

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061423\
 Data File : BF133761.D
 Acq On : 14 Jun 2023 20:26
 Operator : CG\JU
 Sample : 03092-02MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Quant Time: Jun 15 01:30:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 16:27:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	137434	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	510719	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	246688	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	412401	20.000	ng	0.00
76) Chrysene-d12	14.004	240	247634	20.000	ng	0.00
86) Perylene-d12	15.463	264	255185	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	766773	97.128	ng	0.02
7) Phenol-d6	6.469	99	886773	86.297	ng	0.00
23) Nitrobenzene-d5	7.398	82	687465	73.316	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	283457	90.775	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1218087	70.191	ng	0.00
79) Terphenyl-d14	12.945	244	1054425	65.886	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.757	88	100091	28.839	ng	# 80
3) Pyridine	3.463	79	188398	18.624	ng	98
4) n-Nitrosodimethylamine	3.399	42	195092	34.889	ng	100
6) Aniline	6.493	93	87380	6.751	ng	96
8) 2-Chlorophenol	6.616	128	326997	39.305	ng	97
9) Benzaldehyde	6.381	77	25211	3.698	ng	95
10) Phenol	6.481	94	332964	31.031	ng	98
11) bis(2-Chloroethyl)ether	6.569	93	307844	38.645	ng	96
12) 1,3-Dichlorobenzene	6.775	146	346993	39.037	ng	98
13) 1,4-Dichlorobenzene	6.851	146	353786	39.379	ng	98
14) 1,2-Dichlorobenzene	6.998	146	336803	41.488	ng	99
15) Benzyl Alcohol	6.975	79	276760	34.484	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.110	45	556983	41.248	ng	99
17) 2-Methylphenol	7.087	107	264297	35.842	ng	99
18) Hexachloroethane	7.345	117	129869	42.224	ng	97
19) n-Nitroso-di-n-propyla...	7.245	70	237550	36.334	ng	96
20) 3+4-Methylphenols	7.240	107	309903	32.306	ng	# 83
22) Acetophenone	7.245	105	450269	38.440	ng	# 96
24) Nitrobenzene	7.416	77	361646	38.303	ng	99
25) Isophorone	7.657	82	647113	37.591	ng	98
26) 2-Nitrophenol	7.734	139	178057	42.021	ng	94
27) 2,4-Dimethylphenol	7.769	122	288798	39.542	ng	99
28) bis(2-Chloroethoxy)met...	7.863	93	382440	38.438	ng	98
29) 2,4-Dichlorophenol	7.975	162	273338	38.186	ng	99
30) 1,2,4-Trichlorobenzene	8.057	180	291227	38.996	ng	99
31) Naphthalene	8.139	128	926705	37.244	ng	99
32) Benzoic acid	7.892	122	202337	43.927	ng	93
33) 4-Chloroaniline	8.187	127	21645	2.034	ng	# 94
34) Hexachlorobutadiene	8.251	225	182998	37.426	ng	97
35) Caprolactam	8.557	113	61773	25.647	ng	97
36) 4-Chloro-3-methylphenol	8.669	107	296671	35.957	ng	100
37) 2-Methylnaphthalene	8.828	142	625910	36.204	ng	99
38) 1-Methylnaphthalene	8.928	142	588062	36.965	ng	99
40) 1,2,4,5-Tetrachloroben...	8.992	216	295784	39.440	ng	98
41) Hexachlorocyclopentadiene	8.981	237	287499	86.025	ng	95
43) 2,4,6-Trichlorophenol	9.104	196	198221	39.553	ng	98

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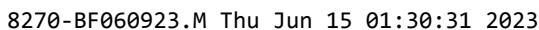
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	209120	35.868	ng	98
46) 1,1'-Biphenyl	9.292	154	793251	39.870	ng	99
47) 2-Chloronaphthalene	9.316	162	577168	40.442	ng	99
48) 2-Nitroaniline	9.416	65	186966	35.821	ng	98
49) Acenaphthylene	9.733	152	917892	36.953	ng	100
50) Dimethylphthalate	9.598	163	702680	38.161	ng	99
51) 2,6-Dinitrotoluene	9.657	165	149433	39.318	ng	# 82
52) Acenaphthene	9.904	154	554351	38.127	ng	98
53) 3-Nitroaniline	9.822	138	21597	4.669	ng	# 95
54) 2,4-Dinitrophenol	9.933	184	142487	76.954	ng	95
55) Dibenzofuran	10.081	168	840565	37.887	ng	100
56) 4-Nitrophenol	9.986	139	193769	62.076	ng	# 82
57) 2,4-Dinitrotoluene	10.063	165	187663	38.824	ng	96
58) Fluorene	10.422	166	623448	36.747	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.192	232	169844	38.910	ng	99
60) Diethylphthalate	10.292	149	697471	37.218	ng	99
61) 4-Chlorophenyl-phenyle...	10.410	204	310351	37.054	ng	97
62) 4-Nitroaniline	10.439	138	102030	22.499	ng	99
63) Azobenzene	10.575	77	637034	35.908	ng	97
65) 4,6-Dinitro-2-methylph...	10.469	198	89040	45.183	ng	89
66) n-Nitrosodiphenylamine	10.533	169	479491	34.614	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	185579	40.318	ng	93
68) Hexachlorobenzene	10.969	284	196935	40.686	ng	96
69) Atrazine	11.057	200	91267	22.707	ng	99
70) Pentachlorophenol	11.163	266	201625	69.563	ng	98
71) Phenanthrene	11.386	178	821754	39.275	ng	100
72) Anthracene	11.433	178	819159	37.548	ng	99
73) Carbazole	11.592	167	628863	30.949	ng	98
74) Di-n-butylphthalate	11.922	149	999380	38.366	ng	100
75) Fluoranthene	12.574	202	740453	33.325	ng	99
77) Benzidine	12.698	184	17625	2.121	ng	# 92
78) Pyrene	12.804	202	742039	32.167	ng	100
80) Butylbenzylphthalate	13.421	149	333331	34.228	ng	99
81) Benzo(a)anthracene	13.992	228	660863	38.582	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	23352	4.101	ng	95
83) Chrysene	14.033	228	645492	39.843	ng	97
84) Bis(2-ethylhexyl)phtha...	13.980	149	458123	38.206	ng	99
85) Di-n-octyl phthalate	14.598	149	828803	48.639	ng	99
87) Indeno(1,2,3-cd)pyrene	16.927	276	667369	38.014	ng	98
88) Benzo(b)fluoranthene	15.039	252	769395	49.634	ng	97
89) Benzo(k)fluoranthene	15.068	252	659832	43.697	ng	98
90) Benzo(a)pyrene	15.404	252	622174	43.247	ng	99
91) Dibenzo(a,h)anthracene	16.945	278	571113	39.294	ng	98
92) Benzo(g,h,i)perylene	17.368	276	483233	33.533	ng	97

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

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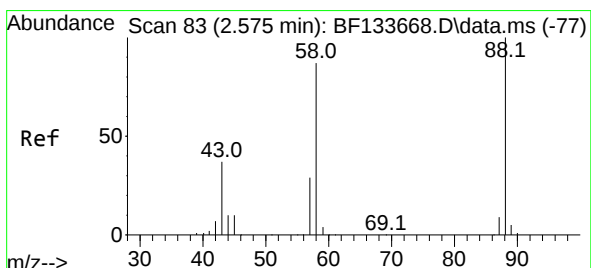
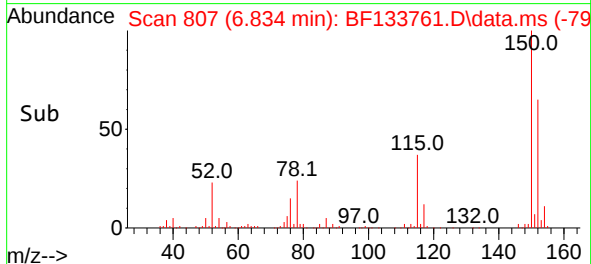
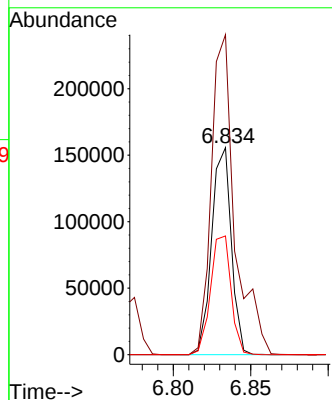
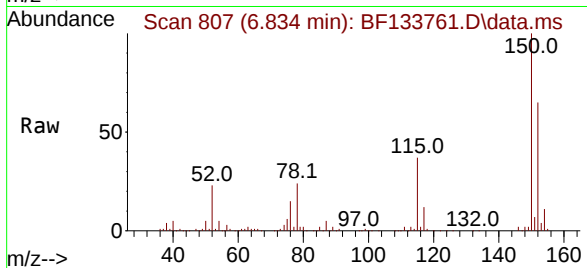




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF133761.D
Acq: 14 Jun 2023 20:26

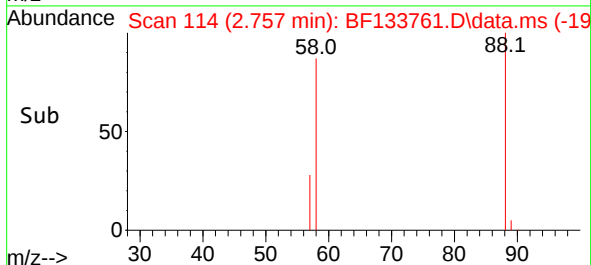
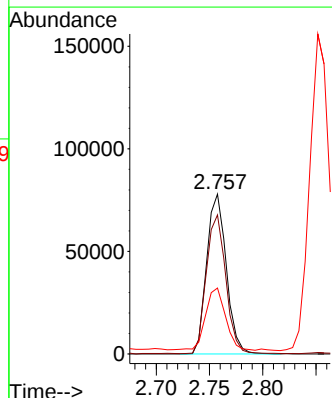
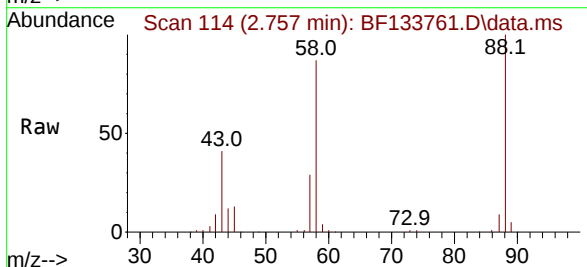
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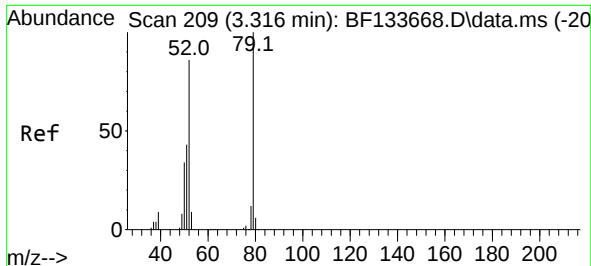
Tgt Ion:152 Resp: 137434
Ion Ratio Lower Upper
152 100
150 154.6 124.3 186.5
115 57.3 48.5 72.7



#2
1,4-Dioxane
Concen: 28.839 ng
RT: 2.757 min Scan# 114
Delta R.T. 0.206 min
Lab File: BF133761.D
Acq: 14 Jun 2023 20:26

Tgt Ion: 88 Resp: 100091
Ion Ratio Lower Upper
88 100
58 86.4 67.8 101.6
43 0.0 29.8 44.6#





#3

Pyridine

Concen: 18.624 ng

RT: 3.463 min Scan# 21

Delta R.T. 0.159 min

Lab File: BF133761.D

Acq: 14 Jun 2023 20:26

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

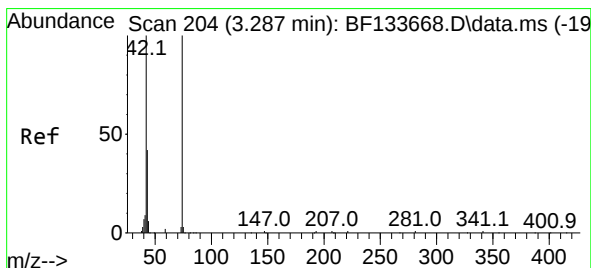
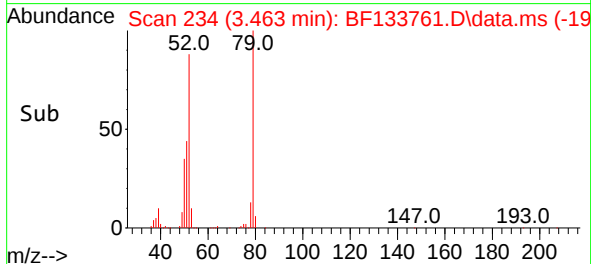
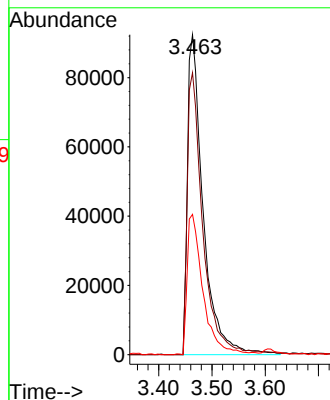
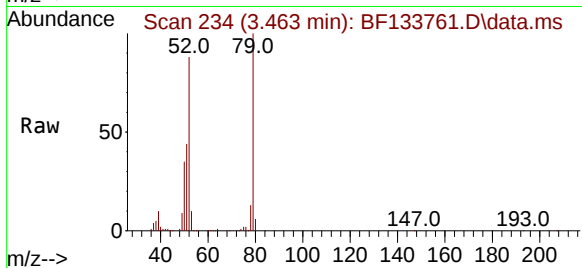
Tgt Ion: 79 Resp: 188398

Ion Ratio Lower Upper

79 100

52 88.1 68.6 102.8

51 43.9 34.8 52.2



#4

n-Nitrosodimethylamine

Concen: 34.889 ng

RT: 3.399 min Scan# 223

Delta R.T. 0.141 min

Lab File: BF133761.D

Acq: 14 Jun 2023 20:26

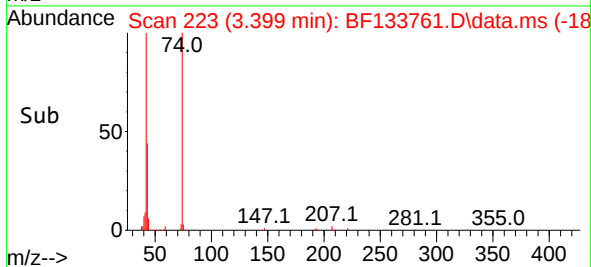
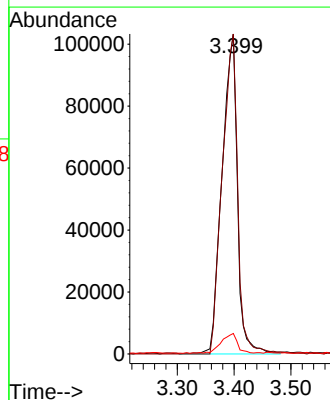
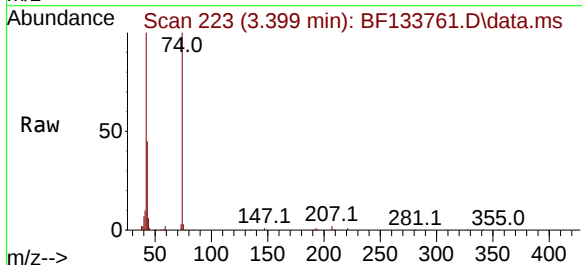
Tgt Ion: 42 Resp: 195092

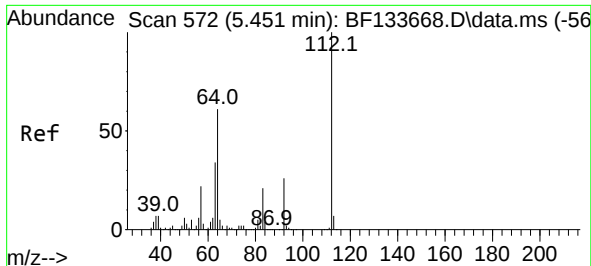
Ion Ratio Lower Upper

42 100

74 100.0 79.8 119.8

44 6.4 4.7 7.1

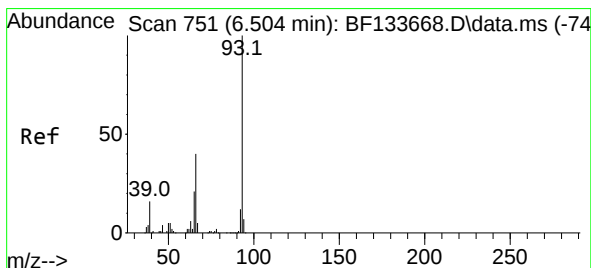
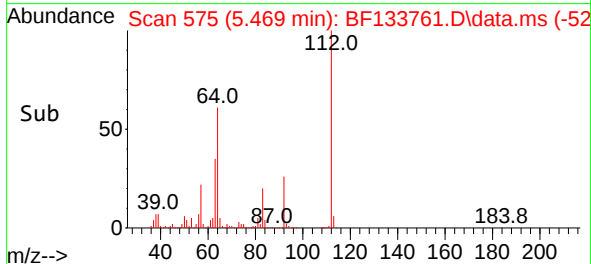
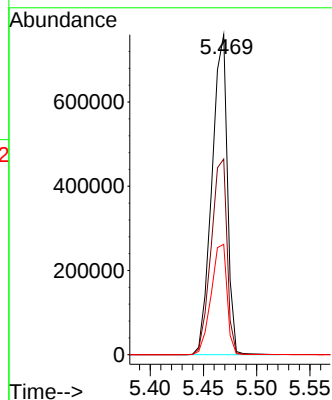
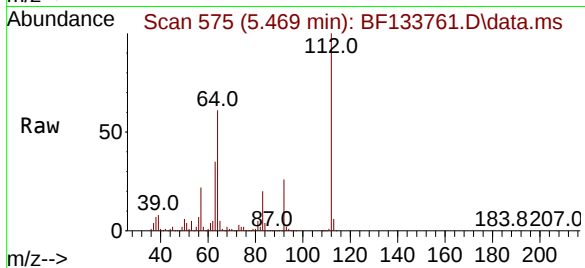




#5
2-Fluorophenol
Concen: 97.128 ng
RT: 5.469 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF133761.D
Acq: 14 Jun 2023 20:26

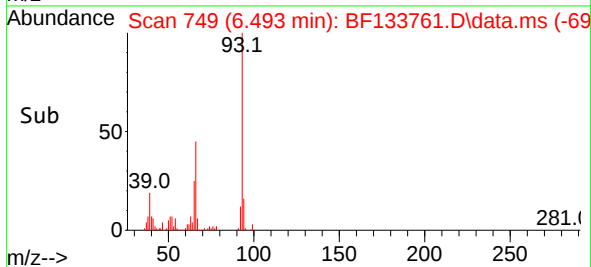
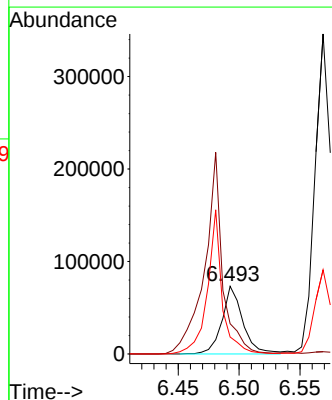
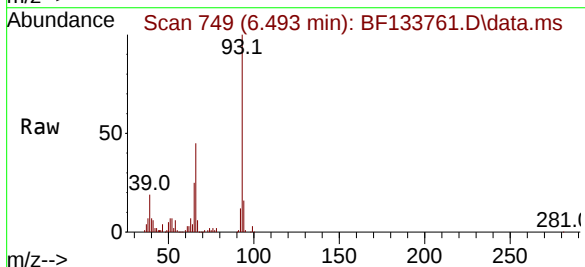
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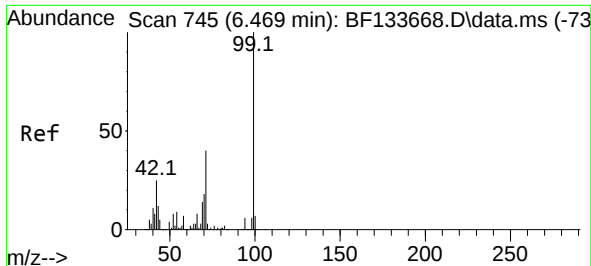
Tgt Ion:112 Resp: 766773
Ion Ratio Lower Upper
112 100
64 61.2 49.0 73.4
63 34.5 26.8 40.2



#6
Aniline
Concen: 6.751 ng
RT: 6.493 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF133761.D
Acq: 14 Jun 2023 20:26

Tgt Ion: 93 Resp: 87380
Ion Ratio Lower Upper
93 100
66 44.8 34.4 51.6
65 25.2 17.5 26.3





#7

Phenol-d6

Concen: 86.297 ng

RT: 6.469 min Scan# 745

Delta R.T. 0.000 min

Lab File: BF133761.D

Acq: 14 Jun 2023 20:26

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

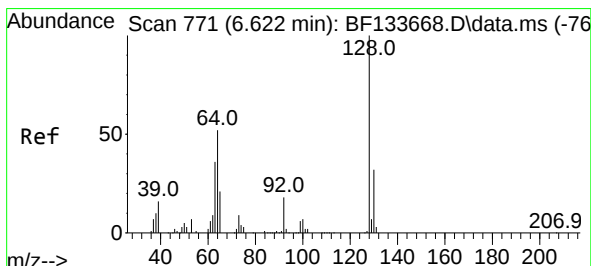
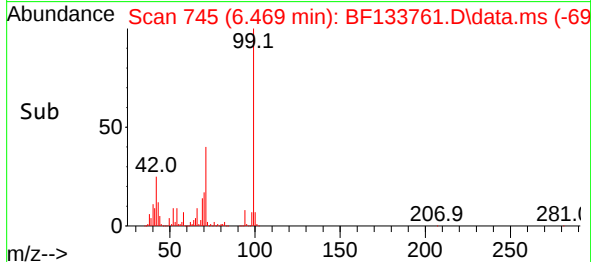
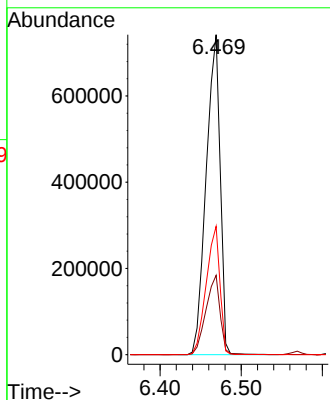
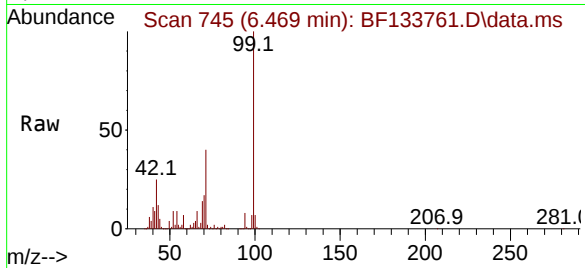
Tgt Ion: 99 Resp: 886773

Ion Ratio Lower Upper

99 100

42 24.8 19.9 29.9

71 40.1 32.2 48.4



#8

2-Chlorophenol

Concen: 39.305 ng

RT: 6.616 min Scan# 770

Delta R.T. -0.006 min

Lab File: BF133761.D

Acq: 14 Jun 2023 20:26

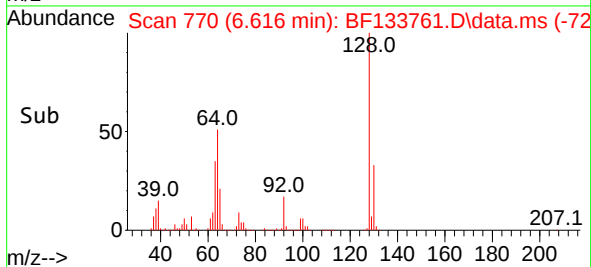
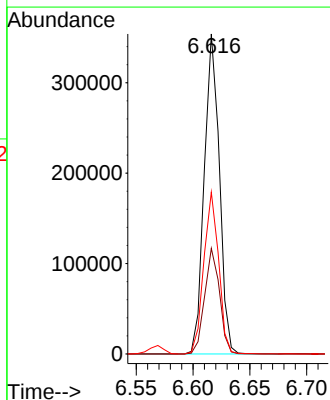
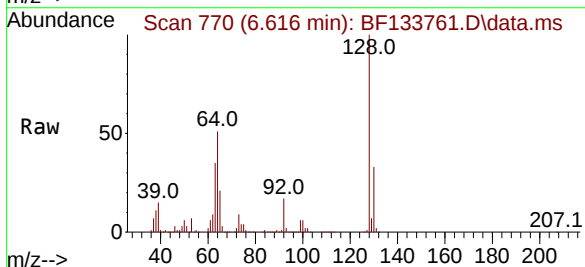
Tgt Ion: 128 Resp: 326997

Ion Ratio Lower Upper

128 100

130 33.0 12.3 52.3

64 50.6 33.1 73.1

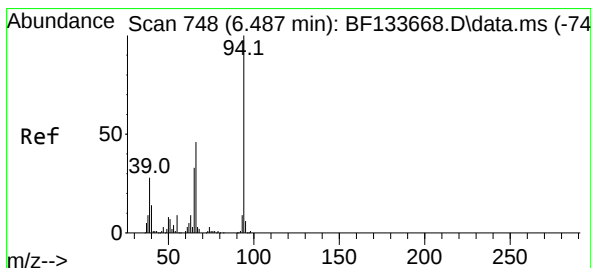
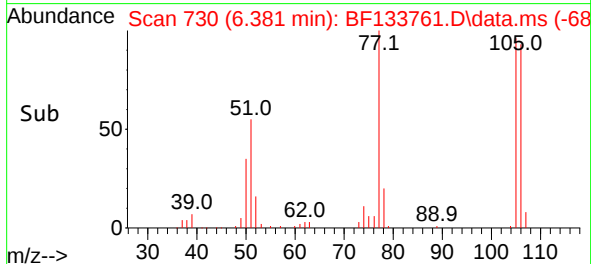
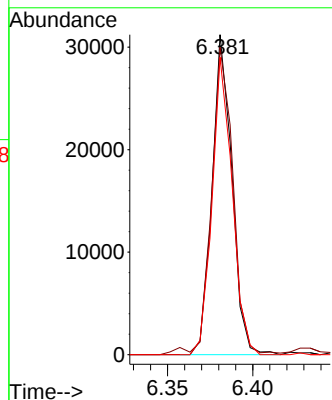
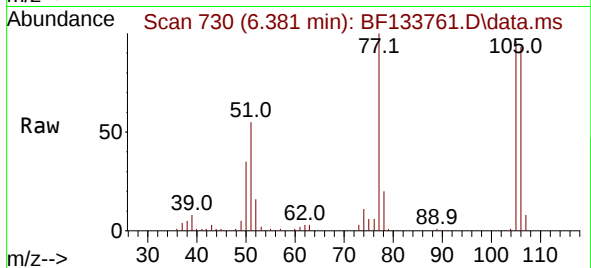




