

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
 Data File : BF135090.D
 Acq On : 05 Sep 2023 11:54
 Operator : CG\JU
 Sample : PB155213BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155213BS

Quant Time: Sep 05 12:36:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	104287	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	425187	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	223010	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	417562	20.000	ng	0.00
76) Chrysene-d12	13.962	240	261668	20.000	ng	0.00
86) Perylene-d12	15.427	264	219630	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	877487	129.966	ng	0.02
7) Phenol-d6	6.422	99	1092358	129.803	ng	0.00
23) Nitrobenzene-d5	7.339	82	679884	89.834	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	320247	135.373	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	1211623	88.456	ng	0.00
79) Terphenyl-d14	12.904	244	1433170	89.380	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.593	88	106513	37.243	ng	98
3) Pyridine	3.340	79	278775	36.157	ng	96
4) n-Nitrosodimethylamine	3.304	42	172155	45.658	ng	97
6) Aniline	6.439	93	328949	31.531	ng	# 90
8) 2-Chlorophenol	6.557	128	345288	50.340	ng	98
9) Benzaldehyde	6.328	77	110219	25.704	ng	95
10) Phenol	6.434	94	412039	46.638	ng	90
11) bis(2-Chloroethyl)ether	6.516	93	314538	47.279	ng	98
12) 1,3-Dichlorobenzene	6.716	146	343350	48.586	ng	99
13) 1,4-Dichlorobenzene	6.792	146	350419	49.543	ng	99
14) 1,2-Dichlorobenzene	6.939	146	333974	50.600	ng	98
15) Benzyl Alcohol	6.922	79	288956	50.117	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.051	45	503504	45.194	ng	98
17) 2-Methylphenol	7.033	107	269428	45.077	ng	97
18) Hexachloroethane	7.281	117	130082	49.649	ng	95
19) n-Nitroso-di-n-propyla...	7.192	70	226242	45.260	ng	97
20) 3+4-Methylphenols	7.186	107	328252	46.551	ng	97
22) Acetophenone	7.186	105	453895	47.994	ng	# 99
24) Nitrobenzene	7.357	77	354344	45.643	ng	96
25) Isophorone	7.598	82	643620	44.854	ng	100
26) 2-Nitrophenol	7.675	139	184075	47.991	ng	98
27) 2,4-Dimethylphenol	7.716	122	275993	44.693	ng	97
28) bis(2-Chloroethoxy)met...	7.810	93	383689	44.327	ng	99
29) 2,4-Dichlorophenol	7.916	162	277678	47.312	ng	100
30) 1,2,4-Trichlorobenzene	7.992	180	305429	48.157	ng	98
31) Naphthalene	8.075	128	960354	46.237	ng	99
32) Benzoic acid	7.851	122	233438	47.256	ng	97
33) 4-Chloroaniline	8.128	127	200015	22.017	ng	98
34) Hexachlorobutadiene	8.192	225	172920	48.042	ng	98
35) Caprolactam	8.504	113	50939	26.508	ng	93
36) 4-Chloro-3-methylphenol	8.616	107	309515	48.555	ng	95
37) 2-Methylnaphthalene	8.769	142	613123	44.242	ng	99
38) 1-Methylnaphthalene	8.869	142	580864	44.795	ng	99
40) 1,2,4,5-Tetrachloroben...	8.933	216	281333	45.065	ng	99
41) Hexachlorocyclopentadiene	8.922	237	251971	94.829	ng	96
43) 2,4,6-Trichlorophenol	9.051	196	195957	46.738	ng	99

