

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
 Data File : BF133235.D
 Acq On : 04 May 2023 17:31
 Operator : CG\JU
 Sample : 02604-01MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TF-1MS

Quant Time: May 04 18:13:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 04 12:22:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	201664	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	828206	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	430546	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	763430	20.000	ng	0.00
76) Chrysene-d12	13.880	240	342932	20.000	ng	0.00
86) Perylene-d12	15.298	264	409673	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	1269427	95.089	ng	0.01
7) Phenol-d6	6.375	99	1587927	95.832	ng	0.00
23) Nitrobenzene-d5	7.292	82	970774	63.268	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	409136	94.489	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1706060	66.293	ng	0.00
79) Terphenyl-d14	12.833	244	1796131	90.331	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.463	88	270769	43.728	ng	98
3) Pyridine	3.157	79	688586	41.869	ng	97
4) n-Nitrosodimethylamine	3.122	42	386568	45.379	ng	99
6) Aniline	6.392	93	771130	36.133	ng	# 84
8) 2-Chlorophenol	6.516	128	663831	48.975	ng	93
9) Benzaldehyde	6.269	77	369081	54.586	ng	99
10) Phenol	6.386	94	797991	43.655	ng	76
11) bis(2-Chloroethyl)ether	6.463	93	623873	45.481	ng	99
12) 1,3-Dichlorobenzene	6.669	146	686900	47.665	ng	99
13) 1,4-Dichlorobenzene	6.745	146	696557	48.229	ng	98
14) 1,2-Dichlorobenzene	6.898	146	671865	50.458	ng	98
15) Benzyl Alcohol	6.875	79	558848	48.825	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.010	45	1025021	43.023	ng	97
17) 2-Methylphenol	6.992	107	548644	44.204	ng	99
18) Hexachloroethane	7.239	117	243515	48.496	ng	94
19) n-Nitroso-di-n-propyla...	7.151	70	423844	41.087	ng	97
20) 3+4-Methylphenols	7.145	107	637868	43.640	ng	93
22) Acetophenone	7.139	105	869495	45.321	ng	# 97
24) Nitrobenzene	7.316	77	680867	43.791	ng	99
25) Isophorone	7.551	82	1274274	43.741	ng	97
26) 2-Nitrophenol	7.627	139	369839	49.316	ng	99
27) 2,4-Dimethylphenol	7.675	122	597983	46.502	ng	99
28) bis(2-Chloroethoxy)met...	7.769	93	757138	43.932	ng	98
29) 2,4-Dichlorophenol	7.875	162	546151	46.654	ng	98
30) 1,2,4-Trichlorobenzene	7.957	180	561184	46.273	ng	99
31) Naphthalene	8.033	128	1823084	44.028	ng	99
32) Benzoic acid	7.810	122	344941	43.427	ng	98
33) 4-Chloroaniline	8.080	127	268686	16.060	ng	98
34) Hexachlorobutadiene	8.157	225	303778	45.193	ng	99
35) Caprolactam	8.469	113	134487	34.198	ng	91
36) 4-Chloro-3-methylphenol	8.574	107	602874	47.757	ng	98
37) 2-Methylnaphthalene	8.727	142	1220008	43.095	ng	99
38) 1-Methylnaphthalene	8.827	142	1145604	43.258	ng	99
40) 1,2,4,5-Tetrachloroben...	8.892	216	496909	42.925	ng	99
41) Hexachlorocyclopentadiene	8.880	237	593397	87.894	ng	99
43) 2,4,6-Trichlorophenol	9.004	196	373443	46.647	ng	99

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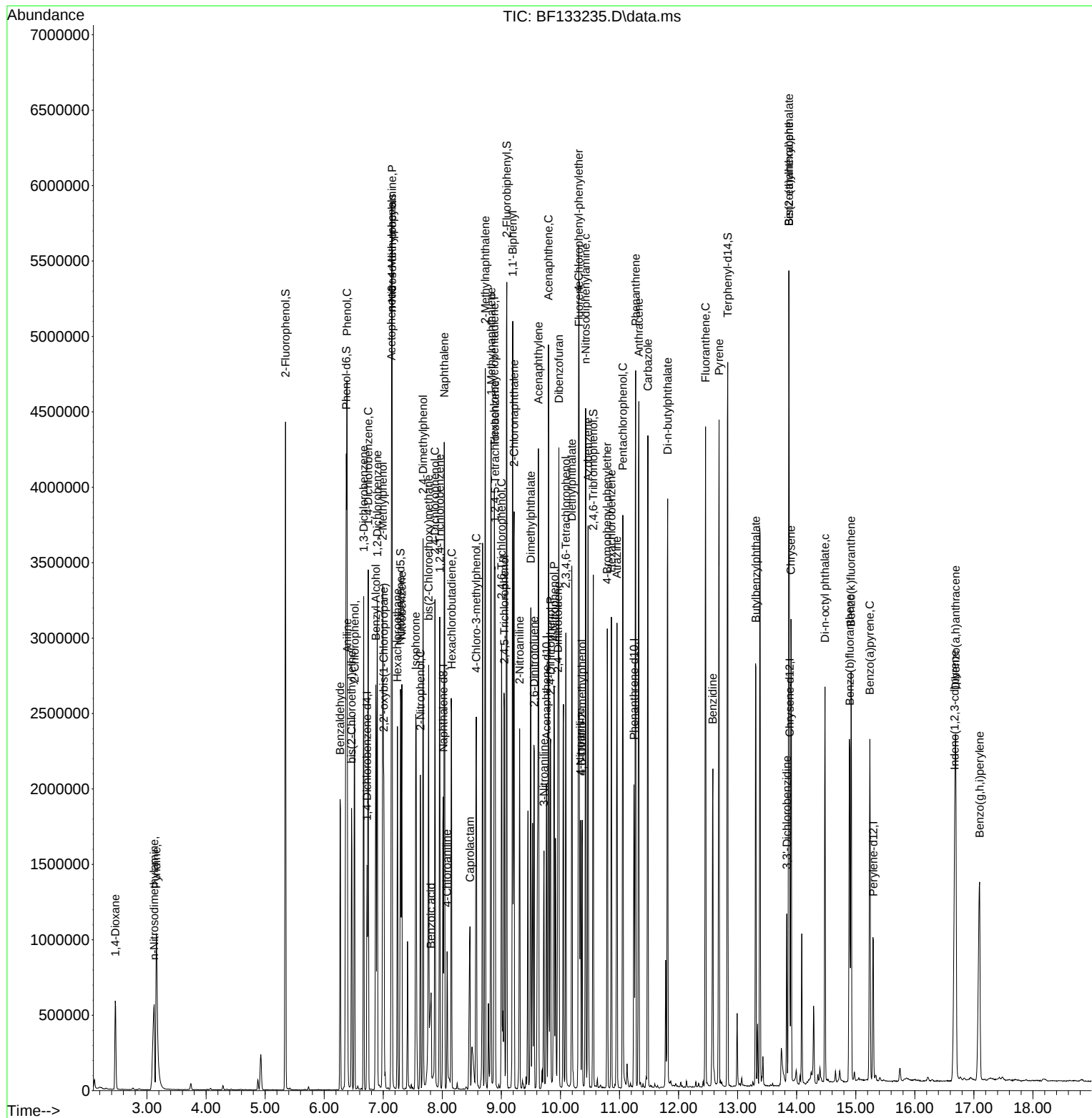
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	392361	42.377	ng	94
46) 1,1'-Biphenyl	9.192	154	1492020	43.703	ng	99
47) 2-Chloronaphthalene	9.216	162	1137691	45.529	ng	99
48) 2-Nitroaniline	9.310	65	370219	44.828	ng	95
49) Acenaphthylene	9.627	152	1769957	44.329	ng	99
50) Dimethylphthalate	9.498	163	1339252	44.610	ng	99
51) 2,6-Dinitrotoluene	9.557	165	315275	46.659	ng	87
52) Acenaphthene	9.798	154	1103461	41.264	ng	99
53) 3-Nitroaniline	9.721	138	237717	29.588	ng	97
54) 2,4-Dinitrophenol	9.833	184	339887	100.073	ng	95
55) Dibenzofuran	9.974	168	1565246	42.909	ng	98
56) 4-Nitrophenol	9.892	139	570152	91.626	ng	91
57) 2,4-Dinitrotoluene	9.957	165	416494	48.334	ng	96
58) Fluorene	10.316	166	1151373	43.082	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.092	232	324402	45.194	ng	99
60) Diethylphthalate	10.192	149	1263913	44.572	ng	99
61) 4-Chlorophenyl-phenyle...	10.310	204	547500	42.038	ng	98
62) 4-Nitroaniline	10.339	138	362921	49.148	ng	98
63) Azobenzene	10.468	77	1331693	44.331	ng	98
65) 4,6-Dinitro-2-methylph...	10.368	198	239766	51.815	ng	90
66) n-Nitrosodiphenylamine	10.427	169	1087966	43.934	ng	100
67) 4-Bromophenyl-phenylether	10.792	248	359040	43.363	ng	93
68) Hexachlorobenzene	10.863	284	387350	45.655	ng	96
69) Atrazine	10.957	200	374012	52.416	ng	99
70) Pentachlorophenol	11.057	266	448464	74.219	ng	97
71) Phenanthrene	11.274	178	1772034	43.187	ng	99
72) Anthracene	11.327	178	1816191	43.251	ng	100
73) Carbazole	11.480	167	1645060	43.996	ng	99
74) Di-n-butylphthalate	11.815	149	1974661	46.667	ng	99
75) Fluoranthene	12.457	202	1718484	41.731	ng	99
77) Benzidine	12.580	184	759468	130.962	ng	# 93
78) Pyrene	12.686	202	1702938	57.929	ng	98
80) Butylbenzylphthalate	13.309	149	679165	65.249	ng	99
81) Benzo(a)anthracene	13.868	228	1059580	44.931	ng	99
82) 3,3'-Dichlorobenzidine	13.833	252	214449	32.918	ng	99
83) Chrysene	13.904	228	1061359	45.018	ng	99
84) Bis(2-ethylhexyl)phtha...	13.868	149	735074	56.263	ng	99
85) Di-n-octyl phthalate	14.480	149	1171768	55.005	ng	98
87) Indeno(1,2,3-cd)pyrene	16.674	276	1340145	57.509	ng	99
88) Benzo(b)fluoranthene	14.898	252	1178745	45.227	ng	99
89) Benzo(k)fluoranthene	14.921	252	1019916	39.477	ng	99
90) Benzo(a)pyrene	15.239	252	1018259	42.923	ng	100
91) Dibenzo(a,h)anthracene	16.692	278	1112910	57.261	ng	99
92) Benzo(g,h,i)perylene	17.097	276	1060804	55.284	ng	96

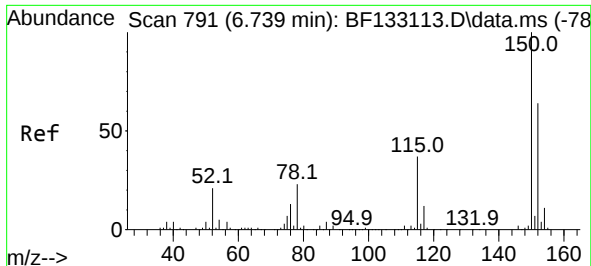
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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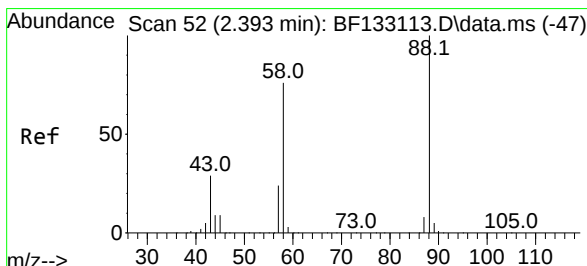
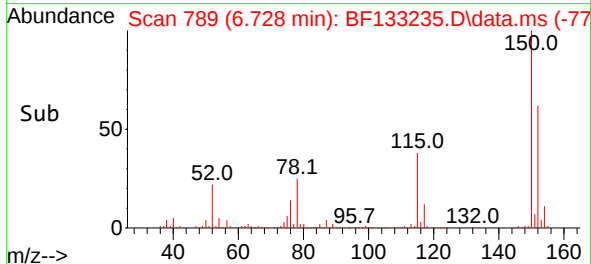
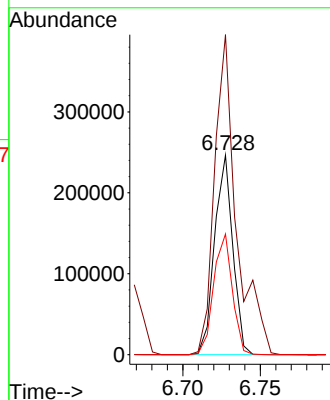
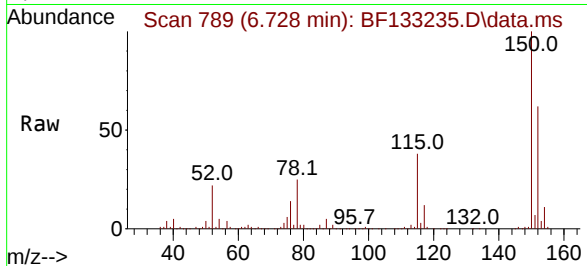




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.728 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF133235.D
 Acq: 04 May 2023 17:31

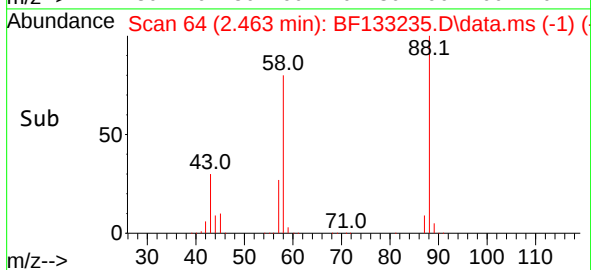
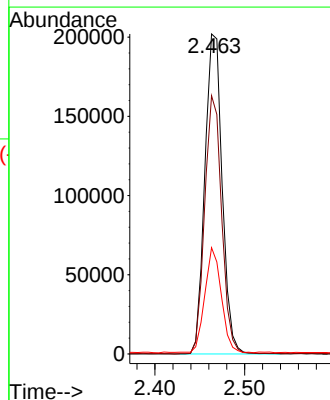
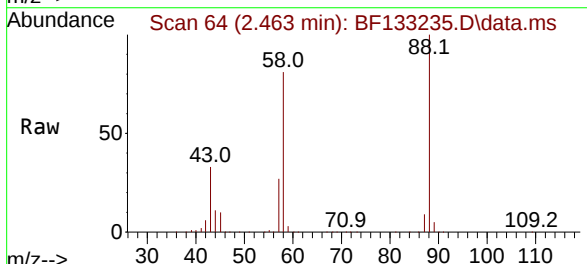
Instrument :
 BNA_F
 ClientSampleId :
 TF-1MS

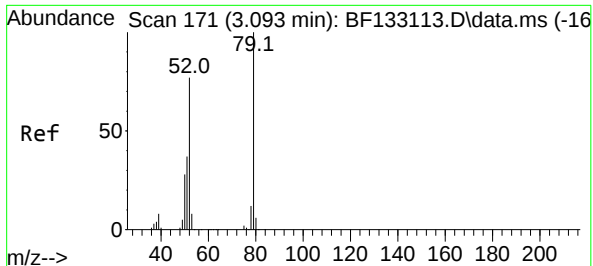
Tgt Ion:152 Resp: 201664
 Ion Ratio Lower Upper
 152 100
 150 160.3 124.8 187.2
 115 60.4 49.9 74.9



#2
 1,4-Dioxane
 Concen: 43.728 ng
 RT: 2.463 min Scan# 64
 Delta R.T. 0.070 min
 Lab File: BF133235.D
 Acq: 04 May 2023 17:31

Tgt Ion: 88 Resp: 270769
 Ion Ratio Lower Upper
 88 100
 58 79.4 64.7 97.1
 43 31.6 26.2 39.2

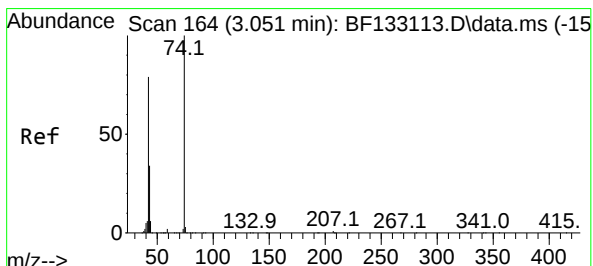
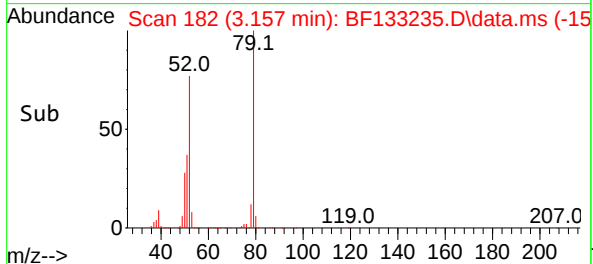
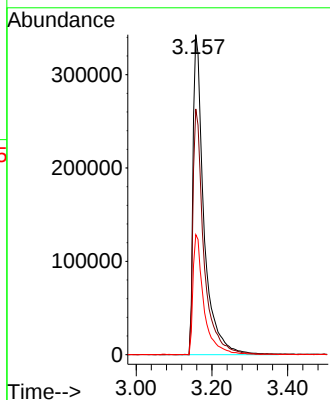
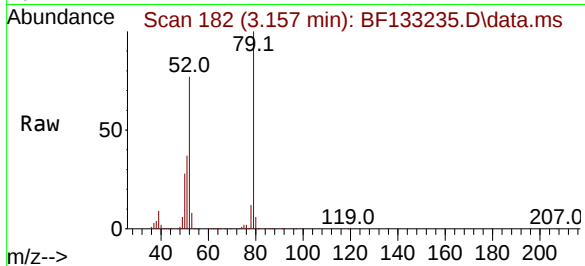




#3
Pyridine
Concen: 41.869 ng
RT: 3.157 min Scan# 11
Delta R.T. 0.076 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

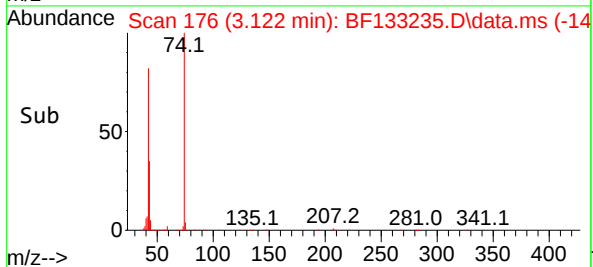
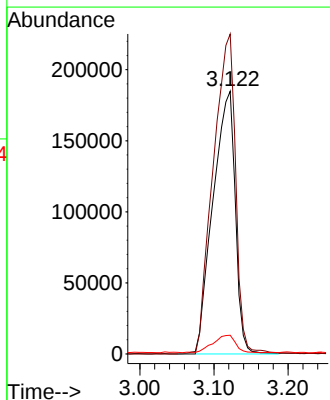
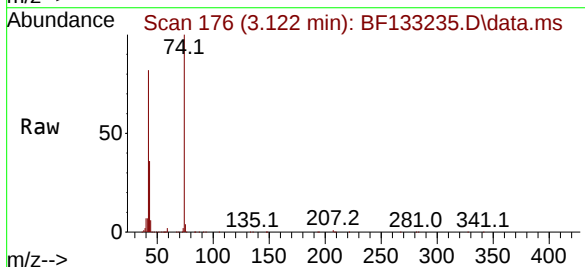
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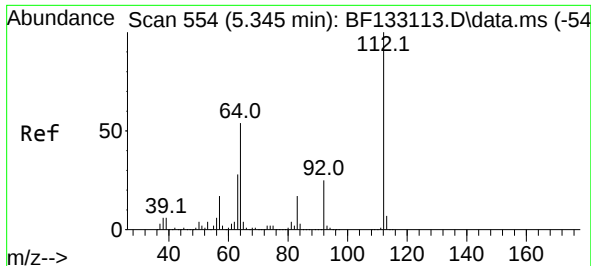
Tgt Ion: 79 Resp: 688586
Ion Ratio Lower Upper
79 100
52 76.8 64.6 96.8
51 37.5 30.0 45.0



#4
n-Nitrosodimethylamine
Concen: 45.379 ng
RT: 3.122 min Scan# 176
Delta R.T. 0.070 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

Tgt Ion: 42 Resp: 386568
Ion Ratio Lower Upper
42 100
74 121.8 98.0 147.0
44 7.1 5.8 8.8

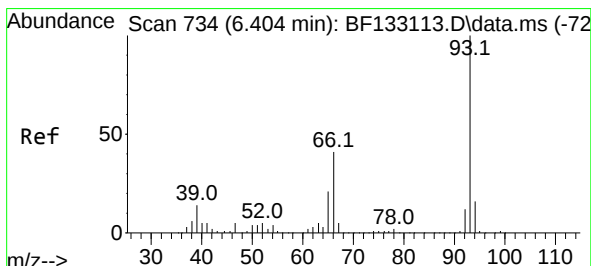
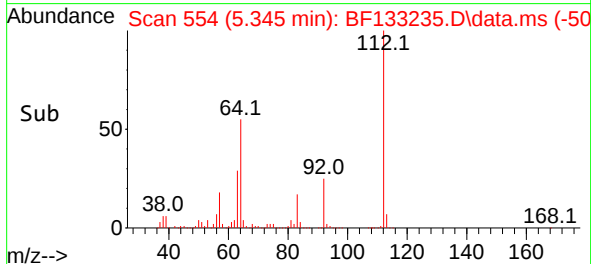
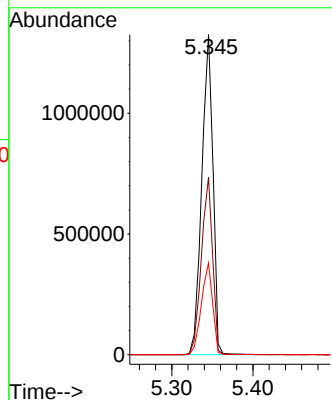
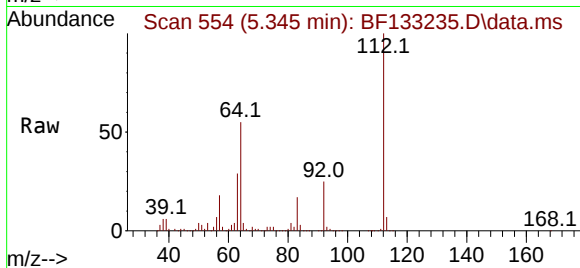




#5
2-Fluorophenol
Concen: 95.089 ng
RT: 5.345 min Scan# 511
Delta R.T. 0.012 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

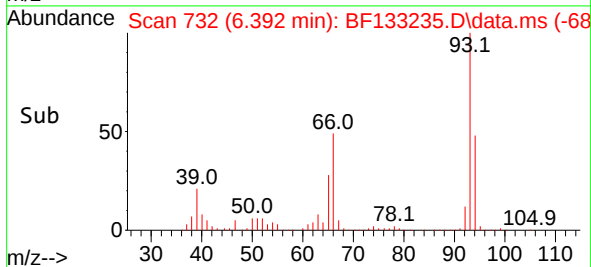
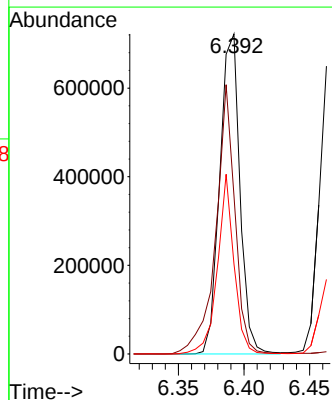
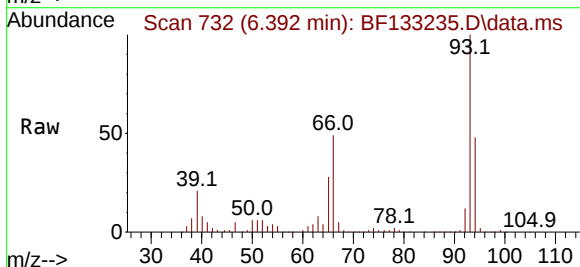
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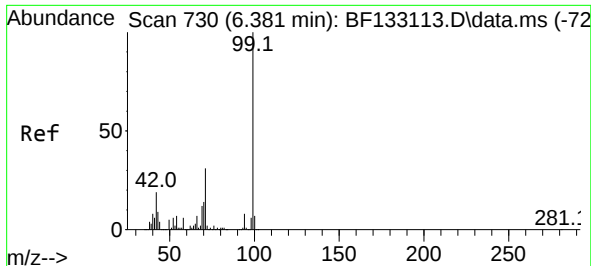
Tgt Ion:112 Resp: 1269427
Ion Ratio Lower Upper
112 100
64 55.5 46.8 70.2
63 28.7 23.8 35.8



#6
Aniline
Concen: 36.133 ng
RT: 6.392 min Scan# 732
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

Tgt Ion: 93 Resp: 771130
Ion Ratio Lower Upper
93 100
66 49.5 31.5 47.3#
65 28.2 16.4 24.6#



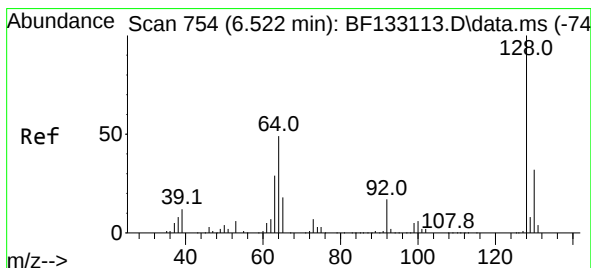
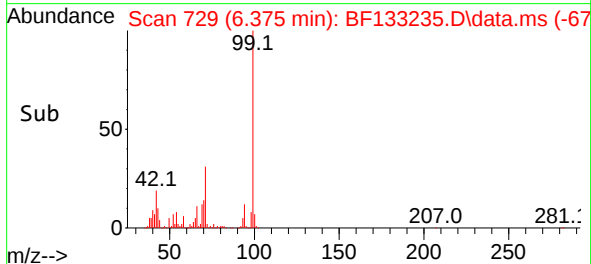
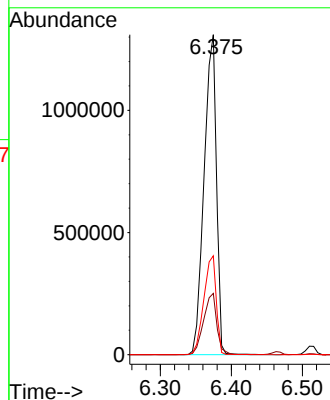
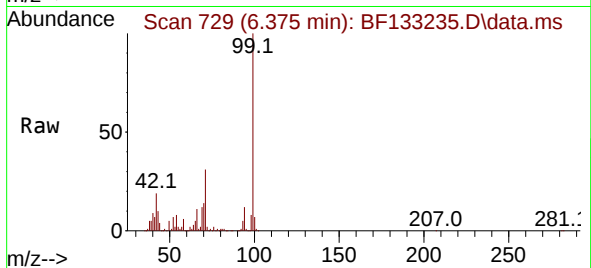


#7
Phenol-d6
Concen: 95.832 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133235.D
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Tgt Ion: 99 Resp: 1587927

