

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060923\
 Data File : BF133696.D
 Acq On : 10 Jun 2023 03:02
 Operator : CG\JU
 Sample : 03092-02MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Quant Time: Jun 10 03:28:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 09 15:37:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	102582	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	350647	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	142313	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	252607	20.000	ng	0.00
76) Chrysene-d12	14.016	240	146291	20.000	ng	0.00
86) Perylene-d12	15.480	264	121867	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	610501	103.607	ng	0.03
7) Phenol-d6	6.475	99	683913	89.167	ng	0.00
23) Nitrobenzene-d5	7.404	82	504226	78.322	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	180458	100.175	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	820218	81.929	ng	0.00
79) Terphenyl-d14	12.957	244	833683	88.180	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.799	88	86126	33.246	ng	# 81
3) Pyridine	3.504	79	166572	22.060	ng	99
4) n-Nitrosodimethylamine	3.440	42	158302	37.928	ng	100
6) Aniline	6.504	93	76816	7.952	ng	98
8) 2-Chlorophenol	6.628	128	249830	40.232	ng	95
9) Benzaldehyde	6.393	77	54110	10.633	ng	98
10) Phenol	6.493	94	261367	32.634	ng	98
11) bis(2-Chloroethyl)ether	6.575	93	239002	40.197	ng	96
12) 1,3-Dichlorobenzene	6.781	146	264989	39.940	ng	99
13) 1,4-Dichlorobenzene	6.857	146	268270	40.005	ng	98
14) 1,2-Dichlorobenzene	7.010	146	253905	41.903	ng	98
15) Benzyl Alcohol	6.981	79	206429	34.459	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	410788	40.757	ng	99
17) 2-Methylphenol	7.098	107	197445	35.873	ng	99
18) Hexachloroethane	7.351	117	66345	28.899	ng	99
19) n-Nitroso-di-n-propyla...	7.257	70	183364	37.574	ng	97
20) 3+4-Methylphenols	7.245	107	242085	33.811	ng	# 82
22) Acetophenone	7.251	105	347812	43.248	ng	98
24) Nitrobenzene	7.428	77	269386	41.556	ng	99
25) Isophorone	7.663	82	476301	40.299	ng	100
26) 2-Nitrophenol	7.739	139	99751	34.287	ng	99
27) 2,4-Dimethylphenol	7.781	122	211274	42.133	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	279463	40.911	ng	99
29) 2,4-Dichlorophenol	7.981	162	190196	38.701	ng	98
30) 1,2,4-Trichlorobenzene	8.063	180	206446	40.263	ng	96
31) Naphthalene	8.145	128	652607	38.201	ng	100
32) Benzoic acid	7.892	122	120760	38.185	ng	99
33) 4-Chloroaniline	8.192	127	27413	3.753	ng	96
34) Hexachlorobutadiene	8.263	225	134975	40.206	ng	99
35) Caprolactam	8.569	113	48883	29.560	ng	88
36) 4-Chloro-3-methylphenol	8.681	107	198061	34.964	ng	98
37) 2-Methylnaphthalene	8.839	142	419496	35.341	ng	100
38) 1-Methylnaphthalene	8.939	142	381665	34.943	ng	100
40) 1,2,4,5-Tetrachloroben...	9.004	216	192014	44.382	ng	99
41) Hexachlorocyclopentadiene	8.986	237	22532	11.687	ng	97
43) 2,4,6-Trichlorophenol	9.116	196	122391	42.334	ng	99

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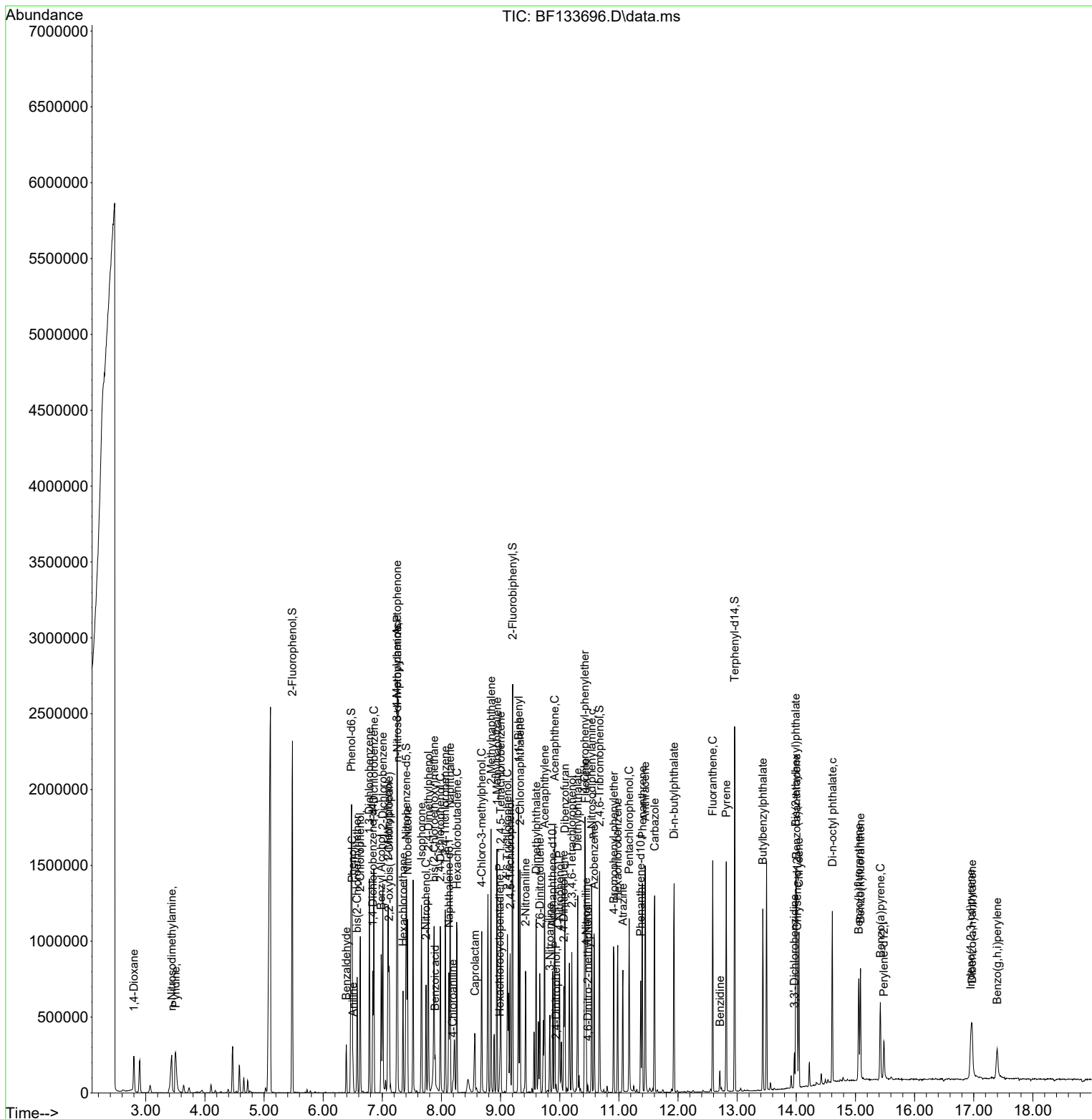
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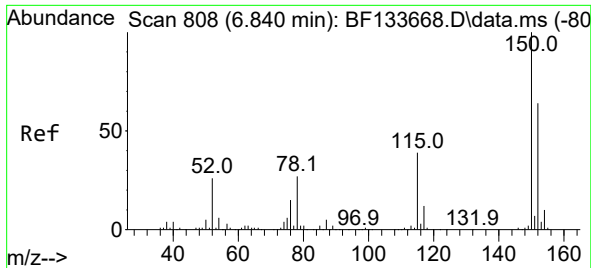
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	125457	37.300	ng	96
46) 1,1'-Biphenyl	9.304	154	507706	44.234	ng	99
47) 2-Chloronaphthalene	9.328	162	350221	42.538	ng	98
48) 2-Nitroaniline	9.422	65	127446	42.326	ng	97
49) Acenaphthylene	9.745	152	562339	39.242	ng	99
50) Dimethylphthalate	9.604	163	458321	43.146	ng	100
51) 2,6-Dinitrotoluene	9.663	165	81626	37.228	ng	# 75
52) Acenaphthene	9.916	154	335763	40.030	ng	99
53) 3-Nitroaniline	9.833	138	62823	23.545	ng	90
54) 2,4-Dinitrophenol	9.939	184	5533	10.512	ng	91
55) Dibenzofuran	10.086	168	495240	38.694	ng	97
56) 4-Nitrophenol	9.998	139	126476	70.235	ng	94
57) 2,4-Dinitrotoluene	10.069	165	93905	33.675	ng	98
58) Fluorene	10.433	166	370215	37.825	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	101703	40.388	ng	98
60) Diethylphthalate	10.304	149	449057	41.536	ng	99
61) 4-Chlorophenyl-phenylether	10.422	204	186297	38.556	ng	99
62) 4-Nitroaniline	10.445	138	92592	35.393	ng	93
63) Azobenzene	10.580	77	370215	36.173	ng	99
65) 4,6-Dinitro-2-methylph...	10.475	198	4556	3.774	ng	# 61
66) n-Nitrosodiphenylamine	10.539	169	320328	37.752	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	110448	39.174	ng	94
68) Hexachlorobenzene	10.980	284	121193	40.877	ng	95
69) Atrazine	11.069	200	85563	34.754	ng	99
70) Pentachlorophenol	11.175	266	116889	65.839	ng	99
71) Phenanthrene	11.398	178	505814	39.467	ng	100
72) Anthracene	11.445	178	526819	39.423	ng	99
73) Carbazole	11.604	167	493557	39.656	ng	99
74) Di-n-butylphthalate	11.933	149	633507	39.704	ng	100
75) Fluoranthene	12.586	202	578077	42.475	ng	98
77) Benzidine	12.710	184	62959	12.825	ng	99
78) Pyrene	12.816	202	576164	42.279	ng	99
80) Butylbenzylphthalate	13.433	149	255255	44.368	ng	96
81) Benzo(a)anthracene	14.004	228	401960	39.723	ng	99
82) 3,3'-Dichlorobenzidine	13.969	252	46481	13.817	ng	97
83) Chrysene	14.045	228	360571	37.674	ng	99
84) Bis(2-ethylhexyl)phtha...	13.992	149	339834	47.974	ng	98
85) Di-n-octyl phthalate	14.610	149	502843	49.953	ng	99
87) Indeno(1,2,3-cd)pyrene	16.951	276	285320	34.031	ng	98
88) Benzo(b)fluoranthene	15.057	252	314532	42.488	ng	99
89) Benzo(k)fluoranthene	15.086	252	317830	44.074	ng	98
90) Benzo(a)pyrene	15.421	252	266209	38.747	ng	98
91) Dibenzo(a,h)anthracene	16.974	278	247277	35.625	ng	99
92) Benzo(g,h,i)perylene	17.398	276	207744	30.187	ng	96

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

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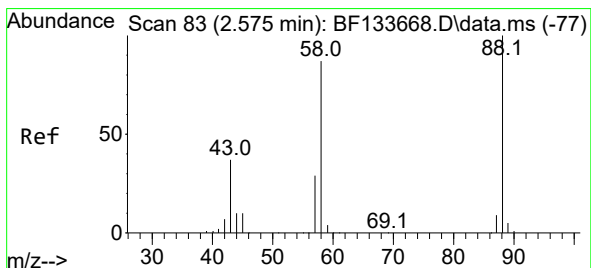
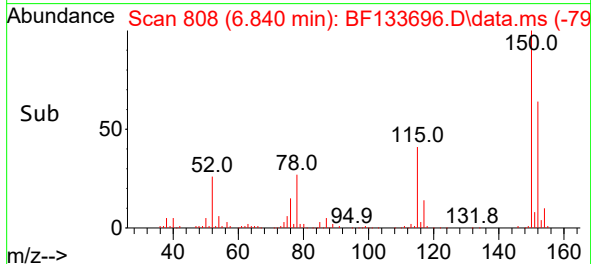
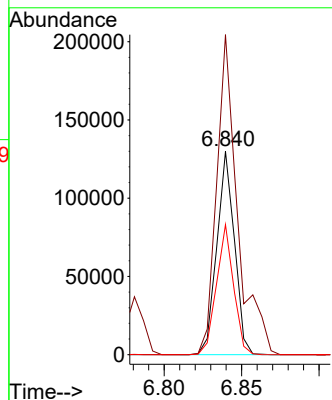
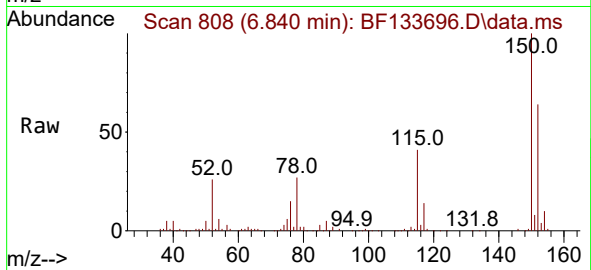




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.840 min Scan# 80
 Delta R.T. -0.000 min
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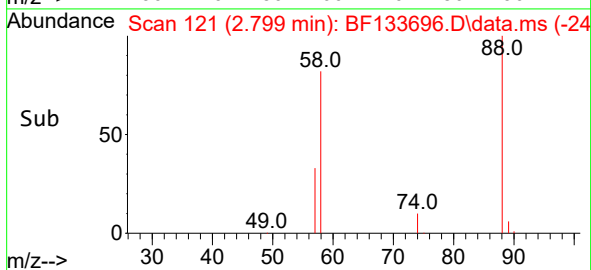
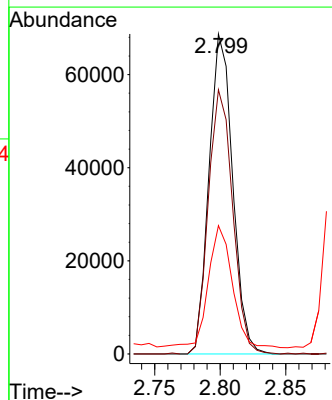
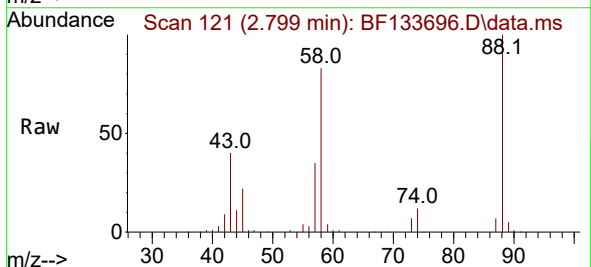
Instrument :
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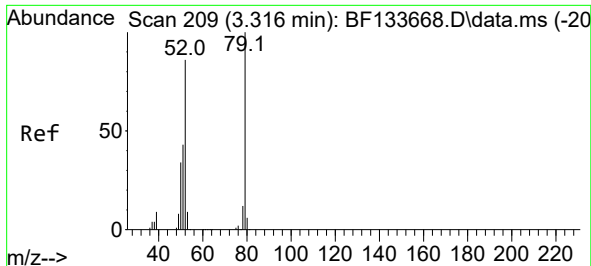
Tgt Ion:152 Resp: 102582
 Ion Ratio Lower Upper
 152 100
 150 157.3 124.3 186.5
 115 64.0 48.5 72.7



#2
 1,4-Dioxane
 Concen: 33.246 ng
 RT: 2.799 min Scan# 121
 Delta R.T. 0.223 min
 Lab File: BF133696.D
 Acq: 10 Jun 2023 03:02

Tgt Ion: 88 Resp: 86126
 Ion Ratio Lower Upper
 88 100
 58 85.1 67.8 101.6
 43 0.0 29.8 44.6#

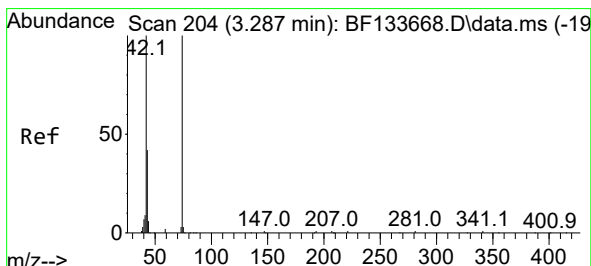
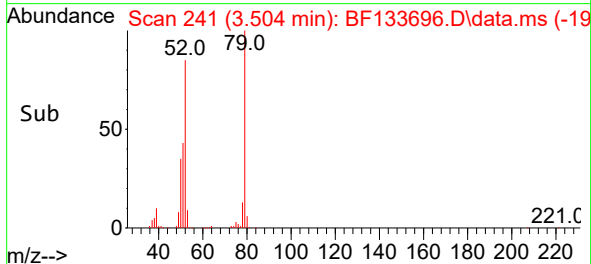
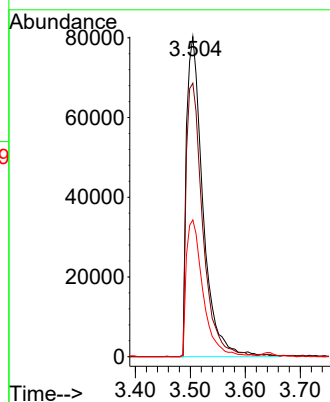
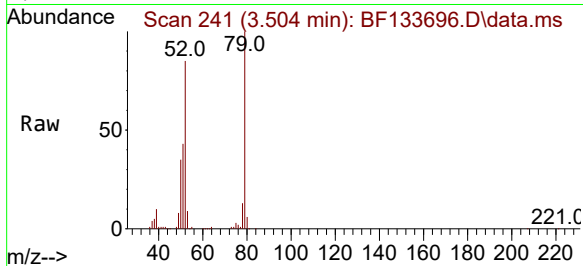




#3
Pyridine
Concen: 22.060 ng
RT: 3.504 min Scan# 24
Delta R.T. 0.188 min
Lab File: BF133696.D
Acq: 10 Jun 2023 03:02

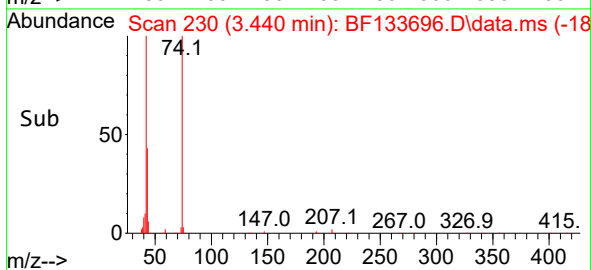
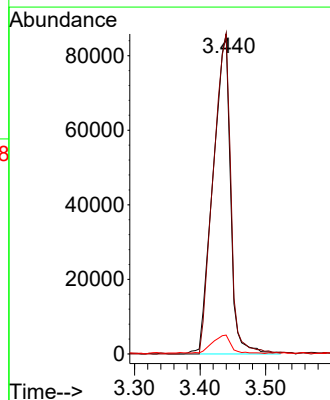
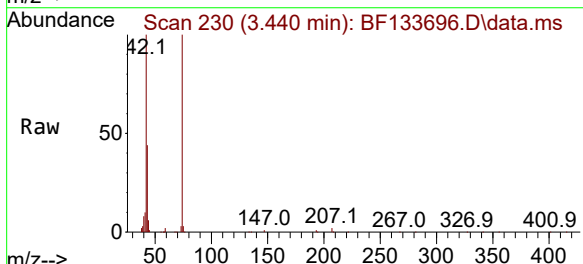
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

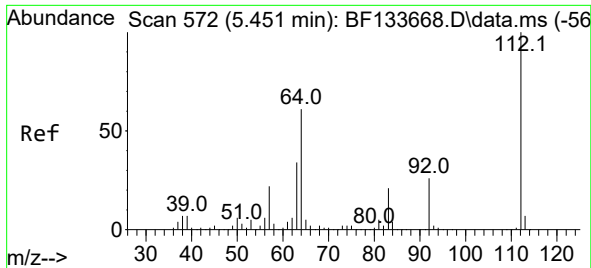
Tgt Ion: 79 Resp: 166572
Ion Ratio Lower Upper
79 100
52 85.5 68.6 102.8
51 42.7 34.8 52.2



#4
n-Nitrosodimethylamine
Concen: 37.928 ng
RT: 3.440 min Scan# 230
Delta R.T. 0.153 min
Lab File: BF133696.D
Acq: 10 Jun 2023 03:02

Tgt Ion: 42 Resp: 158302
Ion Ratio Lower Upper
42 100
74 100.0 79.8 119.8
44 5.9 4.7 7.1

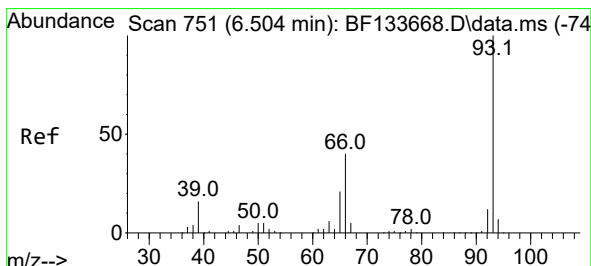
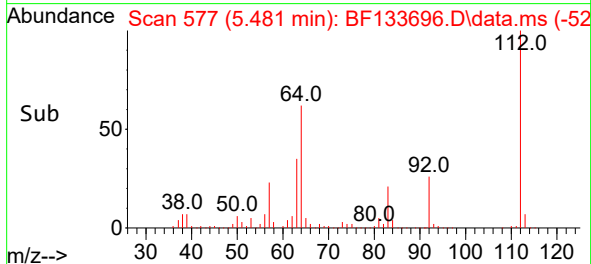
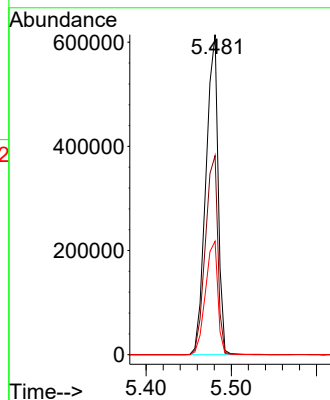
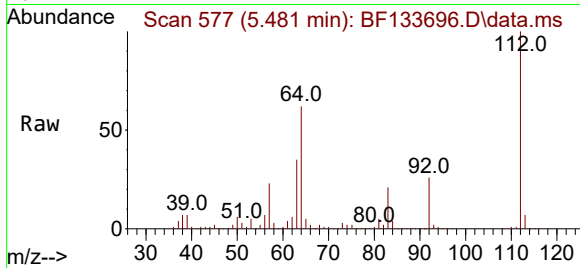




#5
2-Fluorophenol
Concen: 103.607 ng
RT: 5.481 min Scan# 51
Delta R.T. 0.030 min
Lab File: BF133696.D
Acq: 10 Jun 2023 03:02

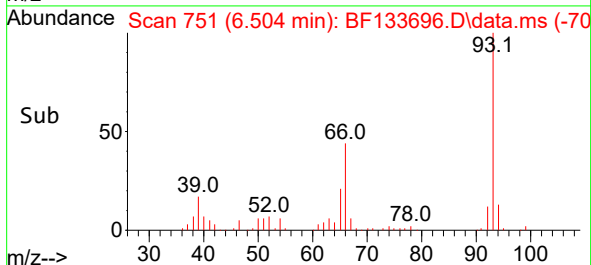
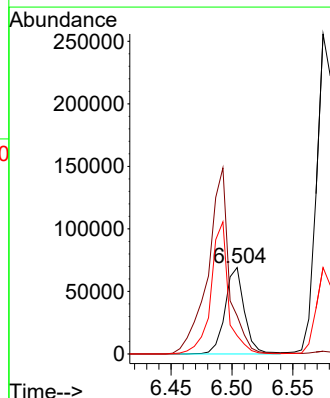
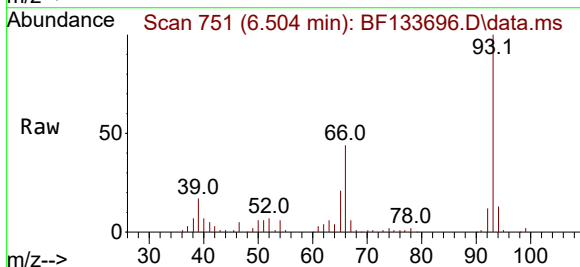
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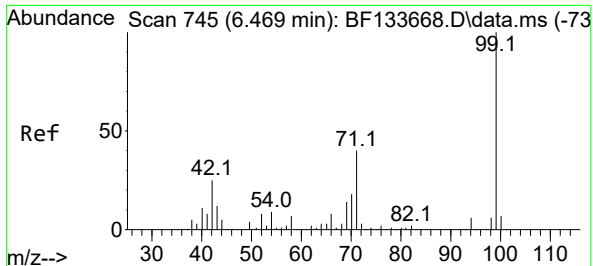
Tgt Ion:112 Resp: 610501
Ion Ratio Lower Upper
112 100
64 62.2 49.0 73.4
63 35.5 26.8 40.2



#6
Aniline
Concen: 7.952 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF133696.D
Acq: 10 Jun 2023 03:02

Tgt Ion: 93 Resp: 76816
Ion Ratio Lower Upper
93 100
66 44.2 34.4 51.6
65 21.2 17.5 26.3

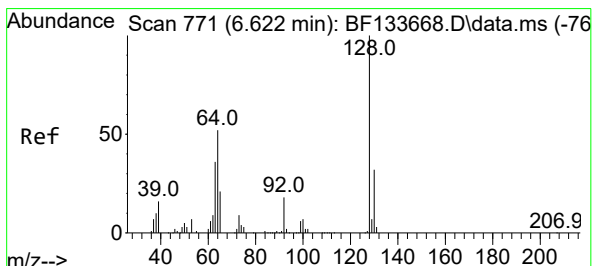
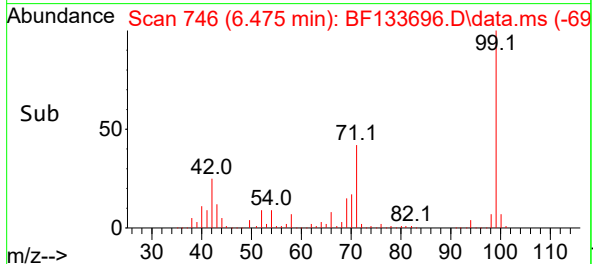
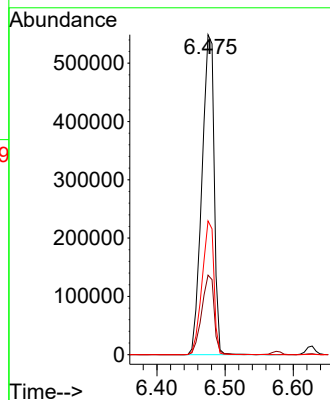
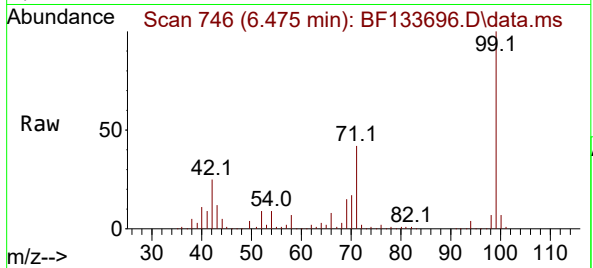




#7
Phenol-d6
Concen: 89.167 ng
RT: 6.475 min Scan# 745
Delta R.T. 0.006 min
Lab File: BF133696.D
Acq: 10 Jun 2023 03:02