#9
Benzaldehyde
Concen: 3.698 ng
RT: 6.381 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133761.D
Acq: 14 Jun 2023 20:26

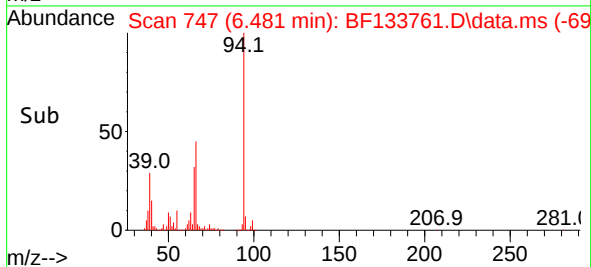
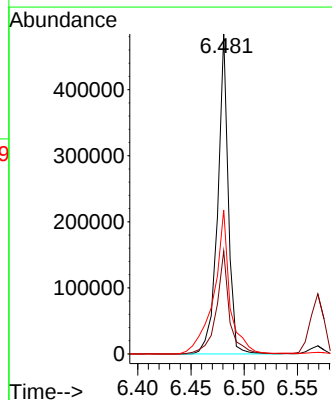
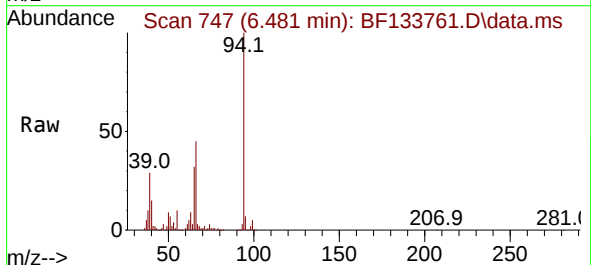
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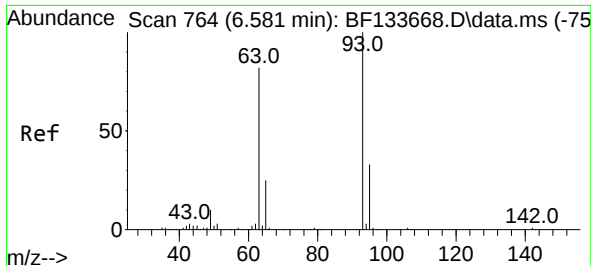
Tgt Ion: 77 Resp: 25211
Ion Ratio Lower Upper
77 100
105 96.0 82.0 122.0
106 93.0 77.6 117.6



#10
Phenol
Concen: 31.031 ng
RT: 6.481 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF133761.D
Acq: 14 Jun 2023 20:26

Tgt Ion: 94 Resp: 332964
Ion Ratio Lower Upper
94 100
65 32.2 13.2 53.2
66 45.0 26.1 66.1

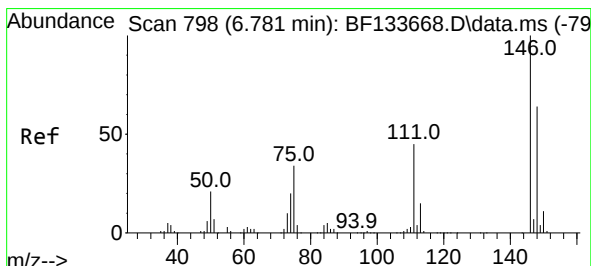
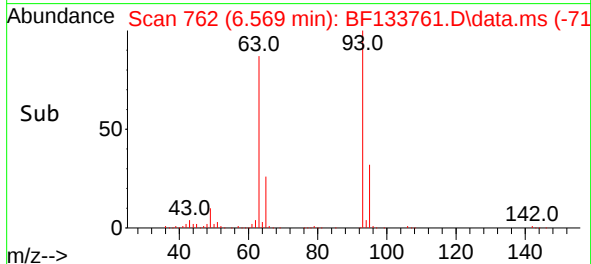
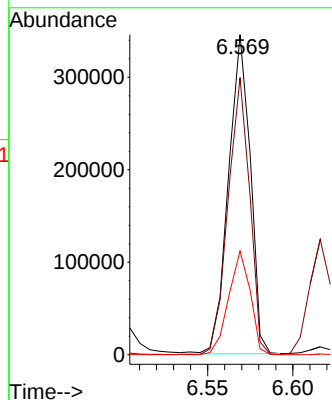
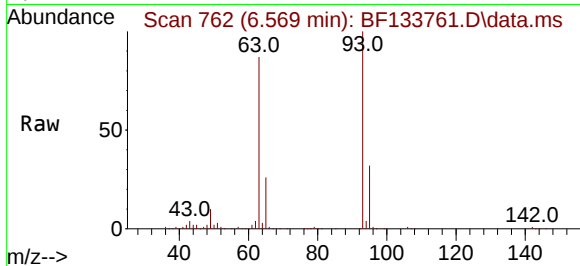




#11
bis(2-Chloroethyl)ether
Concen: 38.645 ng
RT: 6.569 min Scan# 701
Delta R.T. -0.006 min
Lab File: BF133761.D
Acq: 14 Jun 2023 20:26

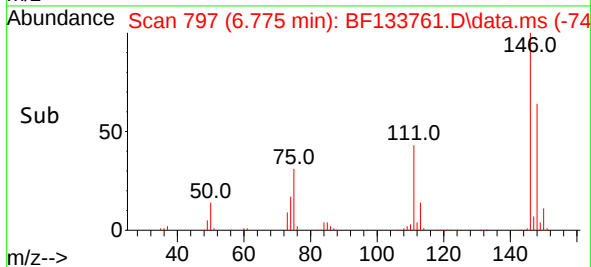
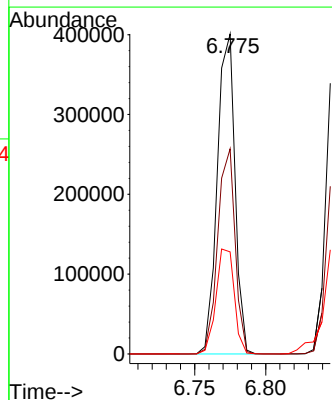
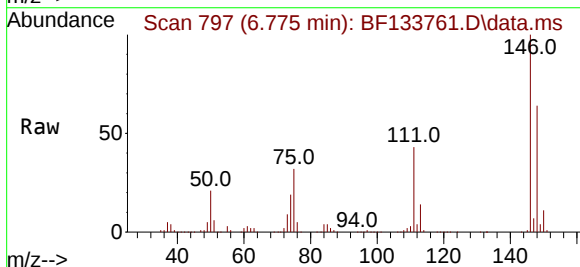
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

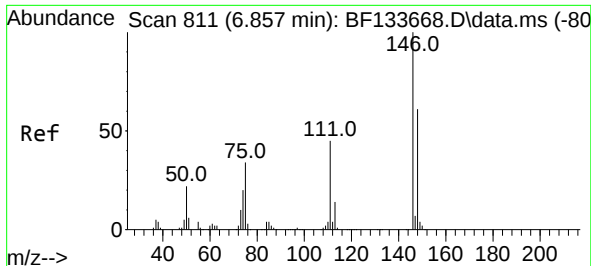
Tgt Ion: 93 Resp: 307844
Ion Ratio Lower Upper
93 100
63 86.6 62.1 102.1
95 32.4 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 39.037 ng
RT: 6.775 min Scan# 797
Delta R.T. 0.000 min
Lab File: BF133761.D
Acq: 14 Jun 2023 20:26

Tgt Ion:146 Resp: 346993
Ion Ratio Lower Upper
146 100
148 64.1 50.9 76.3
75 31.9 27.1 40.7





#13

1,4-Dichlorobenzene

Concen: 39.379 ng

RT: 6.851 min Scan# 811

Delta R.T. 0.000 min

Lab File: BF133761.D

Acq: 14 Jun 2023 20:26

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

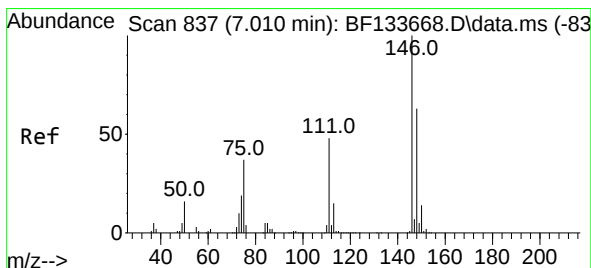
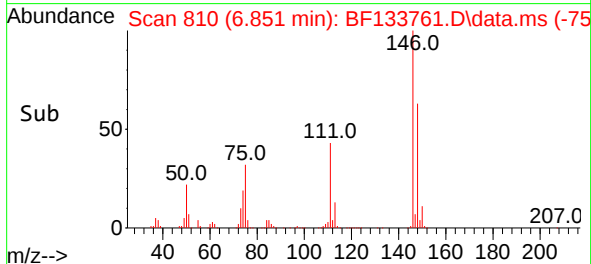
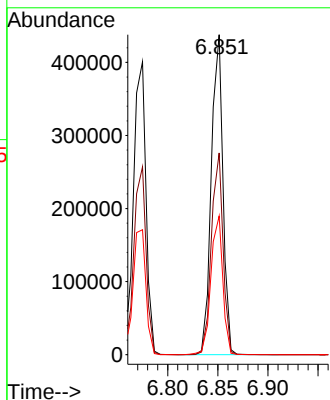
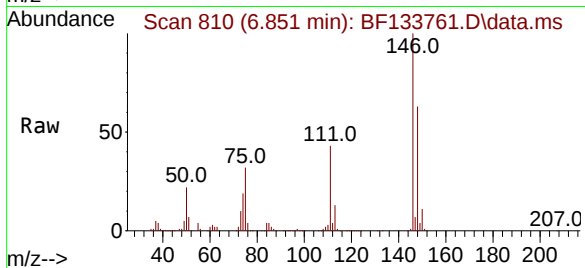
Tgt Ion:146 Resp: 353786

Ion Ratio Lower Upper

146 100

148 63.1 48.9 73.3

111 43.3 35.8 53.6



#14

1,2-Dichlorobenzene

Concen: 41.488 ng

RT: 6.998 min Scan# 835

Delta R.T. -0.006 min

Lab File: BF133761.D

Acq: 14 Jun 2023 20:26

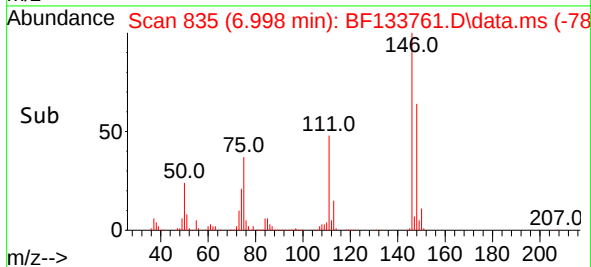
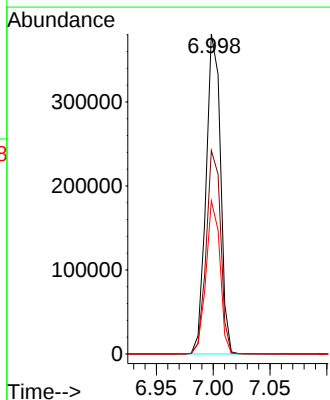
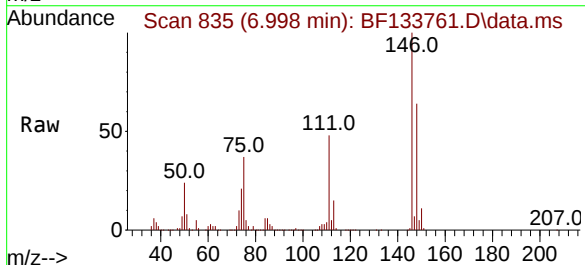
Tgt Ion:146 Resp: 336803

Ion Ratio Lower Upper

146 100

148 63.6 50.6 75.8

111 47.8 38.7 58.1

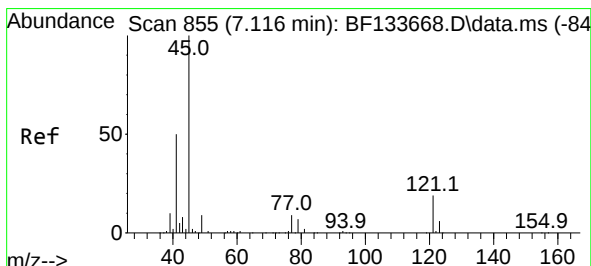
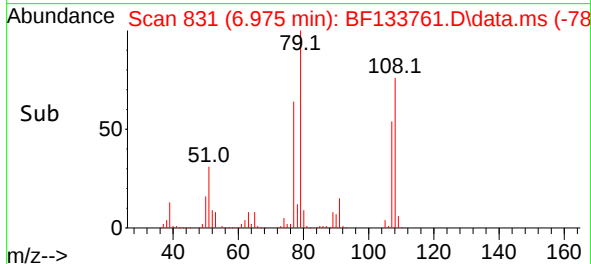
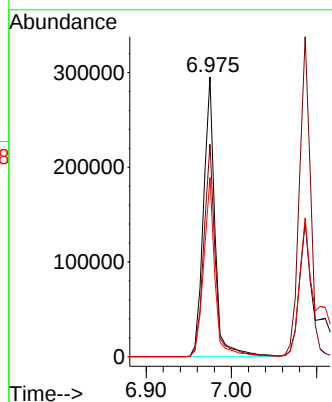
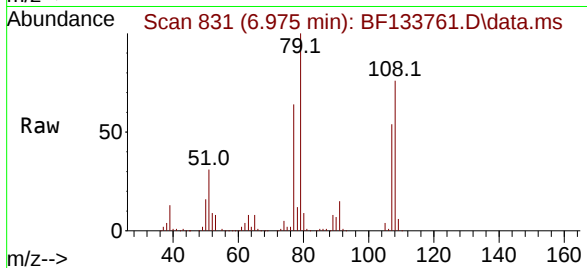




#15
Benzyl Alcohol
Concen: 34.484 ng
RT: 6.975 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133761.D
Acq: 14 Jun 2023 20:26

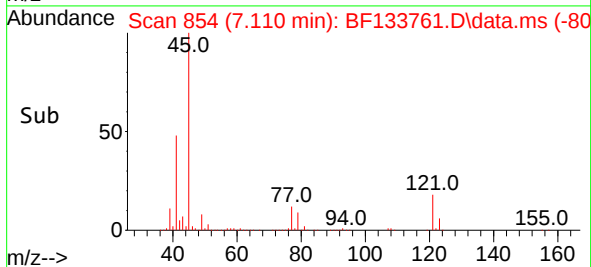
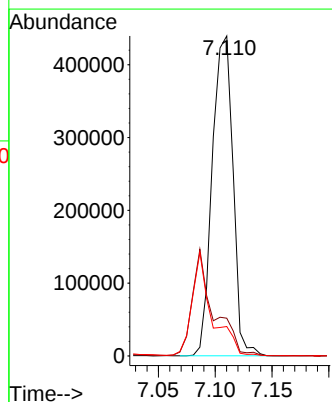
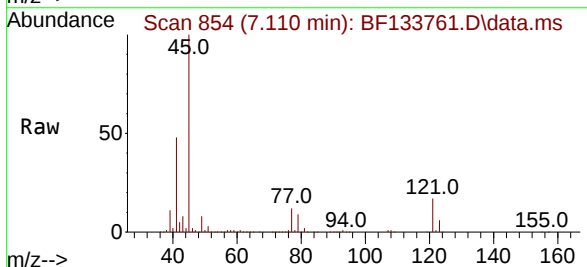
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

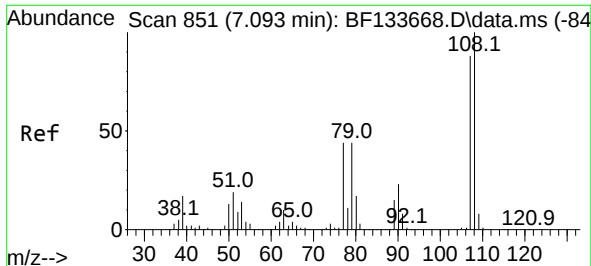
Tgt Ion: 79 Resp: 276760
Ion Ratio Lower Upper
79 100
108 75.9 57.9 86.9
77 64.0 50.4 75.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.248 ng
RT: 7.110 min Scan# 854
Delta R.T. 0.000 min
Lab File: BF133761.D
Acq: 14 Jun 2023 20:26

Tgt Ion: 45 Resp: 556983
Ion Ratio Lower Upper
45 100
77 11.8 0.0 32.3
79 9.2 0.0 29.4

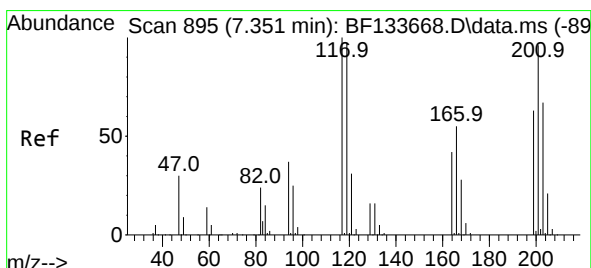
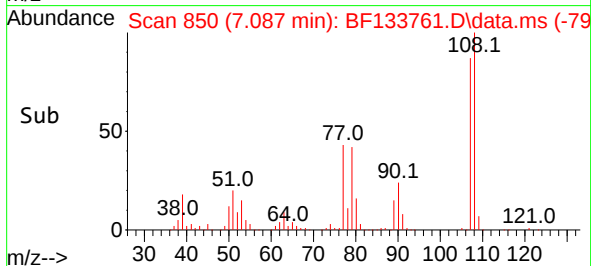
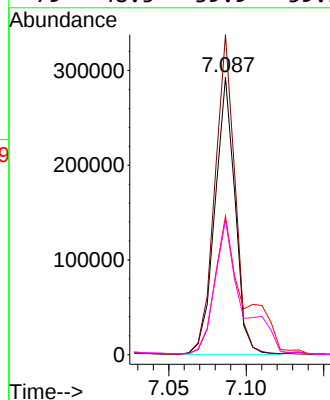
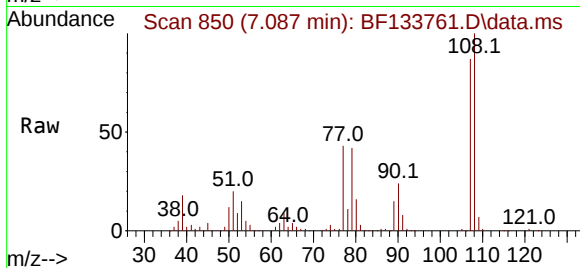




#17
2-Methylphenol
Concen: 35.842 ng
RT: 7.087 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133761.D
Acq: 14 Jun 2023 20:26

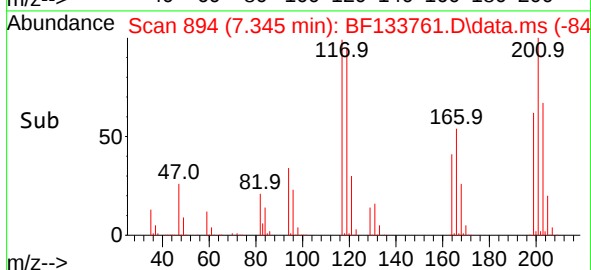
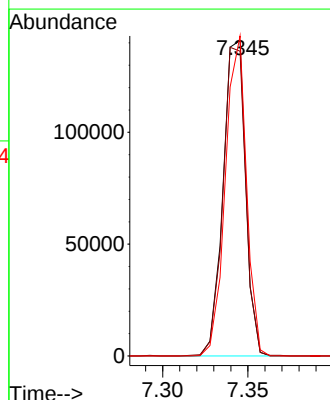
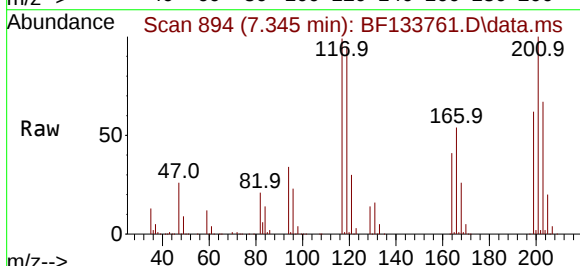
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion:	107	Resp:	264297
Ion	Ratio	Lower	Upper
107	100		
108	115.3	90.9	136.3
77	50.0	39.8	59.6
79	48.5	39.9	59.9



#18
Hexachloroethane
Concen: 42.224 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.000 min
Lab File: BF133761.D
Acq: 14 Jun 2023 20:26

Tgt Ion:	117	Resp:	129869
Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.3	115.9
201	101.5	76.8	115.2



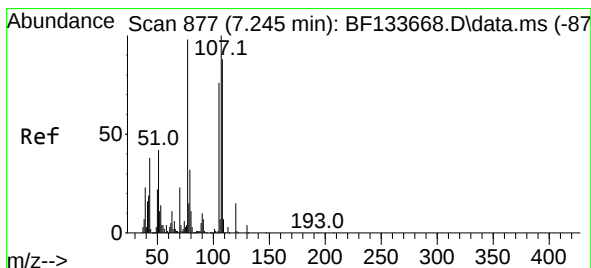
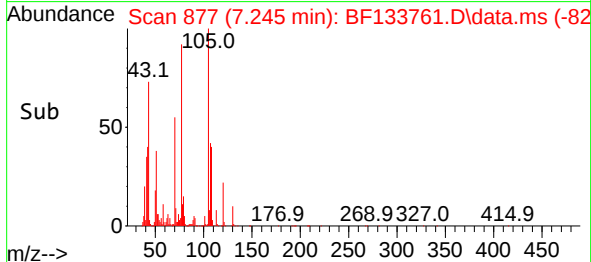
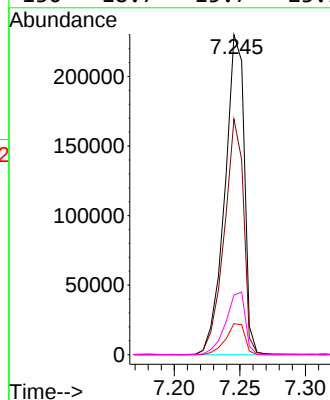
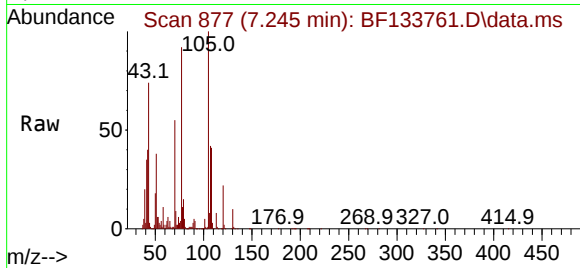


#19
n-Nitroso-di-n-propylamine
Concen: 36.334 ng
RT: 7.245 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF133761.D
Acq: 14 Jun 2023 20:26

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion: 70 Resp: 237550

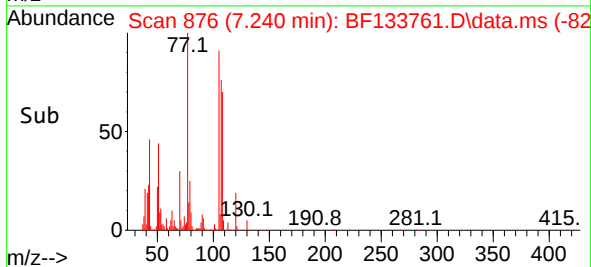
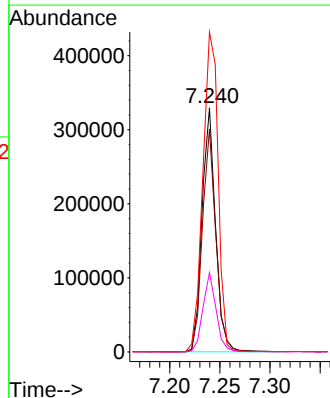
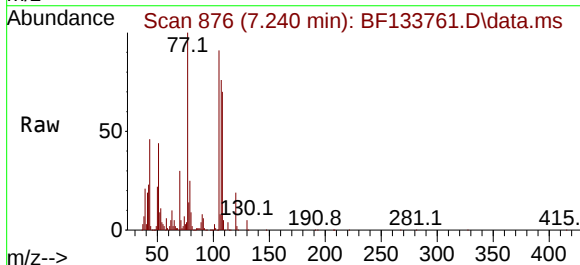
Ion	Ratio	Lower	Upper
70	100		
42	73.6	55.8	83.8
101	9.7	8.1	12.1
130	18.7	15.7	23.5

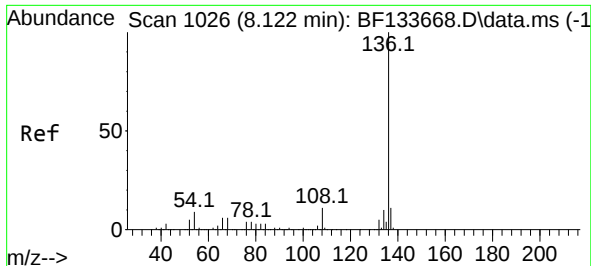


#20
3+4-Methylphenols
Concen: 32.306 ng
RT: 7.240 min Scan# 876
Delta R.T. 0.000 min
Lab File: BF133761.D
Acq: 14 Jun 2023 20:26

Tgt Ion: 107 Resp: 309903

Ion	Ratio	Lower	Upper
107	100		
108	91.3	67.9	107.9
77	131.0	77.7	117.7#
79	32.5	11.7	51.7

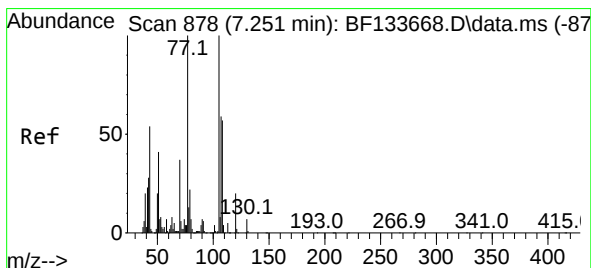
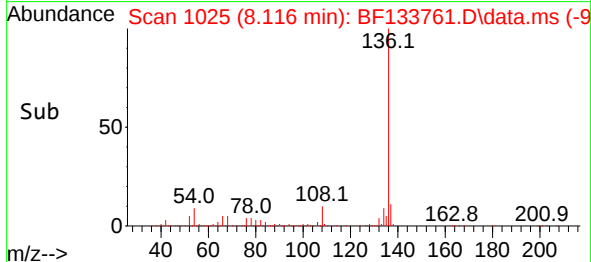
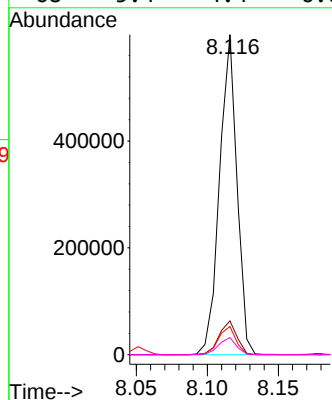
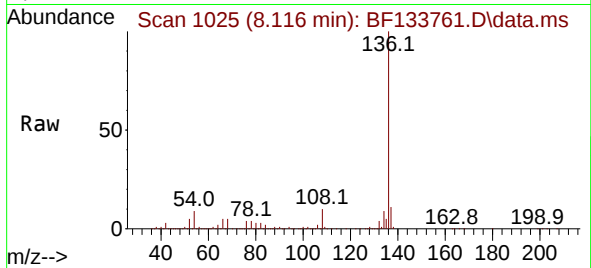