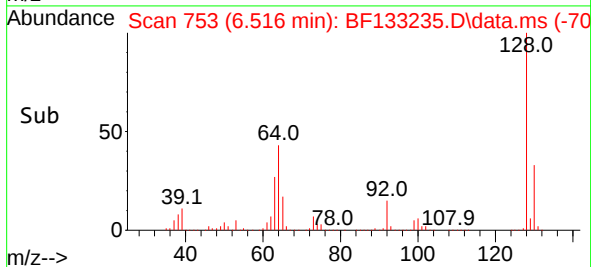
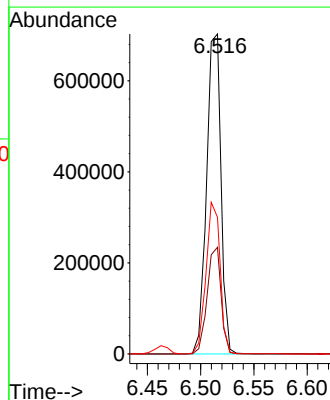
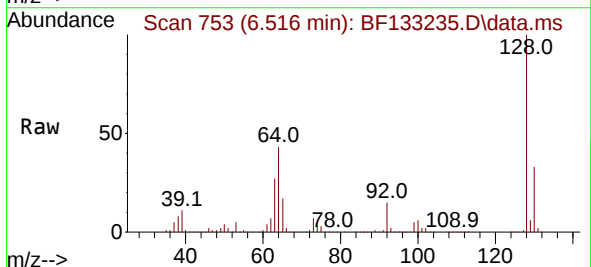
Ion	Ratio	Lower	Upper
99	100		
42	19.2	16.3	24.5
71	30.9	25.6	38.4

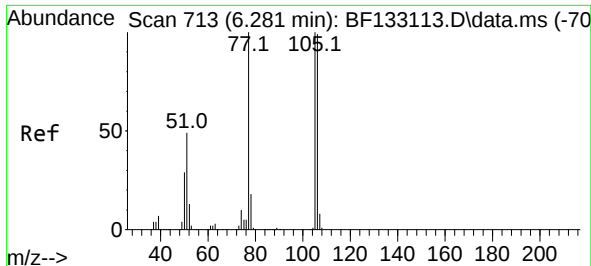


#8
2-Chlorophenol
Concen: 48.975 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF133235.D
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Tgt Ion: 128 Resp: 663831

Ion	Ratio	Lower	Upper
128	100		
130	33.3	12.2	52.2
64	42.7	30.3	70.3

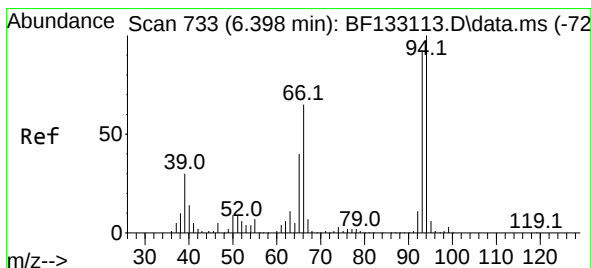
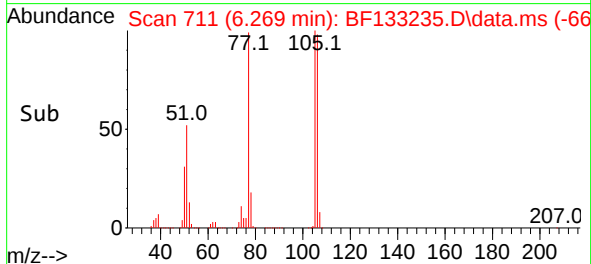
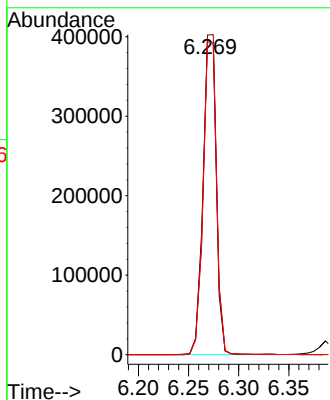
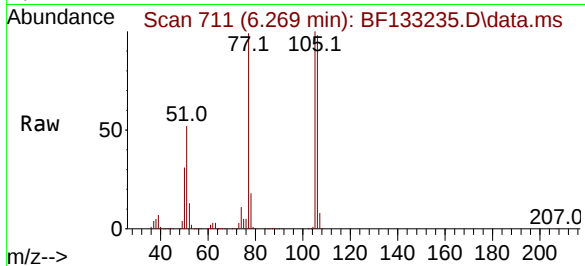




#9
Benzaldehyde
Concen: 54.586 ng
RT: 6.269 min Scan# 711
Delta R.T. -0.006 min
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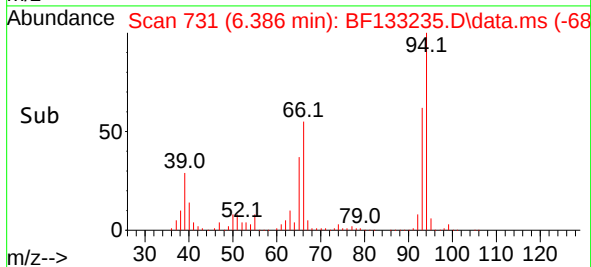
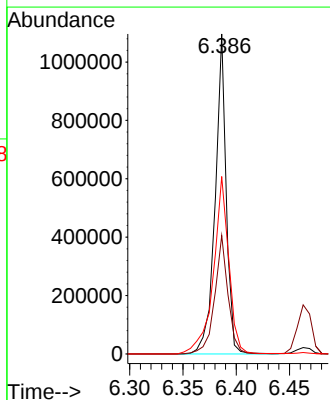
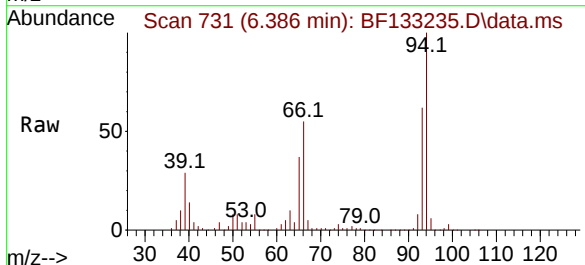
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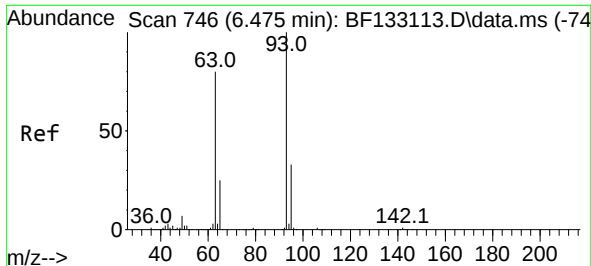
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Ion Ratio Lower Upper
77 100
105 101.4 82.3 122.3
106 99.2 80.8 120.8



#10
Phenol
Concen: 43.655 ng
RT: 6.386 min Scan# 731
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

Tgt Ion: 94 Resp: 797991
Ion Ratio Lower Upper
94 100
65 37.0 8.6 48.6
66 55.5 17.3 57.3





#11

bis(2-Chloroethyl)ether

Concen: 45.481 ng

RT: 6.463 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF133235.D

Acq: 04 May 2023 17:31

Instrument :

BNA_F

ClientSampleId :

TF-1MS

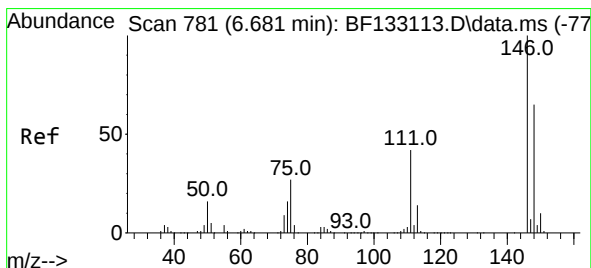
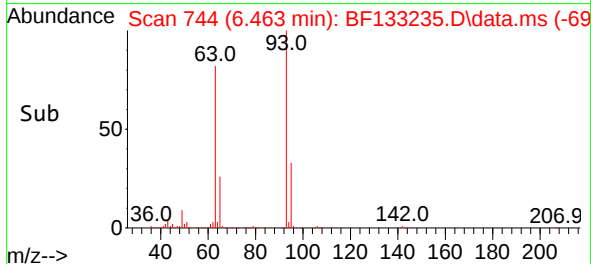
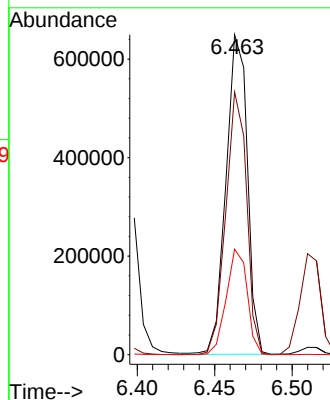
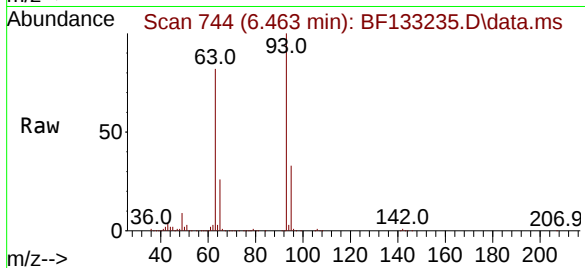
Tgt Ion: 93 Resp: 623873

Ion Ratio Lower Upper

93 100

63 82.1 60.6 100.6

95 33.0 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 47.665 ng

RT: 6.669 min Scan# 779

Delta R.T. -0.000 min

Lab File: BF133235.D

Acq: 04 May 2023 17:31

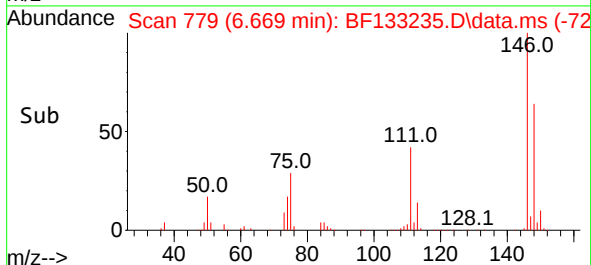
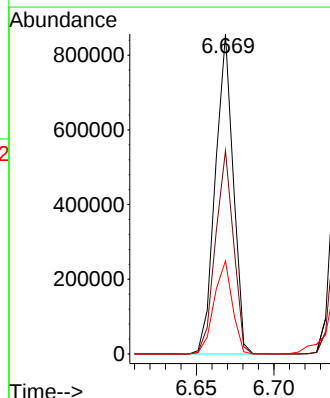
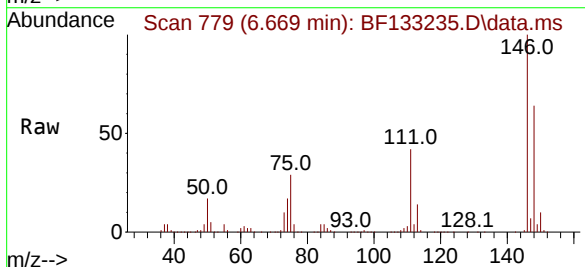
Tgt Ion:146 Resp: 686900

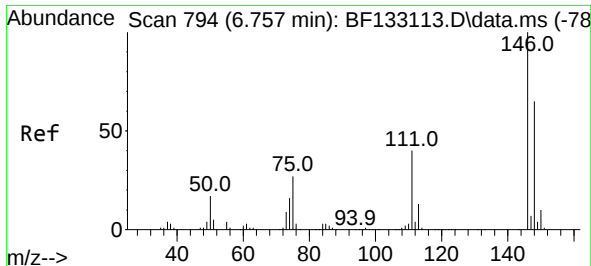
Ion Ratio Lower Upper

146 100

148 63.6 51.0 76.4

75 29.1 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 48.229 ng

RT: 6.745 min Scan# 794

Delta R.T. -0.000 min

Lab File: BF133235.D

Acq: 04 May 2023 17:31

Instrument :

BNA_F

ClientSampleId :

TF-IMS

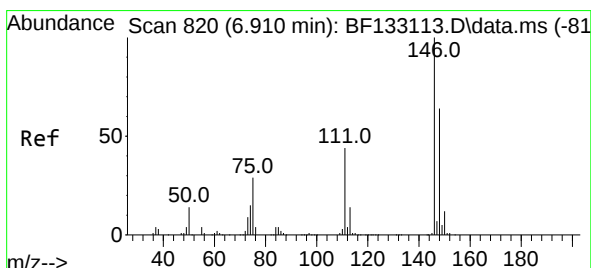
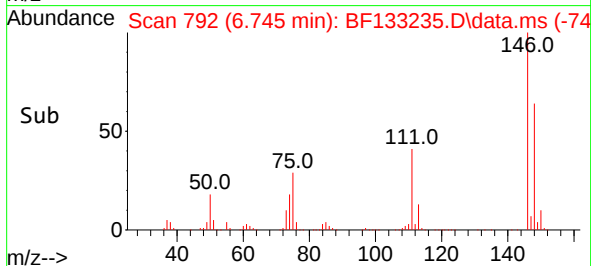
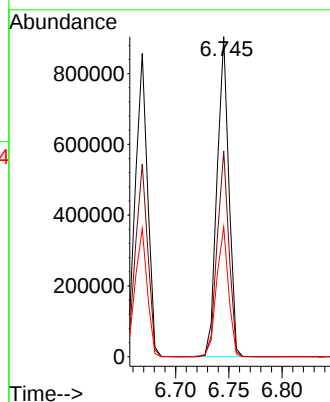
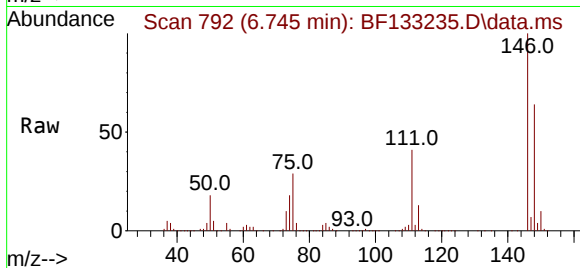
Tgt Ion:146 Resp: 696557

Ion Ratio Lower Upper

146 100

148 64.3 50.3 75.5

111 40.6 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 50.458 ng

RT: 6.898 min Scan# 818

Delta R.T. -0.006 min

Lab File: BF133235.D

Acq: 04 May 2023 17:31

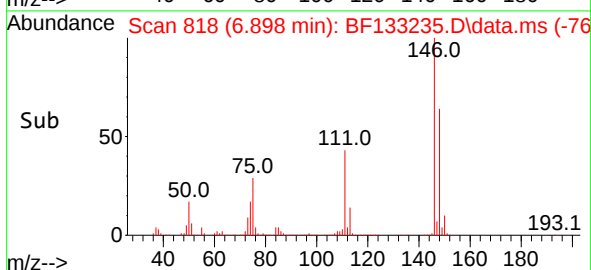
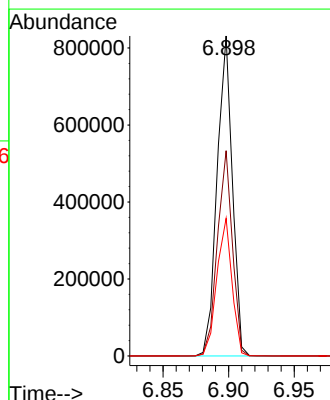
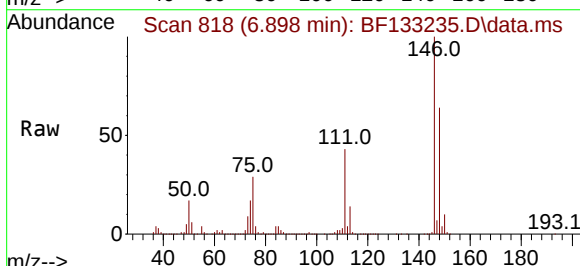
Tgt Ion:146 Resp: 671865

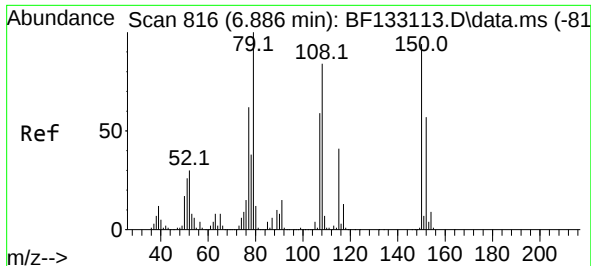
Ion Ratio Lower Upper

146 100

148 64.2 52.2 78.2

111 43.0 32.8 49.2

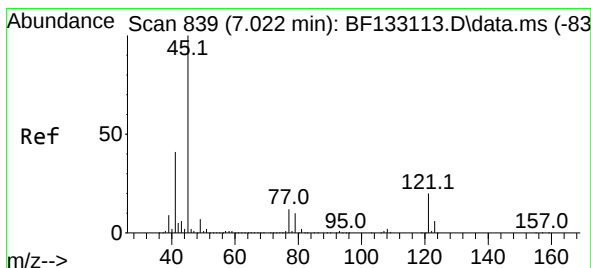
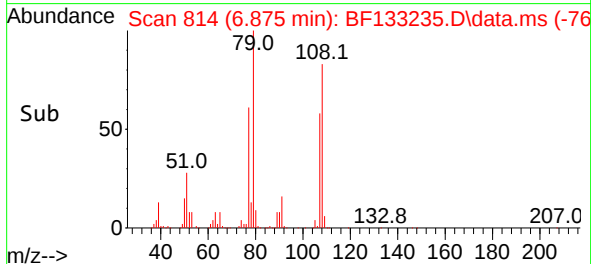
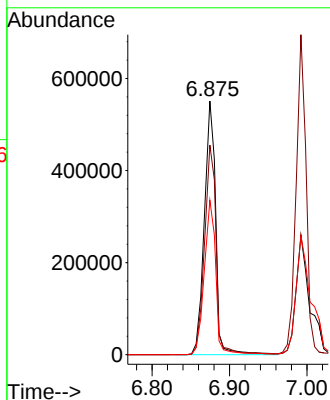
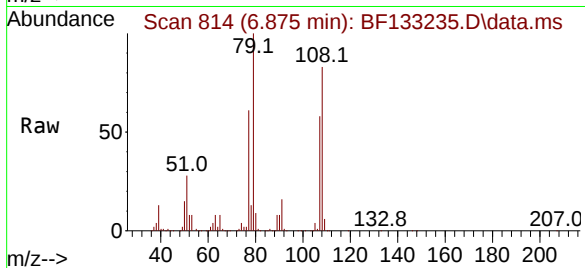




#15
Benzyl Alcohol
Concen: 48.825 ng
RT: 6.875 min Scan# 816
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

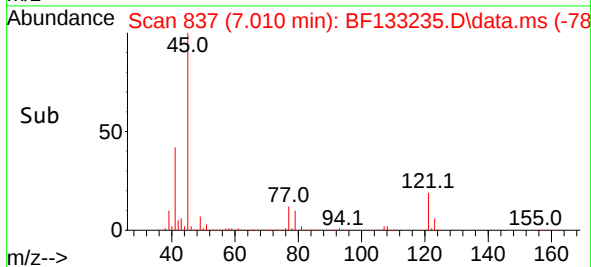
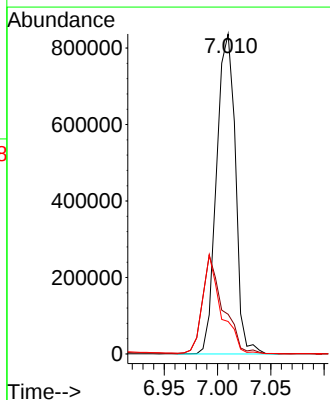
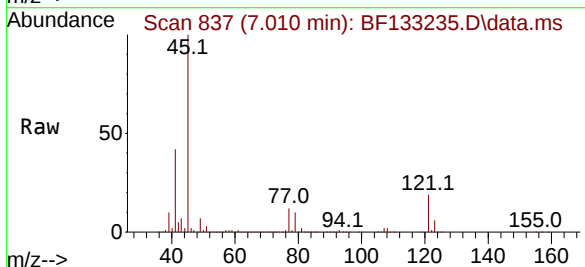
Instrument :
BNA_F
ClientSampleId :
TF-1MS

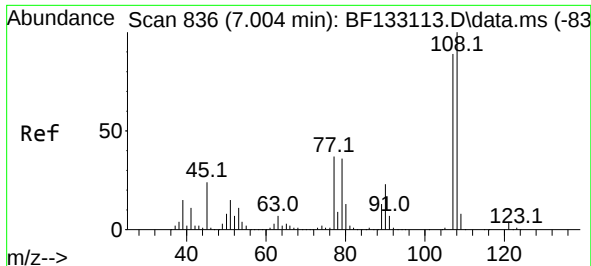
Tgt Ion: 79 Resp: 558848
Ion Ratio Lower Upper
79 100
108 82.7 66.6 99.8
77 60.8 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 43.023 ng
RT: 7.010 min Scan# 837
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

Tgt Ion: 45 Resp: 1025021
Ion Ratio Lower Upper
45 100
77 12.4 0.0 31.5
79 10.2 0.0 28.7

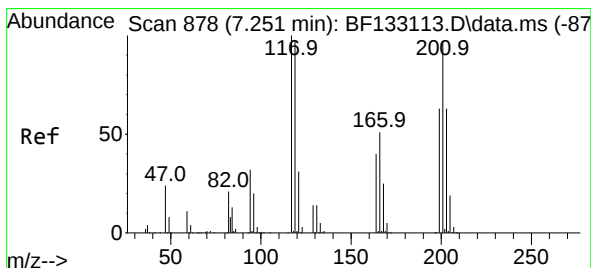
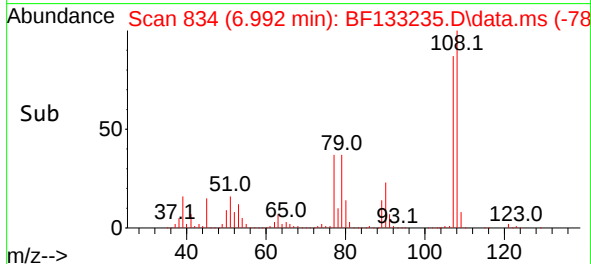
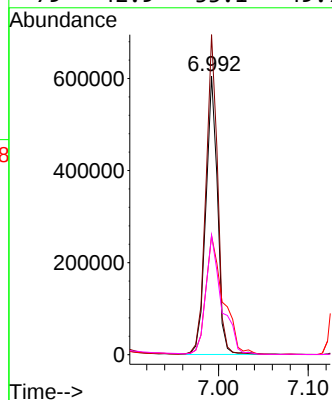
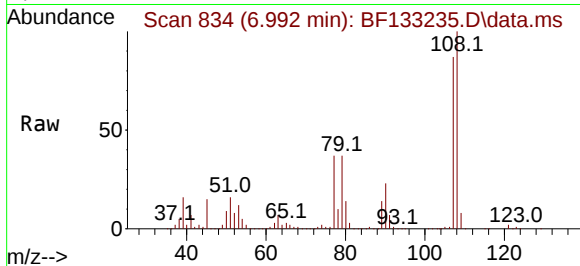




#17
2-Methylphenol
Concen: 44.204 ng
RT: 6.992 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

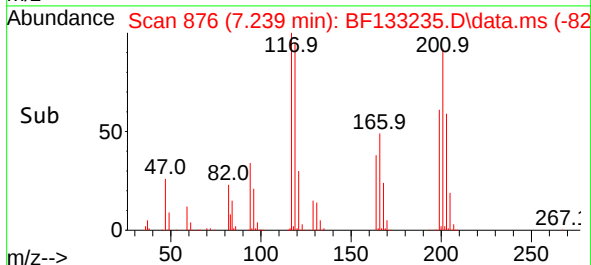
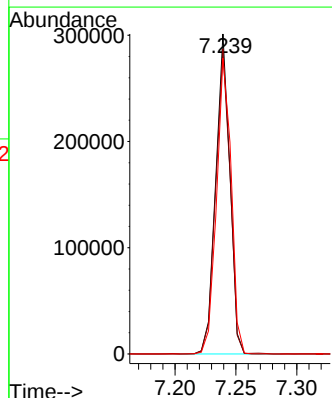
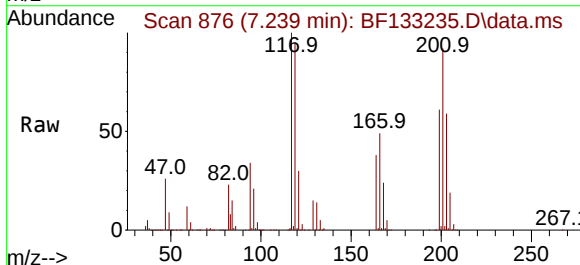
Instrument :
BNA_F
ClientSampleId :
TF-1MS

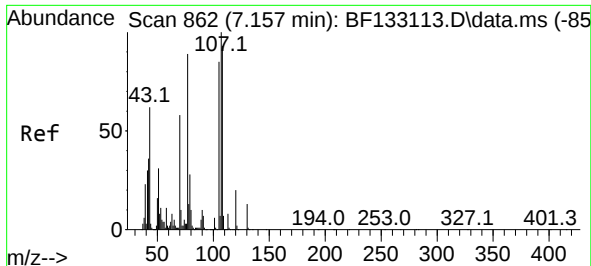
Tgt Ion:	107	Resp:	548644
Ion	Ratio	Lower	Upper
107	100		
108	114.9	92.4	138.6
77	42.7	33.8	50.8
79	42.9	33.1	49.7



#18
Hexachloroethane
Concen: 48.496 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

Tgt Ion:	117	Resp:	243515
Ion	Ratio	Lower	Upper
117	100		
119	95.4	78.2	117.4
201	92.5	81.7	122.5

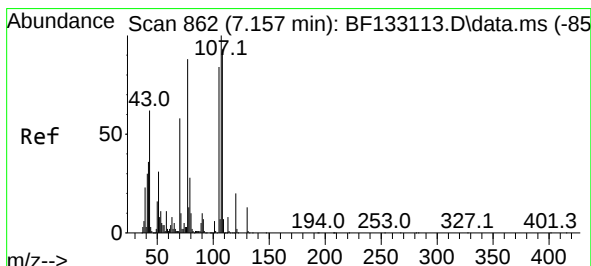
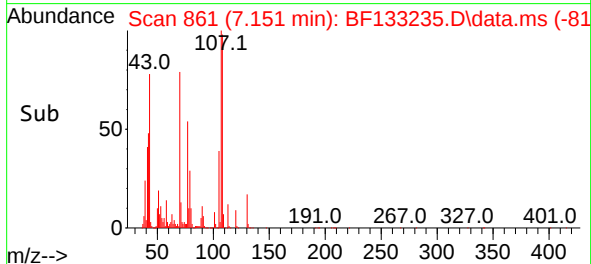
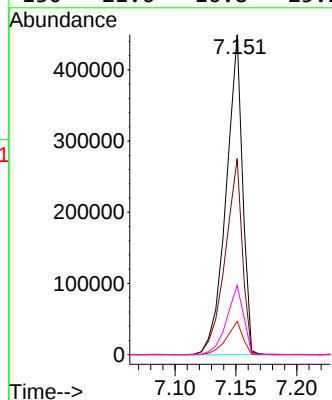
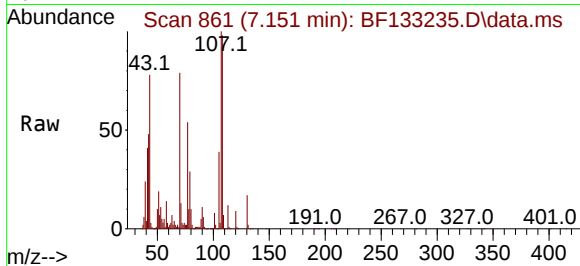




#19
n-Nitroso-di-n-propylamine
Concen: 41.087 ng
RT: 7.151 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

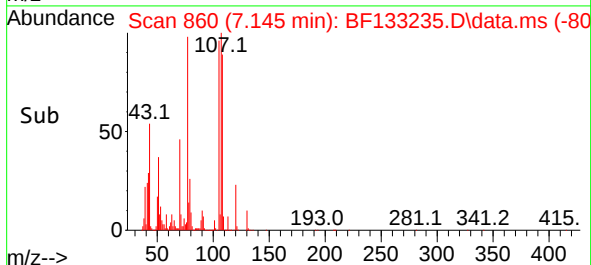
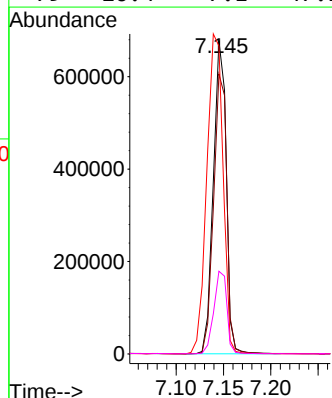
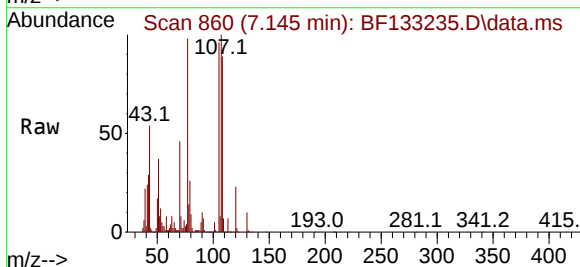
Instrument :
BNA_F
ClientSampleId :
TF-1MS