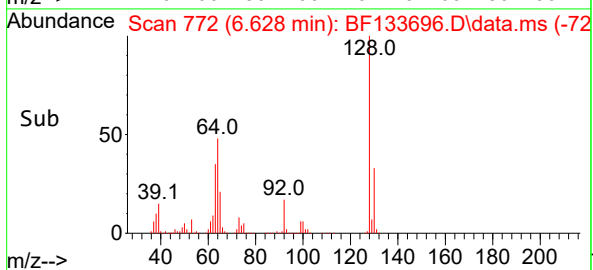
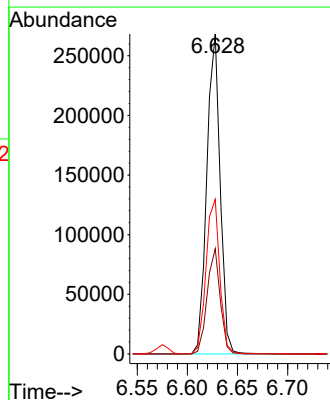
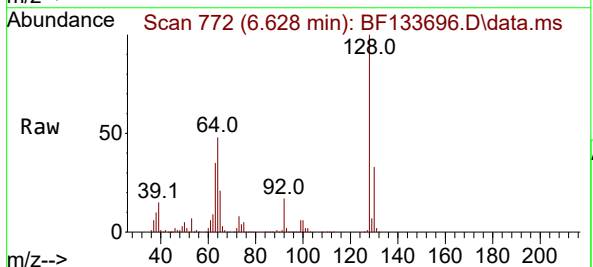
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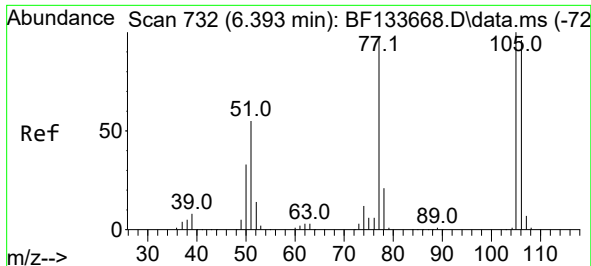
Tgt Ion: 99 Resp: 683913
Ion Ratio Lower Upper
99 100
42 24.9 19.9 29.9
71 41.8 32.2 48.4



#8
2-Chlorophenol
Concen: 40.232 ng
RT: 6.628 min Scan# 772
Delta R.T. 0.006 min
Lab File: BF133696.D
Acq: 10 Jun 2023 03:02

Tgt Ion:128 Resp: 249830
Ion Ratio Lower Upper
128 100
130 32.9 12.3 52.3
64 48.3 33.1 73.1





#9

Benzaldehyde

Concen: 10.633 ng

RT: 6.393 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF133696.D

Acq: 10 Jun 2023 03:02

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

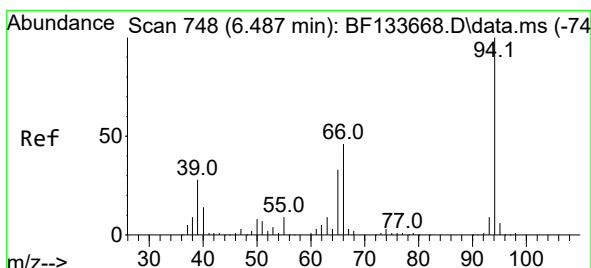
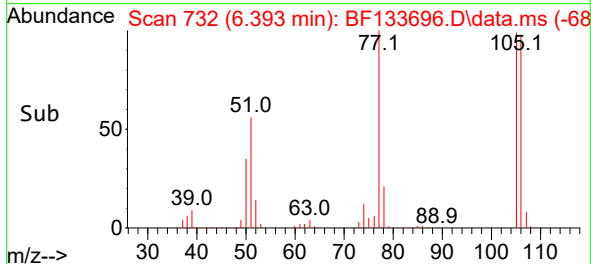
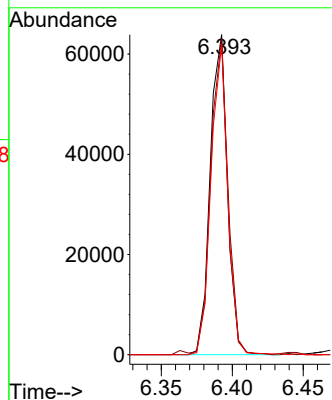
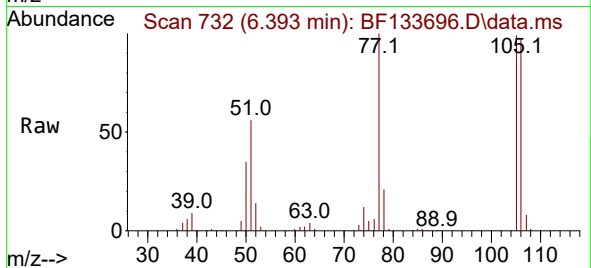
Tgt Ion: 77 Resp: 54110

Ion Ratio Lower Upper

77 100

105 98.8 82.0 122.0

106 97.0 77.6 117.6



#10

Phenol

Concen: 32.634 ng

RT: 6.493 min Scan# 749

Delta R.T. 0.006 min

Lab File: BF133696.D

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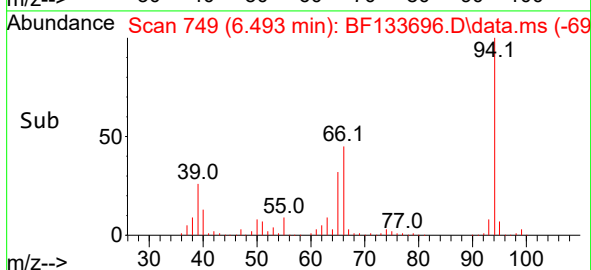
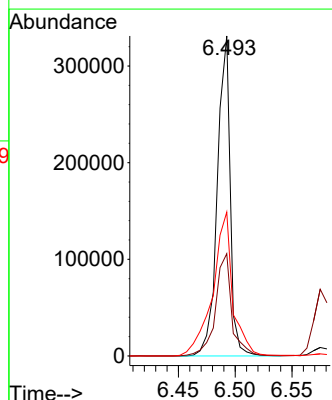
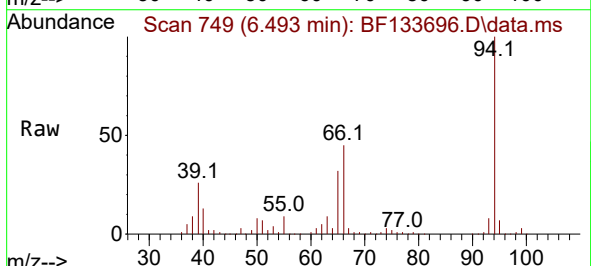
Tgt Ion: 94 Resp: 261367

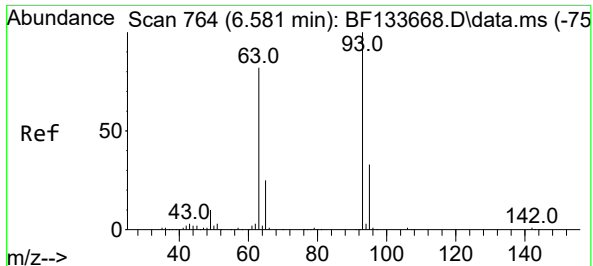
Ion Ratio Lower Upper

94 100

65 31.9 13.2 53.2

66 44.9 26.1 66.1





#11

bis(2-Chloroethyl)ether

Concen: 40.197 ng

RT: 6.575 min Scan# 763

Delta R.T. -0.006 min

Lab File: BF133696.D

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BNA_F

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TP-1MSD

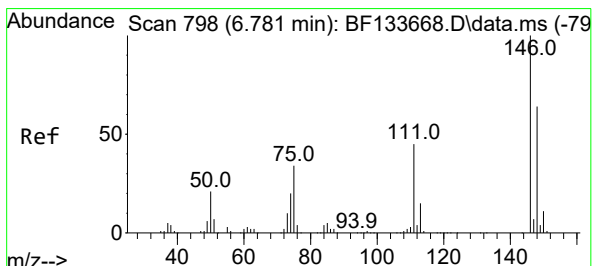
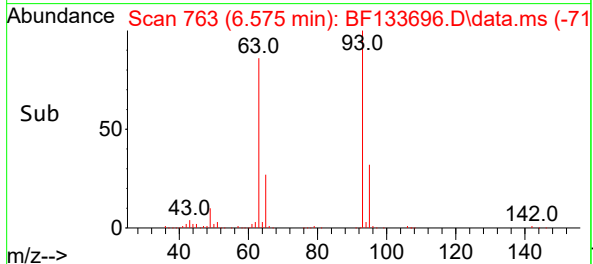
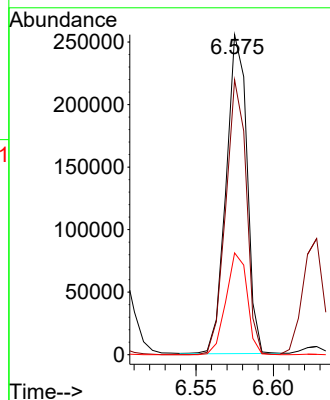
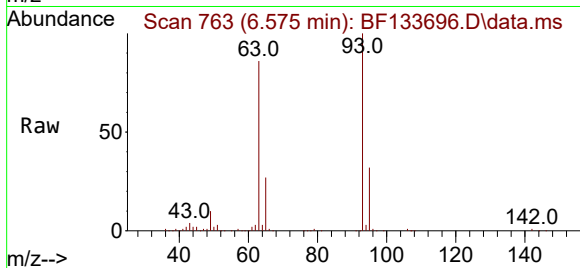
Tgt Ion: 93 Resp: 239002

Ion Ratio Lower Upper

93 100

63 85.9 62.1 102.1

95 31.8 13.0 53.0



#12

1,3-Dichlorobenzene

Concen: 39.940 ng

RT: 6.781 min Scan# 798

Delta R.T. -0.000 min

Lab File: BF133696.D

Acq: 10 Jun 2023 03:02

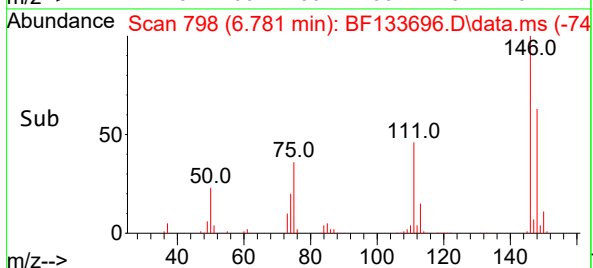
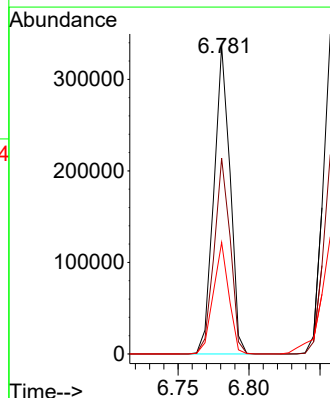
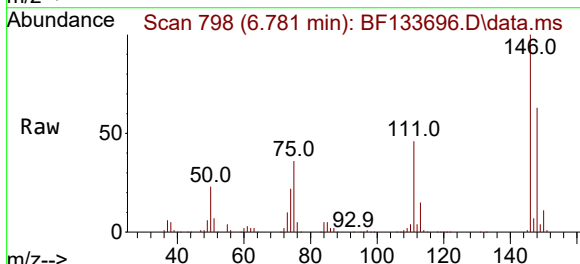
Tgt Ion:146 Resp: 264989

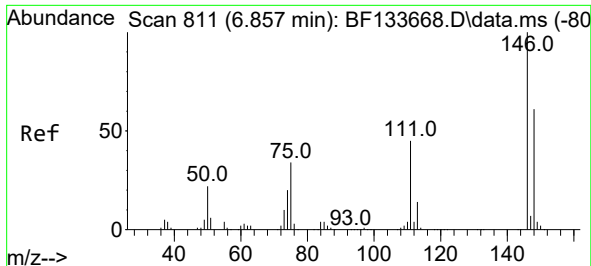
Ion Ratio Lower Upper

146 100

148 63.5 50.9 76.3

75 36.2 27.1 40.7





#13

1,4-Dichlorobenzene

Concen: 40.005 ng

RT: 6.857 min Scan# 811

Delta R.T. -0.000 min

Lab File: BF133696.D

Acq: 10 Jun 2023 03:02

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

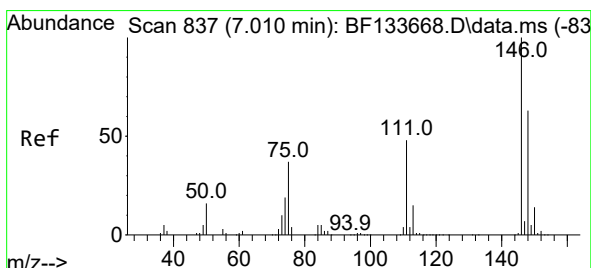
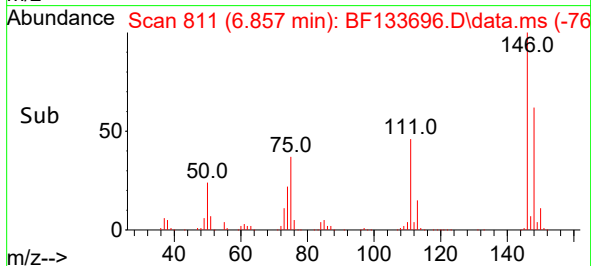
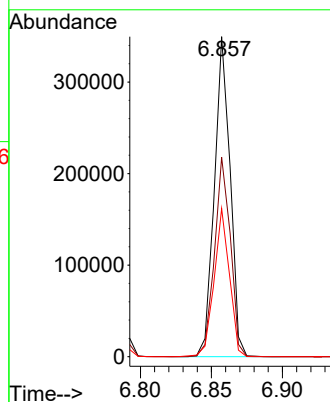
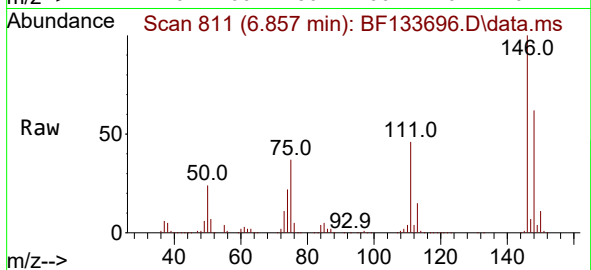
Tgt Ion:146 Resp: 268270

Ion Ratio Lower Upper

146 100

148 62.3 48.9 73.3

111 46.3 35.8 53.6



#14

1,2-Dichlorobenzene

Concen: 41.903 ng

RT: 7.010 min Scan# 837

Delta R.T. -0.000 min

Lab File: BF133696.D

Acq: 10 Jun 2023 03:02

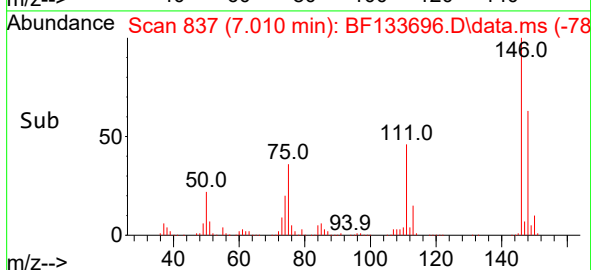
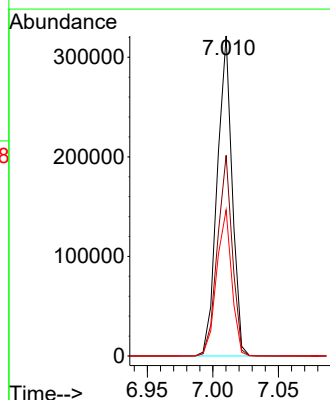
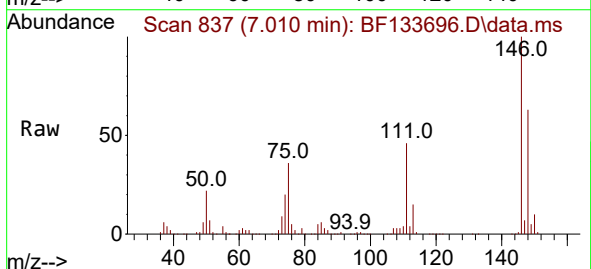
Tgt Ion:146 Resp: 253905

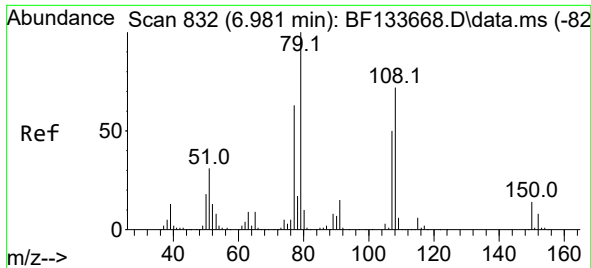
Ion Ratio Lower Upper

146 100

148 62.7 50.6 75.8

111 45.7 38.7 58.1

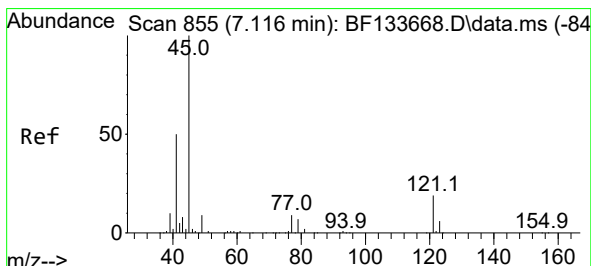
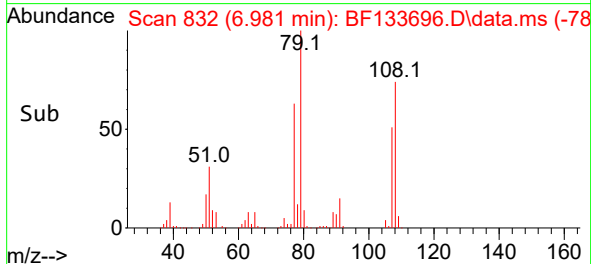
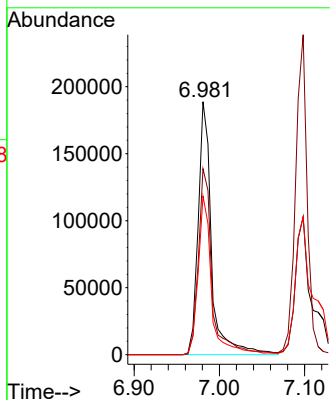
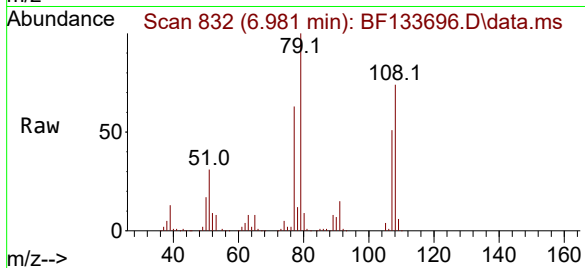




#15
Benzyl Alcohol
Concen: 34.459 ng
RT: 6.981 min Scan# 832
Delta R.T. -0.000 min
Lab File: BF133696.D
Acq: 10 Jun 2023 03:02

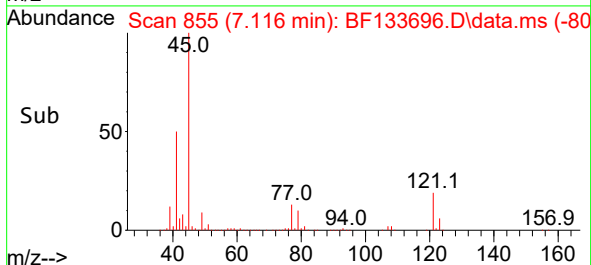
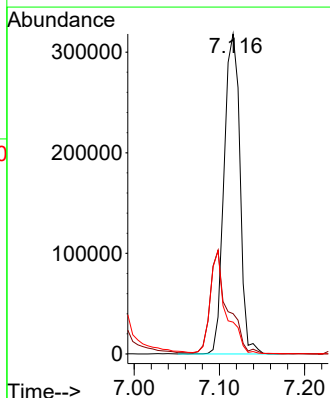
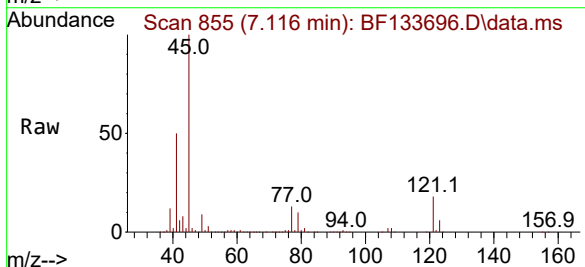
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

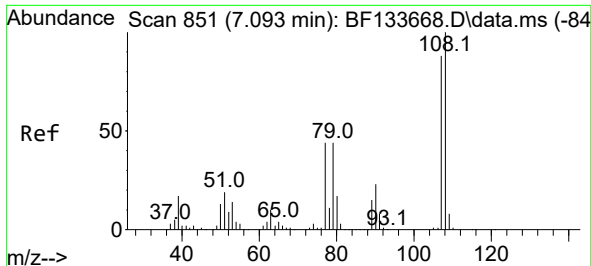
Tgt Ion: 79 Resp: 206429
Ion Ratio Lower Upper
79 100
108 73.5 57.9 86.9
77 62.7 50.4 75.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.757 ng
RT: 7.116 min Scan# 855
Delta R.T. -0.000 min
Lab File: BF133696.D
Acq: 10 Jun 2023 03:02

Tgt Ion: 45 Resp: 410788
Ion Ratio Lower Upper
45 100
77 12.6 0.0 32.3
79 10.0 0.0 29.4

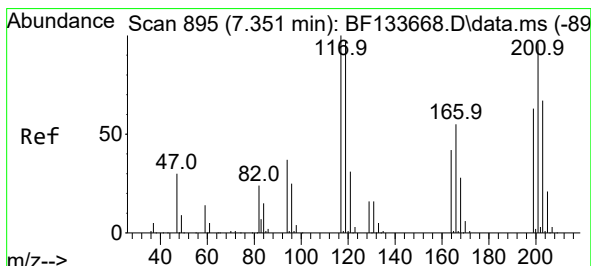
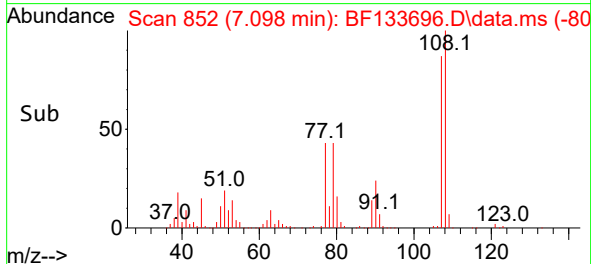
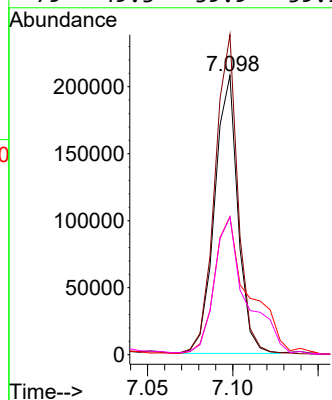
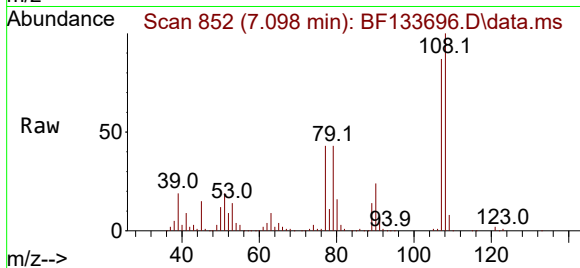




#17
2-Methylphenol
Concen: 35.873 ng
RT: 7.098 min Scan# 851
Delta R.T. 0.006 min
Lab File: BF133696.D
Acq: 10 Jun 2023 03:02

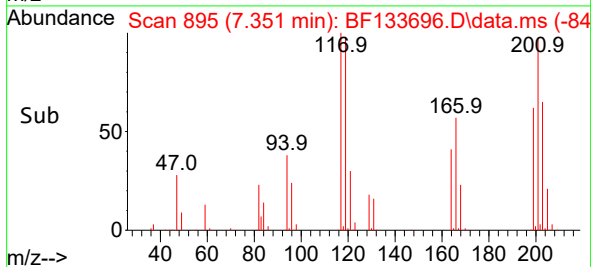
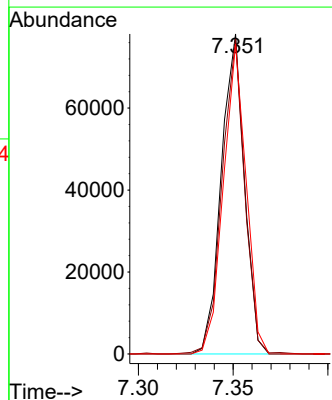
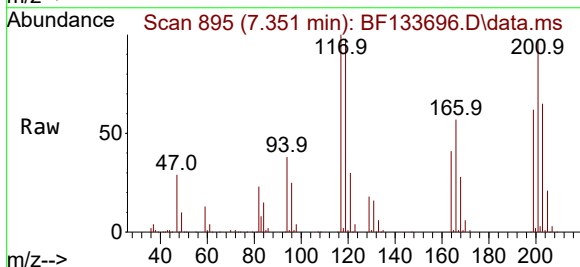
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

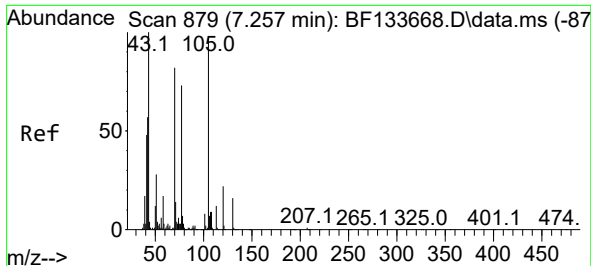
Tgt Ion:107 Resp: 197445
Ion Ratio Lower Upper
107 100
108 114.6 90.9 136.3
77 49.4 39.8 59.6
79 49.3 39.9 59.9



#18
Hexachloroethane
Concen: 28.899 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.000 min
Lab File: BF133696.D
Acq: 10 Jun 2023 03:02

Tgt Ion:117 Resp: 66345
Ion Ratio Lower Upper
117 100
119 98.5 77.3 115.9
201 96.9 76.8 115.2



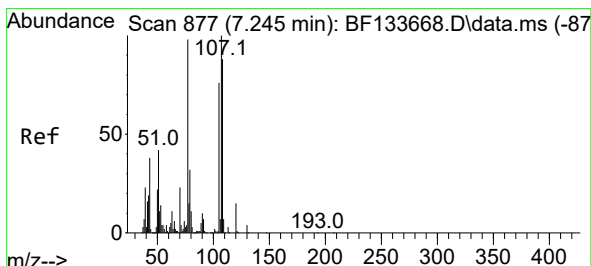
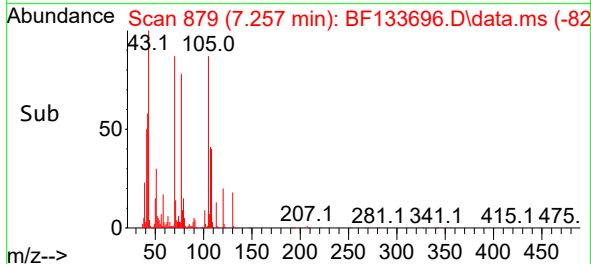
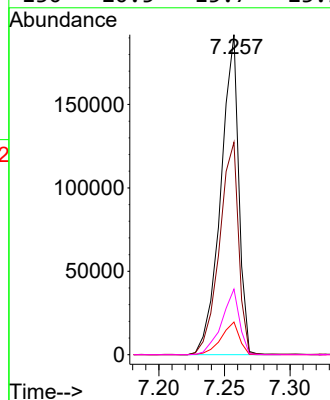
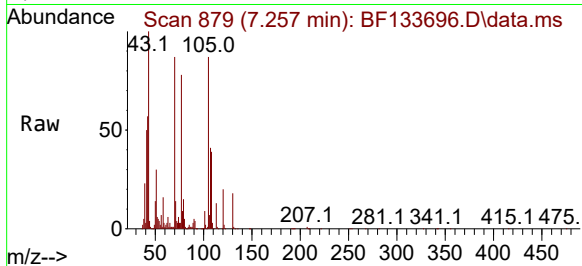


#19
n-Nitroso-di-n-propylamine
Concen: 37.574 ng
RT: 7.257 min Scan# 819
Delta R.T. -0.000 min
Lab File: BF133696.D
Acq: 10 Jun 2023 03:02