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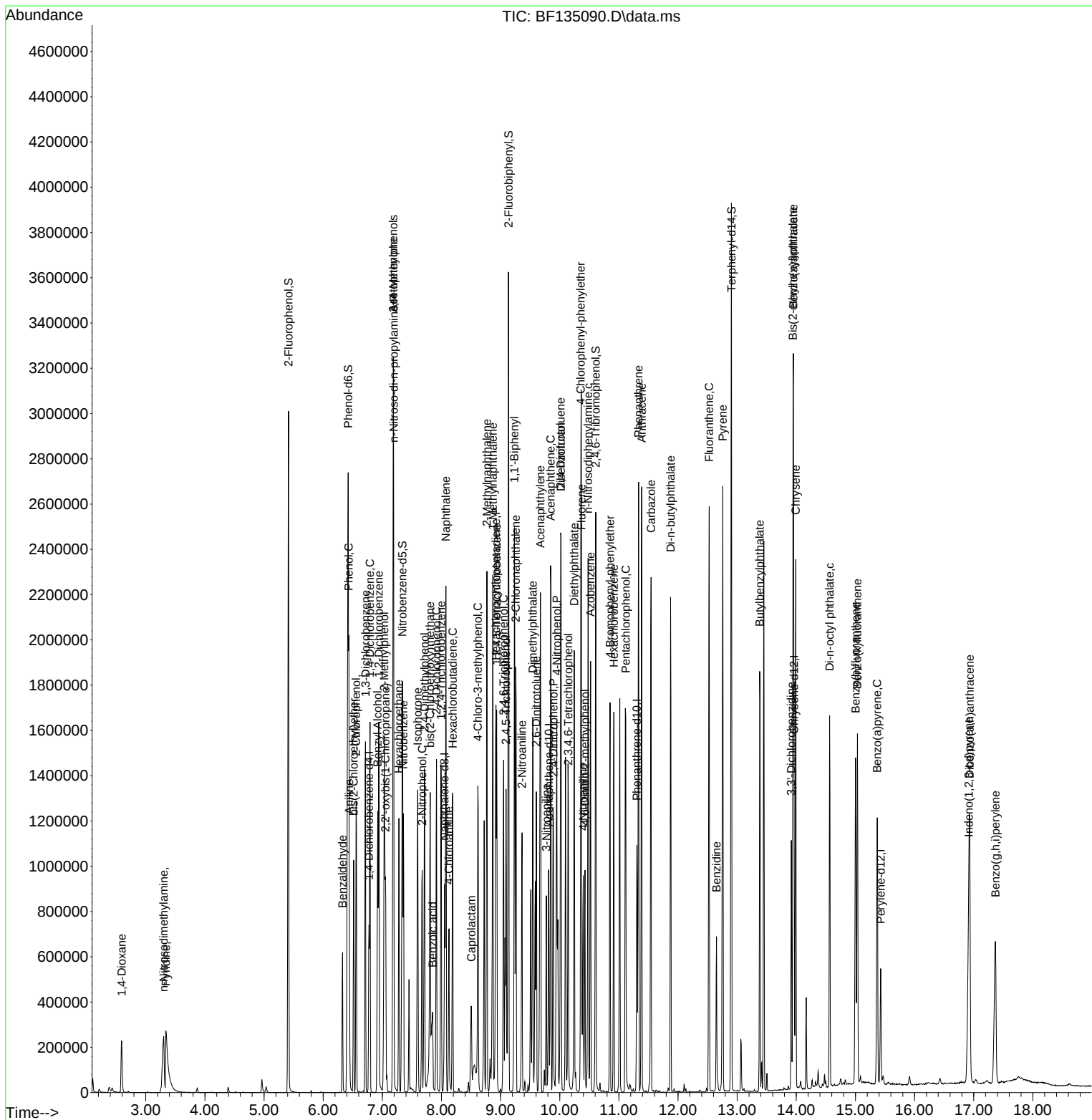
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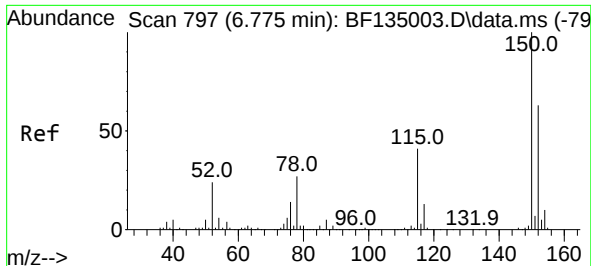
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.092	196	208812	43.019	ng	# 94
46) 1,1'-Biphenyl	9.233	154	775351	45.506	ng	99
47) 2-Chloronaphthalene	9.257	162	594919	46.432	ng	96
48) 2-Nitroaniline	9.363	65	201804	46.010	ng	99
49) Acenaphthylene	9.674	152	908417	46.901	ng	99
50) Dimethylphthalate	9.545	163	708675	45.383	ng	100
51) 2,6-Dinitrotoluene	9.604	165	159899	46.667	ng	98
52) Acenaphthene	9.845	154	556181	45.060	ng	99
53) 3-Nitroaniline	9.774	138	123418	30.921	ng	100
54) 2,4-Dinitrophenol	9.892	184	174941	106.829	ng	# 88
55) Dibenzofuran	10.022	168	792892	44.531	ng	99
56) 4-Nitrophenol	9.951	139	265912	94.777	ng	92
57) 2,4-Dinitrotoluene	10.016	165	208557	48.842	ng	94
58) Fluorene	10.369	166	638576	47.043	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	184204	49.283	ng	97
60) Diethylphthalate	10.245	149	679337	46.215	ng	99
61) 4-Chlorophenyl-phenyle...	10.357	204	302865	45.108	ng	99
62) 4-Nitroaniline	10.398	138	178194	45.627	ng	98
63) Azobenzene	10.522	77	658263	44.474	ng	98
65) 4,6-Dinitro-2-methylph...	10.427	198	123584	48.902	ng	90
66) n-Nitrosodiphenylamine	10.480	169	586666	45.186	ng	99
67) 4-Bromophenyl-phenylether	10.851	248	196490	44.366	ng	99
68) Hexachlorobenzene	10.916	284	225517	49.244	ng	97
69) Atrazine	11.016	200	199227	Below Cal		99
70) Pentachlorophenol	11.116	266	219518	79.232	ng	99
71) Phenanthrene	11.333	178	998097	46.332	ng	100
72) Anthracene	11.386	178	1015796	46.152	ng	100
73) Carbazole	11.545	167	926489	48.804	ng	100
74) Di-n-butylphthalate	11.874	149	1067593	46.652	ng	100
75) Fluoranthene	12.527	202	1049360	48.179	ng	99
77) Benzidine	12.651	184	252062	53.438	ng	98
78) Pyrene	12.757	202	1084948	43.670	ng	100
80) Butylbenzylphthalate	13.380	149	431316	48.056	ng	98
81) Benzo(a)anthracene	13.951	228	823489	46.136	ng	100
82) 3,3'-Dichlorobenzidine	13.915	252	216591	40.213	ng	98
83) Chrysene	13.992	228	809805	46.165	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	488903	52.636	ng	99
85) Di-n-octyl phthalate	14.562	149	780117	55.026	ng	99
87) Indeno(1,2,3-cd)pyrene	16.915	276	709677	47.972	ng	98
88) Benzo(b)fluoranthene	15.004	252	694620	50.829	ng	99
89) Benzo(k)fluoranthene	15.033	252	662948	50.215	ng	100
90) Benzo(a)pyrene	15.368	252	585401	46.113	ng	99
91) Dibenzo(a,h)anthracene	16.933	278	578830	48.310	ng	98
92) Benzo(g,h,i)perylene	17.368	276	576948	46.298	ng	98

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

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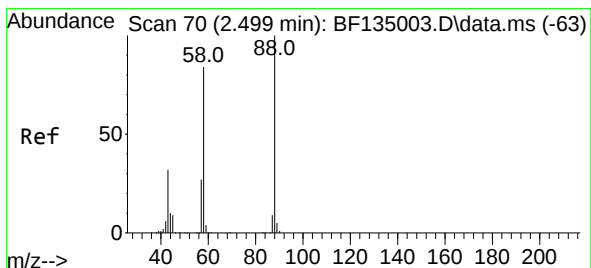
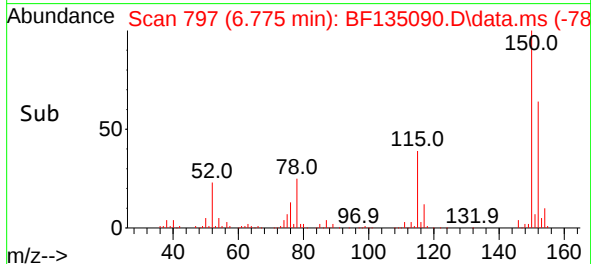
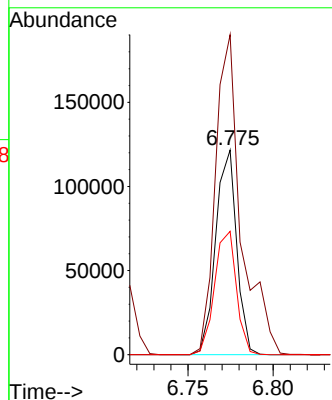
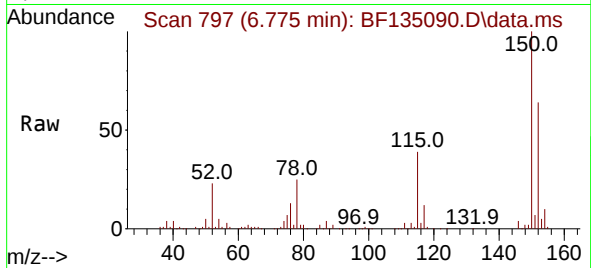