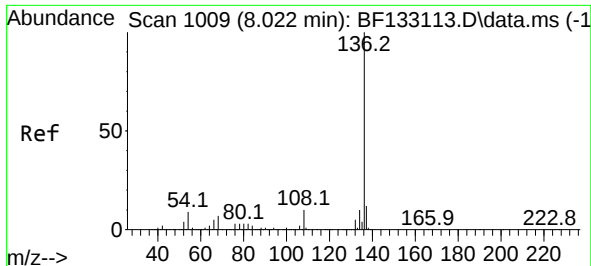
Tgt Ion: 70 Resp: 423844
Ion Ratio Lower Upper
70 100
42 61.3 51.8 77.6
101 10.4 8.0 12.0
130 21.6 16.8 25.2



#20
3+4-Methylphenols
Concen: 43.640 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

Tgt Ion:107 Resp: 637868
Ion Ratio Lower Upper
107 100
108 89.4 70.5 110.5
77 98.3 91.7 131.7
79 26.4 7.1 47.1

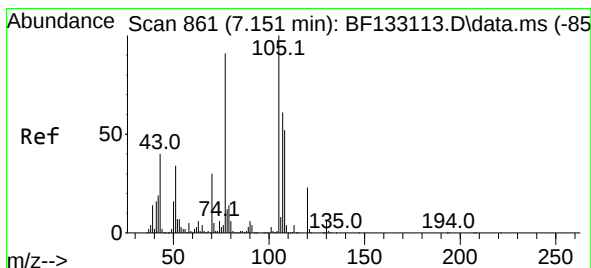
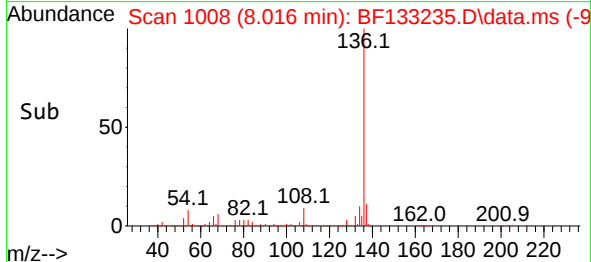
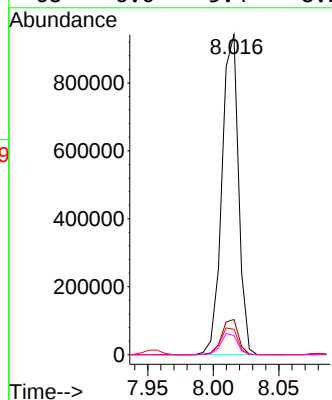
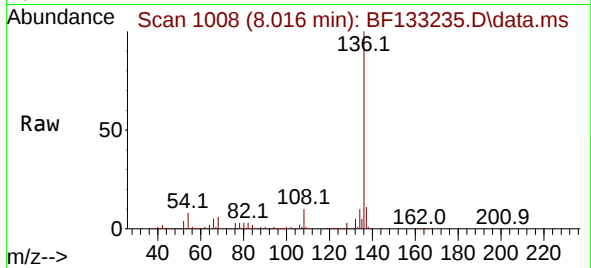




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

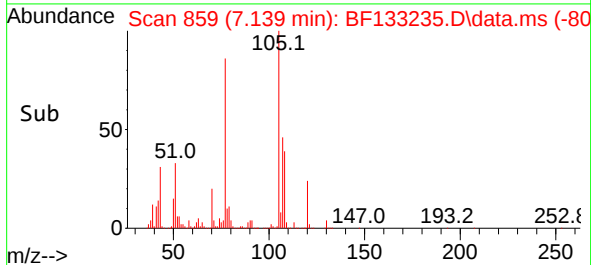
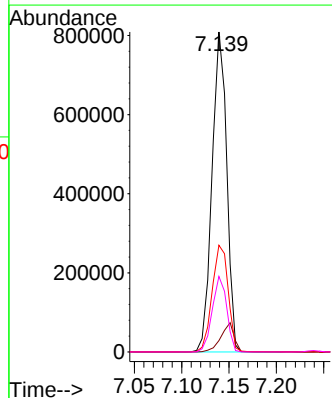
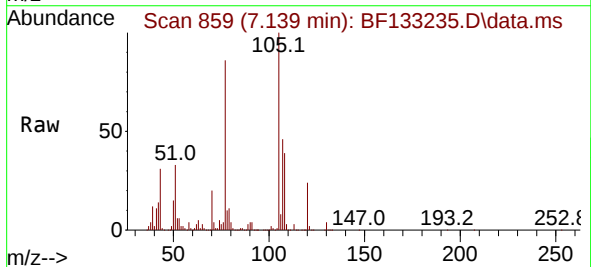
Instrument :
BNA_F
ClientSampleId :
TF-1MS

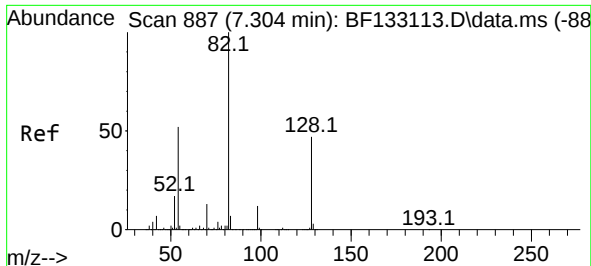
Tgt Ion:136 Resp: 828206
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 7.9 7.0 10.4
68 6.0 5.4 8.2



#22
Acetophenone
Concen: 45.321 ng
RT: 7.139 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

Tgt Ion:105 Resp: 869495
Ion Ratio Lower Upper
105 100
71 3.5 4.6 7.0#
51 33.4 28.2 42.2
120 23.6 18.4 27.6





#23

Nitrobenzene-d5

Concen: 63.268 ng

RT: 7.292 min Scan# 885

Delta R.T. -0.006 min

Lab File: BF133235.D

Acq: 04 May 2023 17:31

Instrument :

BNA_F

ClientSampleId :

TF-1MS

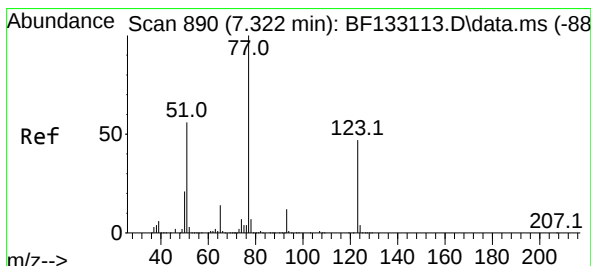
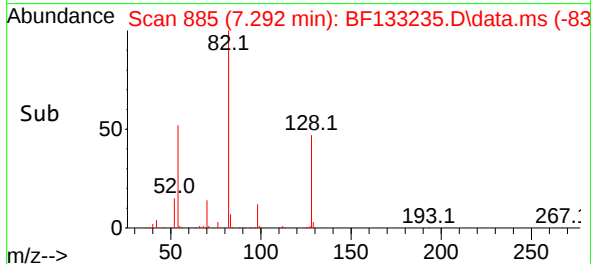
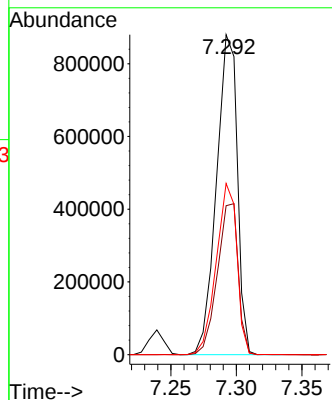
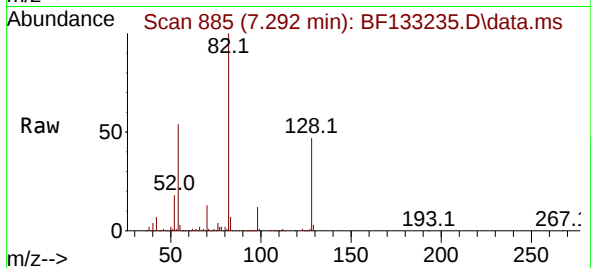
Tgt Ion: 82 Resp: 970774

Ion Ratio Lower Upper

82 100

128 46.6 37.7 56.5

54 53.5 43.0 64.4



#24

Nitrobenzene

Concen: 43.791 ng

RT: 7.316 min Scan# 889

Delta R.T. -0.000 min

Lab File: BF133235.D

Acq: 04 May 2023 17:31

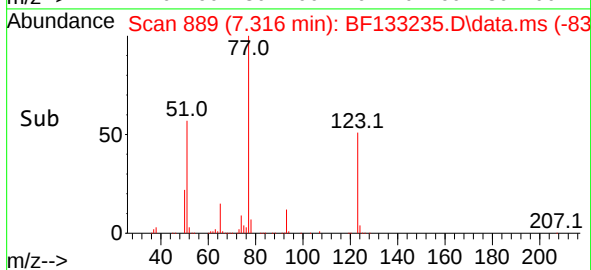
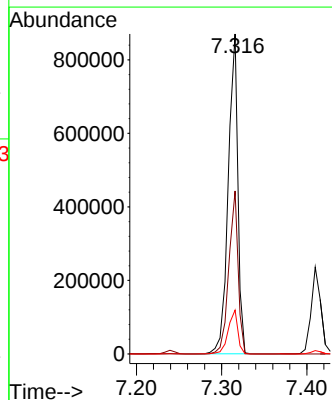
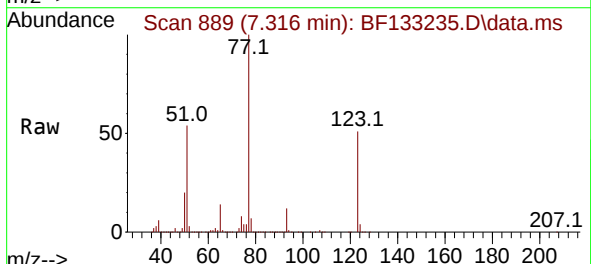
Tgt Ion: 77 Resp: 680867

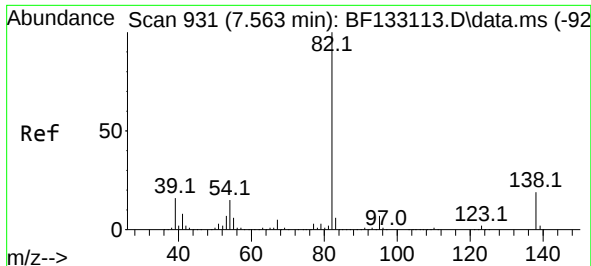
Ion Ratio Lower Upper

77 100

123 51.0 39.9 59.9

65 13.7 10.7 16.1

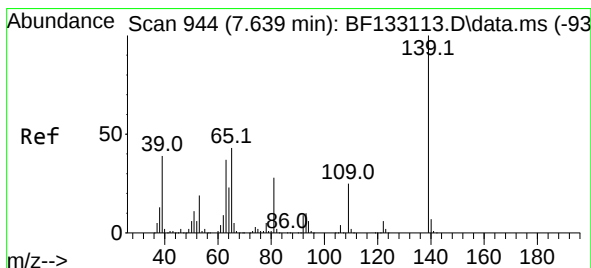
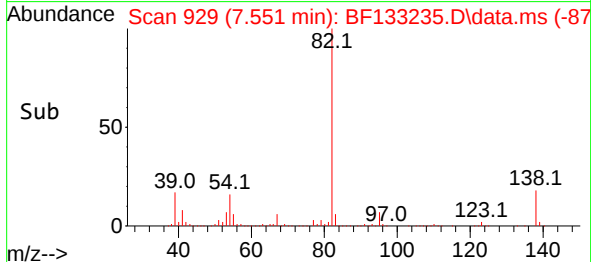
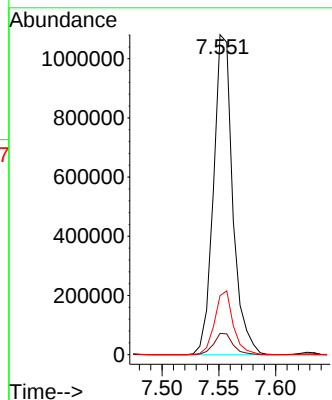
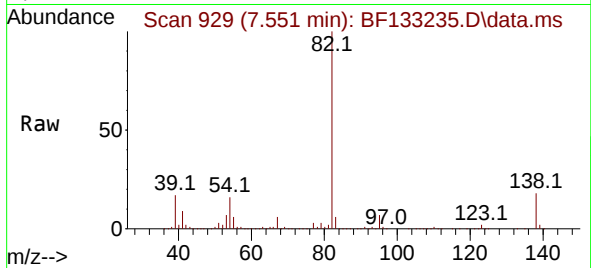




#25
Isophorone
Concen: 43.741 ng
RT: 7.551 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

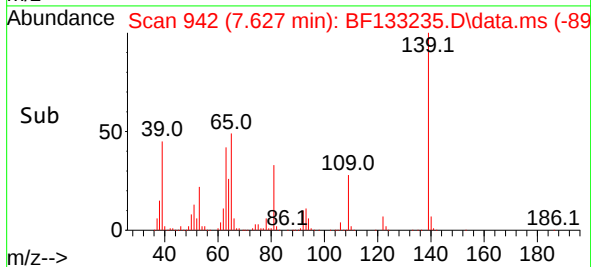
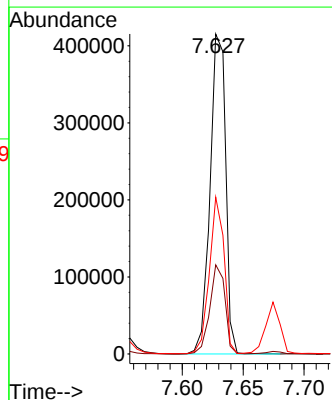
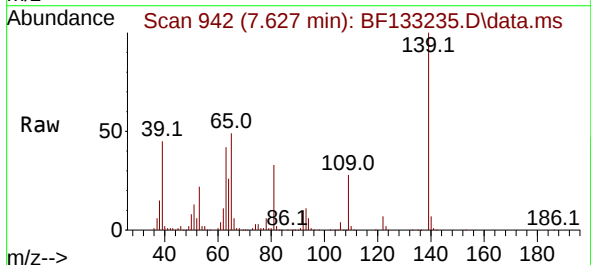
Instrument :
BNA_F
ClientSampleId :
TF-1MS

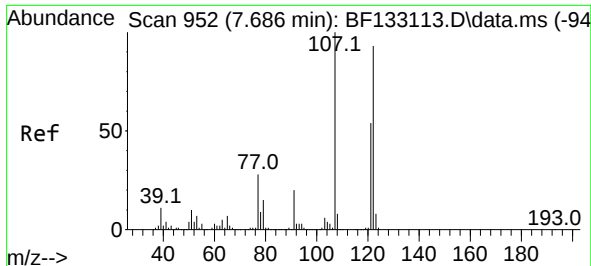
Tgt Ion: 82 Resp: 1274274
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 18.5 16.0 24.0



#26
2-Nitrophenol
Concen: 49.316 ng
RT: 7.627 min Scan# 942
Delta R.T. -0.006 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

Tgt Ion:139 Resp: 369839
Ion Ratio Lower Upper
139 100
109 27.8 21.6 32.4
65 49.0 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 46.502 ng

RT: 7.675 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF133235.D

Acq: 04 May 2023 17:31

Instrument :

BNA_F

ClientSampleId :

TF-1MS

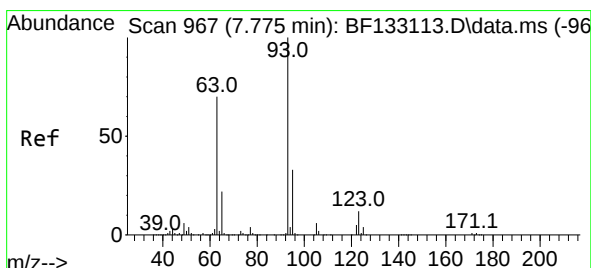
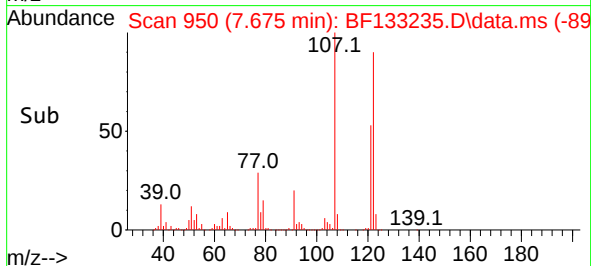
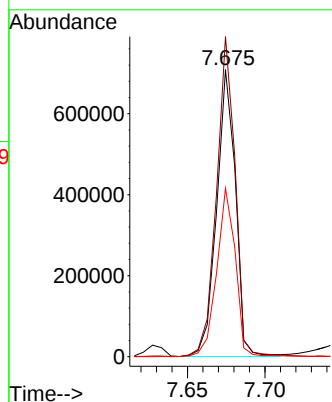
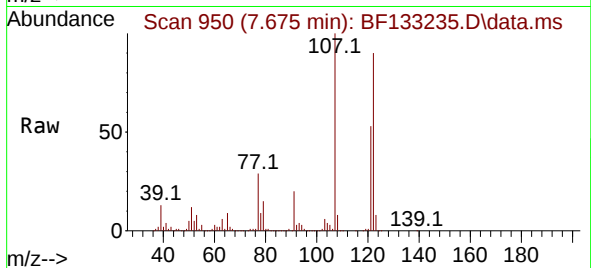
Tgt Ion:122 Resp: 597983

Ion Ratio Lower Upper

122 100

107 111.5 89.7 134.5

121 58.7 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 43.932 ng

RT: 7.769 min Scan# 966

Delta R.T. -0.000 min

Lab File: BF133235.D

Acq: 04 May 2023 17:31

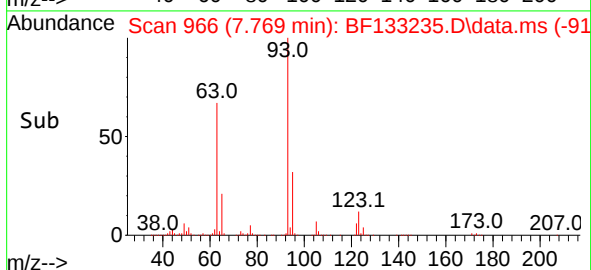
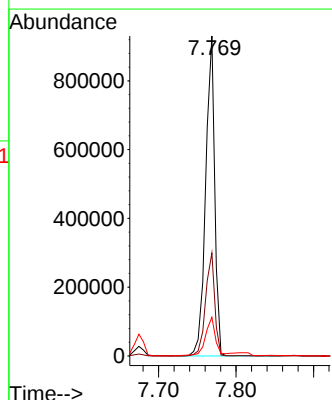
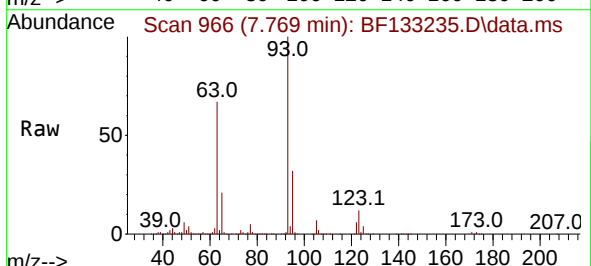
Tgt Ion: 93 Resp: 757138

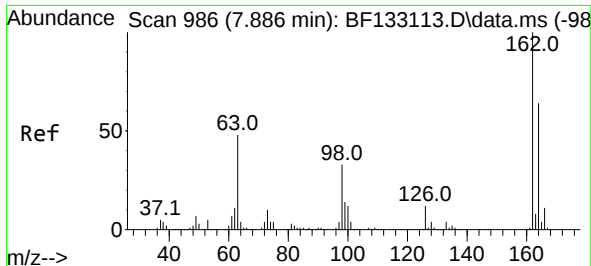
Ion Ratio Lower Upper

93 100

95 32.2 26.4 39.6

123 12.1 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 46.654 ng

RT: 7.875 min Scan# 984

Delta R.T. -0.000 min

Lab File: BF133235.D

Acq: 04 May 2023 17:31

Instrument :

BNA_F

ClientSampleId :

TF-1MS

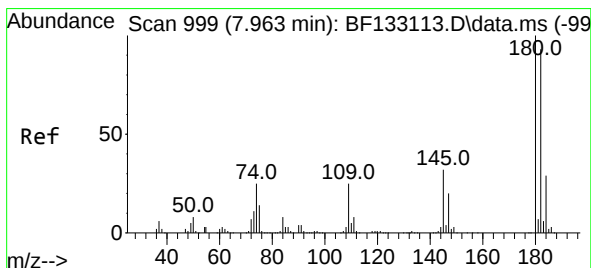
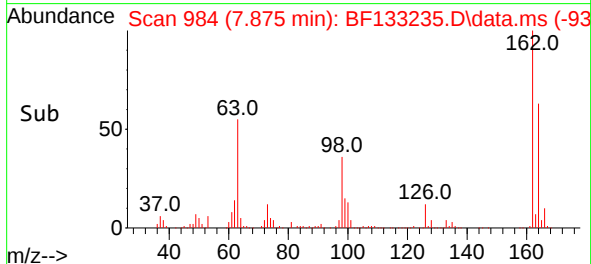
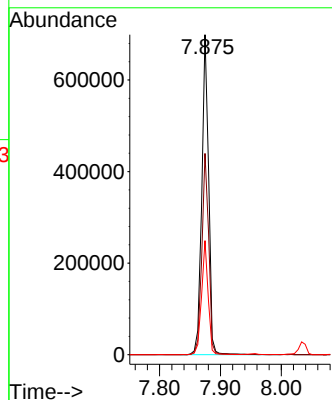
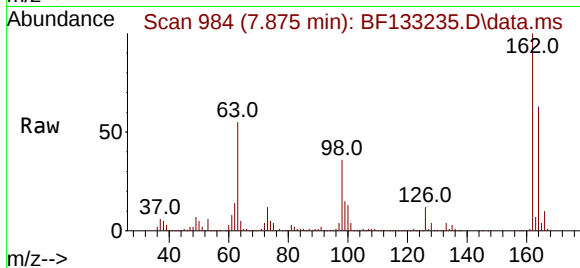
Tgt Ion:162 Resp: 546151

Ion Ratio Lower Upper

162 100

164 62.9 43.9 83.9

98 35.7 17.0 57.0



#30

1,2,4-Trichlorobenzene

Concen: 46.273 ng

RT: 7.957 min Scan# 998

Delta R.T. -0.000 min

Lab File: BF133235.D

Acq: 04 May 2023 17:31

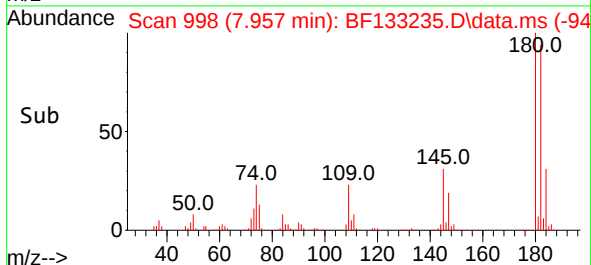
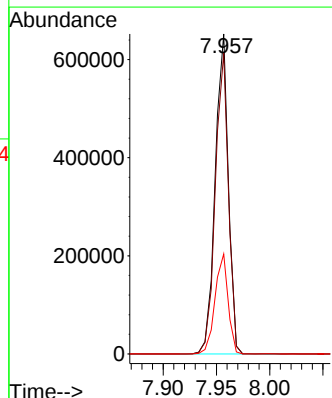
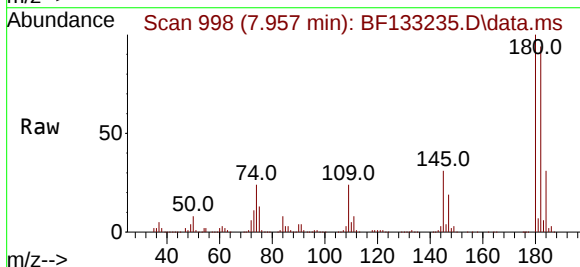
Tgt Ion:180 Resp: 561184

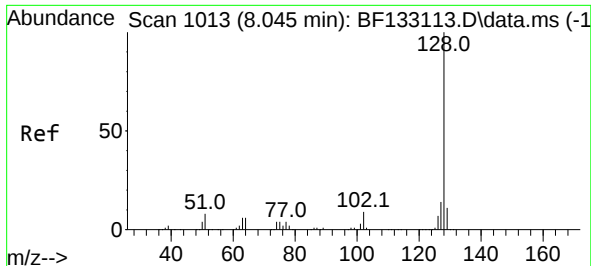
Ion Ratio Lower Upper

180 100

182 93.9 75.9 113.9

145 31.2 25.3 37.9

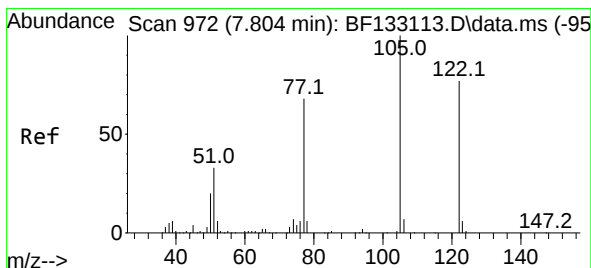
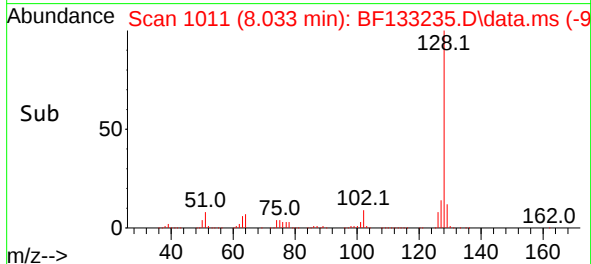
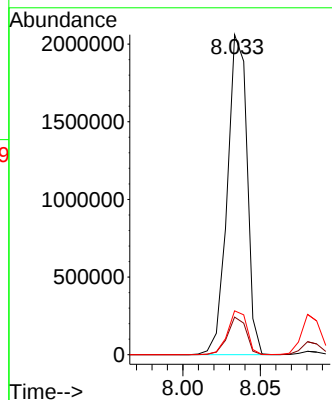
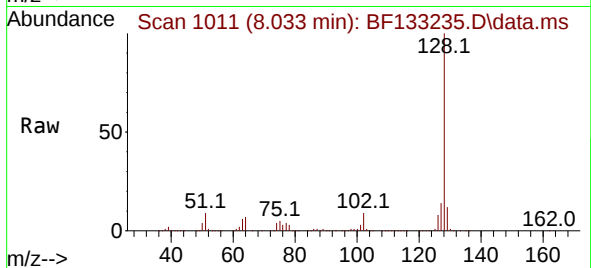




#31
Naphthalene
Concen: 44.028 ng
RT: 8.033 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