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion: 70 Resp: 183364

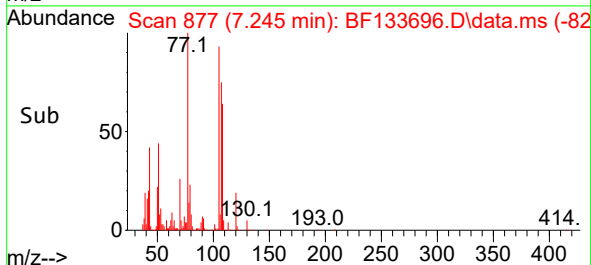
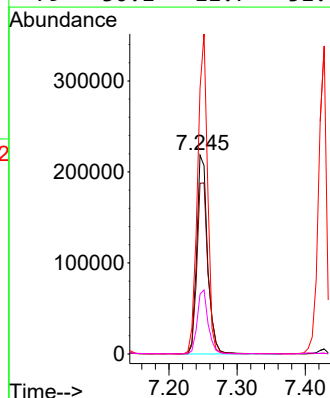
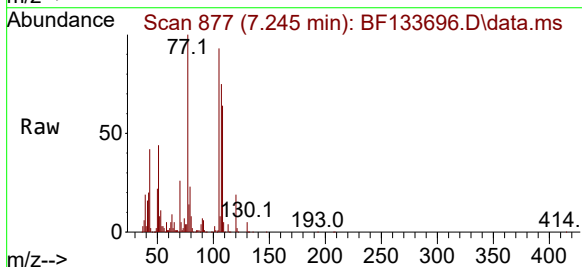
Ion	Ratio	Lower	Upper
70	100		
42	66.3	55.8	83.8
101	10.2	8.1	12.1
130	20.5	15.7	23.5

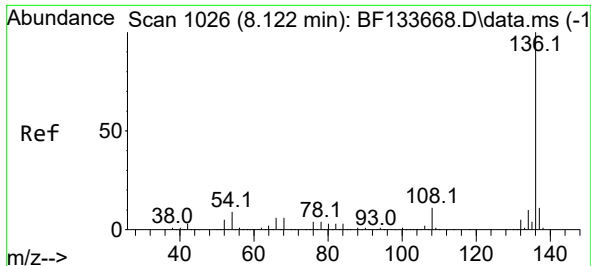


#20
3+4-Methylphenols
Concen: 33.811 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.000 min
Lab File: BF133696.D
Acq: 10 Jun 2023 03:02

Tgt Ion: 107 Resp: 242085

Ion	Ratio	Lower	Upper
107	100		
108	85.8	67.9	107.9
77	133.7	77.7	117.7#
79	30.1	11.7	51.7

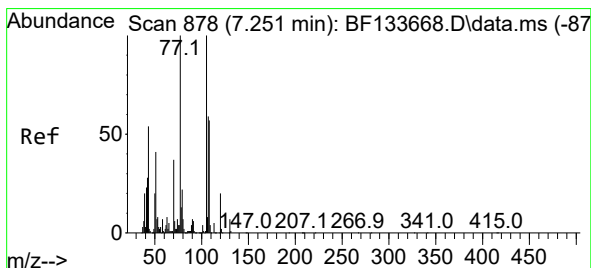
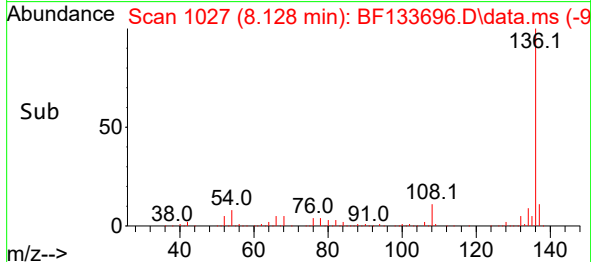
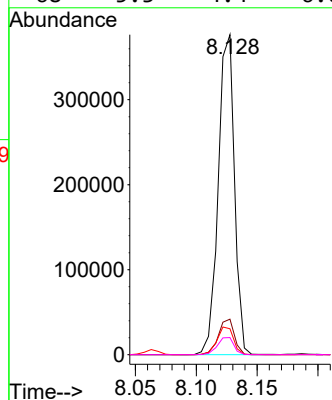
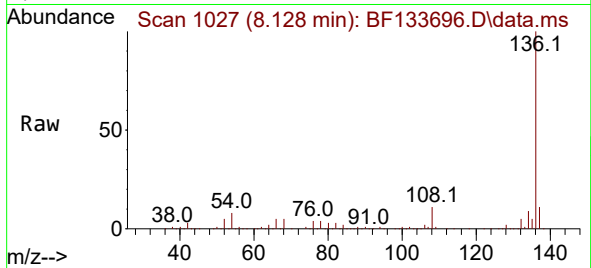




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BF133696.D
Acq: 10 Jun 2023 03:02

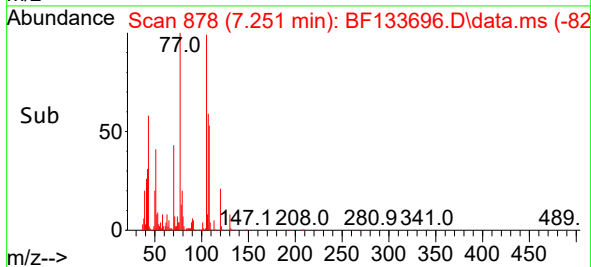
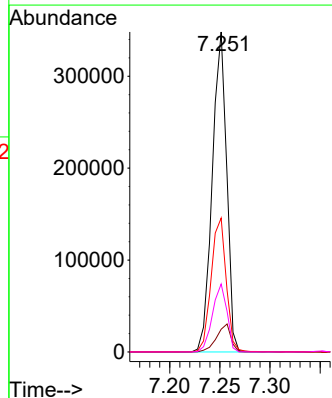
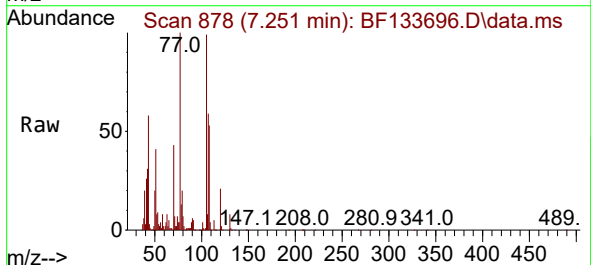
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

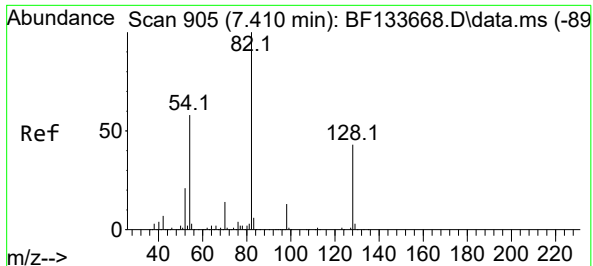
Tgt Ion:136	Resp:	350647	
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.1	7.4	11.0
68	5.3	4.4	6.6



#22
Acetophenone
Concen: 43.248 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF133696.D
Acq: 10 Jun 2023 03:02

Tgt	Ion:105	Resp:	347812
Ion	Ratio	Lower	Upper
105	100		
71	7.1	4.8	7.2
51	41.9	33.0	49.4
120	21.3	16.2	24.4





#23

Nitrobenzene-d5

Concen: 78.322 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF133696.D

Acq: 10 Jun 2023 03:02

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

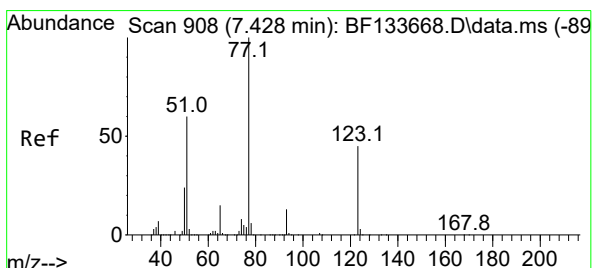
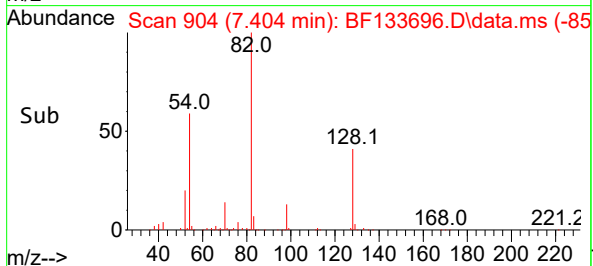
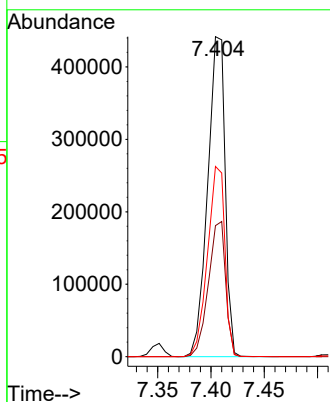
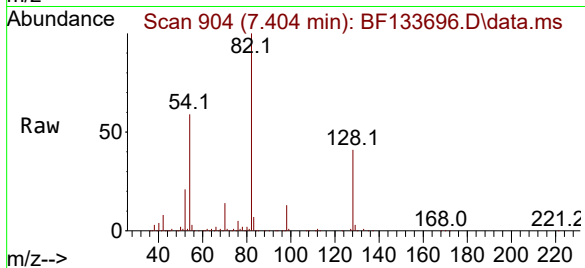
Tgt Ion: 82 Resp: 504226

Ion Ratio Lower Upper

82 100

128 41.0 34.2 51.2

54 59.5 46.5 69.7



#24

Nitrobenzene

Concen: 41.556 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.000 min

Lab File: BF133696.D

Acq: 10 Jun 2023 03:02

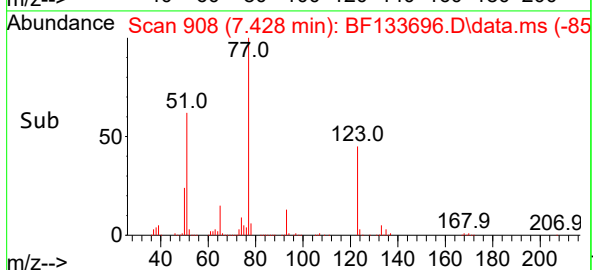
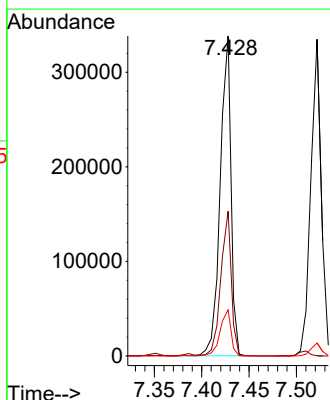
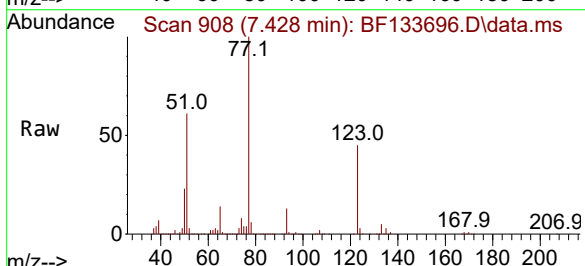
Tgt Ion: 77 Resp: 269386

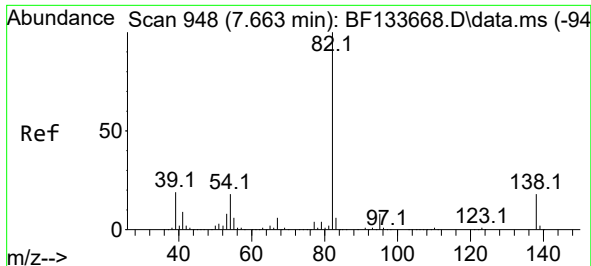
Ion Ratio Lower Upper

77 100

123 45.3 35.8 53.8

65 14.4 11.6 17.4

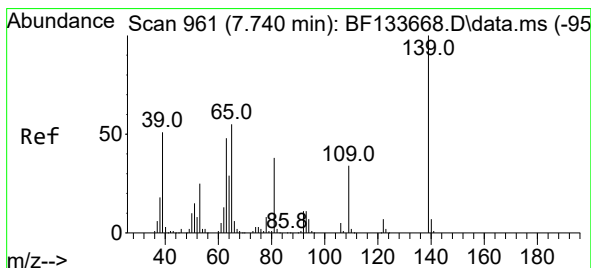
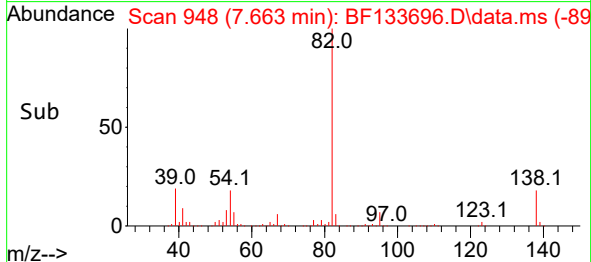
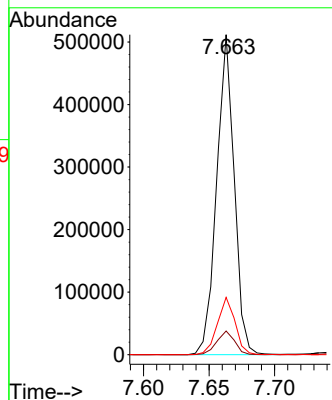
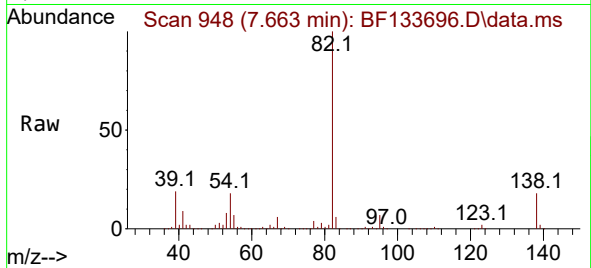




#25
Isophorone
Concen: 40.299 ng
RT: 7.663 min Scan# 948
Delta R.T. -0.000 min
Lab File: BF133696.D
Acq: 10 Jun 2023 03:02

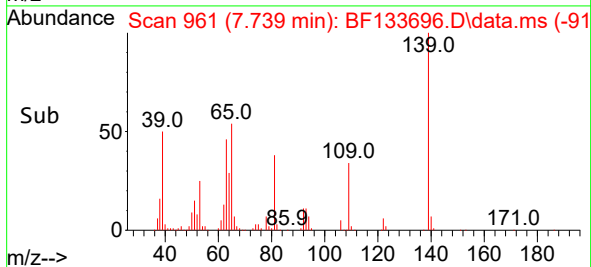
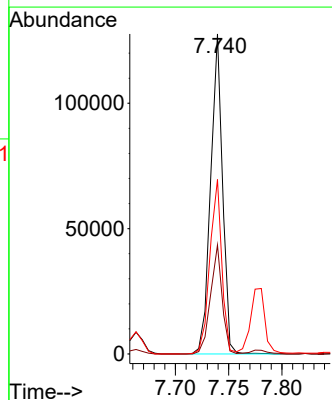
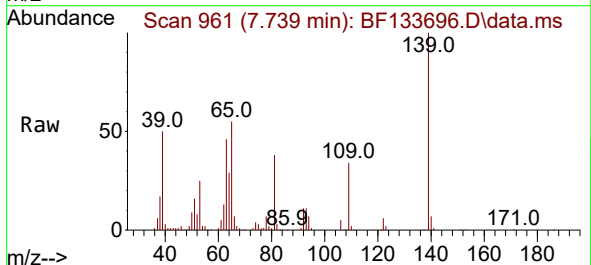
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

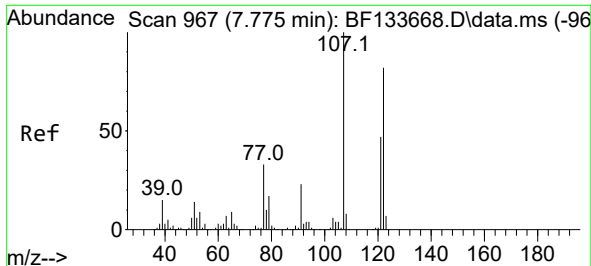
Tgt Ion: 82 Resp: 476301
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 17.9 14.2 21.2



#26
2-Nitrophenol
Concen: 34.287 ng
RT: 7.739 min Scan# 961
Delta R.T. -0.000 min
Lab File: BF133696.D
Acq: 10 Jun 2023 03:02

Tgt Ion:139 Resp: 99751
Ion Ratio Lower Upper
139 100
109 34.1 27.0 40.6
65 54.5 44.2 66.4





#27

2,4-Dimethylphenol

Concen: 42.133 ng

RT: 7.781 min Scan# 968

Delta R.T. 0.006 min

Lab File: BF133696.D

Acq: 10 Jun 2023 03:02

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

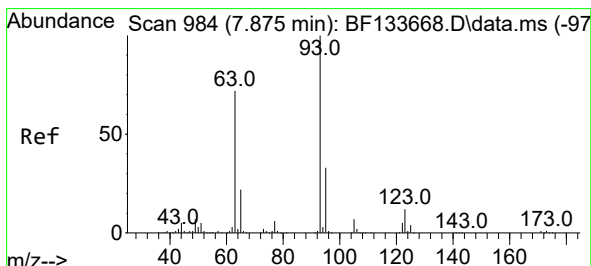
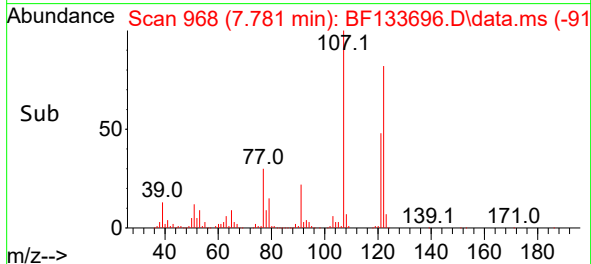
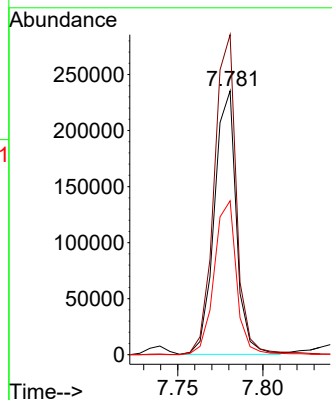
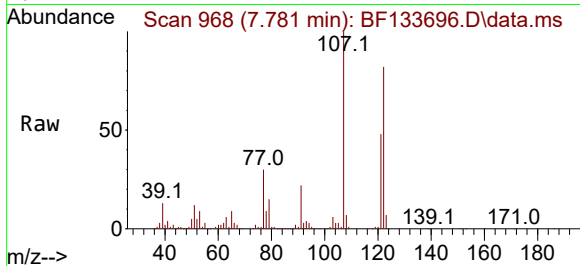
Tgt Ion:122 Resp: 211274

Ion Ratio Lower Upper

122 100

107 121.3 97.8 146.6

121 58.4 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 40.911 ng

RT: 7.875 min Scan# 984

Delta R.T. -0.000 min

Lab File: BF133696.D

Acq: 10 Jun 2023 03:02

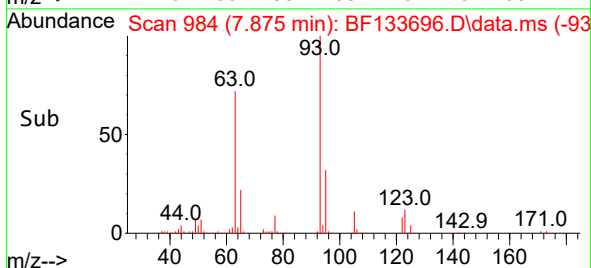
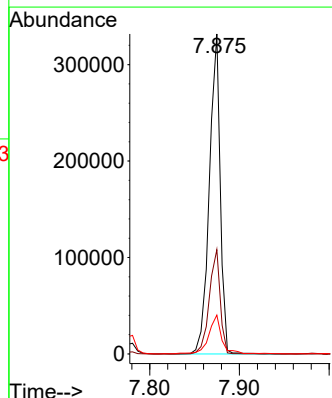
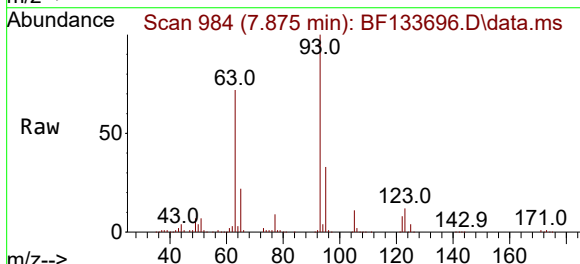
Tgt Ion: 93 Resp: 279463

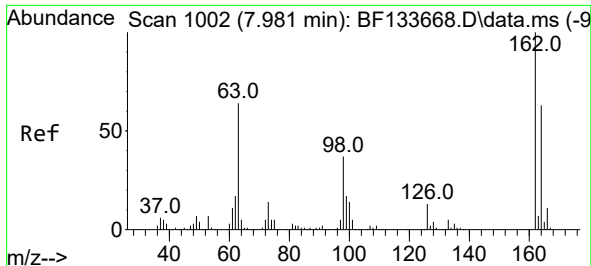
Ion Ratio Lower Upper

93 100

95 32.6 26.4 39.6

123 12.1 9.9 14.9

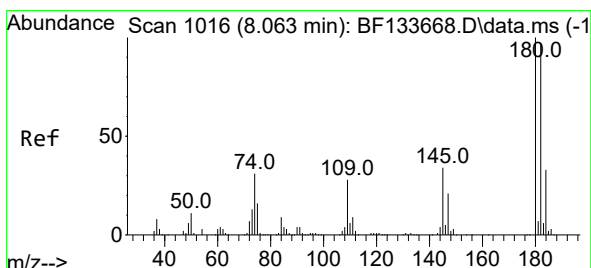
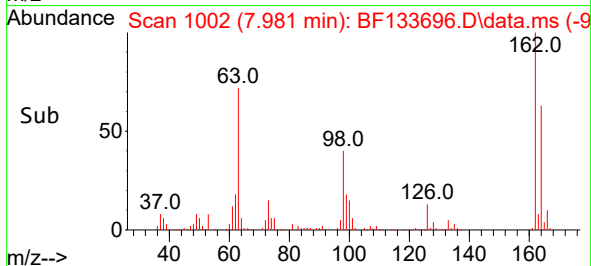
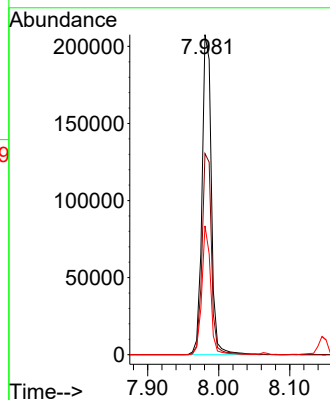
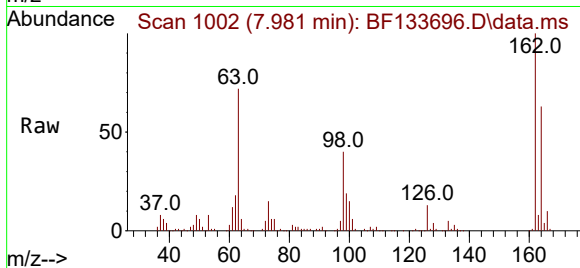




#29
2,4-Dichlorophenol
Concen: 38.701 ng
RT: 7.981 min Scan# 1002
Delta R.T. -0.000 min
Lab File: BF133696.D
Acq: 10 Jun 2023 03:02

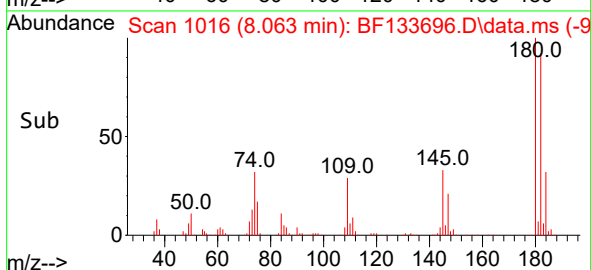
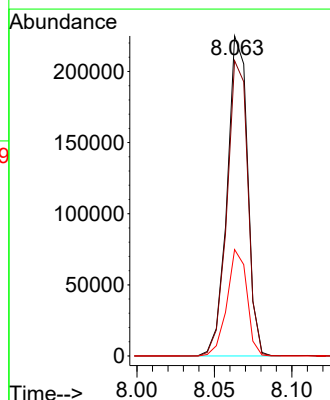
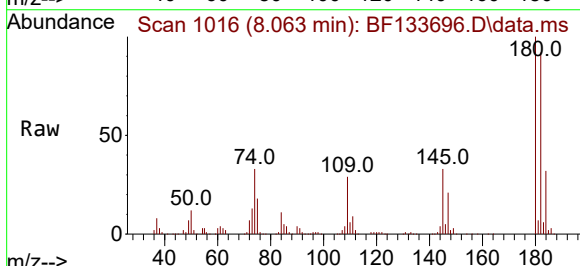
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

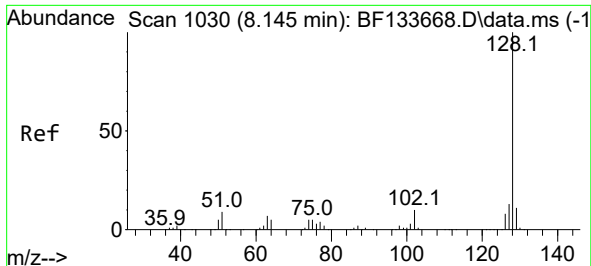
Tgt Ion:162 Resp: 190196
Ion Ratio Lower Upper
162 100
164 62.9 43.4 83.4
98 40.3 17.4 57.4



#30
1,2,4-Trichlorobenzene
Concen: 40.263 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF133696.D
Acq: 10 Jun 2023 03:02

Tgt Ion:180 Resp: 206446
Ion Ratio Lower Upper
180 100
182 92.2 77.8 116.8
145 33.2 27.0 40.4

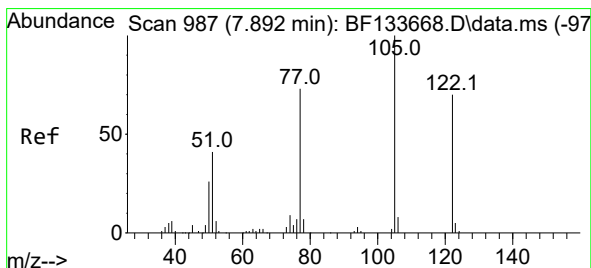
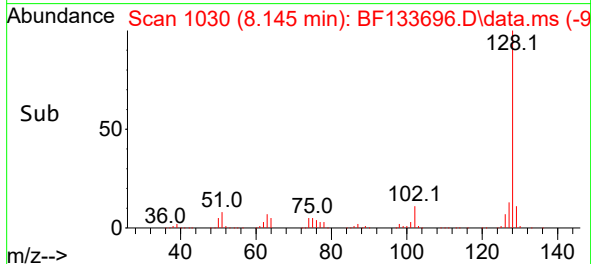
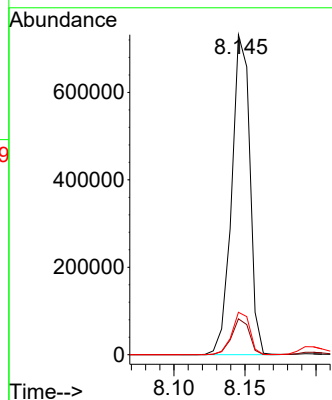
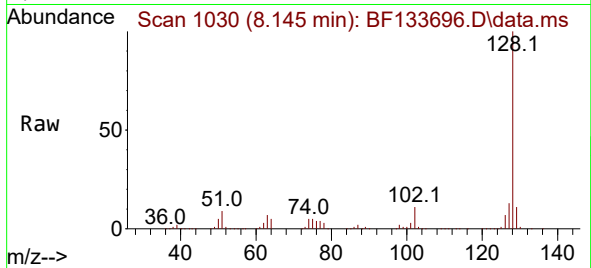




#31
Naphthalene
Concen: 38.201 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF133696.D
Acq: 10 Jun 2023 03:02