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.775 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF135090.D
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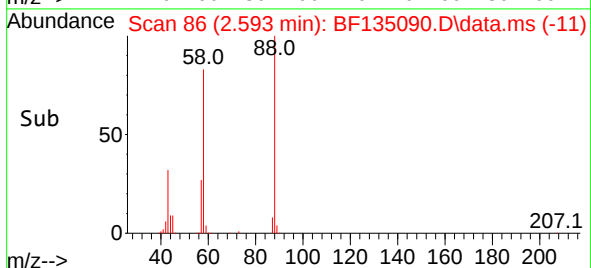
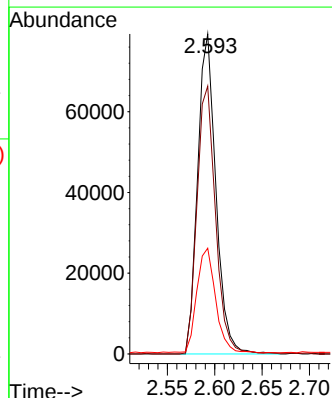
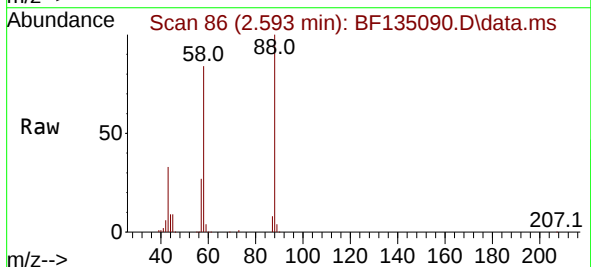
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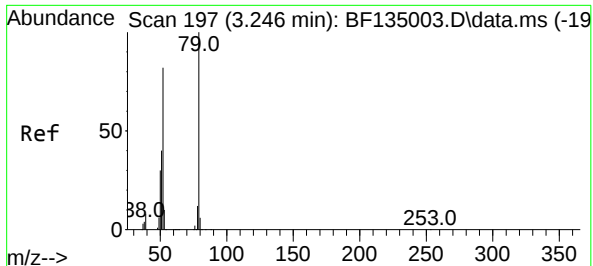
Tgt Ion:152 Resp: 104287
 Ion Ratio Lower Upper
 152 100
 150 156.3 126.2 189.4
 115 60.3 51.2 76.8



#2
 1,4-Dioxane
 Concen: 37.243 ng
 RT: 2.593 min Scan# 86
 Delta R.T. 0.094 min
 Lab File: BF135090.D
 Acq: 05 Sep 2023 11:54

Tgt Ion: 88 Resp: 106513
 Ion Ratio Lower Upper
 88 100
 58 85.5 67.1 100.7
 43 33.8 25.9 38.9

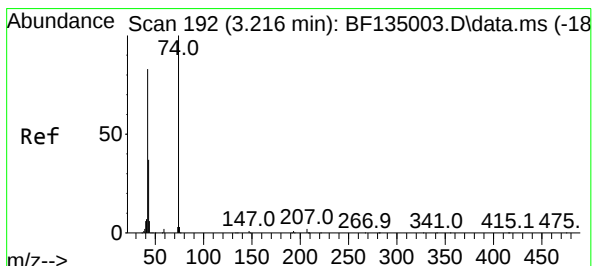
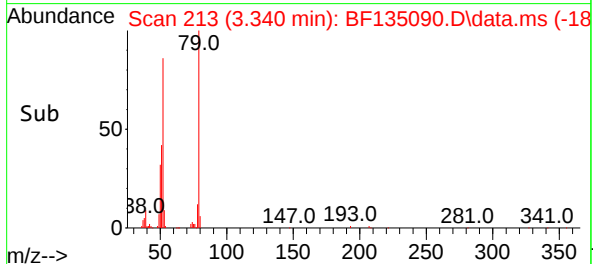
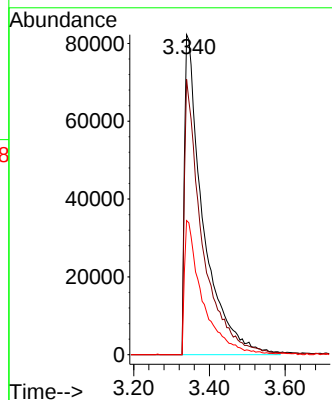
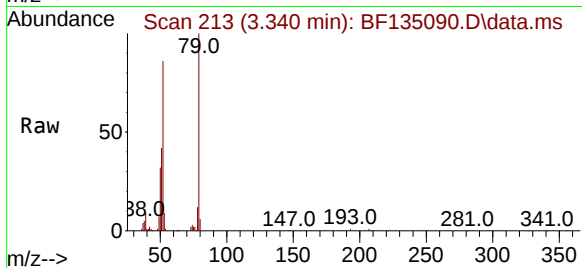




#3
Pyridine
Concen: 36.157 ng
RT: 3.340 min Scan# 21
Delta R.T. 0.094 min
Lab File: BF135090.D
Acq: 05 Sep 2023 11:54

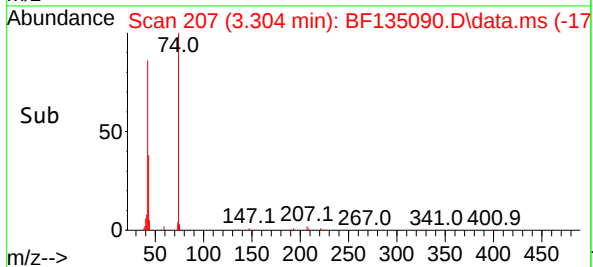
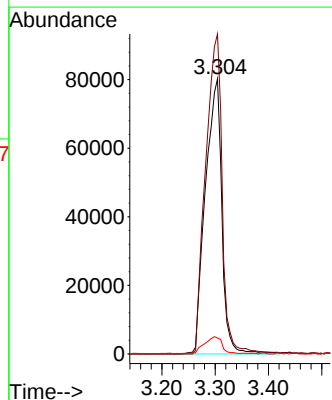
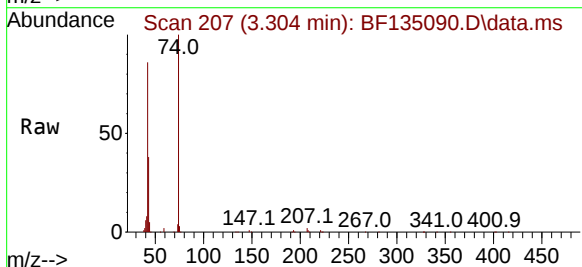
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BNA_F
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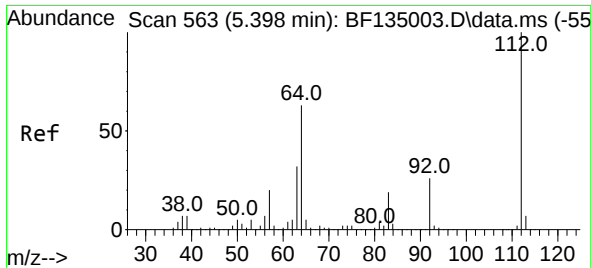
Tgt Ion: 79 Resp: 278775
Ion Ratio Lower Upper
79 100
52 86.1 65.4 98.2
51 41.9 32.6 49.0