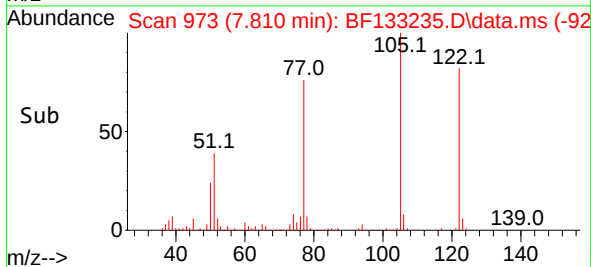
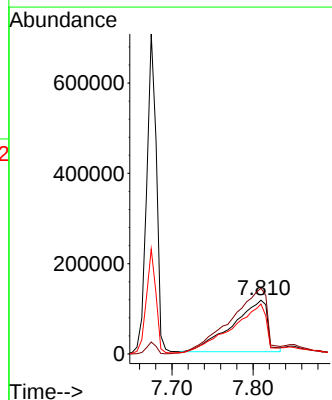
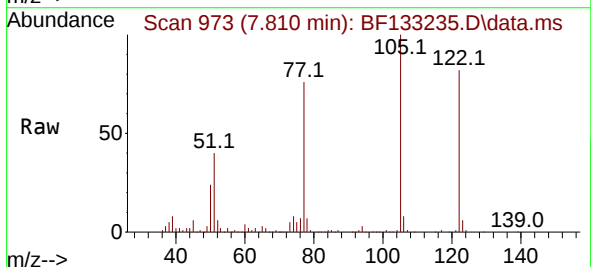
Instrument :
BNA_F
ClientSampleId :
TF-1MS

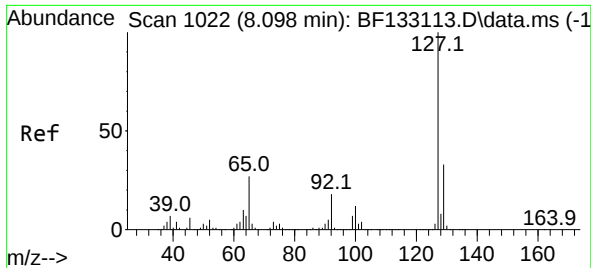
Tgt Ion:128 Resp: 1823084
Ion Ratio Lower Upper
128 100
129 11.7 8.8 13.2
127 13.7 10.7 16.1



#32
Benzoic acid
Concen: 43.427 ng
RT: 7.810 min Scan# 973
Delta R.T. 0.006 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

Tgt Ion:122 Resp: 344941
Ion Ratio Lower Upper
122 100
105 122.4 104.2 144.2
77 92.9 69.7 109.7

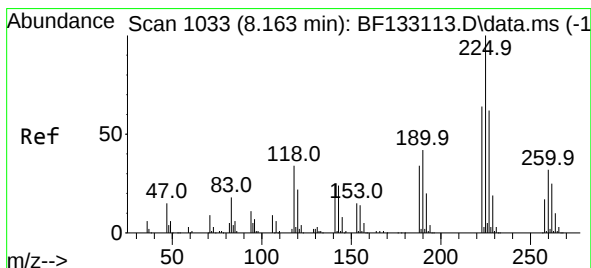
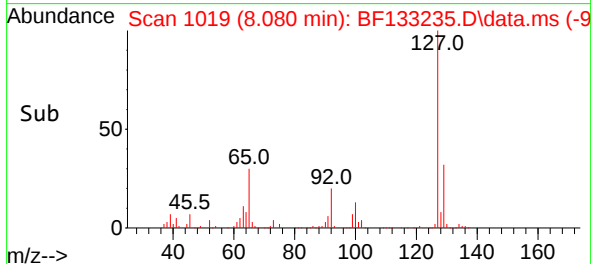
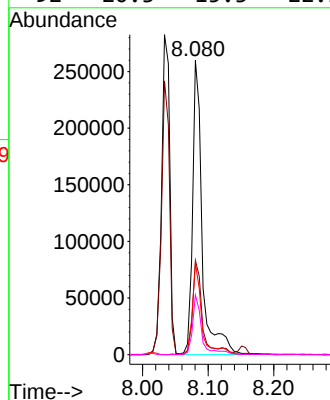
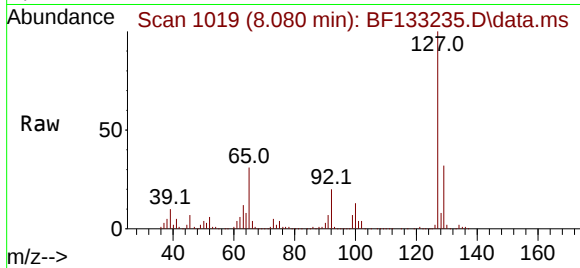




#33
4-Chloroaniline
Concen: 16.060 ng
RT: 8.080 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

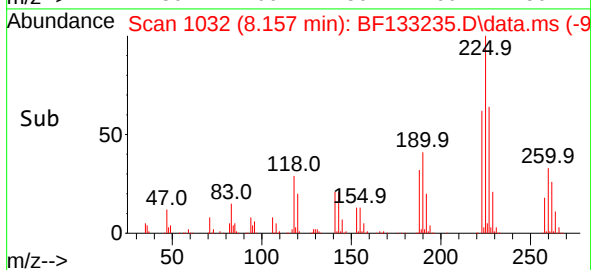
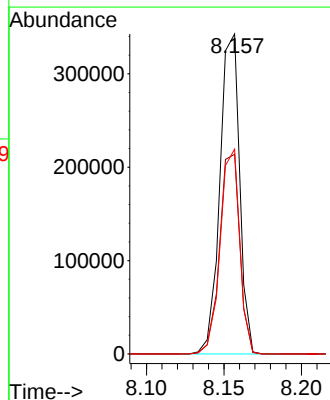
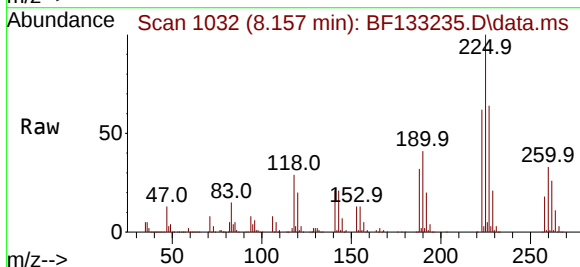
Instrument :
BNA_F
ClientSampleId :
TF-1MS

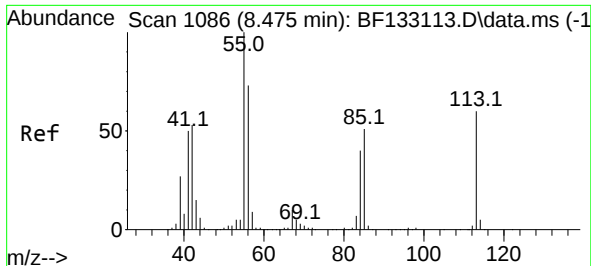
Tgt Ion:	127	Resp:	268686
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.8	38.8
65	31.1	23.6	35.4
92	20.3	15.3	22.9



#34
Hexachlorobutadiene
Concen: 45.193 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

Tgt Ion:	225	Resp:	303778
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.9	76.3
227	64.0	50.3	75.5

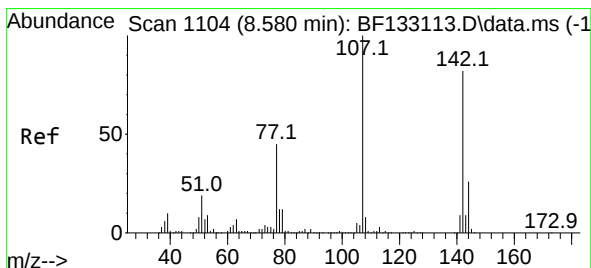
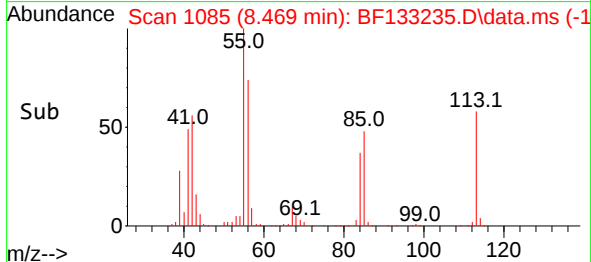
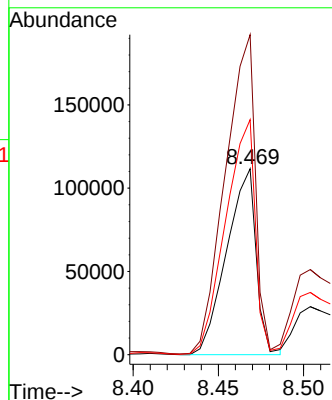
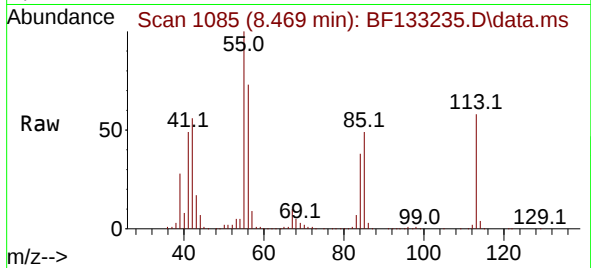




#35
Caprolactam
Concen: 34.198 ng
RT: 8.469 min Scan# 1086
Delta R.T. 0.006 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

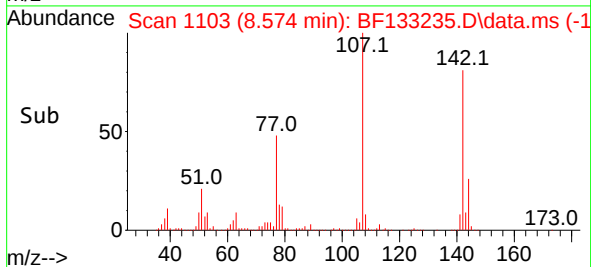
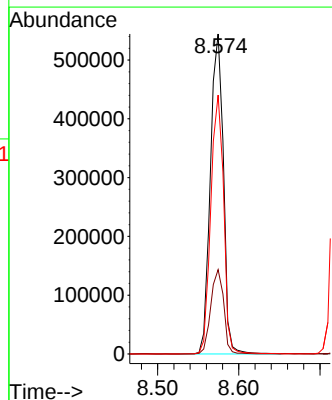
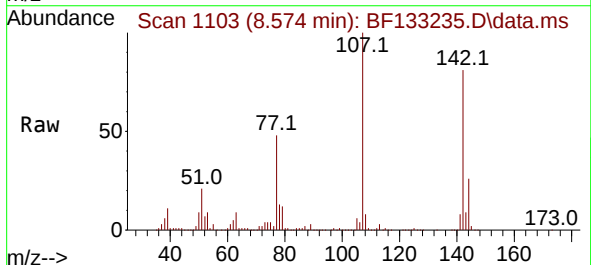
Instrument :
BNA_F
ClientSampleId :
TF-1MS

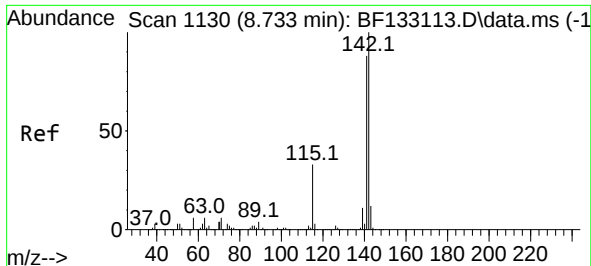
Tgt Ion:113 Resp: 134487
Ion Ratio Lower Upper
113 100
55 172.2 167.1 207.1
56 126.5 114.5 154.5



#36
4-Chloro-3-methylphenol
Concen: 47.757 ng
RT: 8.574 min Scan# 1103
Delta R.T. 0.006 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

Tgt Ion:107 Resp: 602874
Ion Ratio Lower Upper
107 100
144 26.4 20.6 30.8
142 80.9 62.8 94.2

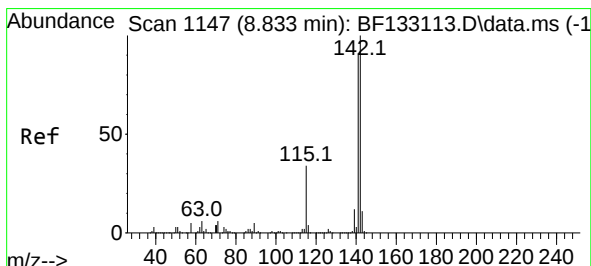
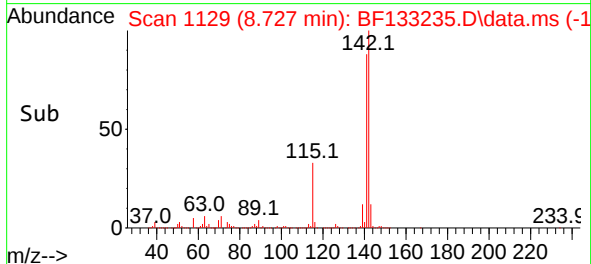
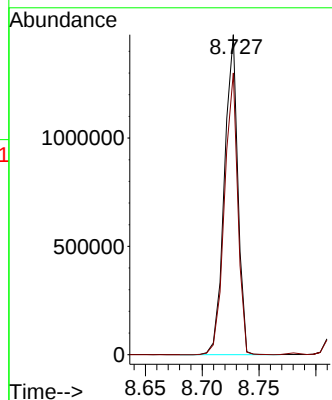
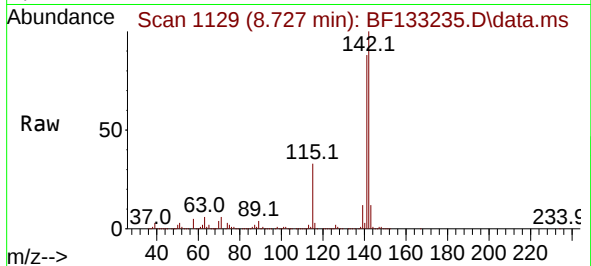




#37
2-Methylnaphthalene
Concen: 43.095 ng
RT: 8.727 min Scan# 1129
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

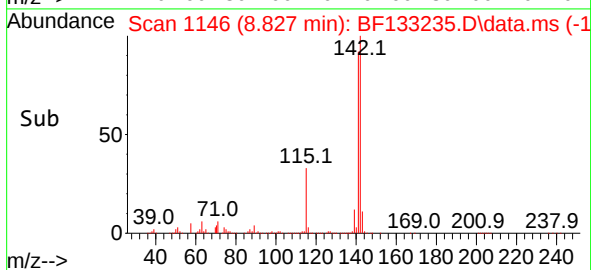
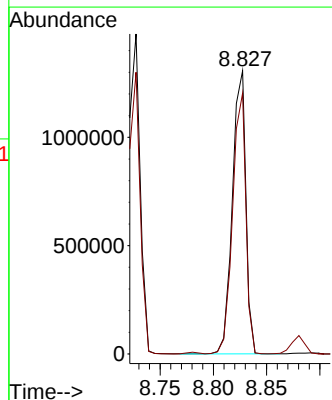
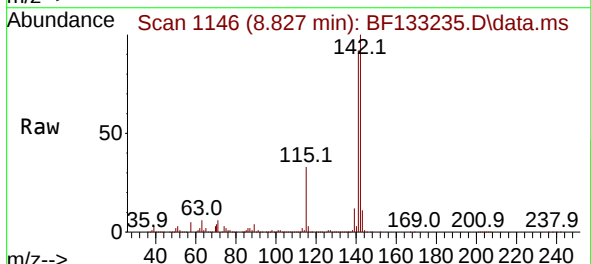
Instrument :
BNA_F
ClientSampleId :
TF-1MS

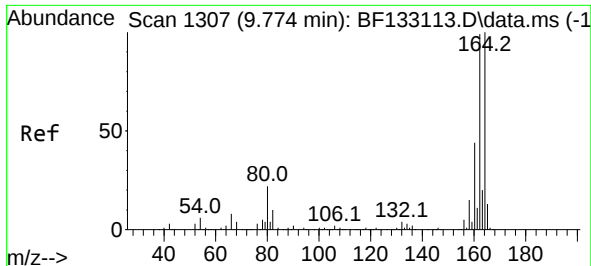
Tgt Ion:142 Resp: 1220008
Ion Ratio Lower Upper
142 100
141 88.1 69.4 104.0



#38
1-Methylnaphthalene
Concen: 43.258 ng
RT: 8.827 min Scan# 1146
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

Tgt Ion:142 Resp: 1145604
Ion Ratio Lower Upper
142 100
141 92.1 73.1 109.7

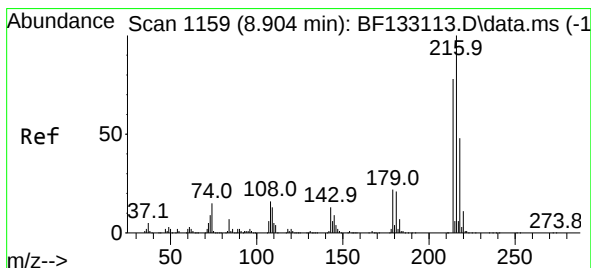
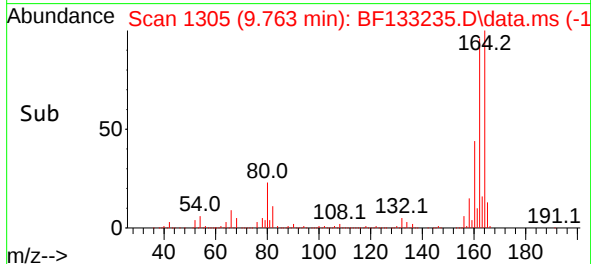
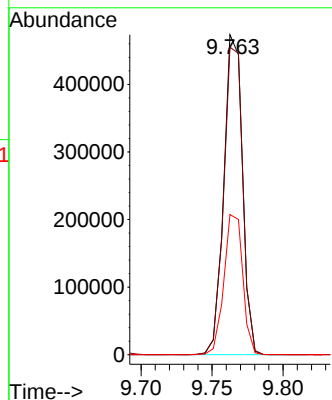
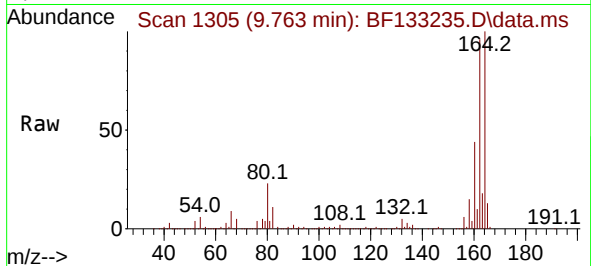




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 111
Delta R.T. -0.006 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

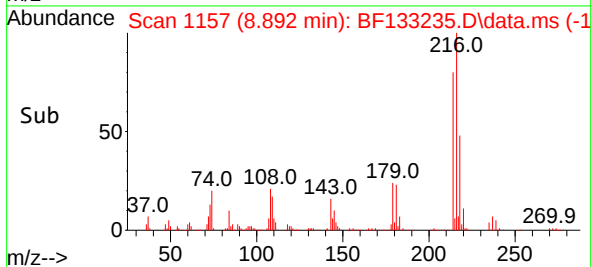
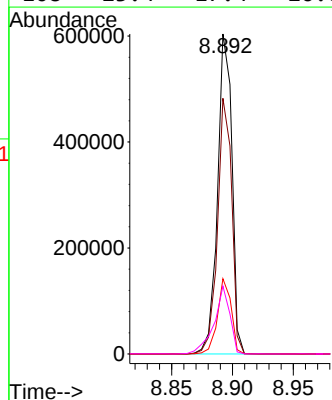
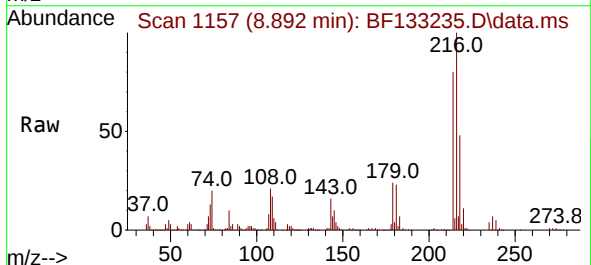
Instrument :
BNA_F
ClientSampleId :
TF-1MS

Tgt Ion:164 Resp: 430546
Ion Ratio Lower Upper
164 100
162 96.1 78.7 118.1
160 43.8 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.925 ng
RT: 8.892 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

Tgt Ion:216 Resp: 496909
Ion Ratio Lower Upper
216 100
214 78.7 63.5 95.3
179 22.5 17.4 26.2
108 23.4 17.4 26.0

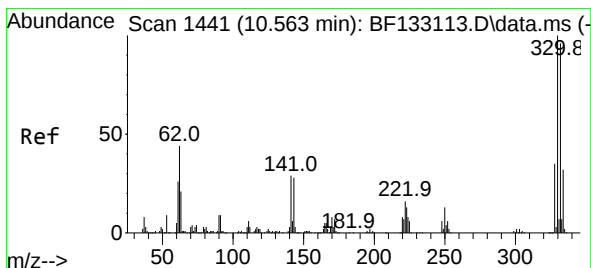
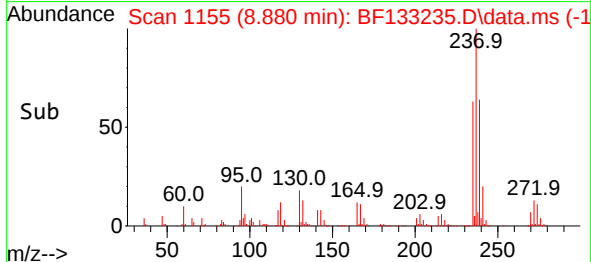
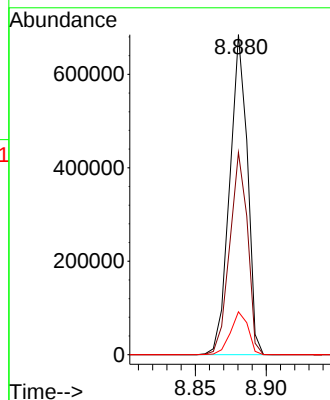
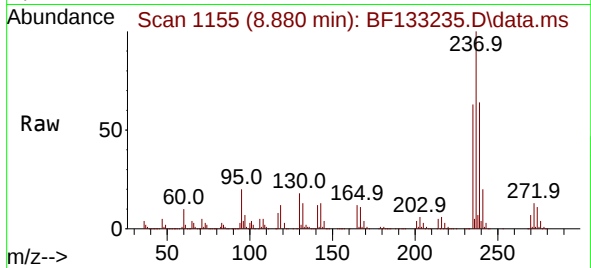




#41
Hexachlorocyclopentadiene
Concen: 87.894 ng
RT: 8.880 min Scan# 1155
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

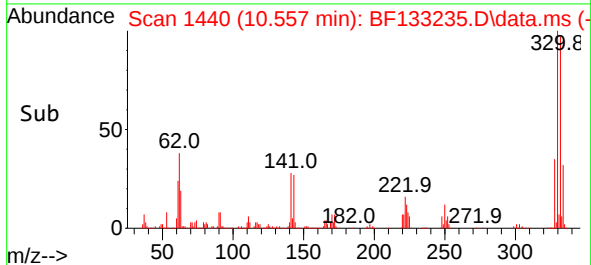
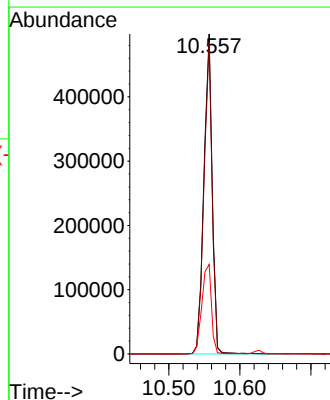
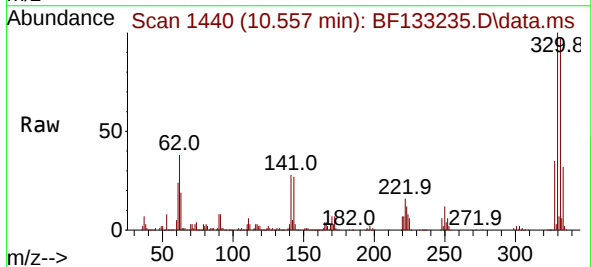
Instrument :
BNA_F
ClientSampleId :
TF-1MS

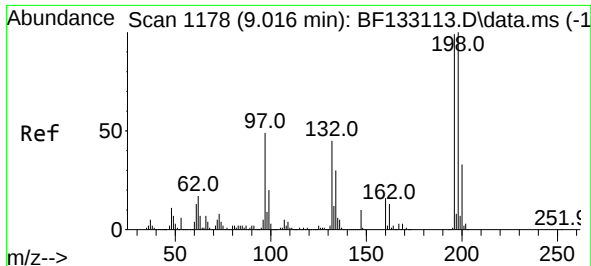
Tgt Ion:237 Resp: 593397
Ion Ratio Lower Upper
237 100
235 63.2 43.5 83.5
272 13.4 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 94.489 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

Tgt Ion:330 Resp: 409136
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 32.3 25.8 38.8

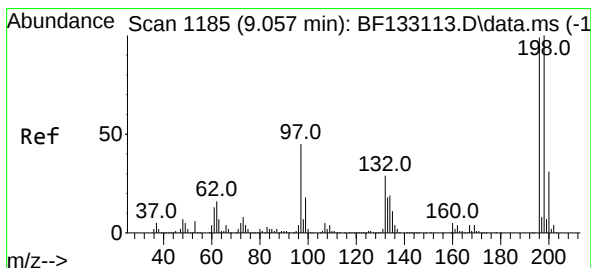
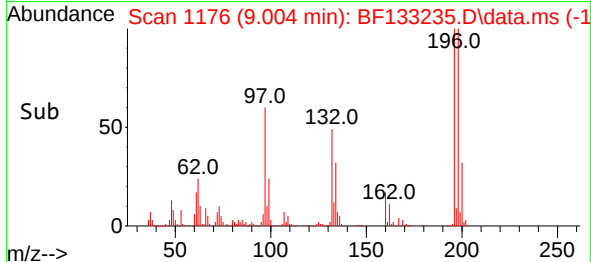
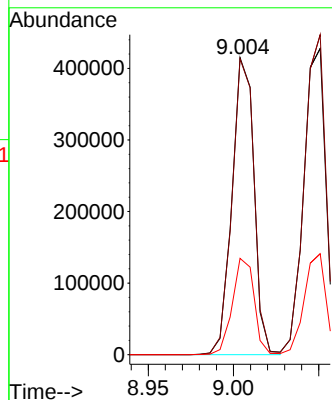
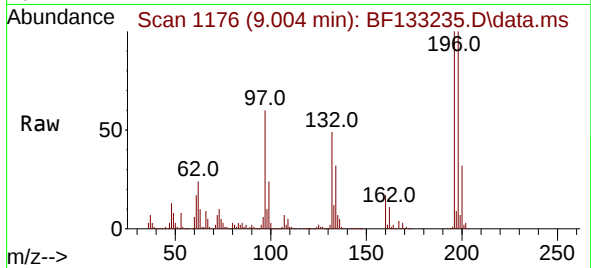




#43
2,4,6-Trichlorophenol
Concen: 46.647 ng
RT: 9.004 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

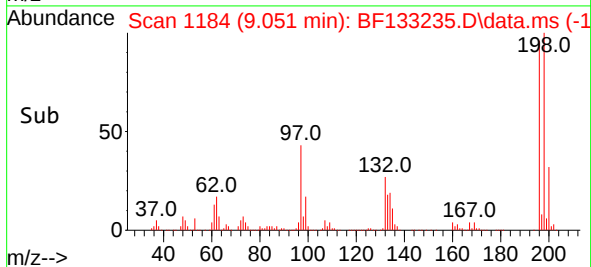
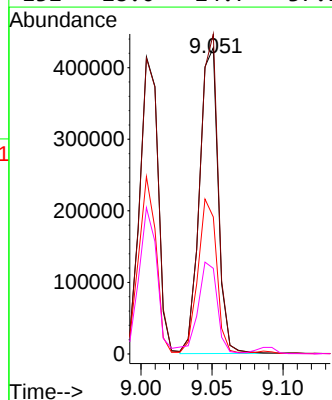
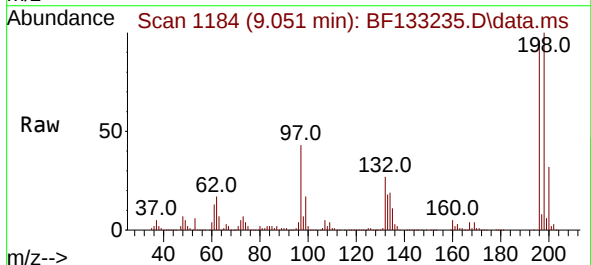
Instrument :
BNA_F
ClientSampleId :
TF-1MS

