

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
 Data File : BF133236.D
 Acq On : 04 May 2023 18:02
 Operator : CG\JU
 Sample : 02604-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TF-1MSD

Quant Time: May 05 05:36:58 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	206161	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	835022	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	434263	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	768419	20.000	ng	0.00
76) Chrysene-d12	13.880	240	358024	20.000	ng	0.00
86) Perylene-d12	15.292	264	406438	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	1273069	93.282	ng	0.01
7) Phenol-d6	6.375	99	1595142	94.167	ng	0.00
23) Nitrobenzene-d5	7.292	82	978854	63.274	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	416179	95.293	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1717867	66.181	ng	0.00
79) Terphenyl-d14	12.833	244	1801225	86.768	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.469	88	272973	43.122	ng	97
3) Pyridine	3.163	79	690033	41.042	ng	97
4) n-Nitrosodimethylamine	3.122	42	382506	43.923	ng	98
6) Aniline	6.392	93	780919	35.793	ng	# 90
8) 2-Chlorophenol	6.510	128	670629	48.398	ng	98
9) Benzaldehyde	6.269	77	359079	50.043	ng	98
10) Phenol	6.386	94	798558	42.733	ng	# 73
11) bis(2-Chloroethyl)ether	6.463	93	628655	44.830	ng	99
12) 1,3-Dichlorobenzene	6.669	146	692828	47.028	ng	99
13) 1,4-Dichlorobenzene	6.745	146	704234	47.697	ng	99
14) 1,2-Dichlorobenzene	6.898	146	670011	49.221	ng	98
15) Benzyl Alcohol	6.875	79	561822	48.014	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.010	45	1031172	42.337	ng	97
17) 2-Methylphenol	6.992	107	547689	43.165	ng	98
18) Hexachloroethane	7.239	117	244586	47.647	ng	96
19) n-Nitroso-di-n-propyla...	7.151	70	427256	40.515	ng	96
20) 3+4-Methylphenols	7.145	107	645132	43.174	ng	94
22) Acetophenone	7.139	105	866662	44.805	ng	# 96
24) Nitrobenzene	7.316	77	682132	43.514	ng	98
25) Isophorone	7.551	82	1275977	43.442	ng	97
26) 2-Nitrophenol	7.628	139	376837	49.839	ng	99
27) 2,4-Dimethylphenol	7.675	122	606816	46.804	ng	98
28) bis(2-Chloroethoxy)met...	7.769	93	758062	43.626	ng	99
29) 2,4-Dichlorophenol	7.875	162	552825	46.839	ng	100
30) 1,2,4-Trichlorobenzene	7.957	180	565845	46.276	ng	99
31) Naphthalene	8.039	128	1864407	44.658	ng	100
32) Benzoic acid	7.810	122	351707	43.917	ng	98
33) 4-Chloroaniline	8.080	127	294984	17.488	ng	97
34) Hexachlorobutadiene	8.157	225	309099	45.610	ng	97
35) Caprolactam	8.469	113	138699	34.981	ng	90
36) 4-Chloro-3-methylphenol	8.575	107	605466	47.571	ng	97
37) 2-Methylnaphthalene	8.727	142	1238001	43.374	ng	99
38) 1-Methylnaphthalene	8.827	142	1153901	43.216	ng	100
40) 1,2,4,5-Tetrachloroben...	8.892	216	499997	42.822	ng	99
41) Hexachlorocyclopentadiene	8.880	237	580981	85.319	ng	99
43) 2,4,6-Trichlorophenol	9.004	196	369353	45.741	ng	99

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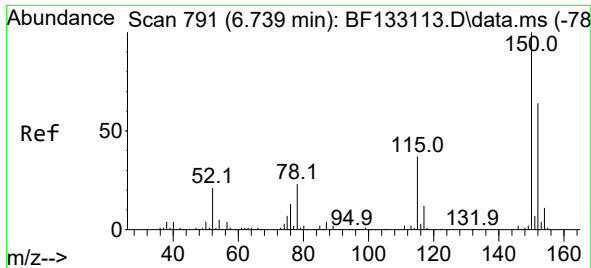
Quant Time: May 05 05:36:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 04 12:22:53 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	400793	42.917	ng	96
46) 1,1'-Biphenyl	9.192	154	1502872	43.644	ng	99
47) 2-Chloronaphthalene	9.216	162	1140543	45.252	ng	99
48) 2-Nitroaniline	9.310	65	380044	45.624	ng	96
49) Acenaphthylene	9.627	152	1773021	44.026	ng	100
50) Dimethylphthalate	9.498	163	1345045	44.420	ng	99
51) 2,6-Dinitrotoluene	9.557	165	322509	47.321	ng	# 84
52) Acenaphthene	9.804	154	1099813	40.775	ng	99
53) 3-Nitroaniline	9.722	138	235655	29.080	ng	99
54) 2,4-Dinitrophenol	9.833	184	348338	101.683	ng	92
55) Dibenzofuran	9.974	168	1583677	43.043	ng	99
56) 4-Nitrophenol	9.898	139	573330	91.348	ng	96
57) 2,4-Dinitrotoluene	9.957	165	418187	48.115	ng	99
58) Fluorene	10.316	166	1162953	43.142	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.092	232	328913	45.430	ng	99
60) Diethylphthalate	10.192	149	1270144	44.408	ng	100
61) 4-Chlorophenyl-phenyle...	10.304	204	556632	42.374	ng	95
62) 4-Nitroaniline	10.339	138	363952	48.866	ng	98
63) Azobenzene	10.469	77	1340370	44.238	ng	97
65) 4,6-Dinitro-2-methylph...	10.369	198	242489	52.064	ng	93
66) n-Nitrosodiphenylamine	10.427	169	1103596	44.276	ng	100
67) 4-Bromophenyl-phenylether	10.798	248	360941	43.310	ng	98
68) Hexachlorobenzene	10.863	284	389169	45.572	ng	96
69) Atrazine	10.957	200	375603	52.297	ng	99
70) Pentachlorophenol	11.057	266	450950	74.146	ng	98
71) Phenanthrene	11.274	178	1789883	43.338	ng	99
72) Anthracene	11.327	178	1840670	43.549	ng	99
73) Carbazole	11.480	167	1668145	44.324	ng	99
74) Di-n-butylphthalate	11.816	149	1965145	46.141	ng	100
75) Fluoranthene	12.457	202	1723900	41.590	ng	99
77) Benzidine	12.580	184	795640	131.416	ng	# 93
78) Pyrene	12.686	202	1706470	55.602	ng	99
80) Butylbenzylphthalate	13.310	149	692514	63.727	ng	99
81) Benzo(a)anthracene	13.868	228	1083418	44.005	ng	100
82) 3,3'-Dichlorobenzidine	13.833	252	237502	34.920	ng	100
83) Chrysene	13.910	228	1080429	43.895	ng	99
84) Bis(2-ethylhexyl)phtha...	13.868	149	747509	54.803	ng	99
85) Di-n-octyl phthalate	14.480	149	1190953	53.549	ng	98
87) Indeno(1,2,3-cd)pyrene	16.680	276	1340616	57.988	ng	98
88) Benzo(b)fluoranthene	14.892	252	1195142	46.221	ng	98
89) Benzo(k)fluoranthene	14.921	252	1007032	39.288	ng	99
90) Benzo(a)pyrene	15.239	252	1014868	43.121	ng	99
91) Dibenzo(a,h)anthracene	16.698	278	1118910	58.028	ng	98
92) Benzo(g,h,i)perylene	17.092	276	1064908	55.940	ng	99

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

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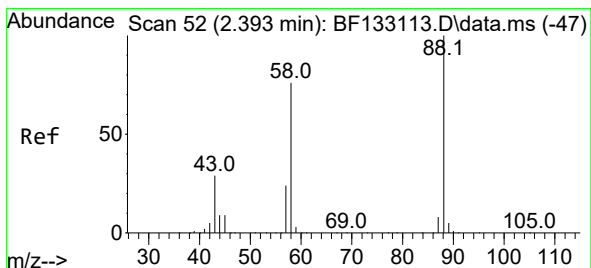
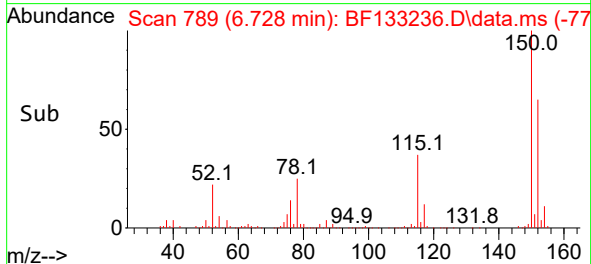
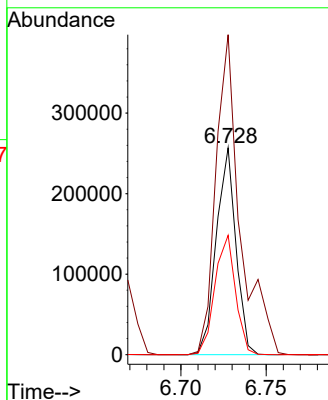
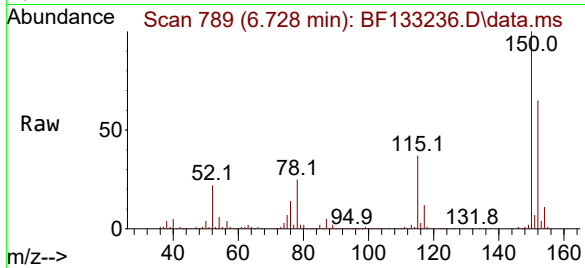




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.728 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF133236.D
 Acq: 04 May 2023 18:02

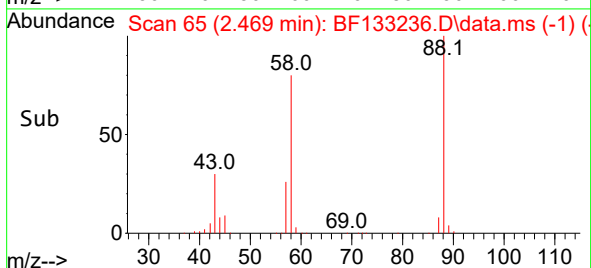
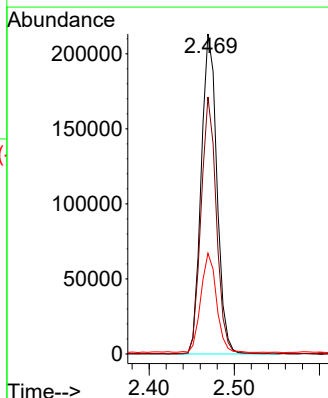
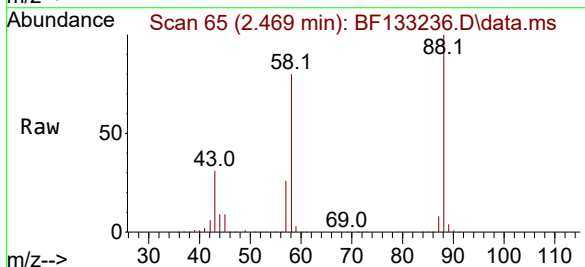
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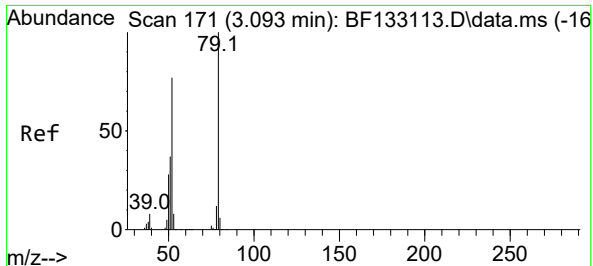
Tgt Ion:152 Resp: 206161
 Ion Ratio Lower Upper
 152 100
 150 154.7 124.8 187.2
 115 57.7 49.9 74.9



#2
 1,4-Dioxane
 Concen: 43.122 ng
 RT: 2.469 min Scan# 65
 Delta R.T. 0.076 min
 Lab File: BF133236.D
 Acq: 04 May 2023 18:02

Tgt Ion: 88 Resp: 272973
 Ion Ratio Lower Upper
 88 100
 58 78.5 64.7 97.1
 43 30.7 26.2 39.2

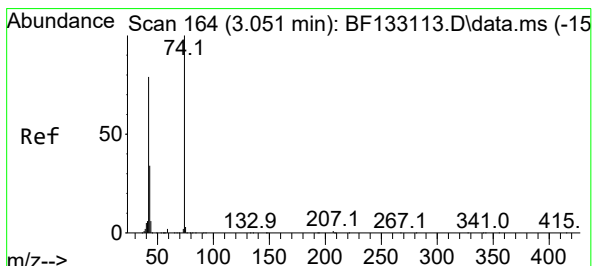
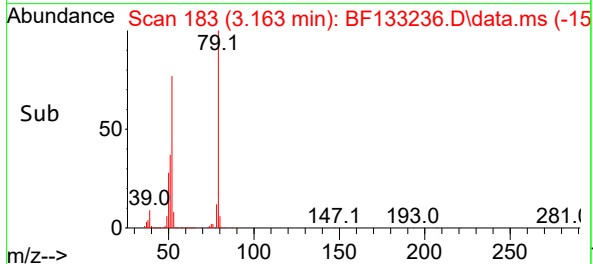
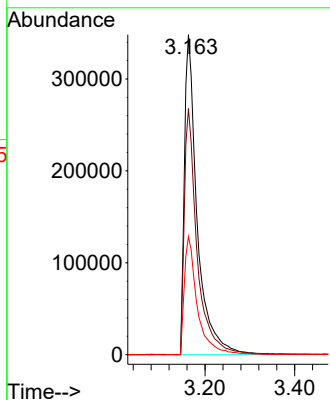
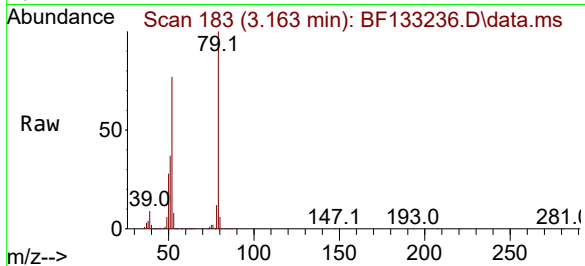




#3
Pyridine
Concen: 41.042 ng
RT: 3.163 min Scan# 11
Delta R.T. 0.082 min
Lab File: BF133236.D
Acq: 04 May 2023 18:02

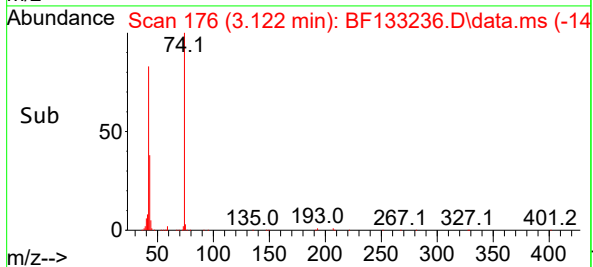
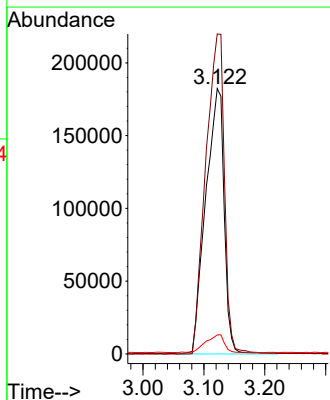
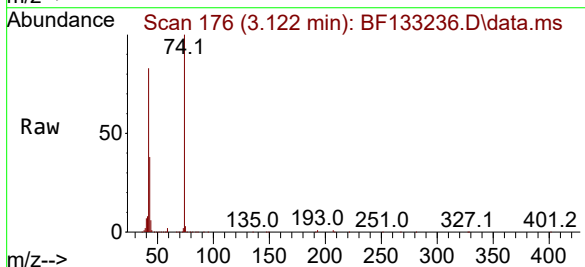
Instrument :
BNA_F
ClientSampleId :
TF-1MSD

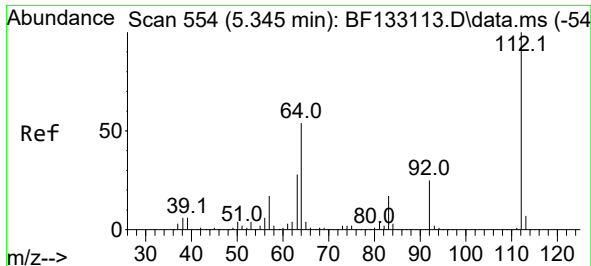
Tgt Ion: 79 Resp: 690033
Ion Ratio Lower Upper
79 100
52 76.9 64.6 96.8
51 36.9 30.0 45.0



#4
n-Nitrosodimethylamine
Concen: 43.923 ng
RT: 3.122 min Scan# 176
Delta R.T. 0.070 min
Lab File: BF133236.D
Acq: 04 May 2023 18:02

Tgt Ion: 42 Resp: 382506
Ion Ratio Lower Upper
42 100
74 120.5 98.0 147.0
44 7.2 5.8 8.8

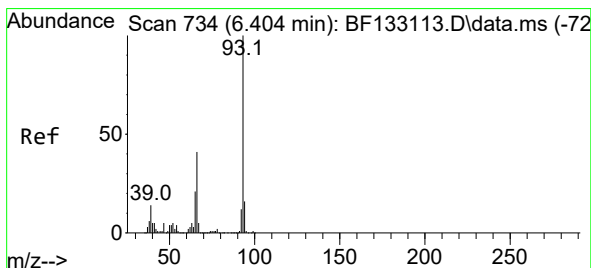
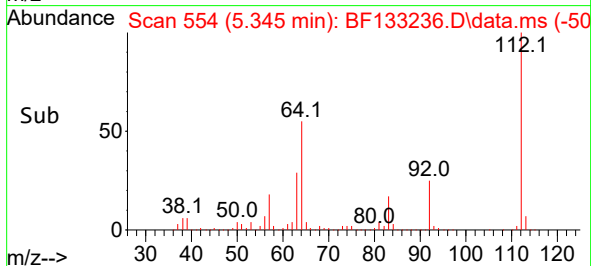
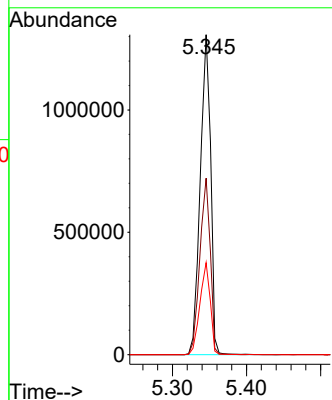
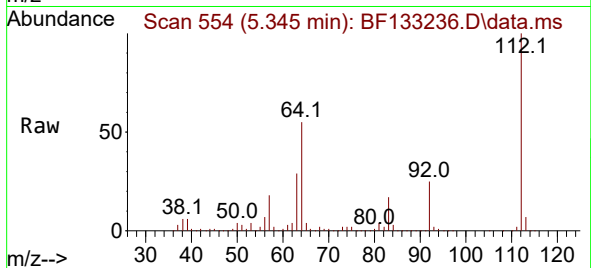




#5
2-Fluorophenol
Concen: 93.282 ng
RT: 5.345 min Scan# 511
Delta R.T. 0.012 min
Lab File: BF133236.D
Acq: 04 May 2023 18:02

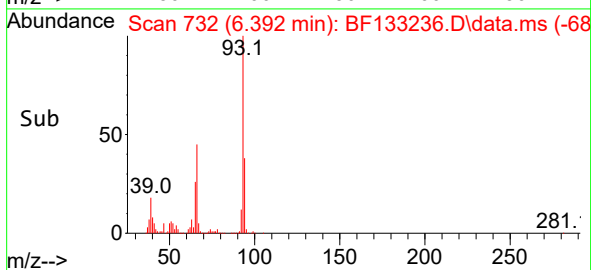
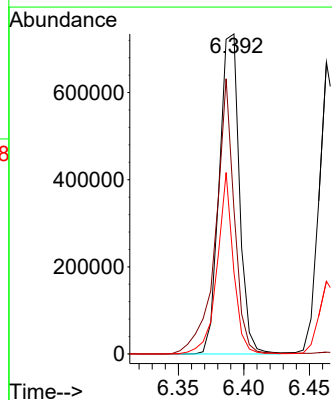
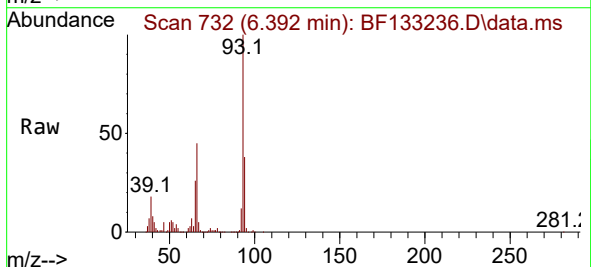
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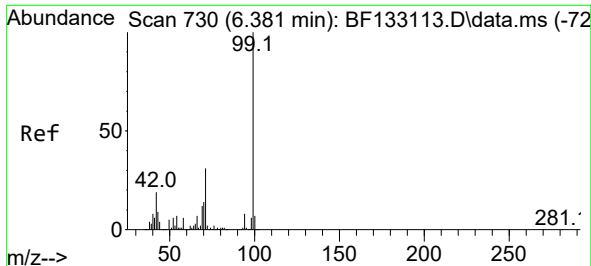
Tgt Ion:112 Resp: 1273069
Ion Ratio Lower Upper
112 100
64 55.1 46.8 70.2
63 28.8 23.8 35.8



#6
Aniline
Concen: 35.793 ng
RT: 6.392 min Scan# 732
Delta R.T. -0.000 min
Lab File: BF133236.D
Acq: 04 May 2023 18:02

Tgt Ion: 93 Resp: 780919
Ion Ratio Lower Upper
93 100
66 45.2 31.5 47.3
65 25.6 16.4 24.6#





#7

Phenol-d6

Concen: 94.167 ng

RT: 6.375 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF133236.D

Acq: 04 May 2023 18:02

Instrument :

BNA_F

ClientSampleId :

TF-1MSD

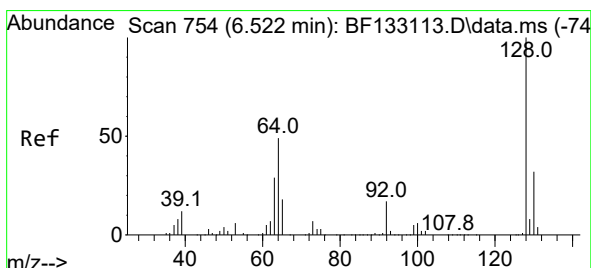
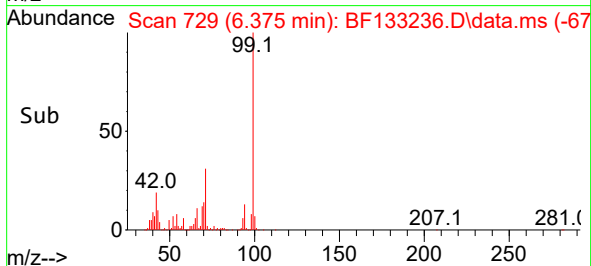
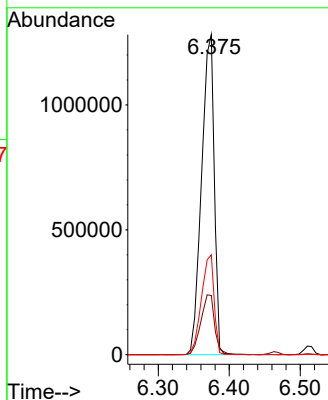
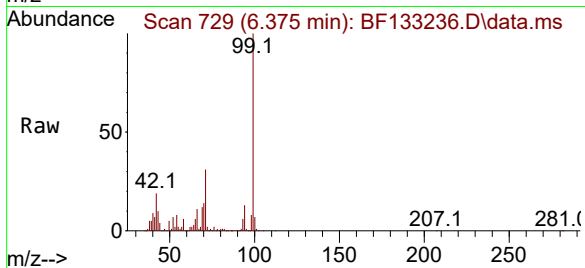
Tgt Ion: 99 Resp: 1595142

Ion Ratio Lower Upper

99 100

42 18.5 16.3 24.5

71 31.2 25.6 38.4



#8

2-Chlorophenol

Concen: 48.398 ng

RT: 6.510 min Scan# 752

Delta R.T. -0.006 min

Lab File: BF133236.D

Acq: 04 May 2023 18:02

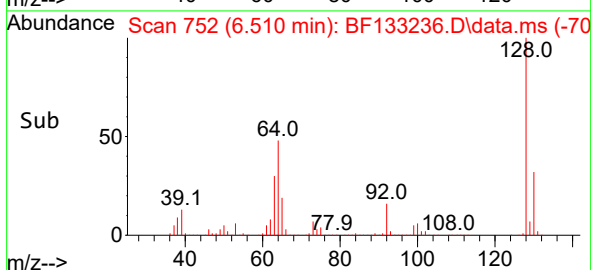
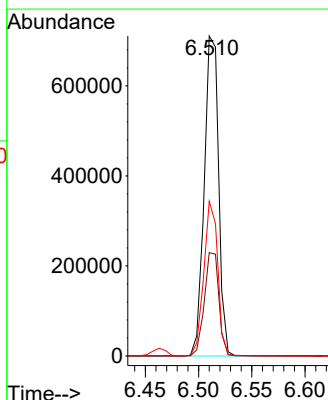
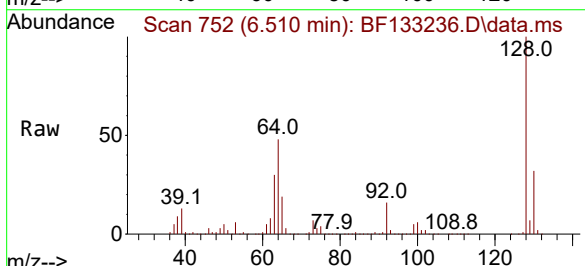
Tgt Ion:128 Resp: 670629

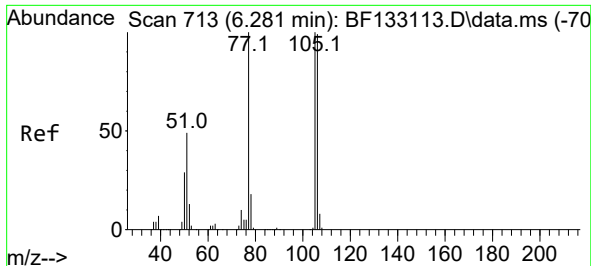
Ion Ratio Lower Upper

128 100

130 32.3 12.2 52.2

64 48.3 30.3 70.3

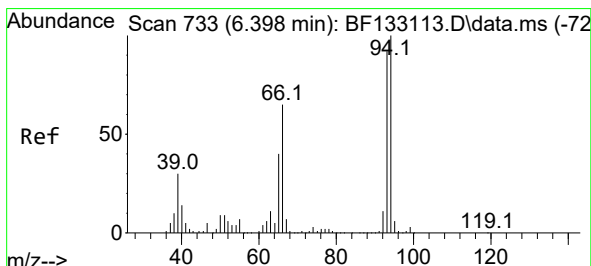
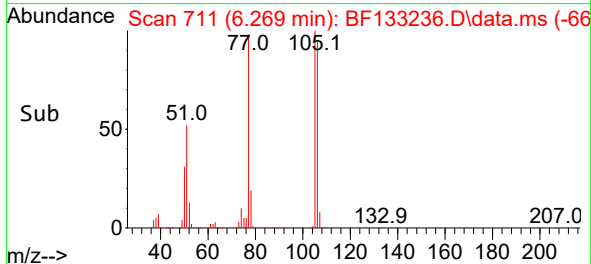
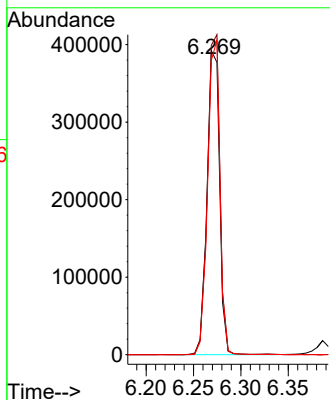
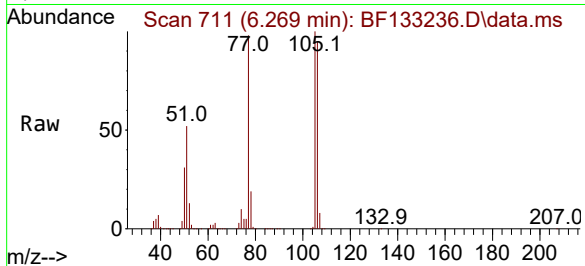