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. 0.000 min
Lab File: BF133761.D
Acq: 14 Jun 2023 20:26

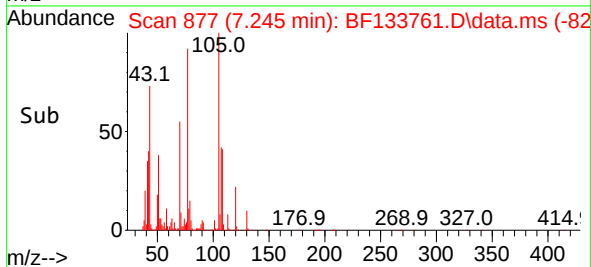
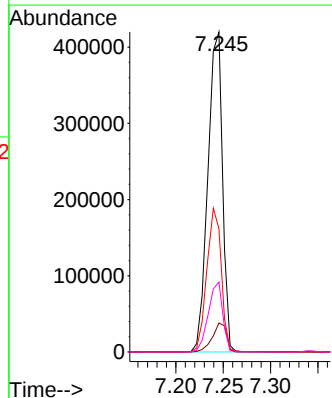
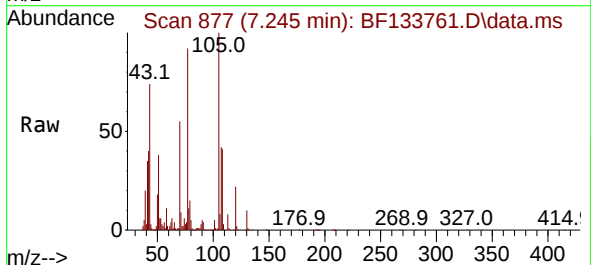
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

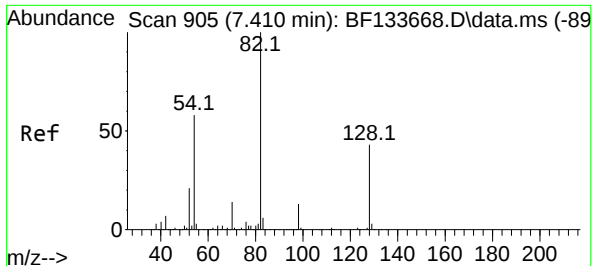
Tgt Ion:136 Resp: 510719
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 8.8 7.4 11.0
68 5.4 4.4 6.6



#22
Acetophenone
Concen: 38.440 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.000 min
Lab File: BF133761.D
Acq: 14 Jun 2023 20:26

Tgt Ion:105 Resp: 450269
Ion Ratio Lower Upper
105 100
71 9.0 4.8 7.2#
51 38.5 33.0 49.4
120 21.9 16.2 24.4





#23

Nitrobenzene-d5

Concen: 73.316 ng

RT: 7.398 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133761.D

Acq: 14 Jun 2023 20:26

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

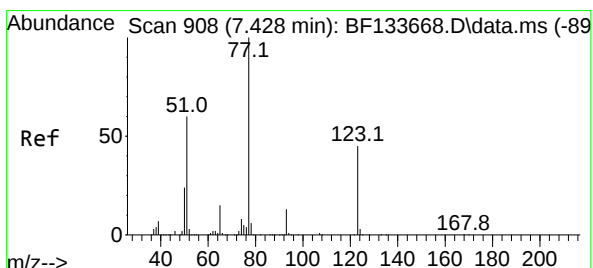
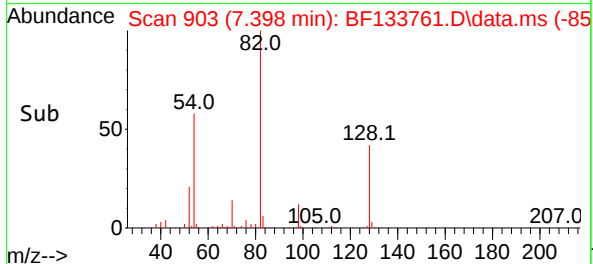
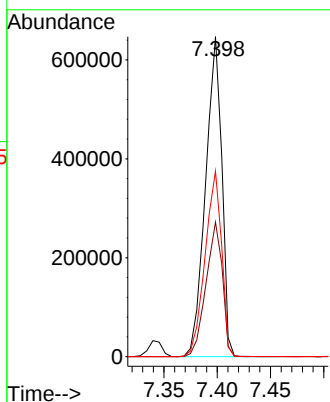
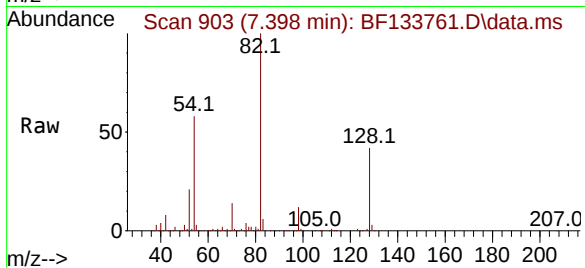
Tgt Ion: 82 Resp: 687465

Ion Ratio Lower Upper

82 100

128 42.1 34.2 51.2

54 58.0 46.5 69.7



#24

Nitrobenzene

Concen: 38.303 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF133761.D

Acq: 14 Jun 2023 20:26

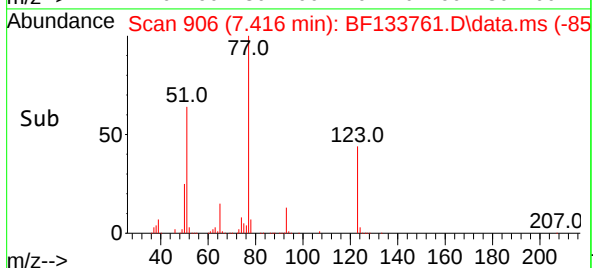
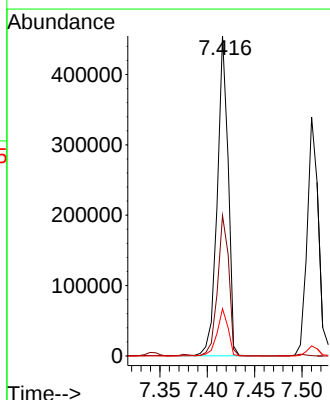
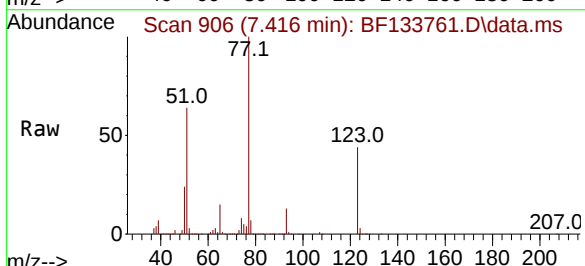
Tgt Ion: 77 Resp: 361646

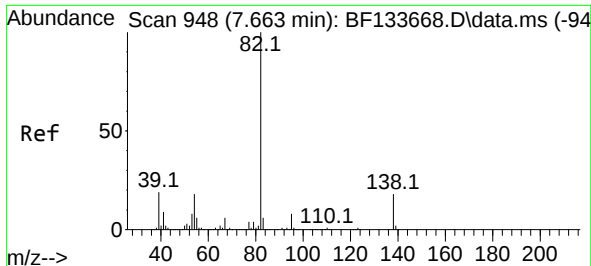
Ion Ratio Lower Upper

77 100

123 43.9 35.8 53.8

65 14.8 11.6 17.4

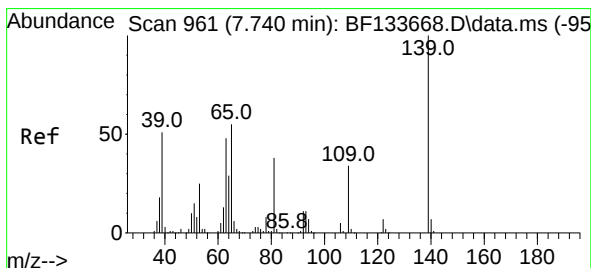
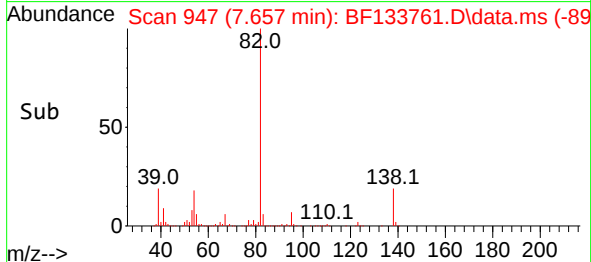
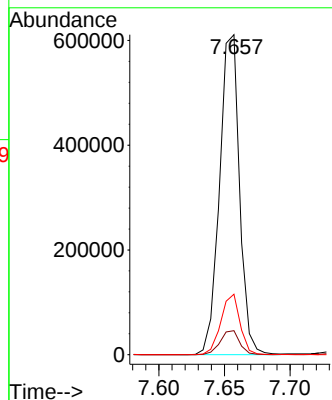
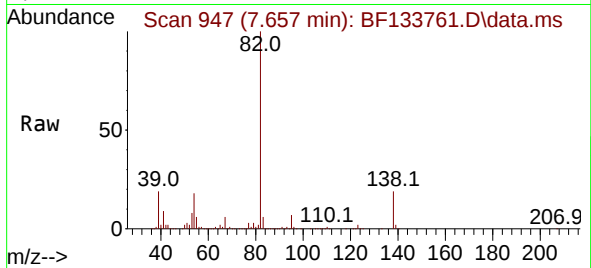




#25
Isophorone
Concen: 37.591 ng
RT: 7.657 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF133761.D
Acq: 14 Jun 2023 20:26

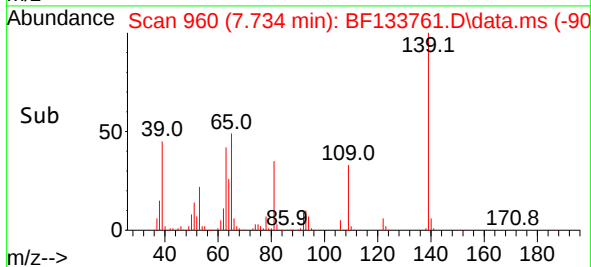
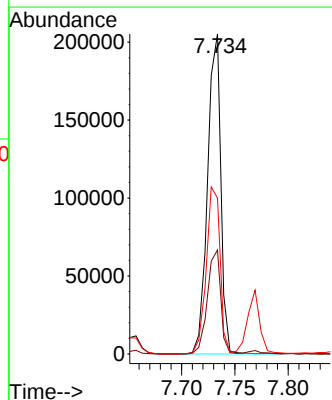
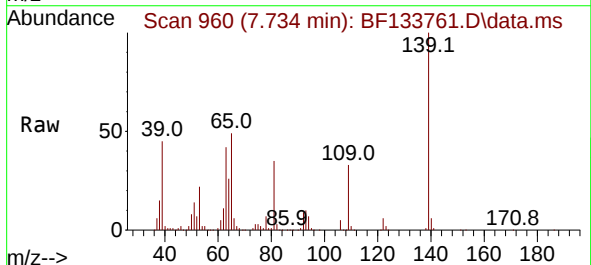
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

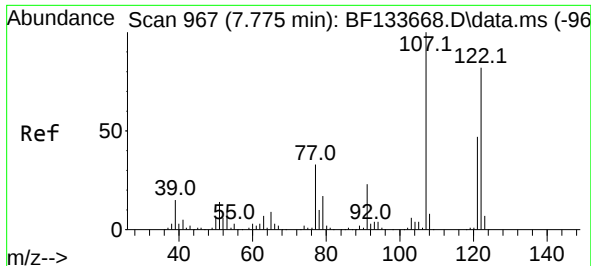
Tgt Ion: 82 Resp: 647113
Ion Ratio Lower Upper
82 100
95 7.5 6.0 9.0
138 18.9 14.2 21.2



#26
2-Nitrophenol
Concen: 42.021 ng
RT: 7.734 min Scan# 960
Delta R.T. 0.000 min
Lab File: BF133761.D
Acq: 14 Jun 2023 20:26

Tgt Ion: 139 Resp: 178057
Ion Ratio Lower Upper
139 100
109 32.5 27.0 40.6
65 48.7 44.2 66.4

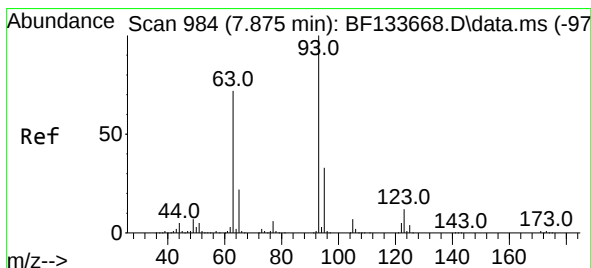
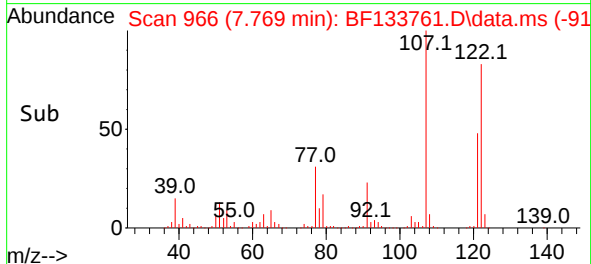
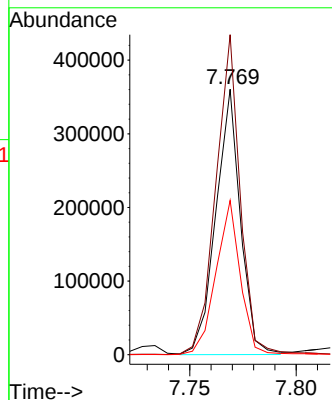
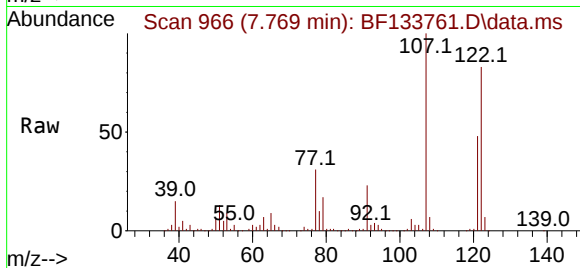




#27
2,4-Dimethylphenol
Concen: 39.542 ng
RT: 7.769 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF133761.D
Acq: 14 Jun 2023 20:26

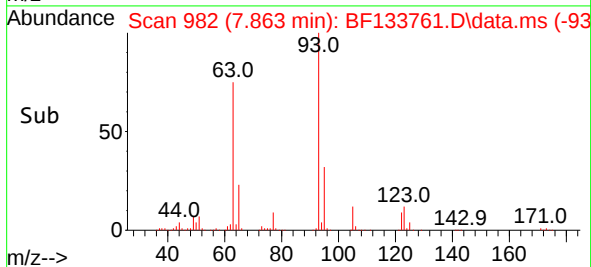
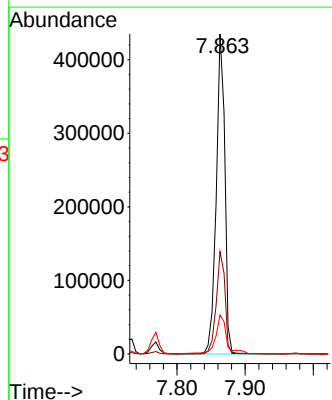
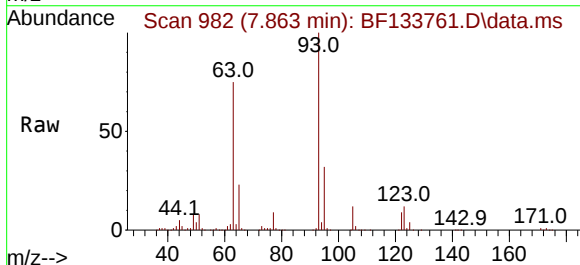
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

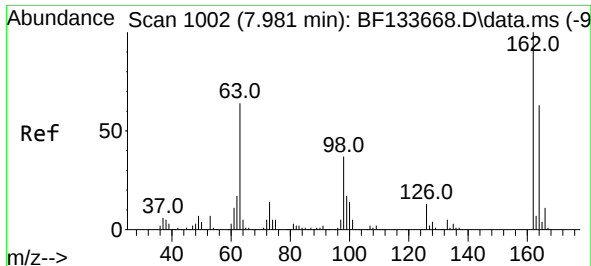
Tgt Ion:122 Resp: 288798
Ion Ratio Lower Upper
122 100
107 120.6 97.8 146.6
121 58.1 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 38.438 ng
RT: 7.863 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF133761.D
Acq: 14 Jun 2023 20:26

Tgt Ion: 93 Resp: 382440
Ion Ratio Lower Upper
93 100
95 32.0 26.4 39.6
123 12.2 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 38.186 ng

RT: 7.975 min Scan# 1001

Delta R.T. 0.000 min

Lab File: BF133761.D

Acq: 14 Jun 2023 20:26

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

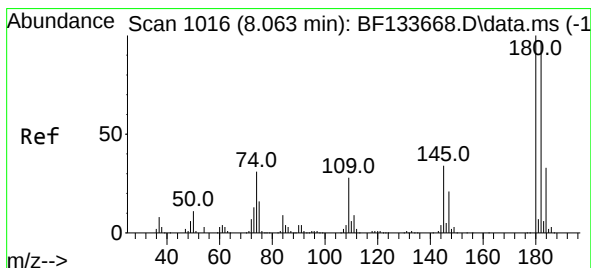
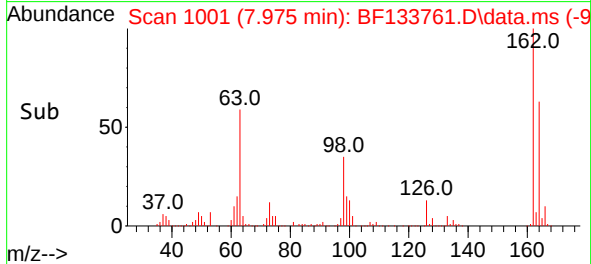
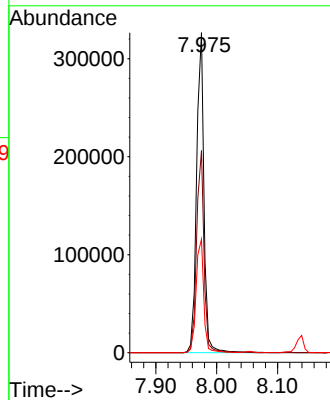
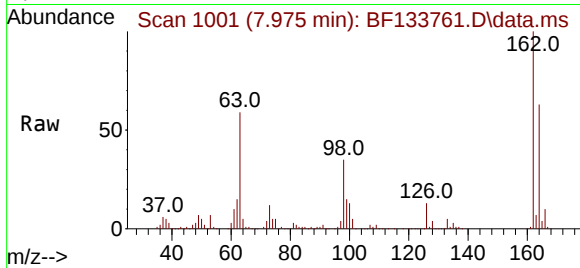
Tgt Ion:162 Resp: 273338

Ion Ratio Lower Upper

162 100

164 63.2 43.4 83.4

98 35.5 17.4 57.4



#30

1,2,4-Trichlorobenzene

Concen: 38.996 ng

RT: 8.057 min Scan# 1015

Delta R.T. 0.000 min

Lab File: BF133761.D

Acq: 14 Jun 2023 20:26

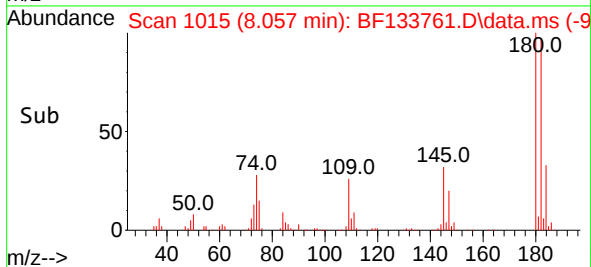
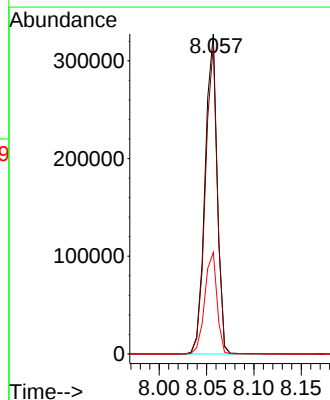
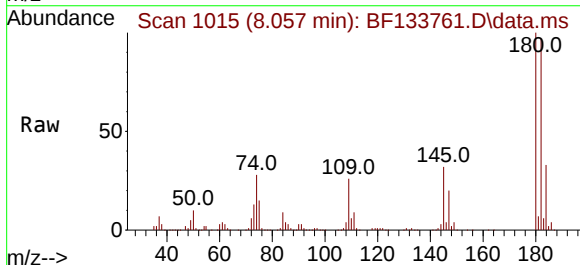
Tgt Ion:180 Resp: 291227

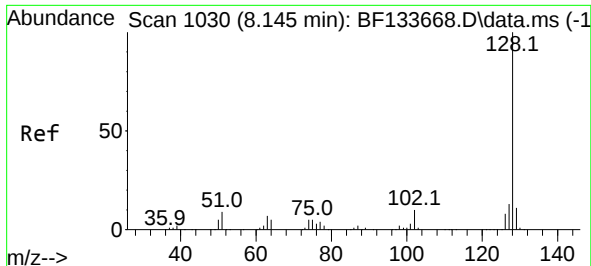
Ion Ratio Lower Upper

180 100

182 96.7 77.8 116.8

145 31.8 27.0 40.4

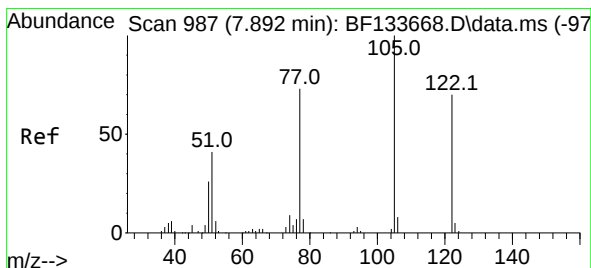
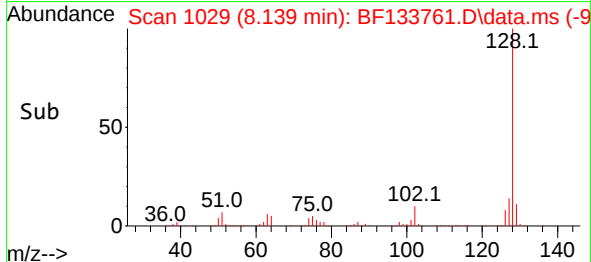
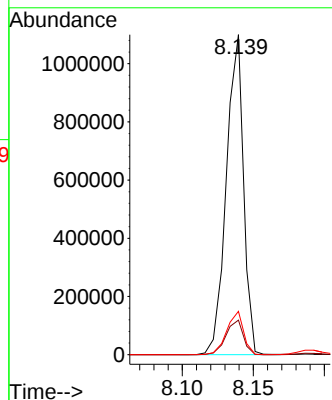
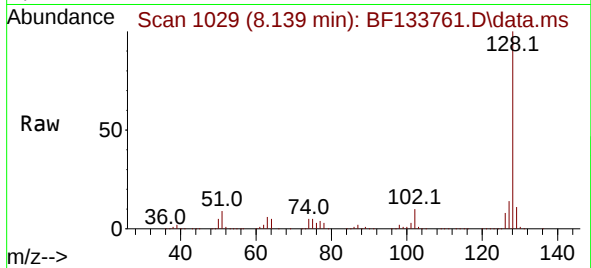




#31
Naphthalene
Concen: 37.244 ng
RT: 8.139 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF133761.D
Acq: 14 Jun 2023 20:26

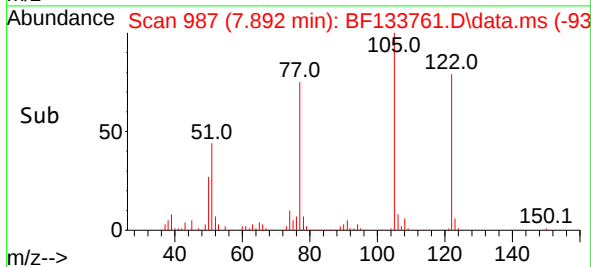
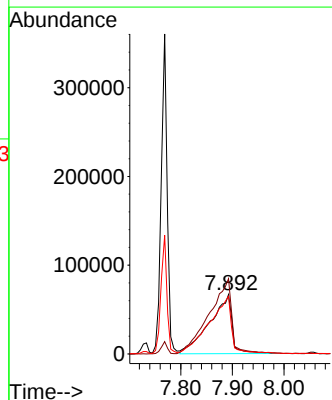
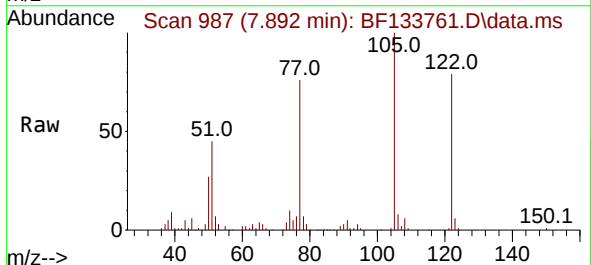
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

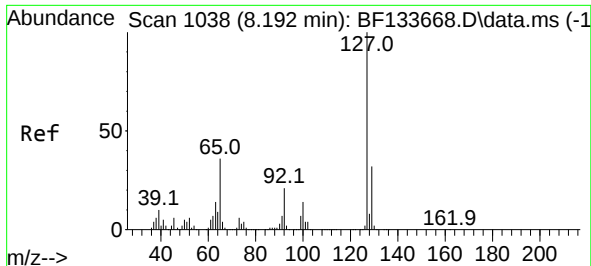
Tgt Ion:128 Resp: 926705
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.6 10.5 15.7



#32
Benzoic acid
Concen: 43.927 ng
RT: 7.892 min Scan# 987
Delta R.T. 0.006 min
Lab File: BF133761.D
Acq: 14 Jun 2023 20:26

Tgt Ion:122 Resp: 202337
Ion Ratio Lower Upper
122 100
105 126.8 116.3 156.3
77 97.0 82.4 122.4