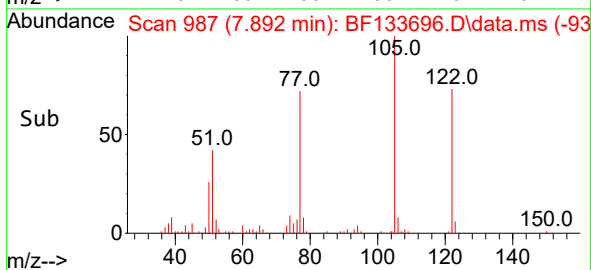
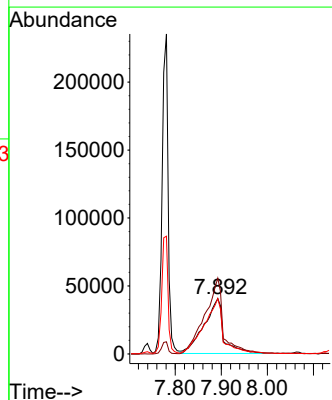
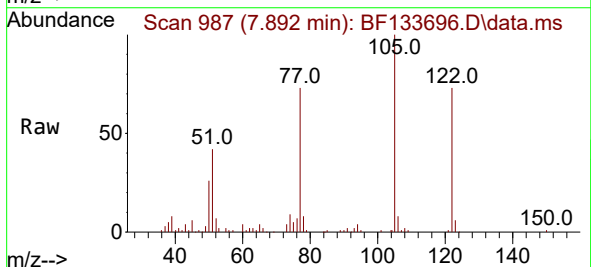
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

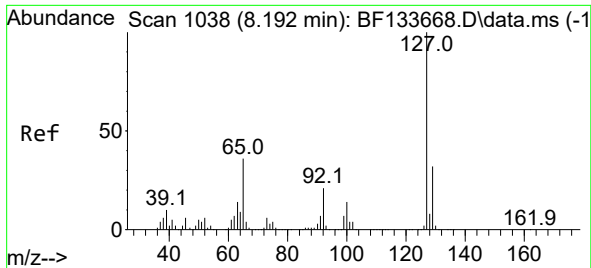
Tgt Ion:128 Resp: 652607
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.3 10.5 15.7



#32
Benzoic acid
Concen: 38.185 ng
RT: 7.892 min Scan# 987
Delta R.T. 0.000 min
Lab File: BF133696.D
Acq: 10 Jun 2023 03:02

Tgt Ion:122 Resp: 120760
Ion Ratio Lower Upper
122 100
105 137.2 116.3 156.3
77 100.0 82.4 122.4

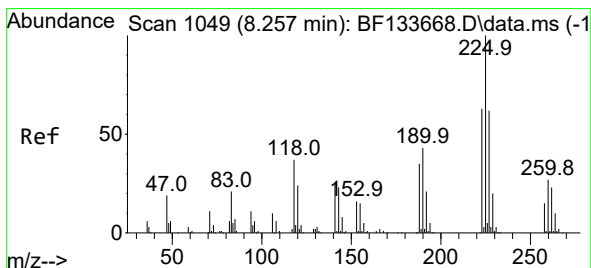
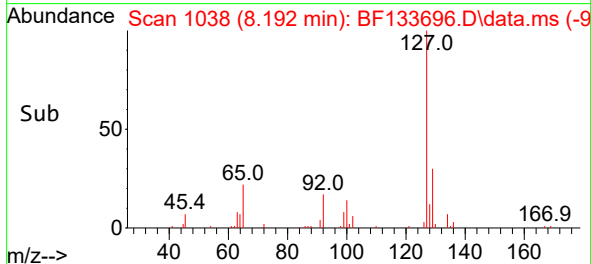
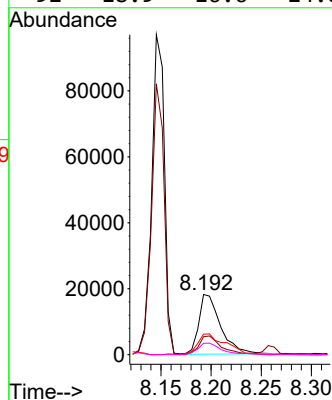
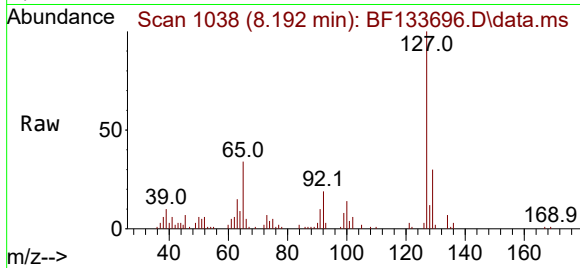




#33
4-Chloroaniline
Concen: 3.753 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.000 min
Lab File: BF133696.D
Acq: 10 Jun 2023 03:02

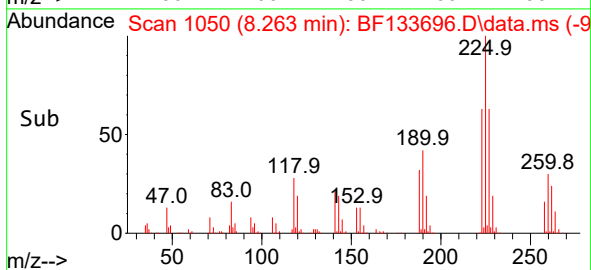
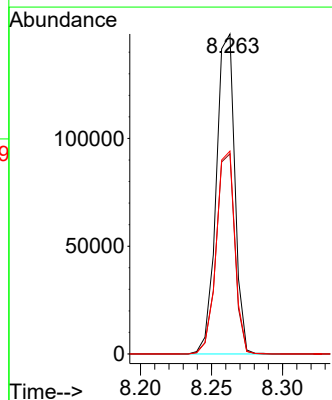
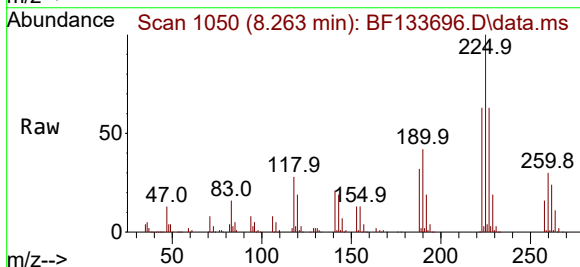
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

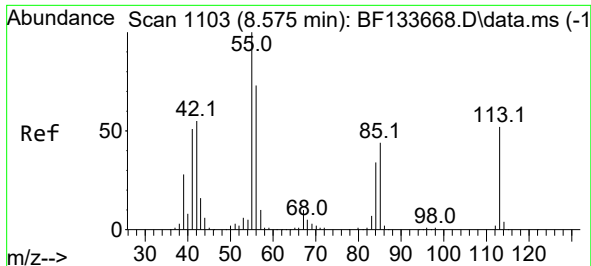
Tgt Ion:	127	Resp:	27413
Ion	Ratio	Lower	Upper
127	100		
129	29.9	25.6	38.4
65	33.9	28.9	43.3
92	18.9	16.6	24.8



#34
Hexachlorobutadiene
Concen: 40.206 ng
RT: 8.263 min Scan# 1050
Delta R.T. 0.006 min
Lab File: BF133696.D
Acq: 10 Jun 2023 03:02

Tgt Ion:	225	Resp:	134975
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.2	75.4
227	63.4	49.5	74.3

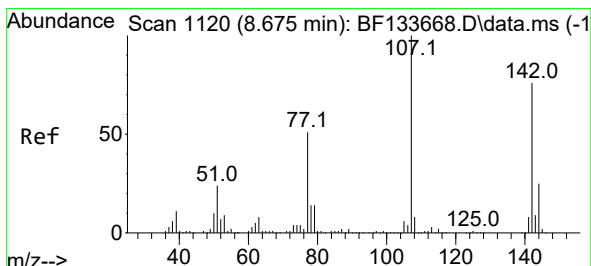
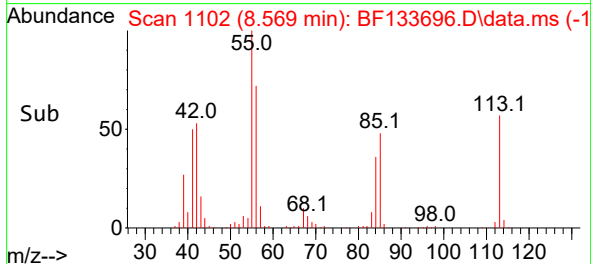
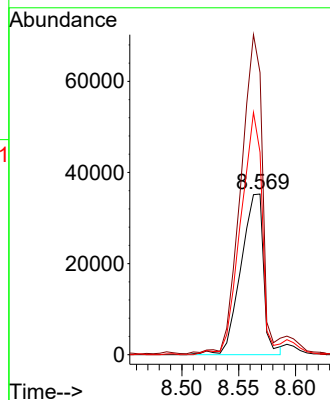
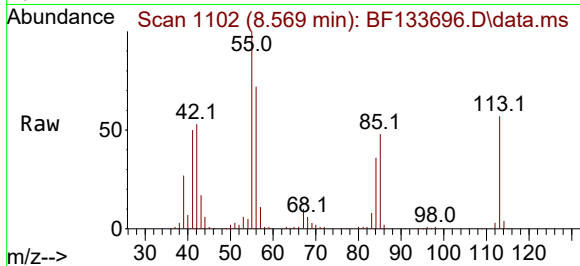




#35
 Caprolactam
 Concen: 29.560 ng
 RT: 8.569 min Scan# 1102
 Delta R.T. -0.006 min
 Lab File: BF133696.D
 Acq: 10 Jun 2023 03:02

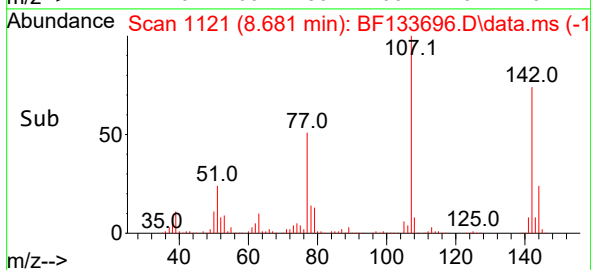
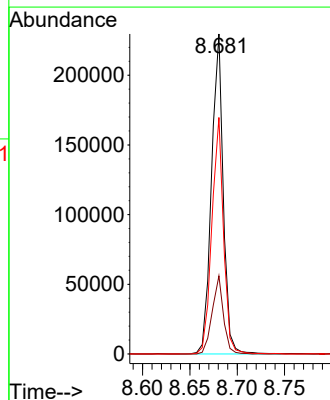
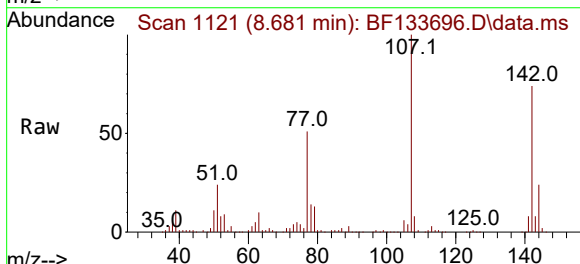
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

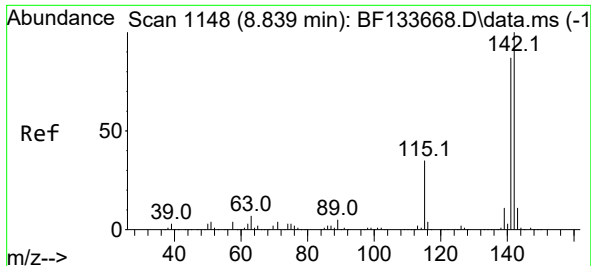
Tgt Ion:113 Resp: 48883
 Ion Ratio Lower Upper
 113 100
 55 175.5 173.3 213.3
 56 125.9 120.5 160.5



#36
 4-Chloro-3-methylphenol
 Concen: 34.964 ng
 RT: 8.681 min Scan# 1121
 Delta R.T. 0.006 min
 Lab File: BF133696.D
 Acq: 10 Jun 2023 03:02

Tgt Ion:107 Resp: 198061
 Ion Ratio Lower Upper
 107 100
 144 24.4 19.7 29.5
 142 73.9 61.1 91.7





#37

2-Methylnaphthalene

Concen: 35.341 ng

RT: 8.839 min Scan# 1148

Delta R.T. -0.000 min

Lab File: BF133696.D

Acq: 10 Jun 2023 03:02

Instrument :

BNA_F

ClientSampleId :

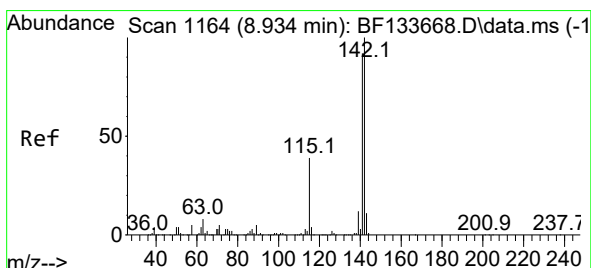
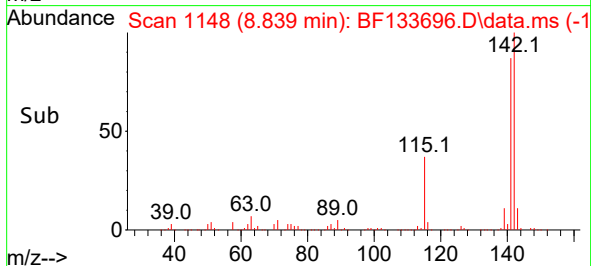
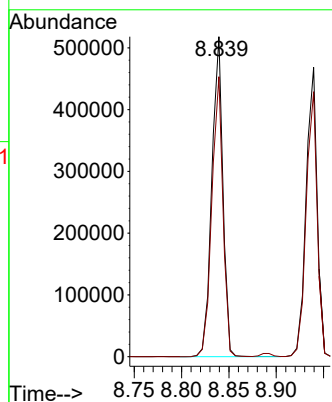
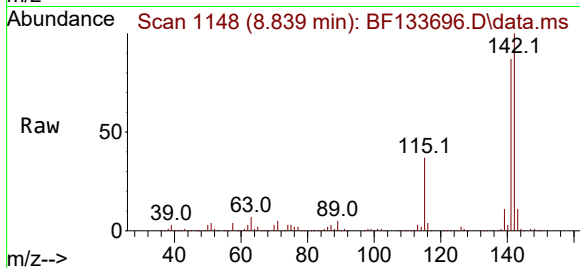
TP-1MSD

Tgt Ion:142 Resp: 419496

Ion Ratio Lower Upper

142 100

141 87.5 69.8 104.8



#38

1-Methylnaphthalene

Concen: 34.943 ng

RT: 8.939 min Scan# 1165

Delta R.T. 0.005 min

Lab File: BF133696.D

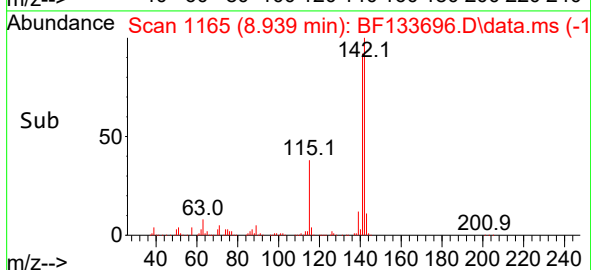
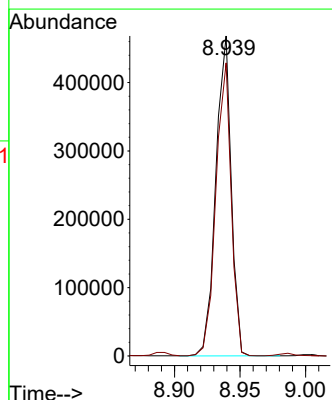
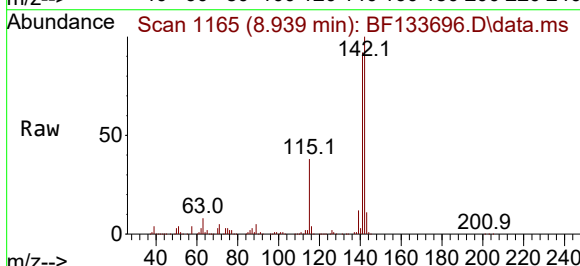
Acq: 10 Jun 2023 03:02

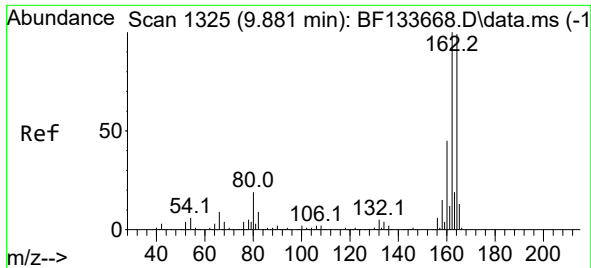
Tgt Ion:142 Resp: 381665

Ion Ratio Lower Upper

142 100

141 91.6 73.4 110.0

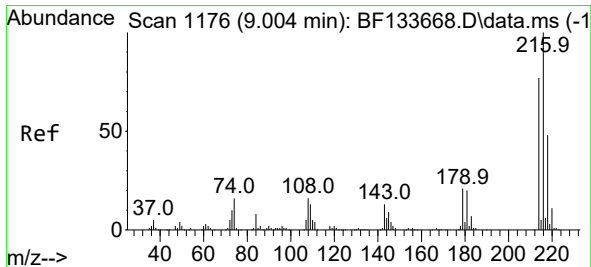
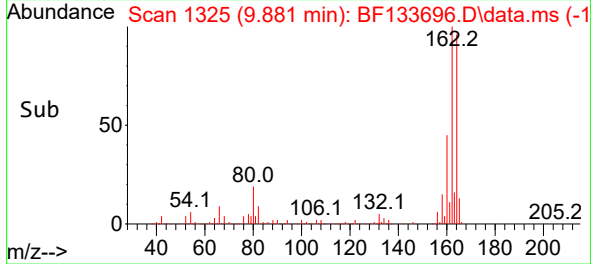
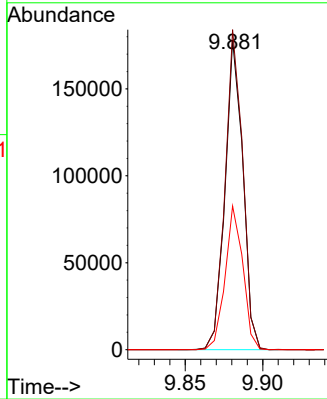
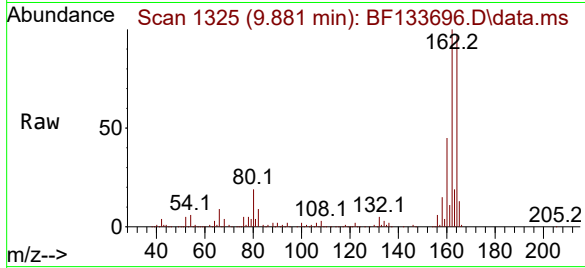




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF133696.D
Acq: 10 Jun 2023 03:02

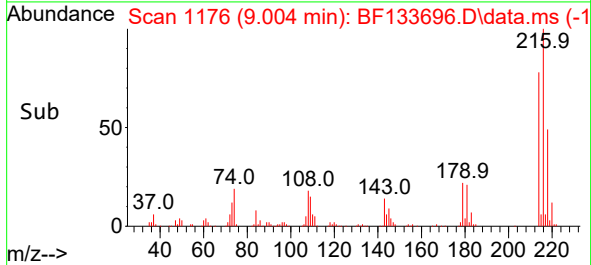
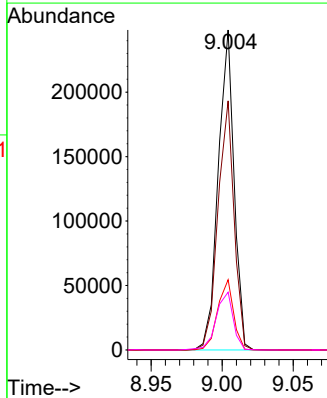
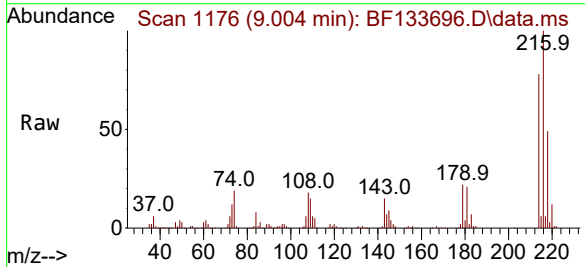
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

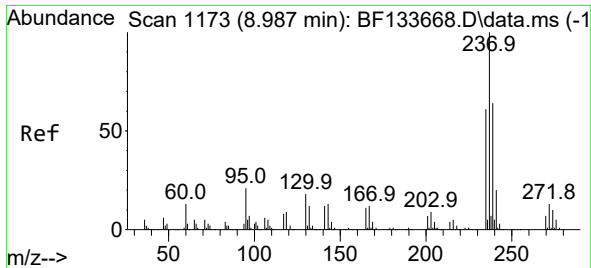
Tgt Ion:164 Resp: 142313
Ion Ratio Lower Upper
164 100
162 103.3 80.8 121.2
160 46.4 36.7 55.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.382 ng
RT: 9.004 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF133696.D
Acq: 10 Jun 2023 03:02

Tgt Ion:216 Resp: 192014
Ion Ratio Lower Upper
216 100
214 79.1 62.7 94.1
179 21.9 17.6 26.4
108 19.5 16.0 24.0

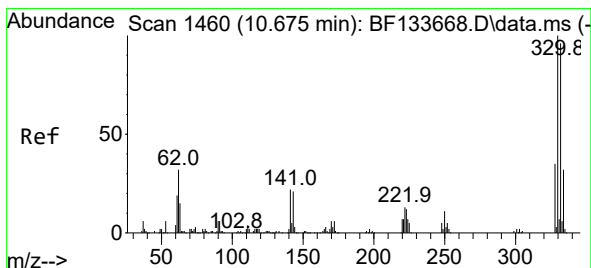
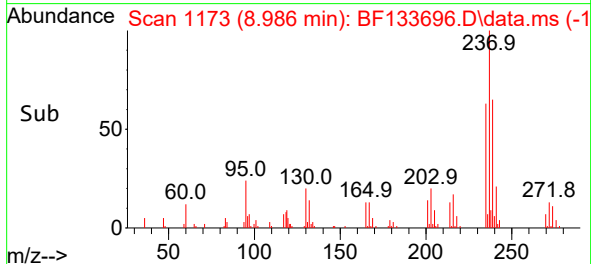
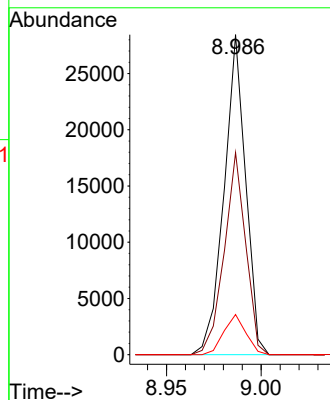
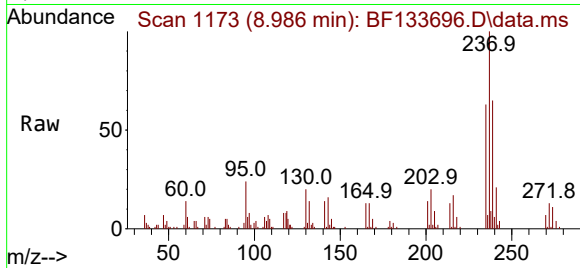




#41
Hexachlorocyclopentadiene
Concen: 11.687 ng
RT: 8.986 min Scan# 1173
Delta R.T. -0.001 min
Lab File: BF133696.D
Acq: 10 Jun 2023 03:02

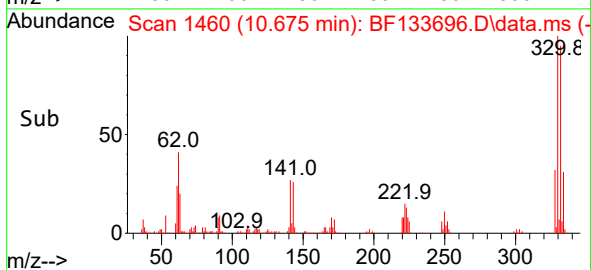
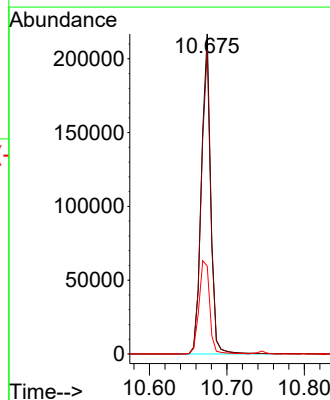
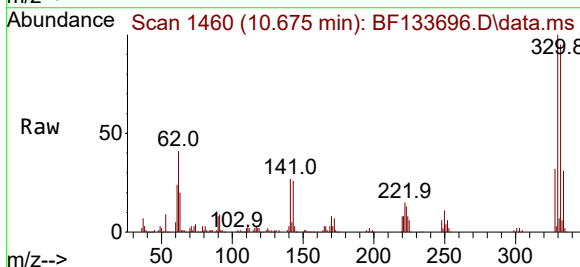
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

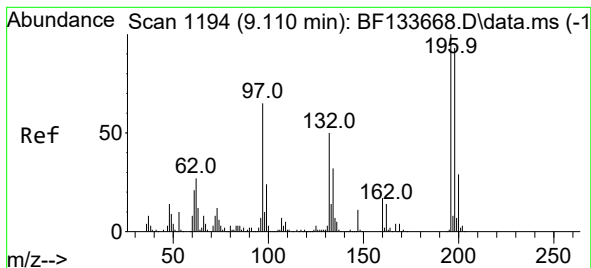
Tgt Ion: 237 Resp: 22532
Ion Ratio Lower Upper
237 100
235 63.2 40.6 80.6
272 12.5 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 100.175 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BF133696.D
Acq: 10 Jun 2023 03:02

Tgt Ion: 330 Resp: 180458
Ion Ratio Lower Upper
330 100
332 95.9 77.2 115.8
141 33.4 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 42.334 ng

RT: 9.116 min Scan# 1195

Delta R.T. 0.006 min

Lab File: BF133696.D

Acq: 10 Jun 2023 03:02

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

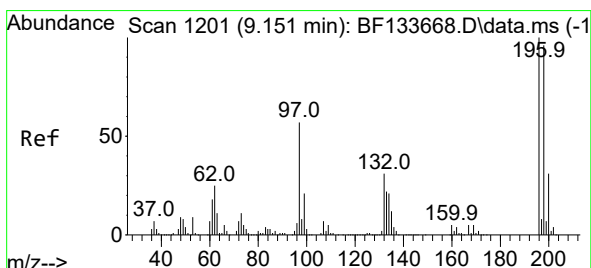
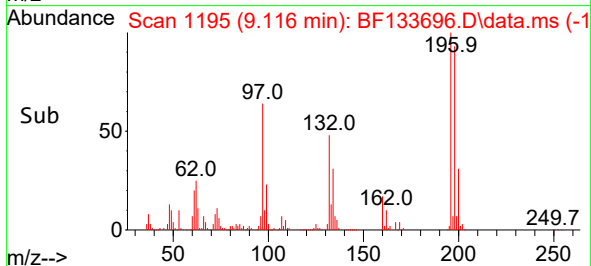
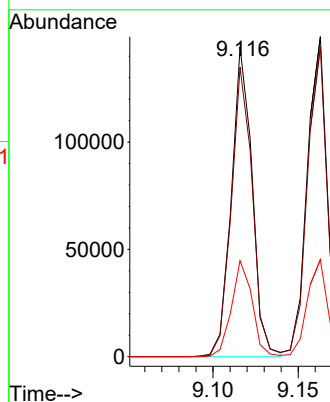
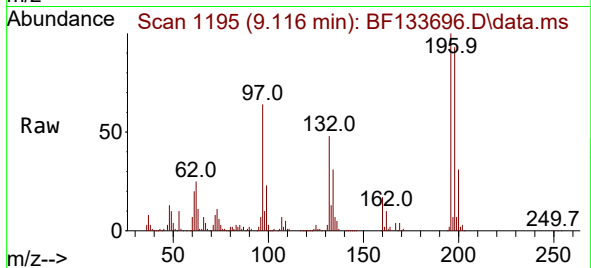
Tgt Ion:196 Resp: 122391