#9
Benzaldehyde
Concen: 50.043 ng
RT: 6.269 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF133236.D
Acq: 04 May 2023 18:02

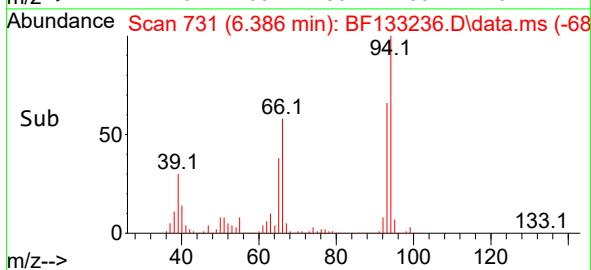
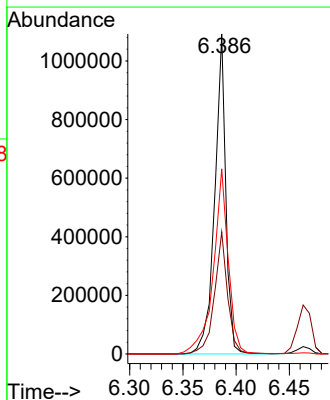
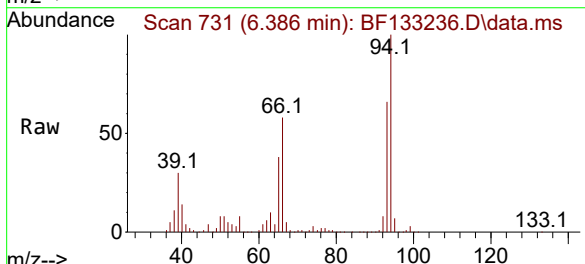
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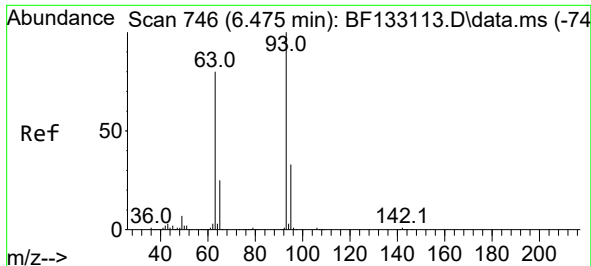
Tgt Ion: 77 Resp: 359079
Ion Ratio Lower Upper
77 100
105 101.8 82.3 122.3
106 96.8 80.8 120.8



#10
Phenol
Concen: 42.733 ng
RT: 6.386 min Scan# 731
Delta R.T. -0.000 min
Lab File: BF133236.D
Acq: 04 May 2023 18:02

Tgt Ion: 94 Resp: 798558
Ion Ratio Lower Upper
94 100
65 38.1 8.6 48.6
66 57.9 17.3 57.3#





#11

bis(2-Chloroethyl)ether

Concen: 44.830 ng

RT: 6.463 min Scan# 744

Delta R.T. -0.006 min

Lab File: BF133236.D

Acq: 04 May 2023 18:02

Instrument :

BNA_F

ClientSampleId :

TF-1MSD

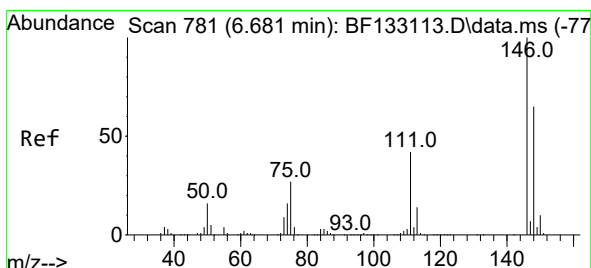
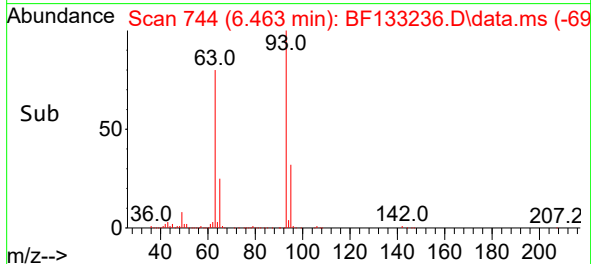
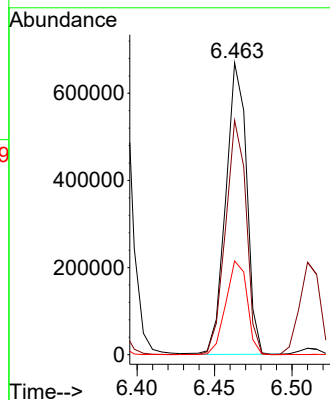
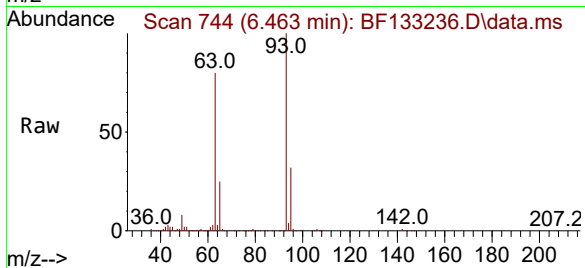
Tgt Ion: 93 Resp: 628655

Ion Ratio Lower Upper

93 100

63 80.3 60.6 100.6

95 32.1 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 47.028 ng

RT: 6.669 min Scan# 779

Delta R.T. -0.000 min

Lab File: BF133236.D

Acq: 04 May 2023 18:02

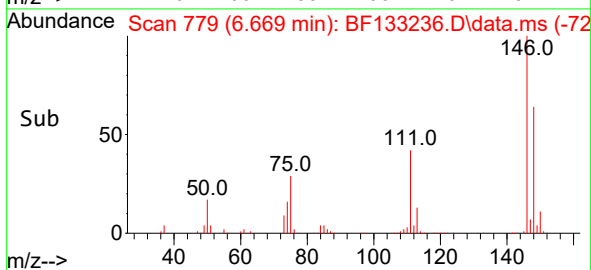
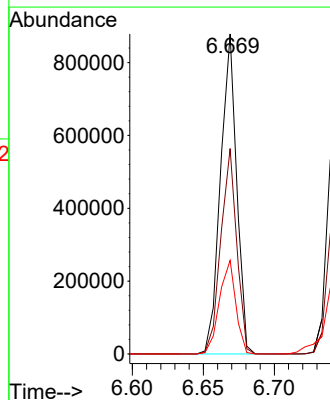
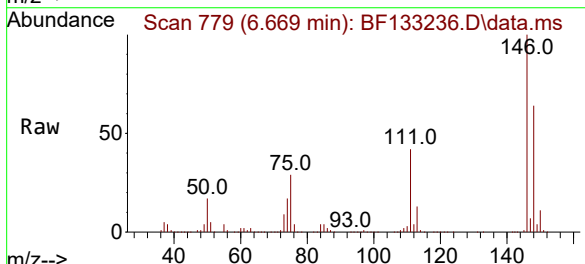
Tgt Ion: 146 Resp: 692828

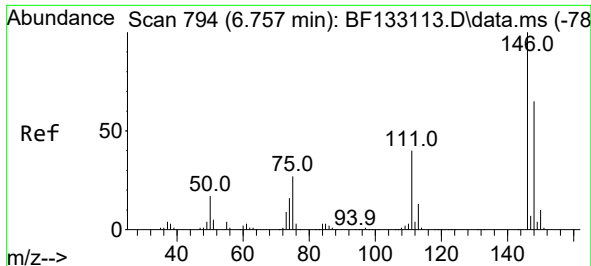
Ion Ratio Lower Upper

146 100

148 64.2 51.0 76.4

75 29.3 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 47.697 ng

RT: 6.745 min Scan# 794

Delta R.T. -0.000 min

Lab File: BF133236.D

Acq: 04 May 2023 18:02

Instrument :

BNA_F

ClientSampleId :

TF-1MSD

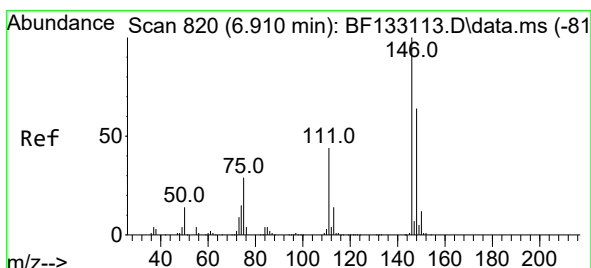
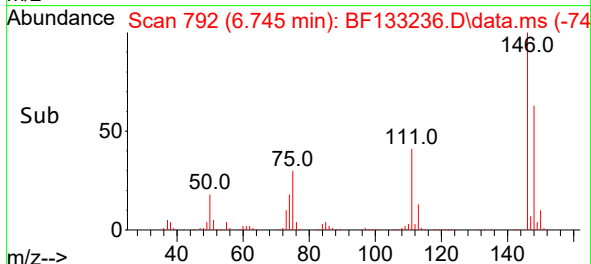
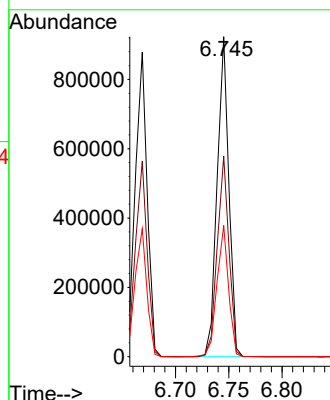
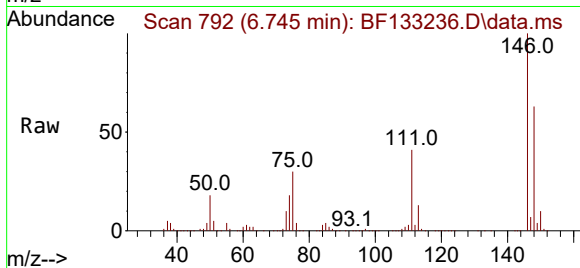
Tgt Ion:146 Resp: 704234

Ion Ratio Lower Upper

146 100

148 62.6 50.3 75.5

111 41.0 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 49.221 ng

RT: 6.898 min Scan# 818

Delta R.T. -0.006 min

Lab File: BF133236.D

Acq: 04 May 2023 18:02

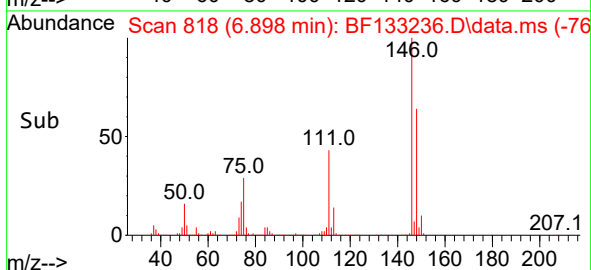
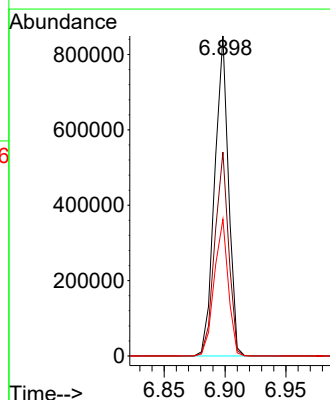
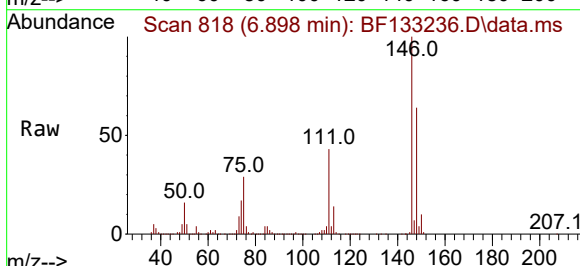
Tgt Ion:146 Resp: 670011

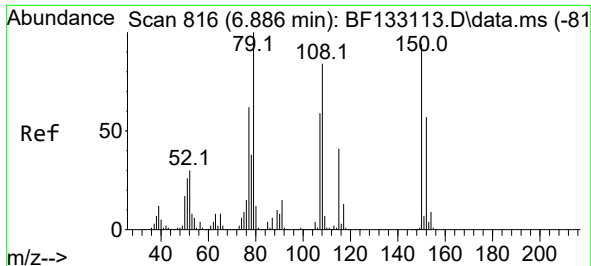
Ion Ratio Lower Upper

146 100

148 63.7 52.2 78.2

111 42.7 32.8 49.2





#15

Benzyl Alcohol

Concen: 48.014 ng

RT: 6.875 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF133236.D

Acq: 04 May 2023 18:02

Instrument :

BNA_F

ClientSampleId :

TF-1MSD

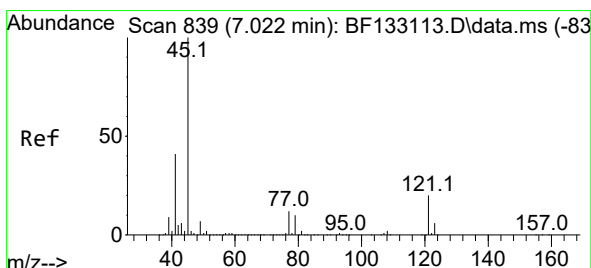
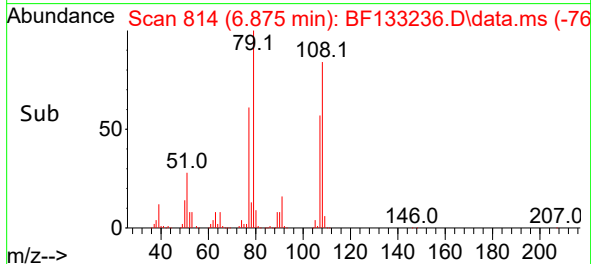
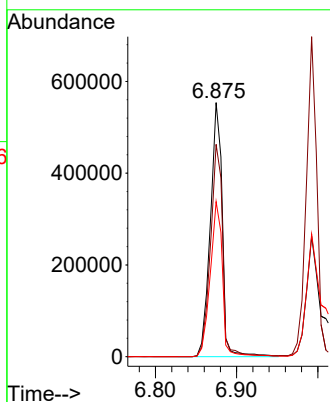
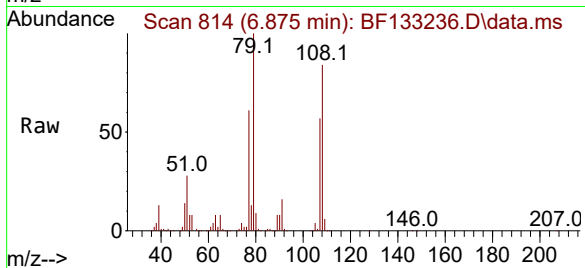
Tgt Ion: 79 Resp: 561822

Ion Ratio Lower Upper

79 100

108 83.6 66.6 99.8

77 61.0 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.337 ng

RT: 7.010 min Scan# 837

Delta R.T. -0.000 min

Lab File: BF133236.D

Acq: 04 May 2023 18:02

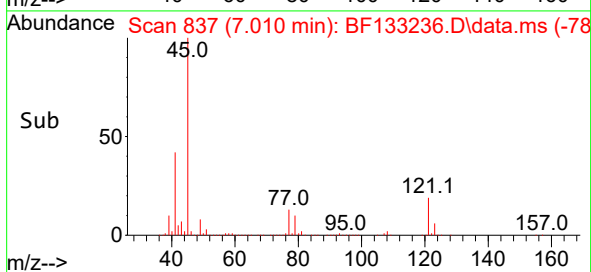
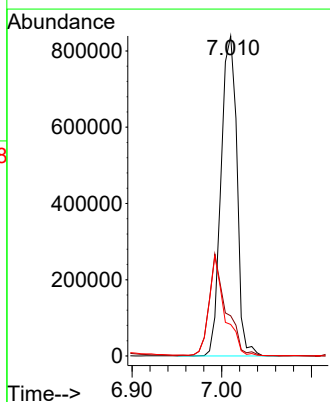
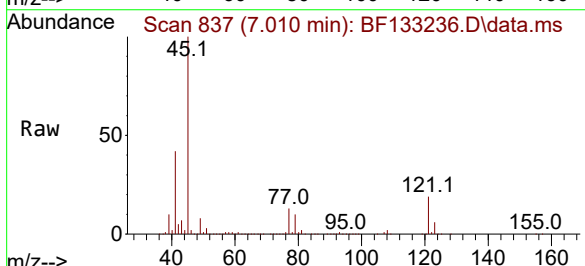
Tgt Ion: 45 Resp: 1031172

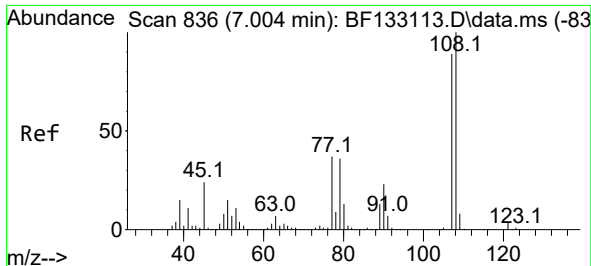
Ion Ratio Lower Upper

45 100

77 12.5 0.0 31.5

79 9.9 0.0 28.7

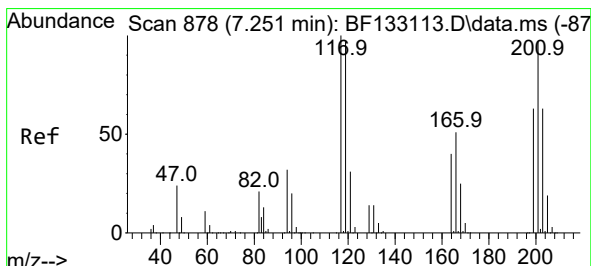
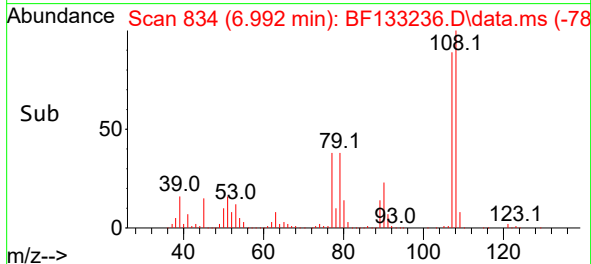
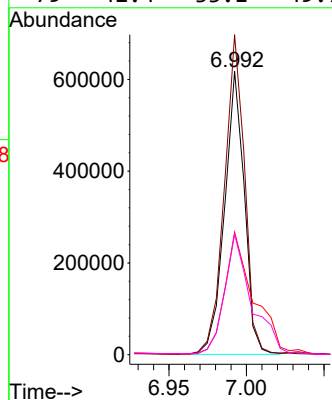
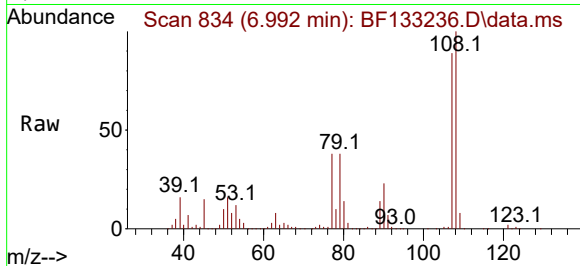




#17
2-Methylphenol
Concen: 43.165 ng
RT: 6.992 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF133236.D
Acq: 04 May 2023 18:02

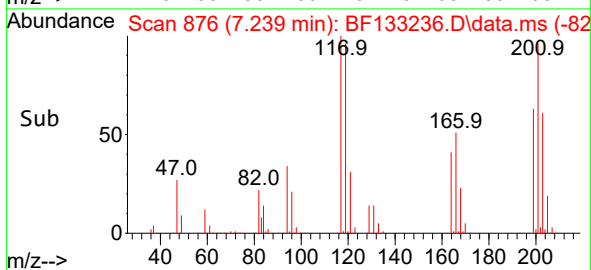
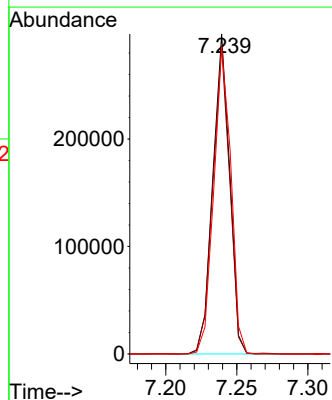
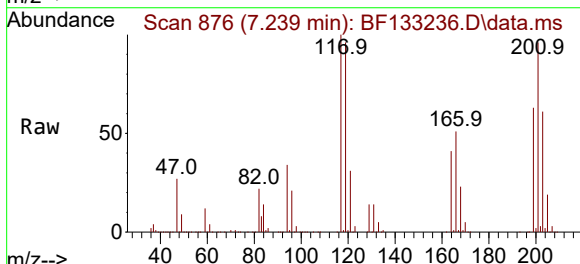
Instrument :
BNA_F
ClientSampleId :
TF-1MSD

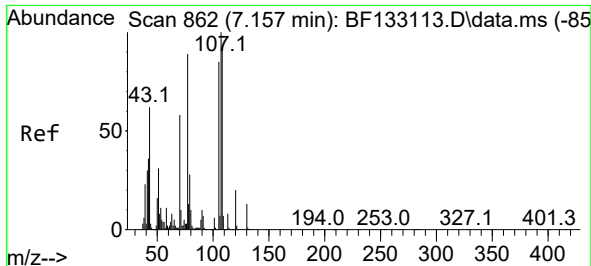
Tgt Ion:	107	Resp:	547689
Ion	Ratio	Lower	Upper
107	100		
108	112.9	92.4	138.6
77	43.3	33.8	50.8
79	42.4	33.1	49.7



#18
Hexachloroethane
Concen: 47.647 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.000 min
Lab File: BF133236.D
Acq: 04 May 2023 18:02

Tgt Ion:	117	Resp:	244586
Ion	Ratio	Lower	Upper
117	100		
119	96.4	78.2	117.4
201	95.9	81.7	122.5

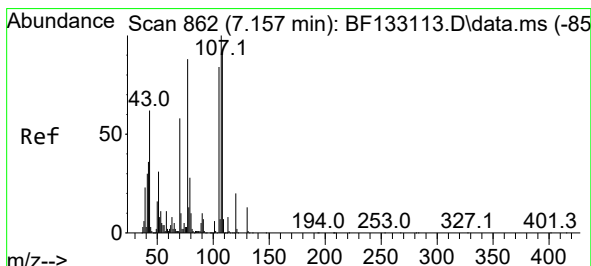
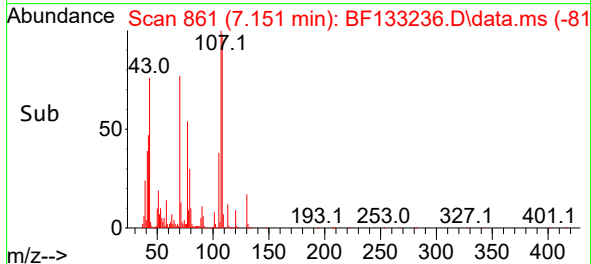
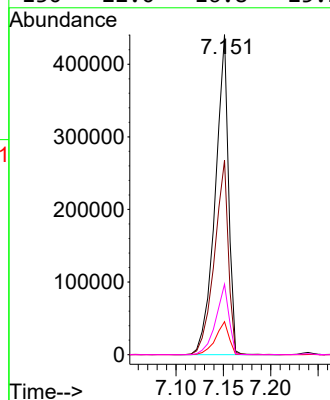
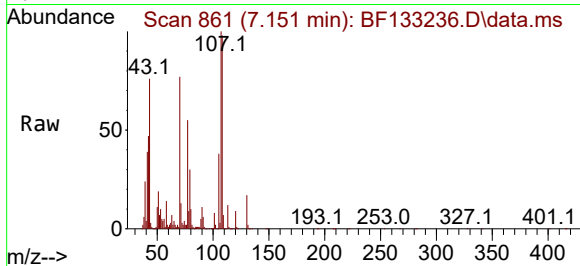




#19
n-Nitroso-di-n-propylamine
Concen: 40.515 ng
RT: 7.151 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF133236.D
Acq: 04 May 2023 18:02

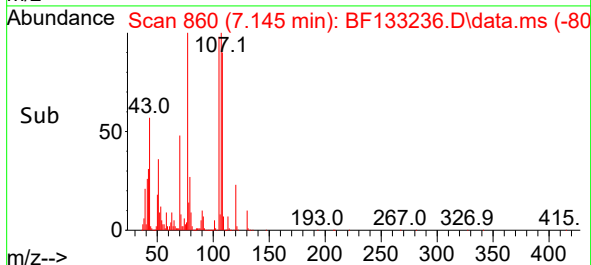
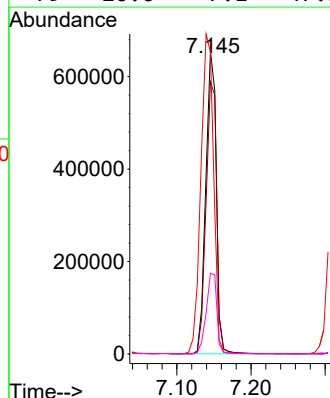
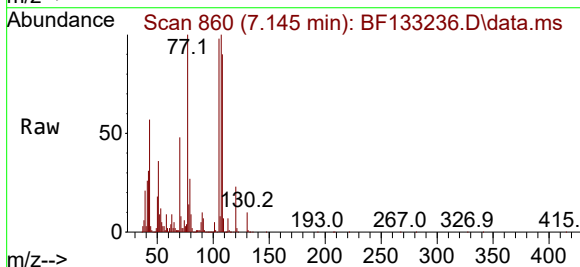
Instrument :
BNA_F
ClientSampleId :
TF-1MSD

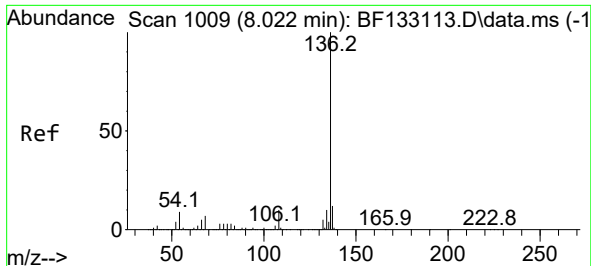
Tgt Ion: 70 Resp: 427256
Ion Ratio Lower Upper
70 100
42 60.7 51.8 77.6
101 10.3 8.0 12.0
130 22.0 16.8 25.2



#20
3+4-Methylphenols
Concen: 43.174 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF133236.D
Acq: 04 May 2023 18:02

Tgt Ion: 107 Resp: 645132
Ion Ratio Lower Upper
107 100
108 89.9 70.5 110.5
77 99.6 91.7 131.7
79 26.6 7.1 47.1



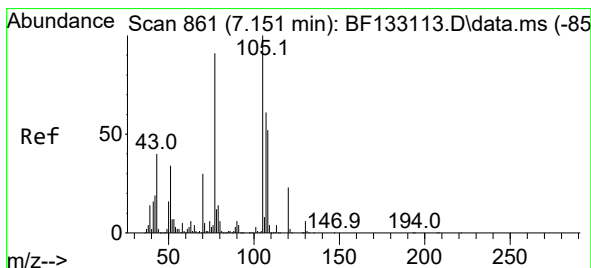
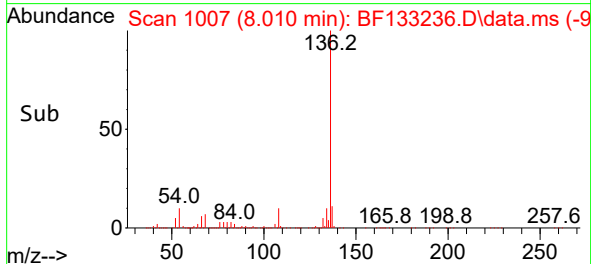
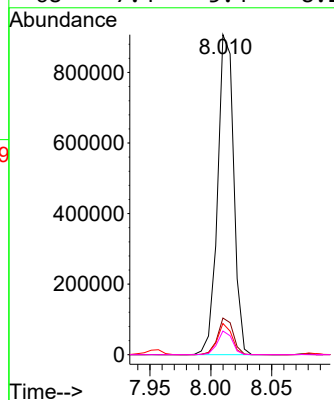
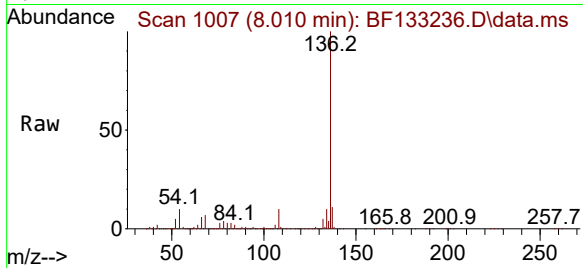