#4
n-Nitrosodimethylamine
Concen: 45.658 ng
RT: 3.304 min Scan# 207
Delta R.T. 0.088 min
Lab File: BF135090.D
Acq: 05 Sep 2023 11:54

Tgt Ion: 42 Resp: 172155
Ion Ratio Lower Upper
42 100
74 116.4 96.2 144.2
44 5.8 5.8 8.6

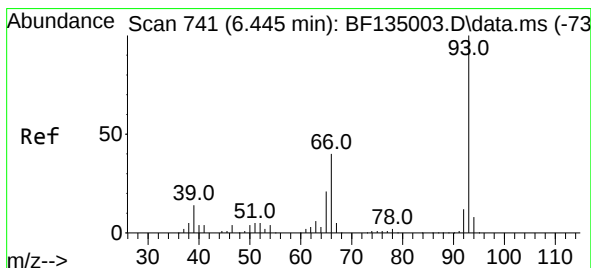
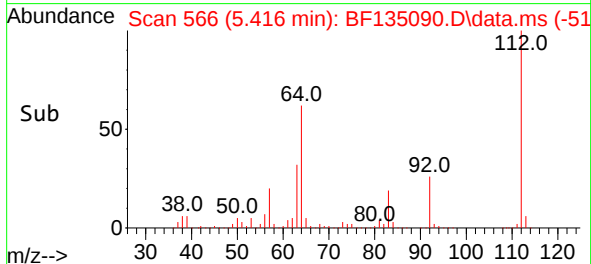
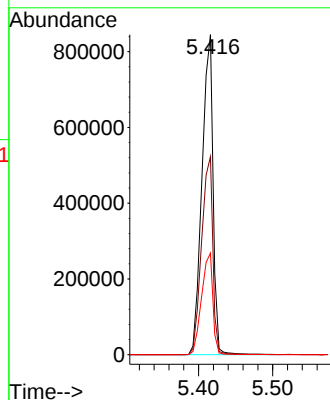
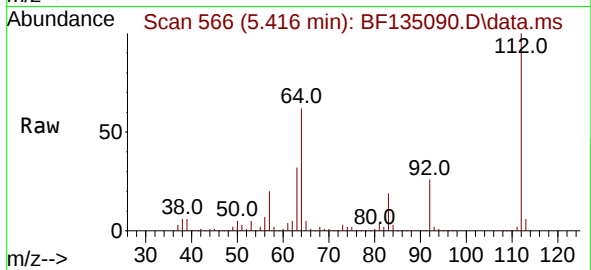




#5
2-Fluorophenol
Concen: 129.966 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF135090.D
Acq: 05 Sep 2023 11:54

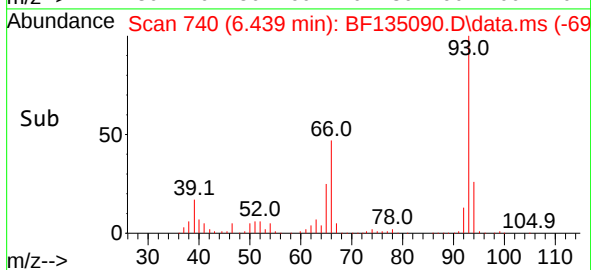
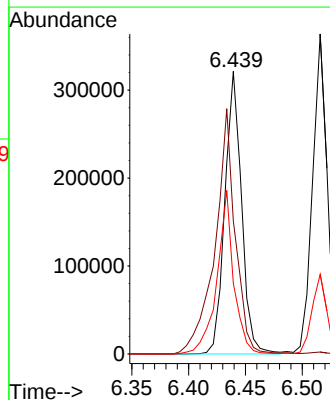
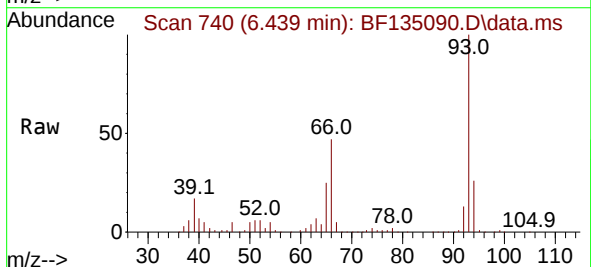
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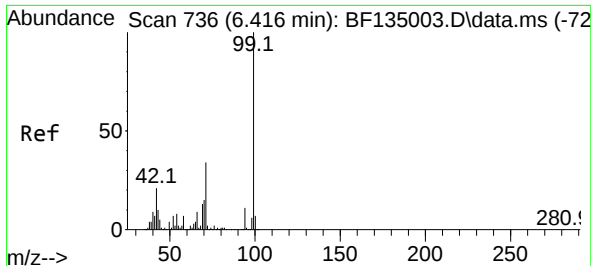
Tgt Ion:112 Resp: 877487
Ion Ratio Lower Upper
112 100
64 61.8 50.5 75.7
63 31.7 25.9 38.9



#6
Aniline
Concen: 31.531 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF135090.D
Acq: 05 Sep 2023 11:54

Tgt Ion: 93 Resp: 328949
Ion Ratio Lower Upper
93 100
66 47.1 32.4 48.6
65 25.0 16.6 24.8