Ion Ratio Lower Upper

196 100

198 93.5 74.5 111.7

200 31.0 22.9 34.3



#44

2,4,5-Trichlorophenol

Concen: 37.300 ng

RT: 9.163 min Scan# 1203

Delta R.T. 0.012 min

Lab File: BF133696.D

Acq: 10 Jun 2023 03:02

Tgt Ion:196 Resp: 125457

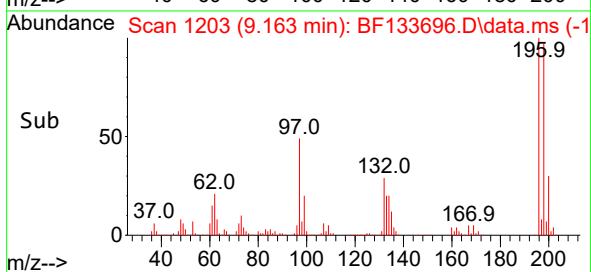
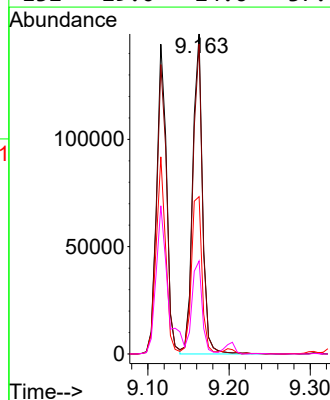
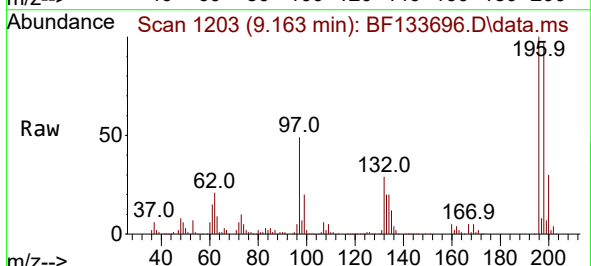
Ion Ratio Lower Upper

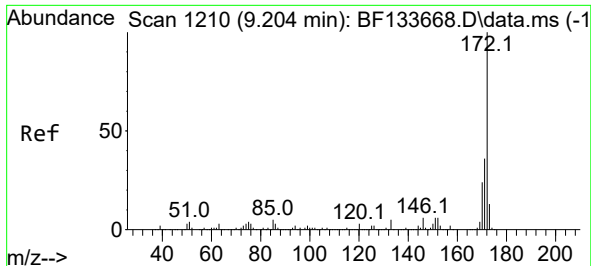
196 100

198 96.9 76.8 115.2

97 49.2 45.4 68.2

132 29.0 24.6 37.0





#45

2-Fluorobiphenyl

Concen: 81.929 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.000 min

Lab File: BF133696.D

Acq: 10 Jun 2023 03:02

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

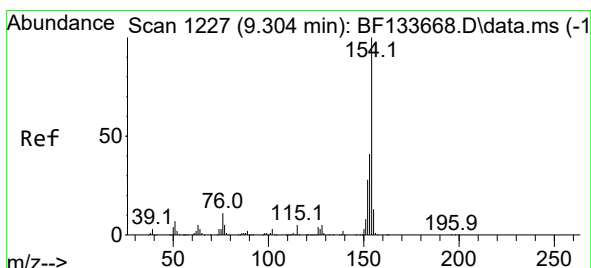
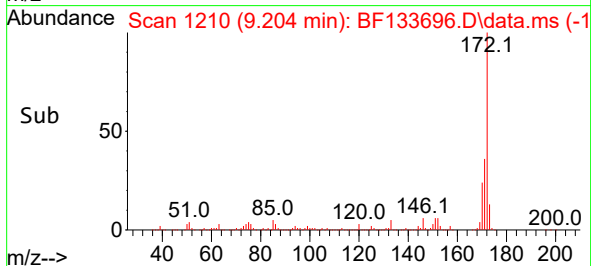
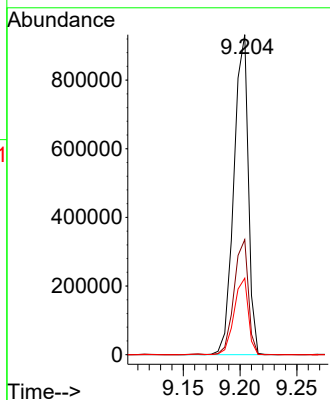
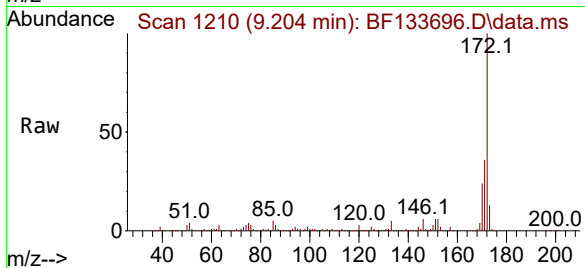
Tgt Ion:172 Resp: 820218

Ion Ratio Lower Upper

172 100

171 35.9 28.6 43.0

170 23.9 19.1 28.7



#46

1,1'-Biphenyl

Concen: 44.234 ng

RT: 9.304 min Scan# 1227

Delta R.T. -0.000 min

Lab File: BF133696.D

Acq: 10 Jun 2023 03:02

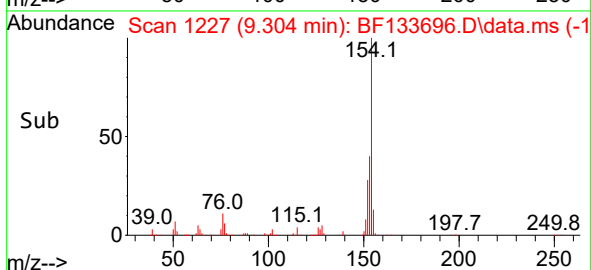
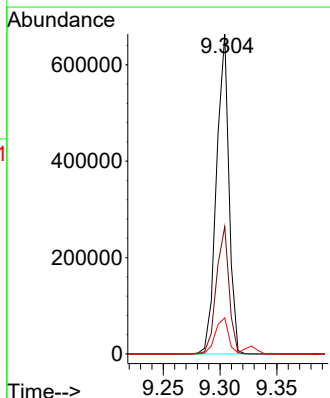
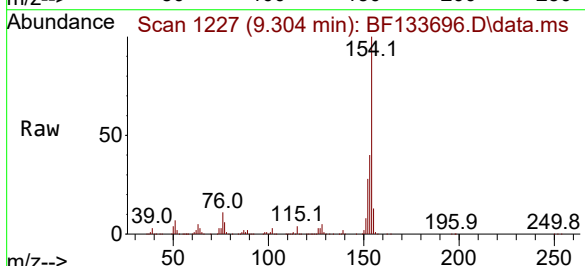
Tgt Ion:154 Resp: 507706

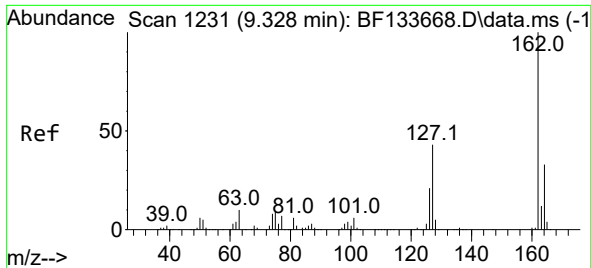
Ion Ratio Lower Upper

154 100

153 39.8 20.6 60.6

76 11.3 0.0 31.0

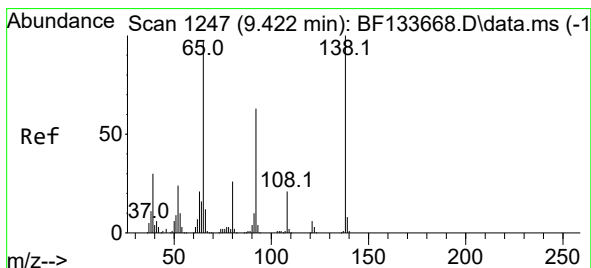
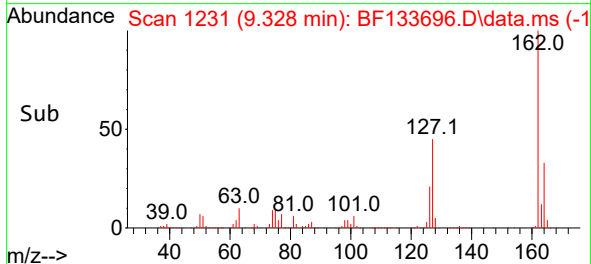
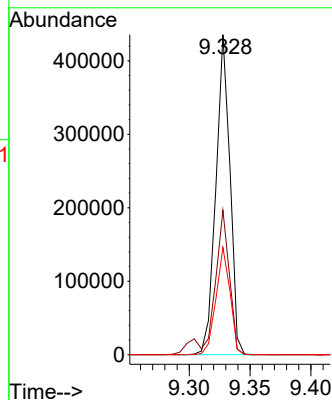
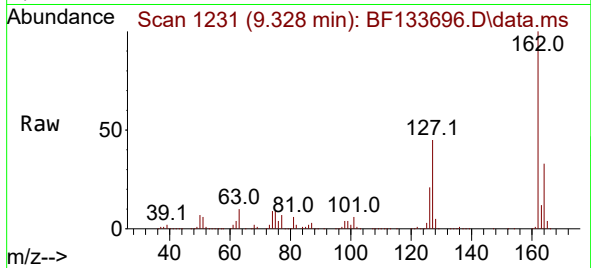




#47
2-Chloronaphthalene
Concen: 42.538 ng
RT: 9.328 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BF133696.D
Acq: 10 Jun 2023 03:02

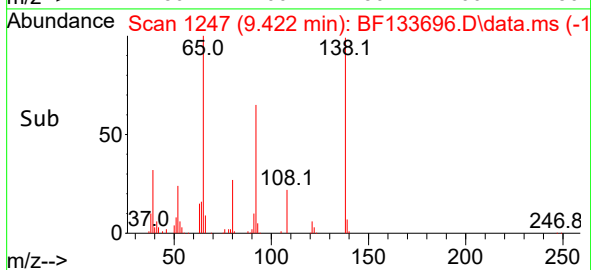
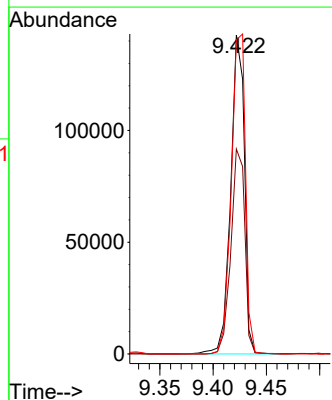
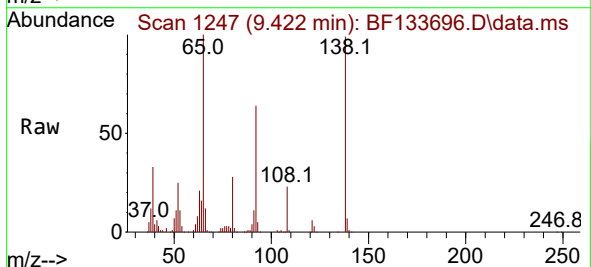
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

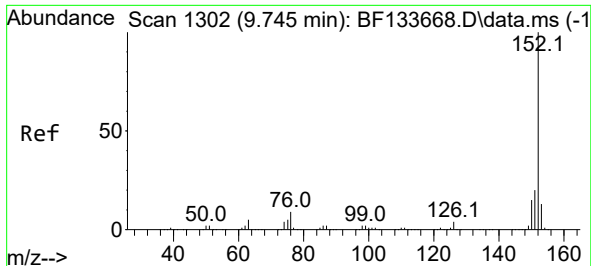
Tgt Ion:162 Resp: 350221
Ion Ratio Lower Upper
162 100
127 45.1 34.6 52.0
164 33.5 26.4 39.6



#48
2-Nitroaniline
Concen: 42.326 ng
RT: 9.422 min Scan# 1247
Delta R.T. -0.000 min
Lab File: BF133696.D
Acq: 10 Jun 2023 03:02

Tgt Ion: 65 Resp: 127446
Ion Ratio Lower Upper
65 100
92 64.3 51.8 77.6
138 98.5 82.1 123.1





#49

Acenaphthylene

Concen: 39.242 ng

RT: 9.745 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133696.D

Acq: 10 Jun 2023 03:02

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

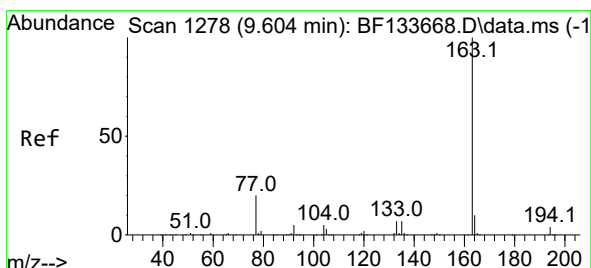
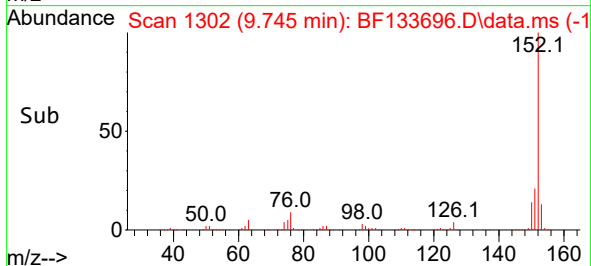
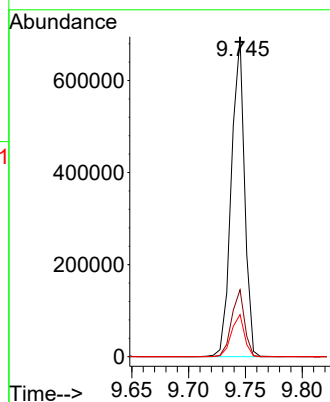
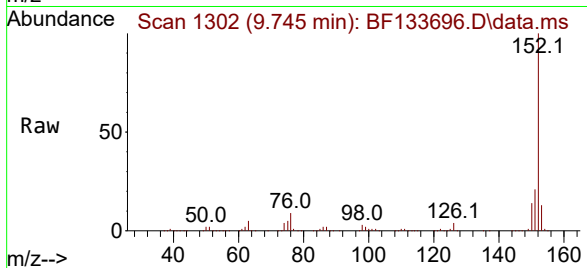
Tgt Ion:152 Resp: 562339

Ion Ratio Lower Upper

152 100

151 20.9 16.2 24.4

153 13.1 10.4 15.6



#50

Dimethylphthalate

Concen: 43.146 ng

RT: 9.604 min Scan# 1278

Delta R.T. -0.000 min

Lab File: BF133696.D

Acq: 10 Jun 2023 03:02

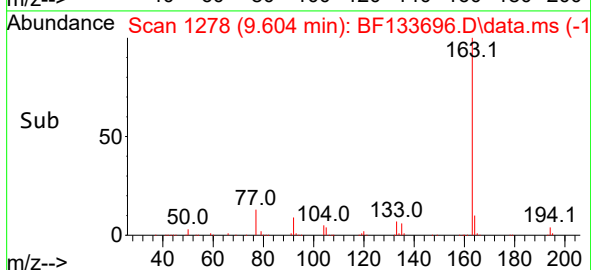
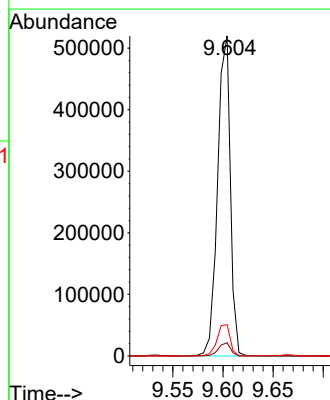
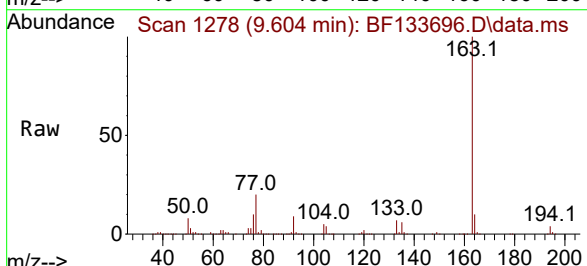
Tgt Ion:163 Resp: 458321

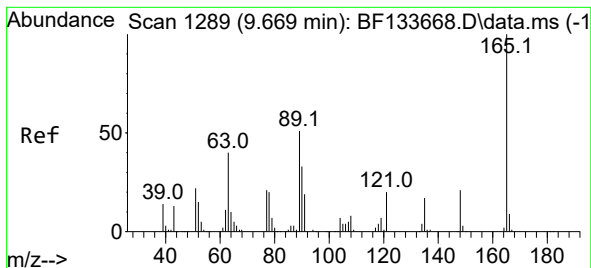
Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

164 9.8 8.0 12.0

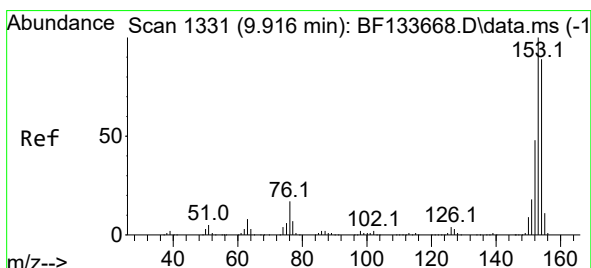
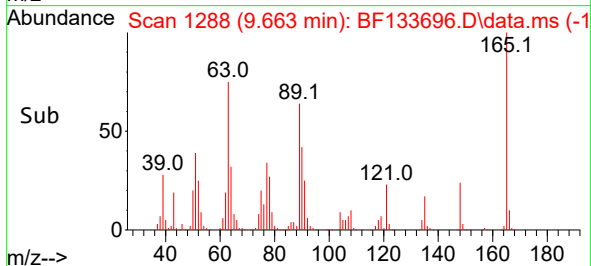
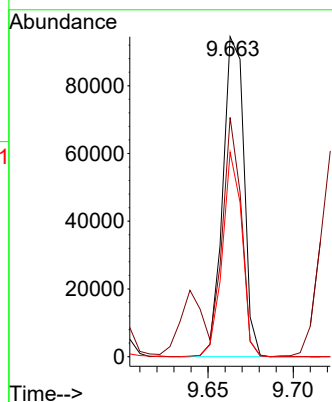
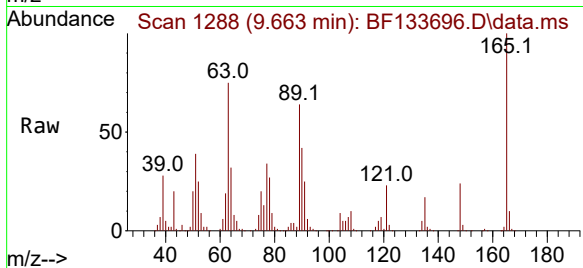




#51
2,6-Dinitrotoluene
Concen: 37.228 ng
RT: 9.663 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF133696.D
Acq: 10 Jun 2023 03:02

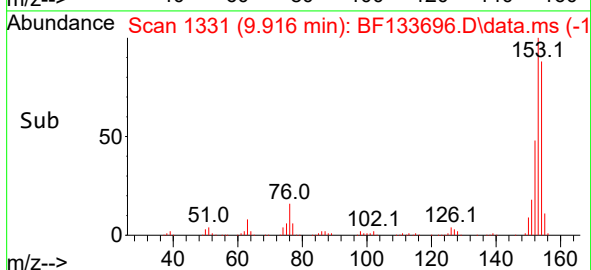
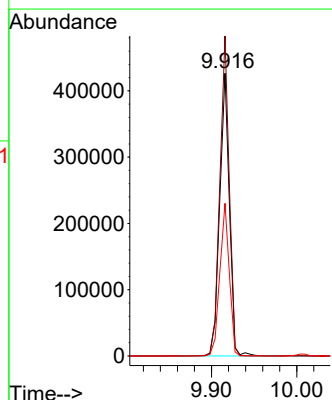
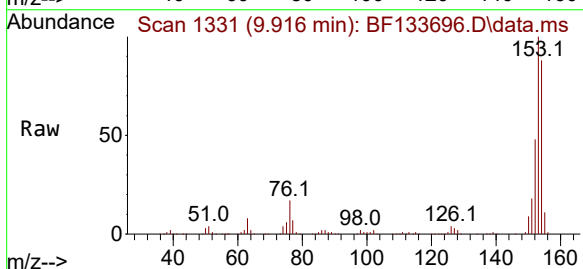
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

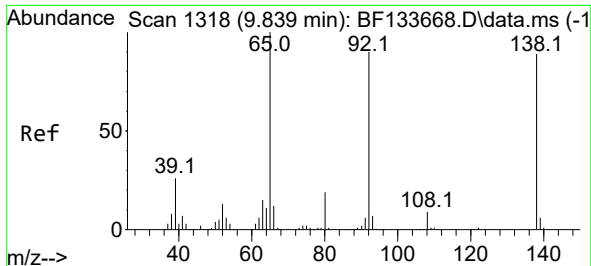
Tgt Ion:165 Resp: 81626
Ion Ratio Lower Upper
165 100
63 74.8 42.1 63.1#
89 63.9 40.9 61.3#



#52
Acenaphthene
Concen: 40.030 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF133696.D
Acq: 10 Jun 2023 03:02

Tgt Ion:154 Resp: 335763
Ion Ratio Lower Upper
154 100
153 113.2 89.8 134.8
152 54.0 43.4 65.2

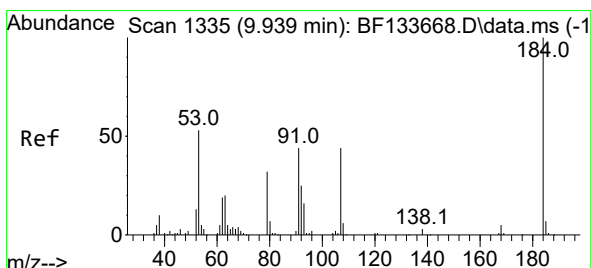
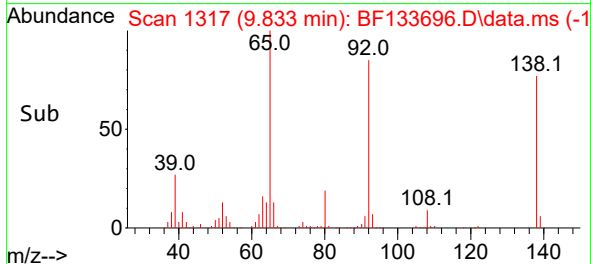
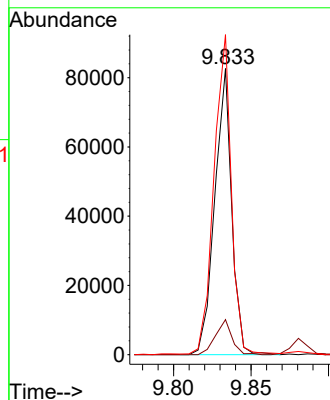
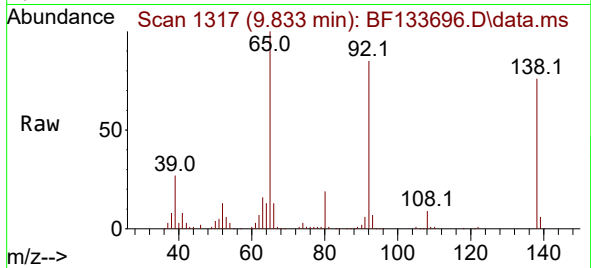




#53
3-Nitroaniline
Concen: 23.545 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133696.D
Acq: 10 Jun 2023 03:02

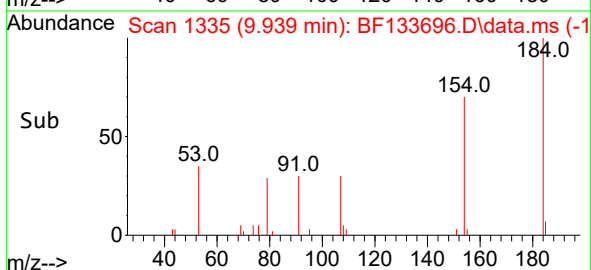
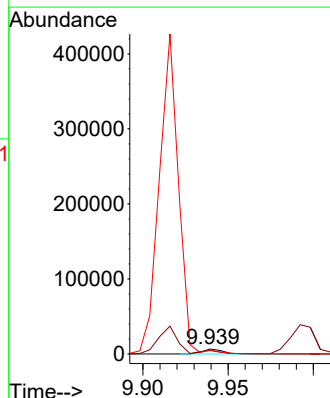
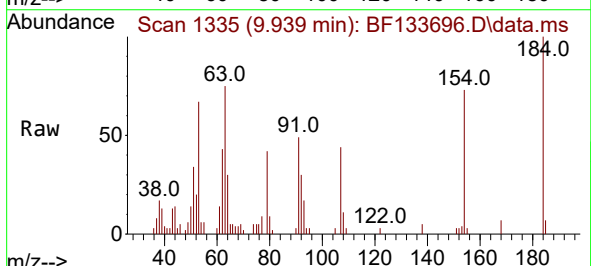
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

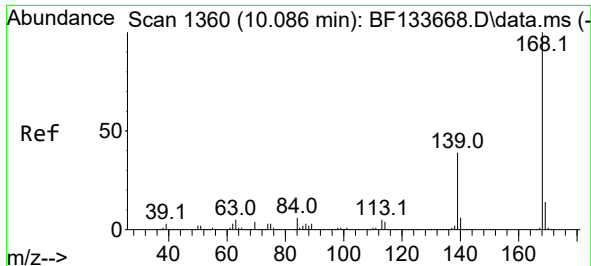
Tgt Ion:138 Resp: 62823
Ion Ratio Lower Upper
138 100
108 12.3 8.2 12.4
92 111.8 81.0 121.6



#54
2,4-Dinitrophenol
Concen: 10.512 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF133696.D
Acq: 10 Jun 2023 03:02

Tgt Ion:184 Resp: 5533
Ion Ratio Lower Upper
184 100
63 75.2 55.3 82.9
154 73.1 51.9 77.9

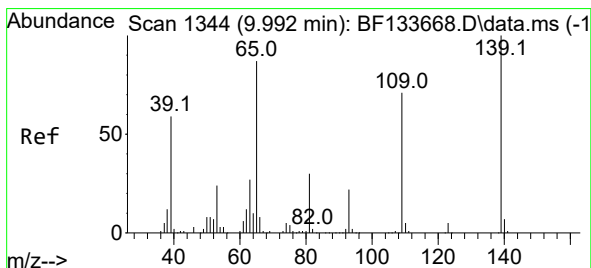
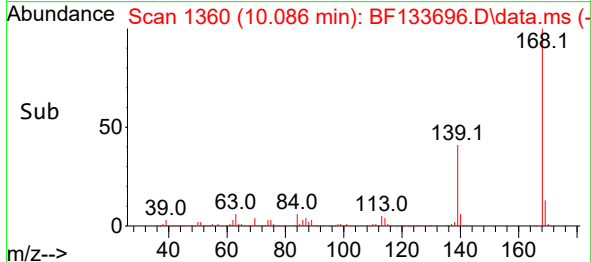
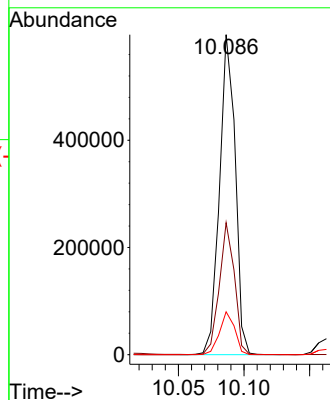
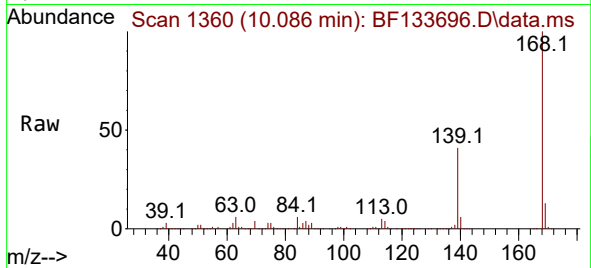




#55
Dibenzofuran
Concen: 38.694 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133696.D
Acq: 10 Jun 2023 03:02