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF133236.D
Acq: 04 May 2023 18:02

Instrument :
BNA_F
ClientSampleId :
TF-1MSD

Tgt Ion:136 Resp: 835022

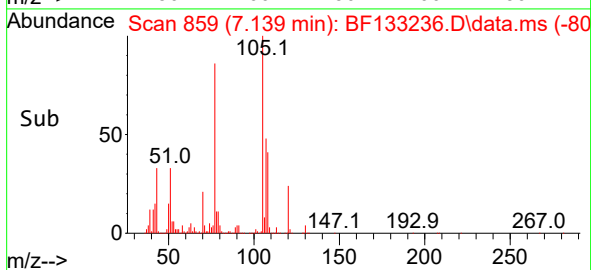
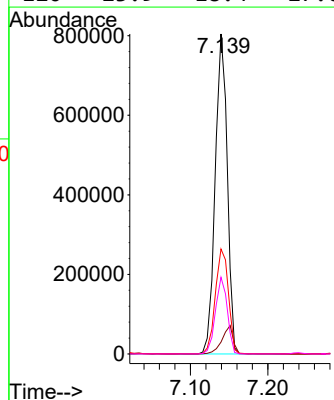
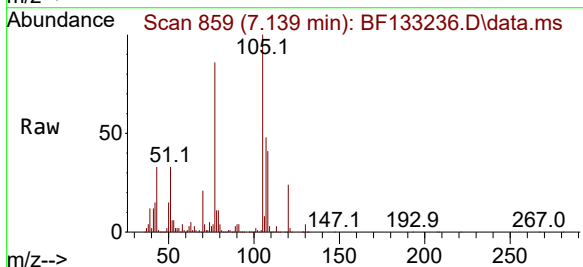
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.6	13.0
54	9.7	7.0	10.4
68	7.4	5.4	8.2

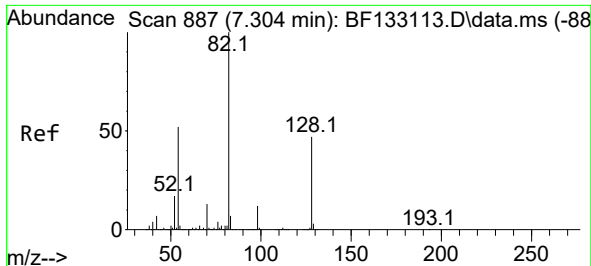


#22
Acetophenone
Concen: 44.805 ng
RT: 7.139 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF133236.D
Acq: 04 May 2023 18:02

Tgt Ion:105 Resp: 866662

Ion	Ratio	Lower	Upper
105	100		
71	3.7	4.6	7.0#
51	32.8	28.2	42.2
120	23.9	18.4	27.6





#23

Nitrobenzene-d5

Concen: 63.274 ng

RT: 7.292 min Scan# 885

Delta R.T. -0.006 min

Lab File: BF133236.D

Acq: 04 May 2023 18:02

Instrument :

BNA_F

ClientSampleId :

TF-1MSD

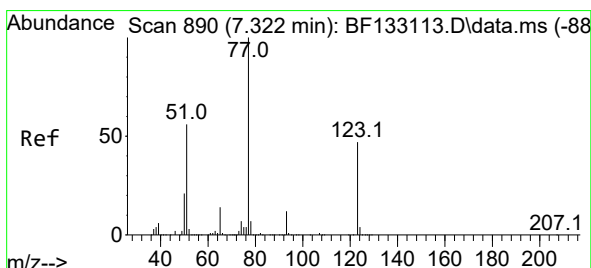
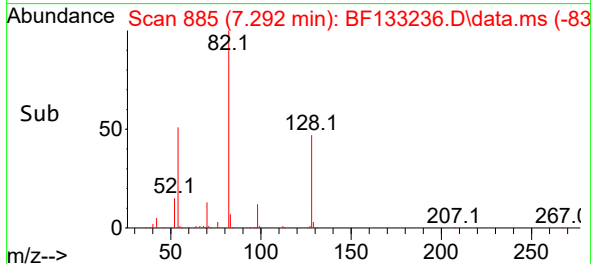
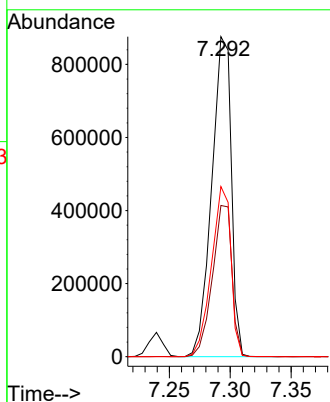
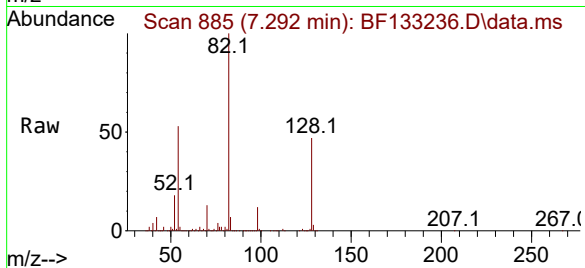
Tgt Ion: 82 Resp: 978854

Ion Ratio Lower Upper

82 100

128 47.2 37.7 56.5

54 53.1 43.0 64.4



#24

Nitrobenzene

Concen: 43.514 ng

RT: 7.316 min Scan# 889

Delta R.T. -0.000 min

Lab File: BF133236.D

Acq: 04 May 2023 18:02

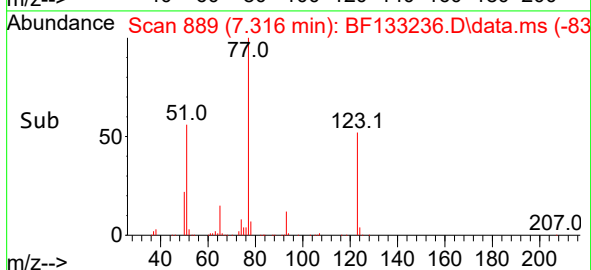
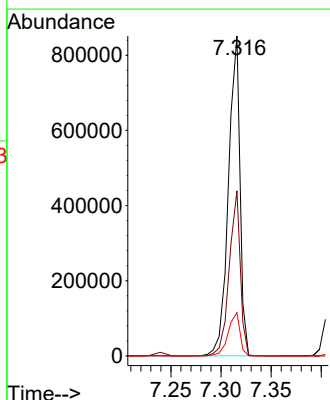
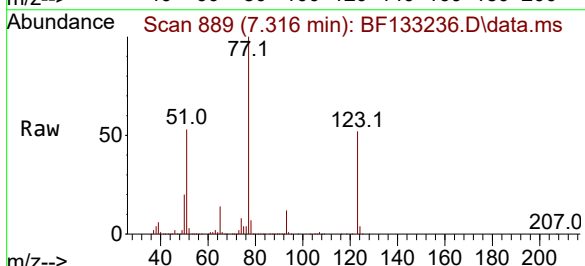
Tgt Ion: 77 Resp: 682132

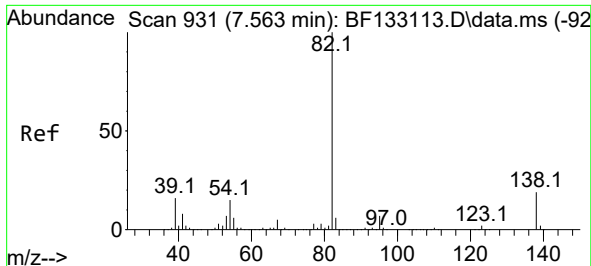
Ion Ratio Lower Upper

77 100

123 51.6 39.9 59.9

65 13.6 10.7 16.1

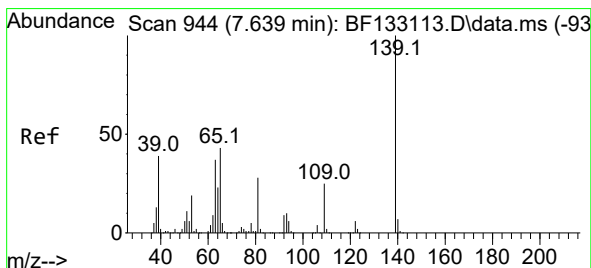
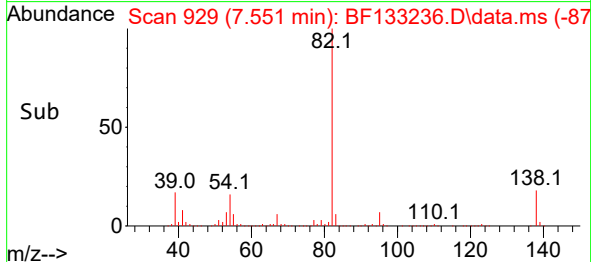
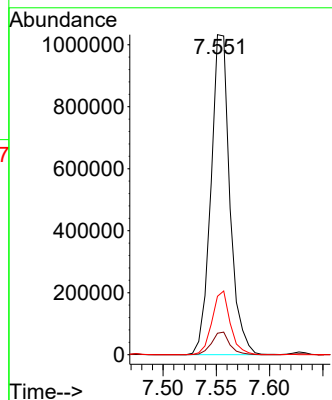
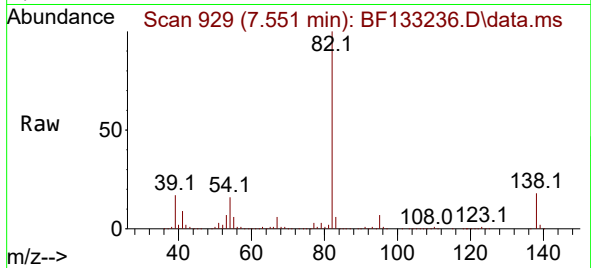




#25
Isophorone
Concen: 43.442 ng
RT: 7.551 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF133236.D
Acq: 04 May 2023 18:02

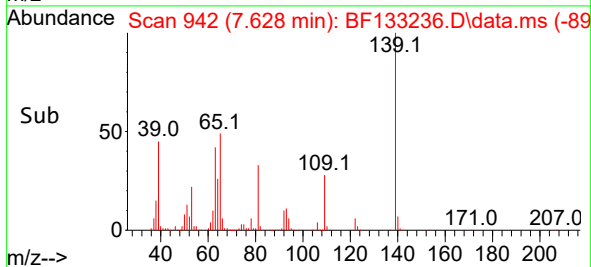
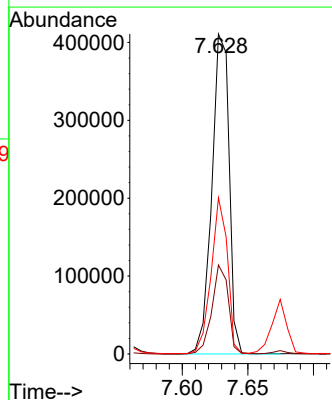
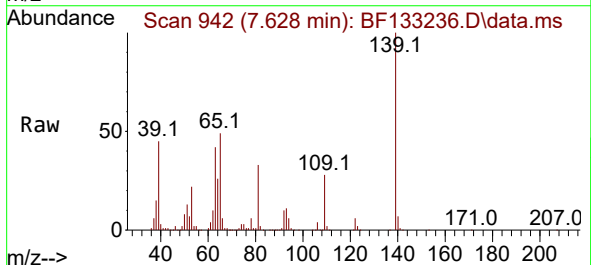
Instrument :
BNA_F
ClientSampleId :
TF-1MSD

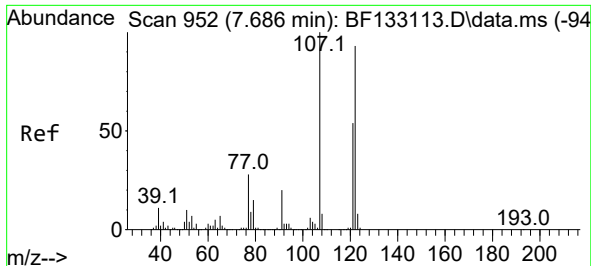
Tgt Ion: 82 Resp: 1275977
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 18.2 16.0 24.0



#26
2-Nitrophenol
Concen: 49.839 ng
RT: 7.628 min Scan# 942
Delta R.T. -0.006 min
Lab File: BF133236.D
Acq: 04 May 2023 18:02

Tgt Ion: 139 Resp: 376837
Ion Ratio Lower Upper
139 100
109 27.8 21.6 32.4
65 48.8 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 46.804 ng

RT: 7.675 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF133236.D

Acq: 04 May 2023 18:02

Instrument :

BNA_F

ClientSampleId :

TF-1MSD

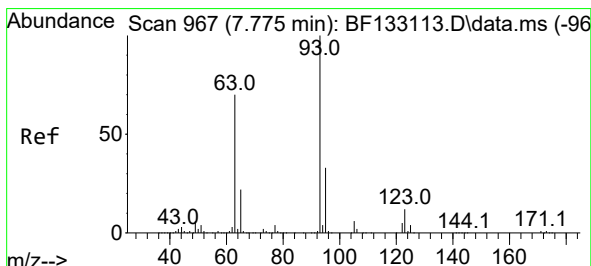
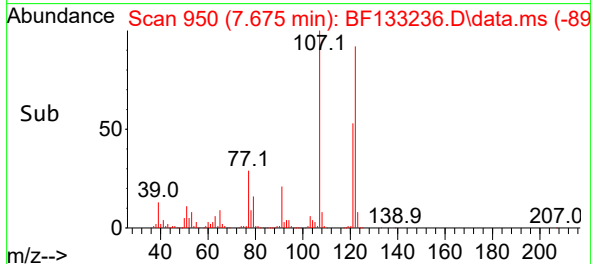
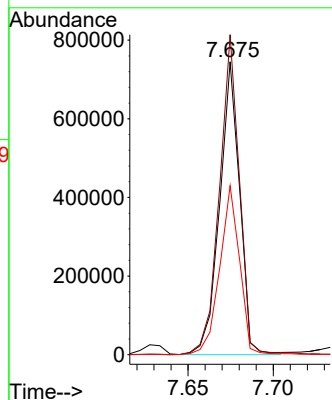
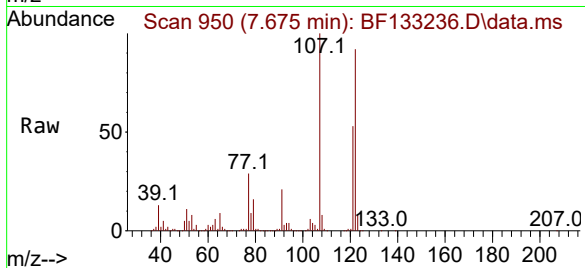
Tgt Ion:122 Resp: 606816

Ion Ratio Lower Upper

122 100

107 109.2 89.7 134.5

121 57.7 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 43.626 ng

RT: 7.769 min Scan# 966

Delta R.T. -0.000 min

Lab File: BF133236.D

Acq: 04 May 2023 18:02

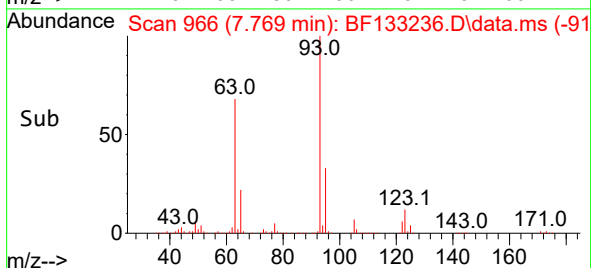
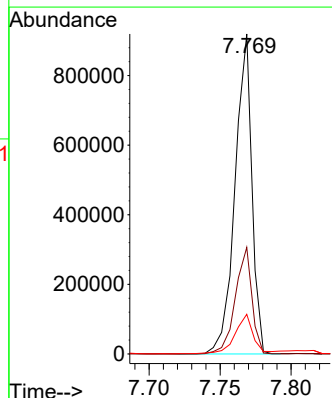
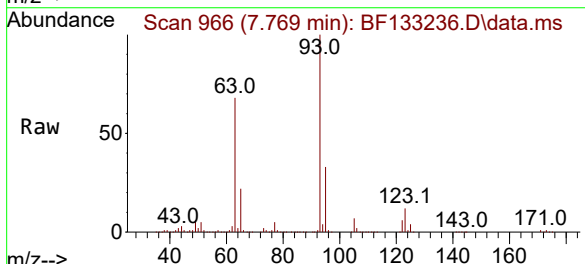
Tgt Ion: 93 Resp: 758062

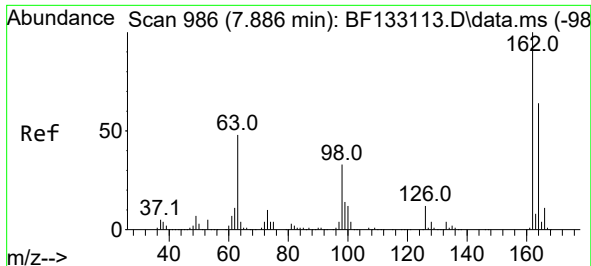
Ion Ratio Lower Upper

93 100

95 33.3 26.4 39.6

123 12.4 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 46.839 ng

RT: 7.875 min Scan# 984

Delta R.T. -0.000 min

Lab File: BF133236.D

Acq: 04 May 2023 18:02

Instrument :

BNA_F

ClientSampleId :

TF-1MSD

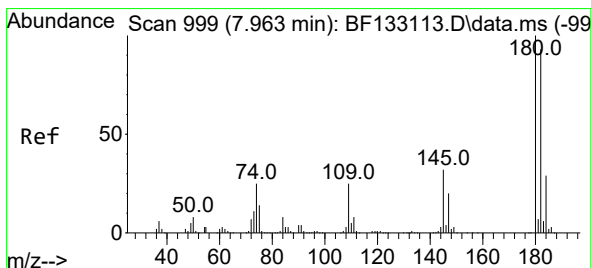
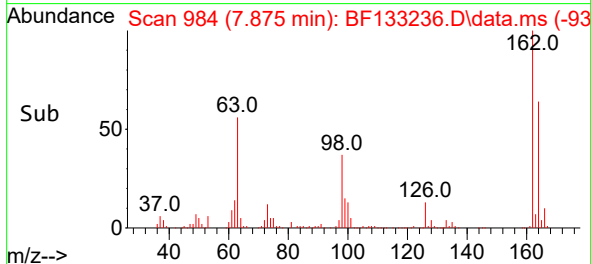
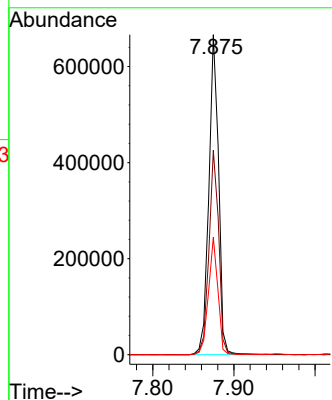
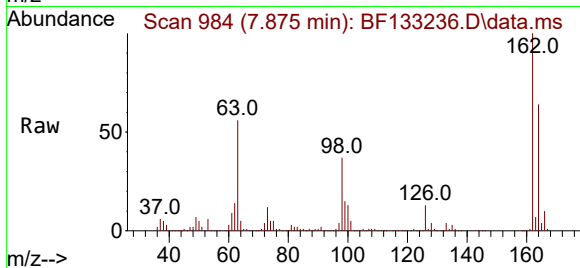
Tgt Ion:162 Resp: 552825

Ion Ratio Lower Upper

162 100

164 63.9 43.9 83.9

98 36.7 17.0 57.0



#30

1,2,4-Trichlorobenzene

Concen: 46.276 ng

RT: 7.957 min Scan# 998

Delta R.T. -0.000 min

Lab File: BF133236.D

Acq: 04 May 2023 18:02

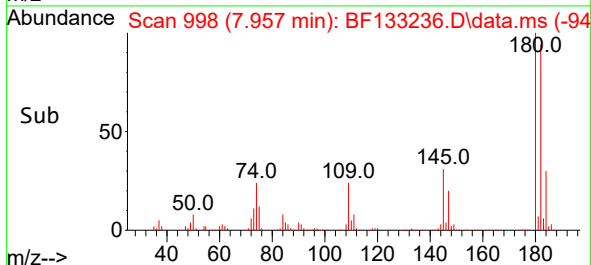
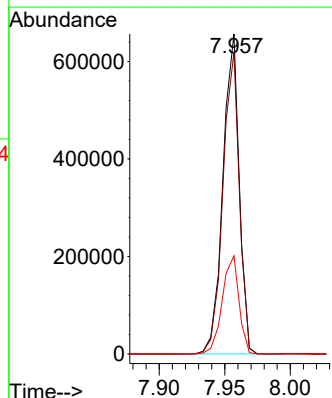
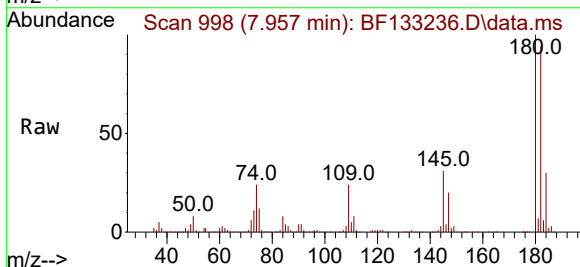
Tgt Ion:180 Resp: 565845

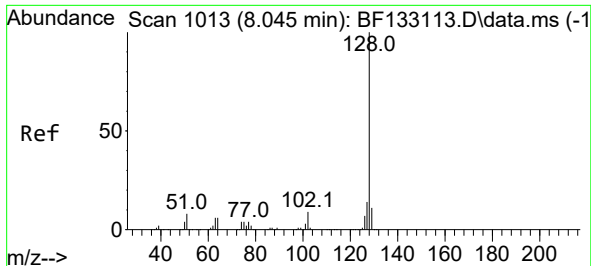
Ion Ratio Lower Upper

180 100

182 94.3 75.9 113.9

145 30.7 25.3 37.9

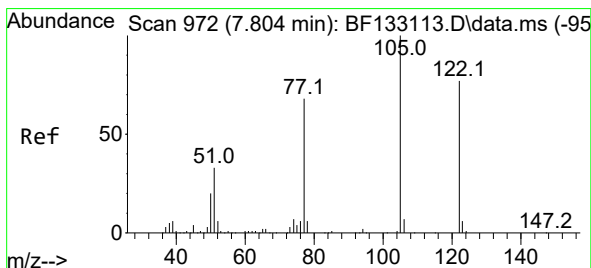
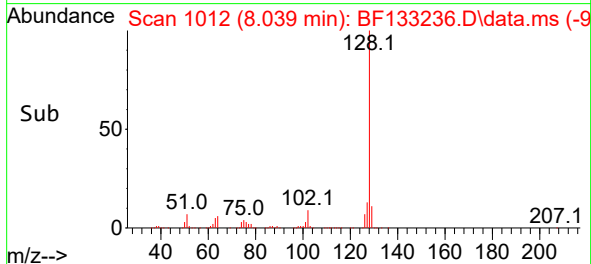
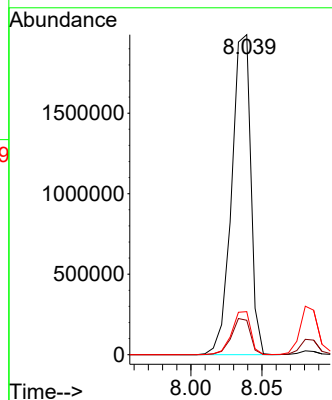
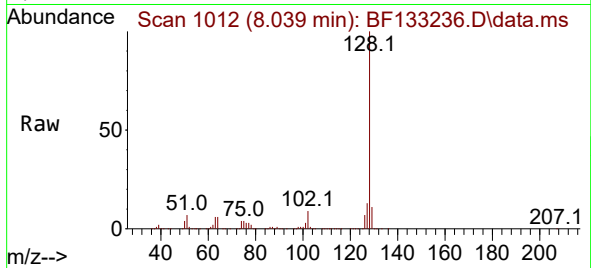




#31
Naphthalene
Concen: 44.658 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF133236.D
Acq: 04 May 2023 18:02

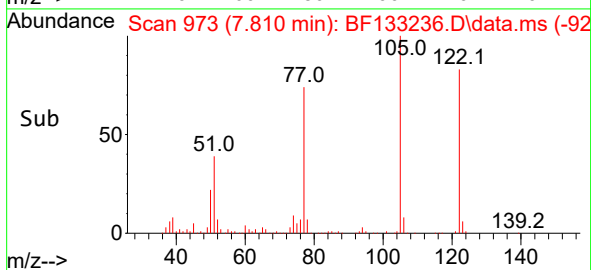
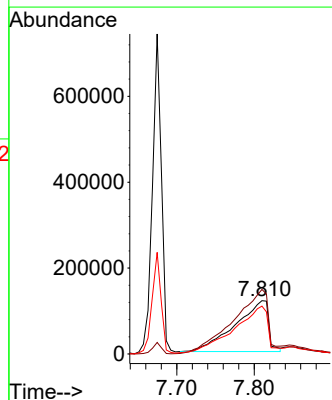
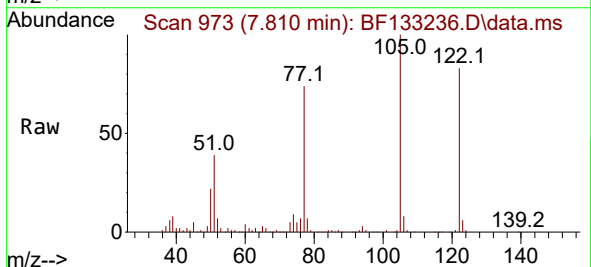
Instrument :
BNA_F
ClientSampleId :
TF-1MSD

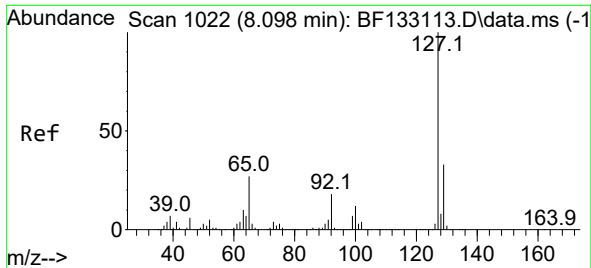
Tgt Ion:128 Resp: 1864407
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 43.917 ng
RT: 7.810 min Scan# 973
Delta R.T. 0.006 min
Lab File: BF133236.D
Acq: 04 May 2023 18:02

Tgt Ion:122 Resp: 351707
Ion Ratio Lower Upper
122 100
105 120.9 104.2 144.2
77 89.9 69.7 109.7