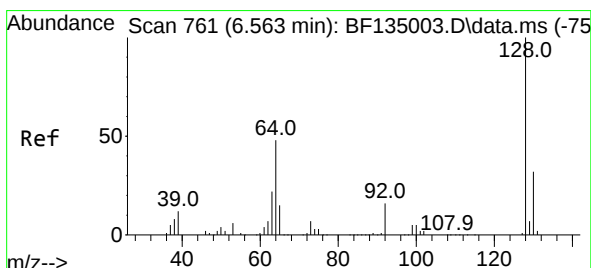
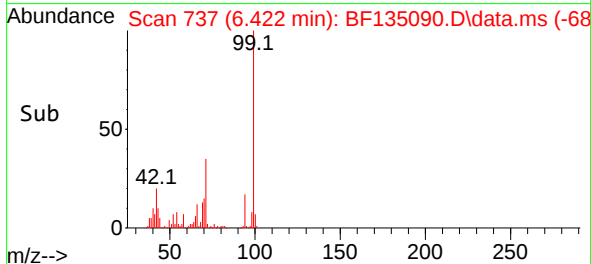
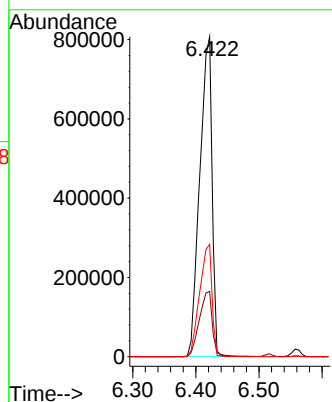
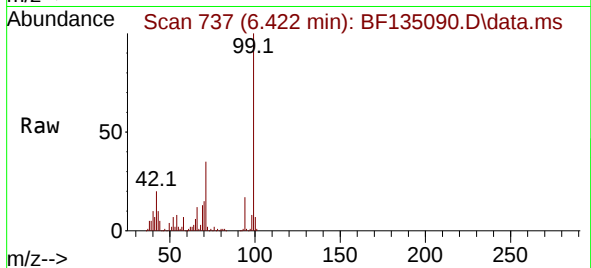




#7
Phenol-d6
Concen: 129.803 ng
RT: 6.422 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135090.D
Acq: 05 Sep 2023 11:54

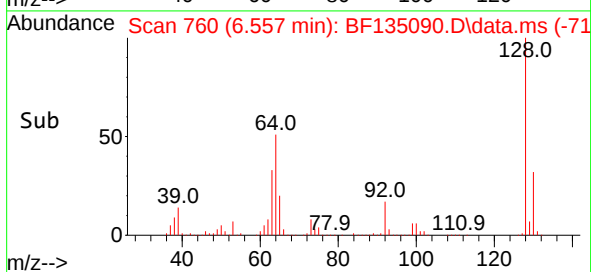
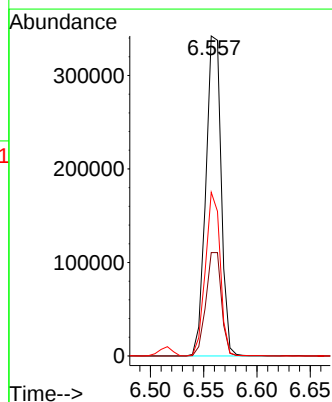
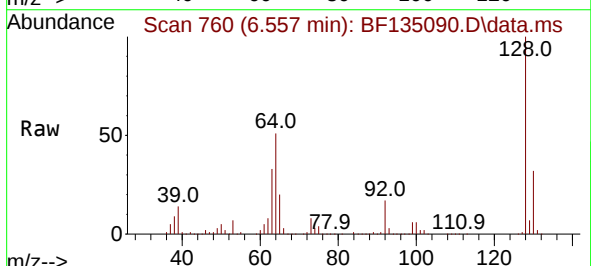
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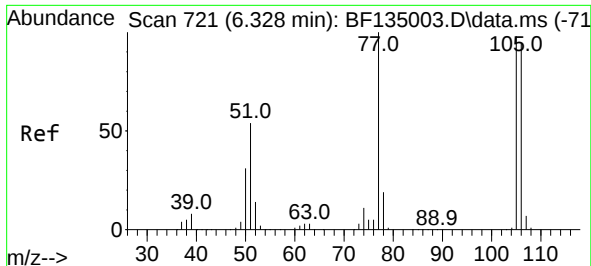
Tgt Ion: 99 Resp: 1092358
Ion Ratio Lower Upper
99 100
42 20.4 16.6 25.0
71 35.1 27.0 40.6



#8
2-Chlorophenol
Concen: 50.340 ng
RT: 6.557 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF135090.D
Acq: 05 Sep 2023 11:54

Tgt Ion: 128 Resp: 345288
Ion Ratio Lower Upper
128 100
130 32.3 12.2 52.2
64 51.1 29.0 69.0

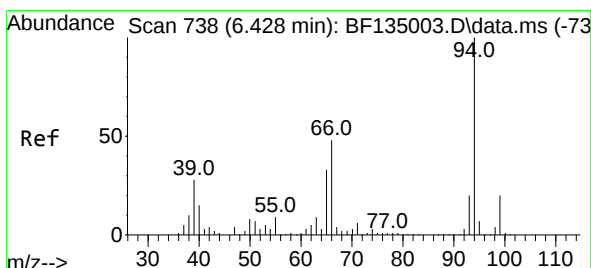
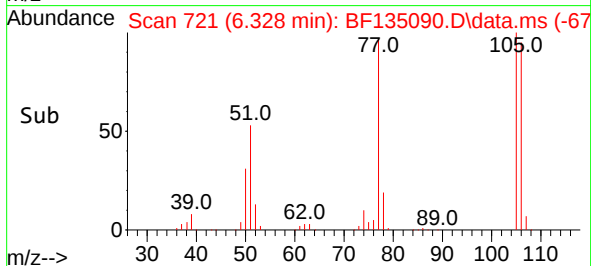
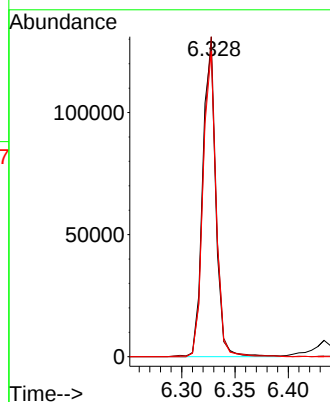
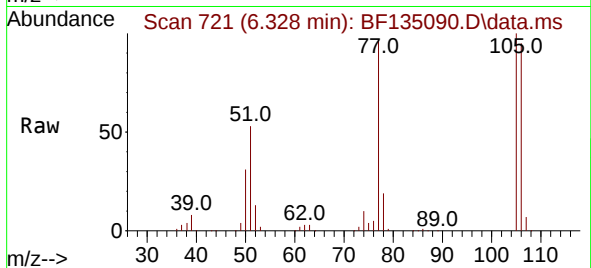