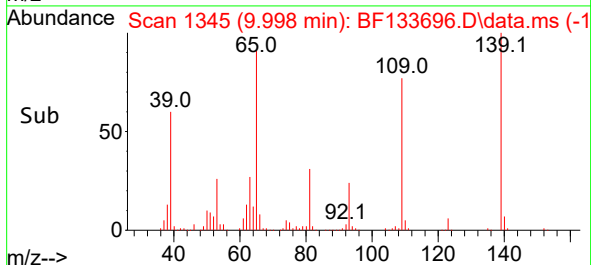
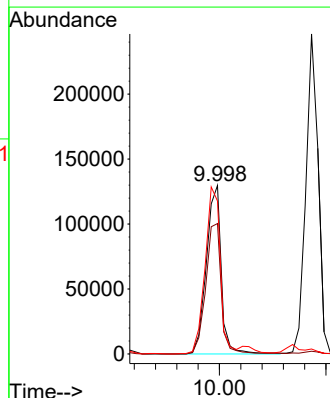
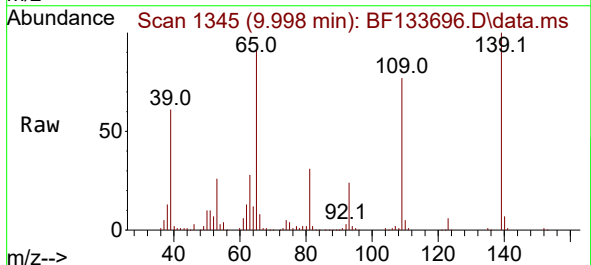
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

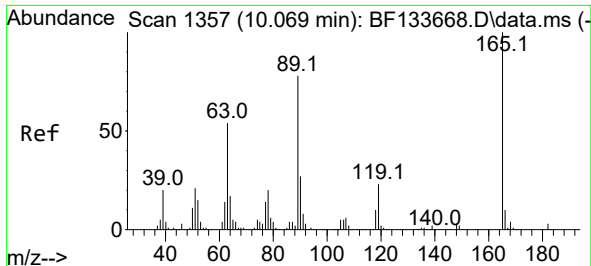
Tgt Ion:168 Resp: 495240
Ion Ratio Lower Upper
168 100
139 41.3 30.9 46.3
169 13.4 10.9 16.3



#56
4-Nitrophenol
Concen: 70.235 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.006 min
Lab File: BF133696.D
Acq: 10 Jun 2023 03:02

Tgt Ion:139 Resp: 126476
Ion Ratio Lower Upper
139 100
109 77.3 50.7 90.7
65 90.7 67.1 107.1

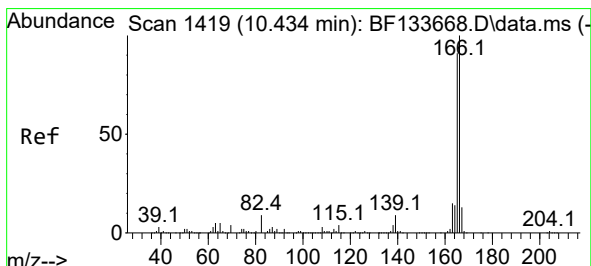
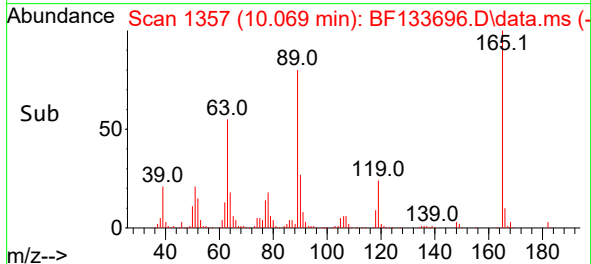
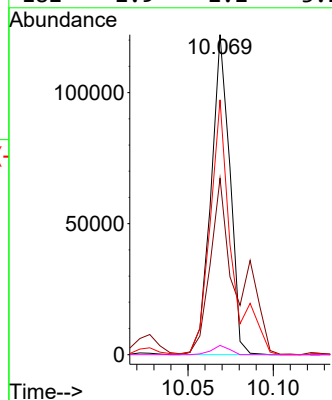
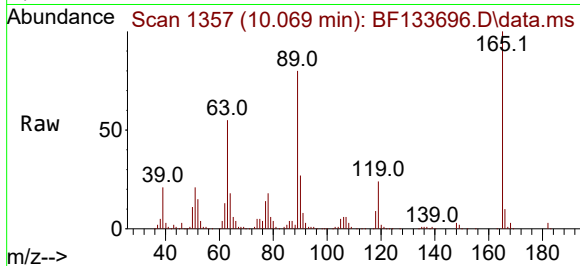




#57
2,4-Dinitrotoluene
Concen: 33.675 ng
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133696.D
Acq: 10 Jun 2023 03:02

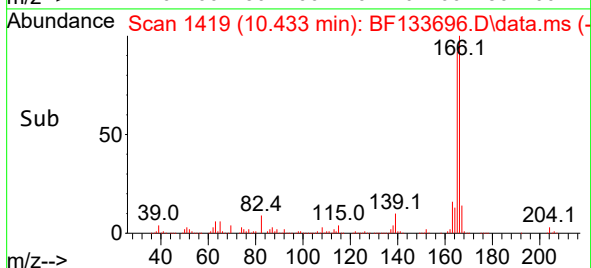
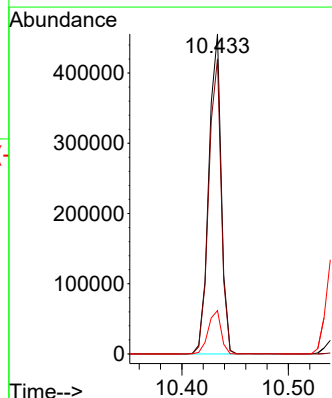
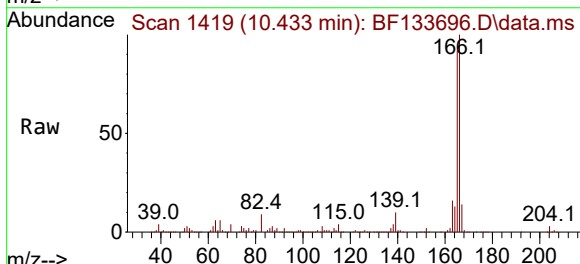
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

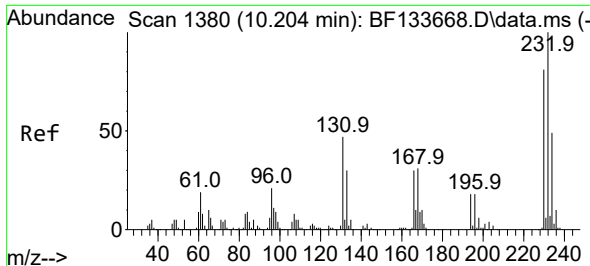
Tgt Ion:	165	Resp:	93905
Ion	Ratio	Lower	Upper
165	100		
63	55.2	43.0	64.6
89	79.7	62.6	93.8
182	2.9	2.2	3.2



#58
Fluorene
Concen: 37.825 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF133696.D
Acq: 10 Jun 2023 03:02

Tgt Ion:	166	Resp:	370215
Ion	Ratio	Lower	Upper
166	100		
165	92.2	73.1	109.7
167	13.6	10.5	15.7

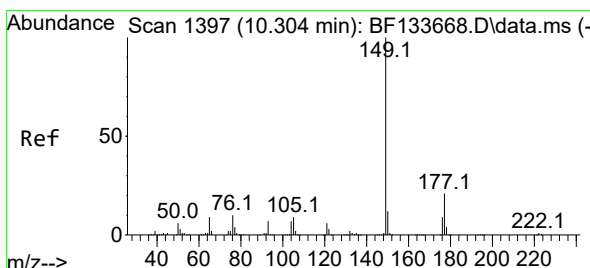
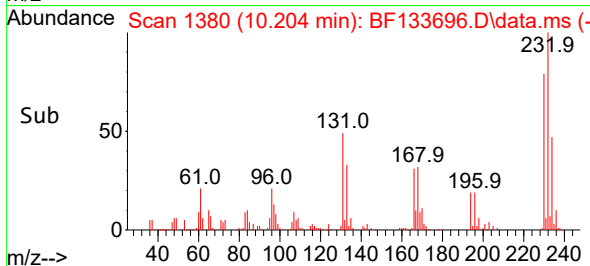
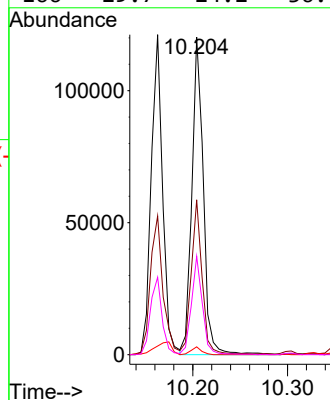
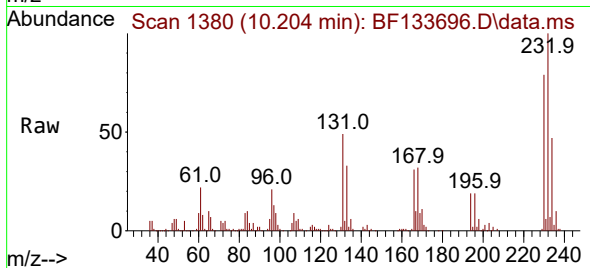




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.388 ng
RT: 10.204 min Scan# 1380
Delta R.T. -0.000 min
Lab File: BF133696.D
Acq: 10 Jun 2023 03:02

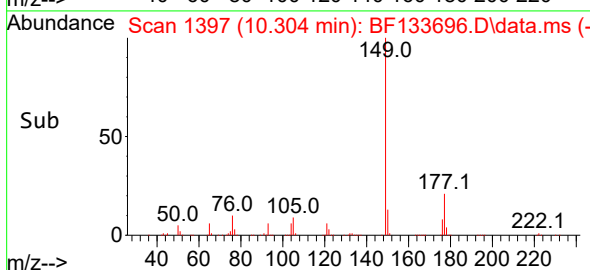
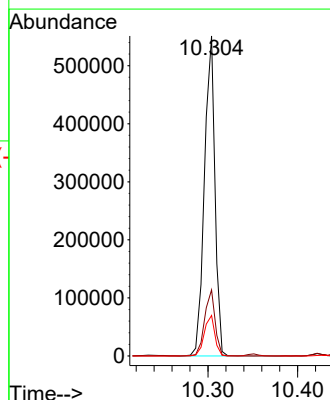
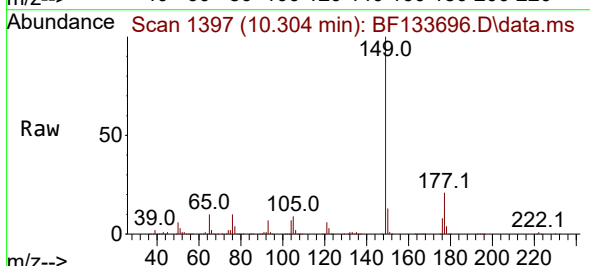
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

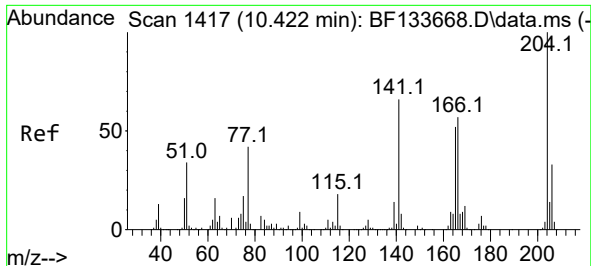
Tgt Ion:232 Resp: 101703
Ion Ratio Lower Upper
232 100
131 45.8 38.0 57.0
130 2.2 1.8 2.8
166 29.7 24.2 36.4



#60
Diethylphthalate
Concen: 41.536 ng
RT: 10.304 min Scan# 1397
Delta R.T. -0.000 min
Lab File: BF133696.D
Acq: 10 Jun 2023 03:02

Tgt Ion:149 Resp: 449057
Ion Ratio Lower Upper
149 100
177 20.6 17.0 25.6
150 12.6 10.0 15.0

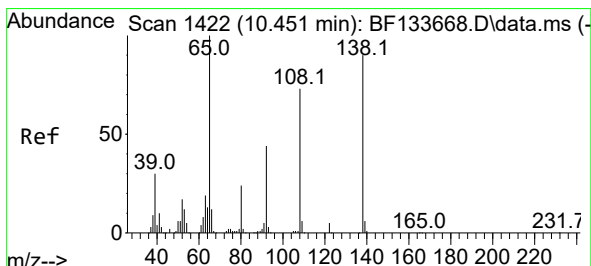
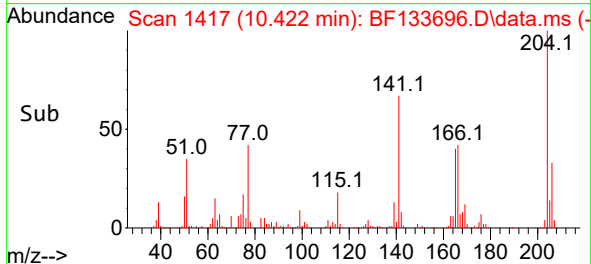
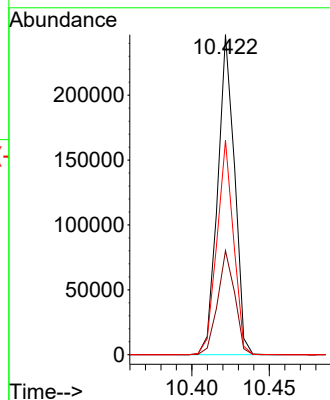
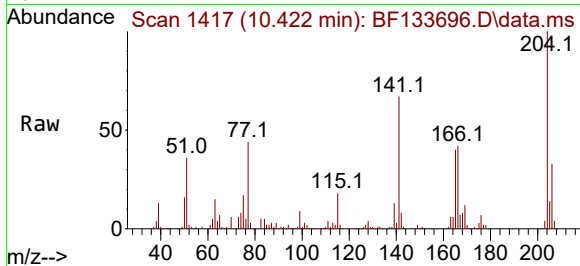




#61
4-Chlorophenyl-phenylether
Concen: 38.556 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF133696.D
Acq: 10 Jun 2023 03:02

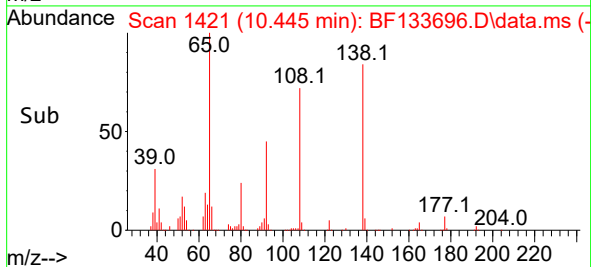
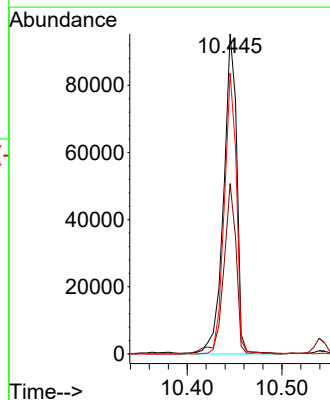
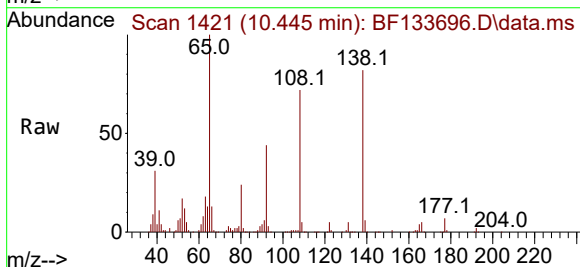
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

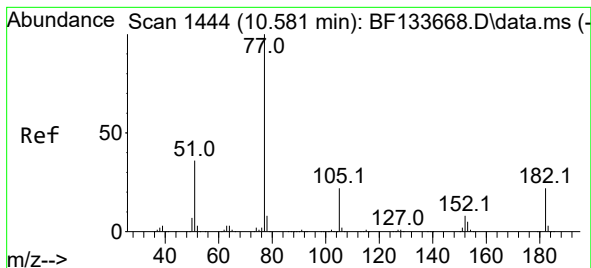
Tgt Ion:204 Resp: 186297
Ion Ratio Lower Upper
204 100
206 32.5 26.4 39.6
141 67.0 52.8 79.2



#62
4-Nitroaniline
Concen: 35.393 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF133696.D
Acq: 10 Jun 2023 03:02

Tgt Ion:138 Resp: 92592
Ion Ratio Lower Upper
138 100
92 53.3 28.9 68.9
108 87.8 61.0 101.0





#63

Azobenzene

Concen: 36.173 ng

RT: 10.580 min Scan# 1444

Delta R.T. -0.001 min

Lab File: BF133696.D

Acq: 10 Jun 2023 03:02

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tgt Ion: 77 Resp: 370215

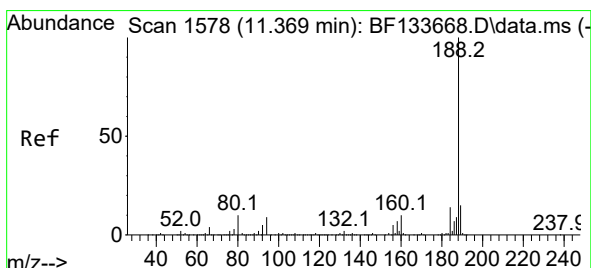
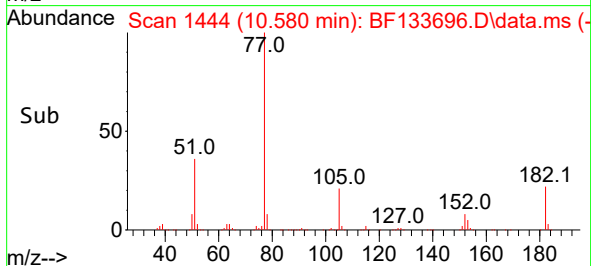
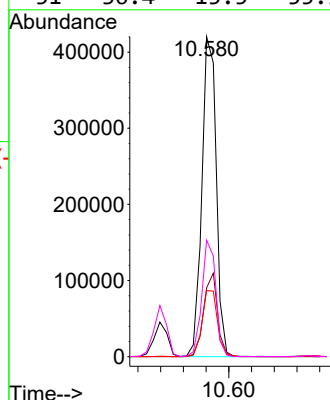
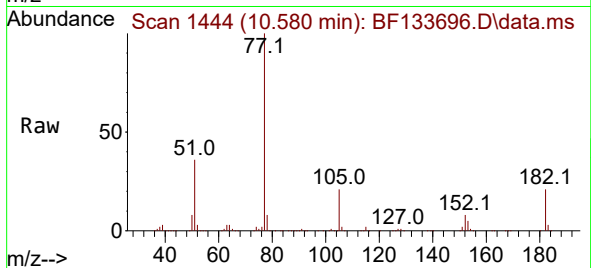
Ion Ratio Lower Upper

77 100

182 21.5 1.6 41.6

105 20.7 1.6 41.6

51 36.4 15.5 55.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1578

Delta R.T. -0.000 min

Lab File: BF133696.D

Acq: 10 Jun 2023 03:02

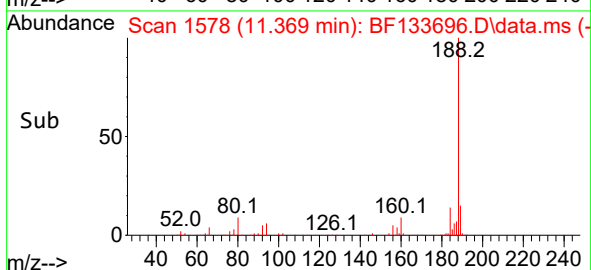
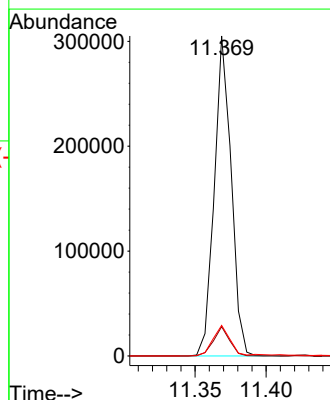
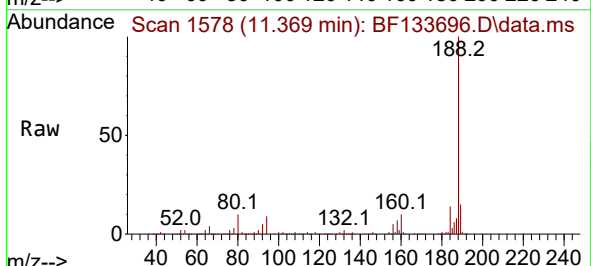
Tgt Ion:188 Resp: 252607

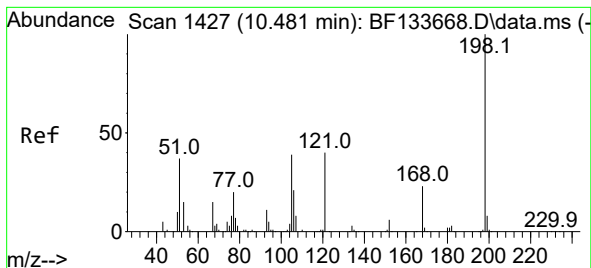
Ion Ratio Lower Upper

188 100

94 9.2 6.8 10.2

80 9.6 7.8 11.6

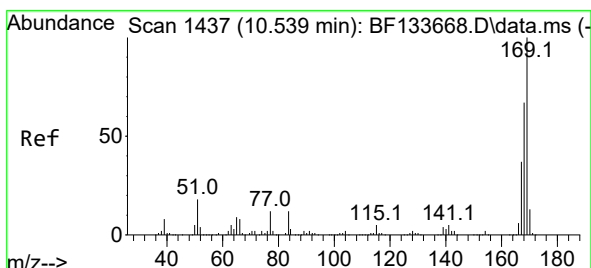
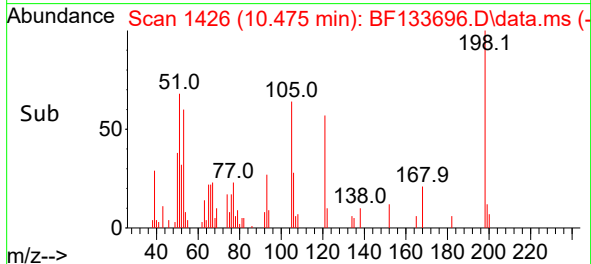
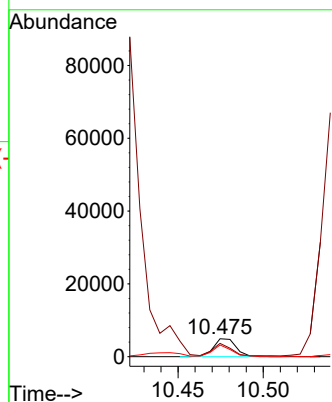
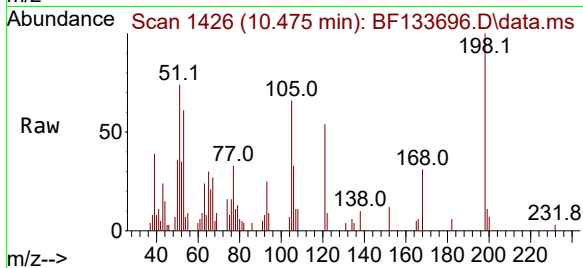




#65
4,6-Dinitro-2-methylphenol
Concen: 3.774 ng
RT: 10.475 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF133696.D
Acq: 10 Jun 2023 03:02

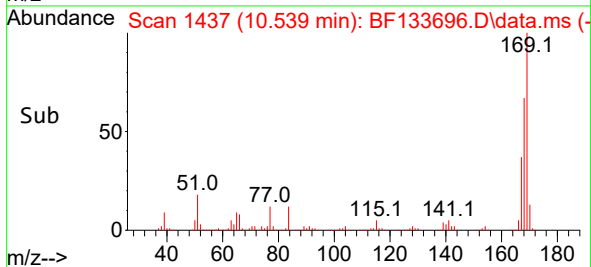
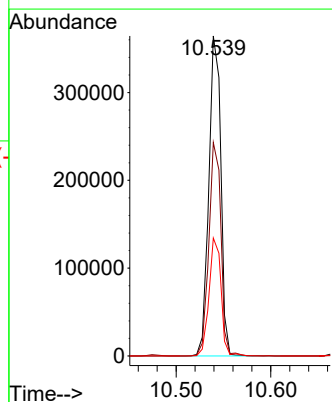
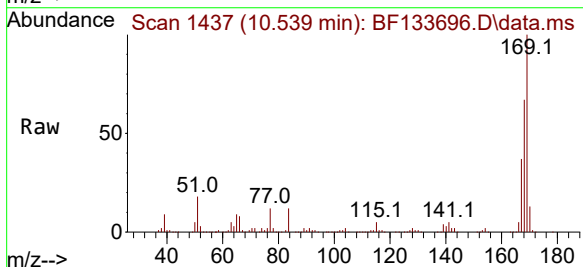
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

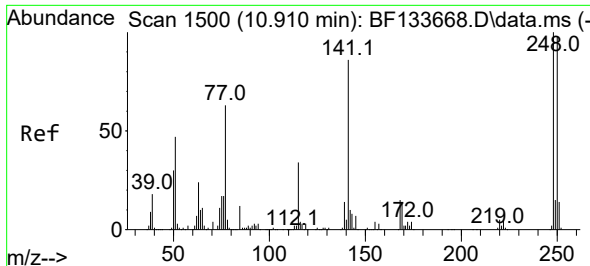
Tgt Ion:198 Resp: 4556
Ion Ratio Lower Upper
198 100
51 74.1 27.5 67.5#
105 65.5 21.0 61.0#



#66
n-Nitrosodiphenylamine
Concen: 37.752 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.000 min
Lab File: BF133696.D
Acq: 10 Jun 2023 03:02

Tgt Ion:169 Resp: 320328
Ion Ratio Lower Upper
169 100
168 66.7 53.7 80.5
167 36.8 29.8 44.8

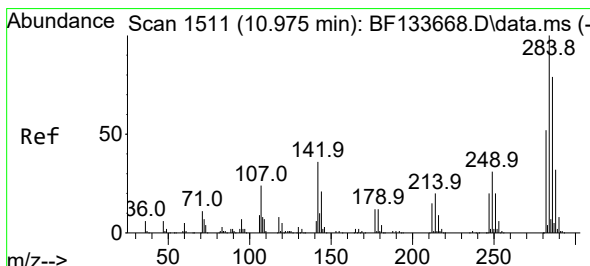
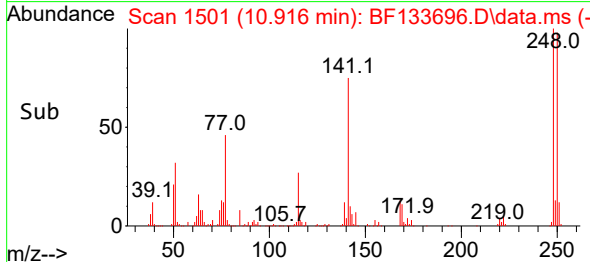
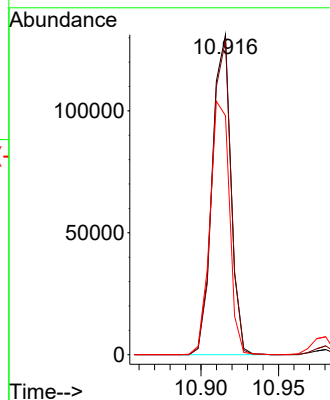
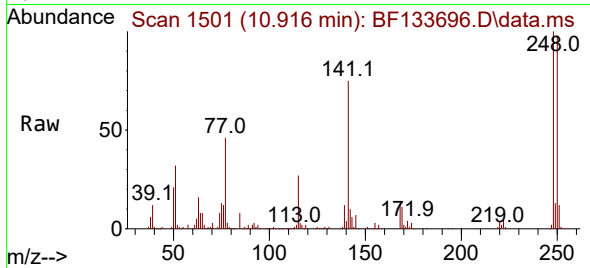




#67
4-Bromophenyl-phenylether
Concen: 39.174 ng
RT: 10.916 min Scan# 1500
Delta R.T. 0.006 min
Lab File: BF133696.D
Acq: 10 Jun 2023 03:02

