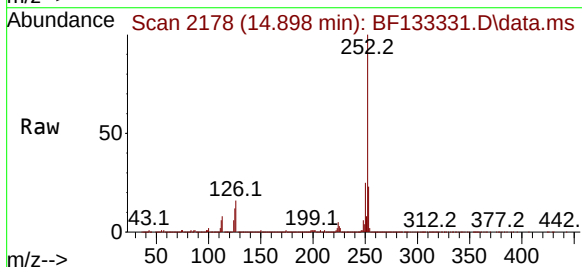
Tgt Ion:252 Resp: 1235482

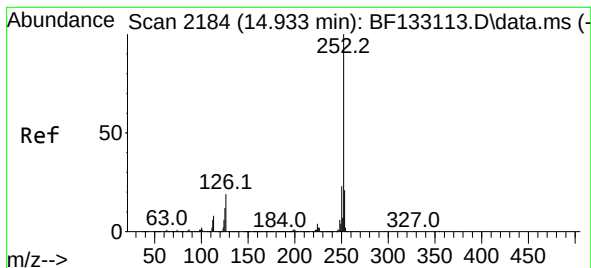
Ion Ratio Lower Upper

252 100

253 22.6 17.6 26.4

125 12.3 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 40.843 ng

RT: 14.927 min Scan# 2183

Delta R.T. 0.006 min

Lab File: BF133331.D

Acq: 10 May 2023 15:26

Instrument :

BNA_F

ClientSampleId :

SB-04_0-2_20230509MS

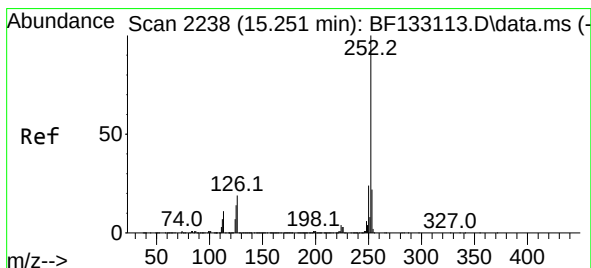
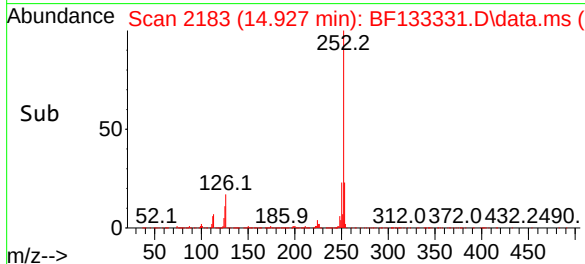
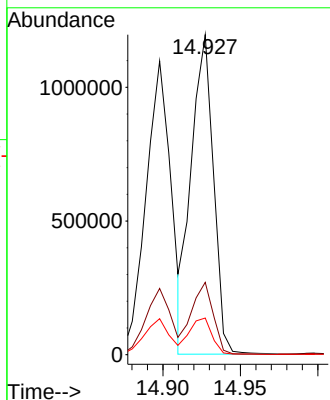
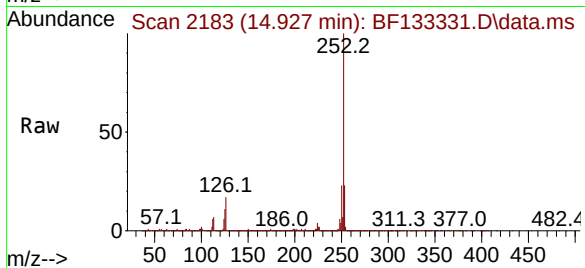
Tgt Ion:252 Resp: 1191162