#9
Benzaldehyde
Concen: 25.704 ng
RT: 6.328 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135090.D
Acq: 05 Sep 2023 11:54

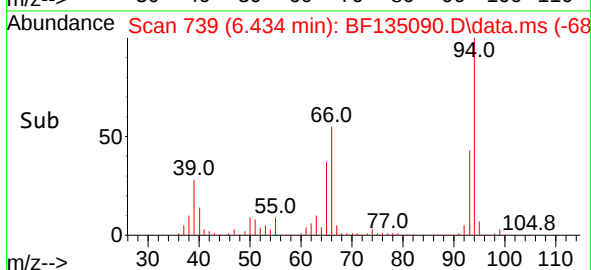
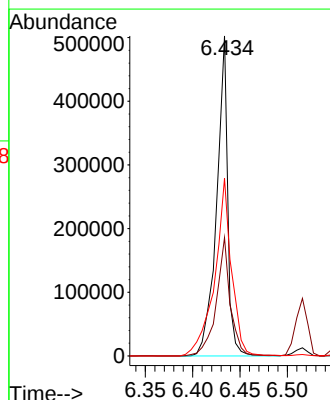
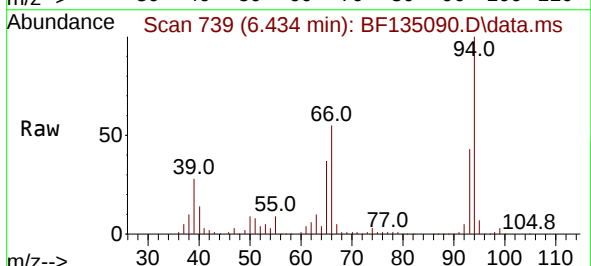
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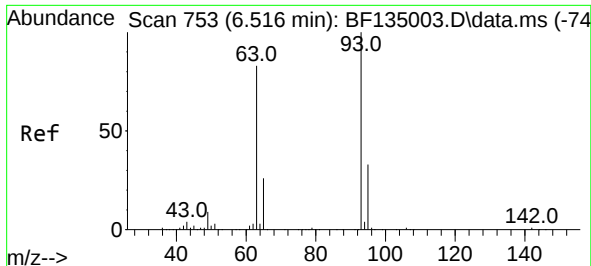
Tgt Ion: 77 Resp: 110219
Ion Ratio Lower Upper
77 100
105 103.5 78.4 118.4
106 98.8 74.3 114.3



#10
Phenol
Concen: 46.638 ng
RT: 6.434 min Scan# 739
Delta R.T. 0.006 min
Lab File: BF135090.D
Acq: 05 Sep 2023 11:54

Tgt Ion: 94 Resp: 412039
Ion Ratio Lower Upper
94 100
65 37.0 13.2 53.2
66 55.5 27.5 67.5

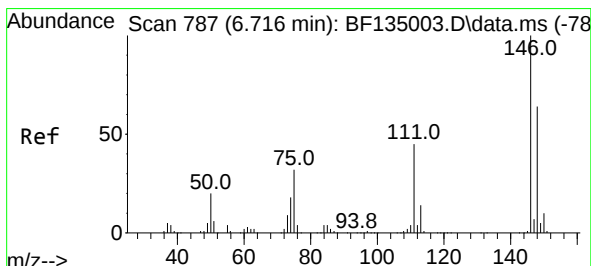
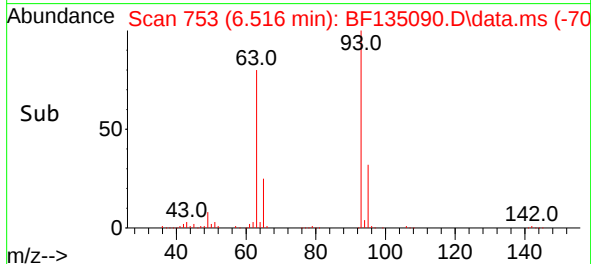
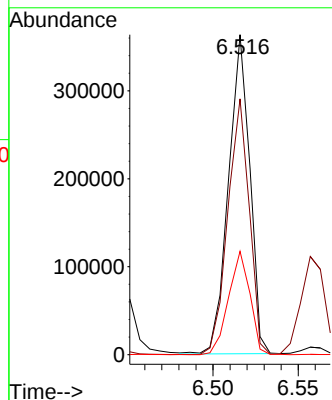
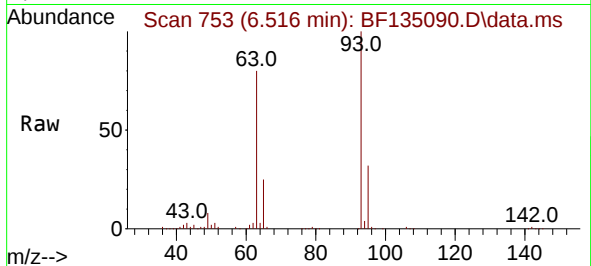




#11
bis(2-Chloroethyl)ether
Concen: 47.279 ng
RT: 6.516 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF135090.D
Acq: 05 Sep 2023 11:54

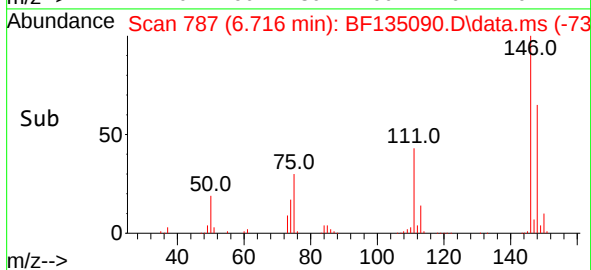
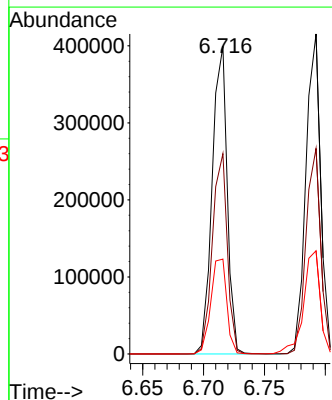
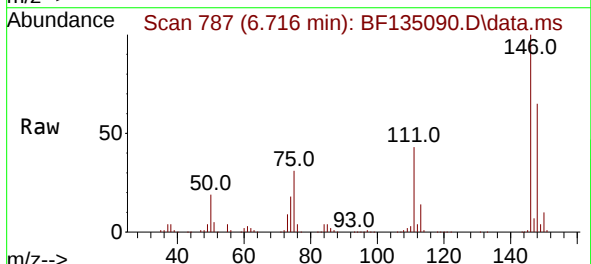
Instrument :
BNA_F
ClientSampleId :
PB155213BS