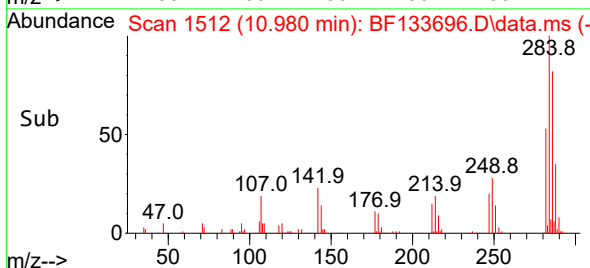
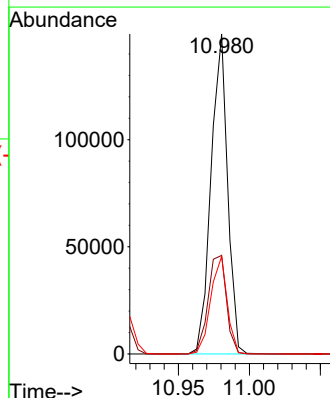
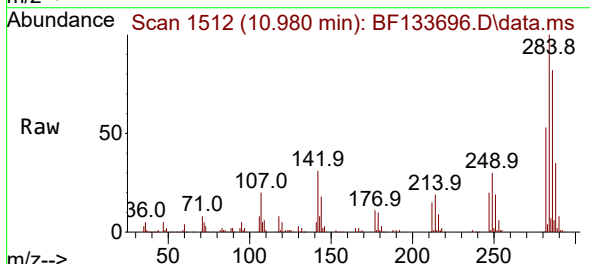
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

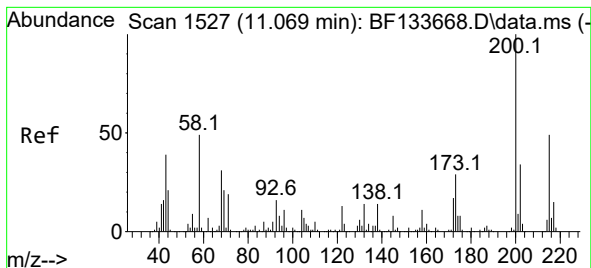
Tgt Ion:248 Resp: 110448
Ion Ratio Lower Upper
248 100
250 98.2 78.3 117.5
141 74.7 69.0 103.6



#68
Hexachlorobenzene
Concen: 40.877 ng
RT: 10.980 min Scan# 1512
Delta R.T. 0.006 min
Lab File: BF133696.D
Acq: 10 Jun 2023 03:02

Tgt Ion:284 Resp: 121193
Ion Ratio Lower Upper
284 100
142 30.8 28.6 42.8
249 30.5 24.6 36.8





#69

Atrazine

Concen: 34.754 ng

RT: 11.069 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133696.D

Acq: 10 Jun 2023 03:02

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

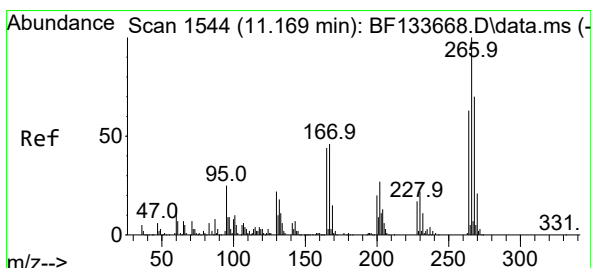
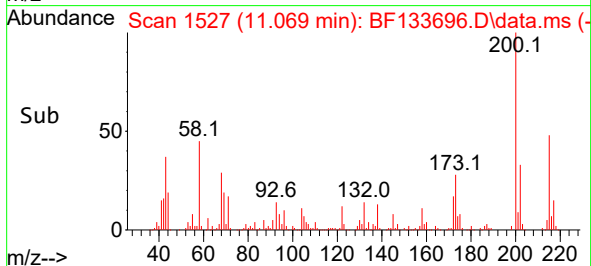
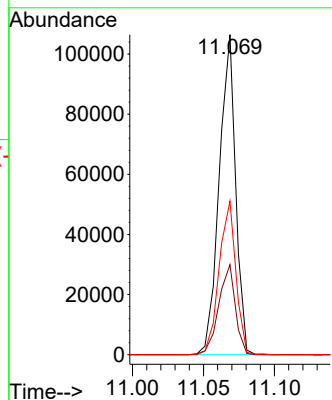
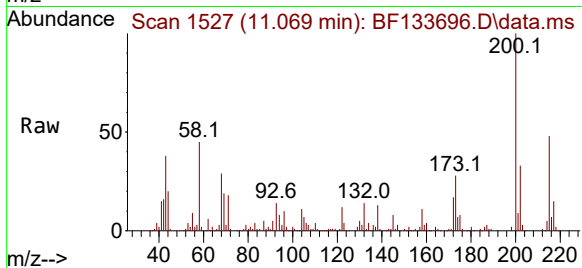
Tgt Ion:200 Resp: 85563

Ion Ratio Lower Upper

200 100

173 28.1 8.7 48.7

215 48.0 29.0 69.0



#70

Pentachlorophenol

Concen: 65.839 ng

RT: 11.175 min Scan# 1545

Delta R.T. 0.006 min

Lab File: BF133696.D

Acq: 10 Jun 2023 03:02

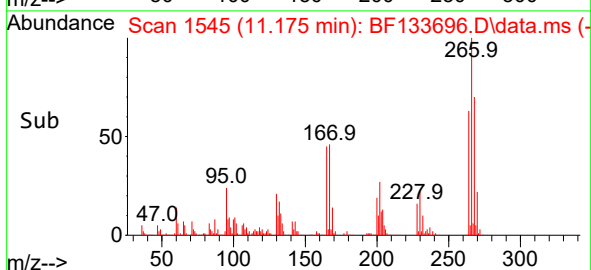
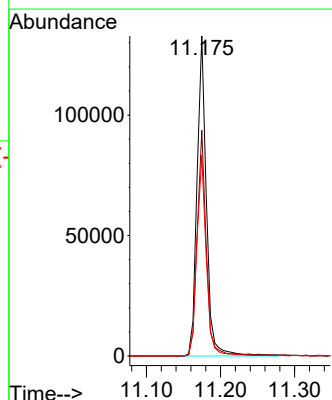
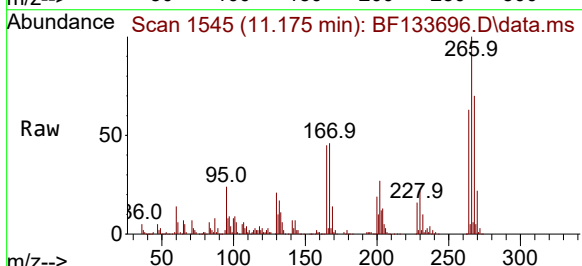
Tgt Ion:266 Resp: 116889

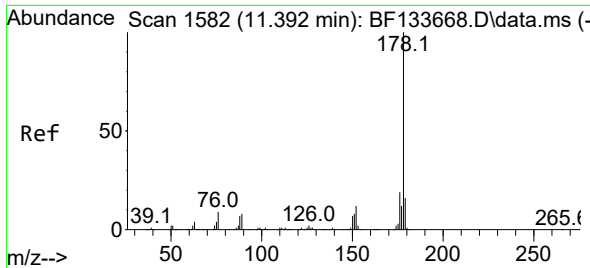
Ion Ratio Lower Upper

266 100

268 70.5 55.7 83.5

264 62.8 50.7 76.1

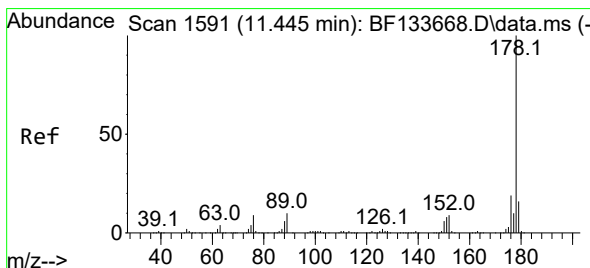
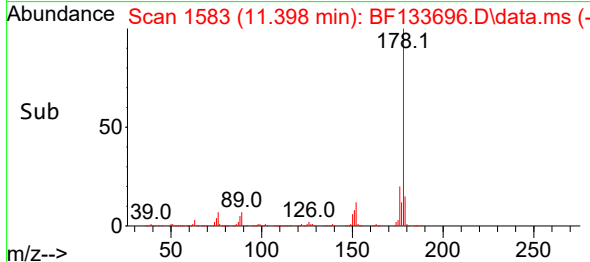
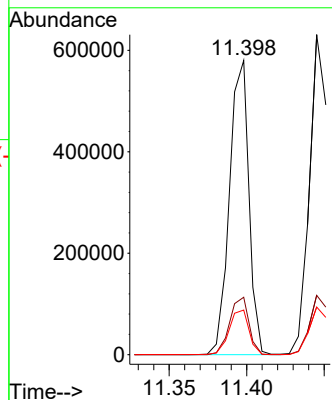
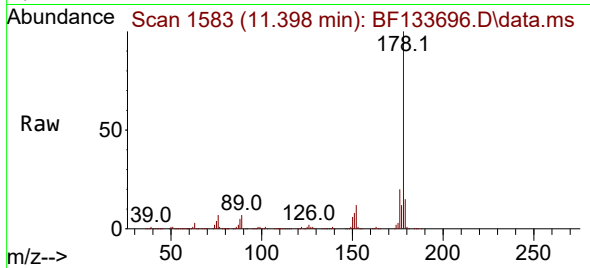




#71
Phenanthrene
Concen: 39.467 ng
RT: 11.398 min Scan# 1582
Delta R.T. 0.006 min
Lab File: BF133696.D
Acq: 10 Jun 2023 03:02

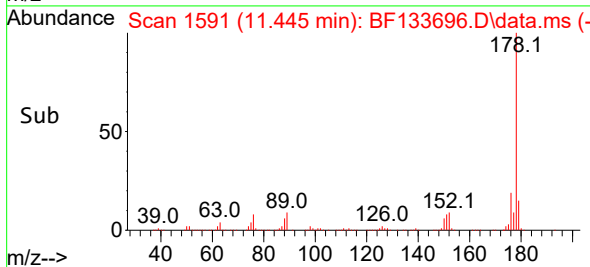
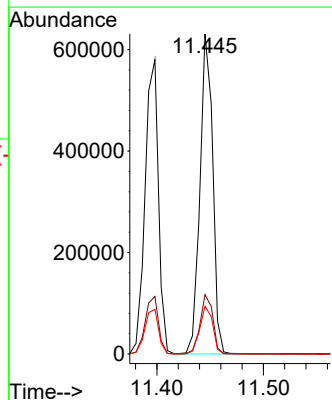
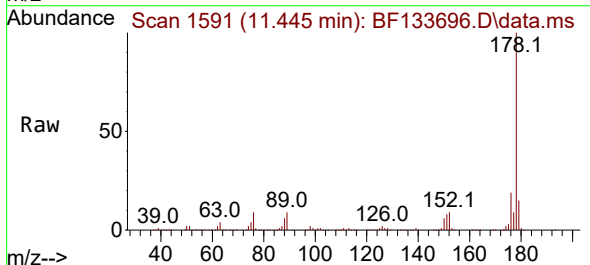
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

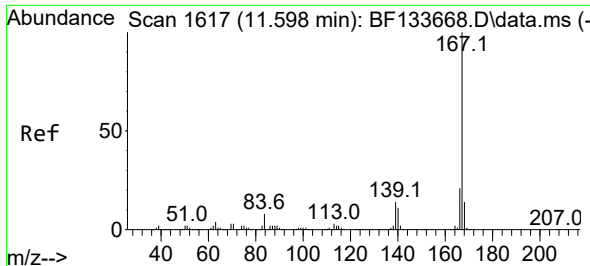
Tgt Ion:178 Resp: 505814
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.2 12.4 18.6



#72
Anthracene
Concen: 39.423 ng
RT: 11.445 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BF133696.D
Acq: 10 Jun 2023 03:02

Tgt Ion:178 Resp: 526819
Ion Ratio Lower Upper
178 100
176 18.6 15.1 22.7
179 14.9 12.6 18.8

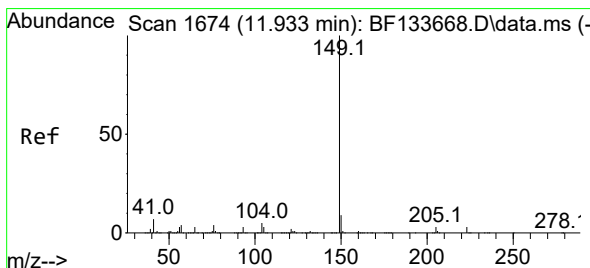
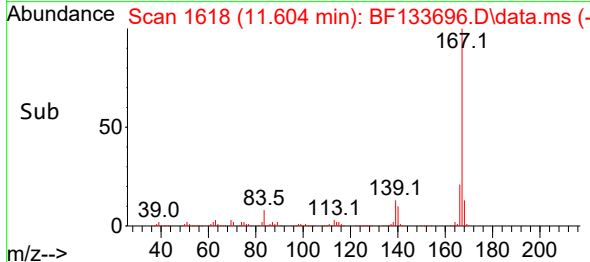
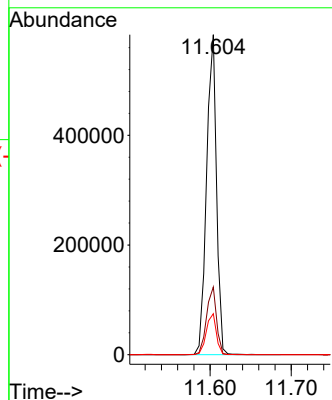
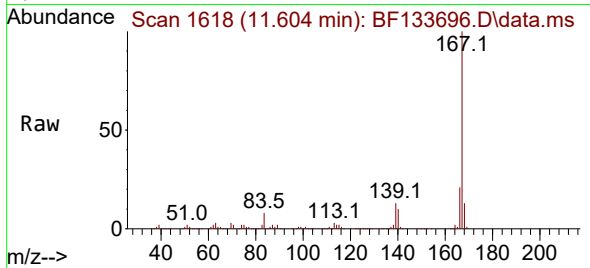




#73
 Carbazole
 Concen: 39.656 ng
 RT: 11.604 min Scan# 1618
 Delta R.T. 0.006 min
 Lab File: BF133696.D
 Acq: 10 Jun 2023 03:02

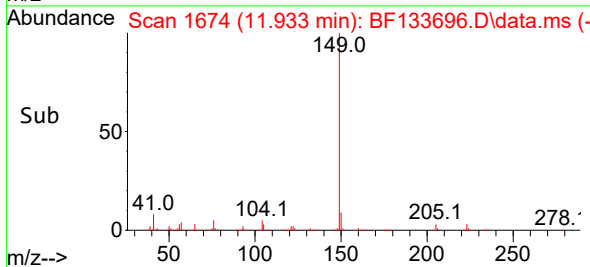
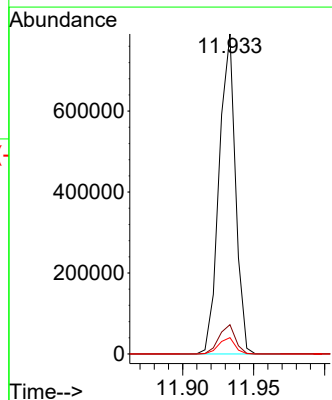
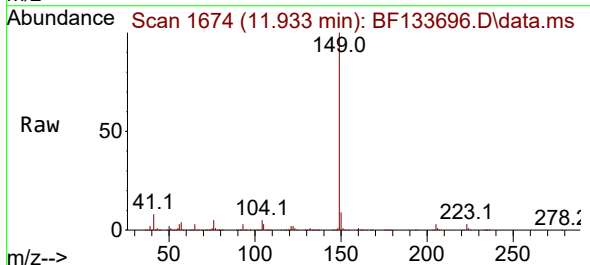
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

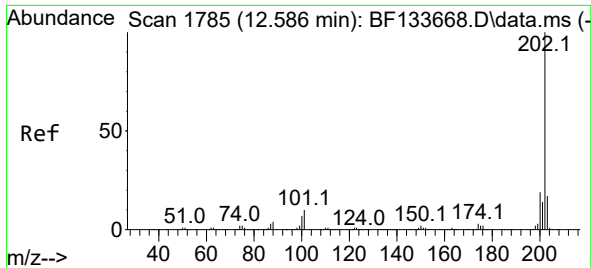
Tgt Ion:167 Resp: 493557
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.0 25.6
 139 12.8 11.2 16.8



#74
 Di-n-butylphthalate
 Concen: 39.704 ng
 RT: 11.933 min Scan# 1674
 Delta R.T. 0.000 min
 Lab File: BF133696.D
 Acq: 10 Jun 2023 03:02

Tgt Ion:149 Resp: 633507
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 5.1 3.8 5.8

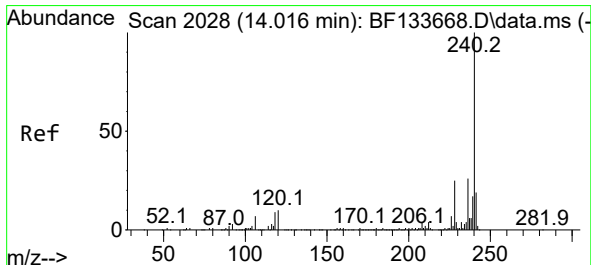
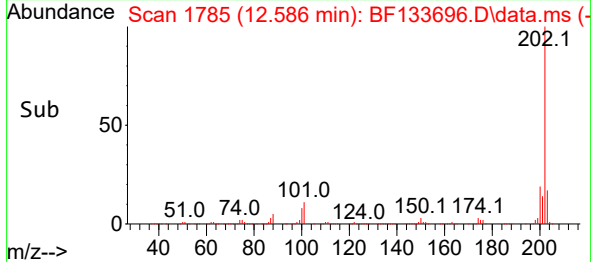
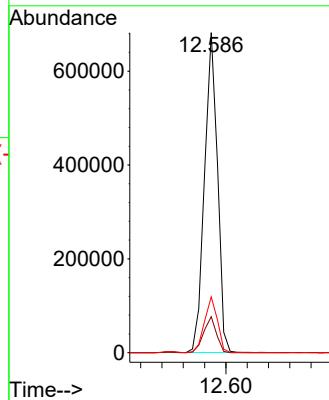
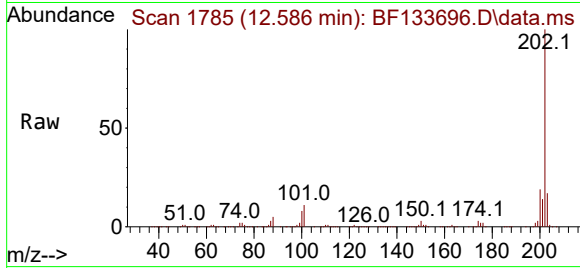




#75
Fluoranthene
Concen: 42.475 ng
RT: 12.586 min Scan# 1785
Delta R.T. -0.000 min
Lab File: BF133696.D
Acq: 10 Jun 2023 03:02

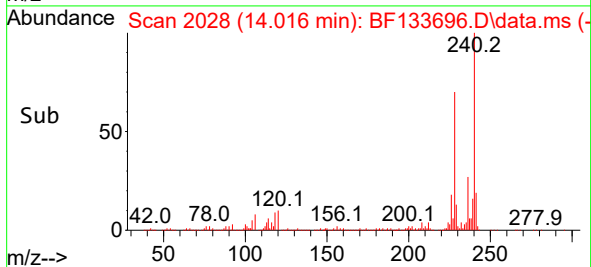
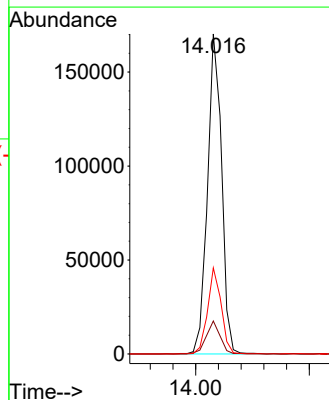
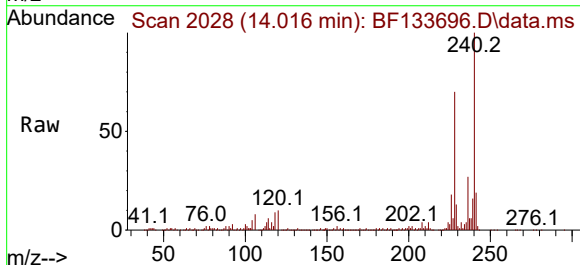
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

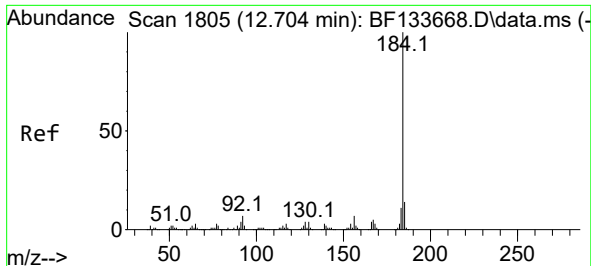
Tgt Ion:202 Resp: 578077
Ion Ratio Lower Upper
202 100
101 11.3 0.0 29.6
203 17.5 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF133696.D
Acq: 10 Jun 2023 03:02

Tgt Ion:240 Resp: 146291
Ion Ratio Lower Upper
240 100
120 10.3 8.1 12.1
236 26.9 20.5 30.7

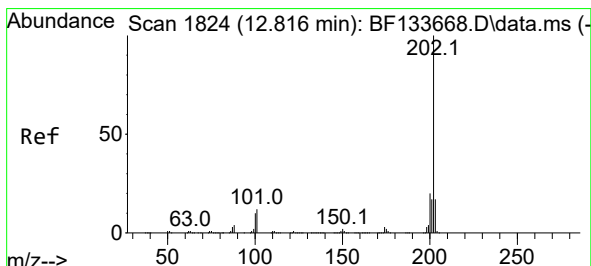
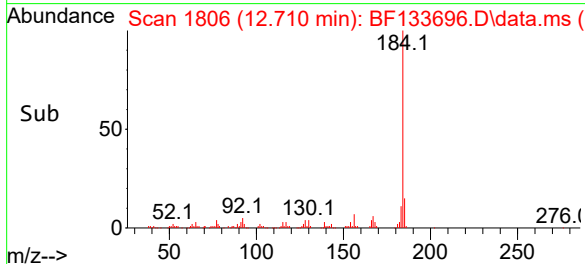
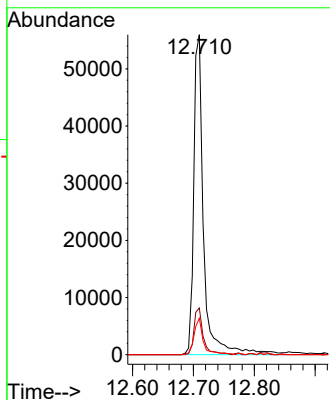
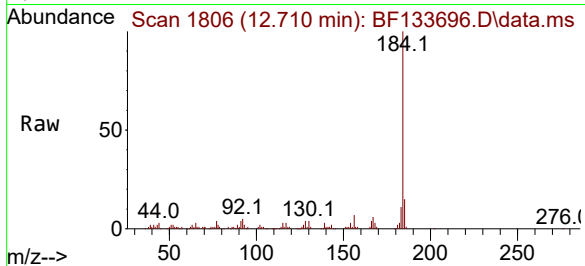




#77
Benzidine
Concen: 12.825 ng
RT: 12.710 min Scan# 1806
Delta R.T. 0.006 min
Lab File: BF133696.D
Acq: 10 Jun 2023 03:02

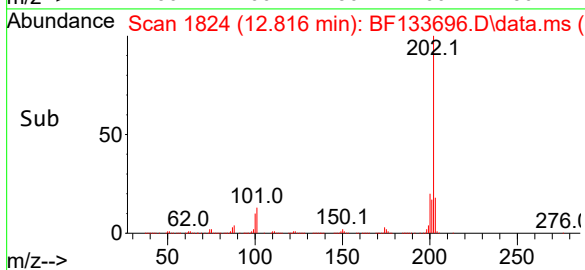
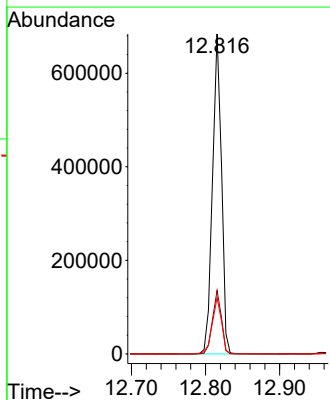
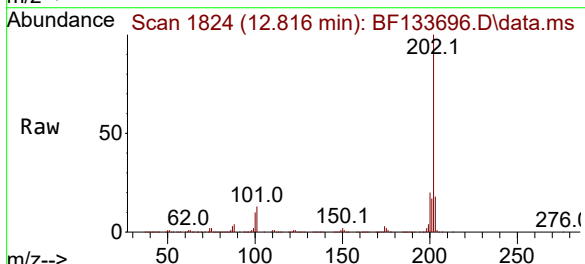
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

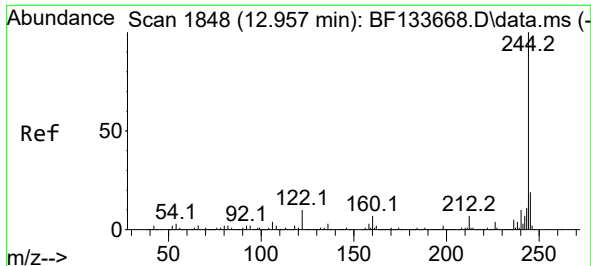
Tgt Ion:184 Resp: 62959
Ion Ratio Lower Upper
184 100
185 14.6 11.6 17.4
183 11.4 8.4 12.6



#78
Pyrene
Concen: 42.279 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF133696.D
Acq: 10 Jun 2023 03:02

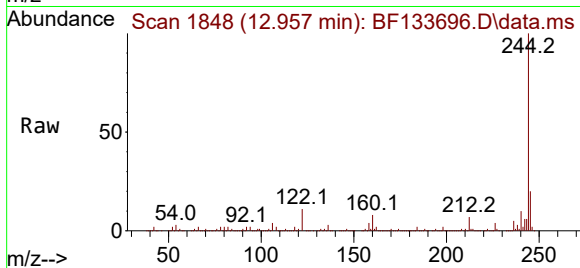
Tgt Ion:202 Resp: 576164
Ion Ratio Lower Upper
202 100
200 19.9 16.2 24.2
203 17.6 13.9 20.9





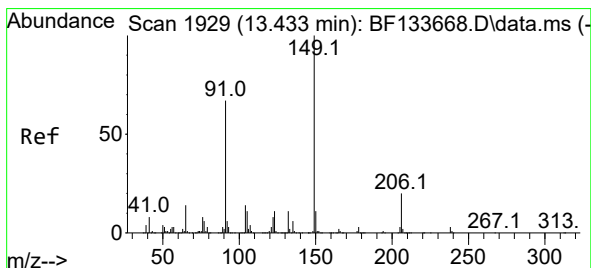
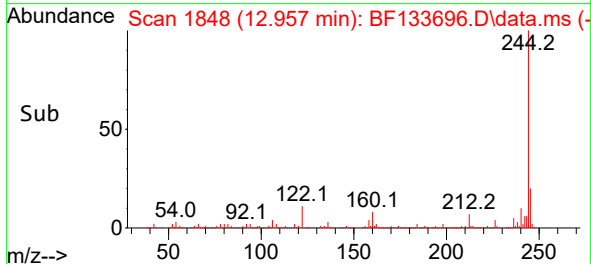
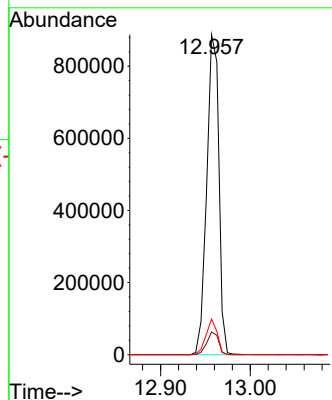
#79
 Terphenyl-d14
 Concen: 88.180 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.000 min
 Lab File: BF133696.D
 Acq: 10 Jun 2023 03:02