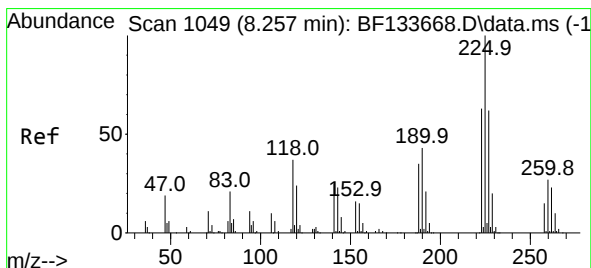
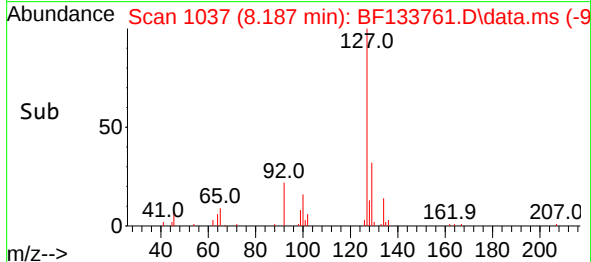
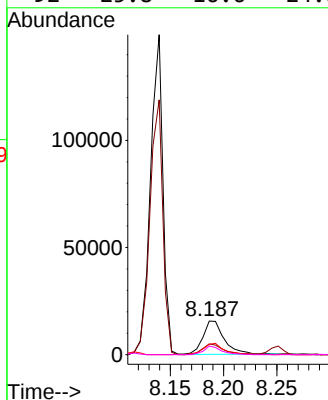
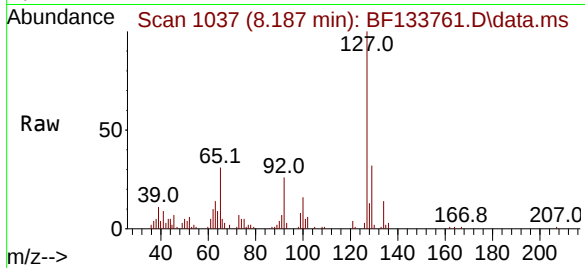




#33
4-Chloroaniline
Concen: 2.034 ng
RT: 8.187 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF133761.D
Acq: 14 Jun 2023 20:26

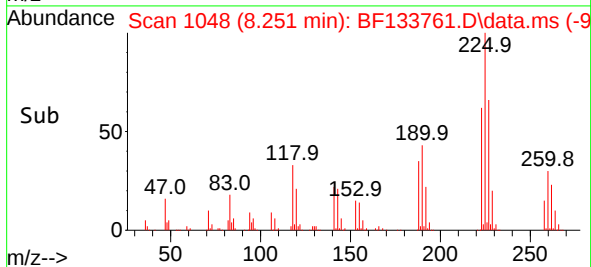
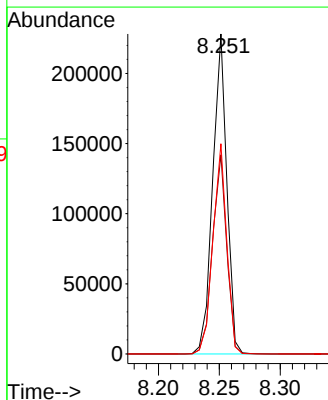
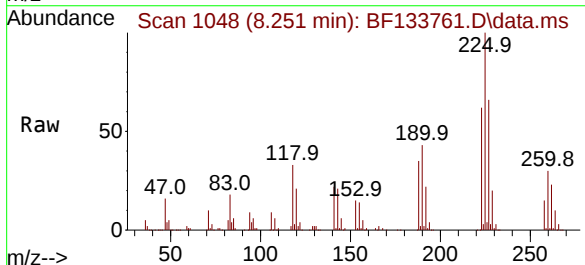
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

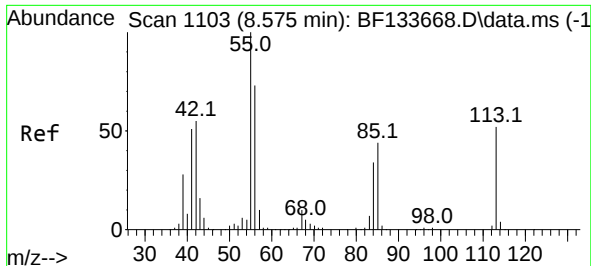
Tgt Ion:	127	Resp:	21645
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.6	38.4
65	31.2	28.9	43.3
92	25.8	16.6	24.8



#34
Hexachlorobutadiene
Concen: 37.426 ng
RT: 8.251 min Scan# 1048
Delta R.T. 0.000 min
Lab File: BF133761.D
Acq: 14 Jun 2023 20:26

Tgt Ion:	225	Resp:	182998
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.2	75.4
227	65.7	49.5	74.3

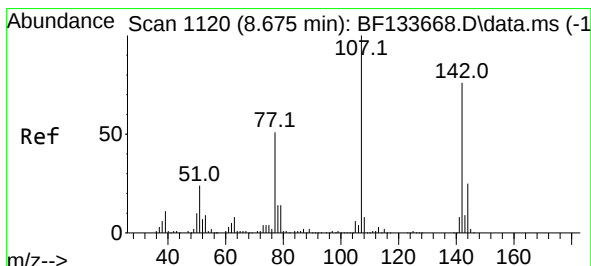
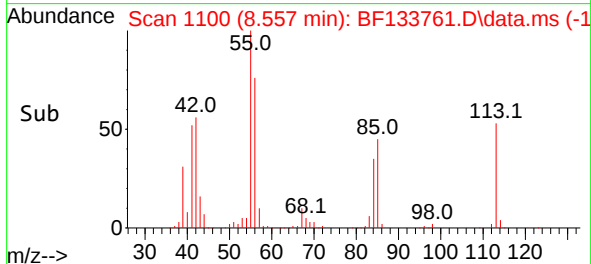
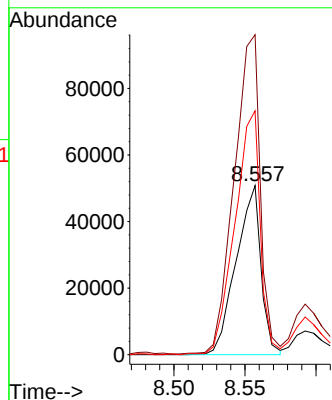
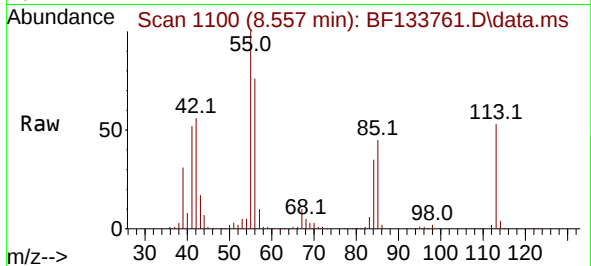




#35
 Caprolactam
 Concen: 25.647 ng
 RT: 8.557 min Scan# 1119
 Delta R.T. -0.006 min
 Lab File: BF133761.D
 Acq: 14 Jun 2023 20:26

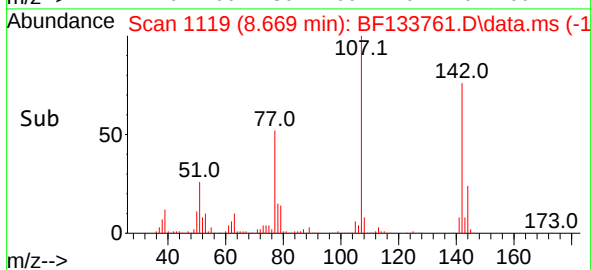
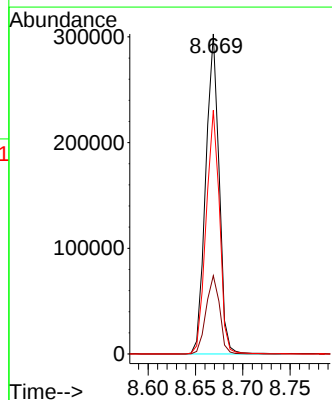
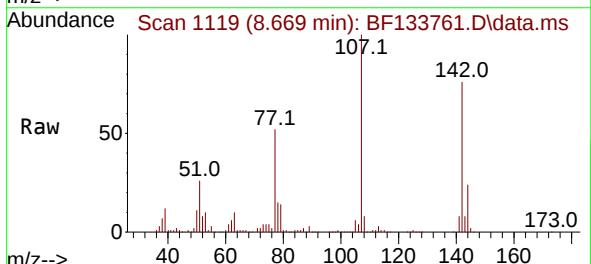
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

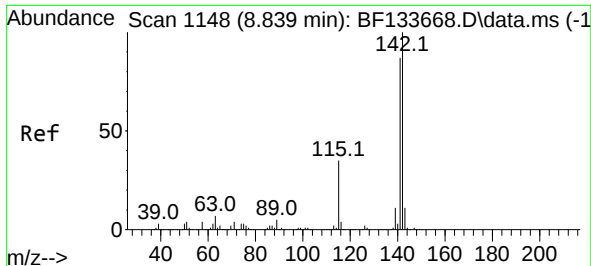
Tgt Ion:113 Resp: 61773
 Ion Ratio Lower Upper
 113 100
 55 189.3 173.3 213.3
 56 144.2 120.5 160.5



#36
 4-Chloro-3-methylphenol
 Concen: 35.957 ng
 RT: 8.669 min Scan# 1119
 Delta R.T. 0.000 min
 Lab File: BF133761.D
 Acq: 14 Jun 2023 20:26

Tgt Ion:107 Resp: 296671
 Ion Ratio Lower Upper
 107 100
 144 24.4 19.7 29.5
 142 76.2 61.1 91.7

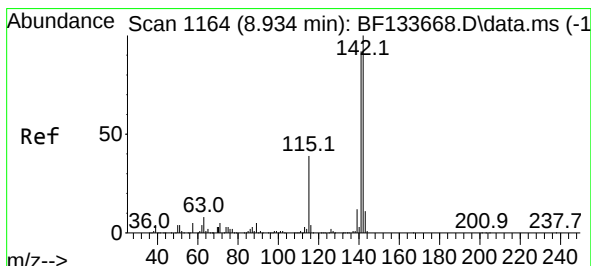
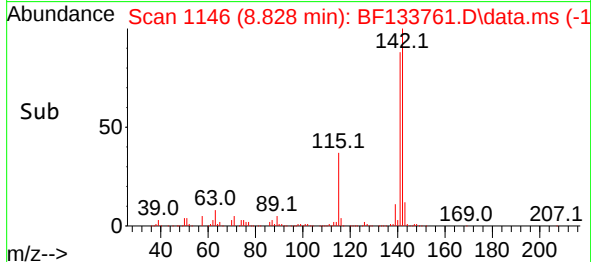
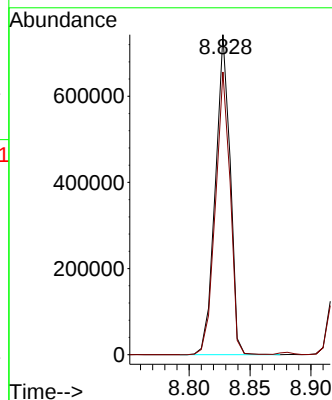
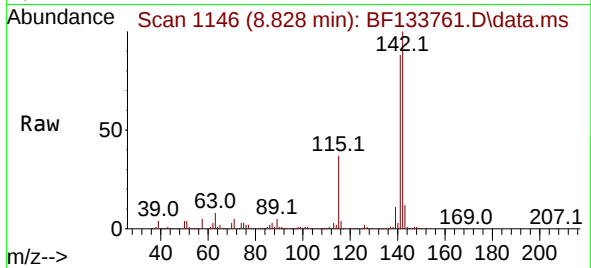




#37
2-Methylnaphthalene
Concen: 36.204 ng
RT: 8.828 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BF133761.D
Acq: 14 Jun 2023 20:26

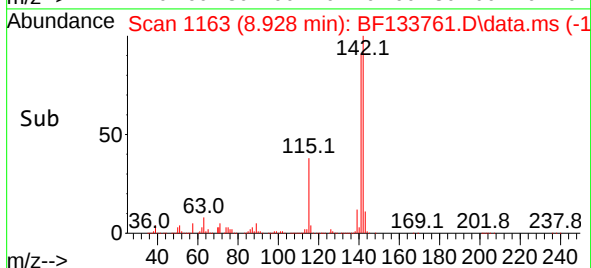
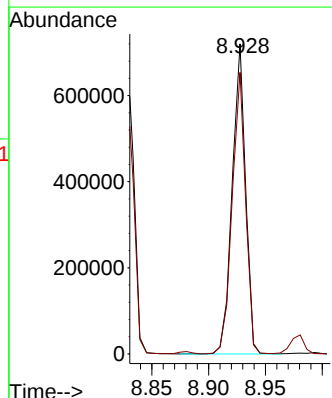
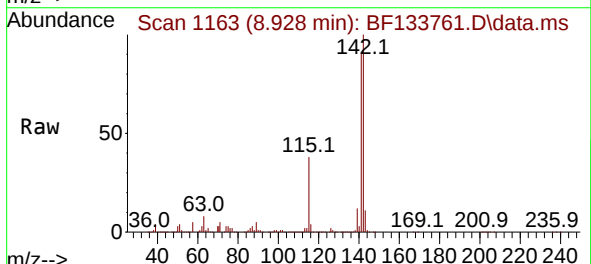
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

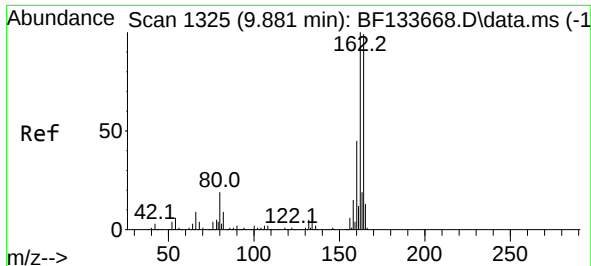
Tgt Ion:142 Resp: 625910
Ion Ratio Lower Upper
142 100
141 88.4 69.8 104.8



#38
1-Methylnaphthalene
Concen: 36.965 ng
RT: 8.928 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF133761.D
Acq: 14 Jun 2023 20:26

Tgt Ion:142 Resp: 588062
Ion Ratio Lower Upper
142 100
141 90.8 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133761.D

Acq: 14 Jun 2023 20:26

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

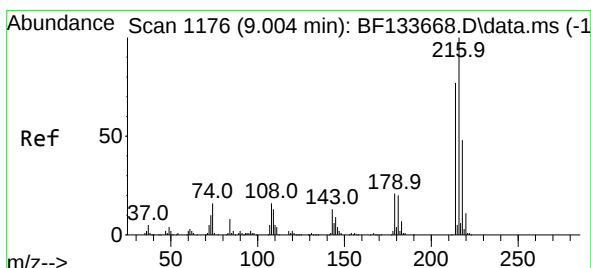
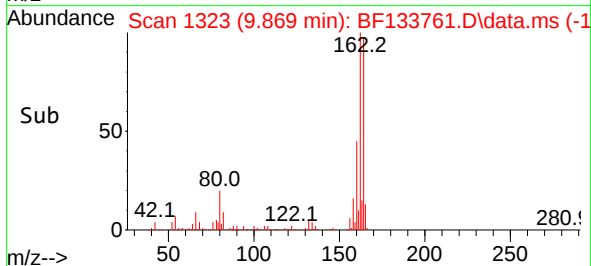
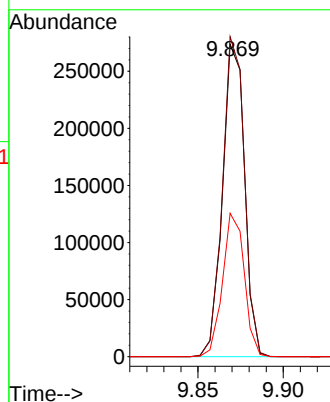
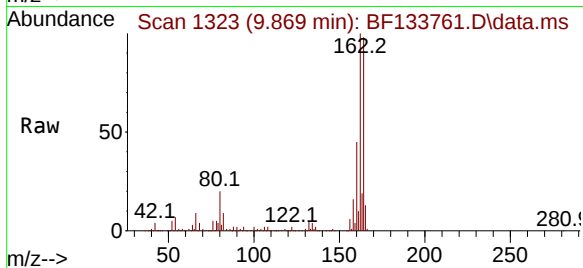
Tgt Ion:164 Resp: 246688

Ion Ratio Lower Upper

164 100

162 102.4 80.8 121.2

160 45.9 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.440 ng

RT: 8.992 min Scan# 1174

Delta R.T. -0.006 min

Lab File: BF133761.D

Acq: 14 Jun 2023 20:26

Tgt Ion:216 Resp: 295784

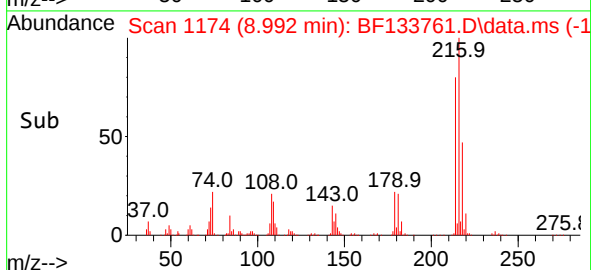
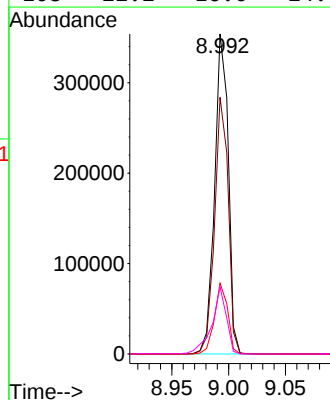
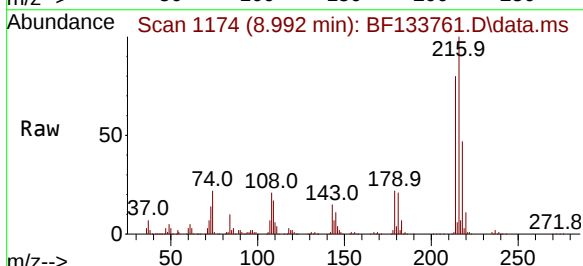
Ion Ratio Lower Upper

216 100

214 79.8 62.7 94.1

179 21.5 17.6 26.4

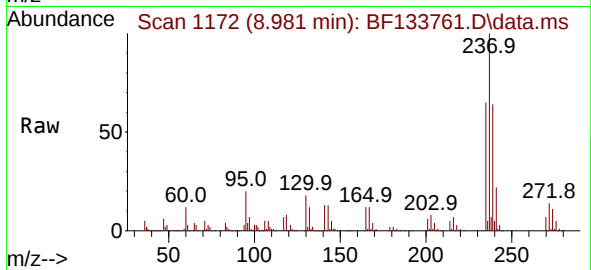
108 22.2 16.0 24.0



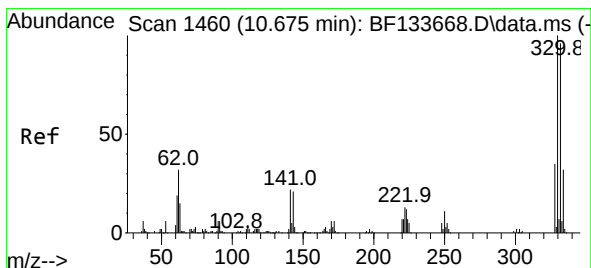
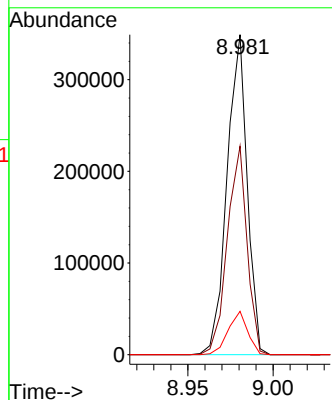
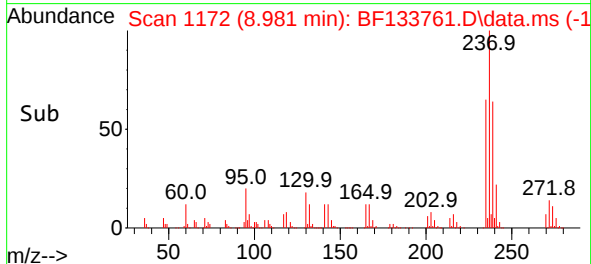


#41
Hexachlorocyclopentadiene
Concen: 86.025 ng
RT: 8.981 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF133761.D
Acq: 14 Jun 2023 20:26

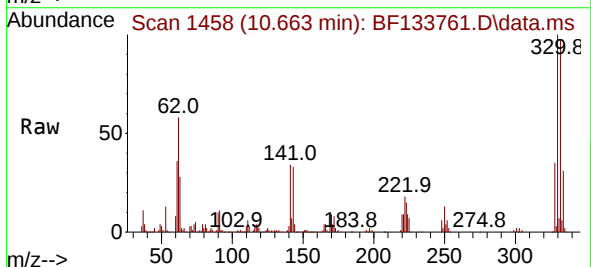
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



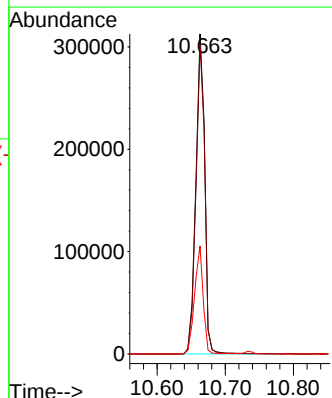
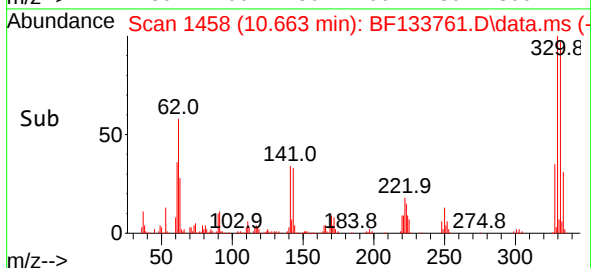
Tgt Ion:237 Resp: 287499
Ion Ratio Lower Upper
237 100
235 65.2 40.6 80.6
272 13.5 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 90.775 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF133761.D
Acq: 14 Jun 2023 20:26



Tgt Ion:330 Resp: 283457
Ion Ratio Lower Upper
330 100
332 96.0 77.2 115.8
141 32.7 24.9 37.3

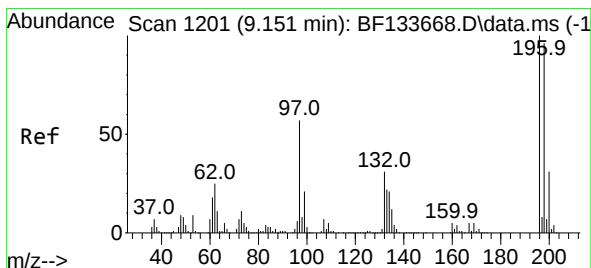
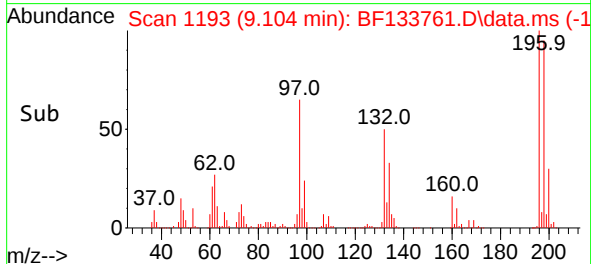
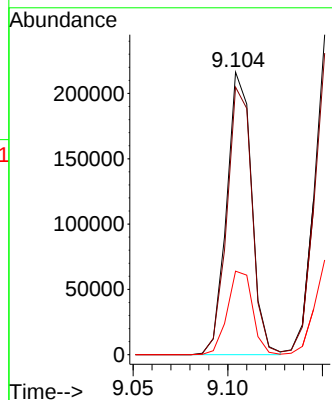
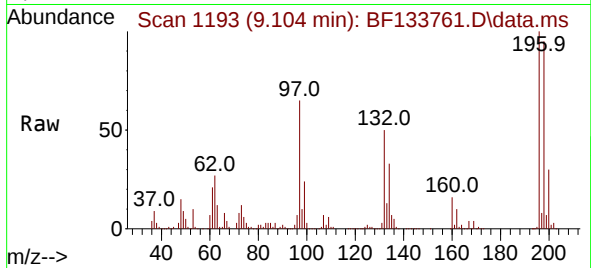




#43
2,4,6-Trichlorophenol
Concen: 39.553 ng
RT: 9.104 min Scan# 1194
Delta R.T. -0.006 min
Lab File: BF133761.D
Acq: 14 Jun 2023 20:26

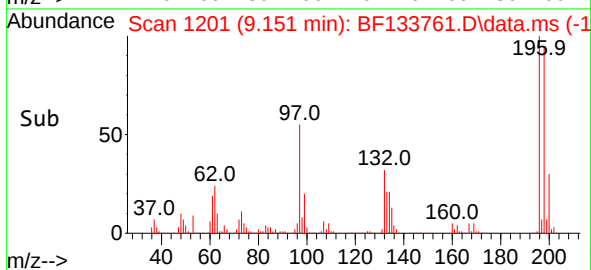
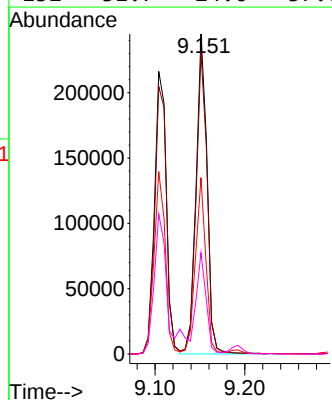
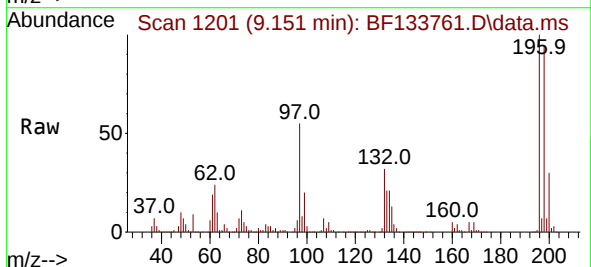
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

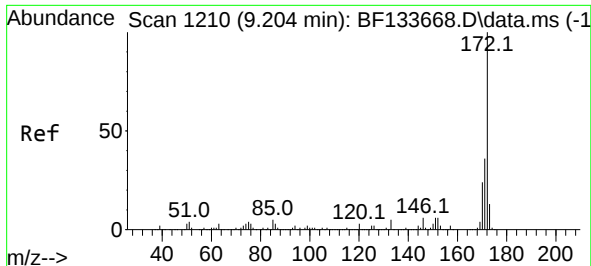
Tgt Ion:196 Resp: 198221
Ion Ratio Lower Upper
196 100
198 94.6 74.5 111.7
200 29.5 22.9 34.3



#44
2,4,5-Trichlorophenol
Concen: 35.868 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF133761.D
Acq: 14 Jun 2023 20:26

Tgt Ion:196 Resp: 209120
Ion Ratio Lower Upper
196 100
198 94.3 76.8 115.2
97 55.1 45.4 68.2
132 31.7 24.6 37.0