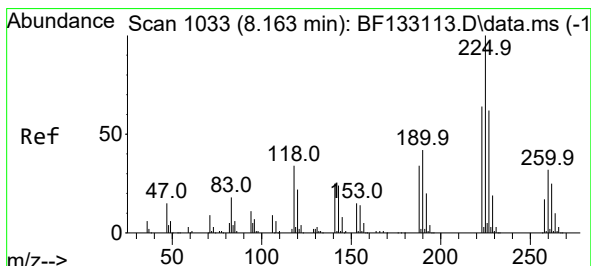
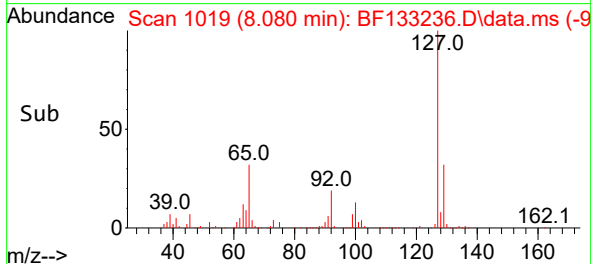
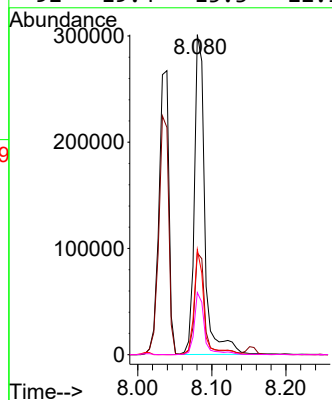
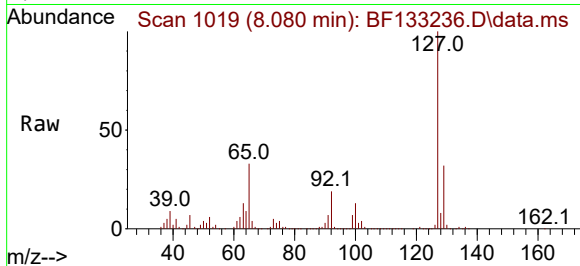




#33
4-Chloroaniline
Concen: 17.488 ng
RT: 8.080 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF133236.D
Acq: 04 May 2023 18:02

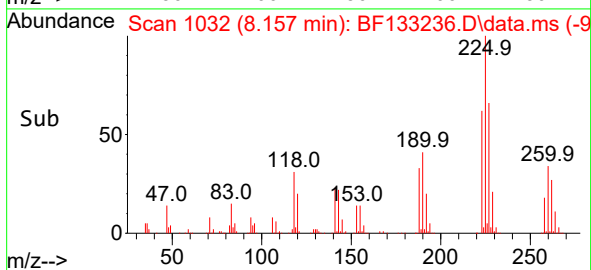
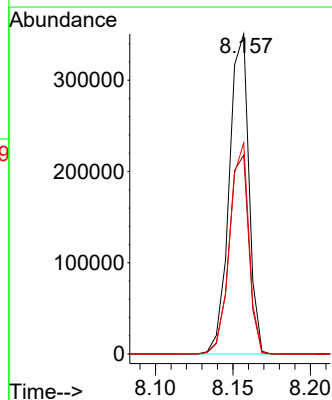
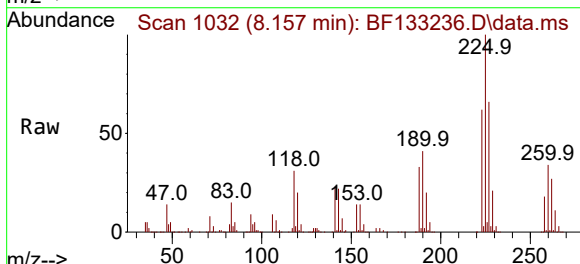
Instrument :
BNA_F
ClientSampleId :
TF-1MSD

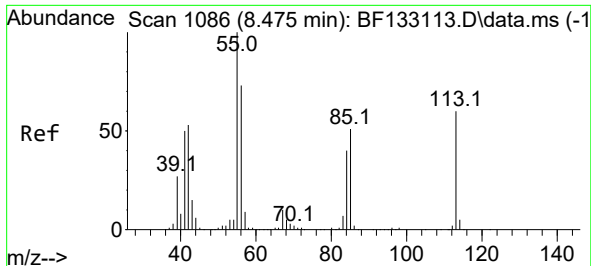
Tgt Ion:127	Resp: 294984
Ion Ratio	Lower Upper
127 100	
129 31.8	25.8 38.8
65 32.9	23.6 35.4
92 19.4	15.3 22.9



#34
Hexachlorobutadiene
Concen: 45.610 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF133236.D
Acq: 04 May 2023 18:02

Tgt	Ion:225	Resp:	309099
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.9	76.3
227	65.9	50.3	75.5

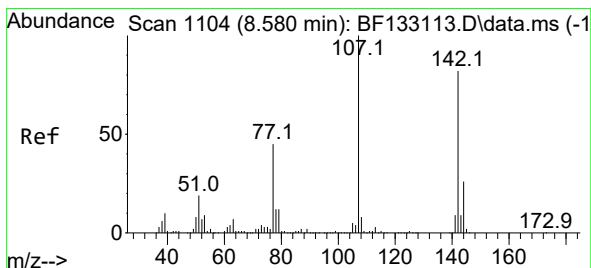
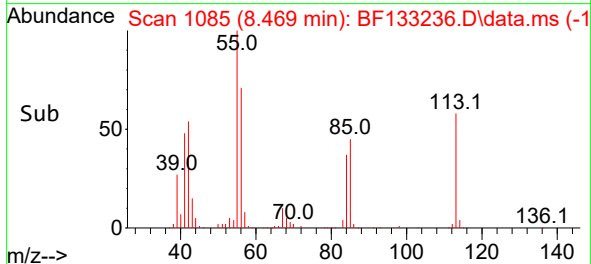
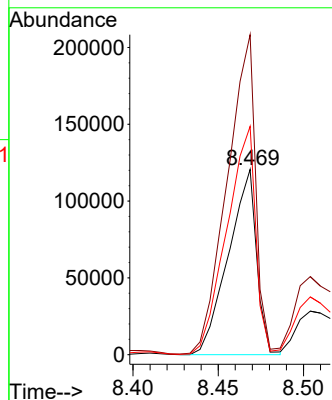
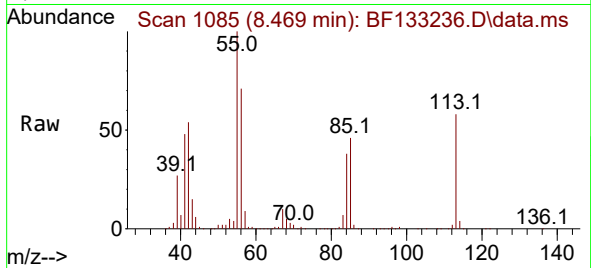




#35
 Caprolactam
 Concen: 34.981 ng
 RT: 8.469 min Scan# 1103
 Delta R.T. 0.006 min
 Lab File: BF133236.D
 Acq: 04 May 2023 18:02

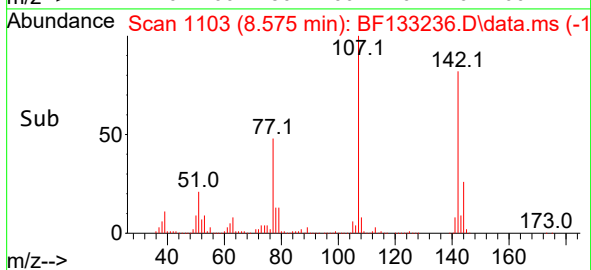
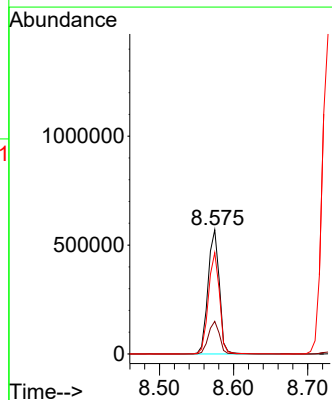
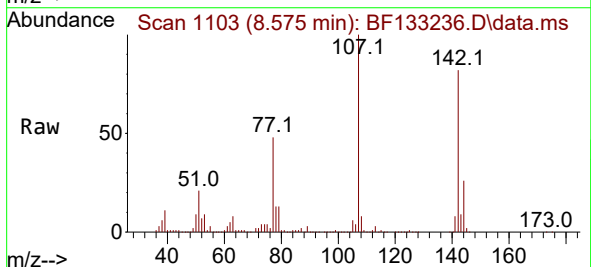
Instrument :
 BNA_F
 ClientSampleId :
 TF-1MSD

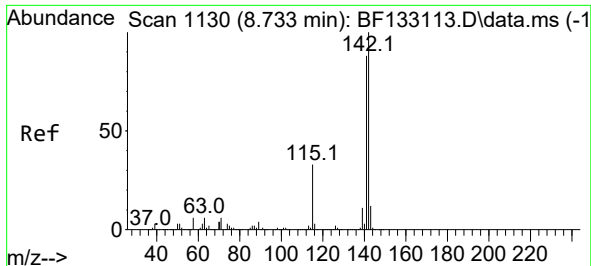
Tgt Ion:113 Resp: 138699
 Ion Ratio Lower Upper
 113 100
 55 172.7 167.1 207.1
 56 123.2 114.5 154.5



#36
 4-Chloro-3-methylphenol
 Concen: 47.571 ng
 RT: 8.575 min Scan# 1103
 Delta R.T. 0.006 min
 Lab File: BF133236.D
 Acq: 04 May 2023 18:02

Tgt Ion:107 Resp: 605466
 Ion Ratio Lower Upper
 107 100
 144 26.3 20.6 30.8
 142 81.5 62.8 94.2

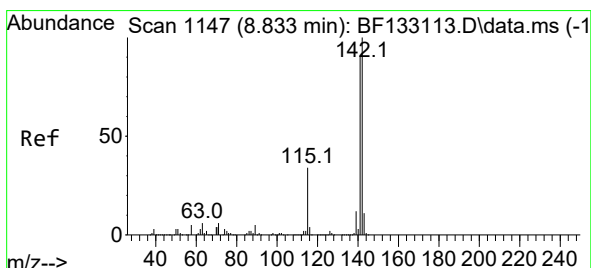
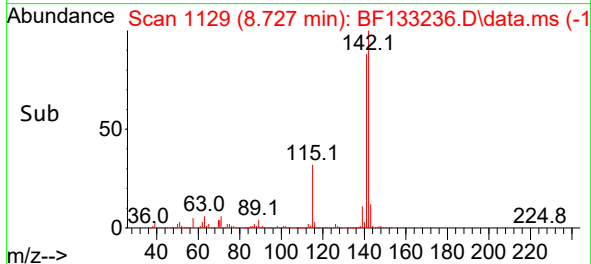
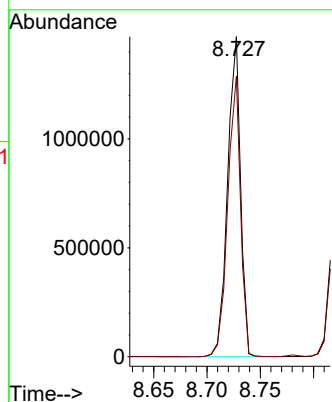
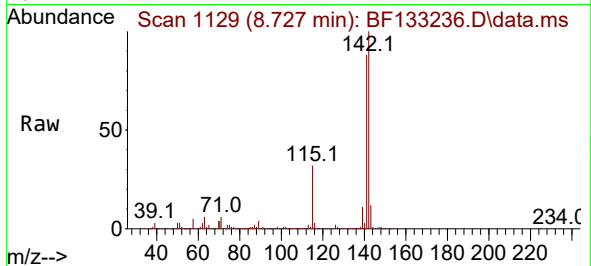




#37
2-Methylnaphthalene
Concen: 43.374 ng
RT: 8.727 min Scan# 1129
Delta R.T. -0.000 min
Lab File: BF133236.D
Acq: 04 May 2023 18:02

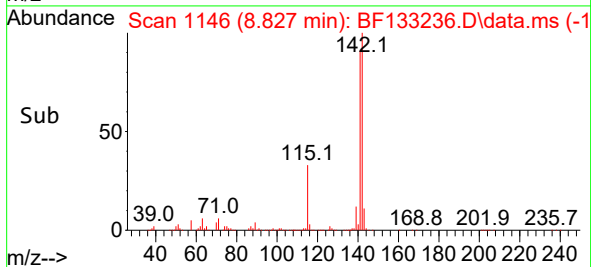
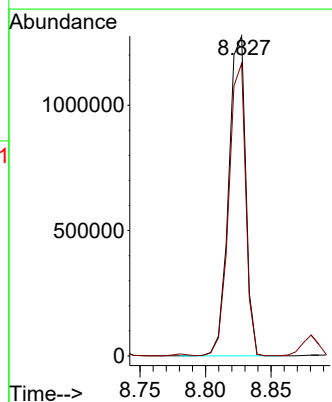
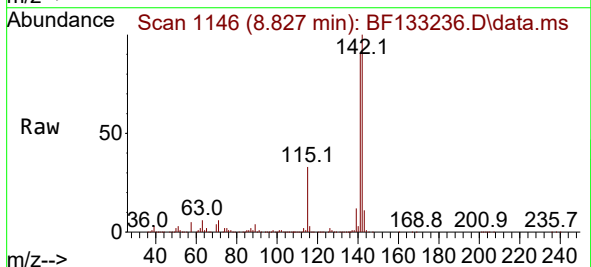
Instrument :
BNA_F
ClientSampleId :
TF-1MSD

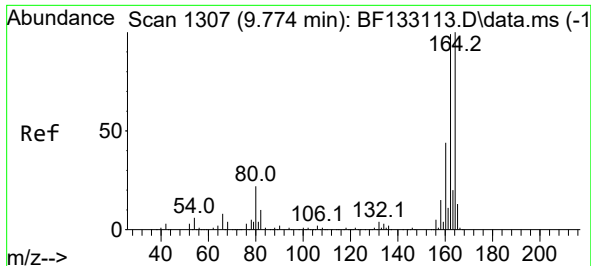
Tgt Ion:142 Resp: 1238001
Ion Ratio Lower Upper
142 100
141 87.6 69.4 104.0



#38
1-Methylnaphthalene
Concen: 43.216 ng
RT: 8.827 min Scan# 1146
Delta R.T. -0.000 min
Lab File: BF133236.D
Acq: 04 May 2023 18:02

Tgt Ion:142 Resp: 1153901
Ion Ratio Lower Upper
142 100
141 91.4 73.1 109.7

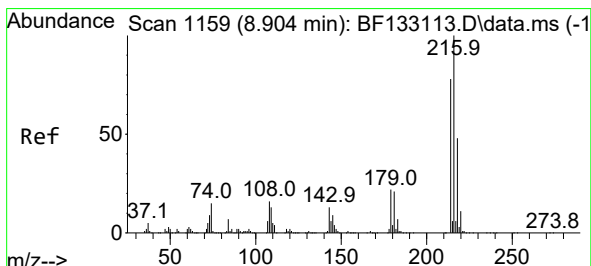
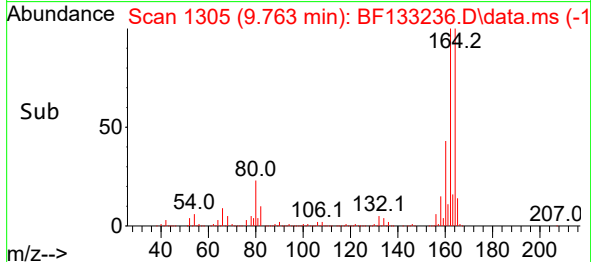
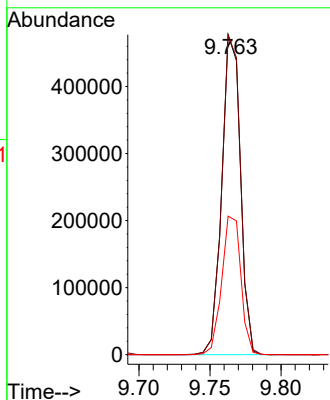
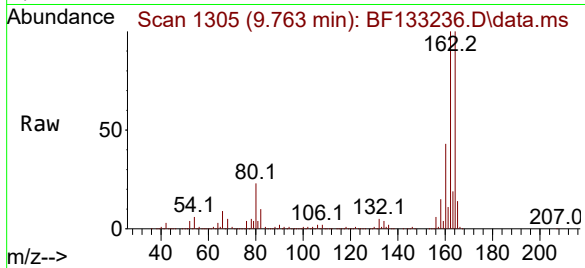




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1130
Delta R.T. -0.006 min
Lab File: BF133236.D
Acq: 04 May 2023 18:02

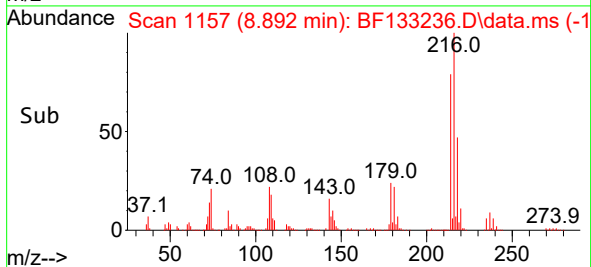
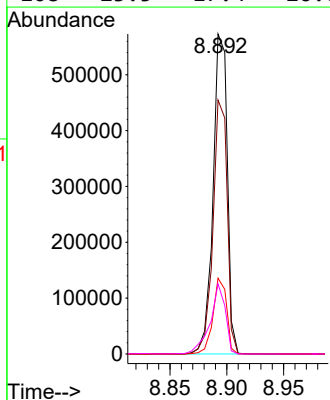
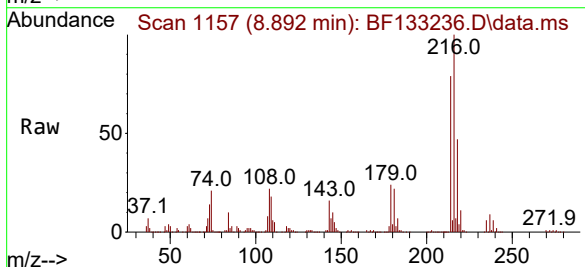
Instrument :
BNA_F
ClientSampleId :
TF-1MSD

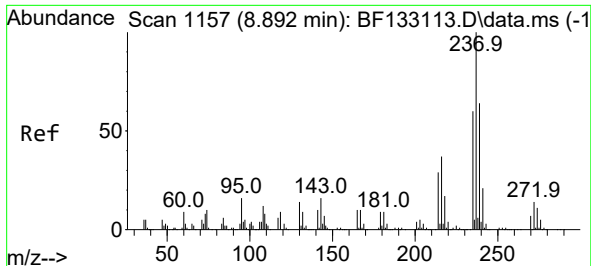
Tgt Ion:164 Resp: 434263
Ion Ratio Lower Upper
164 100
162 99.9 78.7 118.1
160 43.3 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.822 ng
RT: 8.892 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF133236.D
Acq: 04 May 2023 18:02

Tgt Ion:216 Resp: 499997
Ion Ratio Lower Upper
216 100
214 79.1 63.5 95.3
179 22.7 17.4 26.2
108 23.5 17.4 26.0

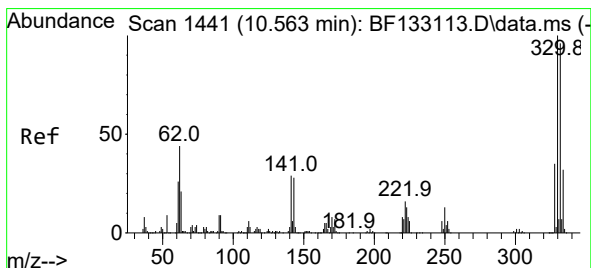
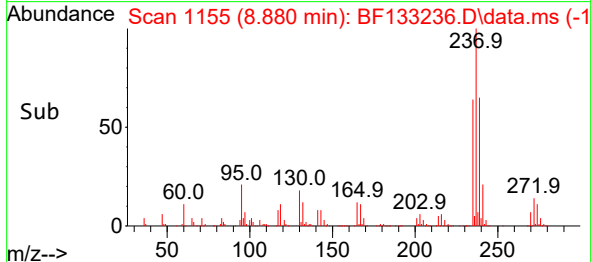
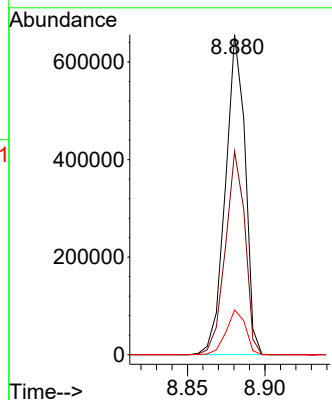
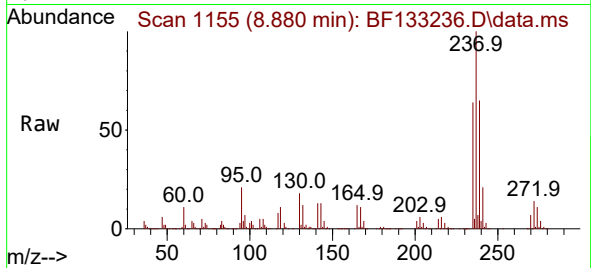




#41
Hexachlorocyclopentadiene
Concen: 85.319 ng
RT: 8.880 min Scan# 1155
Delta R.T. -0.000 min
Lab File: BF133236.D
Acq: 04 May 2023 18:02

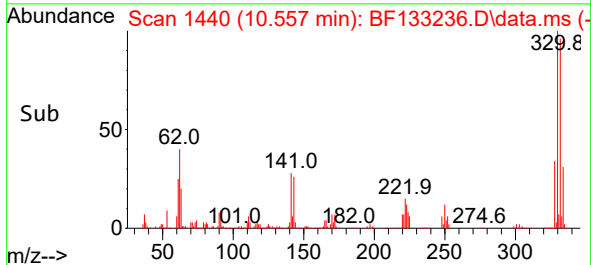
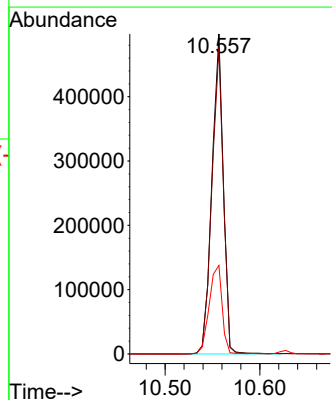
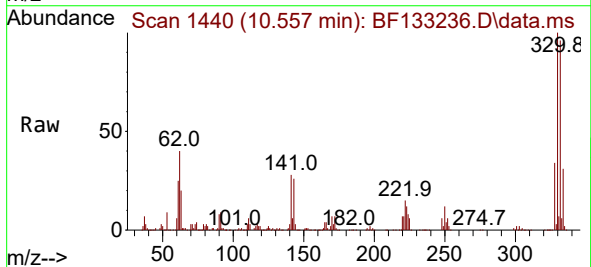
Instrument :
BNA_F
ClientSampleId :
TF-1MSD

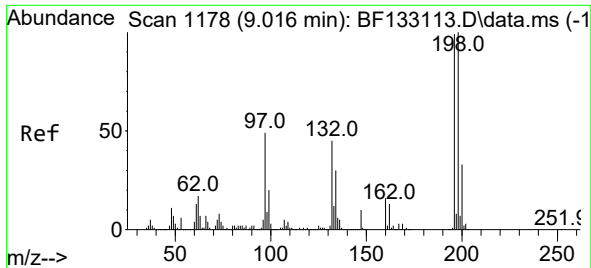
Tgt Ion: 237 Resp: 580981
Ion Ratio Lower Upper
237 100
235 63.6 43.5 83.5
272 14.0 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 95.293 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF133236.D
Acq: 04 May 2023 18:02

Tgt Ion: 330 Resp: 416179
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 31.4 25.8 38.8

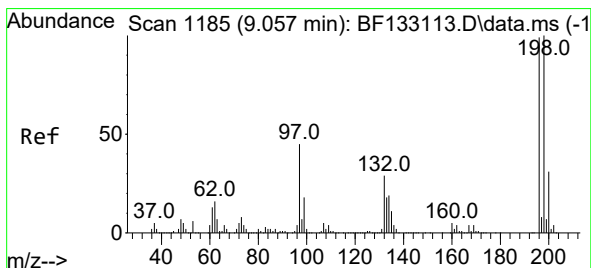
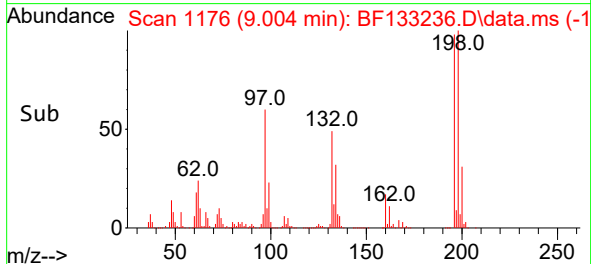
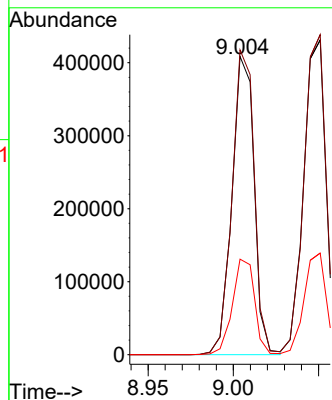
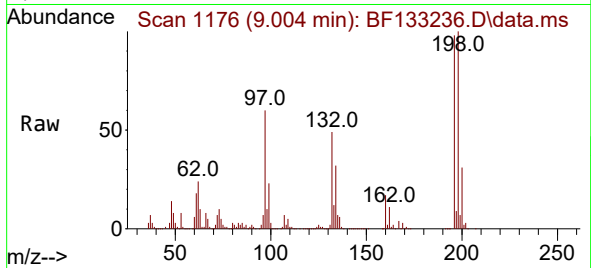




#43
 2,4,6-Trichlorophenol
 Concen: 45.741 ng
 RT: 9.004 min Scan# 1176
 Delta R.T. -0.000 min
 Lab File: BF133236.D
 Acq: 04 May 2023 18:02

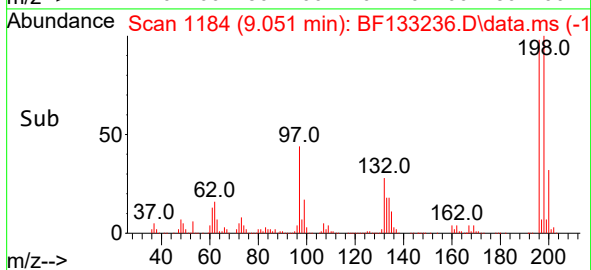
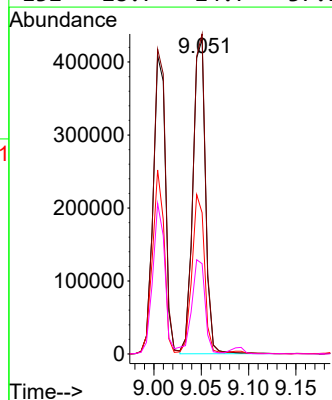
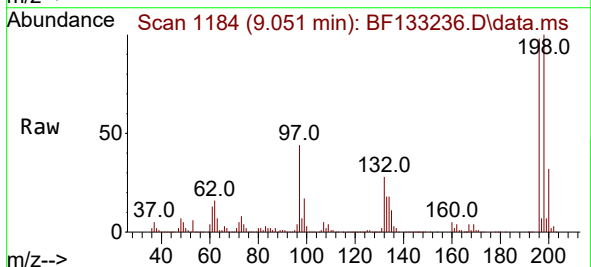
Instrument :
 BNA_F
 ClientSampleId :
 TF-1MSD

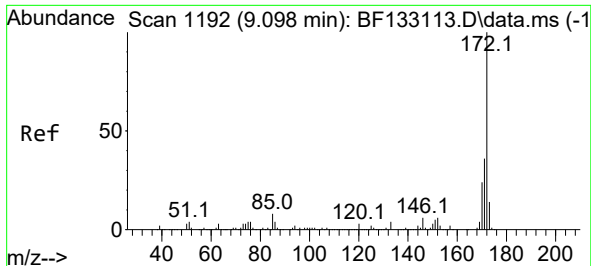
Tgt Ion:196 Resp: 369353
 Ion Ratio Lower Upper
 196 100
 198 102.2 81.0 121.6
 200 32.0 26.1 39.1



#44
 2,4,5-Trichlorophenol
 Concen: 42.917 ng
 RT: 9.051 min Scan# 1184
 Delta R.T. 0.006 min
 Lab File: BF133236.D
 Acq: 04 May 2023 18:02

Tgt Ion:196 Resp: 400793
 Ion Ratio Lower Upper
 196 100
 198 101.7 80.9 121.3
 97 44.8 41.3 61.9
 132 28.7 24.7 37.1