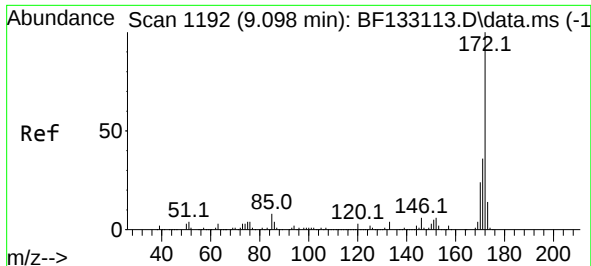
Tgt Ion:196 Resp: 373443
Ion Ratio Lower Upper
196 100
198 99.6 81.0 121.6
200 32.4 26.1 39.1



#44
2,4,5-Trichlorophenol
Concen: 42.377 ng
RT: 9.051 min Scan# 1184
Delta R.T. 0.006 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

Tgt Ion:196 Resp: 392361
Ion Ratio Lower Upper
196 100
198 104.5 80.9 121.3
97 44.7 41.3 61.9
132 28.0 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 66.293 ng

RT: 9.092 min Scan# 1192

Delta R.T. -0.000 min

Lab File: BF133235.D

Acq: 04 May 2023 17:31

Instrument :

BNA_F

ClientSampleId :

TF-1MS

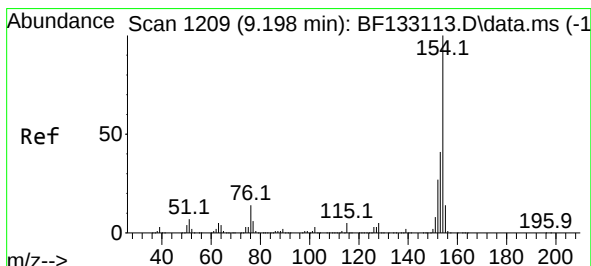
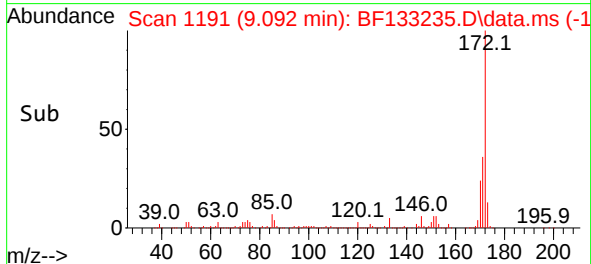
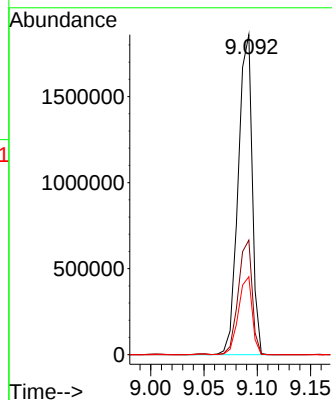
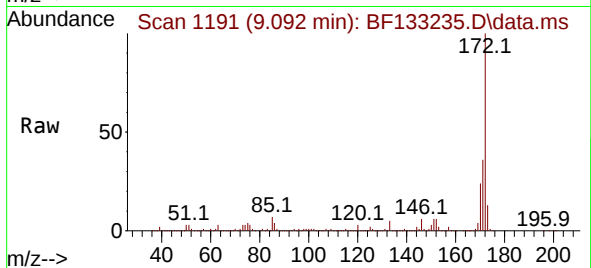
Tgt Ion:172 Resp: 1706060

Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 24.3 19.4 29.2



#46

1,1'-Biphenyl

Concen: 43.703 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.000 min

Lab File: BF133235.D

Acq: 04 May 2023 17:31

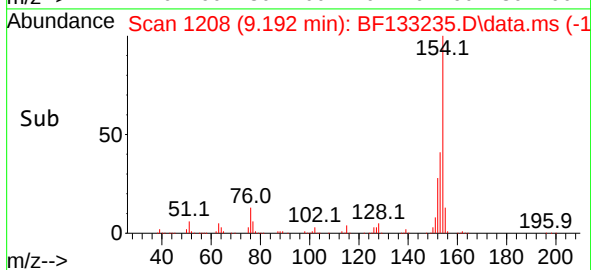
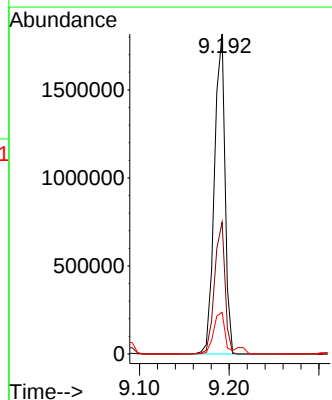
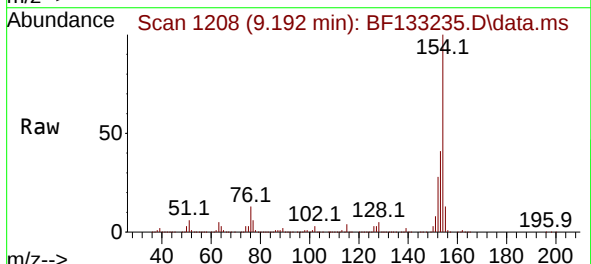
Tgt Ion:154 Resp: 1492020

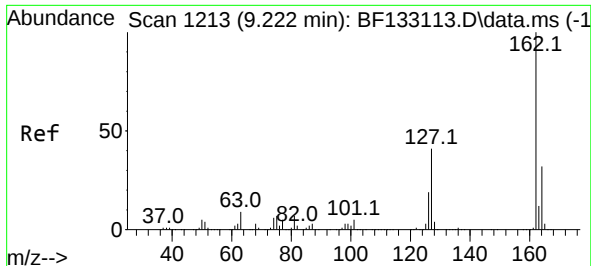
Ion Ratio Lower Upper

154 100

153 41.1 21.0 61.0

76 13.0 0.0 34.5





#47

2-Chloronaphthalene

Concen: 45.529 ng

RT: 9.216 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133235.D

Acq: 04 May 2023 17:31

Instrument :

BNA_F

ClientSampleId :

TF-1MS

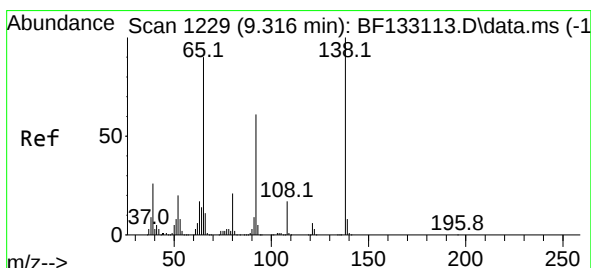
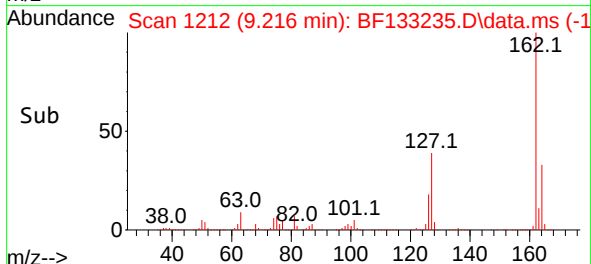
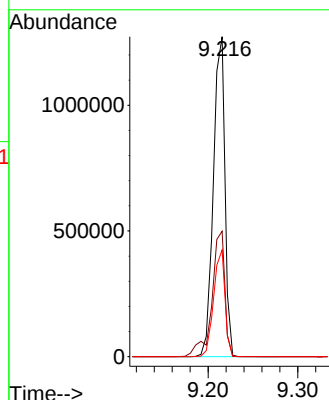
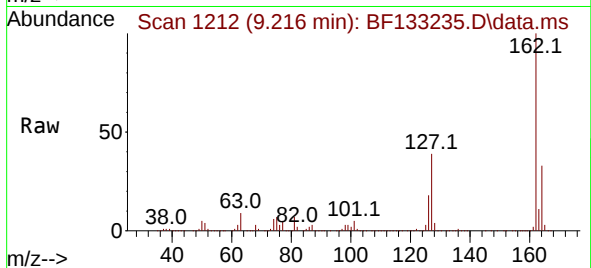
Tgt Ion:162 Resp: 1137691

Ion Ratio Lower Upper

162 100

127 39.2 32.3 48.5

164 33.4 26.8 40.2



#48

2-Nitroaniline

Concen: 44.828 ng

RT: 9.310 min Scan# 1228

Delta R.T. -0.000 min

Lab File: BF133235.D

Acq: 04 May 2023 17:31

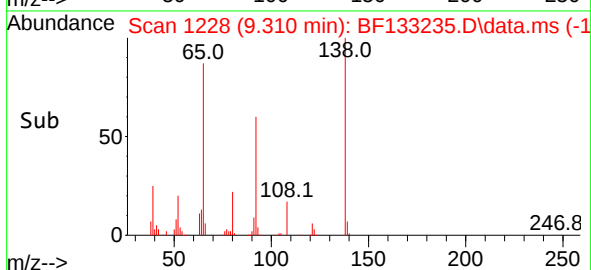
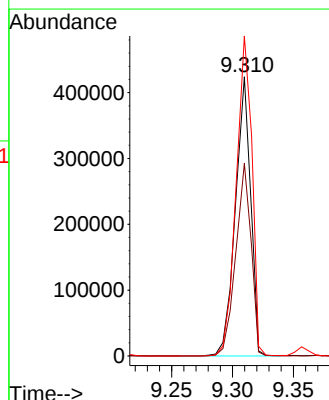
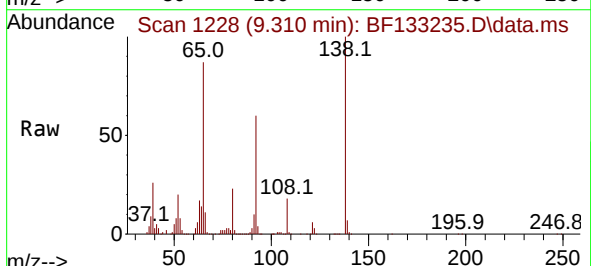
Tgt Ion: 65 Resp: 370219

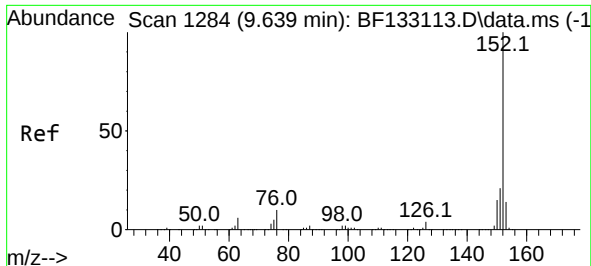
Ion Ratio Lower Upper

65 100

92 69.0 55.4 83.0

138 114.6 98.2 147.2





#49

Acenaphthylene

Concen: 44.329 ng

RT: 9.627 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133235.D

Acq: 04 May 2023 17:31

Instrument :

BNA_F

ClientSampleId :

TF-1MS

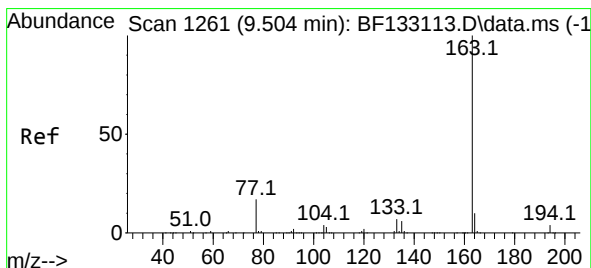
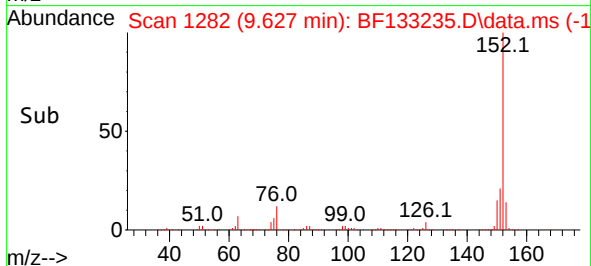
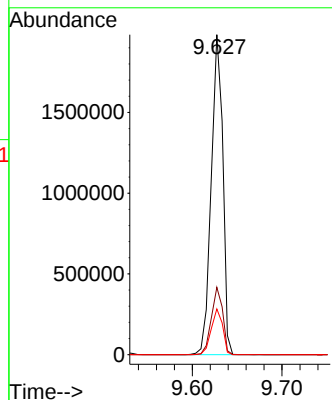
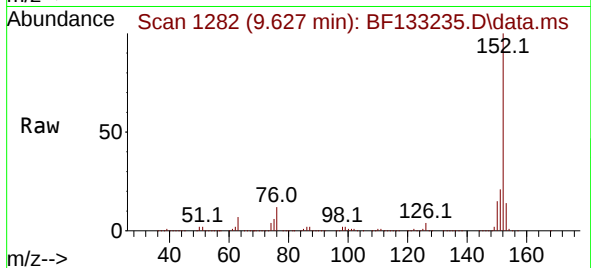
Tgt Ion:152 Resp: 1769957

Ion Ratio Lower Upper

152 100

151 21.0 16.6 24.8

153 14.3 11.5 17.3



#50

Dimethylphthalate

Concen: 44.610 ng

RT: 9.498 min Scan# 1260

Delta R.T. -0.000 min

Lab File: BF133235.D

Acq: 04 May 2023 17:31

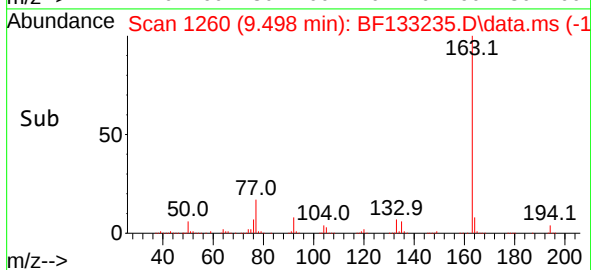
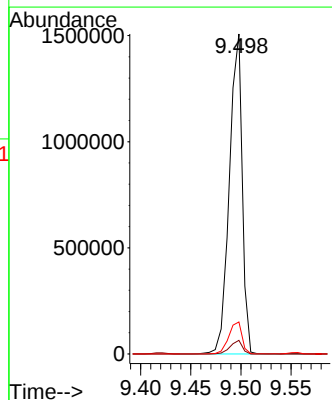
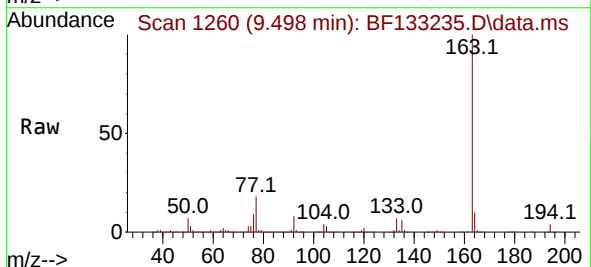
Tgt Ion:163 Resp: 1339252

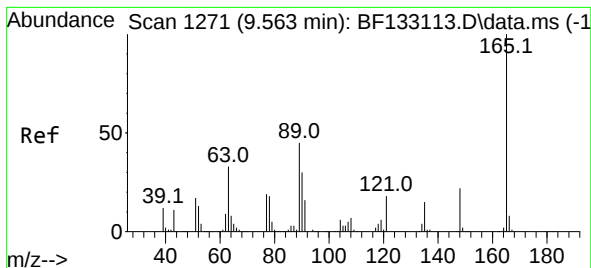
Ion Ratio Lower Upper

163 100

194 4.3 3.1 4.7

164 10.0 8.5 12.7

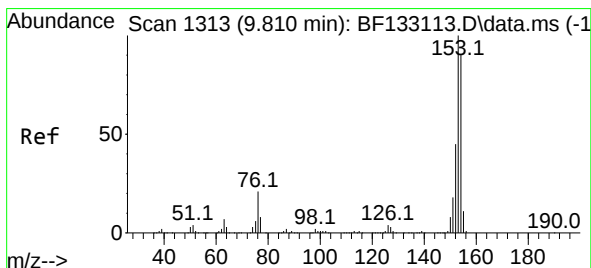
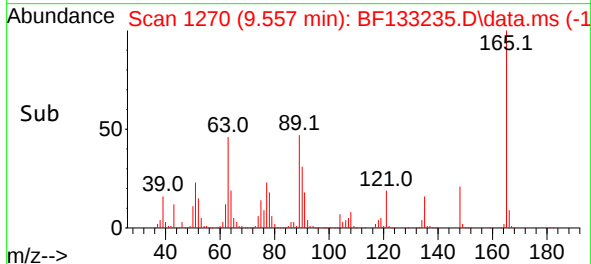
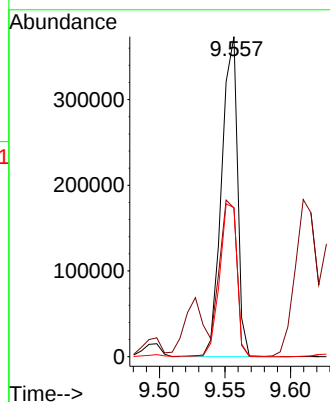
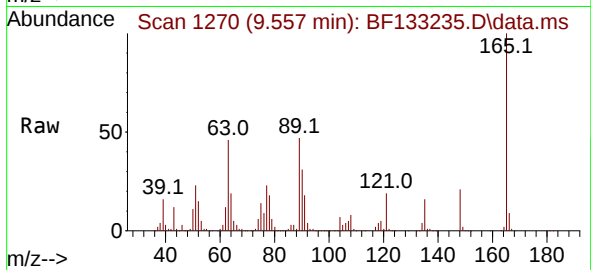




#51
2,6-Dinitrotoluene
Concen: 46.659 ng
RT: 9.557 min Scan# 1111
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

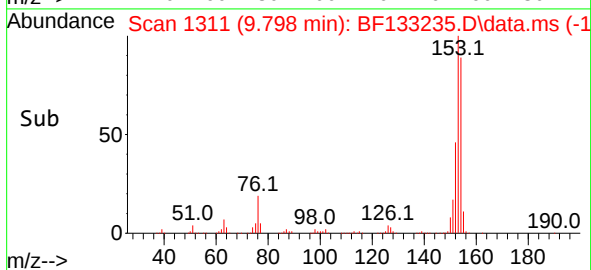
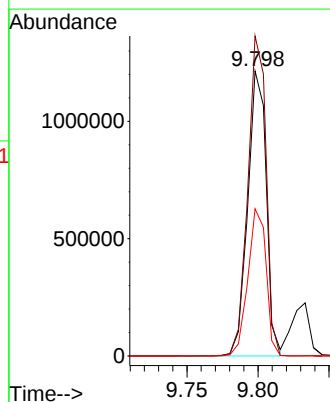
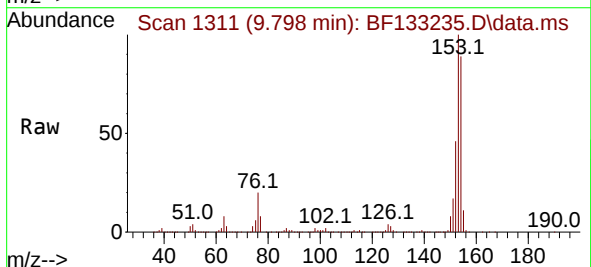
Instrument :
BNA_F
ClientSampleId :
TF-1MS

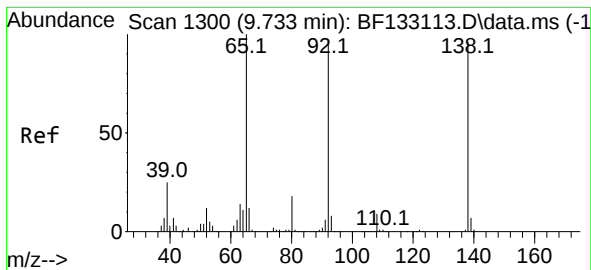
Tgt Ion:165 Resp: 315275
Ion Ratio Lower Upper
165 100
63 46.5 45.9 68.9
89 46.6 44.0 66.0



#52
Acenaphthene
Concen: 41.264 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

Tgt Ion:154 Resp: 1103461
Ion Ratio Lower Upper
154 100
153 112.3 89.0 133.6
152 51.6 40.4 60.6





#53

3-Nitroaniline

Concen: 29.588 ng

RT: 9.721 min Scan# 1298

Delta R.T. -0.000 min

Lab File: BF133235.D

Acq: 04 May 2023 17:31

Instrument :

BNA_F

ClientSampleId :

TF-1MS

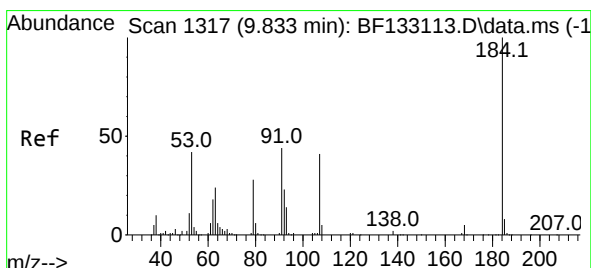
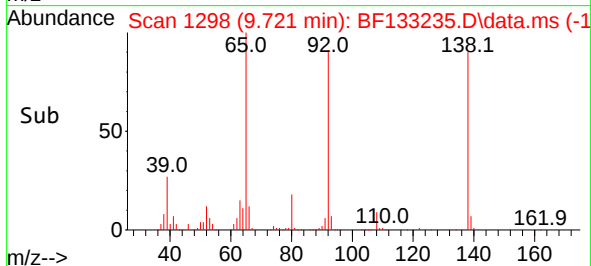
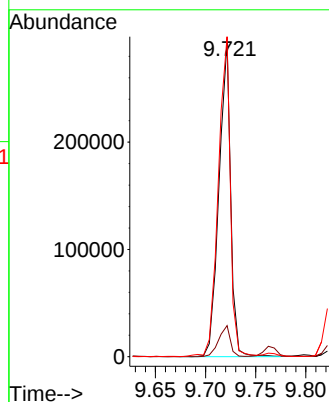
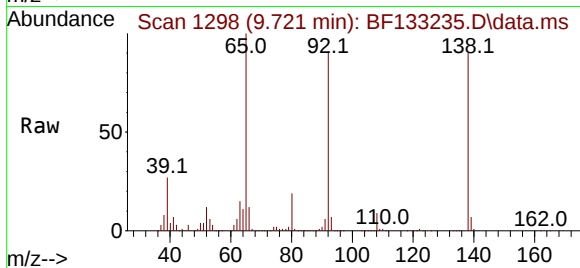
Tgt Ion:138 Resp: 237717

Ion Ratio Lower Upper

138 100

108 9.8 8.0 12.0

92 101.4 83.6 125.4



#54

2,4-Dinitrophenol

Concen: 100.073 ng

RT: 9.833 min Scan# 1317

Delta R.T. 0.006 min

Lab File: BF133235.D

Acq: 04 May 2023 17:31

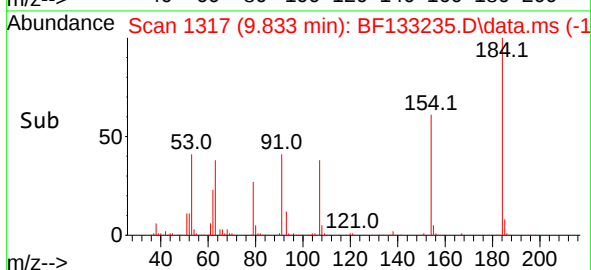
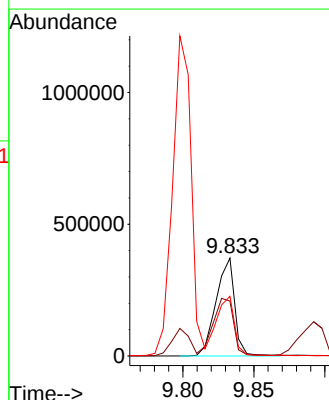
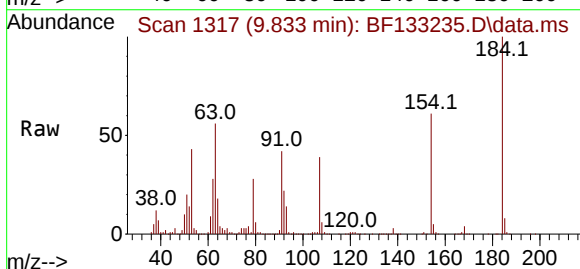
Tgt Ion:184 Resp: 339887

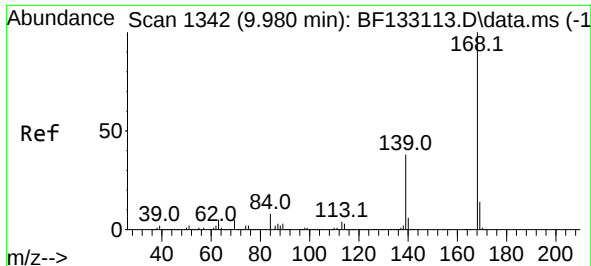
Ion Ratio Lower Upper

184 100

63 56.1 49.8 74.8

154 60.9 49.5 74.3





#55

Dibenzenofuran

Concen: 42.909 ng

RT: 9.974 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF133235.D

Acq: 04 May 2023 17:31

Instrument :

BNA_F

ClientSampleId :

TF-1MS

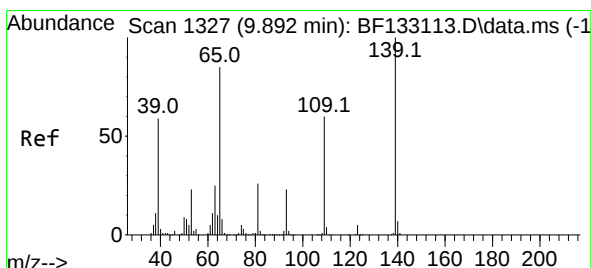
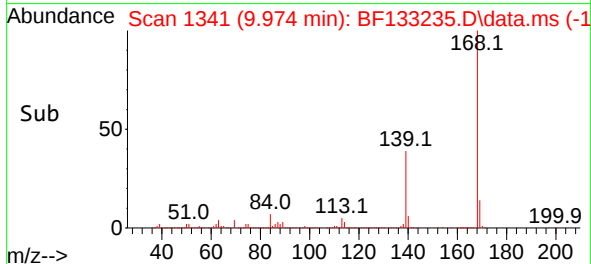
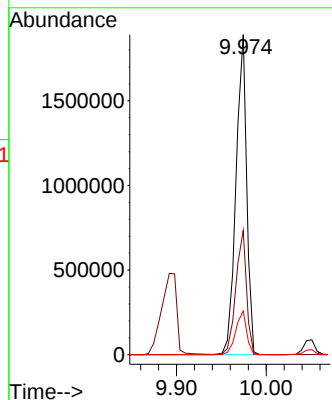
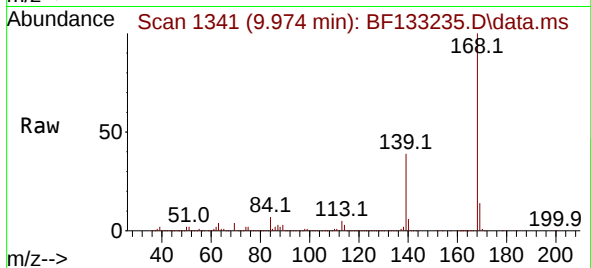
Tgt Ion:168 Resp: 1565246