Ion Ratio Lower Upper

252 100

253 22.6 17.7 26.5

125 11.4 9.0 13.4



#90

Benzo(a)pyrene

Concen: 42.912 ng

RT: 15.245 min Scan# 2237

Delta R.T. 0.006 min

Lab File: BF133331.D

Acq: 10 May 2023 15:26

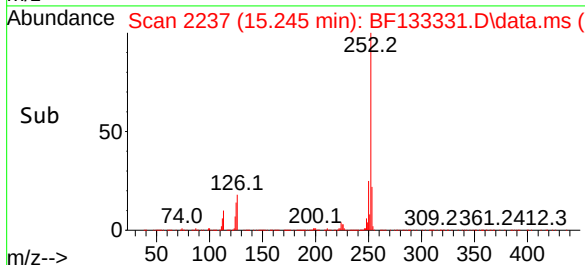
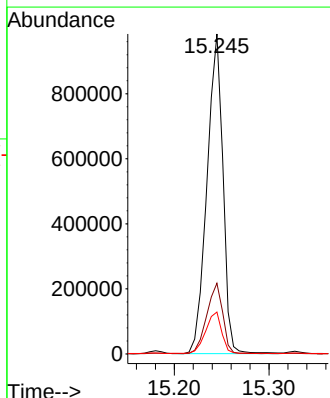
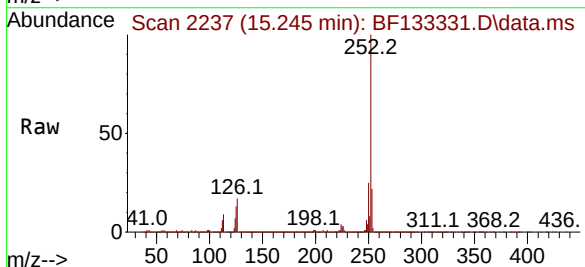
Tgt Ion:252 Resp: 1149159

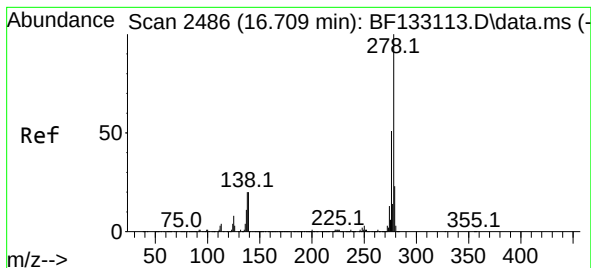
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 13.1 10.5 15.7





#91

Dibenzo(a,h)anthracene

Concen: 58.642 ng

RT: 16.710 min Scan# 2486

Delta R.T. 0.018 min

Lab File: BF133331.D

Acq: 10 May 2023 15:26

Instrument :

BNA_F

ClientSampleId :

SB-04_0-2_20230509MS

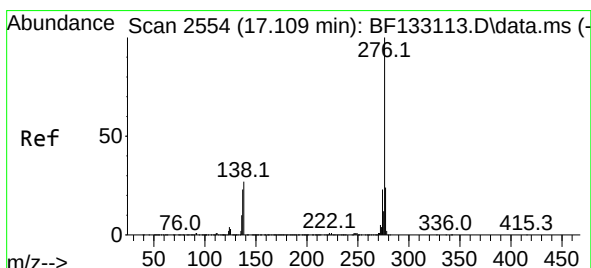
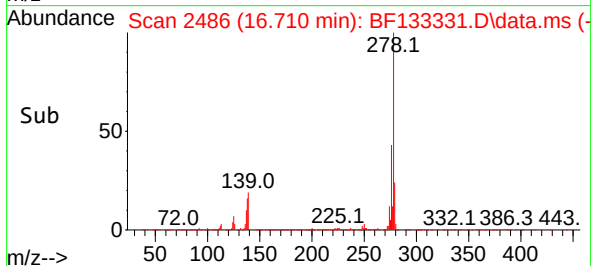
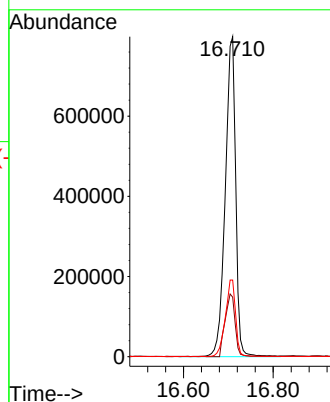
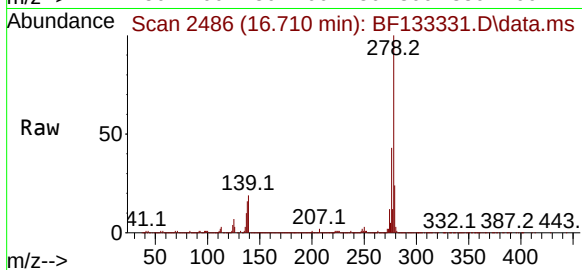
Tgt Ion:278 Resp: 1286612

Ion Ratio Lower Upper

278 100

139 18.6 16.6 24.8

279 24.0 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 59.973 ng

RT: 17.110 min Scan# 2554

Delta R.T. 0.024 min

Lab File: BF133331.D

Acq: 10 May 2023 15:26

Tgt Ion:276 Resp: 1299045

Ion Ratio Lower Upper

276 100

277 23.4 19.4 29.0

138 26.6 22.7 34.1