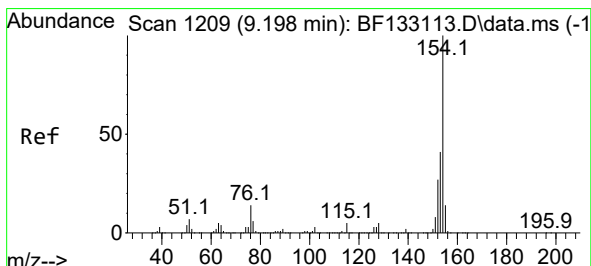
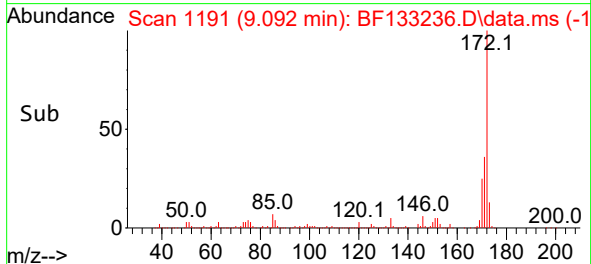
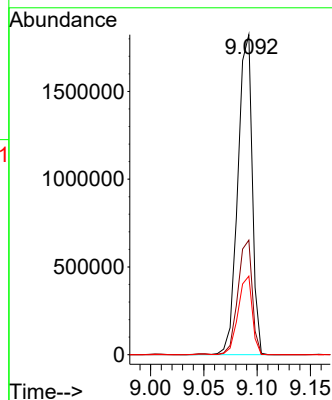
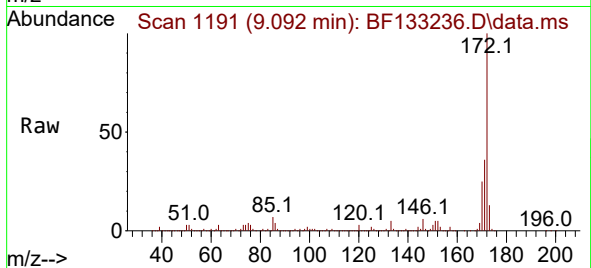




#45
2-Fluorobiphenyl
Concen: 66.181 ng
RT: 9.092 min Scan# 1192
Delta R.T. -0.000 min
Lab File: BF133236.D
Acq: 04 May 2023 18:02

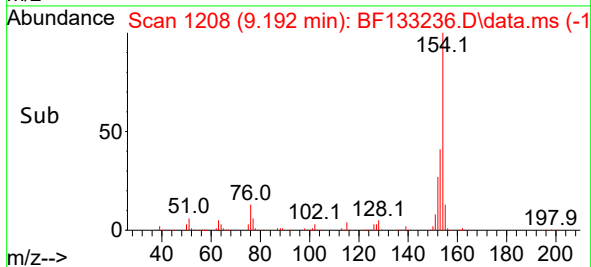
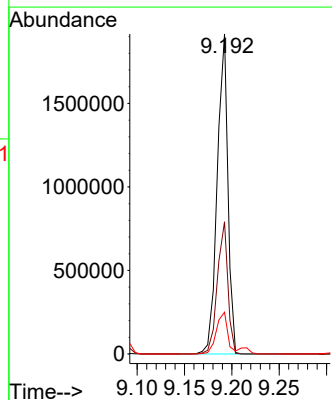
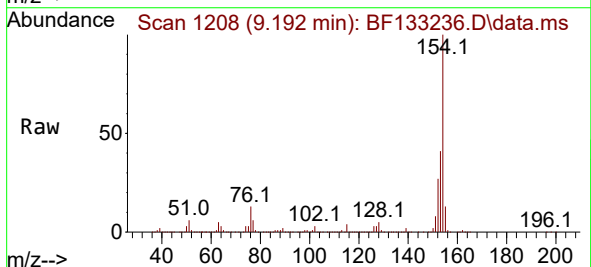
Instrument :
BNA_F
ClientSampleId :
TF-1MSD

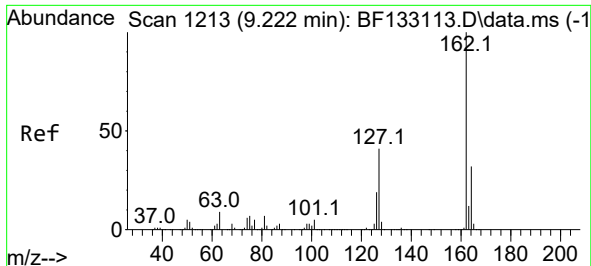
Tgt Ion:172 Resp: 1717867
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 24.6 19.4 29.2



#46
1,1'-Biphenyl
Concen: 43.644 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.000 min
Lab File: BF133236.D
Acq: 04 May 2023 18:02

Tgt Ion:154 Resp: 1502872
Ion Ratio Lower Upper
154 100
153 41.3 21.0 61.0
76 13.0 0.0 34.5





#47

2-Chloronaphthalene

Concen: 45.252 ng

RT: 9.216 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133236.D

Acq: 04 May 2023 18:02

Instrument :

BNA_F

ClientSampleId :

TF-1MSD

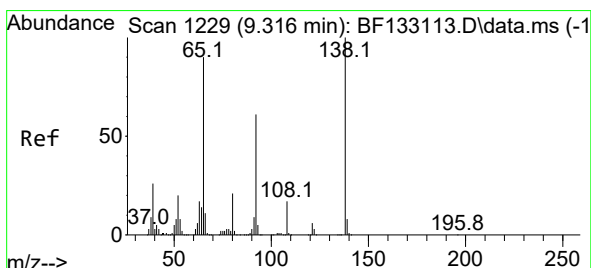
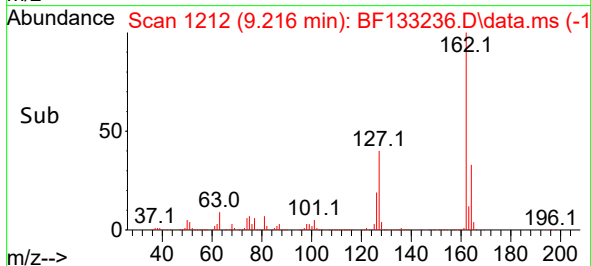
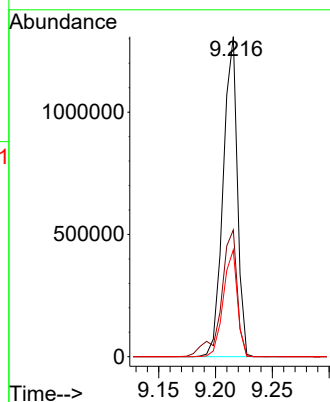
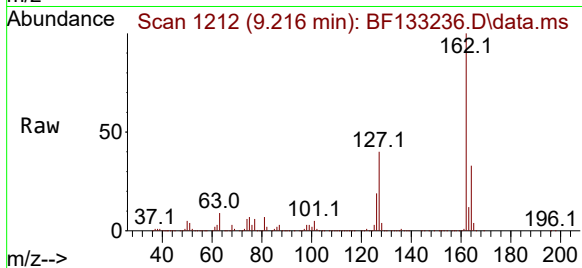
Tgt Ion:162 Resp: 1140543

Ion Ratio Lower Upper

162 100

127 39.6 32.3 48.5

164 33.4 26.8 40.2



#48

2-Nitroaniline

Concen: 45.624 ng

RT: 9.310 min Scan# 1228

Delta R.T. -0.000 min

Lab File: BF133236.D

Acq: 04 May 2023 18:02

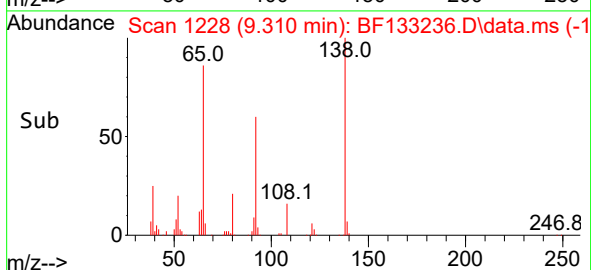
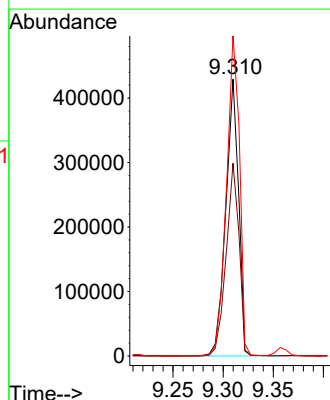
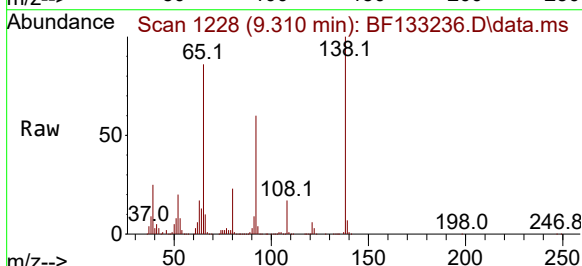
Tgt Ion: 65 Resp: 380044

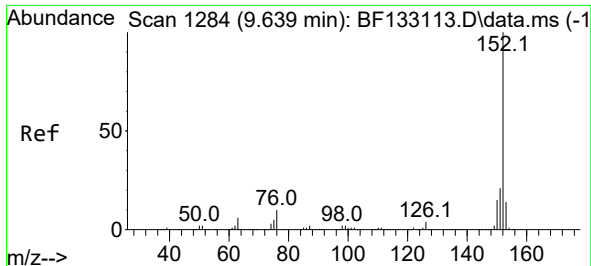
Ion Ratio Lower Upper

65 100

92 69.6 55.4 83.0

138 115.6 98.2 147.2

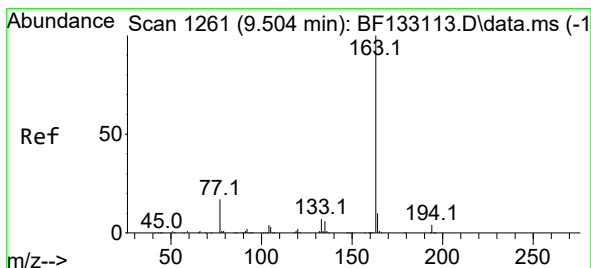
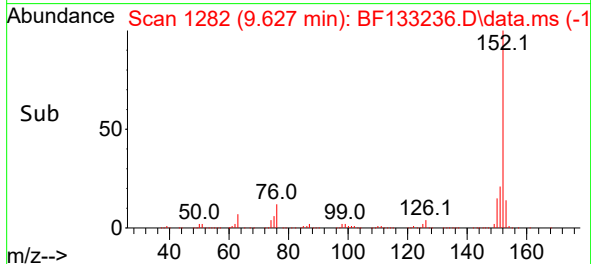
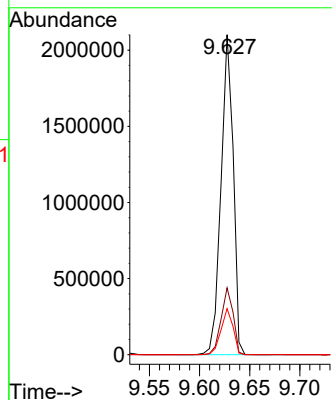
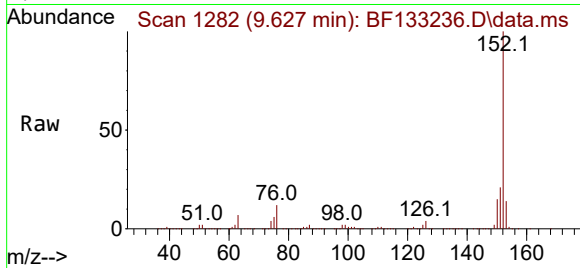




#49
Acenaphthylene
Concen: 44.026 ng
RT: 9.627 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133236.D
Acq: 04 May 2023 18:02

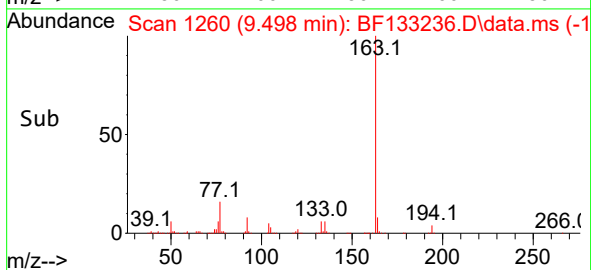
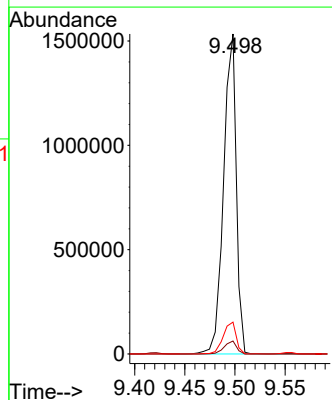
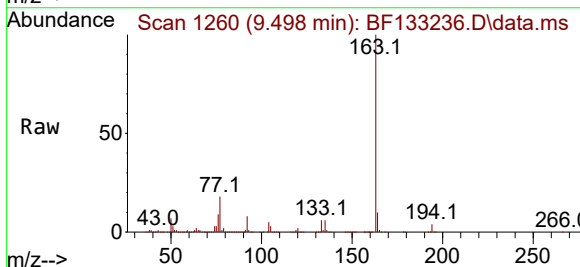
Instrument :
BNA_F
ClientSampleId :
TF-1MSD

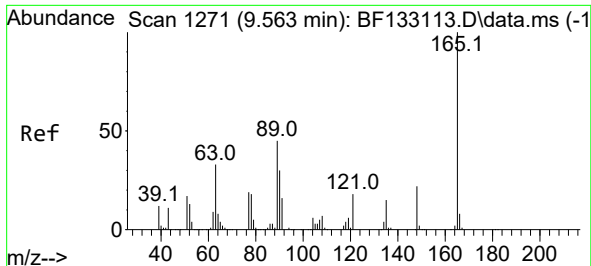
Tgt Ion:152 Resp: 1773021
Ion Ratio Lower Upper
152 100
151 20.9 16.6 24.8
153 14.4 11.5 17.3



#50
Dimethylphthalate
Concen: 44.420 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.000 min
Lab File: BF133236.D
Acq: 04 May 2023 18:02

Tgt Ion:163 Resp: 1345045
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.0 8.5 12.7

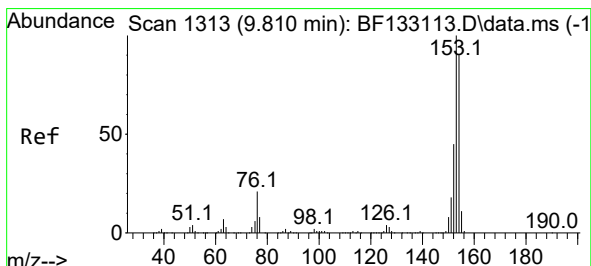
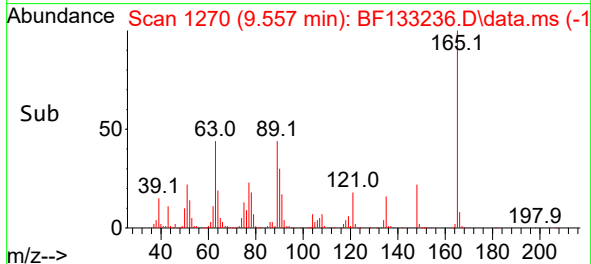
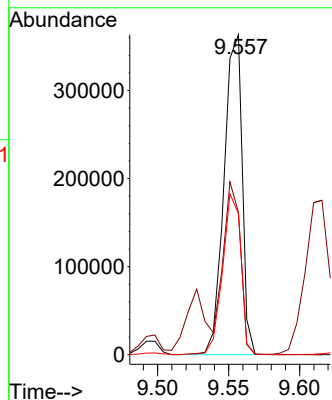
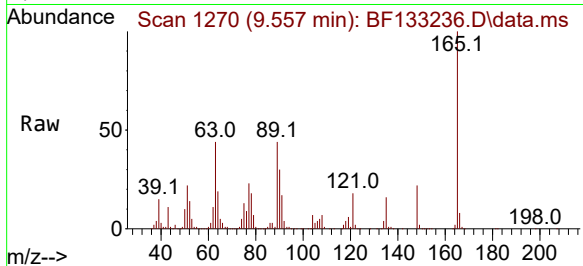




#51
2,6-Dinitrotoluene
Concen: 47.321 ng
RT: 9.557 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133236.D
Acq: 04 May 2023 18:02

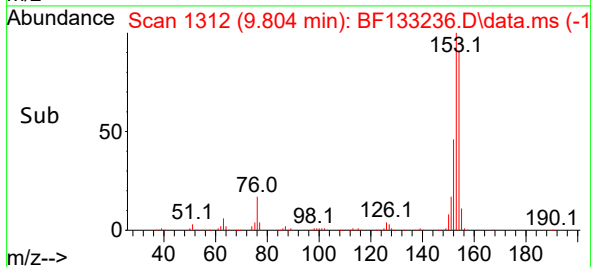
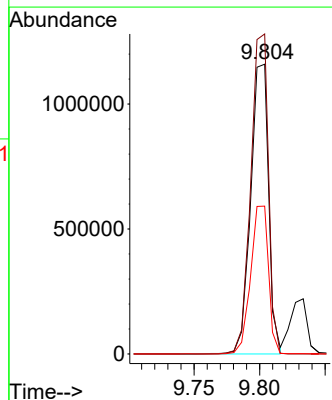
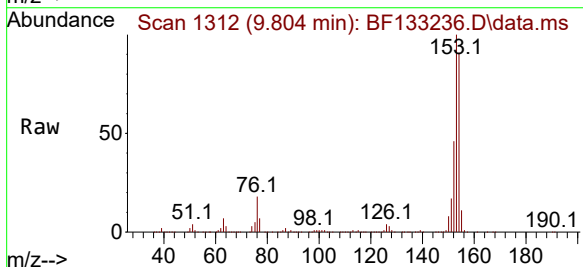
Instrument :
BNA_F
ClientSampleId :
TF-1MSD

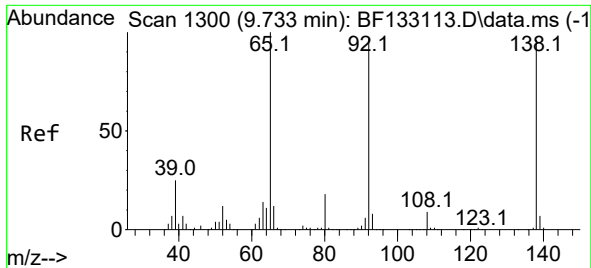
Tgt Ion:165 Resp: 322509
Ion Ratio Lower Upper
165 100
63 44.5 45.9 68.9#
89 44.0 44.0 66.0



#52
Acenaphthene
Concen: 40.775 ng
RT: 9.804 min Scan# 1312
Delta R.T. -0.000 min
Lab File: BF133236.D
Acq: 04 May 2023 18:02

Tgt Ion:154 Resp: 1099813
Ion Ratio Lower Upper
154 100
153 110.4 89.0 133.6
152 51.0 40.4 60.6

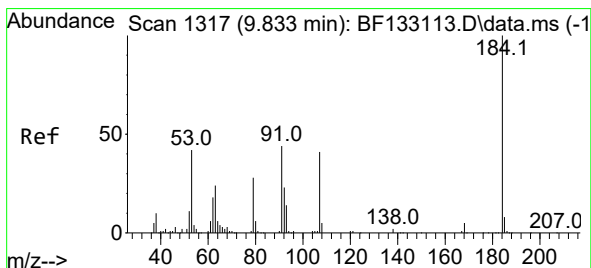
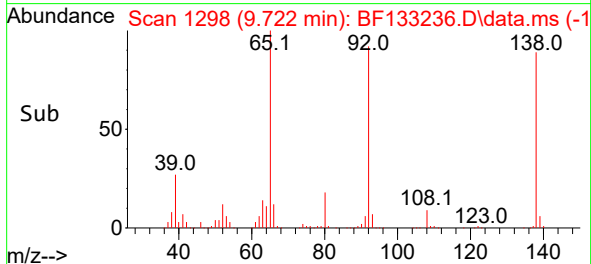
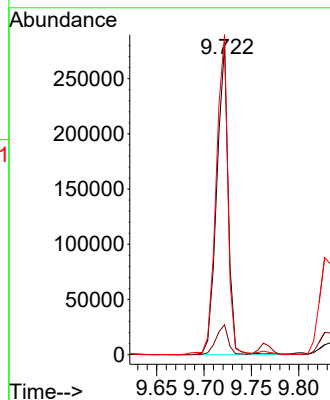
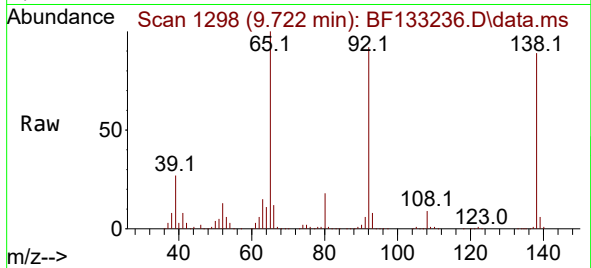




#53
3-Nitroaniline
Concen: 29.080 ng
RT: 9.722 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BF133236.D
Acq: 04 May 2023 18:02

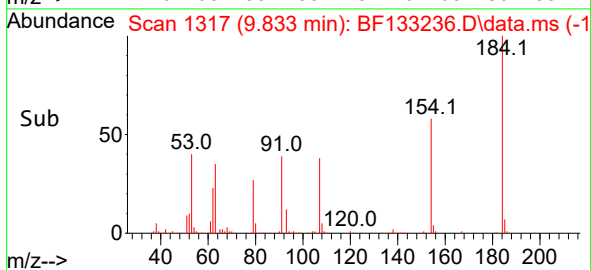
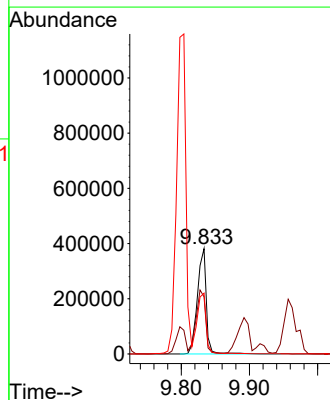
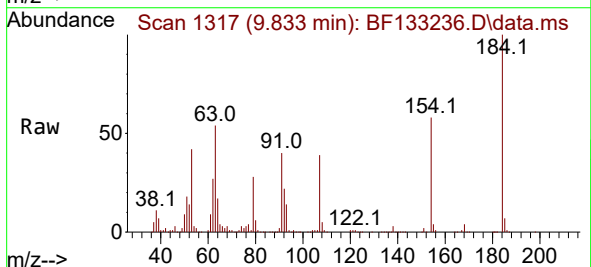
Instrument :
BNA_F
ClientSampleId :
TF-1MSD

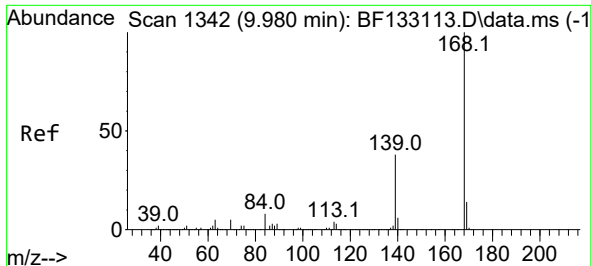
Tgt Ion:138 Resp: 235655
Ion Ratio Lower Upper
138 100
108 9.7 8.0 12.0
92 103.3 83.6 125.4



#54
2,4-Dinitrophenol
Concen: 101.683 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF133236.D
Acq: 04 May 2023 18:02

Tgt Ion:184 Resp: 348338
Ion Ratio Lower Upper
184 100
63 54.4 49.8 74.8
154 57.9 49.5 74.3

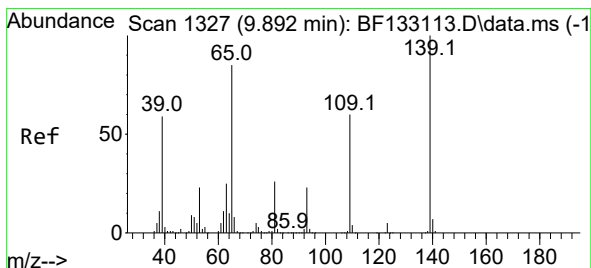
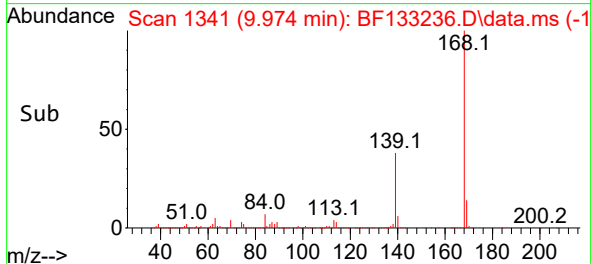
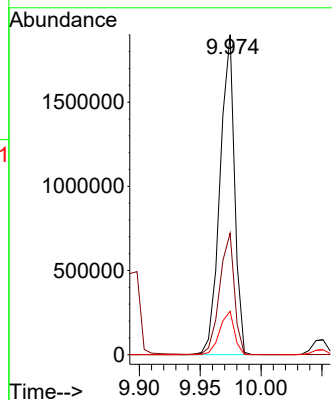
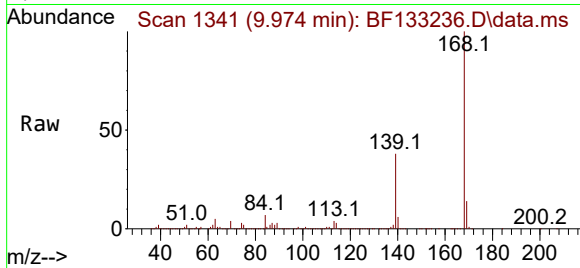




#55
Dibenzenofuran
Concen: 43.043 ng
RT: 9.974 min Scan# 1341
Delta R.T. -0.000 min
Lab File: BF133236.D
Acq: 04 May 2023 18:02

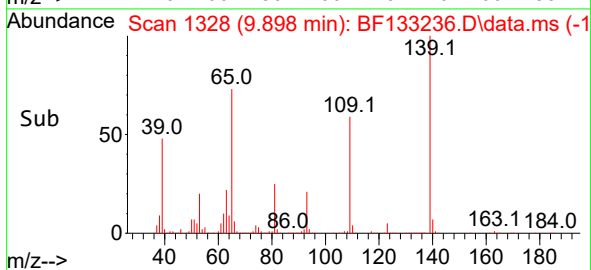
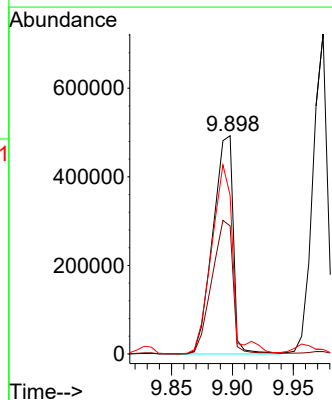
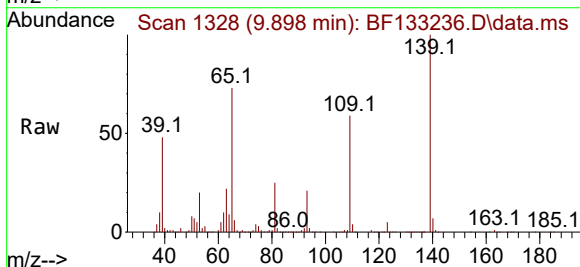
Instrument :
BNA_F
ClientSampleId :
TF-1MSD

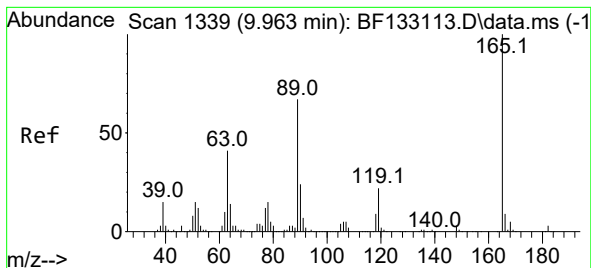
Tgt Ion:168 Resp: 1583677
Ion Ratio Lower Upper
168 100
139 38.0 29.8 44.8
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 91.348 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.012 min
Lab File: BF133236.D
Acq: 04 May 2023 18:02