#45

2-Fluorobiphenyl

Concen: 70.191 ng

RT: 9.192 min Scan# 1208

Delta R.T. 0.000 min

Lab File: BF133761.D

Acq: 14 Jun 2023 20:26

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

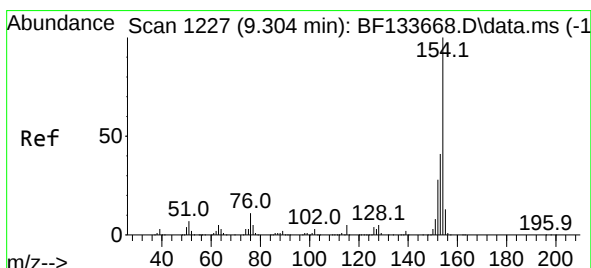
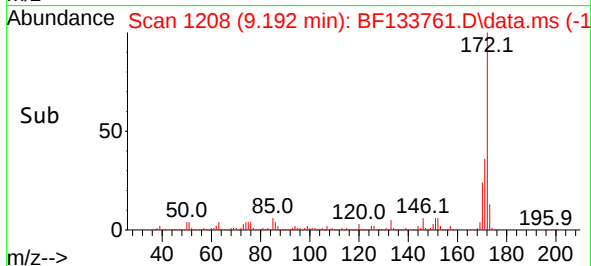
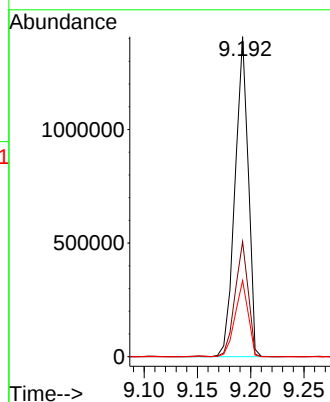
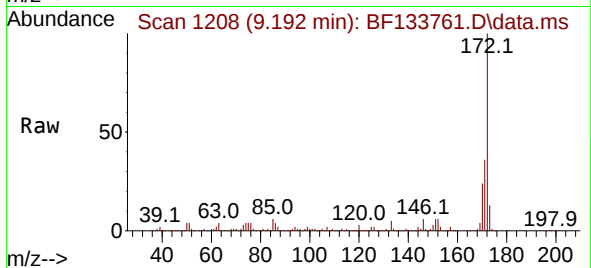
Tgt Ion:172 Resp: 1218087

Ion Ratio Lower Upper

172 100

171 36.0 28.6 43.0

170 23.8 19.1 28.7



#46

1,1'-Biphenyl

Concen: 39.870 ng

RT: 9.292 min Scan# 1225

Delta R.T. -0.006 min

Lab File: BF133761.D

Acq: 14 Jun 2023 20:26

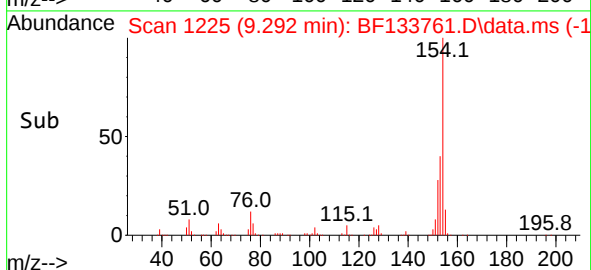
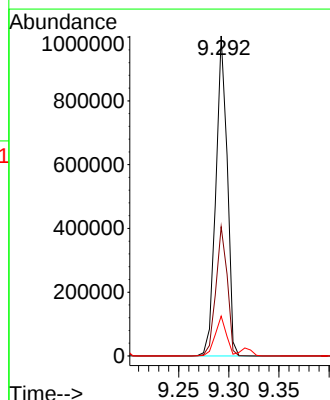
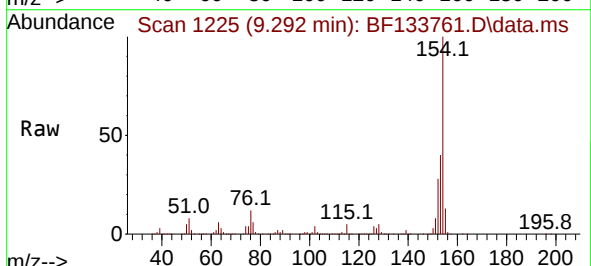
Tgt Ion:154 Resp: 793251

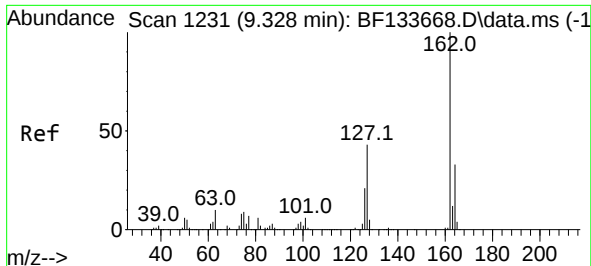
Ion Ratio Lower Upper

154 100

153 40.4 20.6 60.6

76 12.4 0.0 31.0





#47

2-Chloronaphthalene

Concen: 40.442 ng

RT: 9.316 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133761.D

Acq: 14 Jun 2023 20:26

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

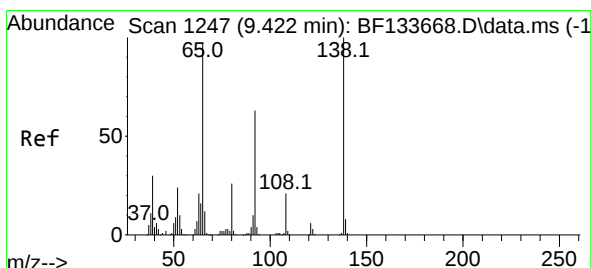
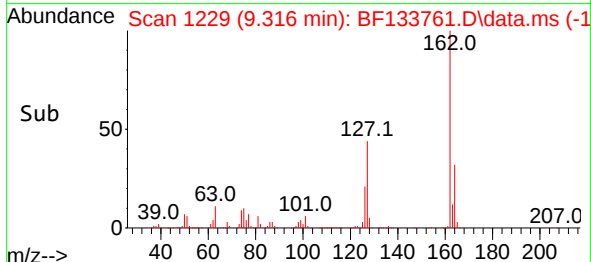
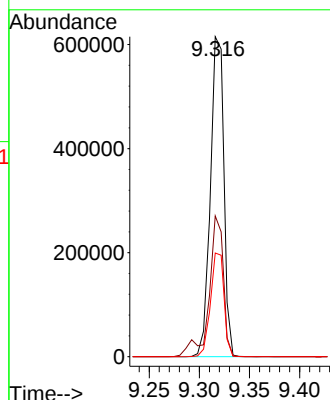
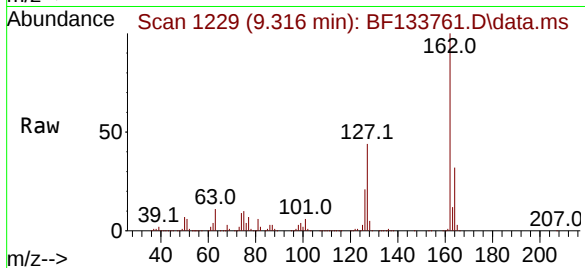
Tgt Ion:162 Resp: 577168

Ion Ratio Lower Upper

162 100

127 44.0 34.6 52.0

164 32.4 26.4 39.6



#48

2-Nitroaniline

Concen: 35.821 ng

RT: 9.416 min Scan# 1246

Delta R.T. 0.000 min

Lab File: BF133761.D

Acq: 14 Jun 2023 20:26

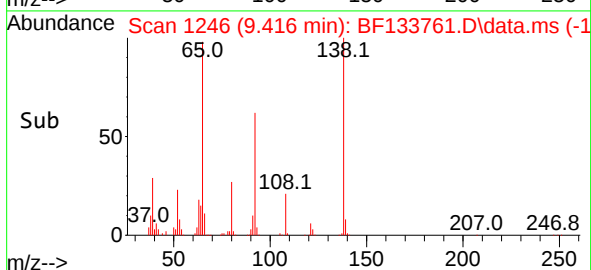
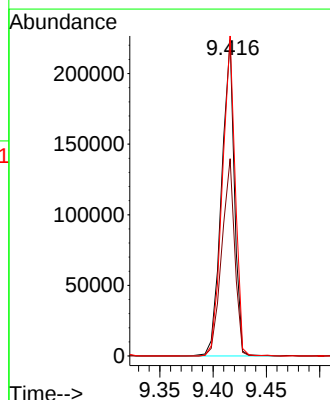
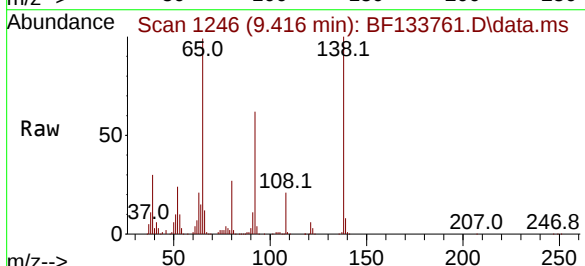
Tgt Ion: 65 Resp: 186966

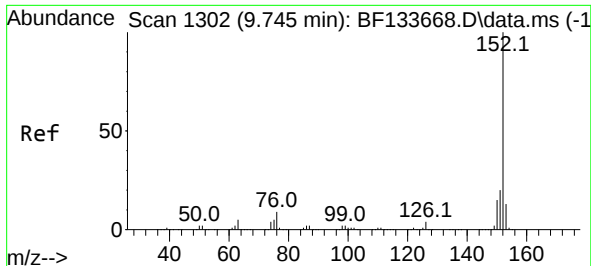
Ion Ratio Lower Upper

65 100

92 62.4 51.8 77.6

138 101.1 82.1 123.1





#49

Acenaphthylene

Concen: 36.953 ng

RT: 9.733 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133761.D

Acq: 14 Jun 2023 20:26

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

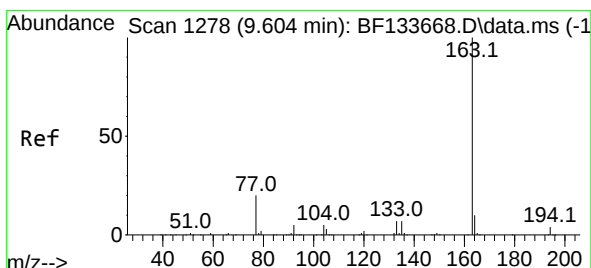
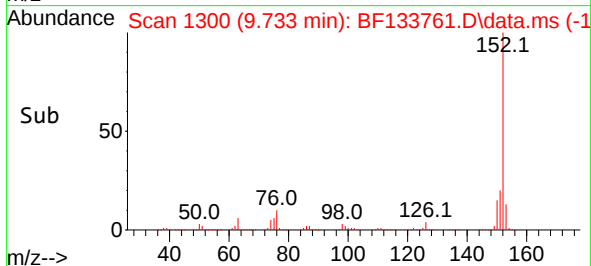
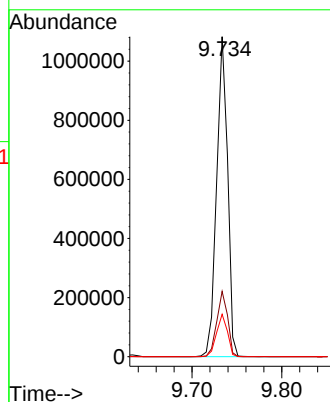
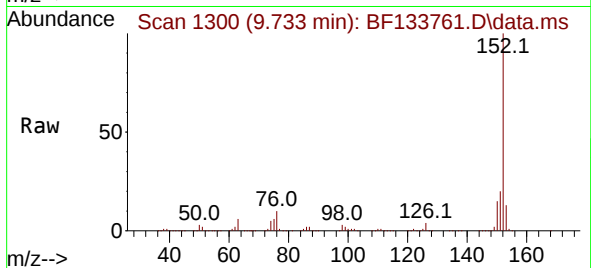
Tgt Ion:152 Resp: 917892

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4

153 13.2 10.4 15.6



#50

Dimethylphthalate

Concen: 38.161 ng

RT: 9.598 min Scan# 1277

Delta R.T. 0.000 min

Lab File: BF133761.D

Acq: 14 Jun 2023 20:26

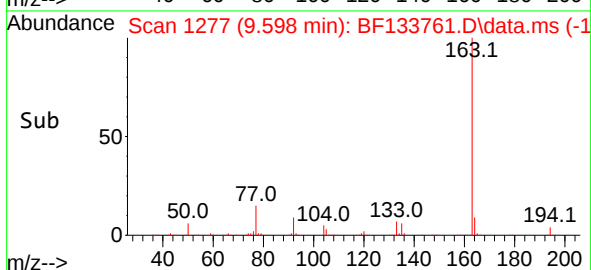
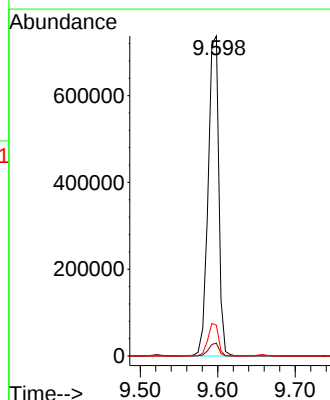
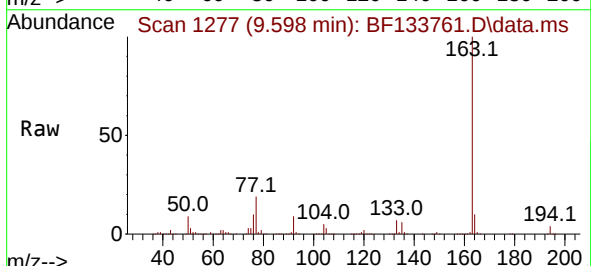
Tgt Ion:163 Resp: 702680

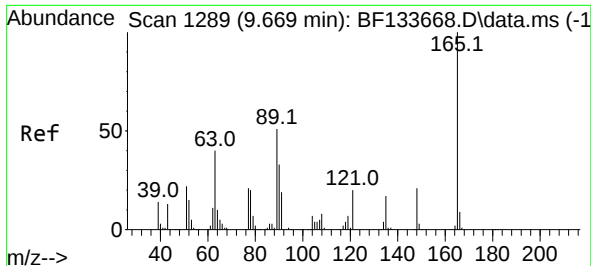
Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

164 9.6 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 39.318 ng

RT: 9.657 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133761.D

Acq: 14 Jun 2023 20:26

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

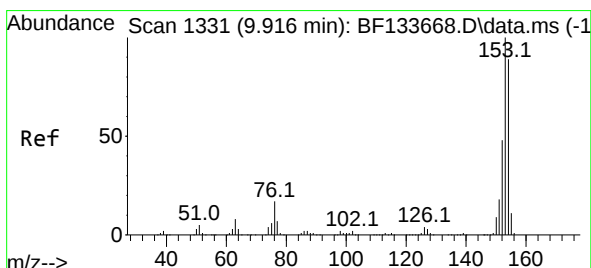
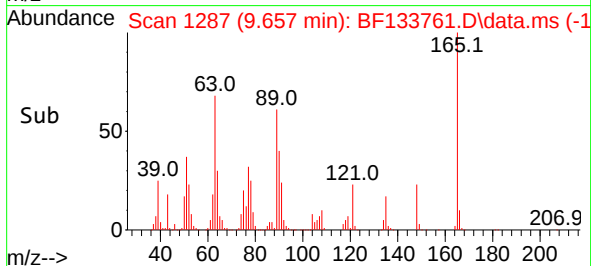
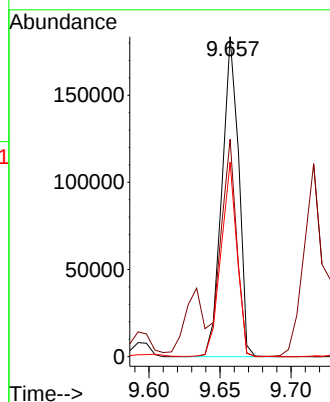
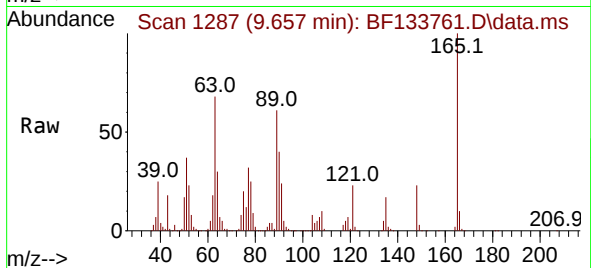
Tgt Ion:165 Resp: 149433

Ion Ratio Lower Upper

165 100

63 68.0 42.1 63.1#

89 60.8 40.9 61.3



#52

Acenaphthene

Concen: 38.127 ng

RT: 9.904 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF133761.D

Acq: 14 Jun 2023 20:26

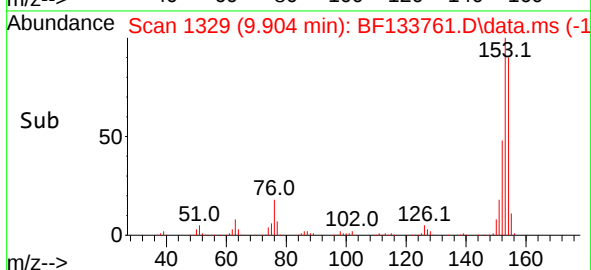
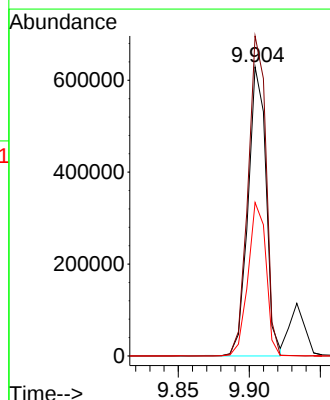
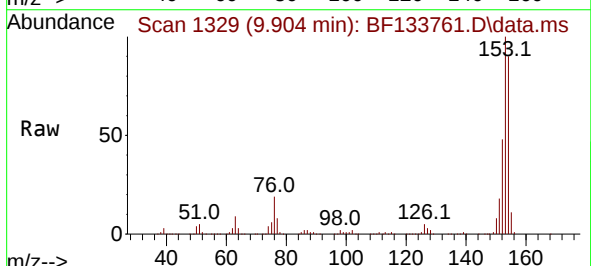
Tgt Ion:154 Resp: 554351

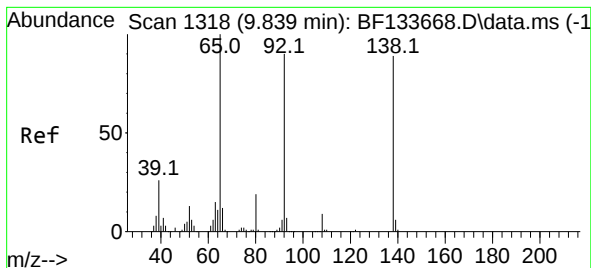
Ion Ratio Lower Upper

154 100

153 110.7 89.8 134.8

152 53.1 43.4 65.2





#53

3-Nitroaniline

Concen: 4.669 ng

RT: 9.822 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133761.D

Acq: 14 Jun 2023 20:26

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

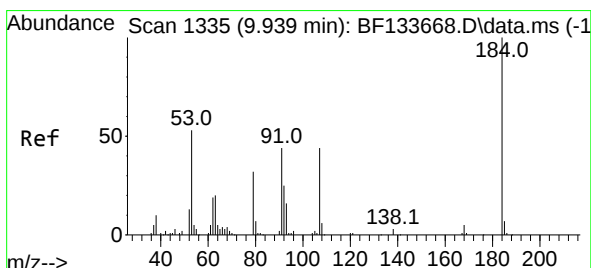
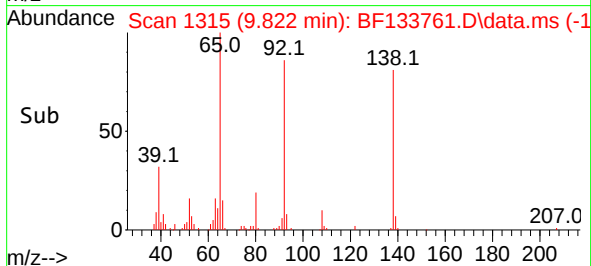
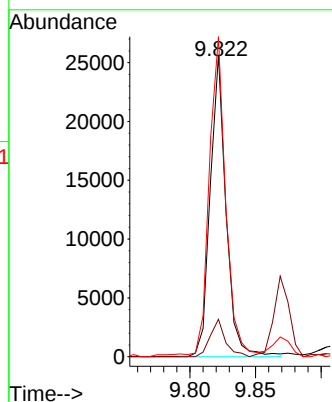
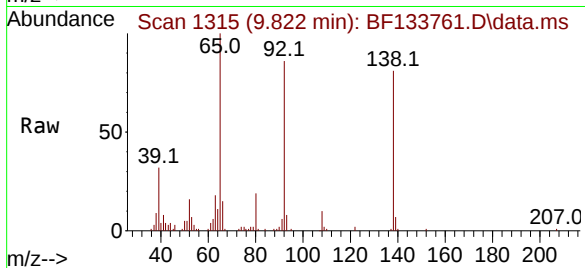
Tgt Ion:138 Resp: 21597

Ion Ratio Lower Upper

138 100

108 12.4 8.2 12.4#

92 106.0 81.0 121.6



#54

2,4-Dinitrophenol

Concen: 76.954 ng

RT: 9.933 min Scan# 1334

Delta R.T. 0.000 min

Lab File: BF133761.D

Acq: 14 Jun 2023 20:26

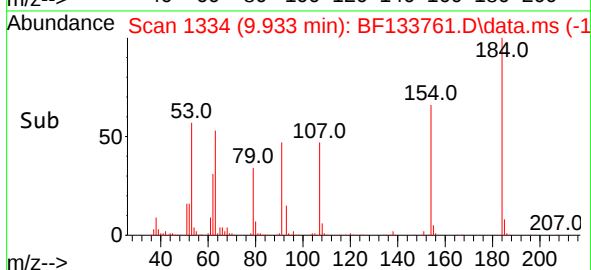
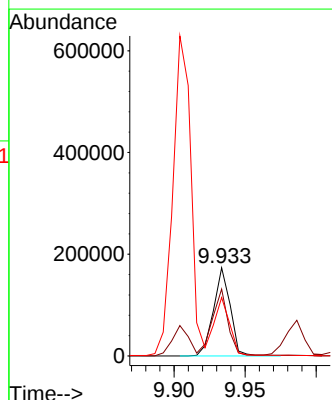
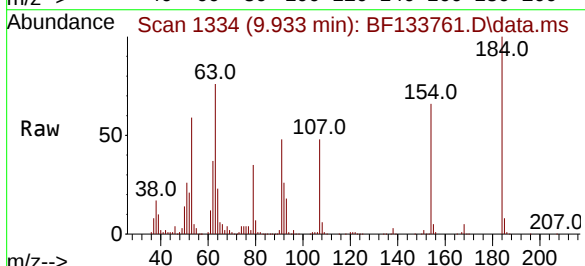
Tgt Ion:184 Resp: 142487

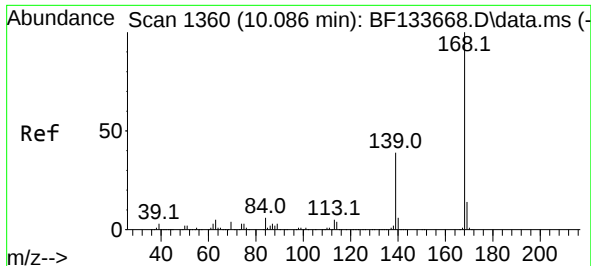
Ion Ratio Lower Upper

184 100

63 75.8 55.3 82.9

154 66.1 51.9 77.9

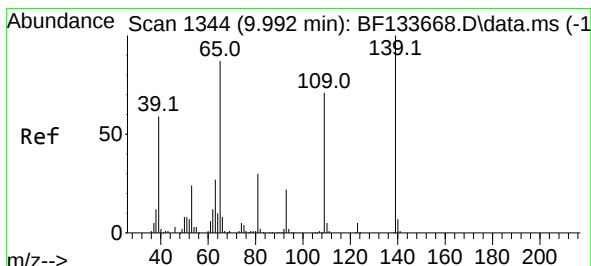
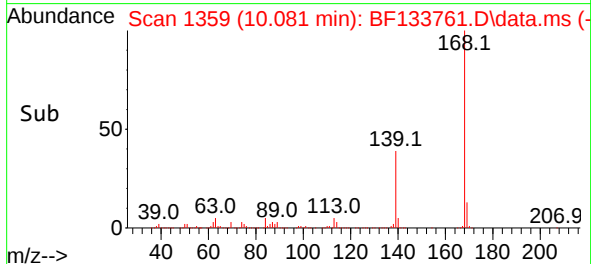
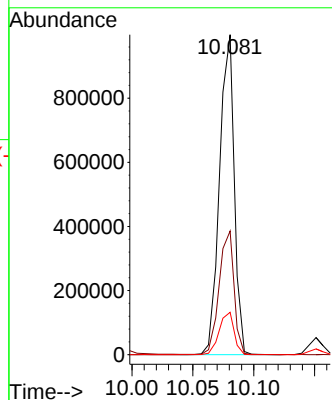
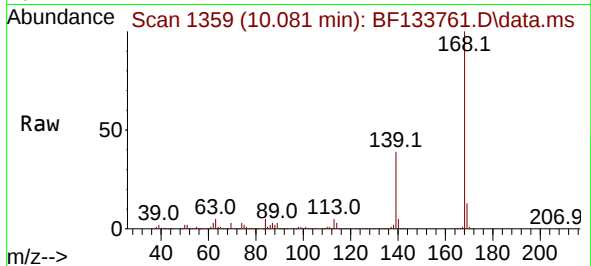




#55
Dibenzofuran
Concen: 37.887 ng
RT: 10.081 min Scan# 1359
Delta R.T. 0.000 min
Lab File: BF133761.D
Acq: 14 Jun 2023 20:26

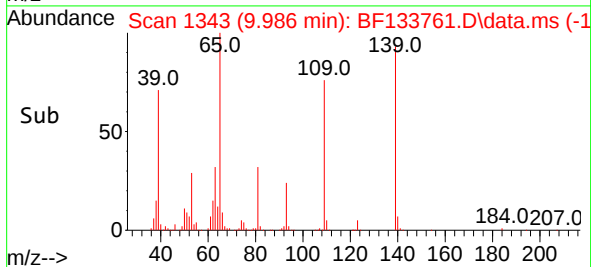
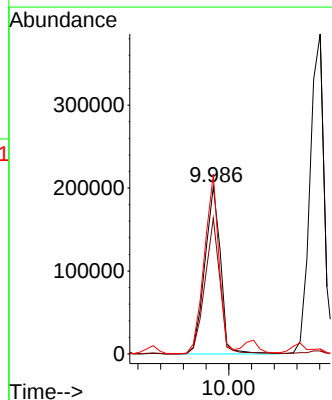
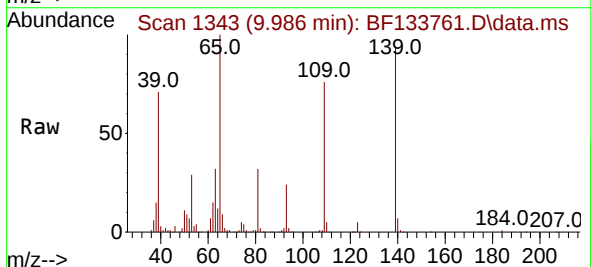
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