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD



Tgt Ion:244 Resp: 833683

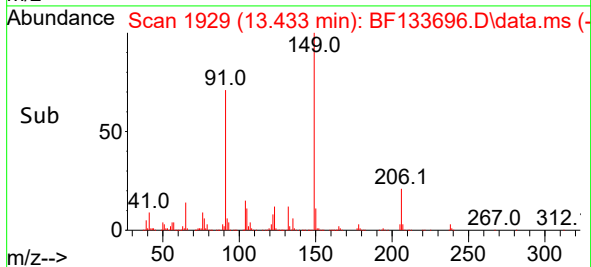
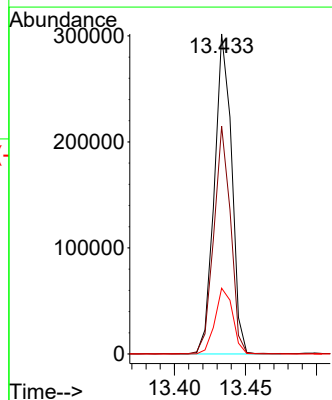
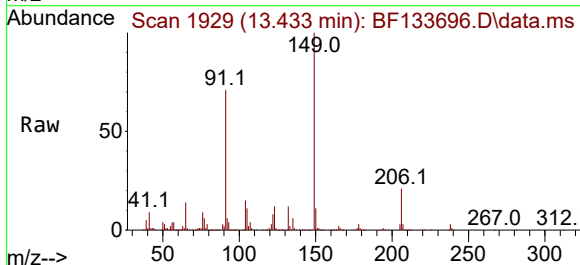
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.2
122	11.1	8.1	12.1

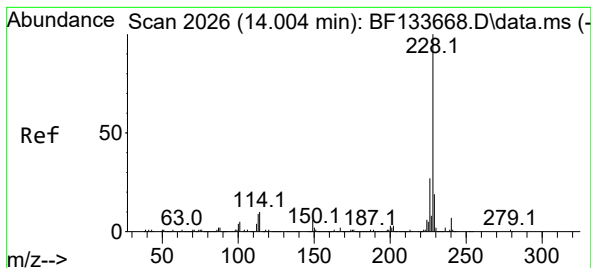


#80
 Butylbenzylphthalate
 Concen: 44.368 ng
 RT: 13.433 min Scan# 1929
 Delta R.T. -0.000 min
 Lab File: BF133696.D
 Acq: 10 Jun 2023 03:02

Tgt Ion:149 Resp: 255255

Ion	Ratio	Lower	Upper
149	100		
91	71.2	54.0	81.0
206	20.6	15.6	23.4





#81

Benzo(a)anthracene

Concen: 39.723 ng

RT: 14.004 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF133696.D

Acq: 10 Jun 2023 03:02

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

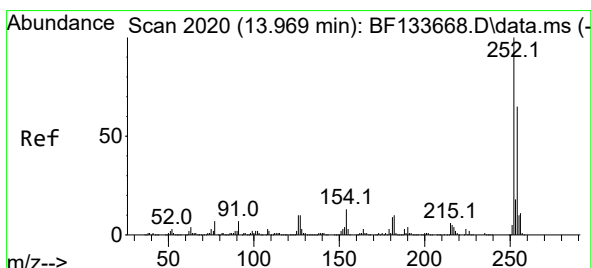
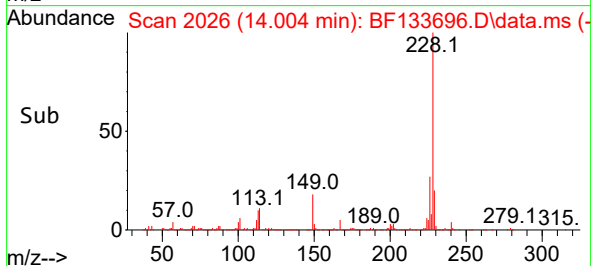
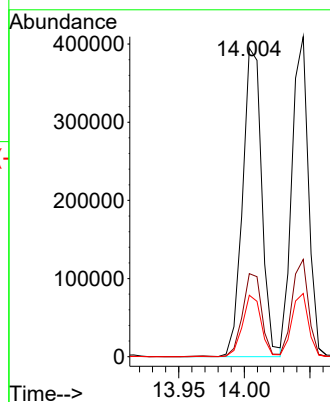
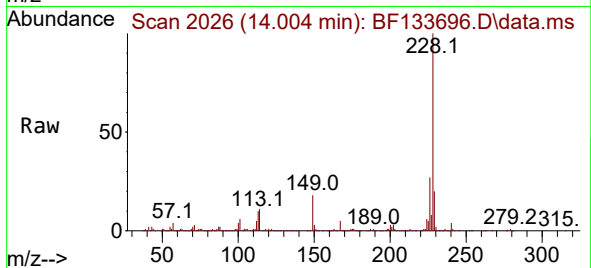
Tgt Ion:228 Resp: 401960

Ion Ratio Lower Upper

228 100

226 26.9 21.7 32.5

229 19.9 15.4 23.2



#82

3,3'-Dichlorobenzidine

Concen: 13.817 ng

RT: 13.969 min Scan# 2020

Delta R.T. -0.000 min

Lab File: BF133696.D

Acq: 10 Jun 2023 03:02

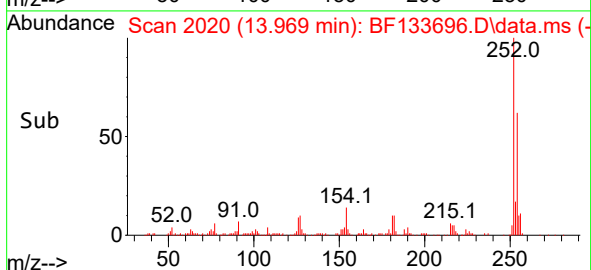
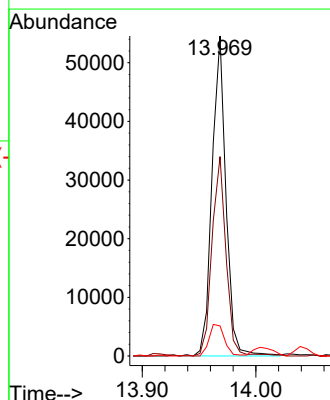
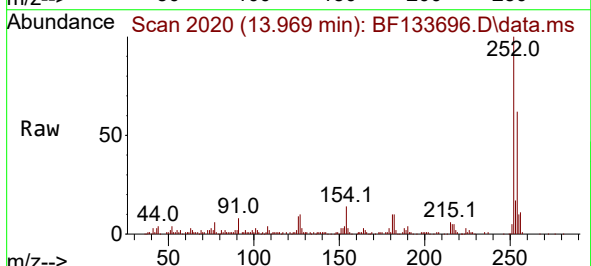
Tgt Ion:252 Resp: 46481

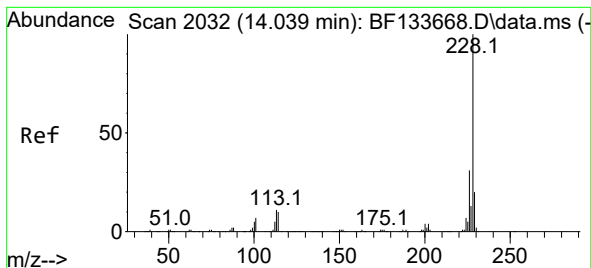
Ion Ratio Lower Upper

252 100

254 62.3 51.9 77.9

126 9.4 7.7 11.5





#83

Chrysene

Concen: 37.674 ng

RT: 14.045 min Scan# 2033

Delta R.T. 0.006 min

Lab File: BF133696.D

Acq: 10 Jun 2023 03:02

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

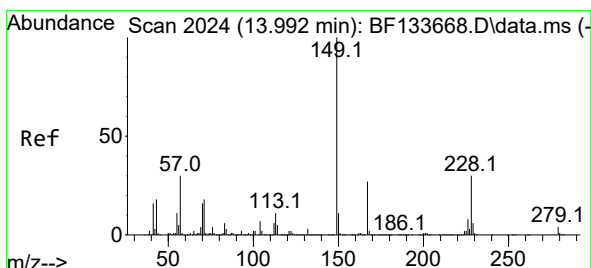
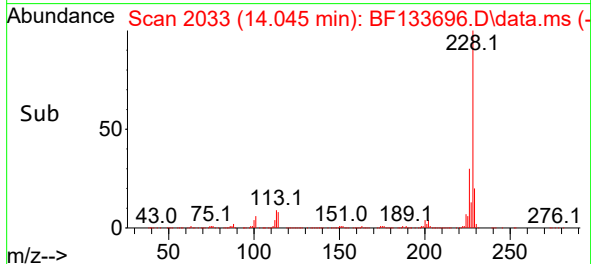
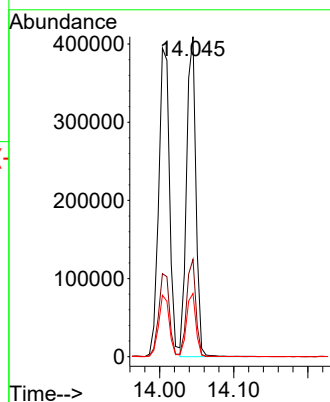
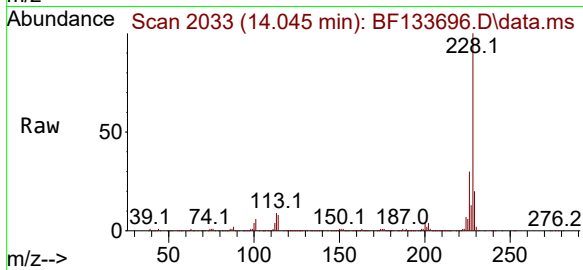
Tgt Ion:228 Resp: 360571

Ion Ratio Lower Upper

228 100

226 30.4 25.0 37.6

229 19.7 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.974 ng

RT: 13.992 min Scan# 2024

Delta R.T. -0.000 min

Lab File: BF133696.D

Acq: 10 Jun 2023 03:02

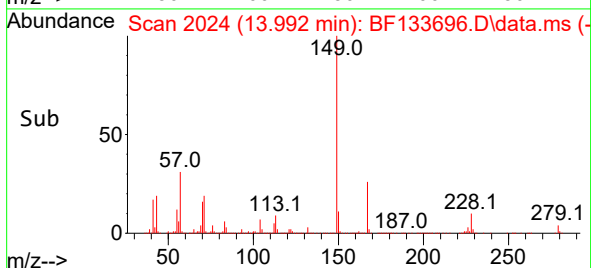
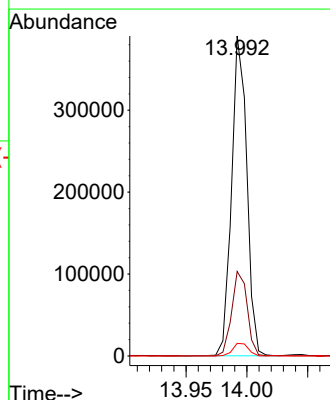
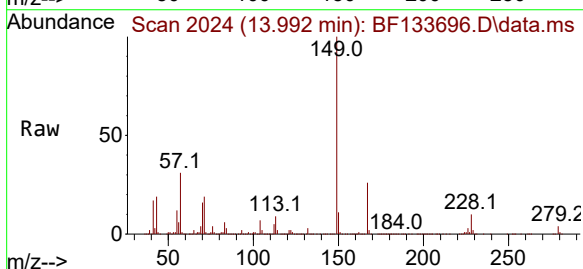
Tgt Ion:149 Resp: 339834

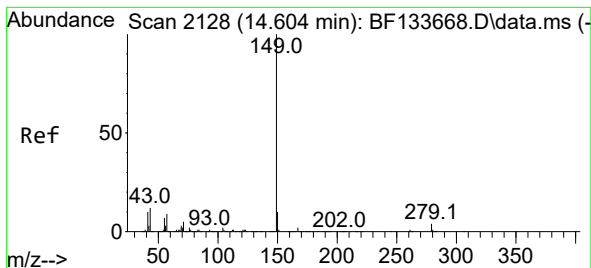
Ion Ratio Lower Upper

149 100

167 26.4 21.8 32.8

279 4.0 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 49.953 ng

RT: 14.610 min Scan# 2129

Delta R.T. 0.006 min

Lab File: BF133696.D

Acq: 10 Jun 2023 03:02

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

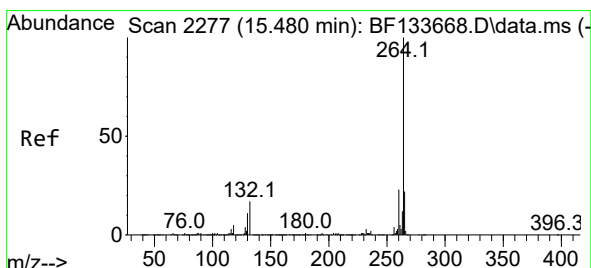
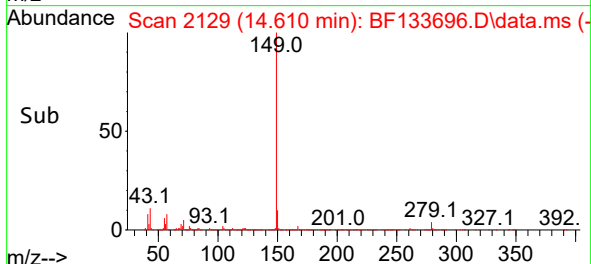
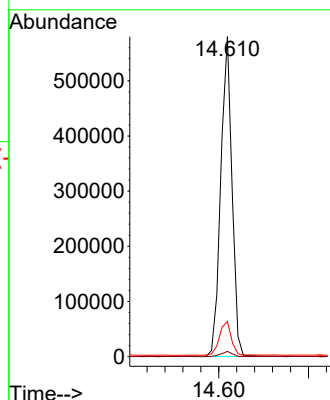
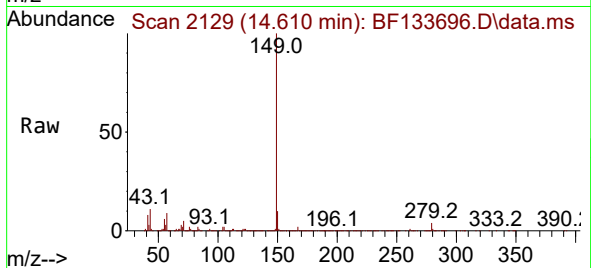
Tgt Ion:149 Resp: 502843

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

43 11.2 8.7 13.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.480 min Scan# 2277

Delta R.T. -0.000 min

Lab File: BF133696.D

Acq: 10 Jun 2023 03:02

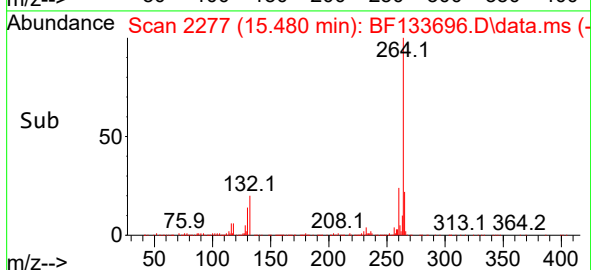
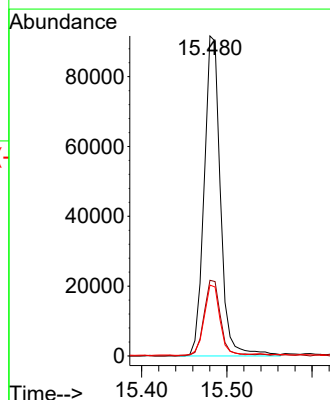
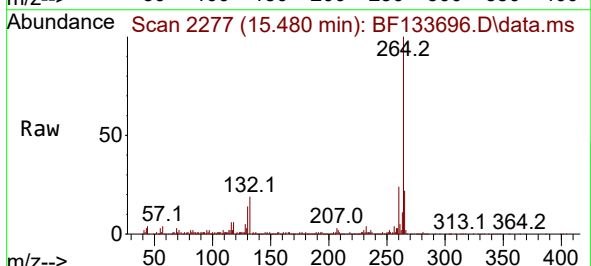
Tgt Ion:264 Resp: 121867

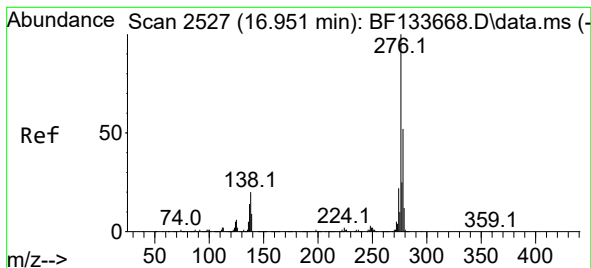
Ion Ratio Lower Upper

264 100

260 23.7 18.2 27.2

265 22.1 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 34.031 ng

RT: 16.951 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF133696.D

Acq: 10 Jun 2023 03:02

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

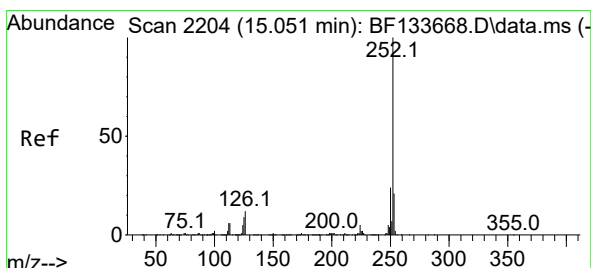
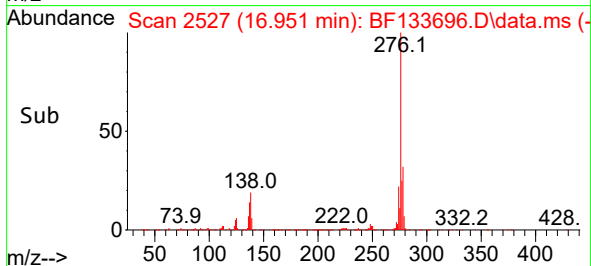
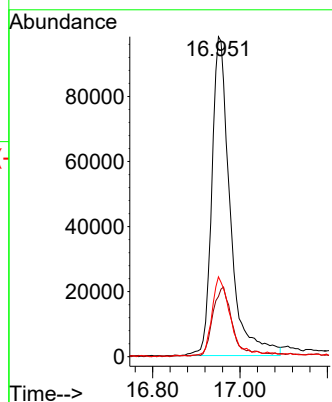
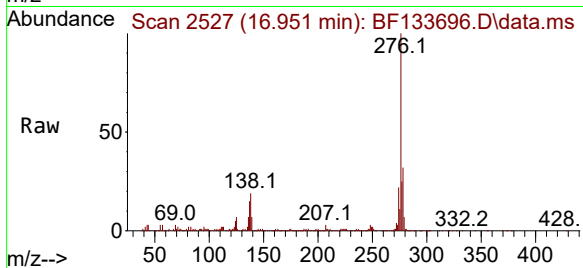
Tgt Ion:276 Resp: 285320

Ion Ratio Lower Upper

276 100

138 23.2 17.9 26.9

277 24.7 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 42.488 ng

RT: 15.057 min Scan# 2205

Delta R.T. 0.006 min

Lab File: BF133696.D

Acq: 10 Jun 2023 03:02

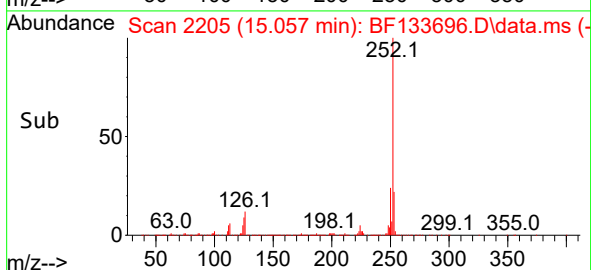
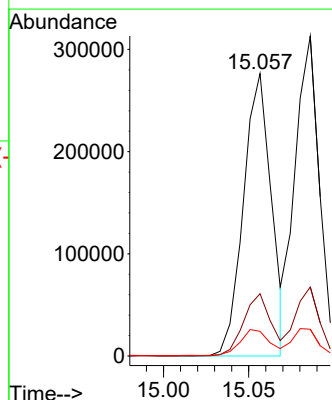
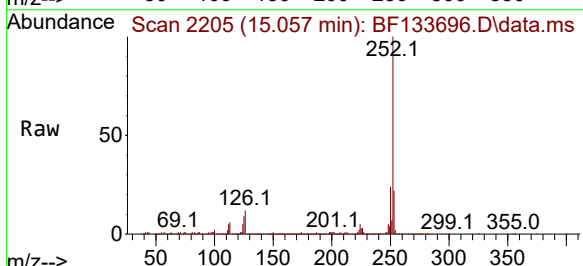
Tgt Ion:252 Resp: 314532

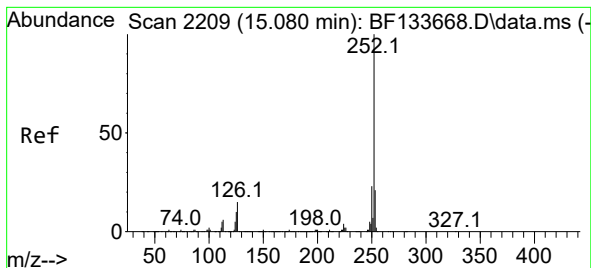
Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.6

125 8.7 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 44.074 ng

RT: 15.086 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF133696.D

Acq: 10 Jun 2023 03:02

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

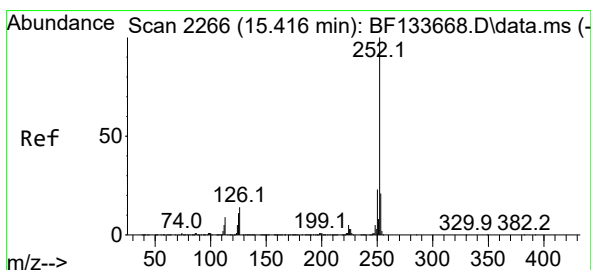
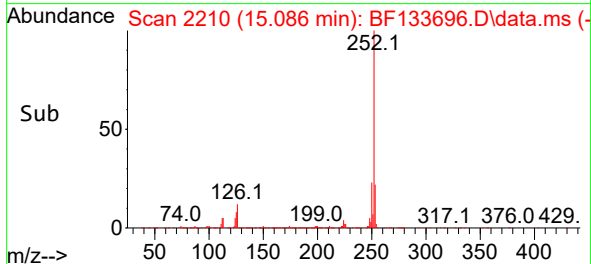
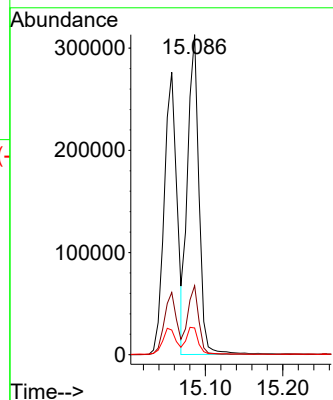
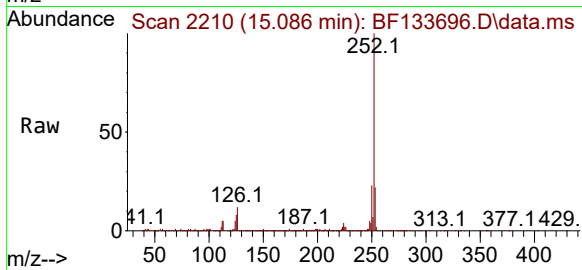
Tgt Ion:252 Resp: 317830

Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.4

125 8.4 7.8 11.6



#90

Benzo(a)pyrene

Concen: 38.747 ng

RT: 15.421 min Scan# 2267

Delta R.T. 0.006 min

Lab File: BF133696.D

Acq: 10 Jun 2023 03:02

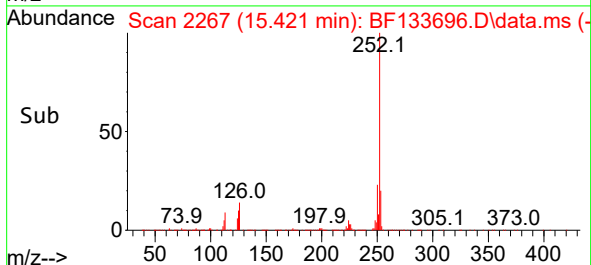
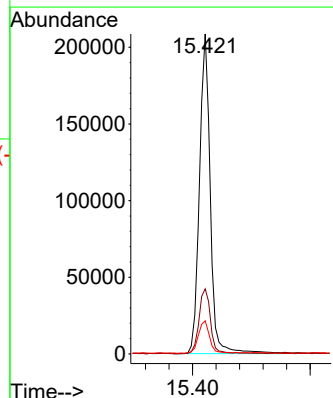
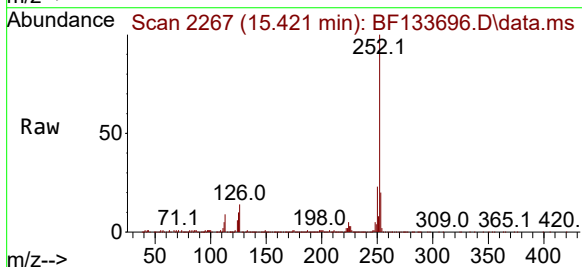
Tgt Ion:252 Resp: 266209

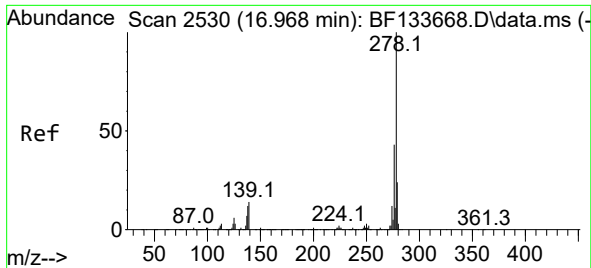
Ion Ratio Lower Upper

252 100

253 20.3 17.1 25.7

125 10.4 8.6 13.0

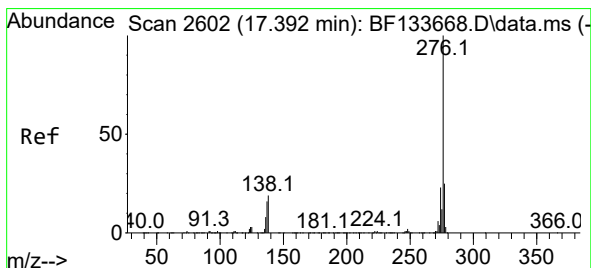
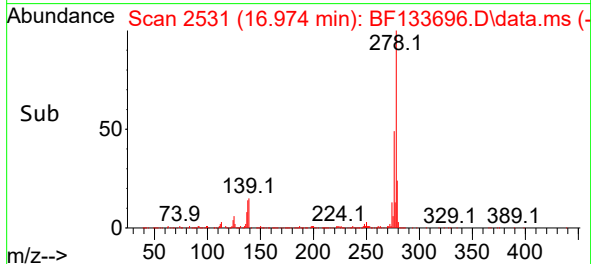
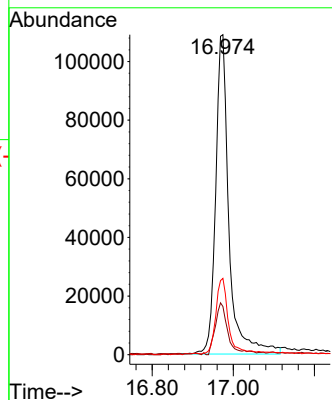
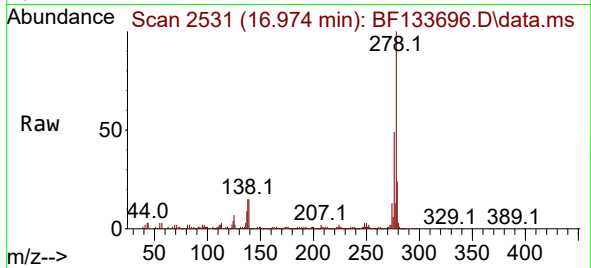




#91
Dibenzo(a,h)anthracene
Concen: 35.625 ng
RT: 16.974 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF133696.D
Acq: 10 Jun 2023 03:02

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion:278 Resp: 247277
Ion Ratio Lower Upper
278 100
139 15.0 11.4 17.2
279 23.8 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 30.187 ng
RT: 17.398 min Scan# 2603
Delta R.T. 0.006 min
Lab File: BF133696.D
Acq: 10 Jun 2023 03:02

Tgt Ion:276 Resp: 207744
Ion Ratio Lower Upper
276 100
277 23.5 19.8 29.8
138 21.0 15.0 22.4