Ion Ratio Lower Upper

168 100

139 38.8 29.8 44.8

169 13.7 10.8 16.2



#56

4-Nitrophenol

Concen: 91.626 ng

RT: 9.892 min Scan# 1327

Delta R.T. 0.006 min

Lab File: BF133235.D

Acq: 04 May 2023 17:31

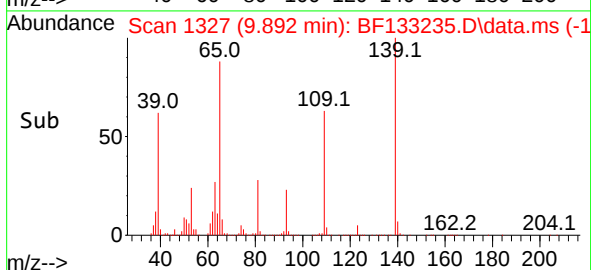
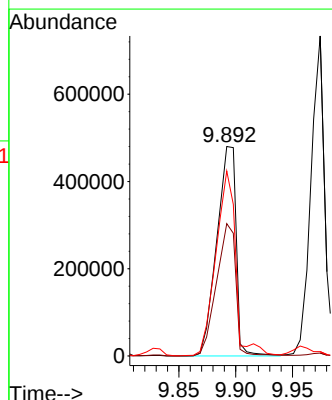
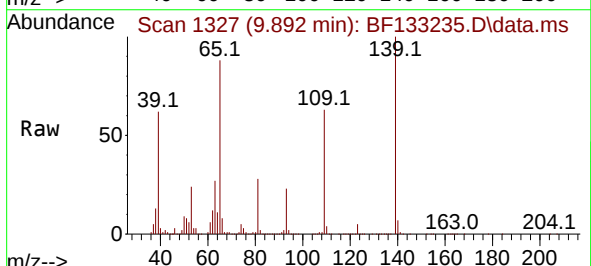
Tgt Ion:139 Resp: 570152

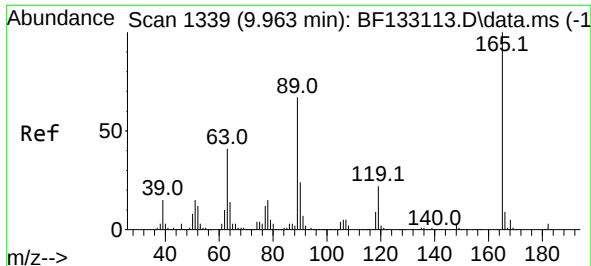
Ion Ratio Lower Upper

139 100

109 63.2 39.4 79.4

65 88.4 57.5 97.5

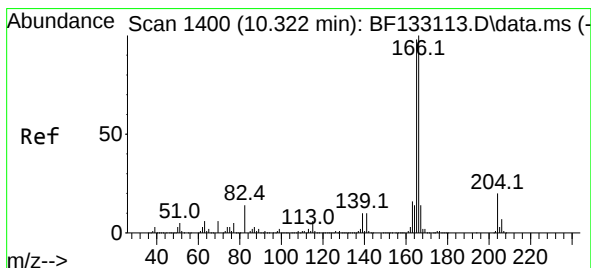
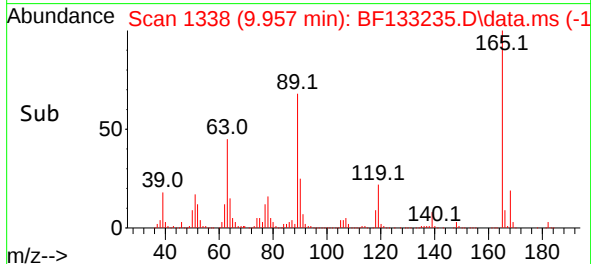
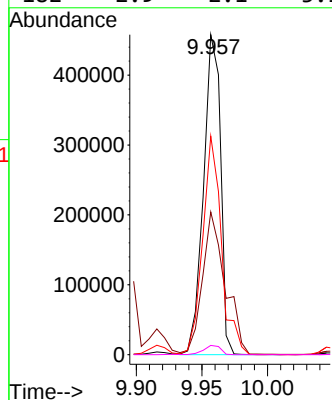
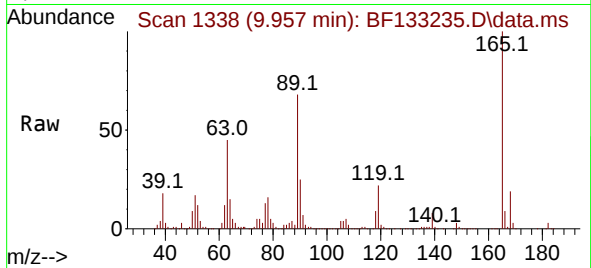




#57
2,4-Dinitrotoluene
Concen: 48.334 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

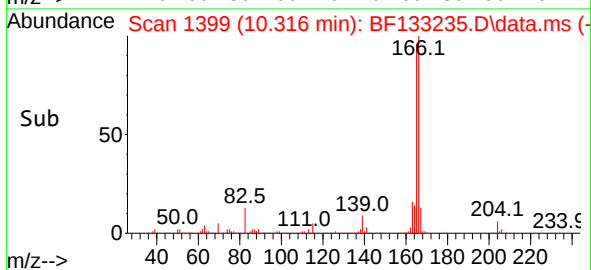
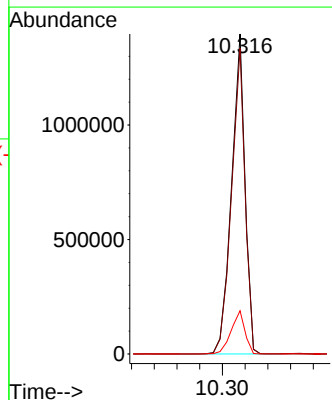
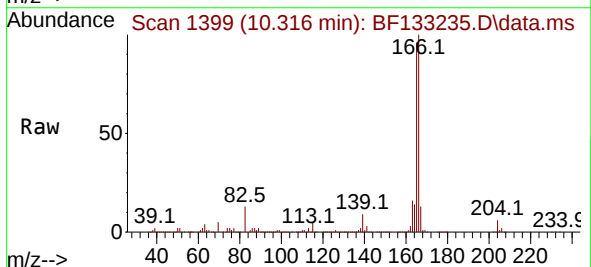
Instrument :
BNA_F
ClientSampleId :
TF-1MS

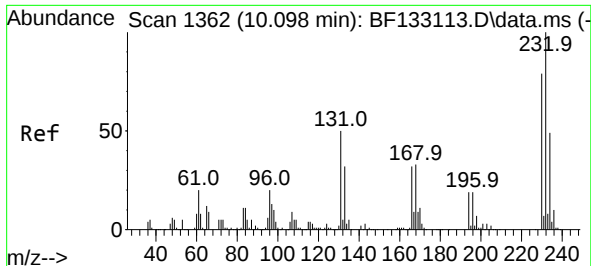
Tgt Ion:165 Resp: 416494
Ion Ratio Lower Upper
165 100
63 44.6 37.7 56.5
89 68.3 57.0 85.4
182 2.9 2.1 3.1



#58
Fluorene
Concen: 43.082 ng
RT: 10.316 min Scan# 1399
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

Tgt Ion:166 Resp: 1151373
Ion Ratio Lower Upper
166 100
165 95.5 78.6 117.8
167 13.5 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 45.194 ng

RT: 10.092 min Scan# 1361

Delta R.T. -0.000 min

Lab File: BF133235.D

Acq: 04 May 2023 17:31

Instrument :

BNA_F

ClientSampleId :

TF-IMS

Tgt Ion:232 Resp: 324402

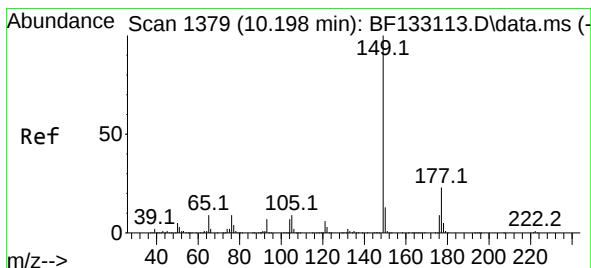
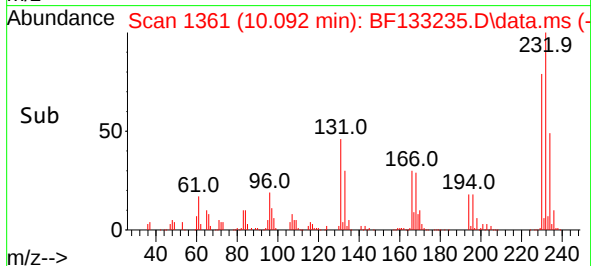
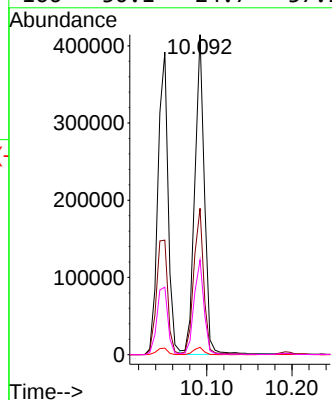
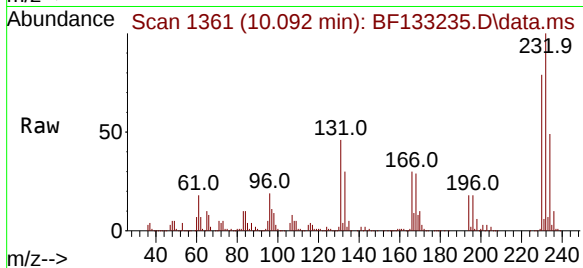
Ion Ratio Lower Upper

232 100

131 47.6 38.0 57.0

130 2.4 1.8 2.8

166 30.1 24.7 37.1



#60

Diethylphthalate

Concen: 44.572 ng

RT: 10.192 min Scan# 1378

Delta R.T. -0.000 min

Lab File: BF133235.D

Acq: 04 May 2023 17:31

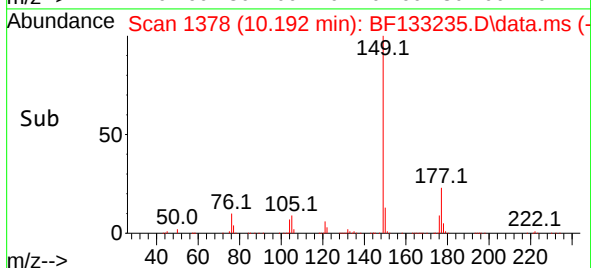
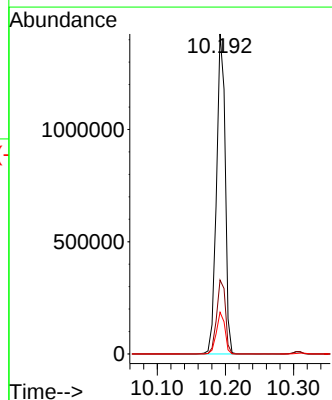
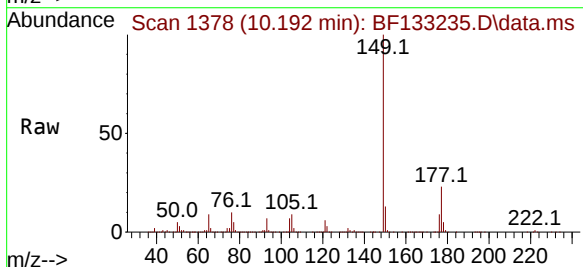
Tgt Ion:149 Resp: 1263913

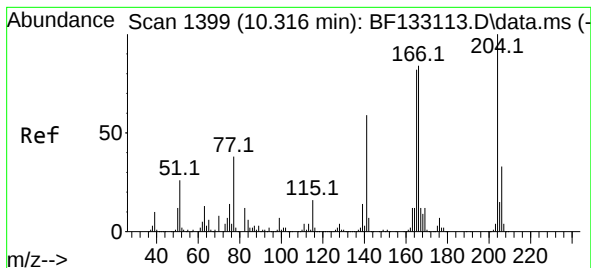
Ion Ratio Lower Upper

149 100

177 23.1 18.2 27.4

150 13.1 10.2 15.4

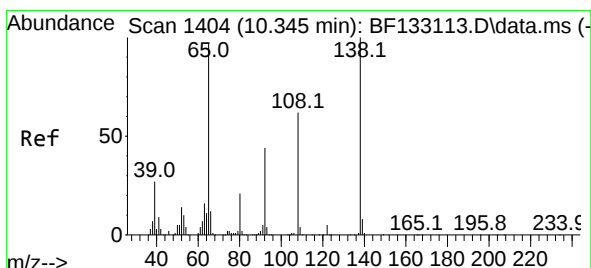
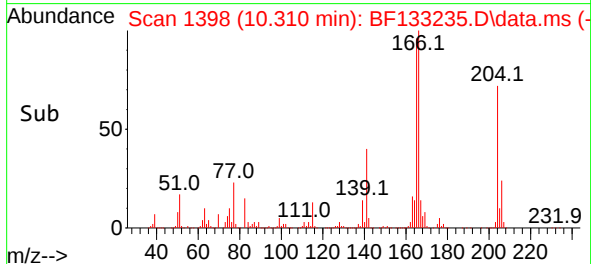
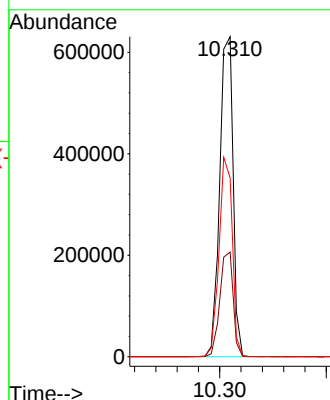
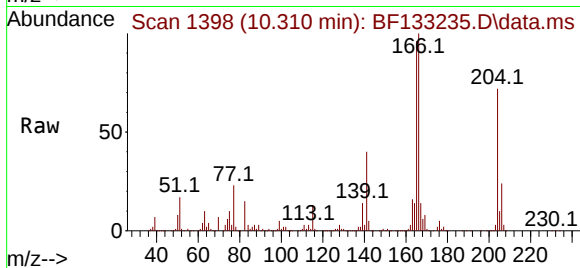




#61
4-Chlorophenyl-phenylether
Concen: 42.038 ng
RT: 10.310 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

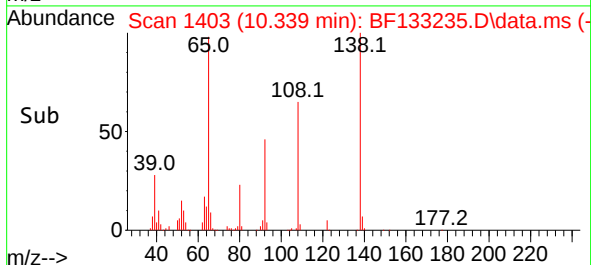
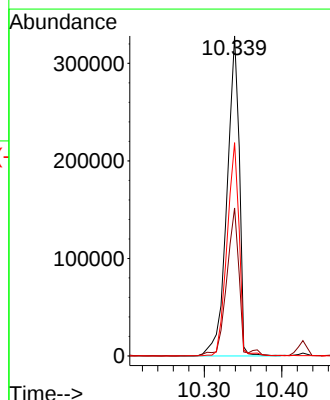
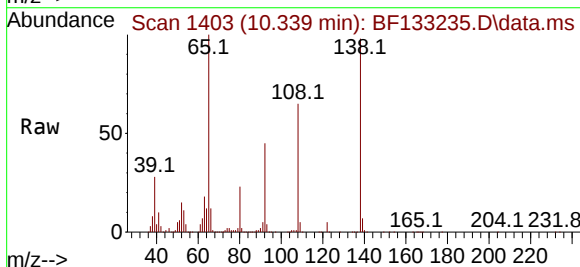
Instrument :
BNA_F
ClientSampleId :
TF-1MS

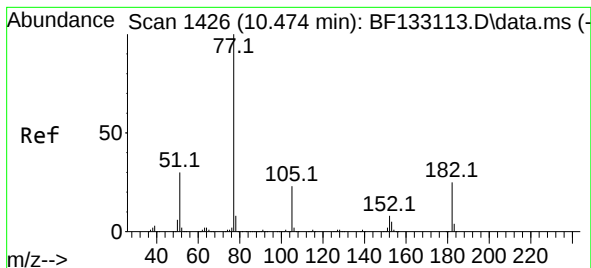
Tgt Ion:204 Resp: 547500
Ion Ratio Lower Upper
204 100
206 32.7 26.1 39.1
141 55.9 46.1 69.1



#62
4-Nitroaniline
Concen: 49.148 ng
RT: 10.339 min Scan# 1403
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

Tgt Ion:138 Resp: 362921
Ion Ratio Lower Upper
138 100
92 46.2 27.7 67.7
108 66.6 45.2 85.2





#63

Azobenzene

Concen: 44.331 ng

RT: 10.468 min Scan# 1426

Delta R.T. -0.000 min

Lab File: BF133235.D

Acq: 04 May 2023 17:31

Instrument :

BNA_F

ClientSampleId :

TF-1MS

Tgt Ion: 77 Resp: 1331693

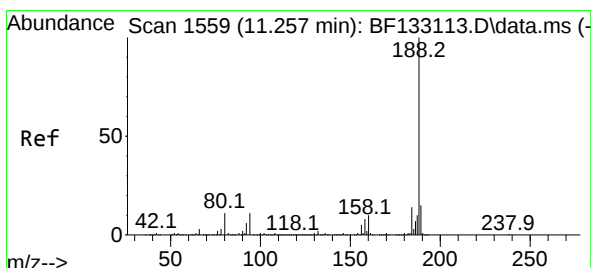
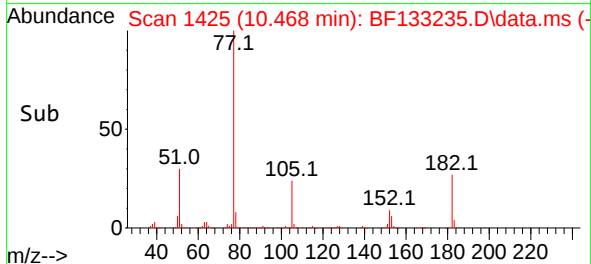
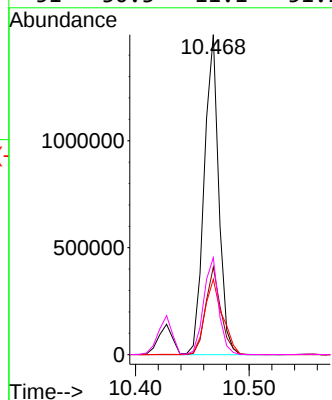
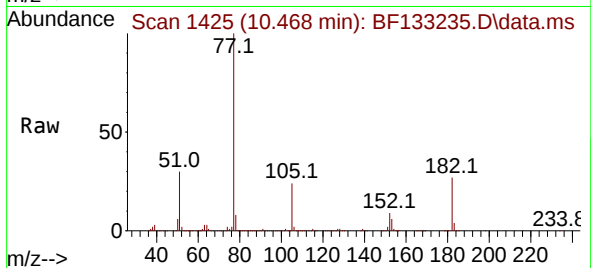
Ion Ratio Lower Upper

77 100

182 27.4 5.9 45.9

105 23.5 2.3 42.3

51 30.3 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: BF133235.D

Acq: 04 May 2023 17:31

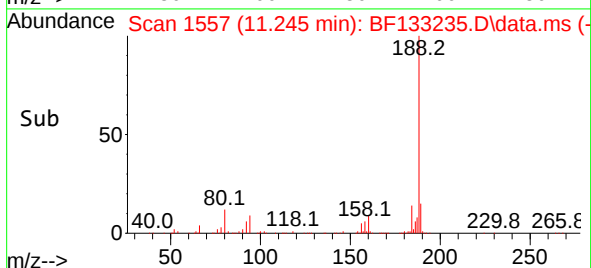
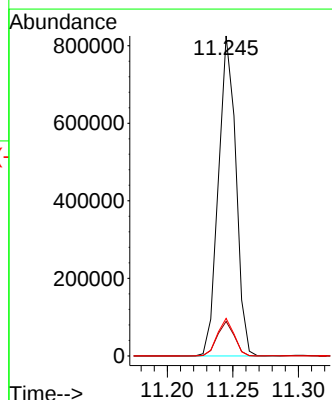
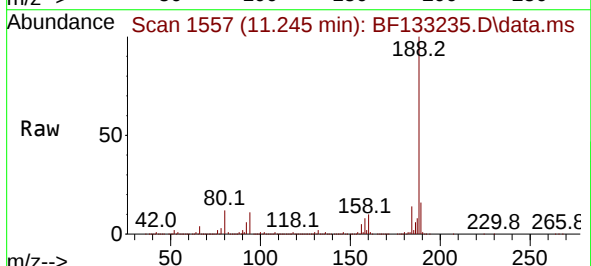
Tgt Ion:188 Resp: 763430

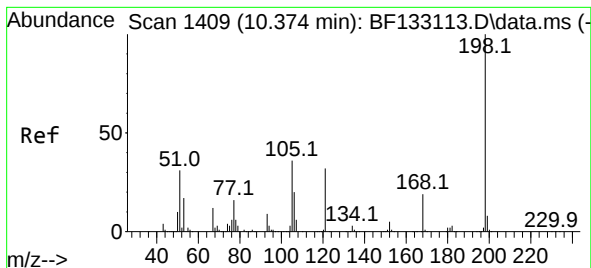
Ion Ratio Lower Upper

188 100

94 10.8 9.7 14.5

80 11.7 10.4 15.6

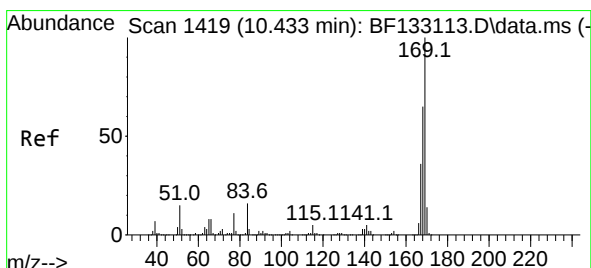
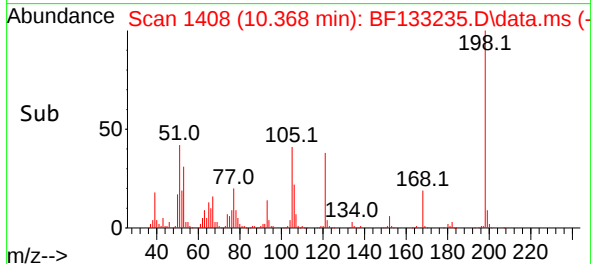
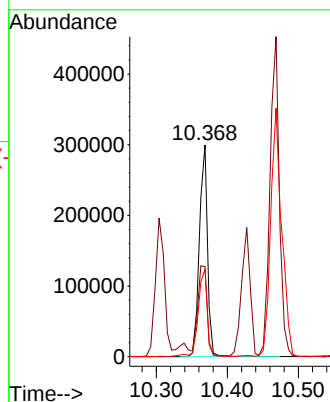
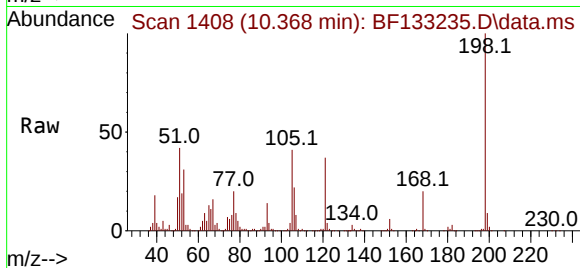




#65
4,6-Dinitro-2-methylphenol
Concen: 51.815 ng
RT: 10.368 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

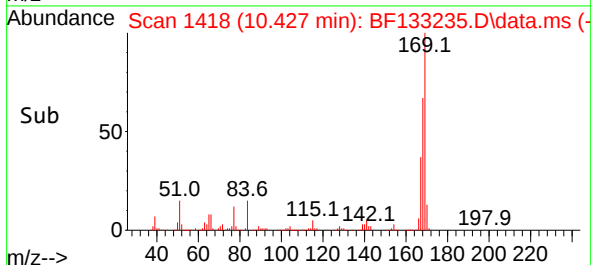
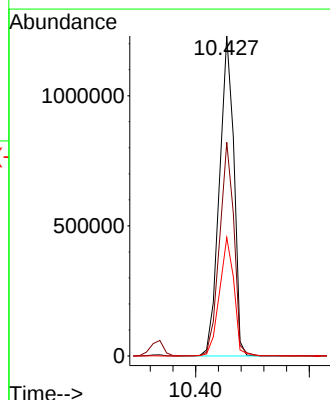
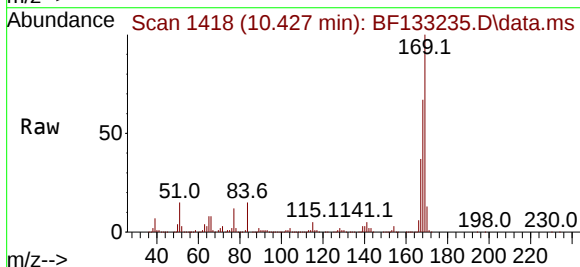
Instrument :
BNA_F
ClientSampleId :
TF-1MS

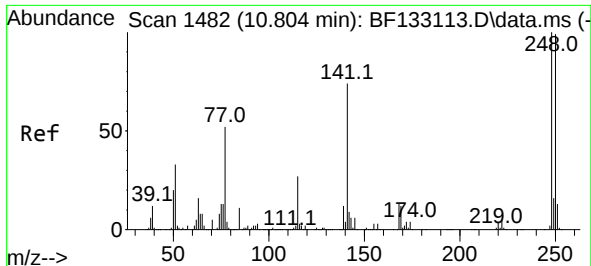
Tgt Ion:198 Resp: 239766
Ion Ratio Lower Upper
198 100
51 42.5 15.5 55.5
105 41.3 16.7 56.7



#66
n-Nitrosodiphenylamine
Concen: 43.934 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

Tgt Ion:169 Resp: 1087966
Ion Ratio Lower Upper
169 100
168 66.8 53.8 80.8
167 37.0 29.7 44.5

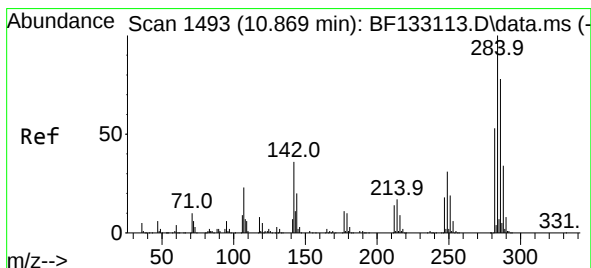
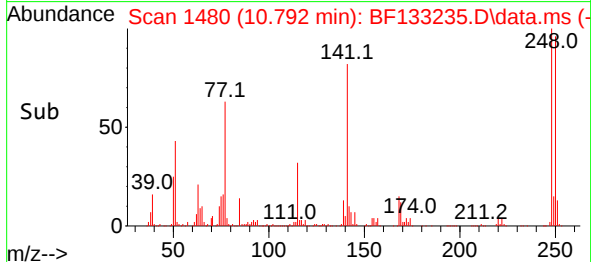
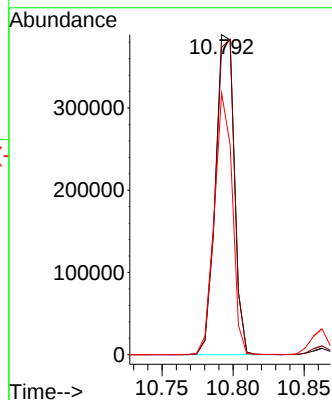
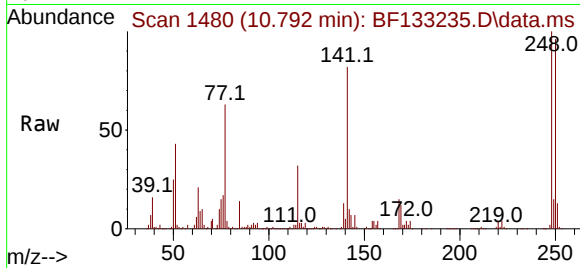




#67
4-Bromophenyl-phenylether
Concen: 43.363 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.006 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