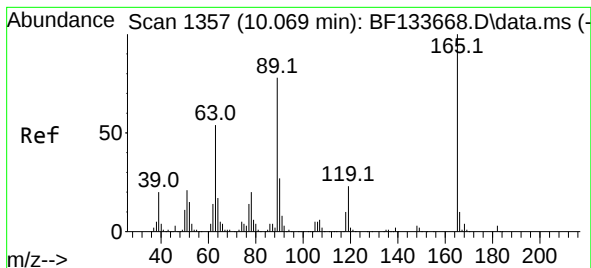
Tgt Ion:168 Resp: 840565
Ion Ratio Lower Upper
168 100
139 38.6 30.9 46.3
169 13.3 10.9 16.3



#56
4-Nitrophenol
Concen: 62.076 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.000 min
Lab File: BF133761.D
Acq: 14 Jun 2023 20:26

Tgt Ion:139 Resp: 193769
Ion Ratio Lower Upper
139 100
109 81.1 50.7 90.7
65 107.5 67.1 107.1#

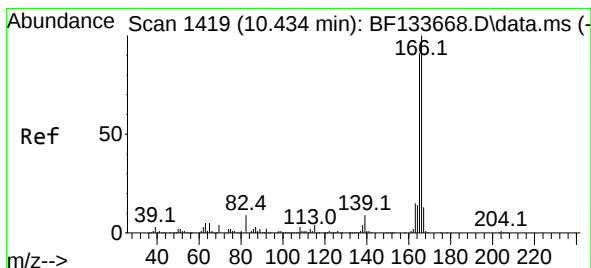
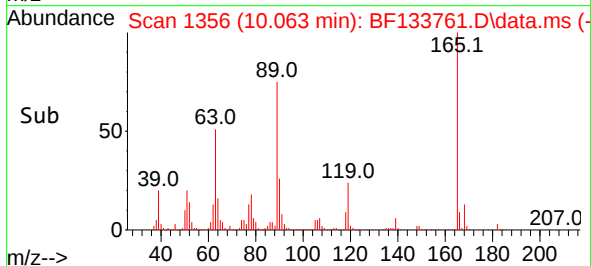
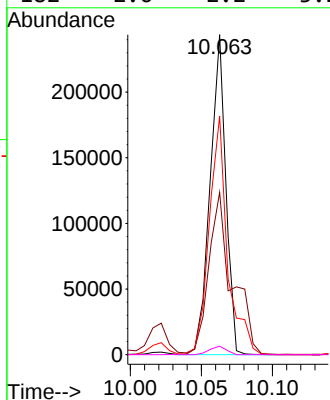
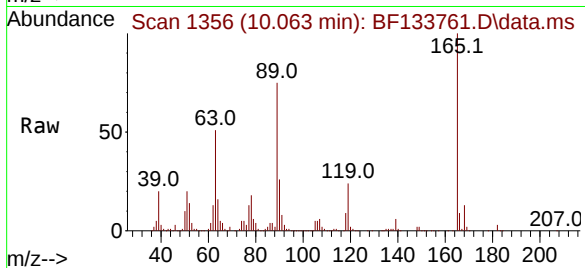




#57
2,4-Dinitrotoluene
Concen: 38.824 ng
RT: 10.063 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133761.D
Acq: 14 Jun 2023 20:26

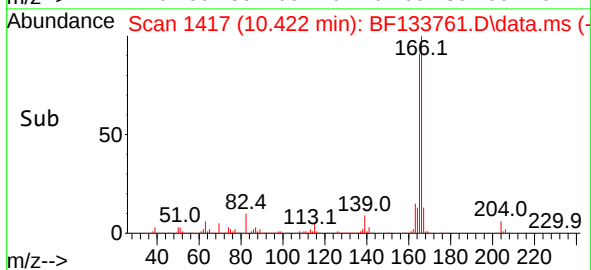
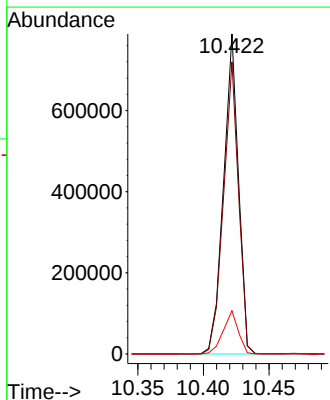
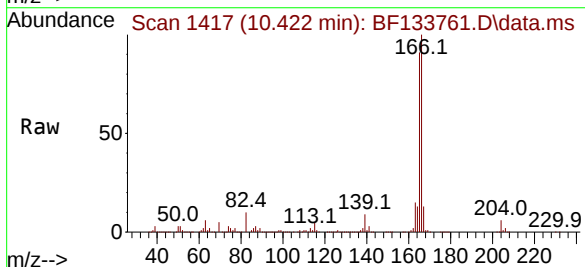
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion:165 Resp: 187663
Ion Ratio Lower Upper
165 100
63 50.8 43.0 64.6
89 74.6 62.6 93.8
182 2.6 2.2 3.2



#58
Fluorene
Concen: 36.747 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF133761.D
Acq: 14 Jun 2023 20:26

Tgt Ion:166 Resp: 623448
Ion Ratio Lower Upper
166 100
165 91.3 73.1 109.7
167 13.5 10.5 15.7

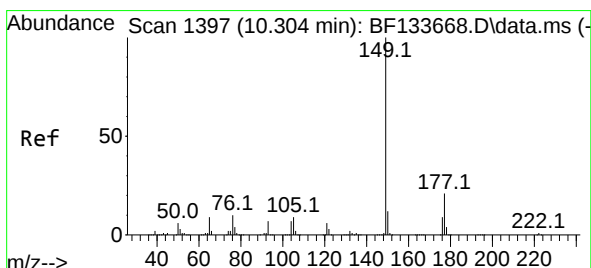
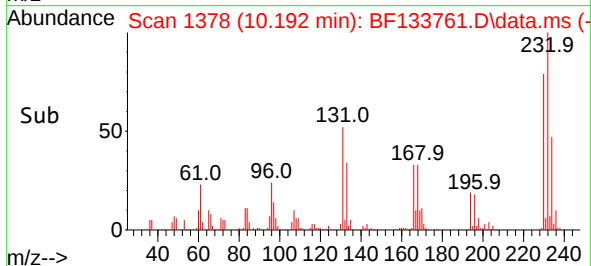
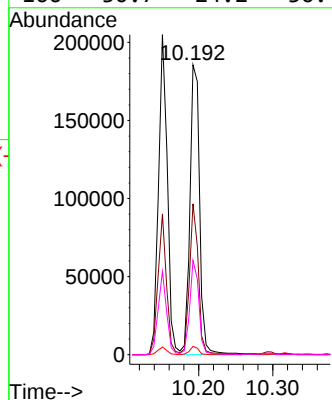
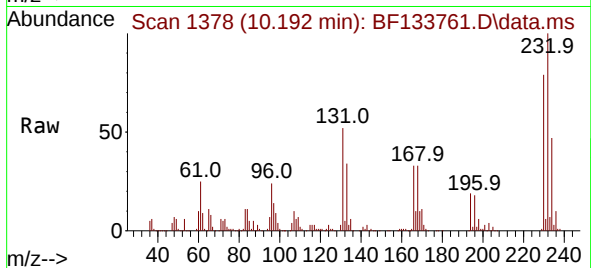




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.910 ng
RT: 10.192 min Scan# 1378
Delta R.T. -0.006 min
Lab File: BF133761.D
Acq: 14 Jun 2023 20:26

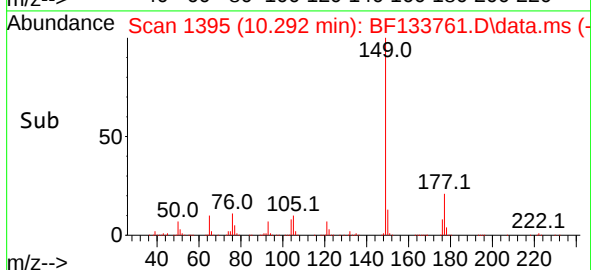
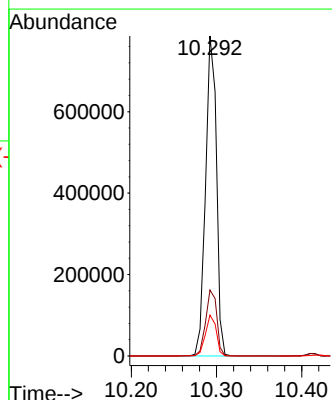
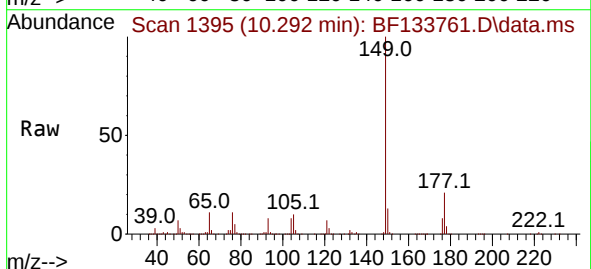
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

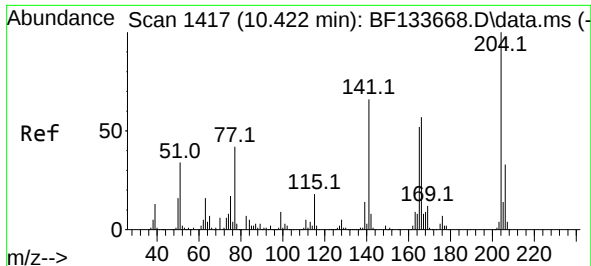
Tgt Ion:232 Resp: 169844
Ion Ratio Lower Upper
232 100
131 47.0 38.0 57.0
130 2.6 1.8 2.8
166 30.7 24.2 36.4



#60
Diethylphthalate
Concen: 37.218 ng
RT: 10.292 min Scan# 1395
Delta R.T. -0.006 min
Lab File: BF133761.D
Acq: 14 Jun 2023 20:26

Tgt Ion:149 Resp: 697471
Ion Ratio Lower Upper
149 100
177 20.6 17.0 25.6
150 12.8 10.0 15.0

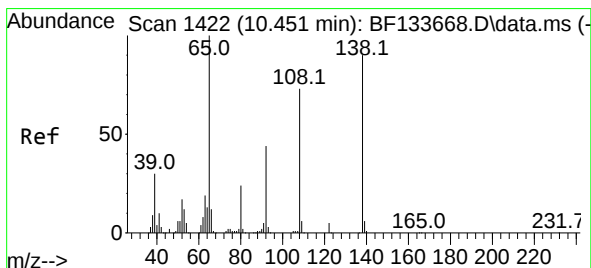
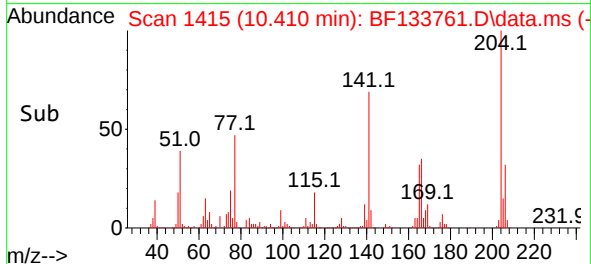
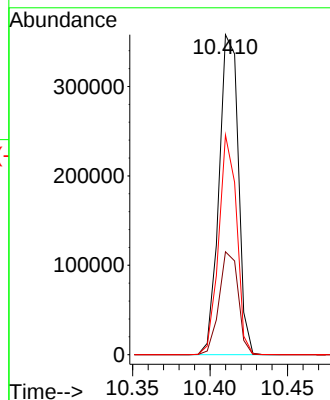
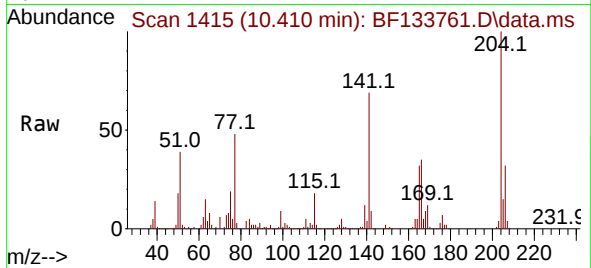




#61
4-Chlorophenyl-phenylether
Concen: 37.054 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF133761.D
Acq: 14 Jun 2023 20:26

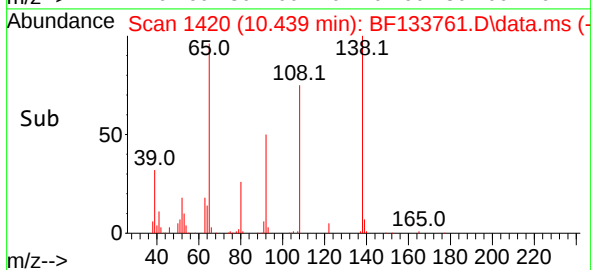
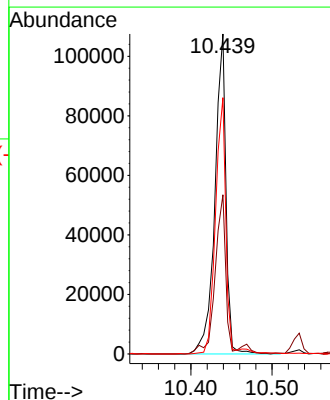
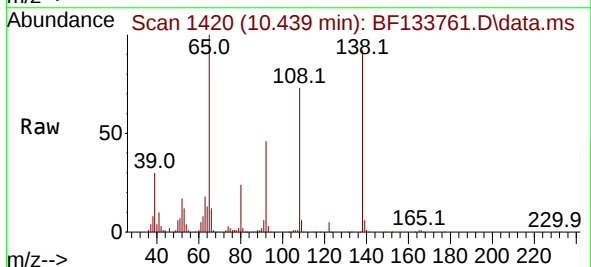
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion:204 Resp: 310351
Ion Ratio Lower Upper
204 100
206 32.2 26.4 39.6
141 68.7 52.8 79.2



#62
4-Nitroaniline
Concen: 22.499 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF133761.D
Acq: 14 Jun 2023 20:26

Tgt Ion:138 Resp: 102030
Ion Ratio Lower Upper
138 100
92 49.7 28.9 68.9
108 80.1 61.0 101.0





#63

Azobenzene

Concen: 35.908 ng

RT: 10.575 min Scan# 1443

Delta R.T. 0.000 min

Lab File: BF133761.D

Acq: 14 Jun 2023 20:26

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tgt Ion: 77 Resp: 637034

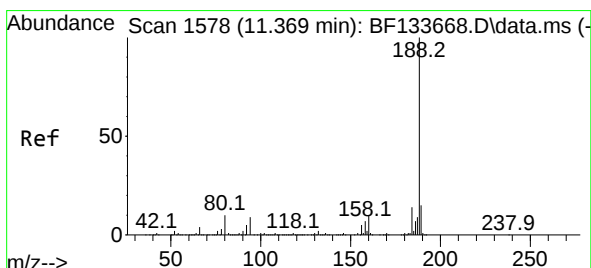
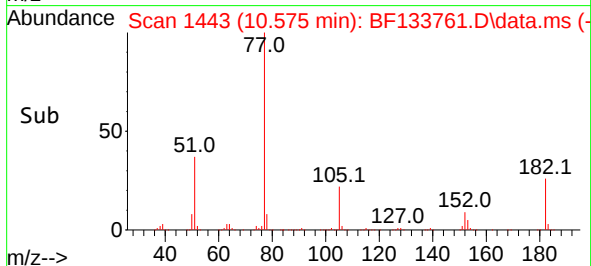
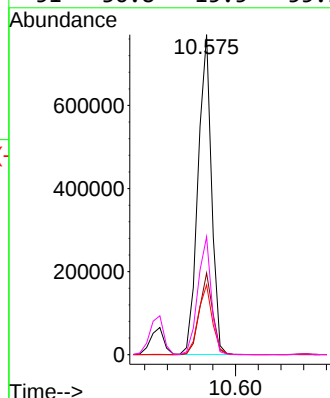
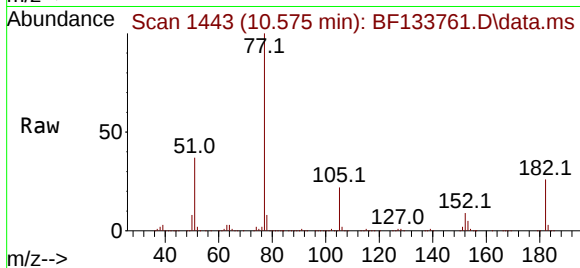
Ion Ratio Lower Upper

77 100

182 25.5 1.6 41.6

105 21.8 1.6 41.6

51 36.8 15.5 55.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1576

Delta R.T. -0.006 min

Lab File: BF133761.D

Acq: 14 Jun 2023 20:26

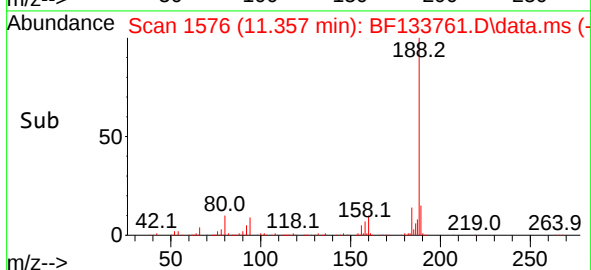
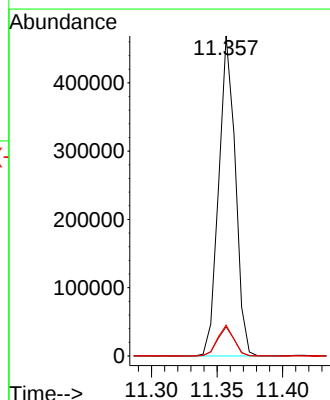
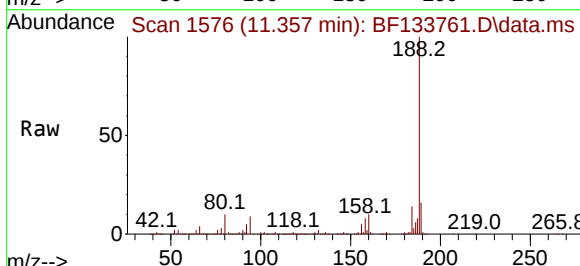
Tgt Ion: 188 Resp: 412401

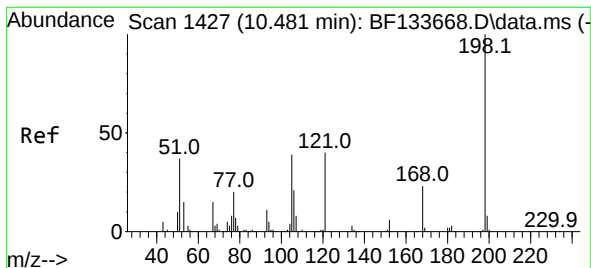
Ion Ratio Lower Upper

188 100

94 9.1 6.8 10.2

80 9.6 7.8 11.6

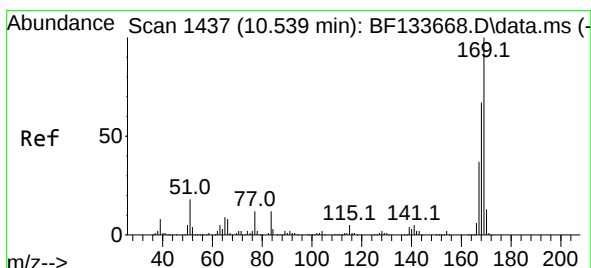
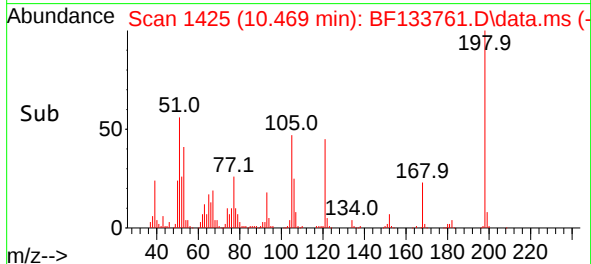
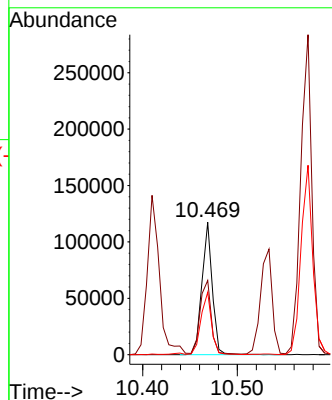
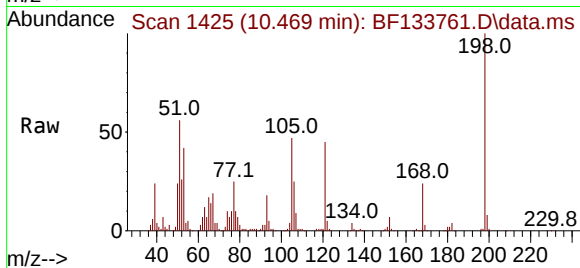




#65
4,6-Dinitro-2-methylphenol
Concen: 45.183 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF133761.D
Acq: 14 Jun 2023 20:26

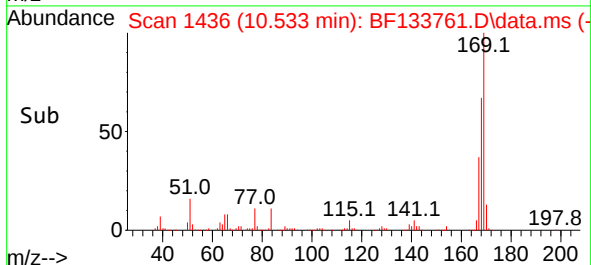
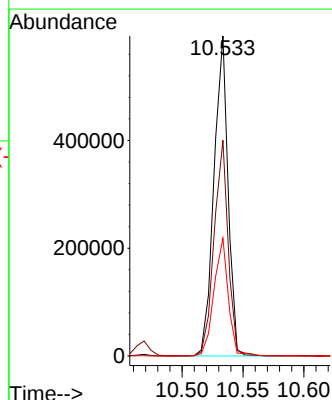
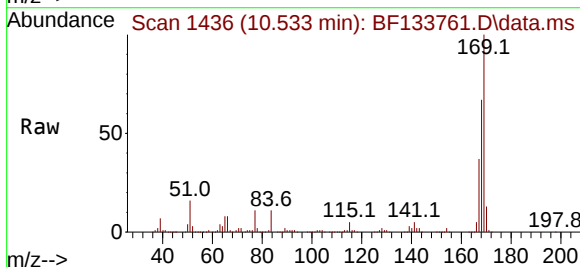
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

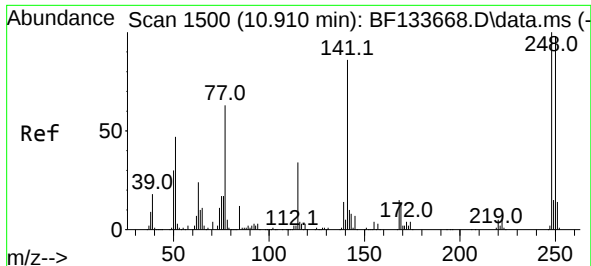
Tgt Ion:198 Resp: 89040
Ion Ratio Lower Upper
198 100
51 56.1 27.5 67.5
105 47.1 21.0 61.0



#66
n-Nitrosodiphenylamine
Concen: 34.614 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF133761.D
Acq: 14 Jun 2023 20:26

Tgt Ion:169 Resp: 479491
Ion Ratio Lower Upper
169 100
168 67.4 53.7 80.5
167 36.8 29.8 44.8





#67

4-Bromophenyl-phenylether

Concen: 40.318 ng

RT: 10.904 min Scan# 1499

Delta R.T. 0.000 min

Lab File: BF133761.D

Acq: 14 Jun 2023 20:26

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

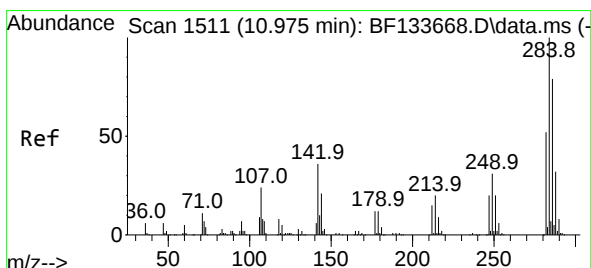
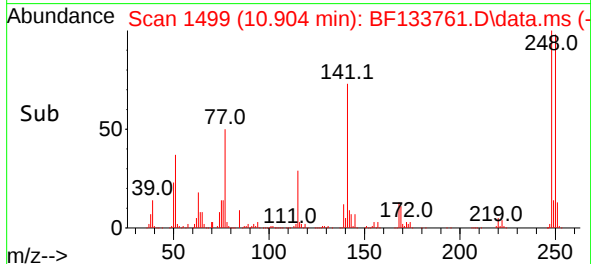
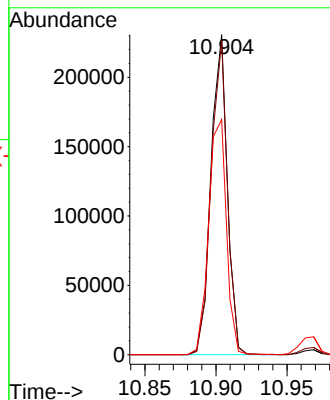
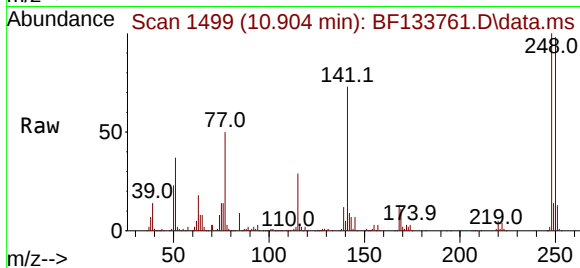
Tgt Ion:248 Resp: 185579

Ion Ratio Lower Upper

248 100

250 98.1 78.3 117.5

141 73.4 69.0 103.6



#68

Hexachlorobenzene

Concen: 40.686 ng

RT: 10.969 min Scan# 1510

Delta R.T. 0.000 min

Lab File: BF133761.D

Acq: 14 Jun 2023 20:26

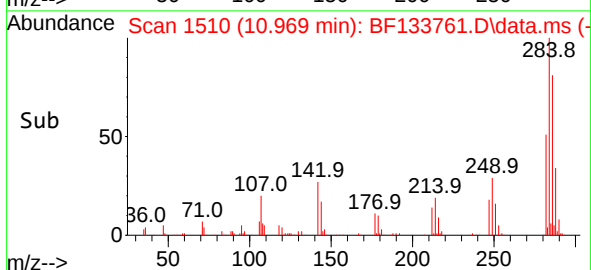
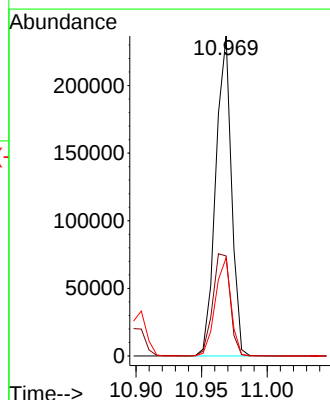
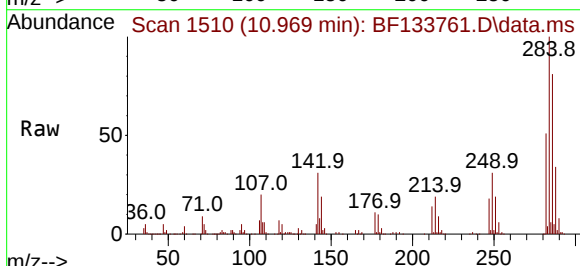
Tgt Ion:284 Resp: 196935