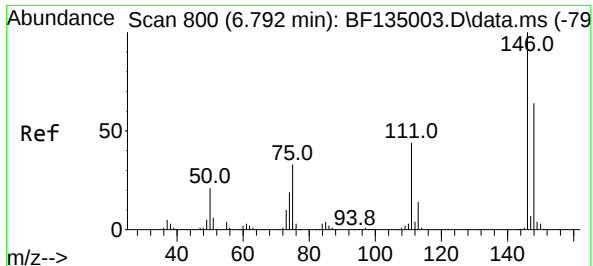
Tgt Ion: 93 Resp: 314538
Ion Ratio Lower Upper
93 100
63 80.0 62.8 102.8
95 32.3 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 48.586 ng
RT: 6.716 min Scan# 787
Delta R.T. -0.000 min
Lab File: BF135090.D
Acq: 05 Sep 2023 11:54

Tgt Ion:146 Resp: 343350
Ion Ratio Lower Upper
146 100
148 65.1 51.6 77.4
75 30.8 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 49.543 ng

RT: 6.792 min Scan# 800

Delta R.T. -0.000 min

Lab File: BF135090.D

Acq: 05 Sep 2023 11:54

Instrument :

BNA_F

ClientSampleId :

PB155213BS

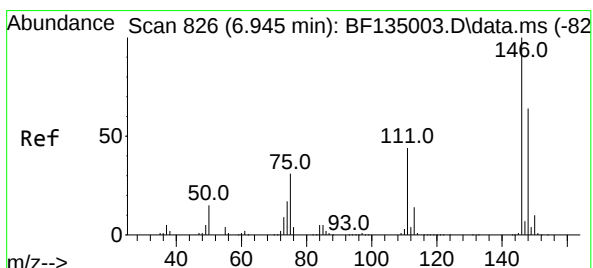
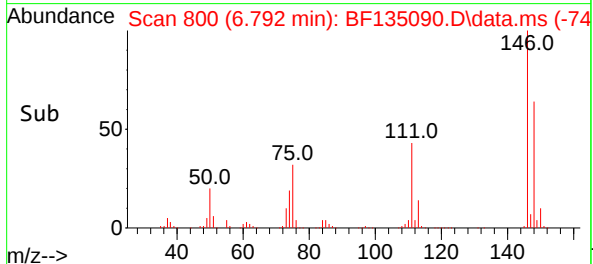
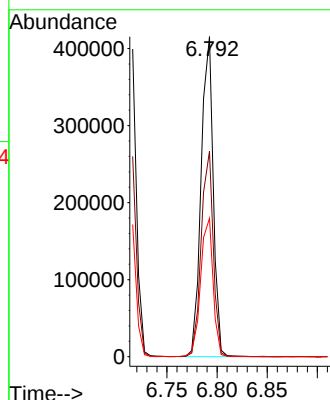
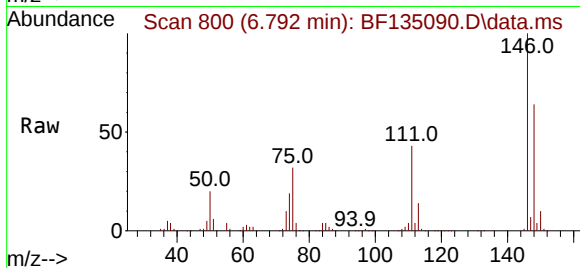
Tgt Ion:146 Resp: 350419

Ion Ratio Lower Upper

146 100

148 64.2 51.5 77.3

111 43.2 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 50.600 ng

RT: 6.939 min Scan# 825

Delta R.T. -0.006 min

Lab File: BF135090.D

Acq: 05 Sep 2023 11:54

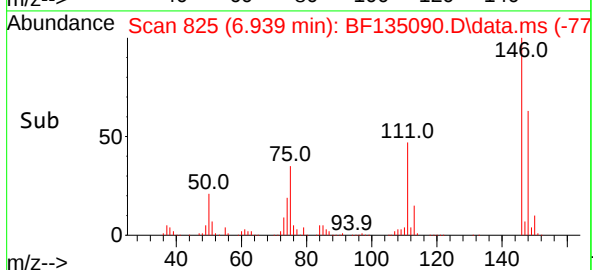
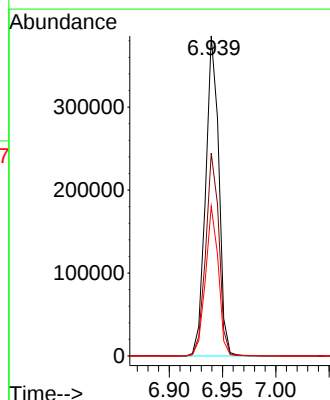
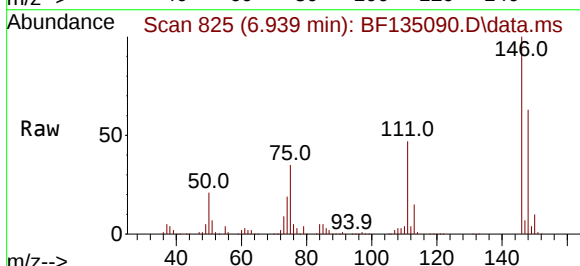
Tgt Ion:146 Resp: 333974