Tgt Ion:139 Resp: 573330
Ion Ratio Lower Upper
139 100
109 58.7 39.4 79.4
65 72.7 57.5 97.5





#57

2,4-Dinitrotoluene

Concen: 48.115 ng

RT: 9.957 min Scan# 1338

Delta R.T. -0.000 min

Lab File: BF133236.D

Acq: 04 May 2023 18:02

Instrument :

BNA_F

ClientSampleId :

TF-1MSD

Tgt Ion:165 Resp: 418187

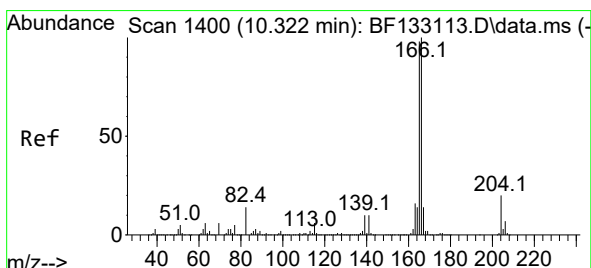
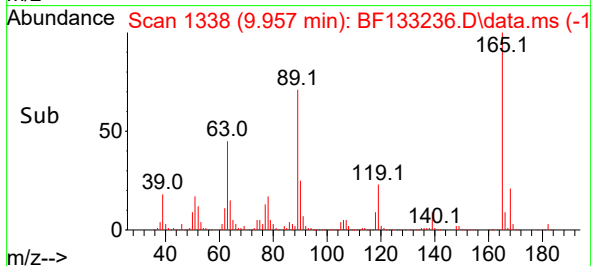
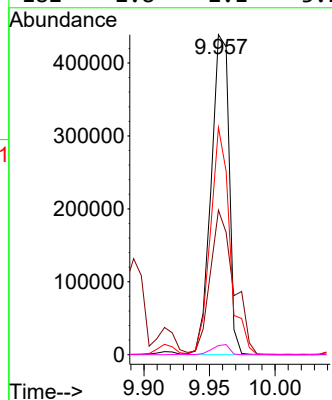
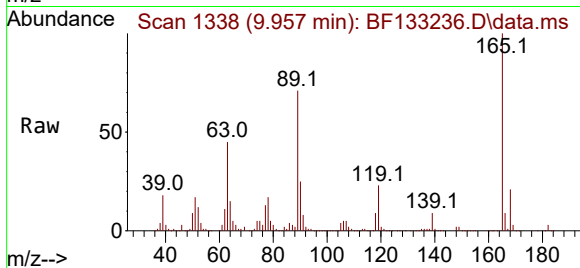
Ion Ratio Lower Upper

165 100

63 45.2 37.7 56.5

89 71.0 57.0 85.4

182 2.8 2.1 3.1



#58

Fluorene

Concen: 43.142 ng

RT: 10.316 min Scan# 1399

Delta R.T. -0.000 min

Lab File: BF133236.D

Acq: 04 May 2023 18:02

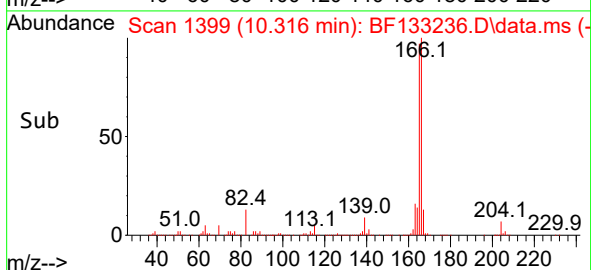
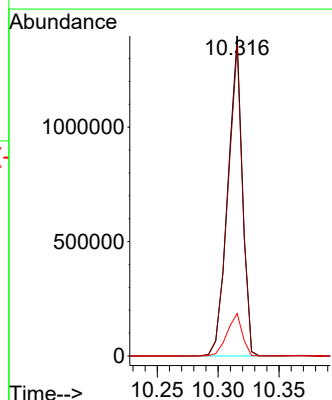
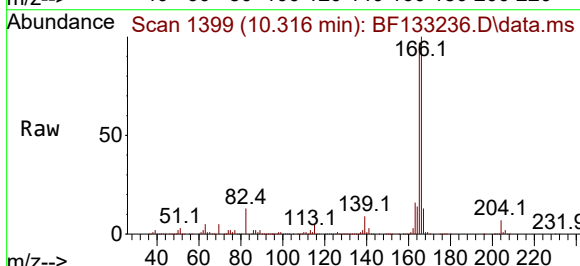
Tgt Ion:166 Resp: 1162953

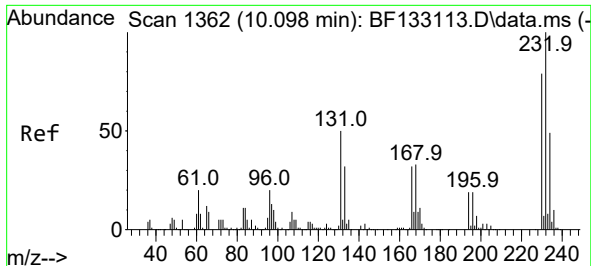
Ion Ratio Lower Upper

166 100

165 97.0 78.6 117.8

167 13.2 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 45.430 ng

RT: 10.092 min Scan# 1361

Delta R.T. -0.000 min

Lab File: BF133236.D

Acq: 04 May 2023 18:02

Instrument :

BNA_F

ClientSampleId :

TF-1MSD

Tgt Ion:232 Resp: 328913

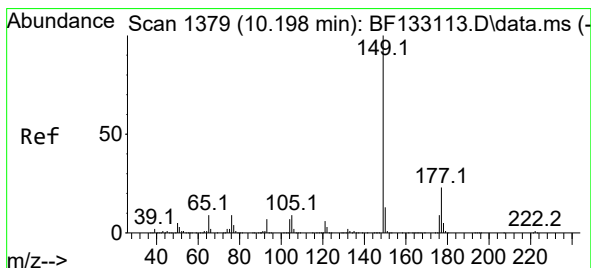
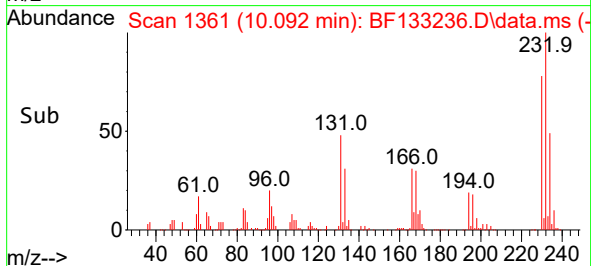
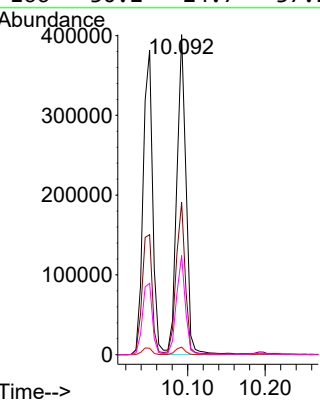
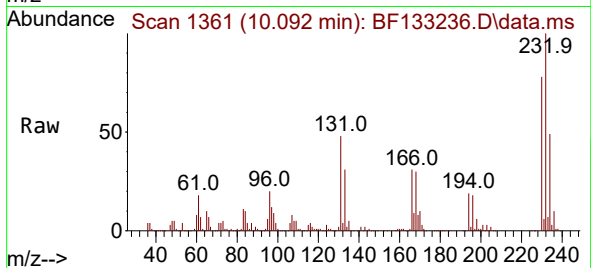
Ion Ratio Lower Upper

232 100

131 47.9 38.0 57.0

130 2.5 1.8 2.8

166 30.2 24.7 37.1



#60

Diethylphthalate

Concen: 44.408 ng

RT: 10.192 min Scan# 1378

Delta R.T. -0.000 min

Lab File: BF133236.D

Acq: 04 May 2023 18:02

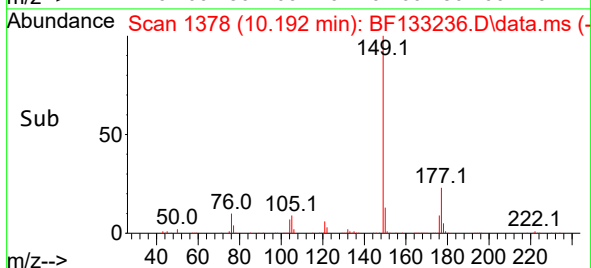
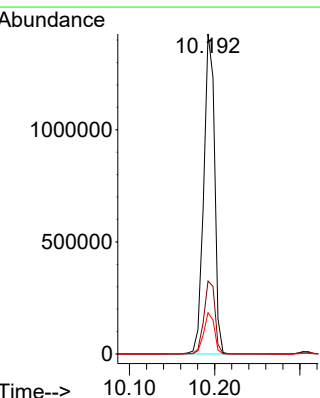
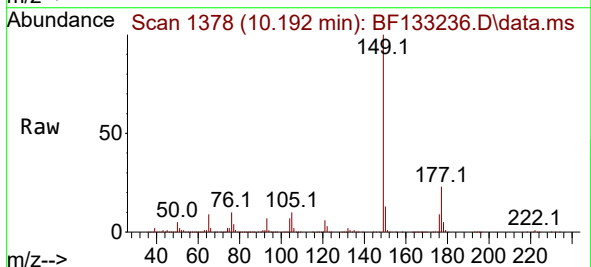
Tgt Ion:149 Resp: 1270144

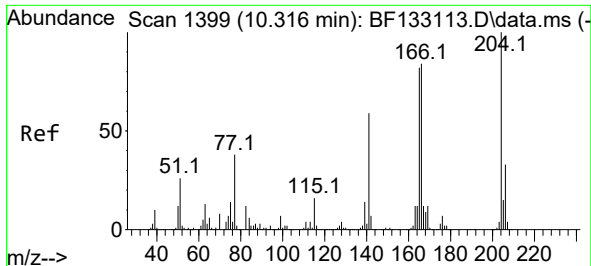
Ion Ratio Lower Upper

149 100

177 22.8 18.2 27.4

150 12.9 10.2 15.4

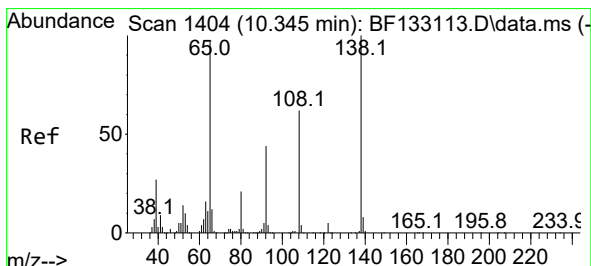
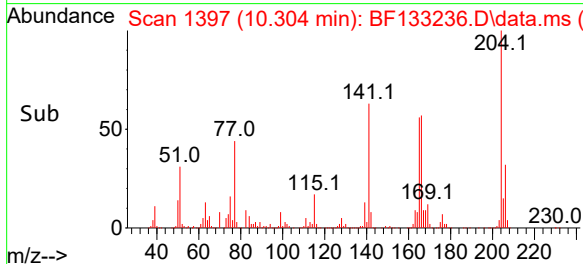
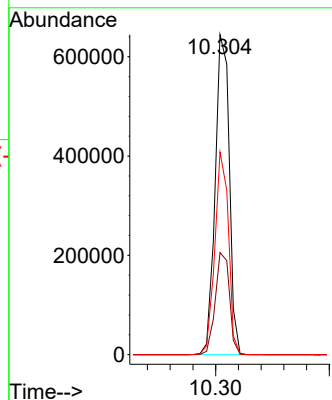
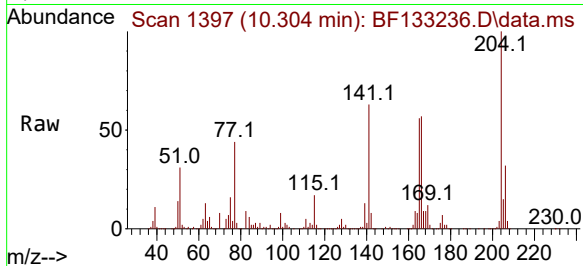




#61
4-Chlorophenyl-phenylether
Concen: 42.374 ng
RT: 10.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133236.D
Acq: 04 May 2023 18:02

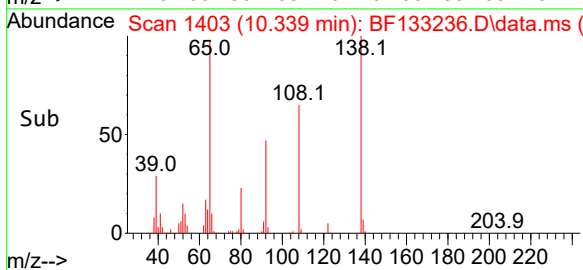
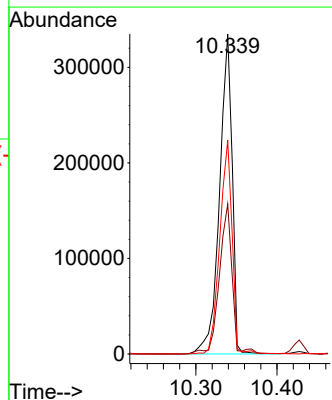
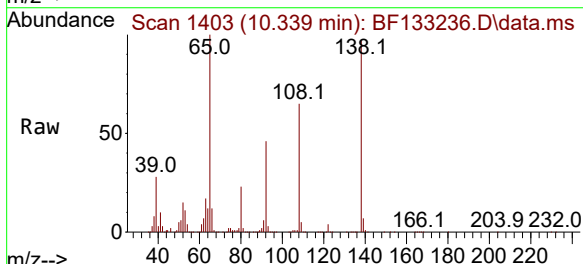
Instrument :
BNA_F
ClientSampleId :
TF-1MSD

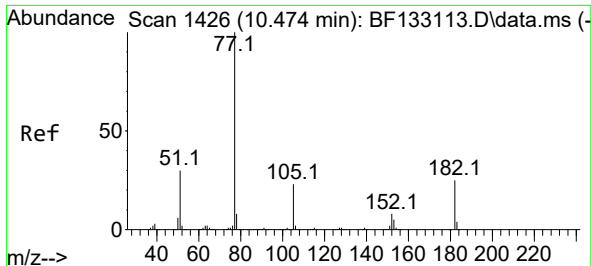
Tgt Ion:204 Resp: 556632
Ion Ratio Lower Upper
204 100
206 31.9 26.1 39.1
141 63.4 46.1 69.1



#62
4-Nitroaniline
Concen: 48.866 ng
RT: 10.339 min Scan# 1403
Delta R.T. -0.000 min
Lab File: BF133236.D
Acq: 04 May 2023 18:02

Tgt Ion:138 Resp: 363952
Ion Ratio Lower Upper
138 100
92 46.9 27.7 67.7
108 66.7 45.2 85.2

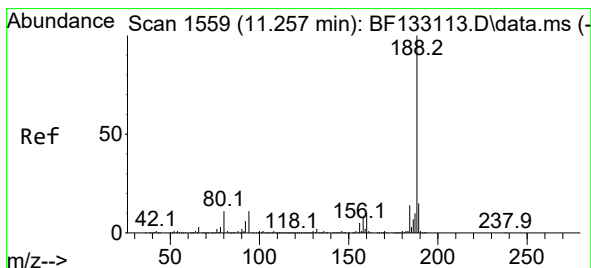
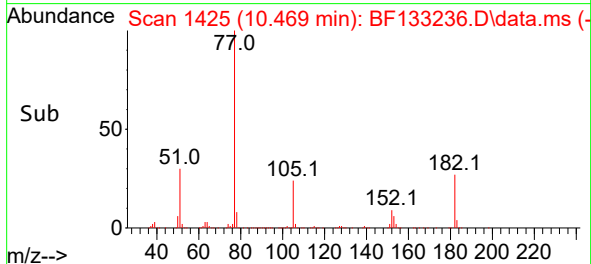
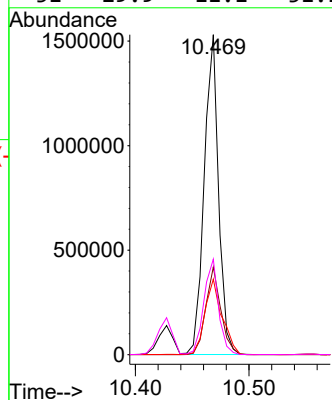
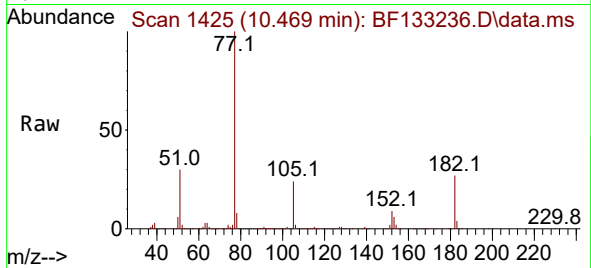




#63
Azobenzene
Concen: 44.238 ng
RT: 10.469 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF133236.D
Acq: 04 May 2023 18:02

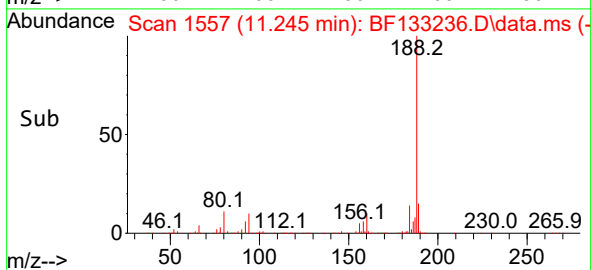
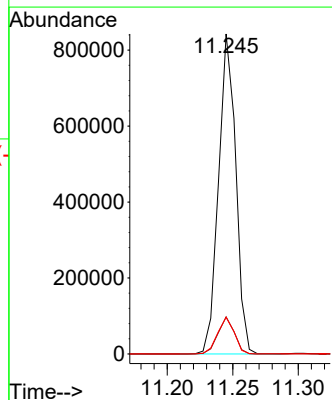
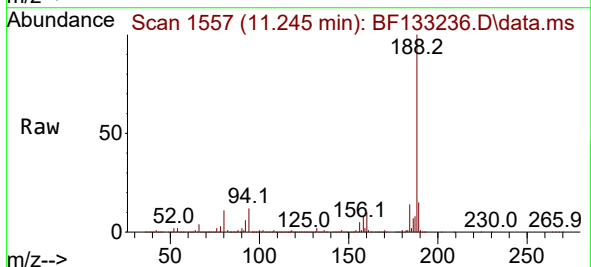
Instrument :
BNA_F
ClientSampleId :
TF-1MSD

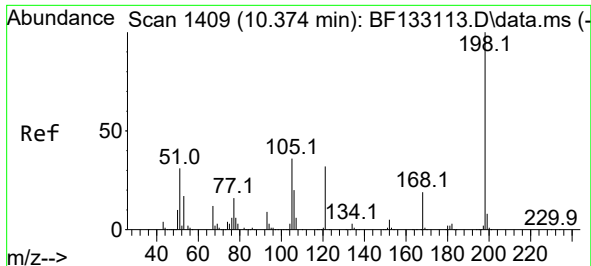
Tgt Ion: 77 Resp: 1340370
Ion Ratio Lower Upper
77 100
182 27.4 5.9 45.9
105 23.6 2.3 42.3
51 29.9 11.1 51.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 1557
Delta R.T. -0.000 min
Lab File: BF133236.D
Acq: 04 May 2023 18:02

Tgt Ion:188 Resp: 768419
Ion Ratio Lower Upper
188 100
94 11.6 9.7 14.5
80 11.4 10.4 15.6

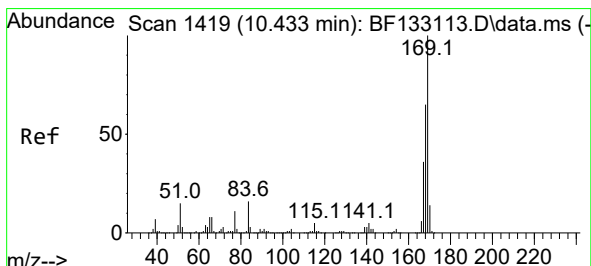
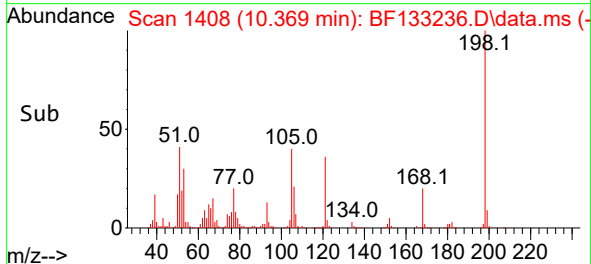
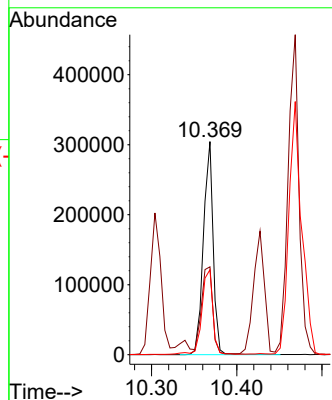
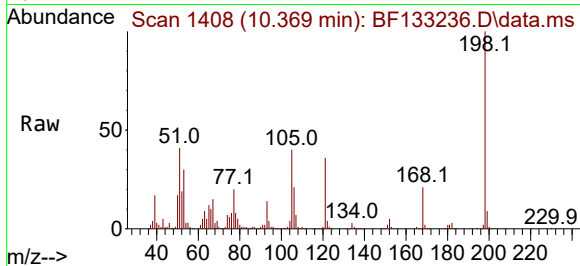




#65
4,6-Dinitro-2-methylphenol
Concen: 52.064 ng
RT: 10.369 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF133236.D
Acq: 04 May 2023 18:02

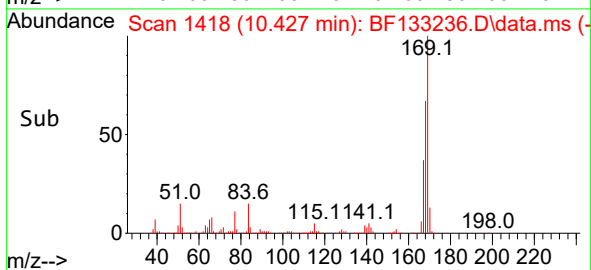
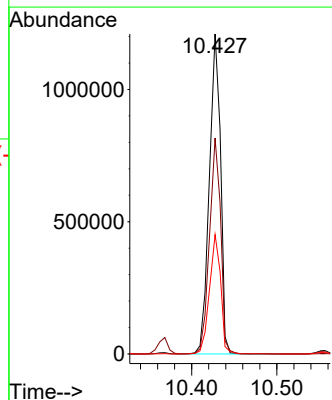
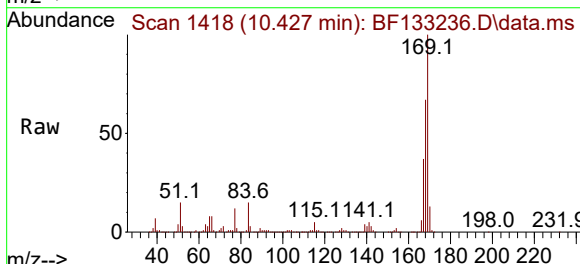
Instrument :
BNA_F
ClientSampleId :
TF-1MSD

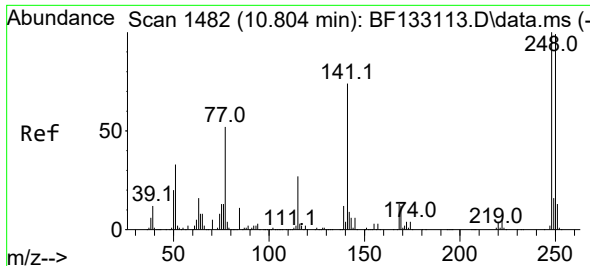
Tgt Ion:198 Resp: 242489
Ion Ratio Lower Upper
198 100
51 41.2 15.5 55.5
105 39.8 16.7 56.7



#66
n-Nitrosodiphenylamine
Concen: 44.276 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF133236.D
Acq: 04 May 2023 18:02

Tgt Ion:169 Resp: 1103596
Ion Ratio Lower Upper
169 100
168 67.4 53.8 80.8
167 37.3 29.7 44.5

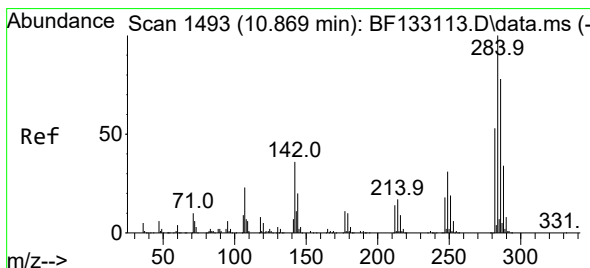
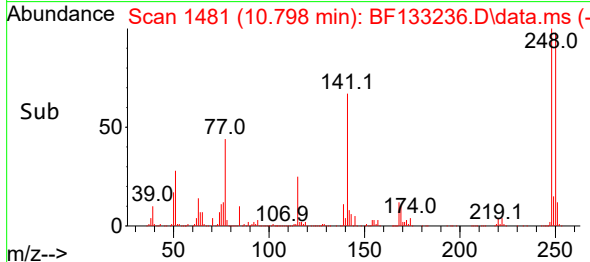
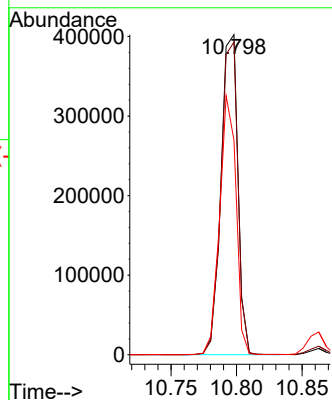
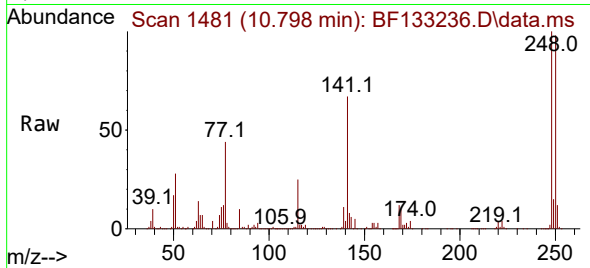




#67
4-Bromophenyl-phenylether
Concen: 43.310 ng
RT: 10.798 min Scan# 1481
Delta R.T. -0.000 min
Lab File: BF133236.D
Acq: 04 May 2023 18:02

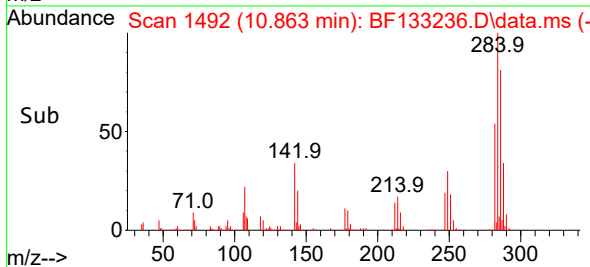
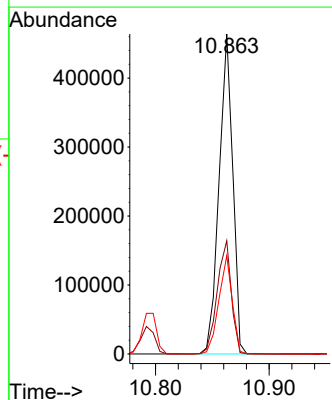
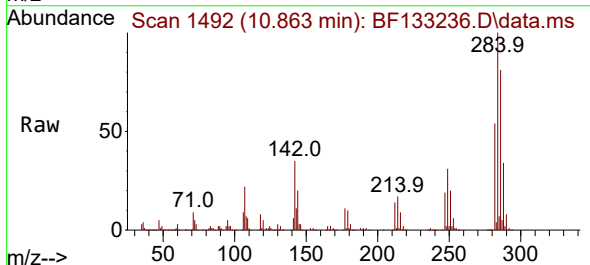
Instrument :
BNA_F
ClientSampleId :
TF-1MSD