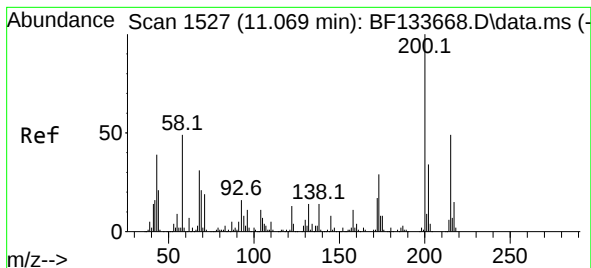
Ion Ratio Lower Upper

284 100

142 31.2 28.6 42.8

249 30.6 24.6 36.8





#69

Atrazine

Concen: 22.707 ng

RT: 11.057 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133761.D

Acq: 14 Jun 2023 20:26

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

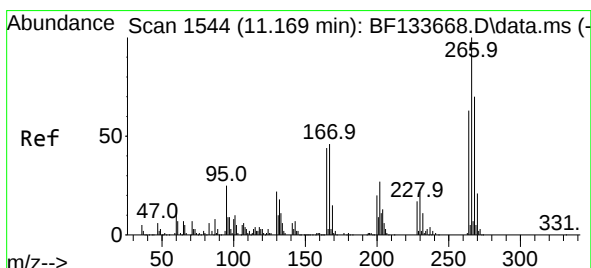
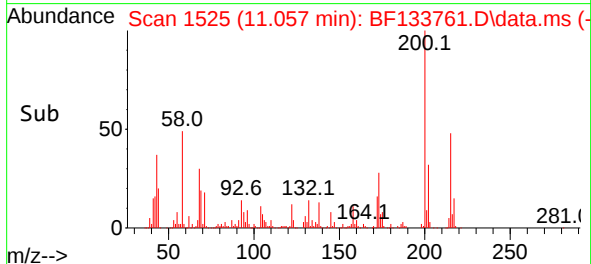
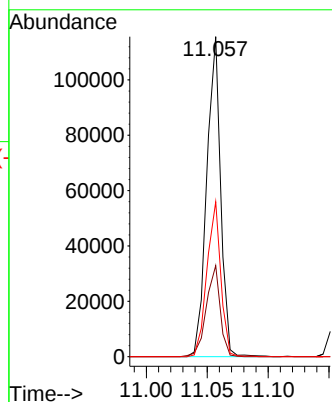
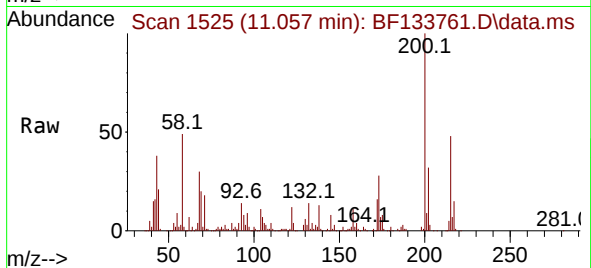
Tgt Ion:200 Resp: 91267

Ion Ratio Lower Upper

200 100

173 28.5 8.7 48.7

215 48.4 29.0 69.0



#70

Pentachlorophenol

Concen: 69.563 ng

RT: 11.163 min Scan# 1543

Delta R.T. 0.000 min

Lab File: BF133761.D

Acq: 14 Jun 2023 20:26

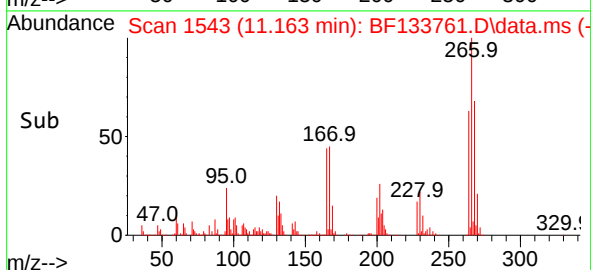
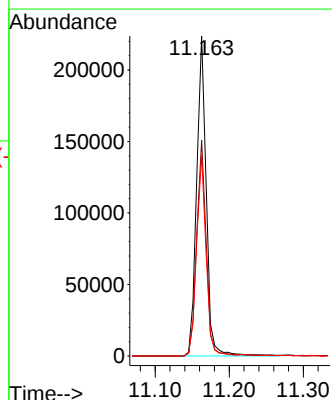
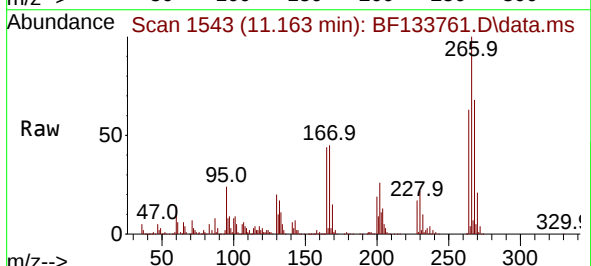
Tgt Ion:266 Resp: 201625

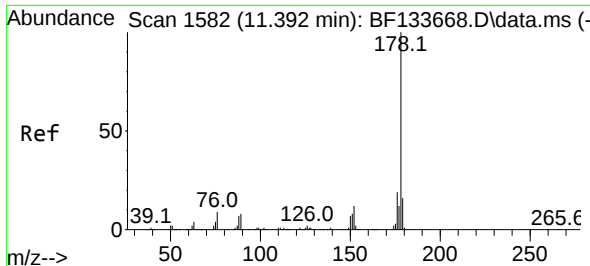
Ion Ratio Lower Upper

266 100

268 67.5 55.7 83.5

264 62.8 50.7 76.1

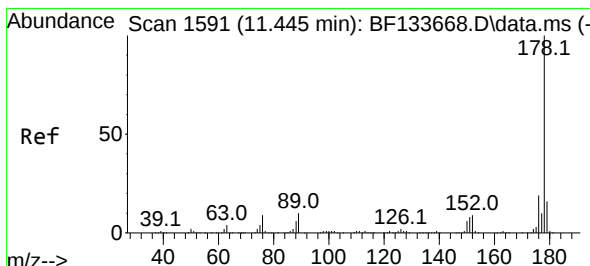
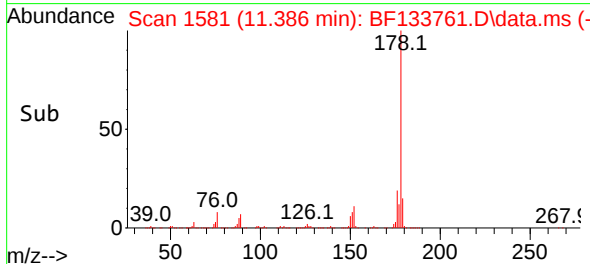
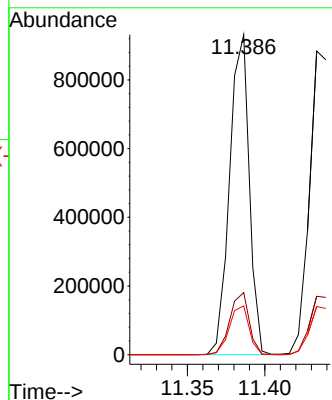
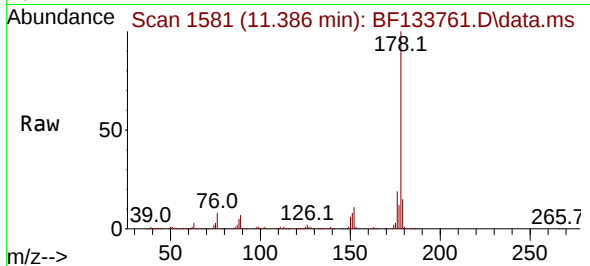




#71
Phenanthrene
Concen: 39.275 ng
RT: 11.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133761.D
Acq: 14 Jun 2023 20:26

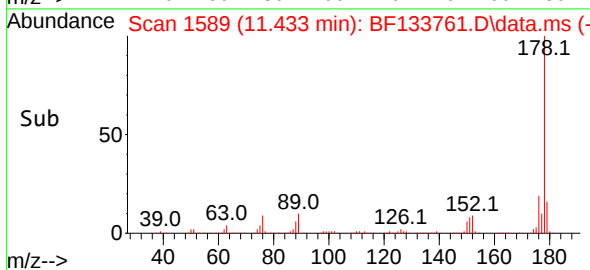
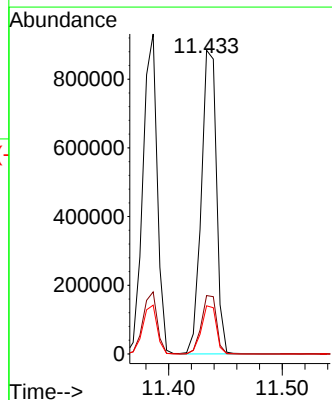
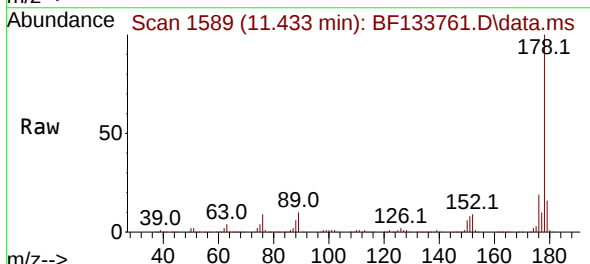
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

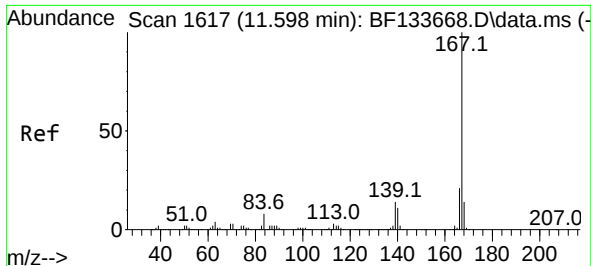
Tgt Ion:178 Resp: 821754
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 15.2 12.4 18.6



#72
Anthracene
Concen: 37.548 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF133761.D
Acq: 14 Jun 2023 20:26

Tgt Ion:178 Resp: 819159
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 15.8 12.6 18.8

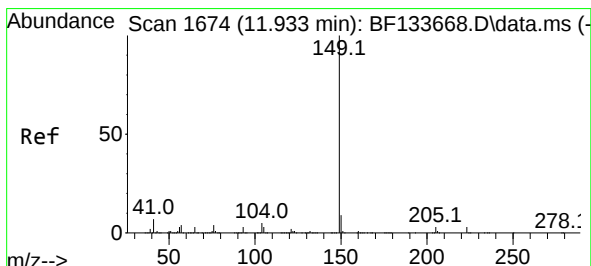
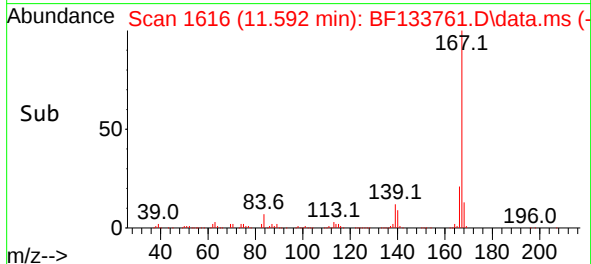
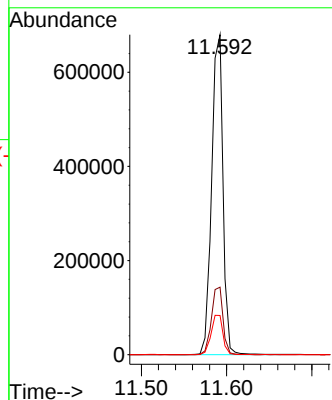
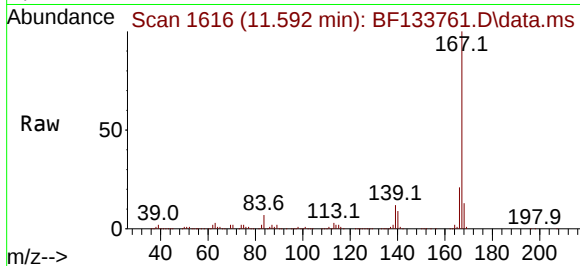




#73
Carbazole
Concen: 30.949 ng
RT: 11.592 min Scan# 1616
Delta R.T. -0.006 min
Lab File: BF133761.D
Acq: 14 Jun 2023 20:26

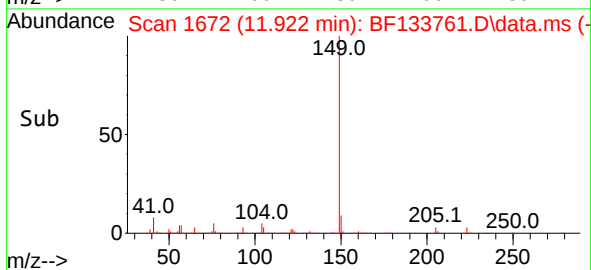
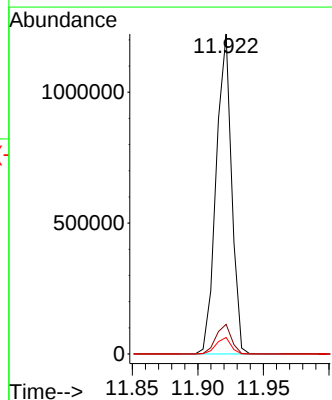
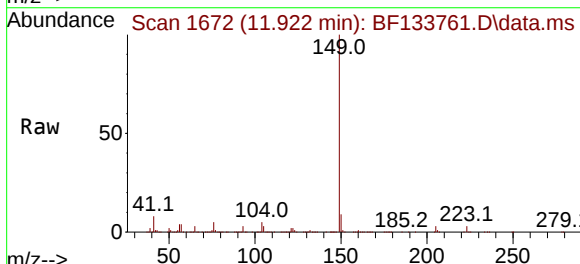
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

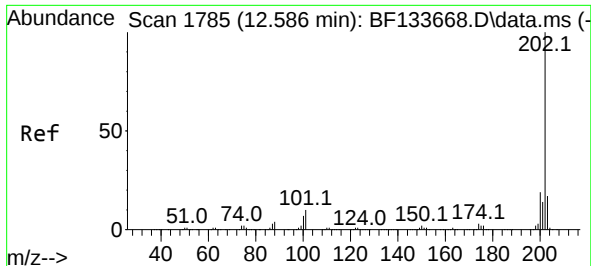
Tgt Ion:167 Resp: 628863
Ion Ratio Lower Upper
167 100
166 21.1 17.0 25.6
139 12.3 11.2 16.8



#74
Di-n-butylphthalate
Concen: 38.366 ng
RT: 11.922 min Scan# 1672
Delta R.T. 0.000 min
Lab File: BF133761.D
Acq: 14 Jun 2023 20:26

Tgt Ion:149 Resp: 999380
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.0
104 5.1 3.8 5.8

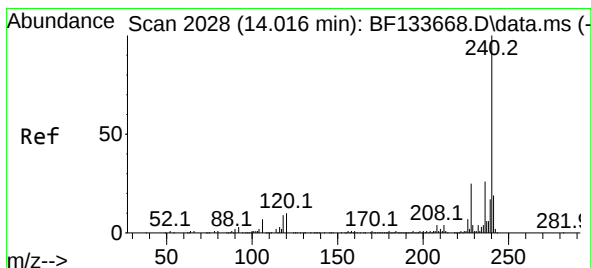
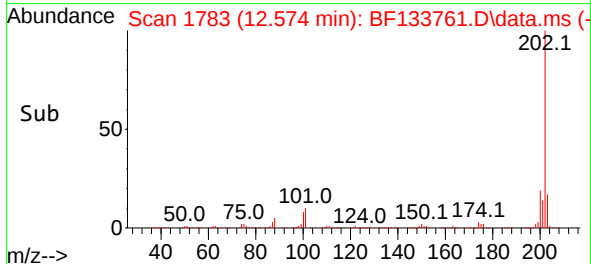
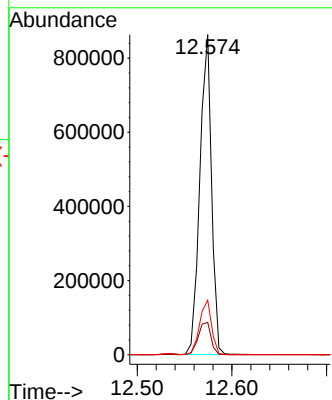
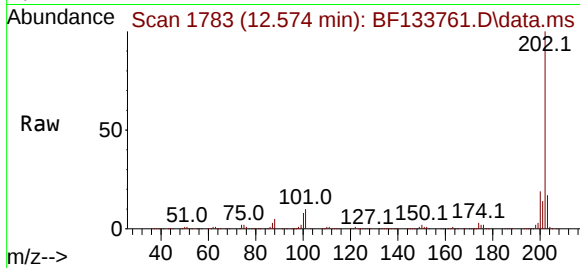




#75
Fluoranthene
Concen: 33.325 ng
RT: 12.574 min Scan# 1785
Delta R.T. -0.006 min
Lab File: BF133761.D
Acq: 14 Jun 2023 20:26

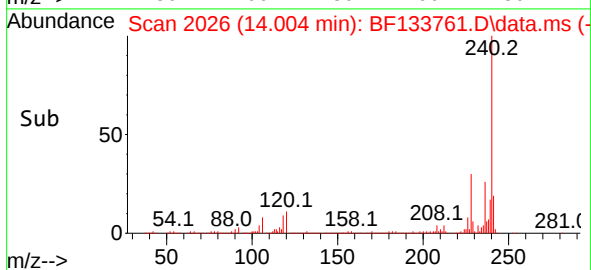
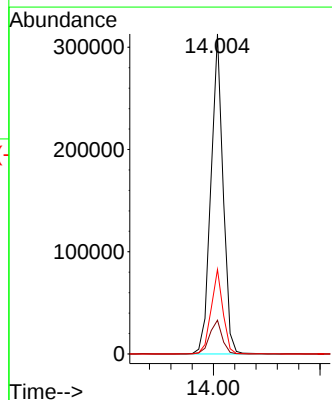
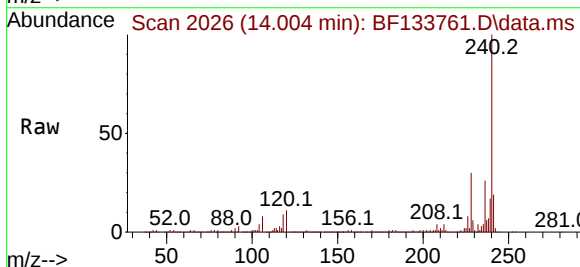
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

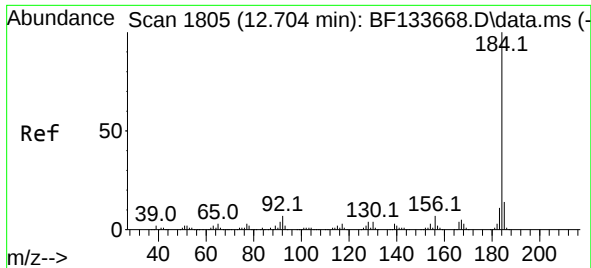
Tgt Ion:202 Resp: 740453
Ion Ratio Lower Upper
202 100
101 10.1 0.0 29.6
203 17.0 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF133761.D
Acq: 14 Jun 2023 20:26

Tgt Ion:240 Resp: 247634
Ion Ratio Lower Upper
240 100
120 10.6 8.1 12.1
236 26.4 20.5 30.7

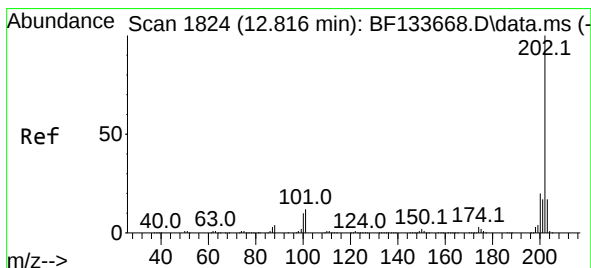
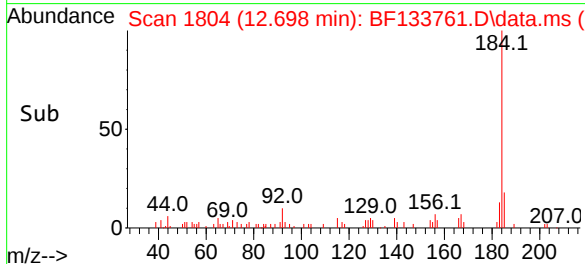
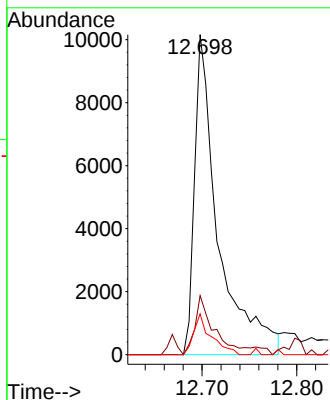
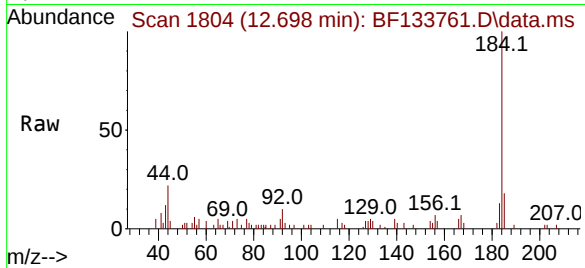




#77
Benzidine
Concen: 2.121 ng
RT: 12.698 min Scan# 1804
Delta R.T. 0.000 min
Lab File: BF133761.D
Acq: 14 Jun 2023 20:26

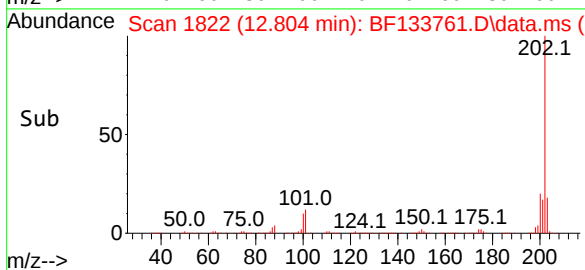
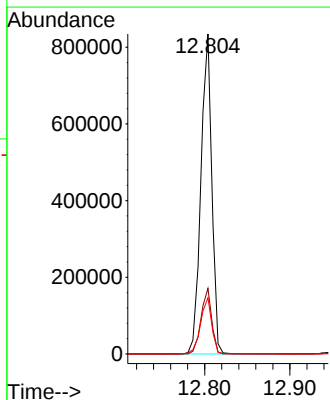
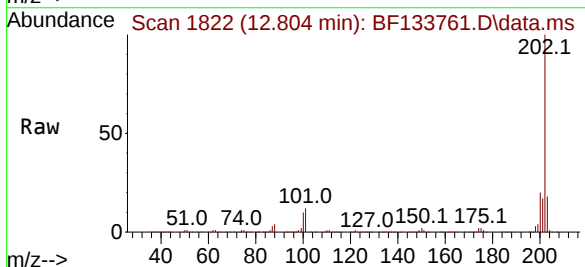
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion:184 Resp: 17625
Ion Ratio Lower Upper
184 100
185 18.4 11.6 17.4#
183 12.7 8.4 12.6#



#78
Pyrene
Concen: 32.167 ng
RT: 12.804 min Scan# 1822
Delta R.T. -0.006 min
Lab File: BF133761.D
Acq: 14 Jun 2023 20:26

Tgt Ion:202 Resp: 742039
Ion Ratio Lower Upper
202 100
200 20.5 16.2 24.2
203 17.5 13.9 20.9

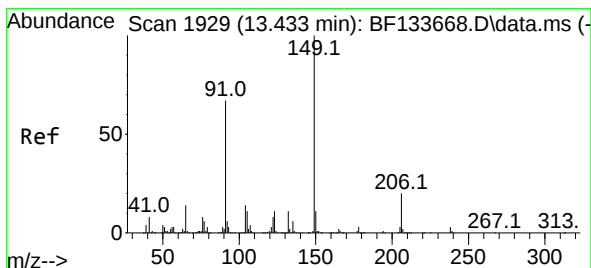
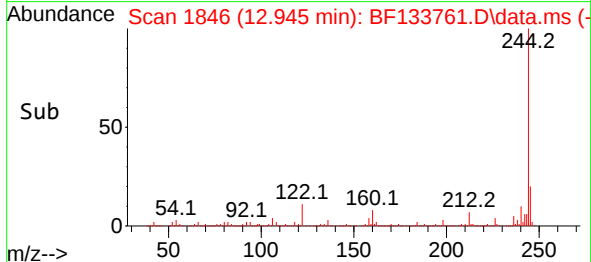
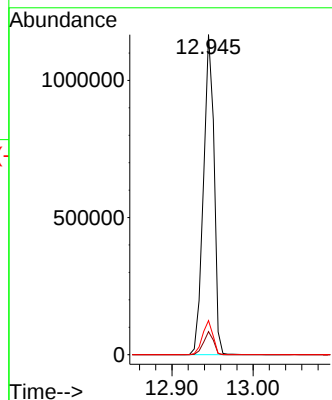
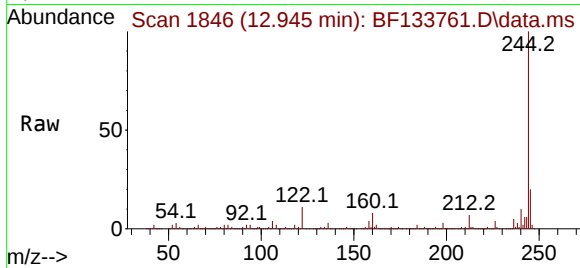




#79
 Terphenyl-d14
 Concen: 65.886 ng
 RT: 12.945 min Scan# 1846
 Delta R.T. -0.006 min
 Lab File: BF133761.D
 Acq: 14 Jun 2023 20:26

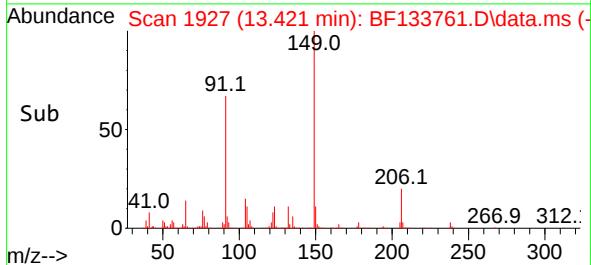
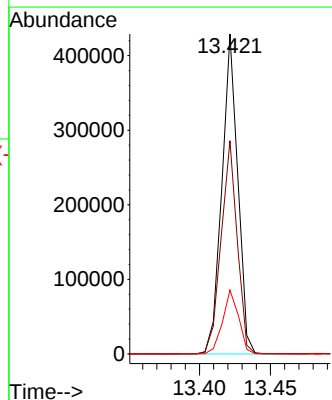
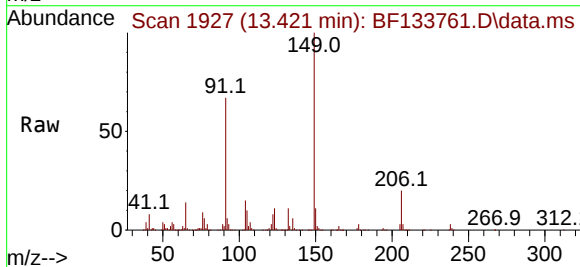
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