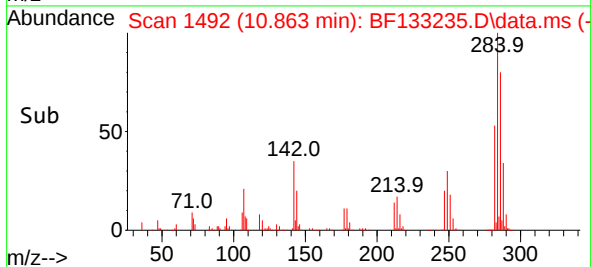
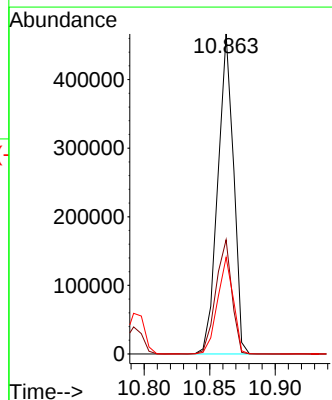
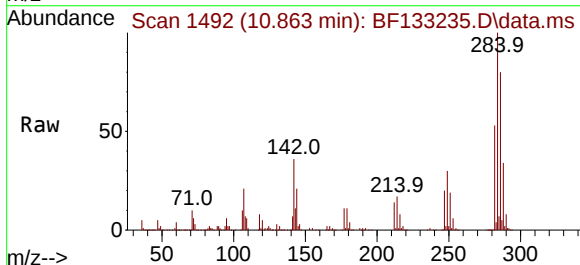
Instrument :
BNA_F
ClientSampleId :
TF-1MS

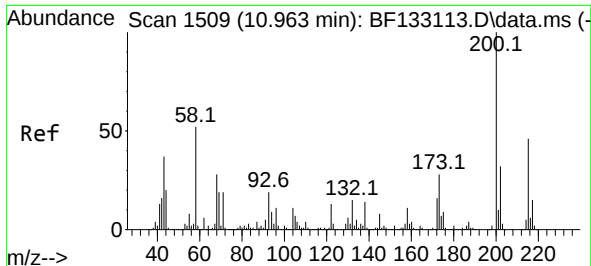
Tgt Ion:248 Resp: 359040
Ion Ratio Lower Upper
248 100
250 96.0 78.7 118.1
141 81.7 56.3 84.5



#68
Hexachlorobenzene
Concen: 45.655 ng
RT: 10.863 min Scan# 1492
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

Tgt Ion:284 Resp: 387350
Ion Ratio Lower Upper
284 100
142 35.7 26.0 39.0
249 30.2 23.7 35.5

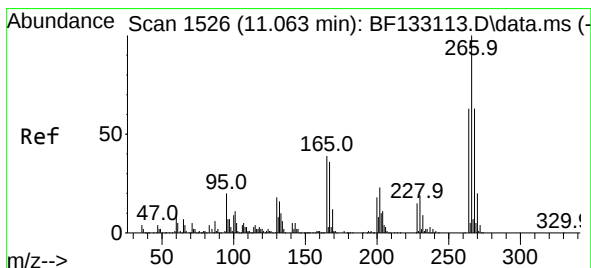
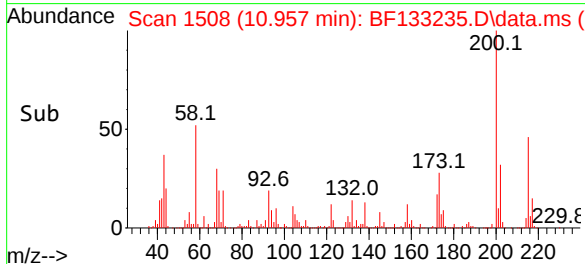
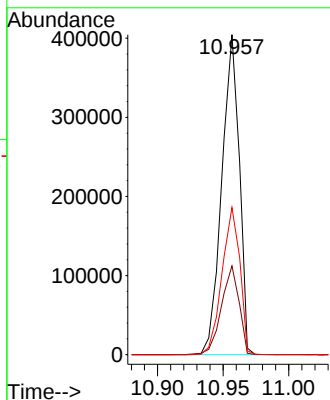
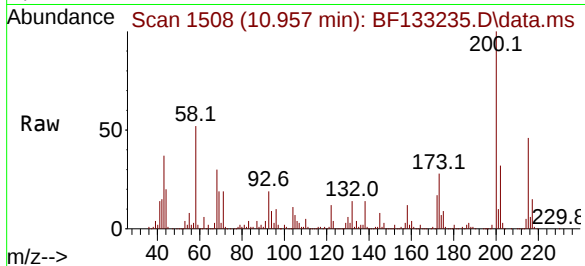




#69
Atrazine
Concen: 52.416 ng
RT: 10.957 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

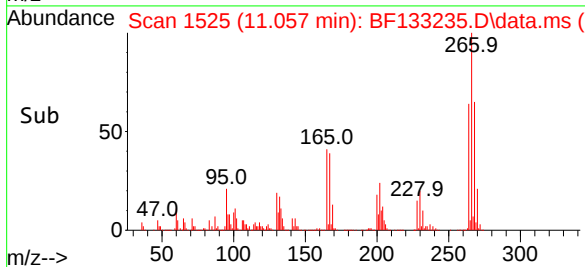
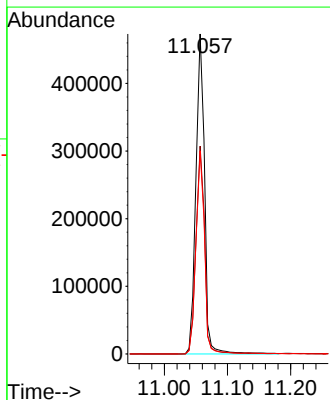
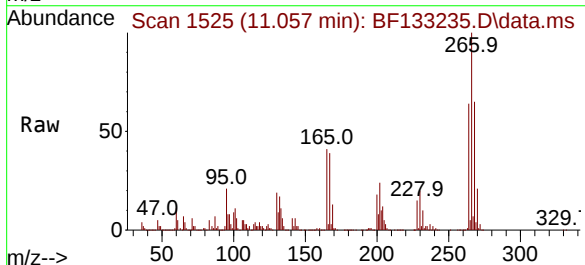
Instrument :
BNA_F
ClientSampleId :
TF-1MS

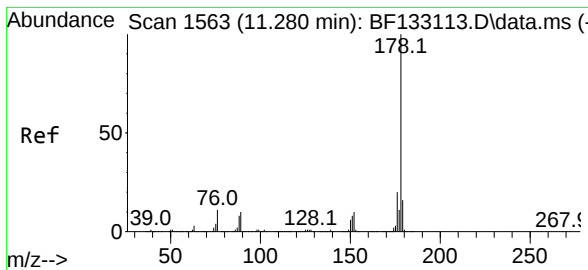
Tgt Ion:200 Resp: 374012
Ion Ratio Lower Upper
200 100
173 27.7 6.2 46.2
215 46.0 26.3 66.3



#70
Pentachlorophenol
Concen: 74.219 ng
RT: 11.057 min Scan# 1525
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

Tgt Ion:266 Resp: 448464
Ion Ratio Lower Upper
266 100
268 65.0 48.8 73.2
264 63.5 50.6 76.0



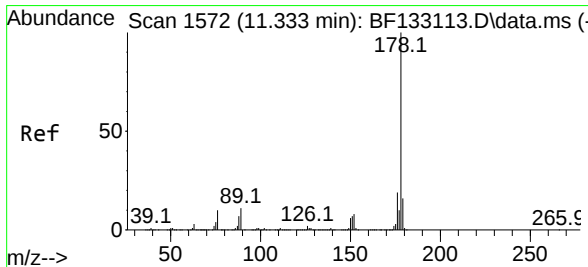
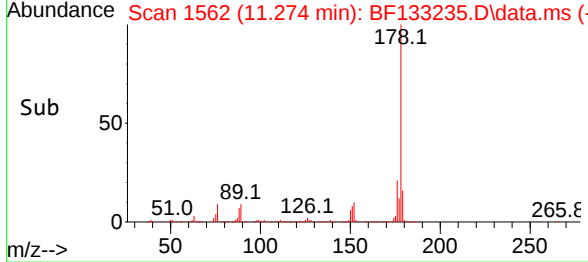
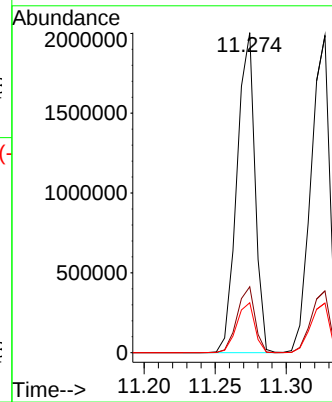
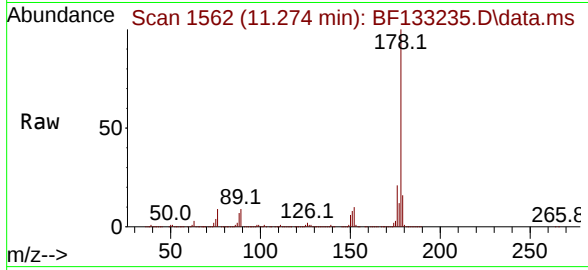


#71
 Phenanthrene
 Concen: 43.187 ng
 RT: 11.274 min Scan# 1562
 Delta R.T. -0.000 min
 Lab File: BF133235.D
 Acq: 04 May 2023 17:31

Instrument :
 BNA_F
 ClientSampleId :
 TF-1MS

Tgt Ion:178 Resp: 1772034

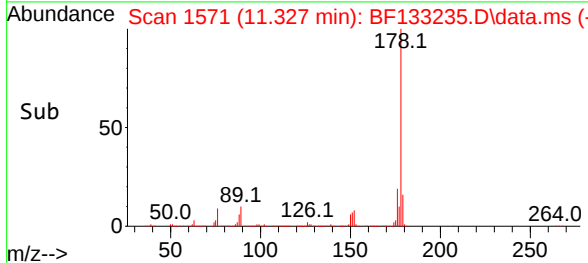
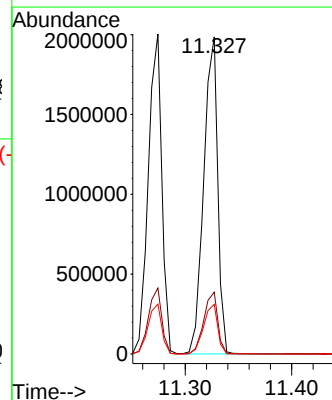
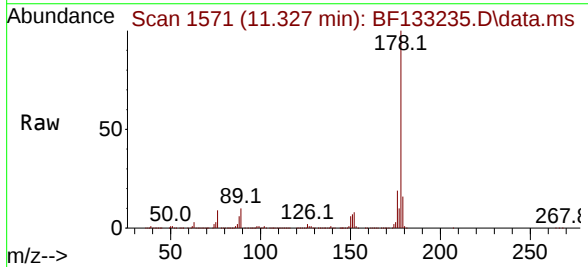
Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.9	23.9
179	15.6	12.5	18.7

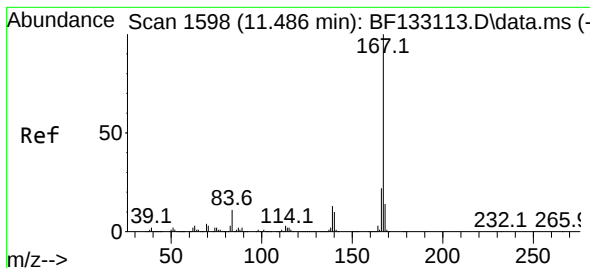


#72
 Anthracene
 Concen: 43.251 ng
 RT: 11.327 min Scan# 1571
 Delta R.T. -0.000 min
 Lab File: BF133235.D
 Acq: 04 May 2023 17:31

Tgt Ion:178 Resp: 1816191

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.0
179	15.6	12.4	18.6





#73

Carbazole

Concen: 43.996 ng

RT: 11.480 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133235.D

Acq: 04 May 2023 17:31

Instrument :

BNA_F

ClientSampleId :

TF-1MS

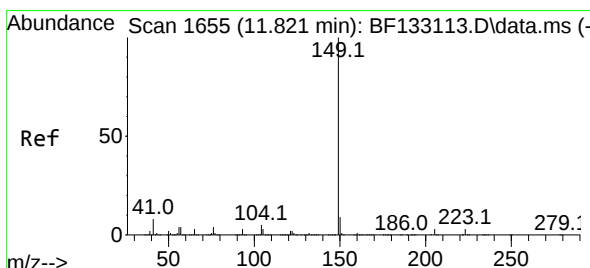
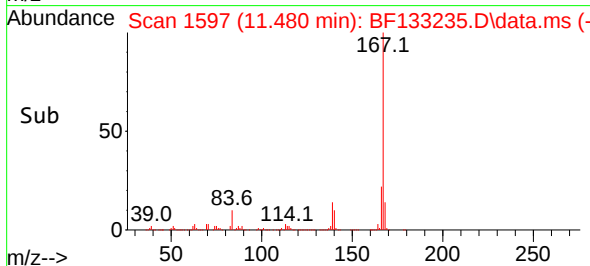
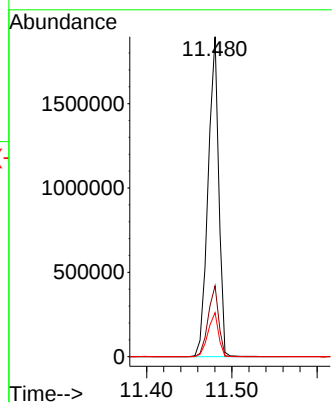
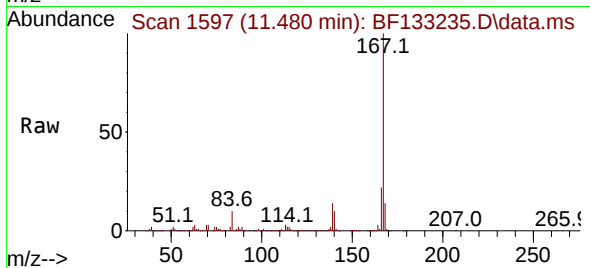
Tgt Ion:167 Resp: 1645060

Ion Ratio Lower Upper

167 100

166 22.1 17.4 26.0

139 13.8 10.6 16.0



#74

Di-n-butylphthalate

Concen: 46.667 ng

RT: 11.815 min Scan# 1654

Delta R.T. -0.000 min

Lab File: BF133235.D

Acq: 04 May 2023 17:31

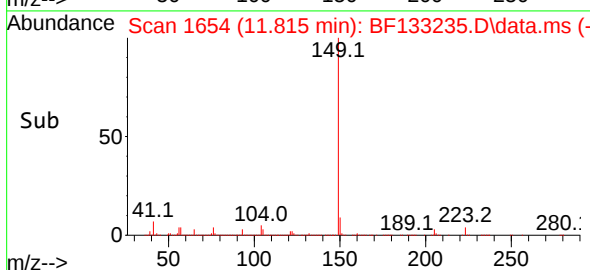
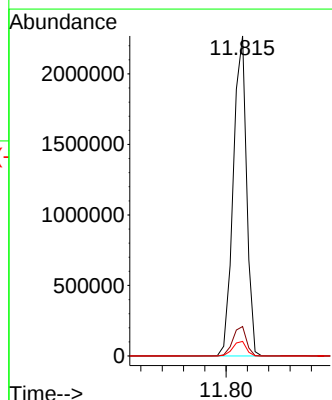
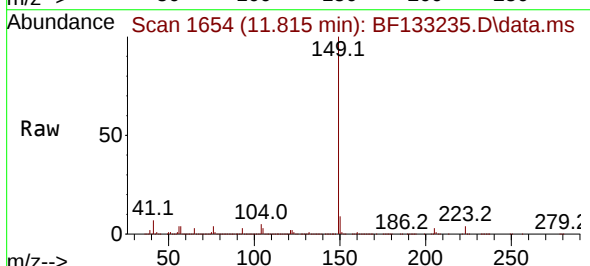
Tgt Ion:149 Resp: 1974661

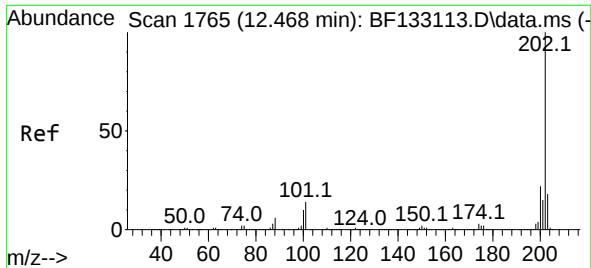
Ion Ratio Lower Upper

149 100

150 9.2 7.6 11.4

104 4.5 4.0 6.0

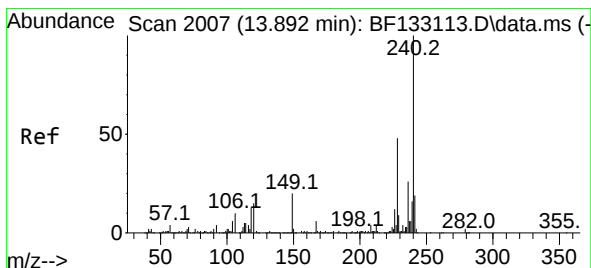
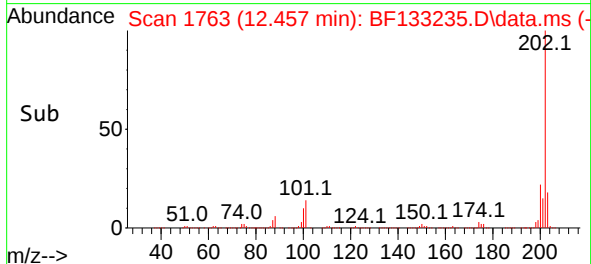
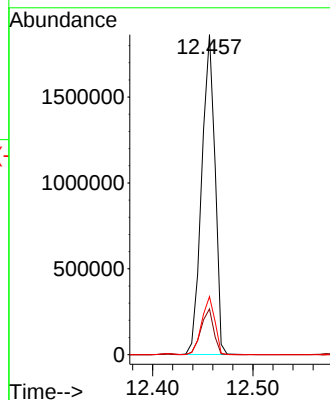
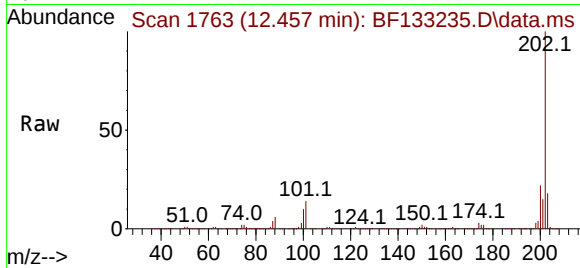




#75
Fluoranthene
Concen: 41.731 ng
RT: 12.457 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

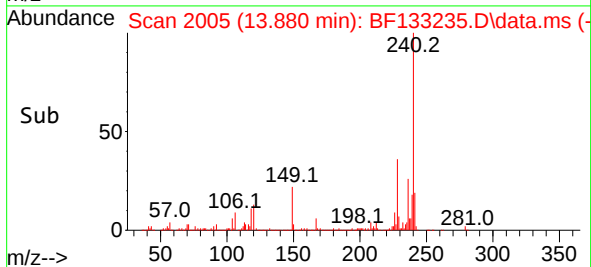
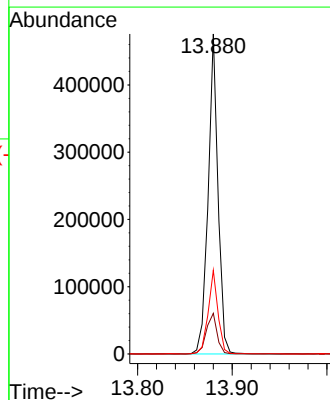
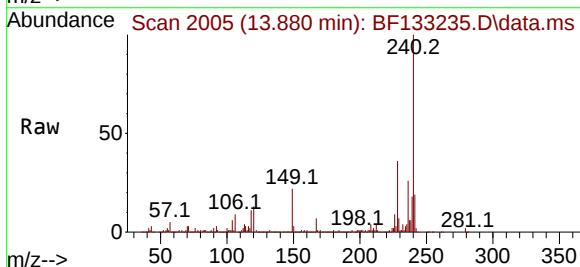
Instrument :
BNA_F
ClientSampleId :
TF-1MS

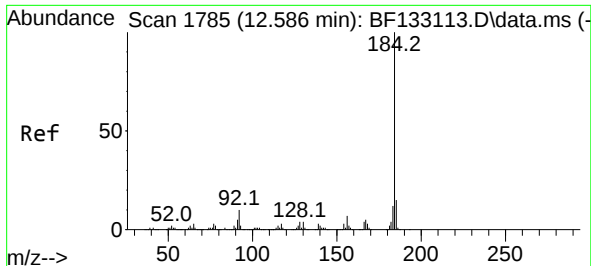
Tgt Ion:202 Resp: 1718484
Ion Ratio Lower Upper
202 100
101 14.3 0.0 35.3
203 18.2 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

Tgt Ion:240 Resp: 342932
Ion Ratio Lower Upper
240 100
120 12.7 10.5 15.7
236 26.1 21.5 32.3

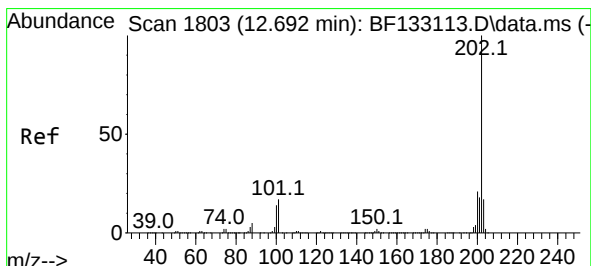
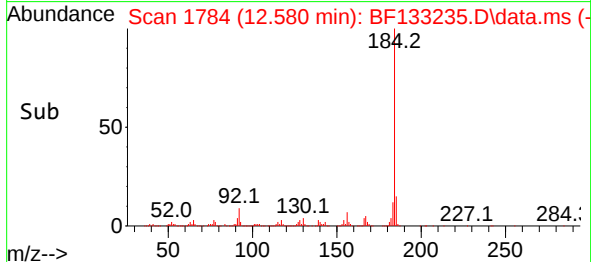
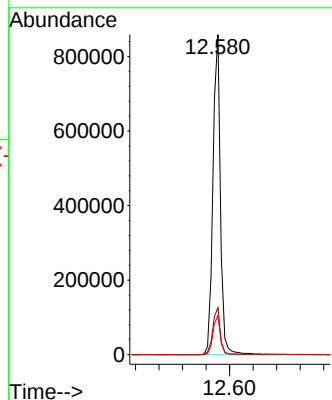
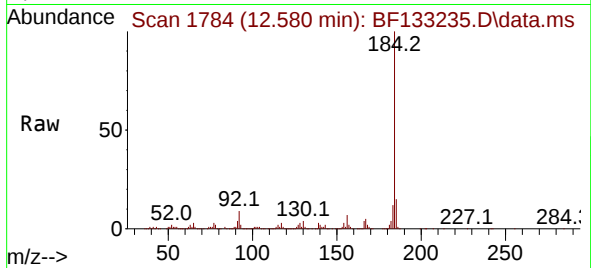




#77
Benzidine
Concen: 130.962 ng
RT: 12.580 min Scan# 1785
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

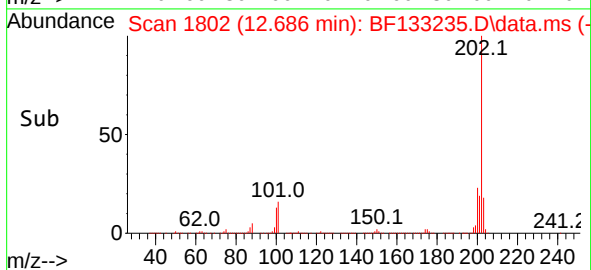
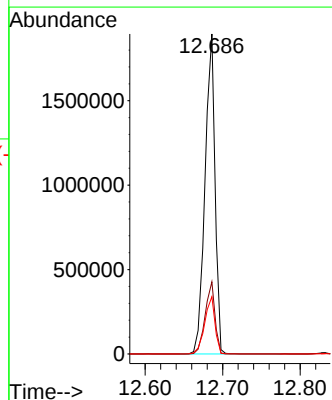
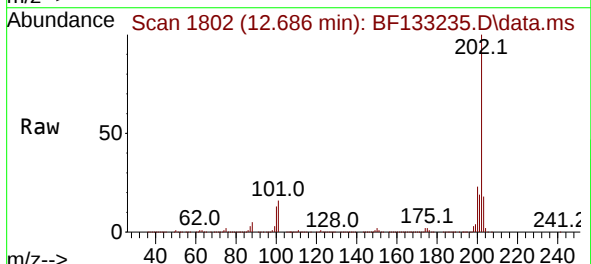
Instrument :
BNA_F
ClientSampleId :
TF-1MS

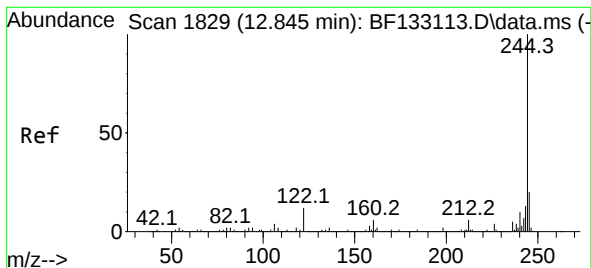
Tgt Ion:184 Resp: 759468
Ion Ratio Lower Upper
184 100
185 14.7 15.4 23.2#
183 12.3 9.4 14.0



#78
Pyrene
Concen: 57.929 ng
RT: 12.686 min Scan# 1802
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

Tgt Ion:202 Resp: 1702938
Ion Ratio Lower Upper
202 100
200 22.5 17.1 25.7
203 17.9 14.1 21.1





#79

Terphenyl-d14

Concen: 90.331 ng

RT: 12.833 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133235.D

Acq: 04 May 2023 17:31

Instrument :

BNA_F

ClientSampleId :

TF-1MS

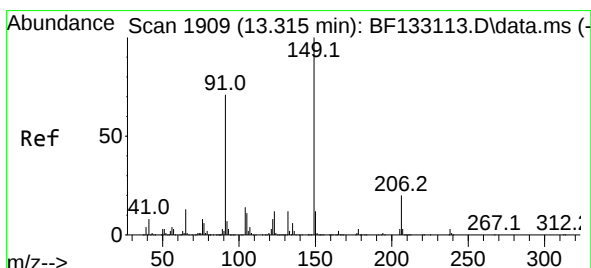
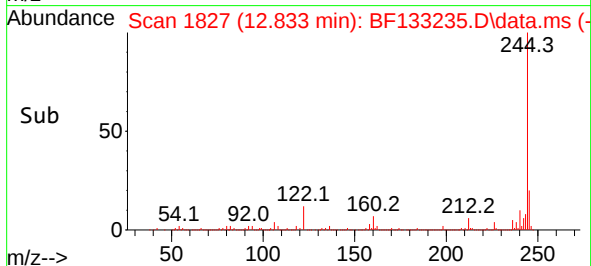
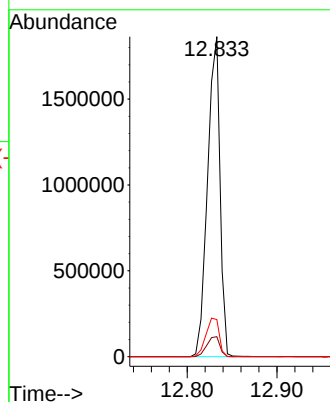
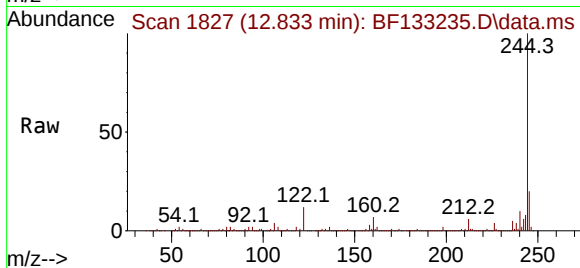
Tgt Ion:244 Resp: 1796131