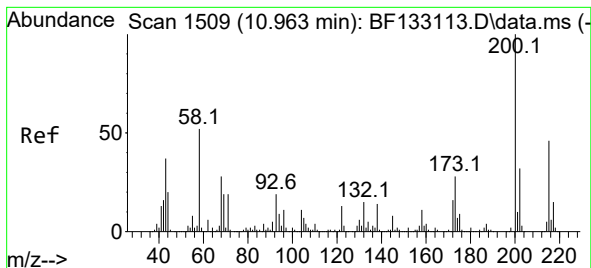
Tgt Ion:248 Resp: 360941
Ion Ratio Lower Upper
248 100
250 97.7 78.7 118.1
141 67.0 56.3 84.5



#68
Hexachlorobenzene
Concen: 45.572 ng
RT: 10.863 min Scan# 1492
Delta R.T. -0.000 min
Lab File: BF133236.D
Acq: 04 May 2023 18:02

Tgt Ion:284 Resp: 389169
Ion Ratio Lower Upper
284 100
142 35.4 26.0 39.0
249 30.7 23.7 35.5





#69

Atrazine

Concen: 52.297 ng

RT: 10.957 min Scan# 1508

Delta R.T. -0.000 min

Lab File: BF133236.D

Acq: 04 May 2023 18:02

Instrument :

BNA_F

ClientSampleId :

TF-1MSD

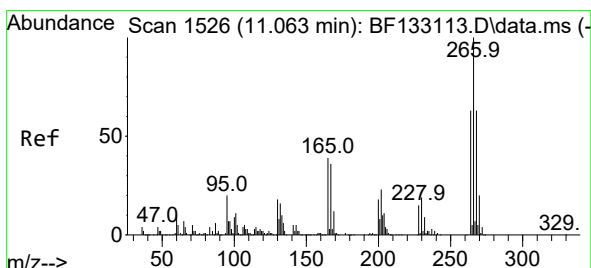
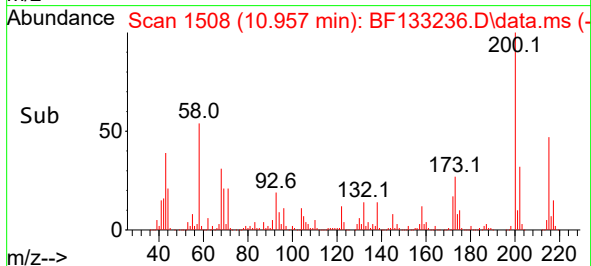
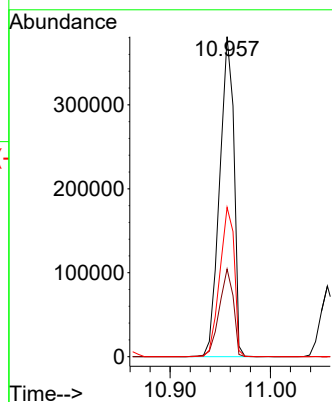
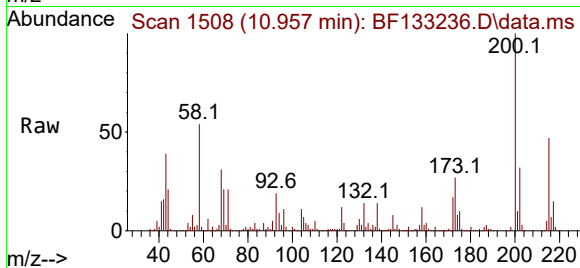
Tgt Ion:200 Resp: 375603

Ion Ratio Lower Upper

200 100

173 27.4 6.2 46.2

215 46.6 26.3 66.3



#70

Pentachlorophenol

Concen: 74.146 ng

RT: 11.057 min Scan# 1525

Delta R.T. -0.000 min

Lab File: BF133236.D

Acq: 04 May 2023 18:02

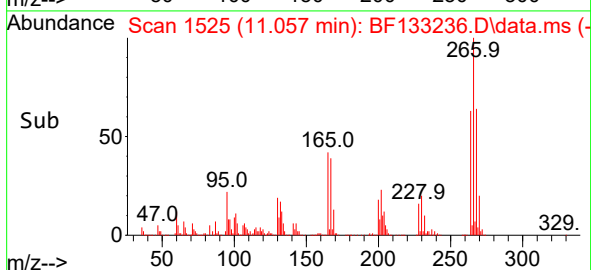
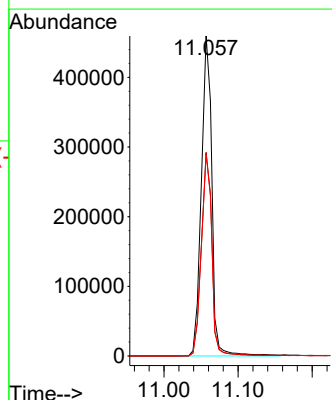
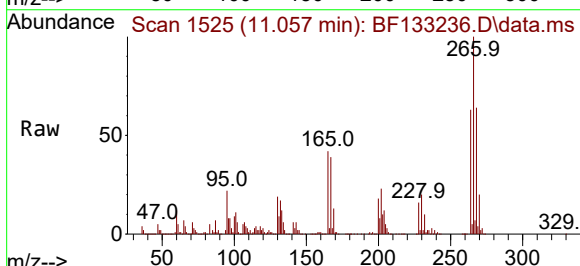
Tgt Ion:266 Resp: 450950

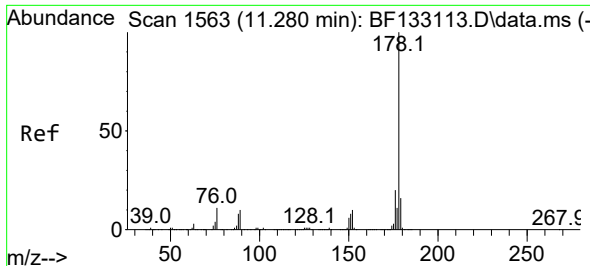
Ion Ratio Lower Upper

266 100

268 63.6 48.8 73.2

264 63.2 50.6 76.0

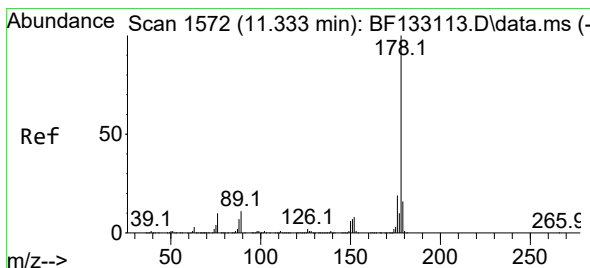
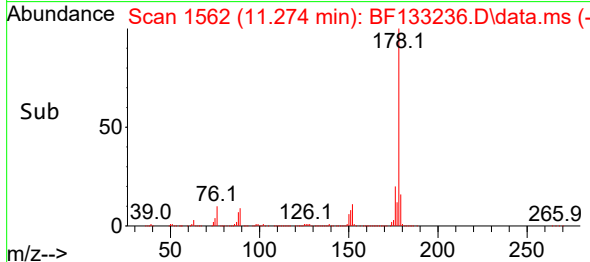
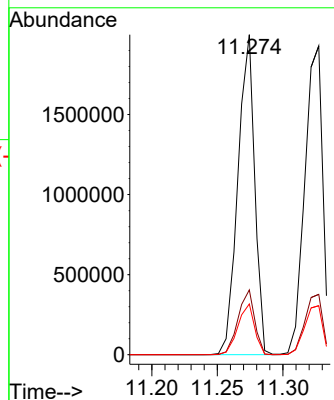
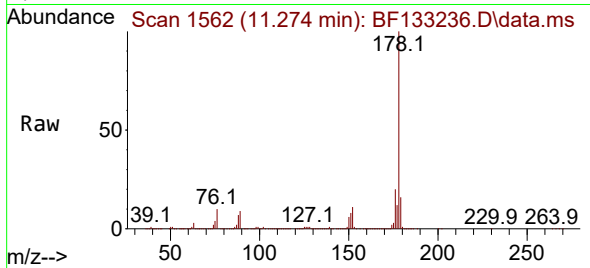




#71
Phenanthrene
Concen: 43.338 ng
RT: 11.274 min Scan# 1563
Delta R.T. -0.000 min
Lab File: BF133236.D
Acq: 04 May 2023 18:02

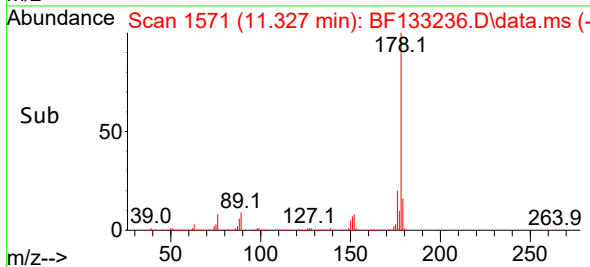
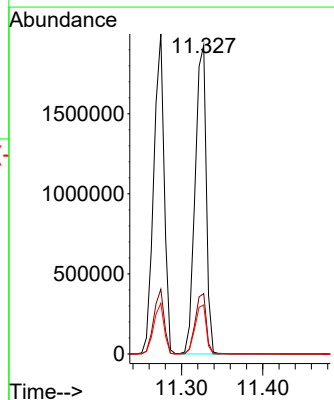
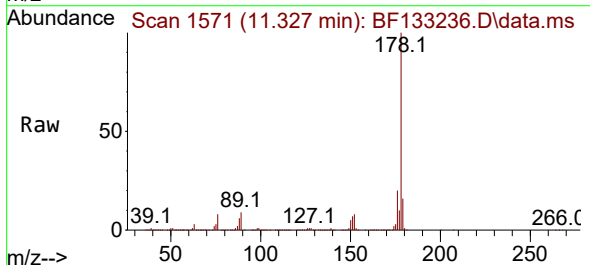
Instrument :
BNA_F
ClientSampleId :
TF-1MSD

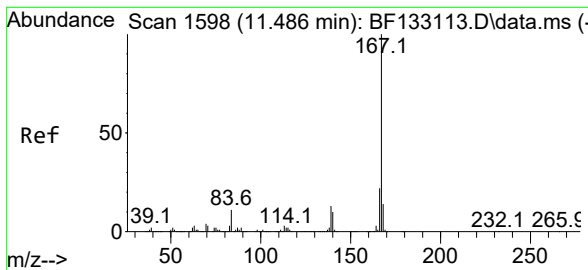
Tgt Ion:178 Resp: 1789883
Ion Ratio Lower Upper
178 100
176 20.2 15.9 23.9
179 15.9 12.5 18.7



#72
Anthracene
Concen: 43.549 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF133236.D
Acq: 04 May 2023 18:02

Tgt Ion:178 Resp: 1840670
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 15.8 12.4 18.6





#73

Carbazole

Concen: 44.324 ng

RT: 11.480 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF133236.D

Acq: 04 May 2023 18:02

Instrument :

BNA_F

ClientSampleId :

TF-1MSD

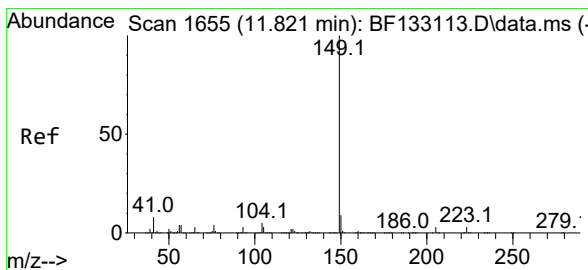
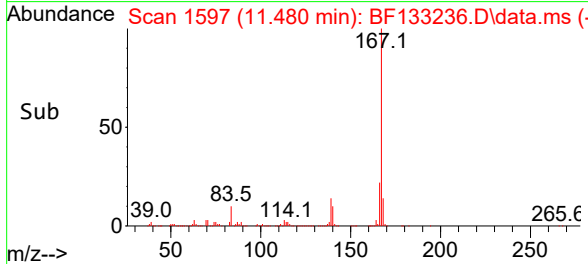
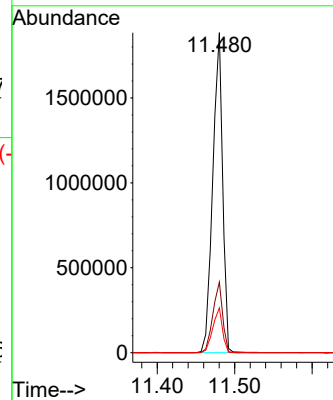
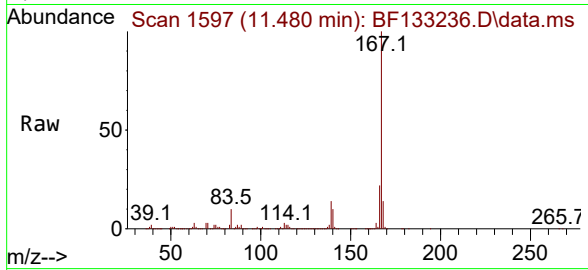
Tgt Ion:167 Resp: 1668145

Ion Ratio Lower Upper

167 100

166 22.0 17.4 26.0

139 14.0 10.6 16.0



#74

Di-n-butylphthalate

Concen: 46.141 ng

RT: 11.816 min Scan# 1654

Delta R.T. -0.000 min

Lab File: BF133236.D

Acq: 04 May 2023 18:02

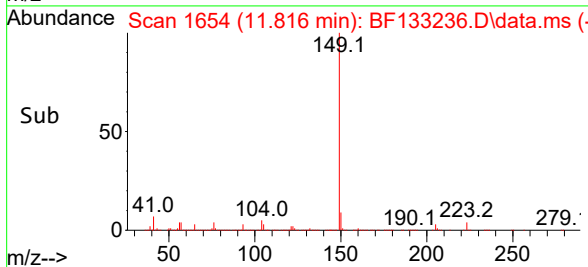
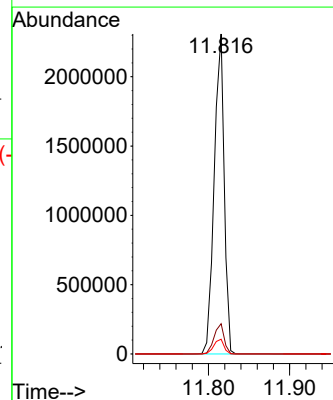
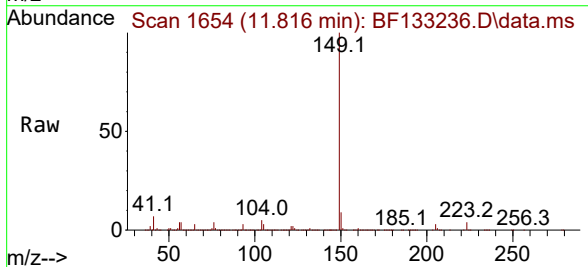
Tgt Ion:149 Resp: 1965145

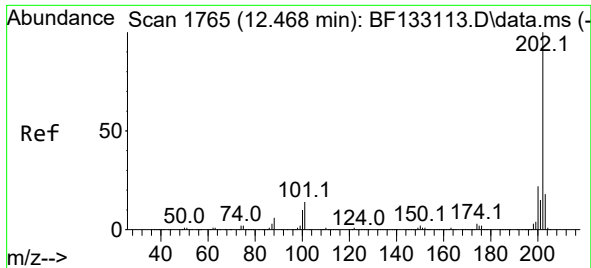
Ion Ratio Lower Upper

149 100

150 9.5 7.6 11.4

104 4.6 4.0 6.0

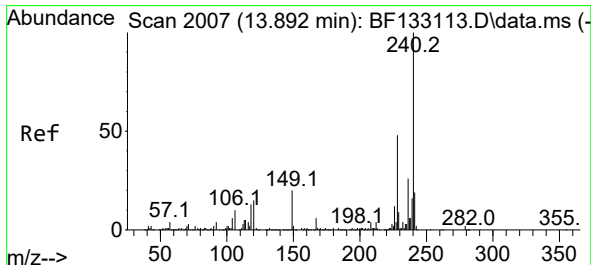
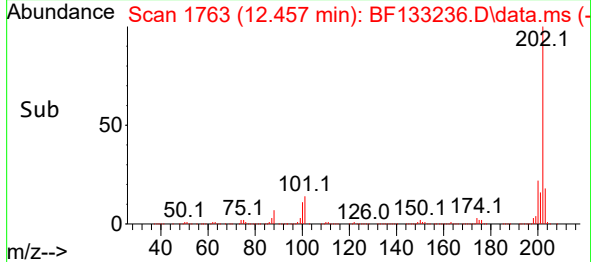
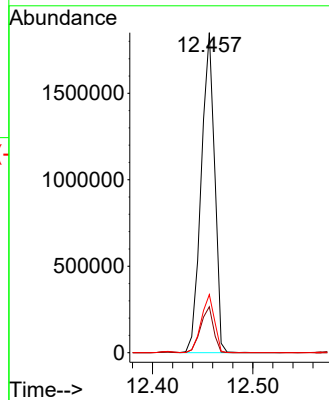
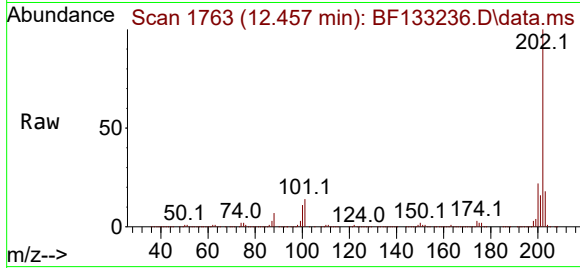




#75
Fluoranthene
Concen: 41.590 ng
RT: 12.457 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF133236.D
Acq: 04 May 2023 18:02

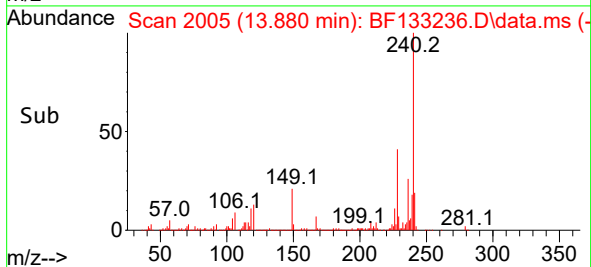
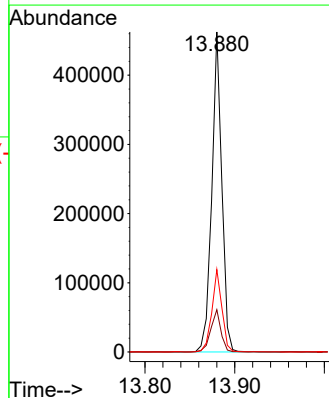
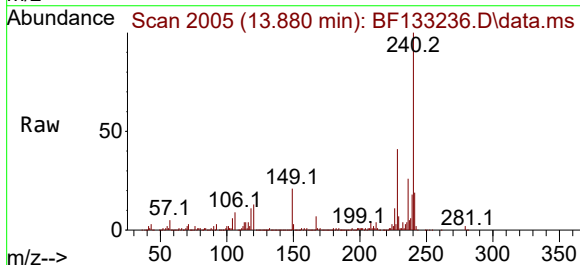
Instrument :
BNA_F
ClientSampleId :
TF-1MSD

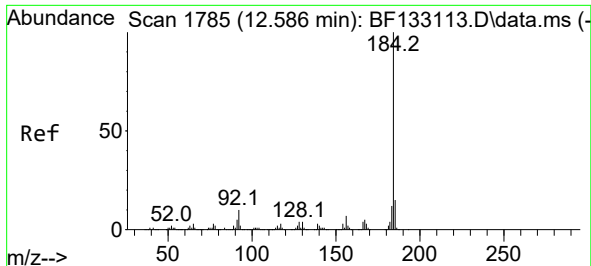
Tgt Ion:202 Resp: 1723900
Ion Ratio Lower Upper
202 100
101 14.4 0.0 35.3
203 18.1 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF133236.D
Acq: 04 May 2023 18:02

Tgt Ion:240 Resp: 358024
Ion Ratio Lower Upper
240 100
120 13.2 10.5 15.7
236 25.8 21.5 32.3

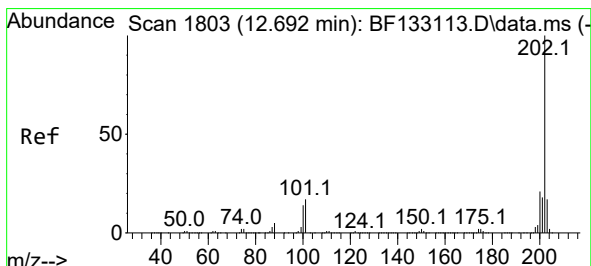
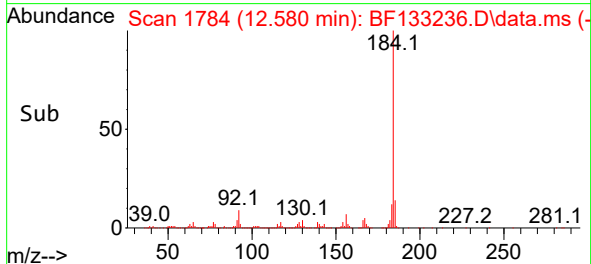
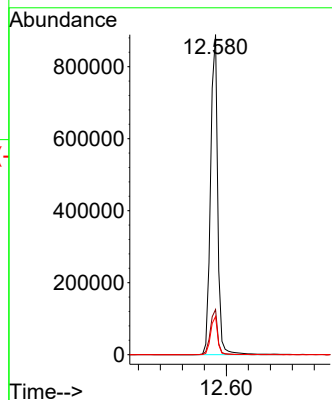
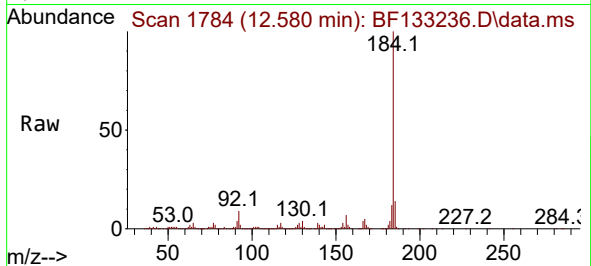




#77
Benzidine
Concen: 131.416 ng
RT: 12.580 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133236.D
Acq: 04 May 2023 18:02

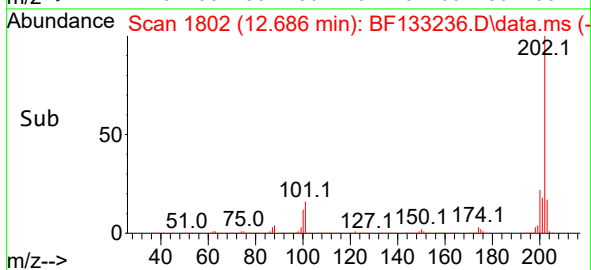
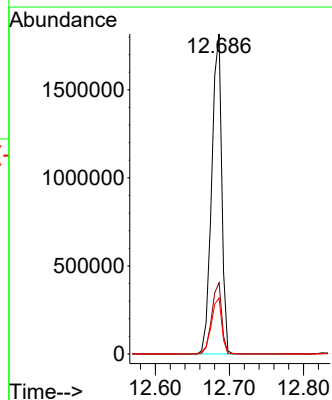
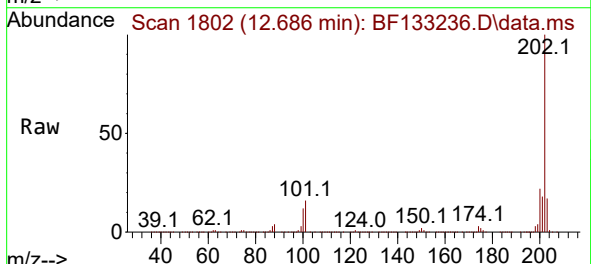
Instrument :
BNA_F
ClientSampleId :
TF-1MSD

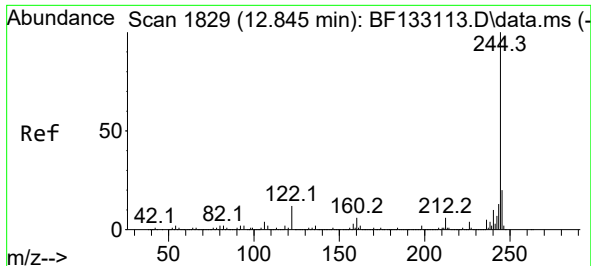
Tgt Ion:184 Resp: 795640
Ion Ratio Lower Upper
184 100
185 14.1 15.4 23.2#
183 12.0 9.4 14.0



#78
Pyrene
Concen: 55.602 ng
RT: 12.686 min Scan# 1802
Delta R.T. -0.000 min
Lab File: BF133236.D
Acq: 04 May 2023 18:02

Tgt Ion:202 Resp: 1706470
Ion Ratio Lower Upper
202 100
200 22.3 17.1 25.7
203 17.4 14.1 21.1

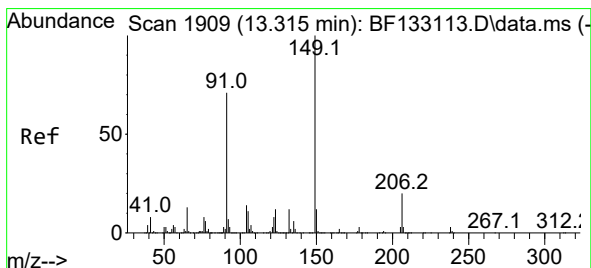
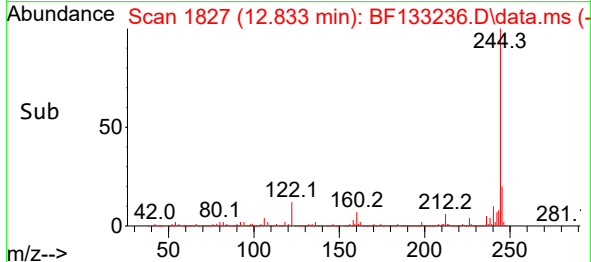
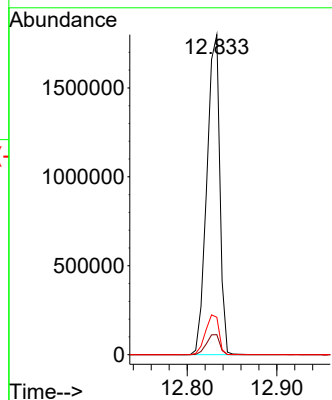
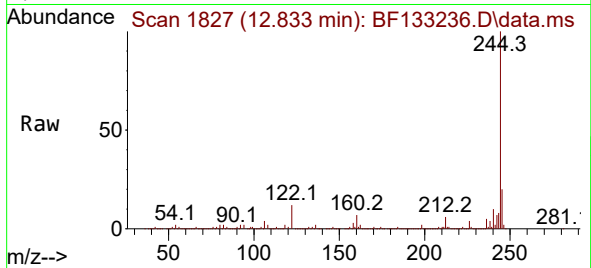




#79
 Terphenyl-d14
 Concen: 86.768 ng
 RT: 12.833 min Scan# 1827
 Delta R.T. -0.000 min
 Lab File: BF133236.D
 Acq: 04 May 2023 18:02

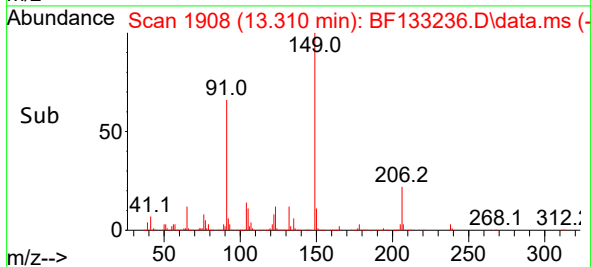
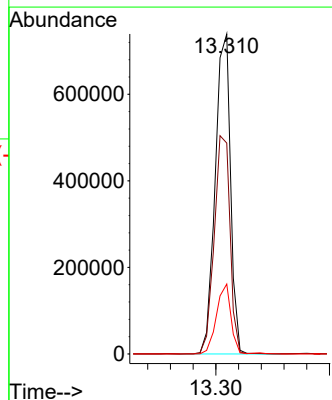
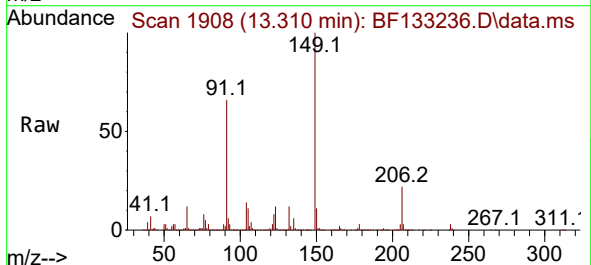
Instrument :
 BNA_F
 ClientSampleId :
 TF-1MSD