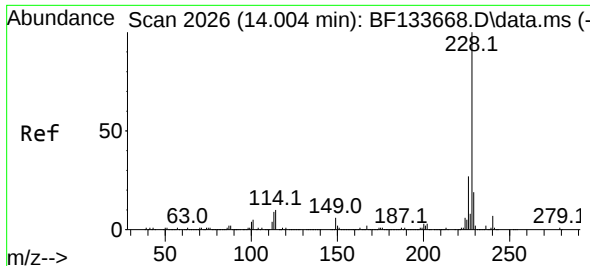
Tgt Ion:244 Resp: 1054425
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 10.6 8.1 12.1



#80
 Butylbenzylphthalate
 Concen: 34.228 ng
 RT: 13.421 min Scan# 1927
 Delta R.T. -0.006 min
 Lab File: BF133761.D
 Acq: 14 Jun 2023 20:26

Tgt Ion:149 Resp: 333331
 Ion Ratio Lower Upper
 149 100
 91 66.7 54.0 81.0
 206 19.9 15.6 23.4

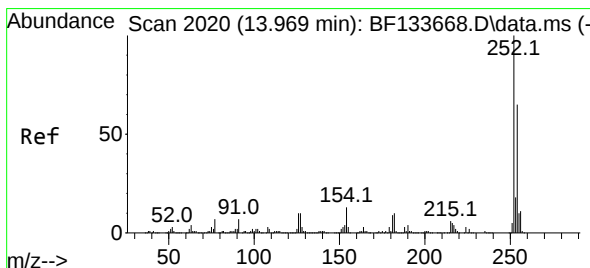
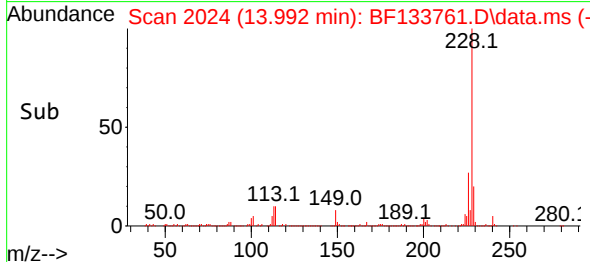
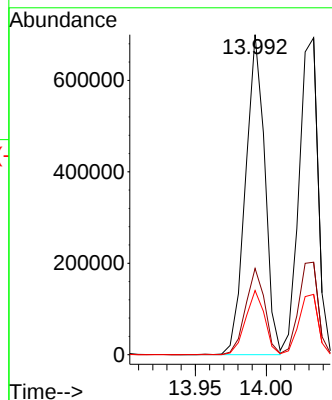
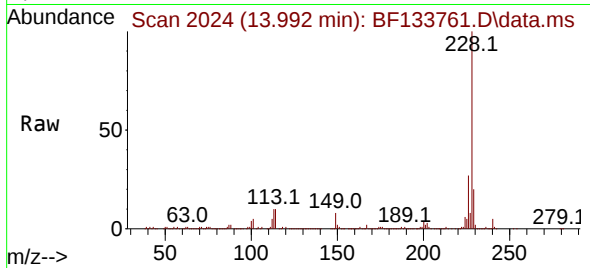




#81
Benzo(a)anthracene
Concen: 38.582 ng
RT: 13.992 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF133761.D
Acq: 14 Jun 2023 20:26

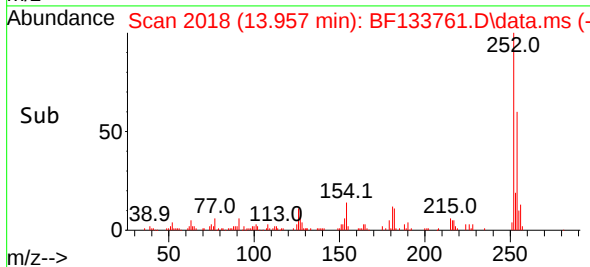
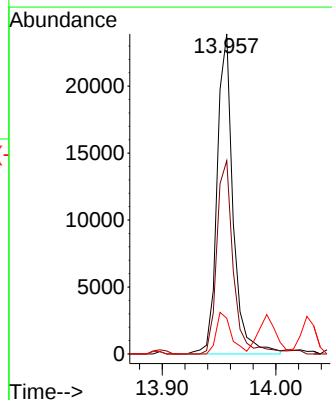
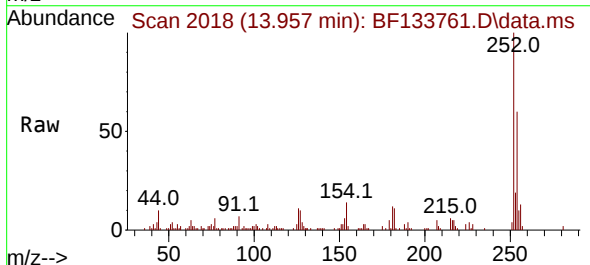
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

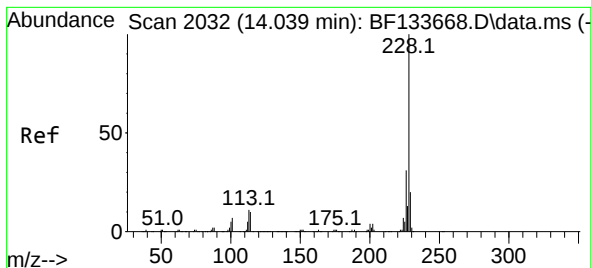
Tgt Ion:228 Resp: 660863
Ion Ratio Lower Upper
228 100
226 26.9 21.7 32.5
229 20.0 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 4.101 ng
RT: 13.957 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF133761.D
Acq: 14 Jun 2023 20:26

Tgt Ion:252 Resp: 23352
Ion Ratio Lower Upper
252 100
254 60.4 51.9 77.9
126 11.1 7.7 11.5





#83

Chrysene

Concen: 39.843 ng

RT: 14.033 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BF133761.D

Acq: 14 Jun 2023 20:26

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

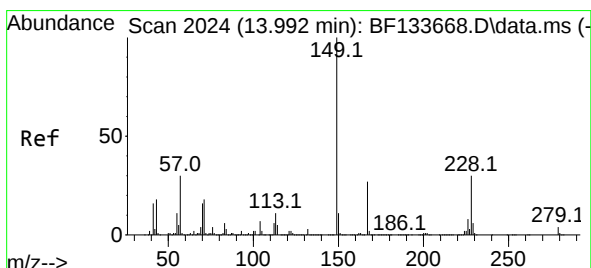
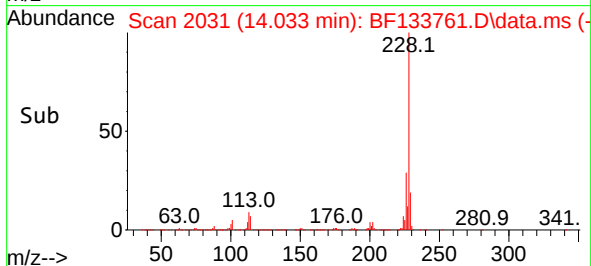
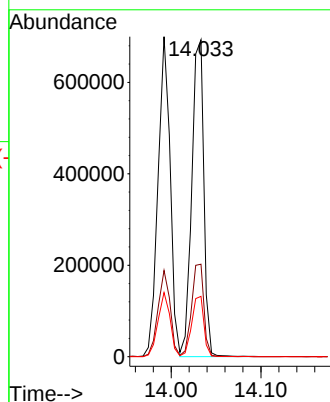
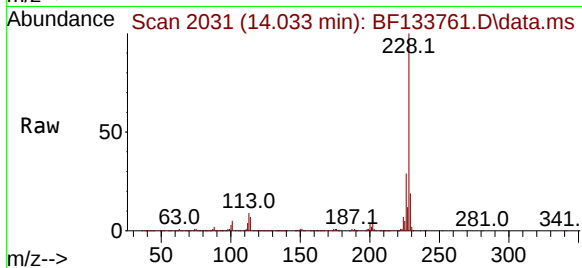
Tgt Ion:228 Resp: 645492

Ion Ratio Lower Upper

228 100

226 29.2 25.0 37.6

229 19.0 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.206 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF133761.D

Acq: 14 Jun 2023 20:26

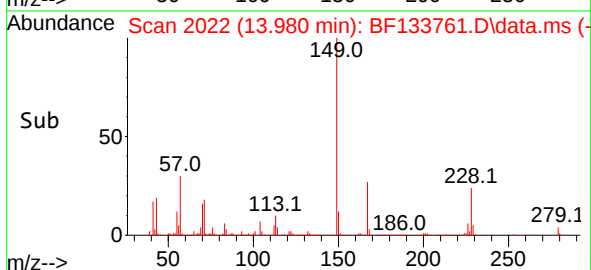
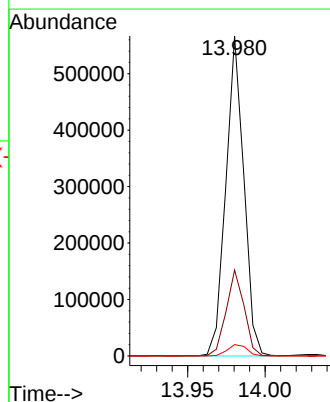
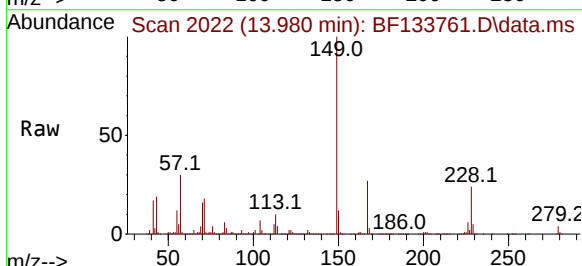
Tgt Ion:149 Resp: 458123

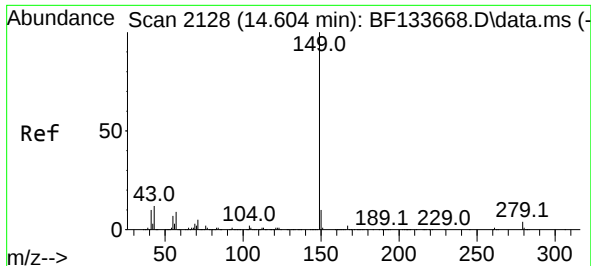
Ion Ratio Lower Upper

149 100

167 26.9 21.8 32.8

279 3.6 3.3 4.9

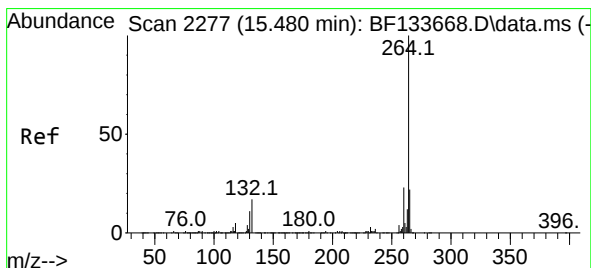
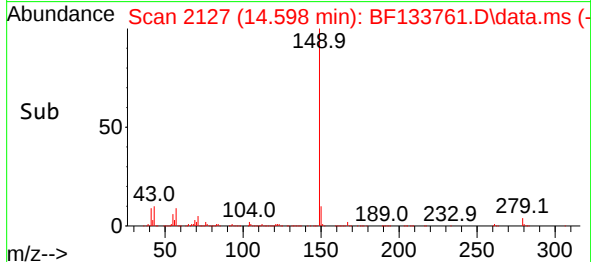
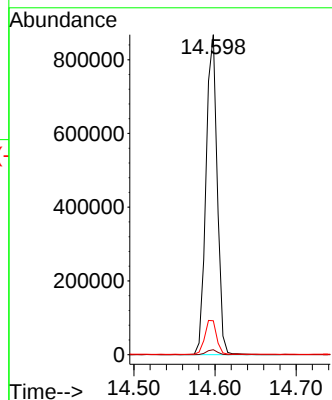
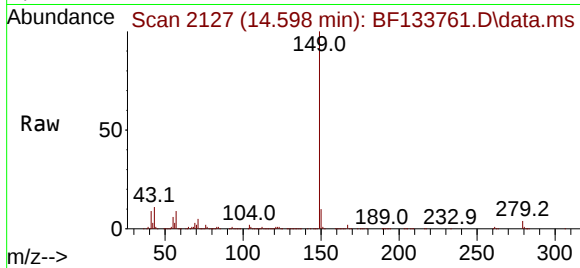




#85
Di-n-octyl phthalate
Concen: 48.639 ng
RT: 14.598 min Scan# 2127
Delta R.T. 0.000 min
Lab File: BF133761.D
Acq: 14 Jun 2023 20:26

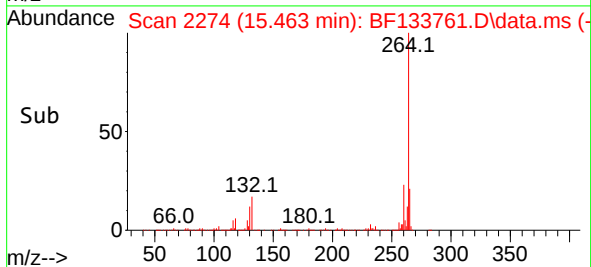
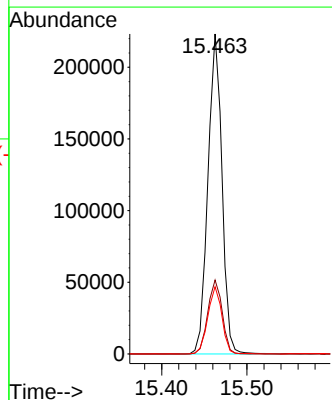
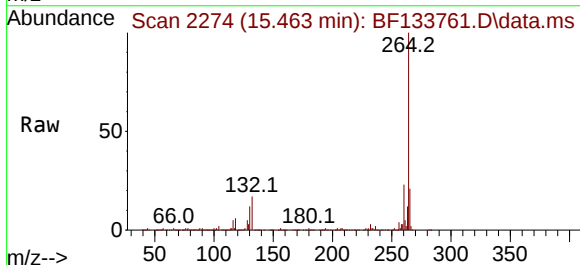
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

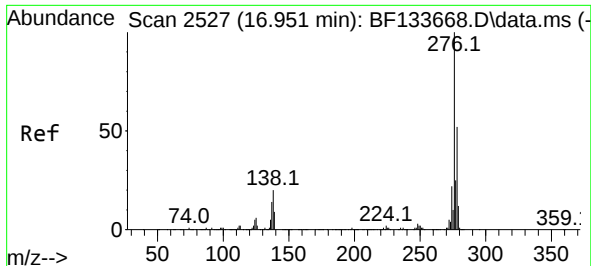
Tgt Ion:149 Resp: 828803
Ion Ratio Lower Upper
149 100
167 1.5 1.4 2.0
43 11.4 8.7 13.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.463 min Scan# 2274
Delta R.T. -0.006 min
Lab File: BF133761.D
Acq: 14 Jun 2023 20:26

Tgt Ion:264 Resp: 255185
Ion Ratio Lower Upper
264 100
260 23.1 18.2 27.2
265 21.0 17.8 26.6

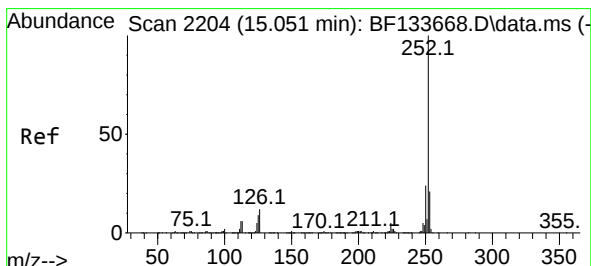
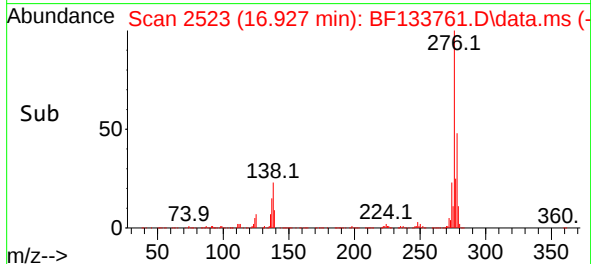
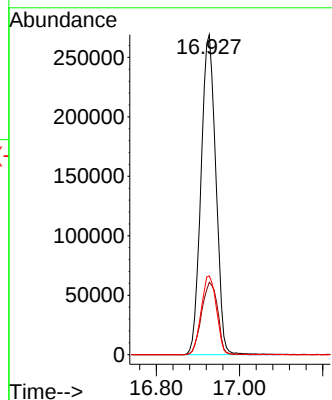
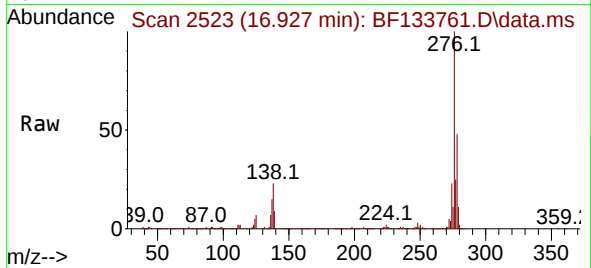




#87
Indeno(1,2,3-cd)pyrene
Concen: 38.014 ng
RT: 16.927 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF133761.D
Acq: 14 Jun 2023 20:26

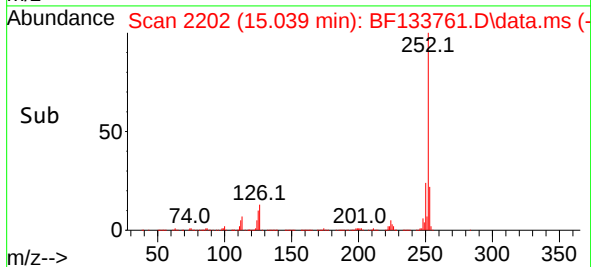
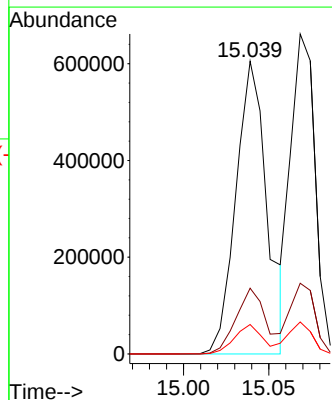
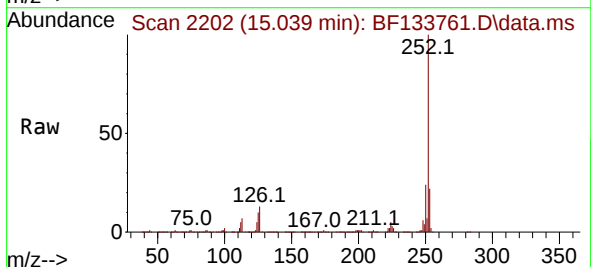
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

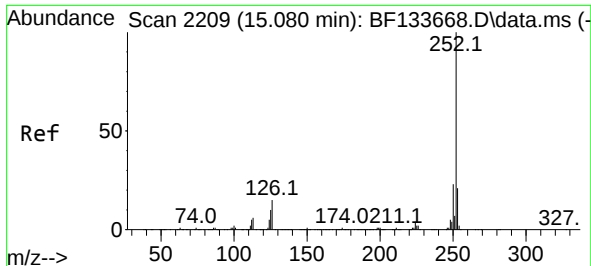
Tgt Ion:276 Resp: 667369
Ion Ratio Lower Upper
276 100
138 24.6 17.9 26.9
277 25.4 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 49.634 ng
RT: 15.039 min Scan# 2202
Delta R.T. -0.006 min
Lab File: BF133761.D
Acq: 14 Jun 2023 20:26

Tgt Ion:252 Resp: 769395
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.6
125 10.1 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 43.697 ng

RT: 15.068 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF133761.D

Acq: 14 Jun 2023 20:26

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

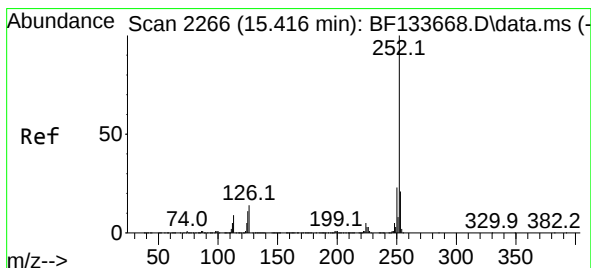
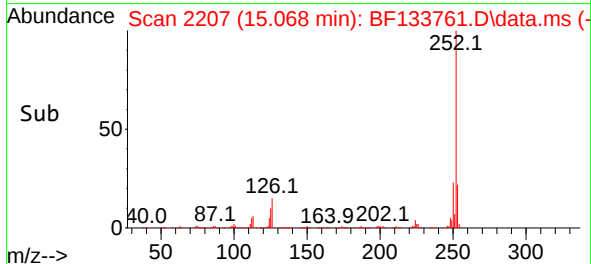
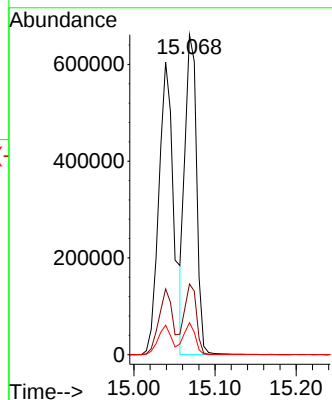
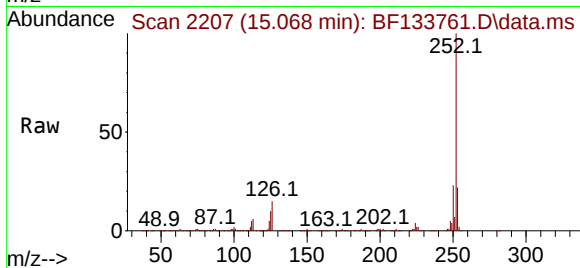
Tgt Ion:252 Resp: 659832

Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.4

125 10.0 7.8 11.6



#90

Benzo(a)pyrene

Concen: 43.247 ng

RT: 15.404 min Scan# 2264

Delta R.T. -0.006 min

Lab File: BF133761.D

Acq: 14 Jun 2023 20:26

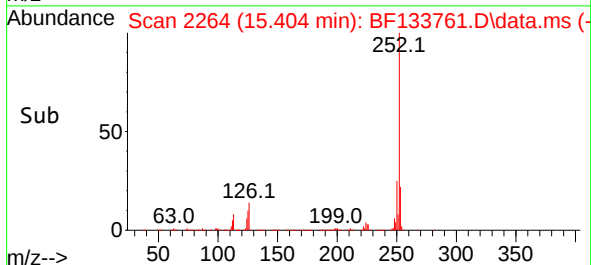
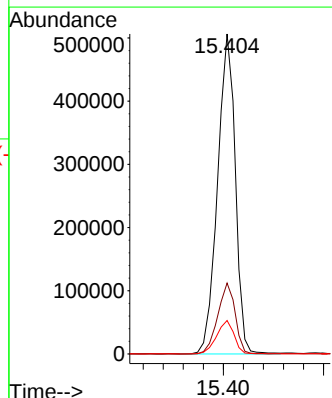
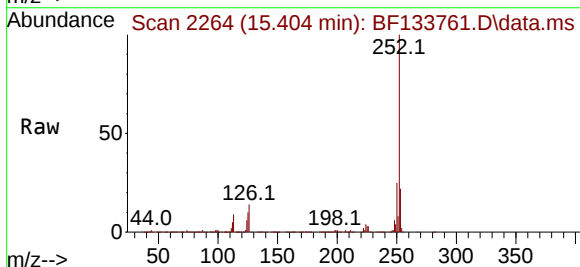
Tgt Ion:252 Resp: 622174

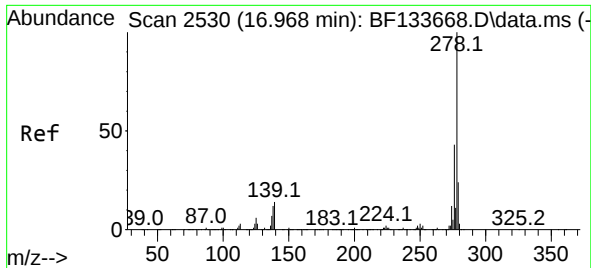
Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

125 10.5 8.6 13.0

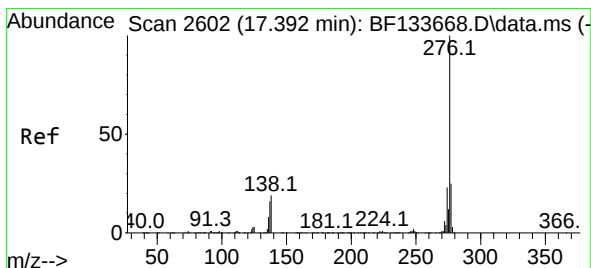
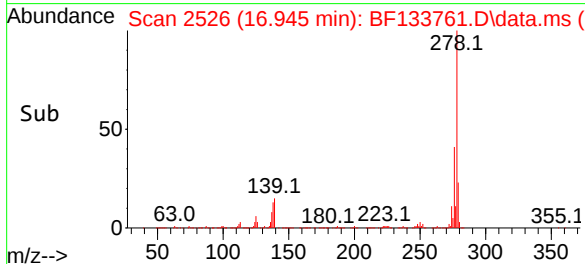
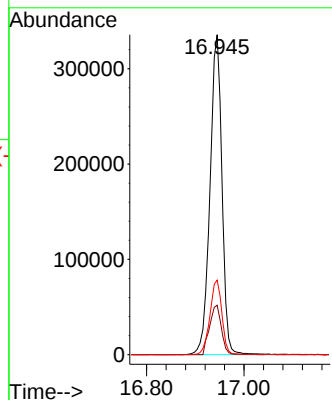
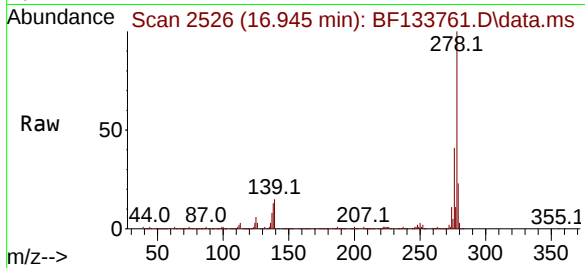




#91
Dibenzo(a,h)anthracene
Concen: 39.294 ng
RT: 16.945 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133761.D
Acq: 14 Jun 2023 20:26

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion:278 Resp: 571113
Ion Ratio Lower Upper
278 100
139 15.4 11.4 17.2
279 23.3 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 33.533 ng
RT: 17.368 min Scan# 2598
Delta R.T. -0.012 min
Lab File: BF133761.D
Acq: 14 Jun 2023 20:26

Tgt Ion:276 Resp: 483233
Ion Ratio Lower Upper
276 100
277 23.8 19.8 29.8
138 20.7 15.0 22.4