Ion Ratio Lower Upper

244 100

212 6.3 5.1 7.7

122 11.6 8.6 13.0



#80

Butylbenzylphthalate

Concen: 65.249 ng

RT: 13.309 min Scan# 1908

Delta R.T. -0.000 min

Lab File: BF133235.D

Acq: 04 May 2023 17:31

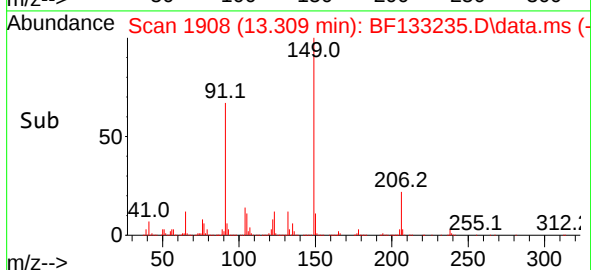
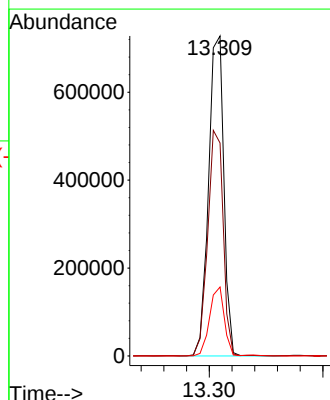
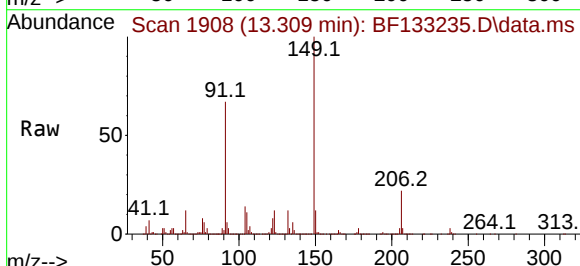
Tgt Ion:149 Resp: 679165

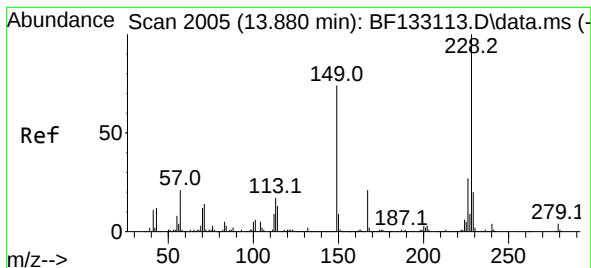
Ion Ratio Lower Upper

149 100

91 66.6 53.8 80.6

206 21.5 17.5 26.3





#81

Benzo(a)anthracene

Concen: 44.931 ng

RT: 13.868 min Scan# 2005

Delta R.T. -0.006 min

Lab File: BF133235.D

Acq: 04 May 2023 17:31

Instrument :

BNA_F

ClientSampleId :

TF-1MS

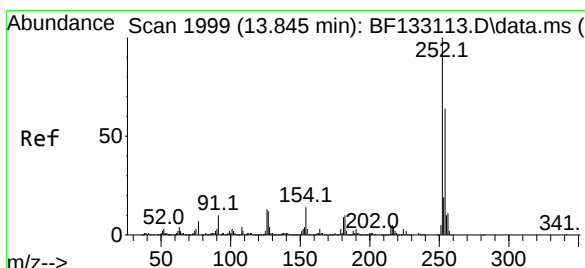
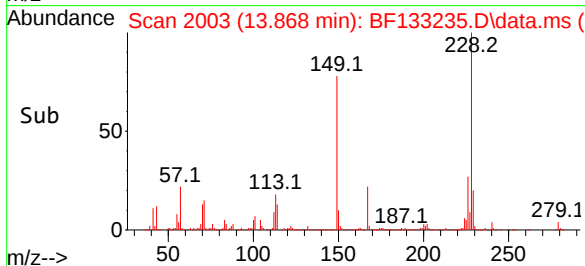
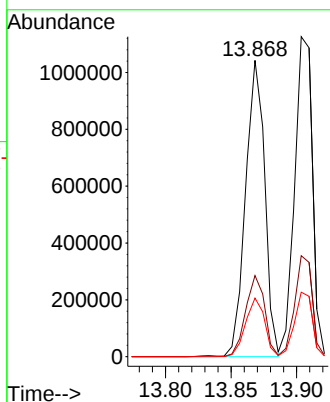
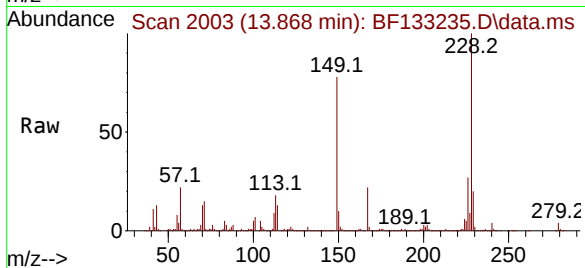
Tgt Ion:228 Resp: 1059580

Ion Ratio Lower Upper

228 100

226 27.4 22.2 33.4

229 19.8 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 32.918 ng

RT: 13.833 min Scan# 1997

Delta R.T. -0.006 min

Lab File: BF133235.D

Acq: 04 May 2023 17:31

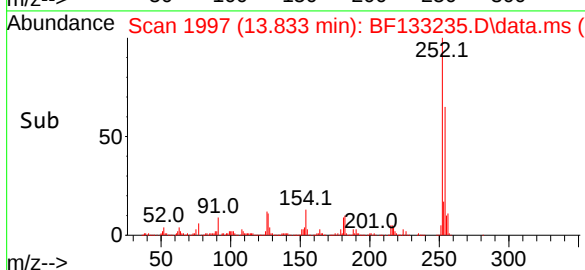
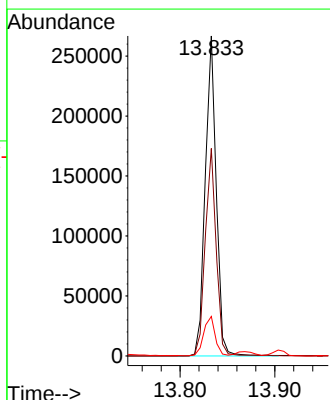
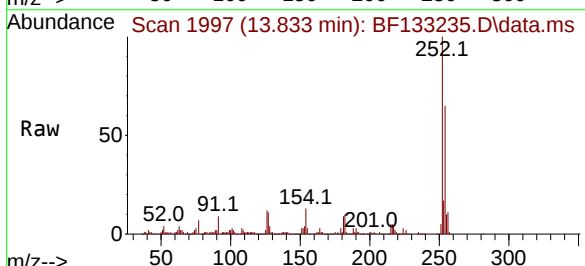
Tgt Ion:252 Resp: 214449

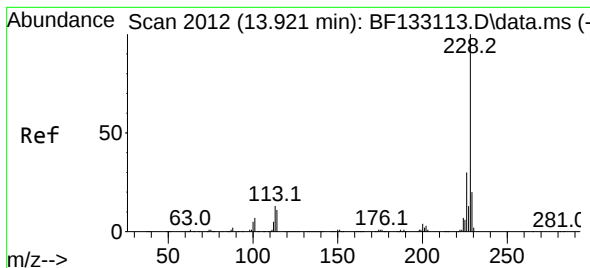
Ion Ratio Lower Upper

252 100

254 64.9 51.5 77.3

126 12.4 9.5 14.3





#83

Chrysene

Concen: 45.018 ng

RT: 13.904 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF133235.D

Acq: 04 May 2023 17:31

Instrument :

BNA_F

ClientSampleId :

TF-1MS

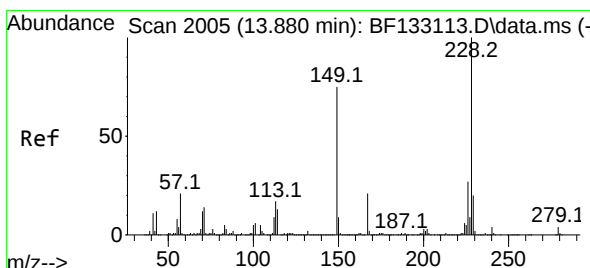
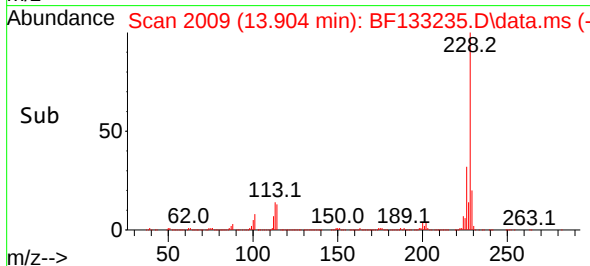
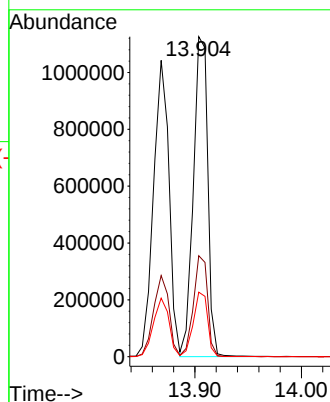
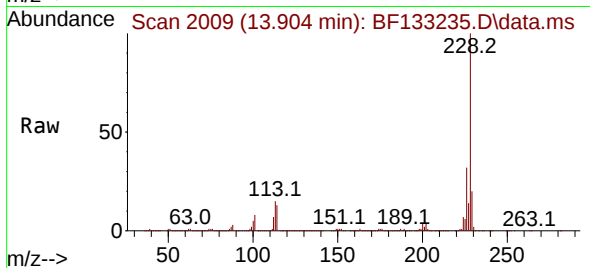
Tgt Ion:228 Resp: 1061359

Ion Ratio Lower Upper

228 100

226 31.5 24.7 37.1

229 20.1 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.263 ng

RT: 13.868 min Scan# 2003

Delta R.T. -0.000 min

Lab File: BF133235.D

Acq: 04 May 2023 17:31

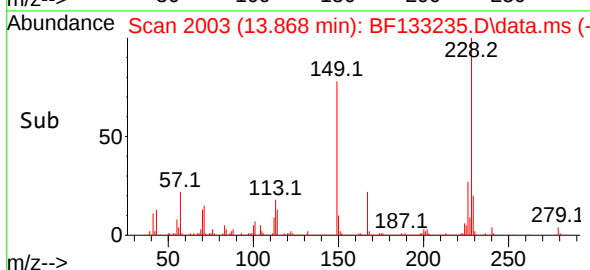
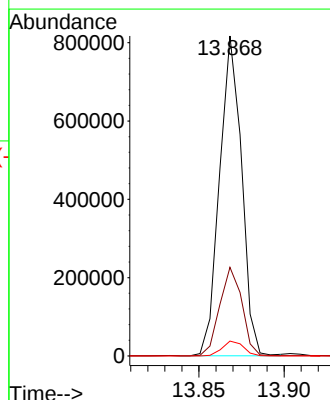
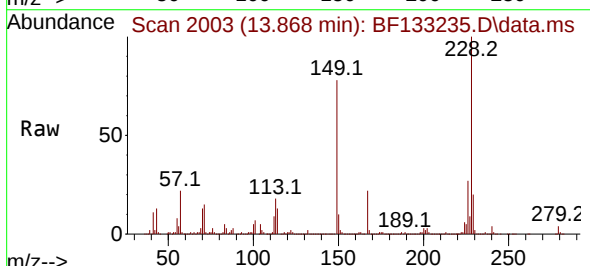
Tgt Ion:149 Resp: 735074

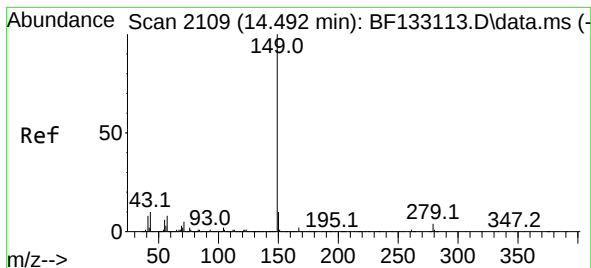
Ion Ratio Lower Upper

149 100

167 27.7 22.5 33.7

279 4.6 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 55.005 ng

RT: 14.480 min Scan# 2109

Delta R.T. -0.000 min

Lab File: BF133235.D

Acq: 04 May 2023 17:31

Instrument :

BNA_F

ClientSampleId :

TF-1MS

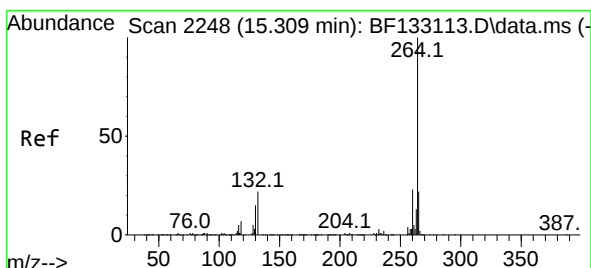
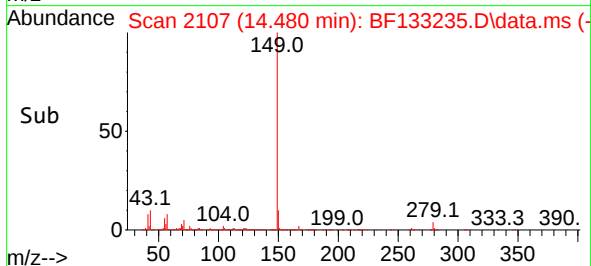
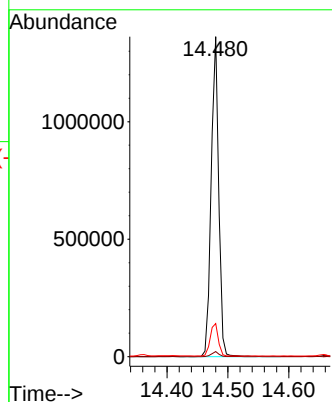
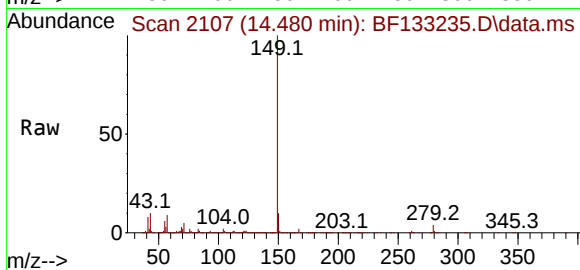
Tgt Ion:149 Resp: 1171768

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.9 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.298 min Scan# 2246

Delta R.T. -0.000 min

Lab File: BF133235.D

Acq: 04 May 2023 17:31

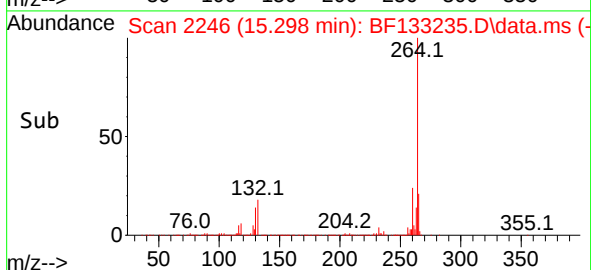
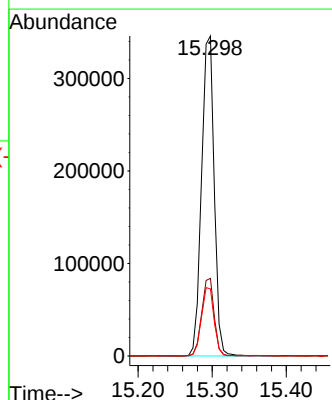
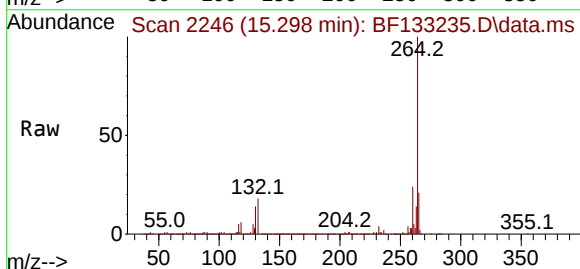
Tgt Ion:264 Resp: 409673

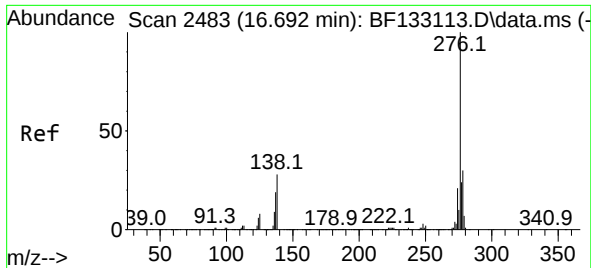
Ion Ratio Lower Upper

264 100

260 24.3 18.8 28.2

265 20.9 17.0 25.4

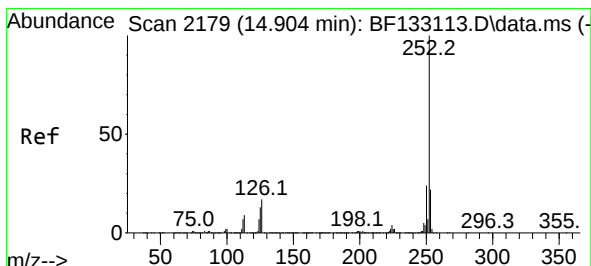
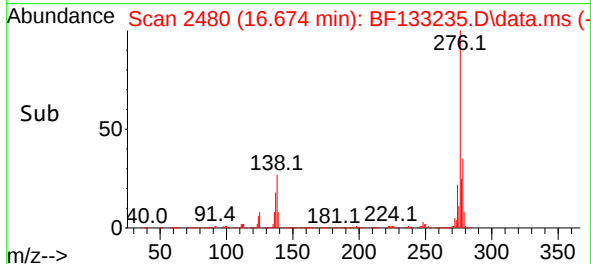
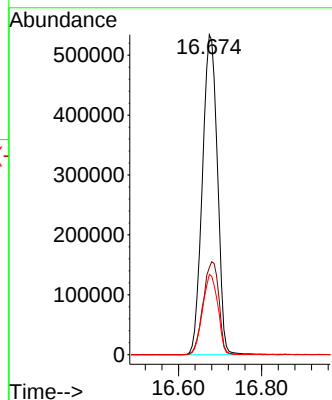
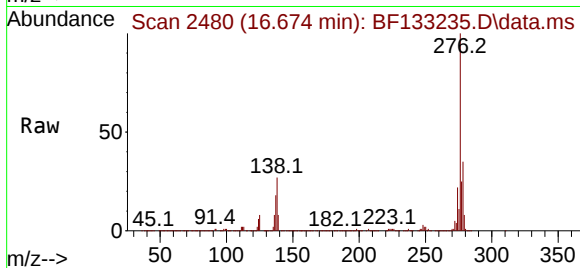




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 57.509 ng
 RT: 16.674 min Scan# 2483
 Delta R.T. -0.000 min
 Lab File: BF133235.D
 Acq: 04 May 2023 17:31

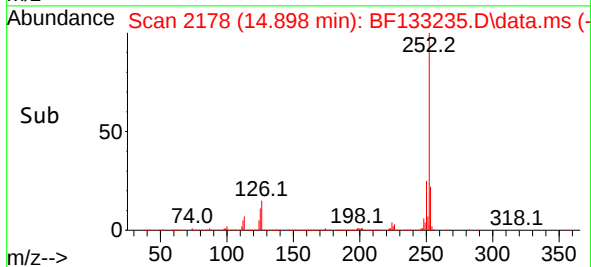
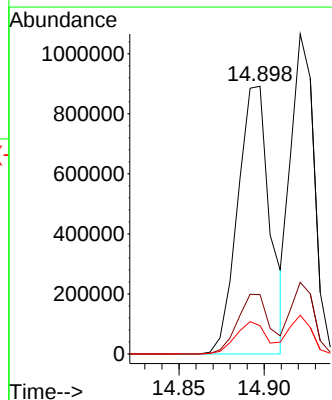
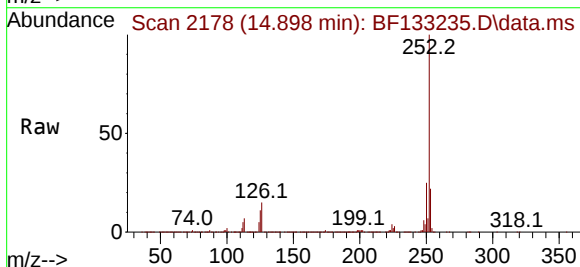
Instrument :
 BNA_F
 ClientSampleId :
 TF-1MS

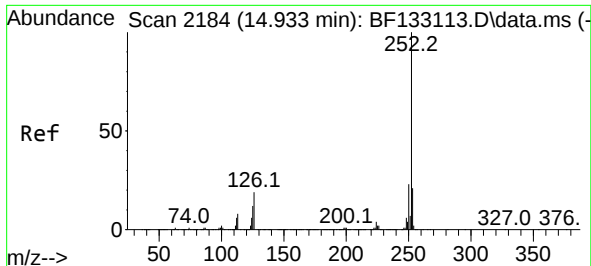
Tgt Ion:276 Resp: 1340145
 Ion Ratio Lower Upper
 276 100
 138 30.4 25.5 38.3
 277 25.5 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 45.227 ng
 RT: 14.898 min Scan# 2178
 Delta R.T. -0.000 min
 Lab File: BF133235.D
 Acq: 04 May 2023 17:31

Tgt Ion:252 Resp: 1178745
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.6 26.4
 125 10.6 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 39.477 ng

RT: 14.921 min Scan# 2182

Delta R.T. -0.006 min

Lab File: BF133235.D

Acq: 04 May 2023 17:31

Instrument :

BNA_F

ClientSampleId :

TF-1MS

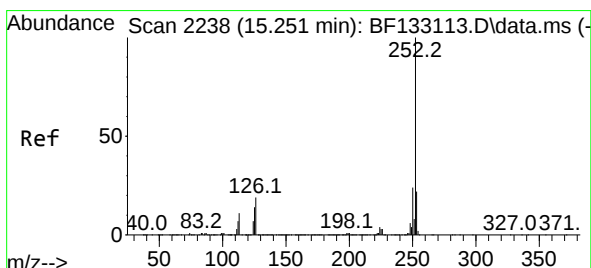
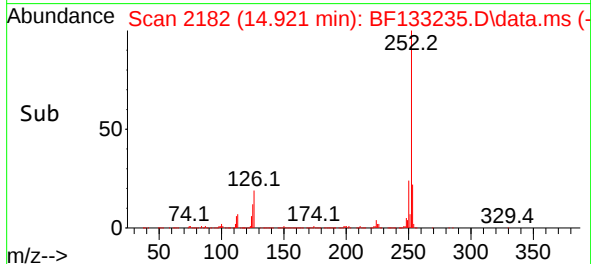
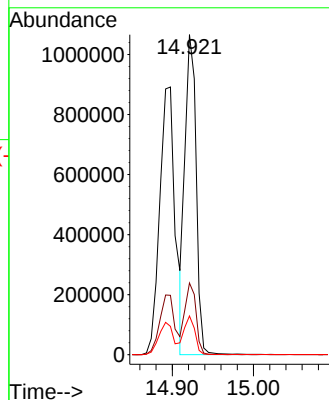
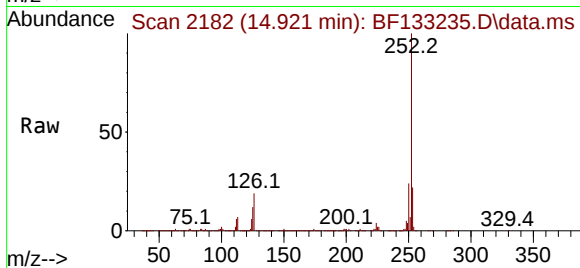
Tgt Ion:252 Resp: 1019916

Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 12.1 9.0 13.4



#90

Benzo(a)pyrene

Concen: 42.923 ng

RT: 15.239 min Scan# 2236

Delta R.T. -0.000 min

Lab File: BF133235.D

Acq: 04 May 2023 17:31

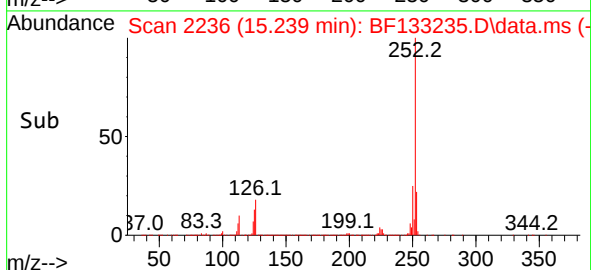
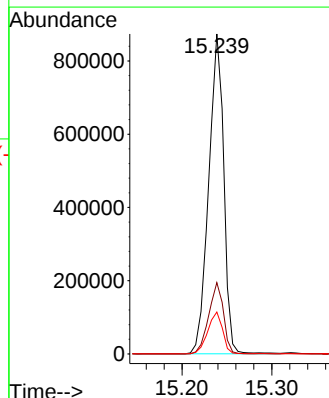
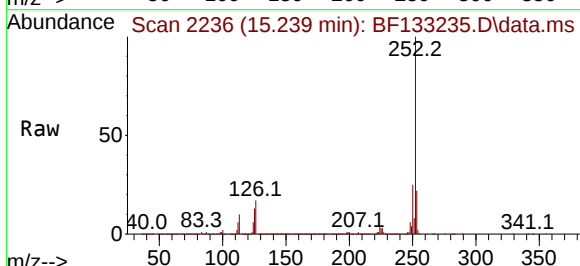
Tgt Ion:252 Resp: 1018259

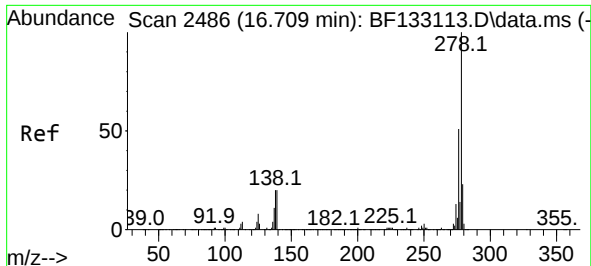
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 13.1 10.5 15.7

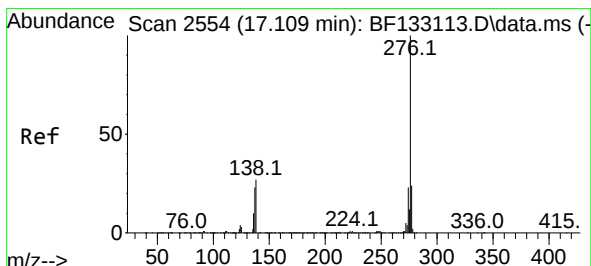
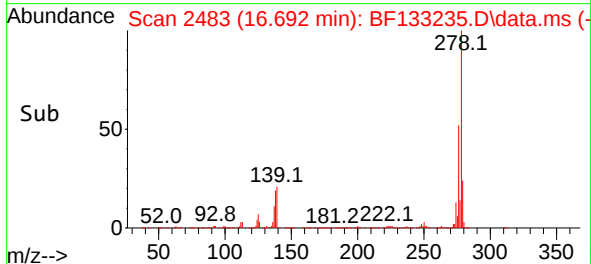
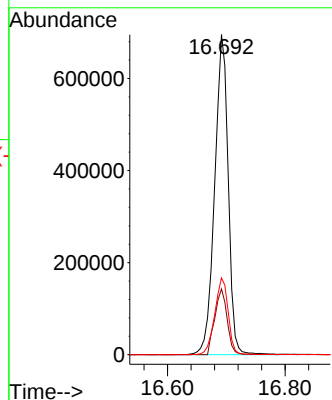
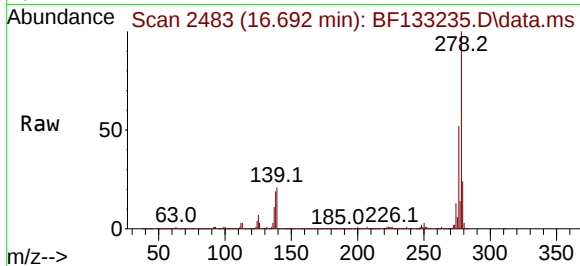




#91
Dibenzo(a,h)anthracene
Concen: 57.261 ng
RT: 16.692 min Scan# 2486
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

Instrument :
BNA_F
ClientSampleId :
TF-1MS

Tgt Ion:278 Resp: 1112910
Ion Ratio Lower Upper
278 100
139 20.6 16.6 24.8
279 24.0 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 55.284 ng
RT: 17.097 min Scan# 2552
Delta R.T. 0.006 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

Tgt Ion:276 Resp: 1060804
Ion Ratio Lower Upper
276 100
277 23.4 19.4 29.0
138 25.1 22.7 34.1