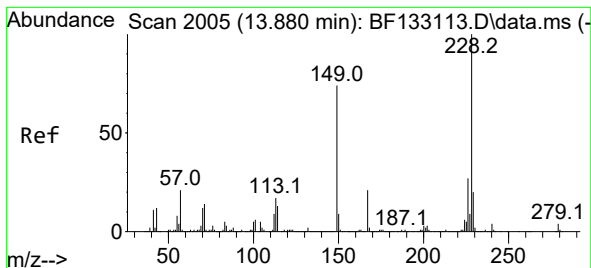
Tgt Ion:244 Resp: 1801225
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.1 7.7
 122 11.7 8.6 13.0



#80
 Butylbenzylphthalate
 Concen: 63.727 ng
 RT: 13.310 min Scan# 1908
 Delta R.T. -0.000 min
 Lab File: BF133236.D
 Acq: 04 May 2023 18:02

Tgt Ion:149 Resp: 692514
 Ion Ratio Lower Upper
 149 100
 91 65.9 53.8 80.6
 206 21.9 17.5 26.3





#81

Benzo(a)anthracene

Concen: 44.005 ng

RT: 13.868 min Scan# 2005

Delta R.T. -0.006 min

Lab File: BF133236.D

Acq: 04 May 2023 18:02

Instrument :

BNA_F

ClientSampleId :

TF-1MSD

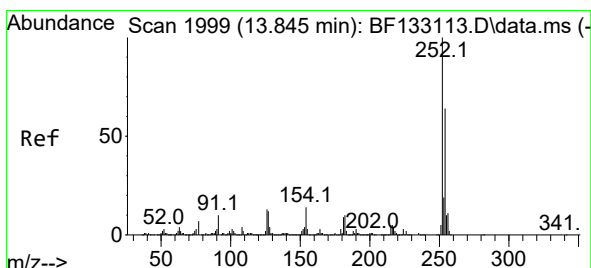
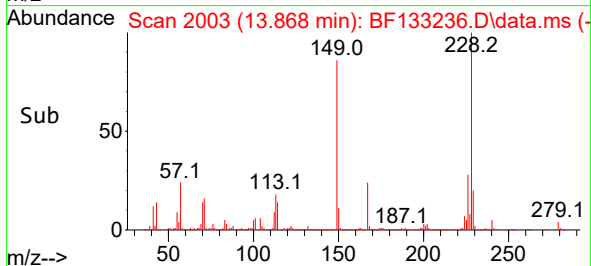
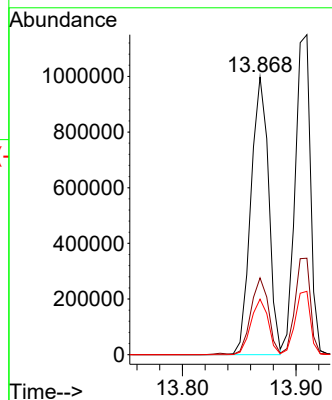
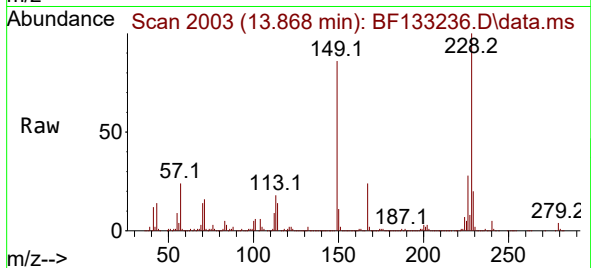
Tgt Ion:228 Resp: 1083418

Ion Ratio Lower Upper

228 100

226 27.7 22.2 33.4

229 20.0 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 34.920 ng

RT: 13.833 min Scan# 1997

Delta R.T. -0.006 min

Lab File: BF133236.D

Acq: 04 May 2023 18:02

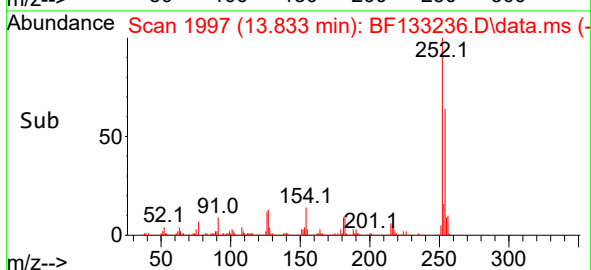
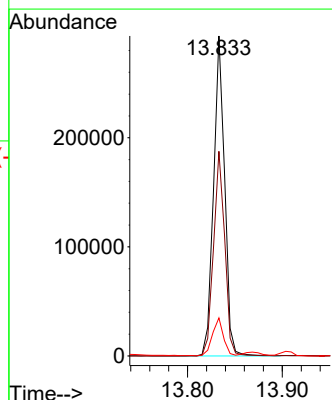
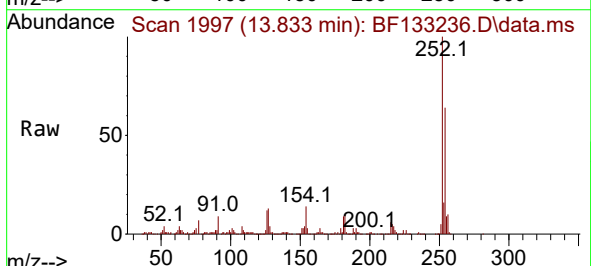
Tgt Ion:252 Resp: 237502

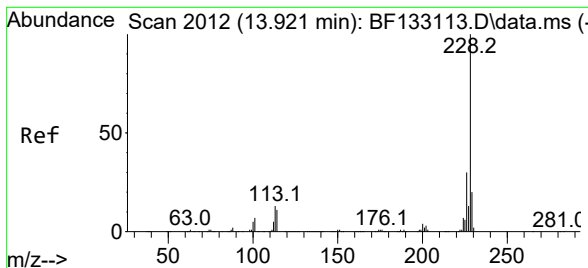
Ion Ratio Lower Upper

252 100

254 64.0 51.5 77.3

126 11.9 9.5 14.3





#83

Chrysene

Concen: 43.895 ng

RT: 13.910 min Scan# 2012

Delta R.T. -0.000 min

Lab File: BF133236.D

Acq: 04 May 2023 18:02

Instrument :

BNA_F

ClientSampleId :

TF-1MSD

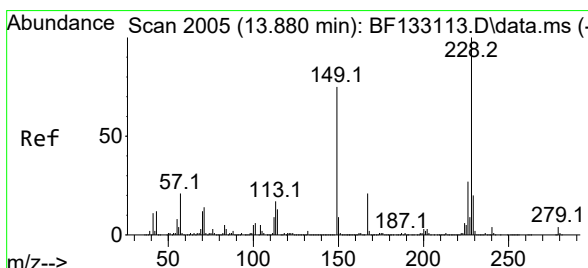
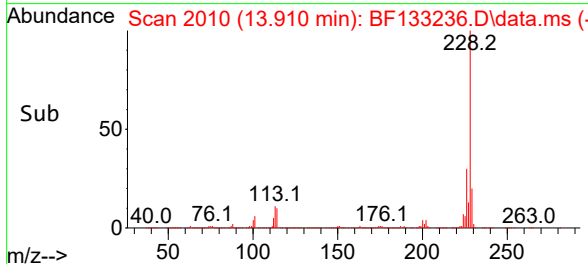
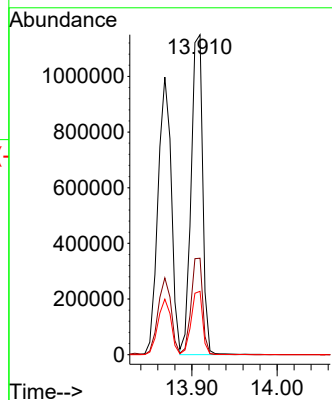
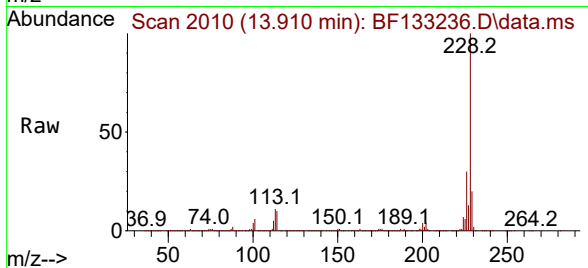
Tgt Ion:228 Resp: 1080429

Ion Ratio Lower Upper

228 100

226 30.2 24.7 37.1

229 19.8 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.803 ng

RT: 13.868 min Scan# 2003

Delta R.T. -0.000 min

Lab File: BF133236.D

Acq: 04 May 2023 18:02

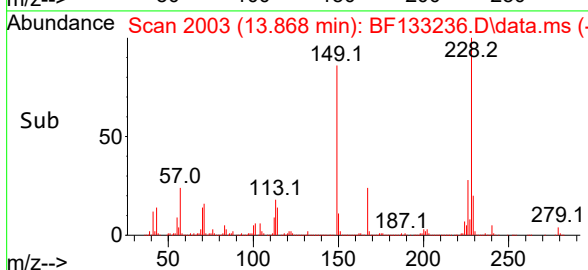
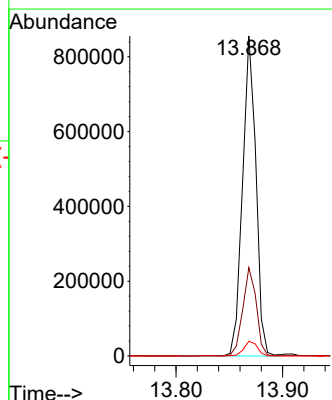
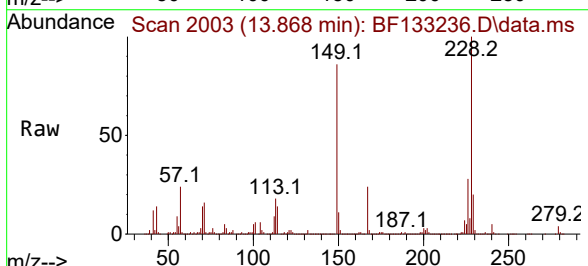
Tgt Ion:149 Resp: 747509

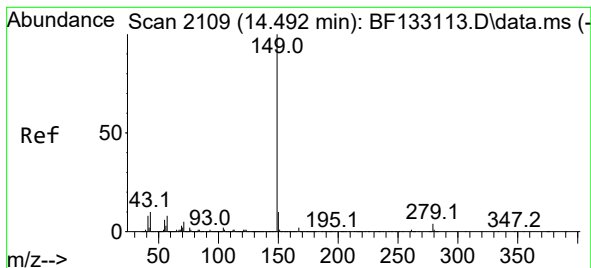
Ion Ratio Lower Upper

149 100

167 27.6 22.5 33.7

279 4.6 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 53.549 ng

RT: 14.480 min Scan# 2109

Delta R.T. -0.000 min

Lab File: BF133236.D

Acq: 04 May 2023 18:02

Instrument :

BNA_F

ClientSampleId :

TF-1MSD

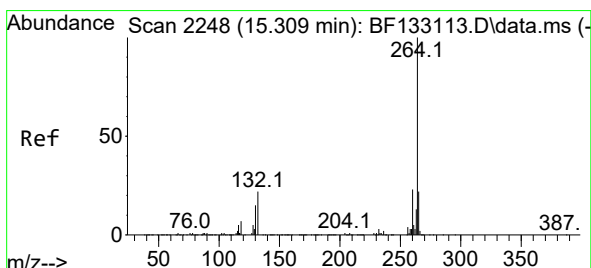
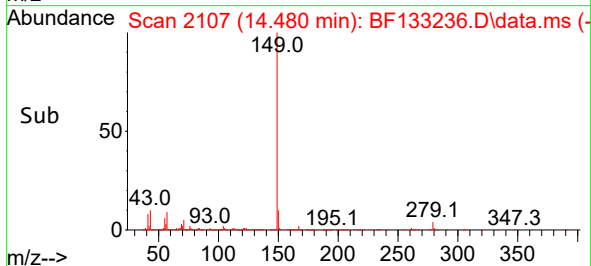
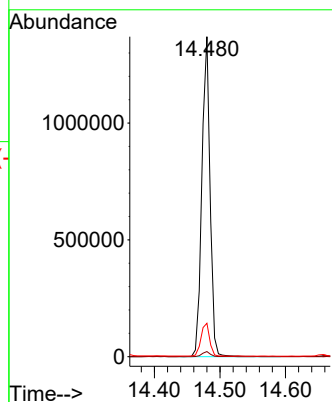
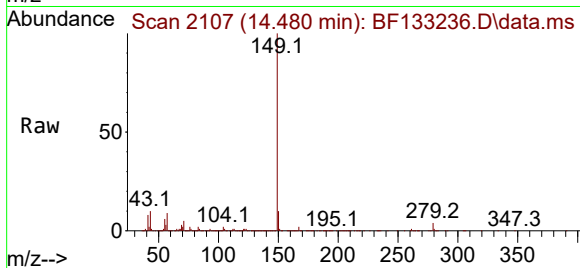
Tgt Ion:149 Resp: 1190953

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 10.8 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.292 min Scan# 2245

Delta R.T. -0.006 min

Lab File: BF133236.D

Acq: 04 May 2023 18:02

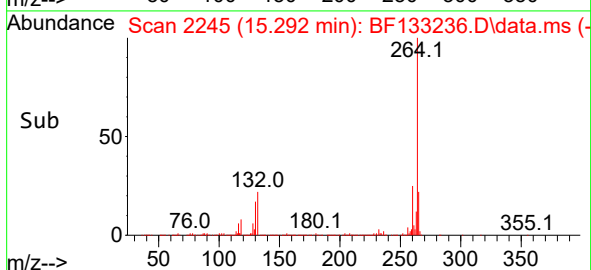
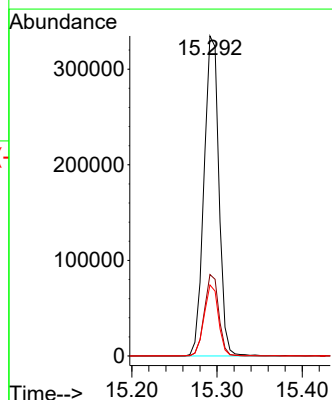
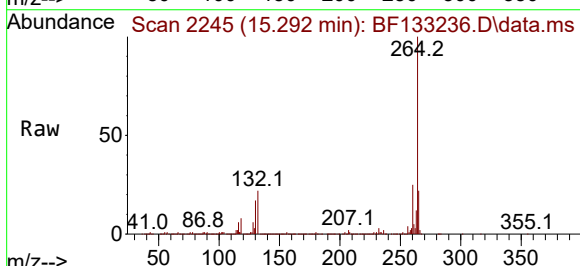
Tgt Ion:264 Resp: 406438

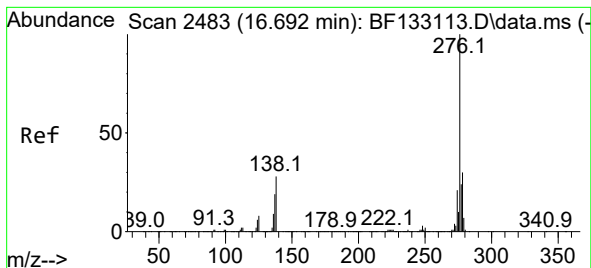
Ion Ratio Lower Upper

264 100

260 25.5 18.8 28.2

265 22.2 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 57.988 ng

RT: 16.680 min Scan# 2483

Delta R.T. 0.006 min

Lab File: BF133236.D

Acq: 04 May 2023 18:02

Instrument :

BNA_F

ClientSampleId :

TF-1MSD

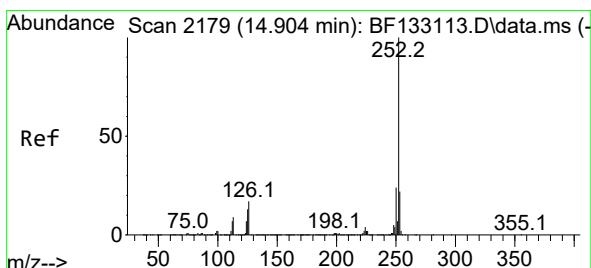
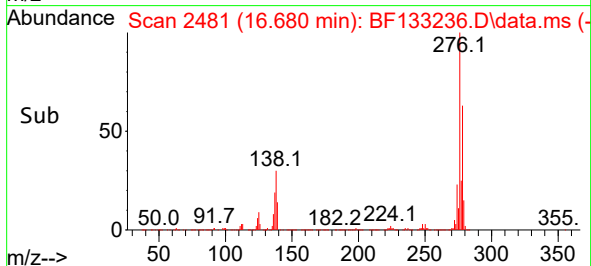
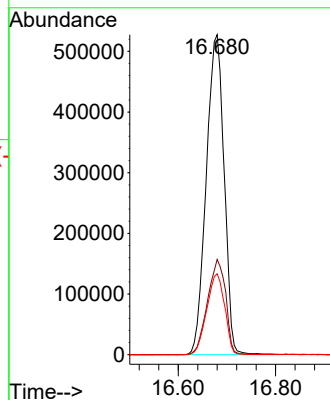
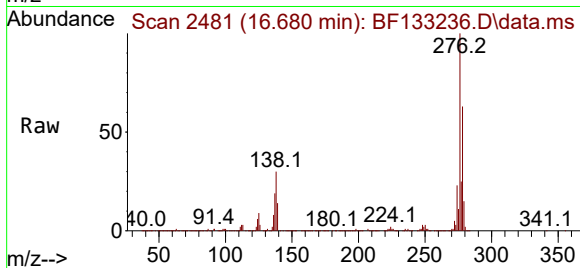
Tgt Ion:276 Resp: 1340616

Ion Ratio Lower Upper

276 100

138 30.2 25.5 38.3

277 25.4 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 46.221 ng

RT: 14.892 min Scan# 2177

Delta R.T. -0.006 min

Lab File: BF133236.D

Acq: 04 May 2023 18:02

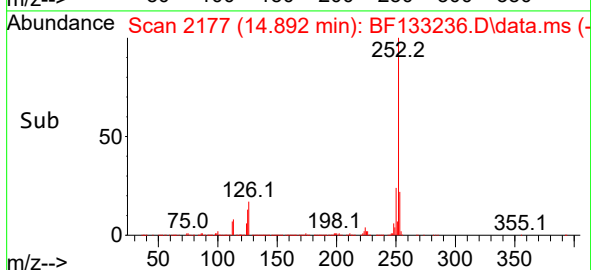
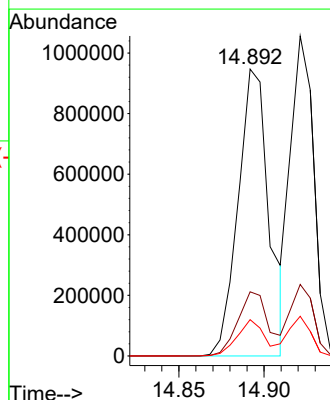
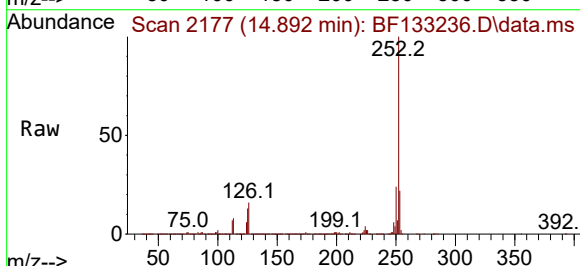
Tgt Ion:252 Resp: 1195142

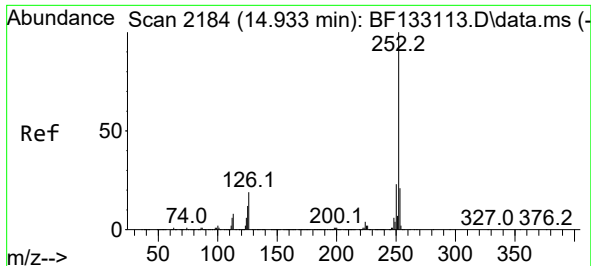
Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 12.6 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 39.288 ng

RT: 14.921 min Scan# 2184

Delta R.T. -0.006 min

Lab File: BF133236.D

Acq: 04 May 2023 18:02

Instrument :

BNA_F

ClientSampleId :

TF-1MSD

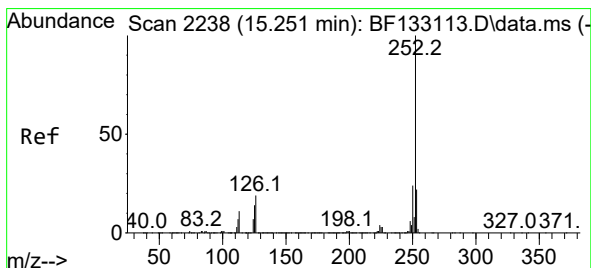
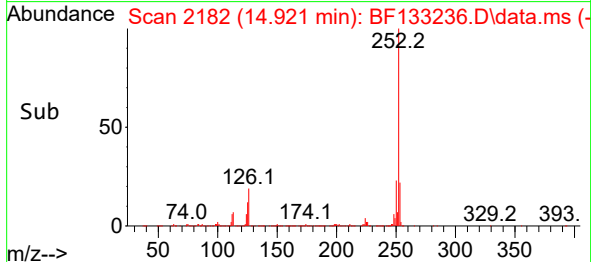
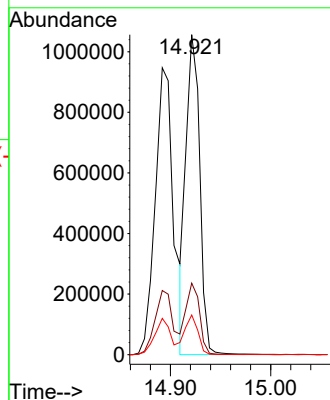
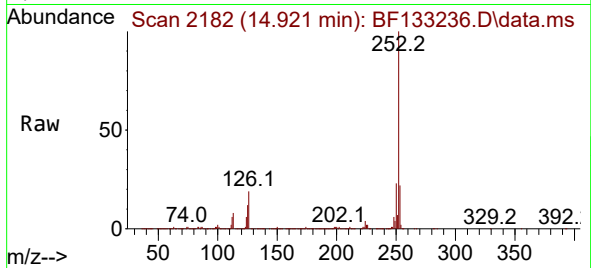
Tgt Ion:252 Resp: 1007032

Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 12.4 9.0 13.4



#90

Benzo(a)pyrene

Concen: 43.121 ng

RT: 15.239 min Scan# 2236

Delta R.T. -0.000 min

Lab File: BF133236.D

Acq: 04 May 2023 18:02

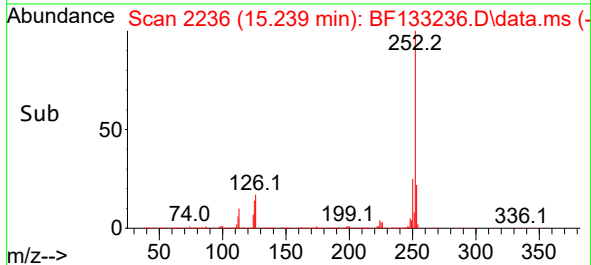
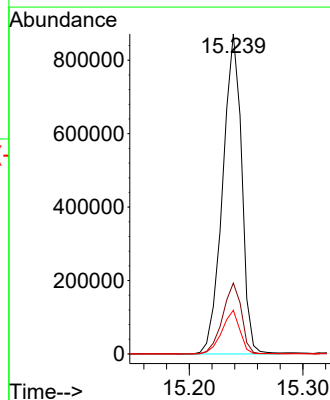
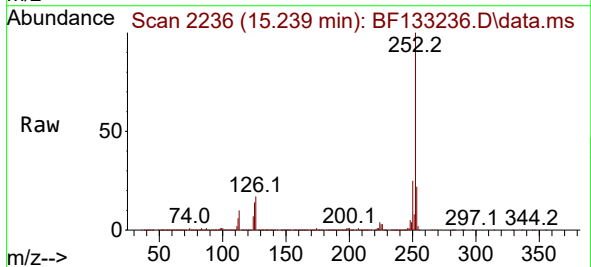
Tgt Ion:252 Resp: 1014868

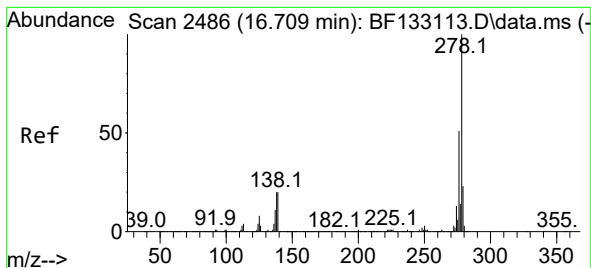
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 13.7 10.5 15.7





#91

Dibenzo(a,h)anthracene

Concen: 58.028 ng

RT: 16.698 min Scan# 2486

Delta R.T. 0.006 min

Lab File: BF133236.D

Acq: 04 May 2023 18:02

Instrument :

BNA_F

ClientSampleId :

TF-1MSD

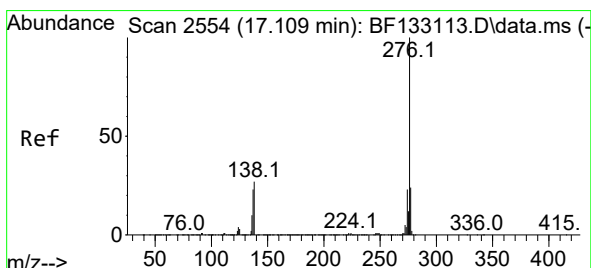
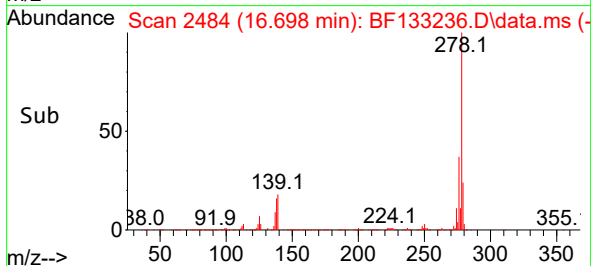
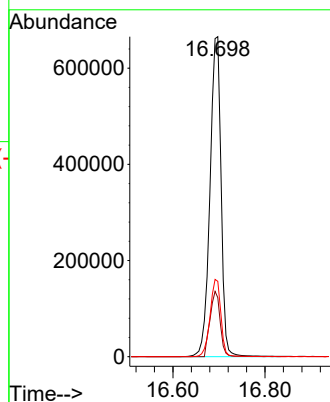
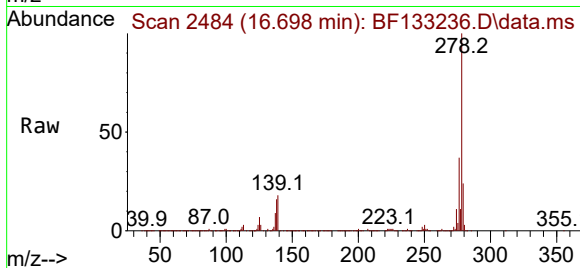
Tgt Ion:278 Resp: 1118910

Ion Ratio Lower Upper

278 100

139 18.4 16.6 24.8

279 23.6 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 55.940 ng

RT: 17.092 min Scan# 2551

Delta R.T. -0.000 min

Lab File: BF133236.D

Acq: 04 May 2023 18:02

Tgt Ion:276 Resp: 1064908

Ion Ratio Lower Upper

276 100

277 24.1 19.4 29.0

138 27.3 22.7 34.1