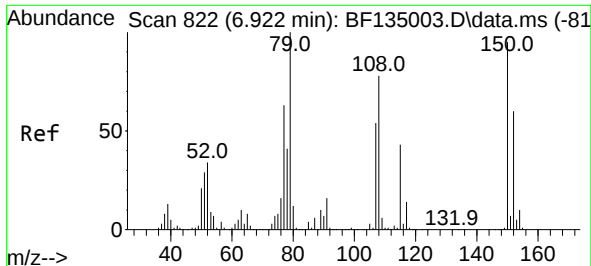
Ion Ratio Lower Upper

146 100

148 63.3 51.1 76.7

111 46.8 35.3 52.9

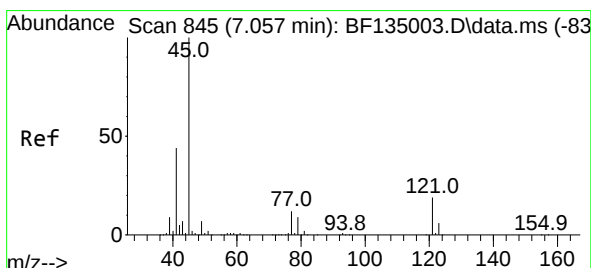
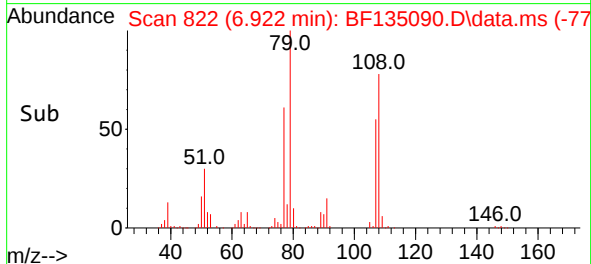
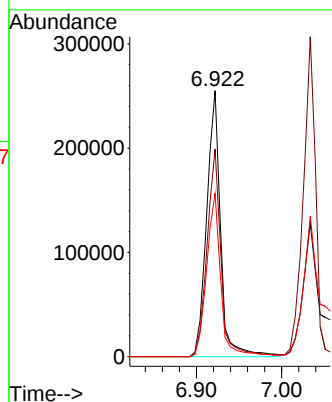
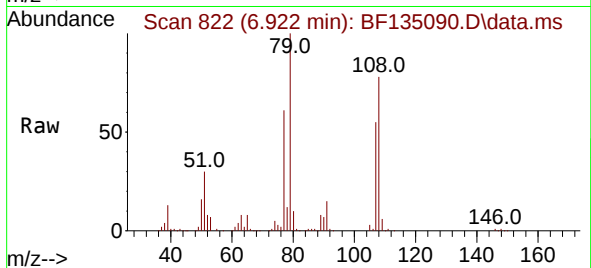




#15
Benzyl Alcohol
Concen: 50.117 ng
RT: 6.922 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF135090.D
Acq: 05 Sep 2023 11:54

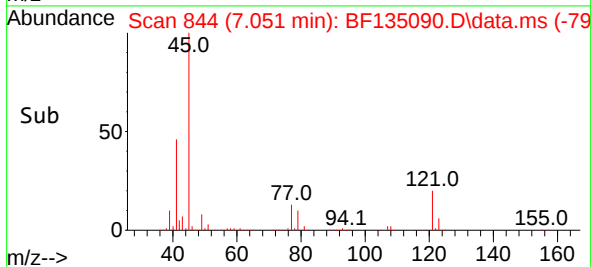
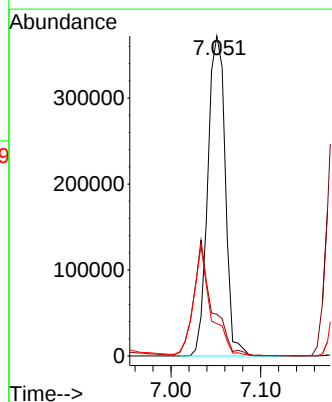
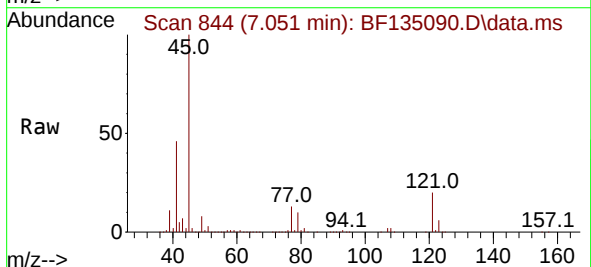
Instrument :
BNA_F
ClientSampleId :
PB155213BS

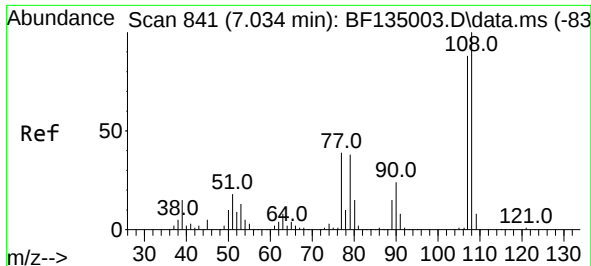
Tgt Ion: 79 Resp: 288956
Ion Ratio Lower Upper
79 100
108 78.1 62.5 93.7
77 61.4 50.4 75.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.194 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF135090.D
Acq: 05 Sep 2023 11:54

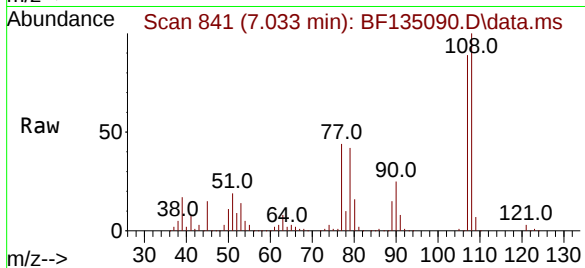
Tgt Ion: 45 Resp: 503504
Ion Ratio Lower Upper
45 100
77 13.0 0.0 32.3
79 10.1 0.0 29.5



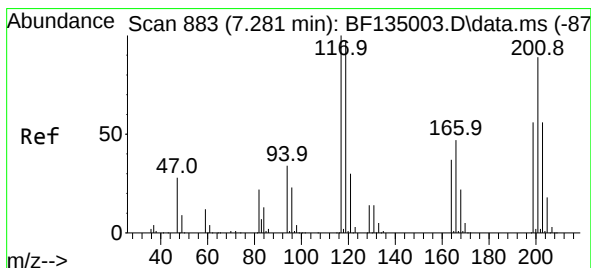
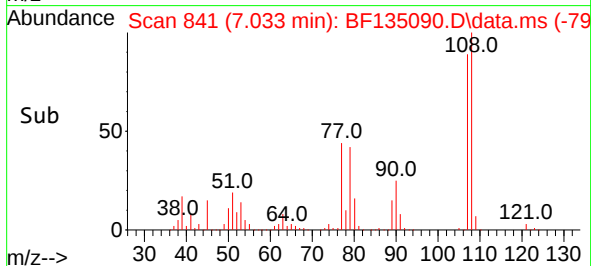
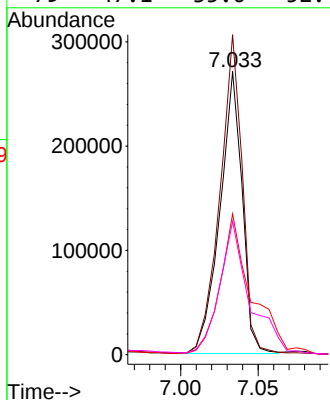


#17
2-Methylphenol
Concen: 45.077 ng
RT: 7.033 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF135090.D
Acq: 05 Sep 2023 11:54

Instrument :
BNA_F
ClientSampleId :
PB155213BS

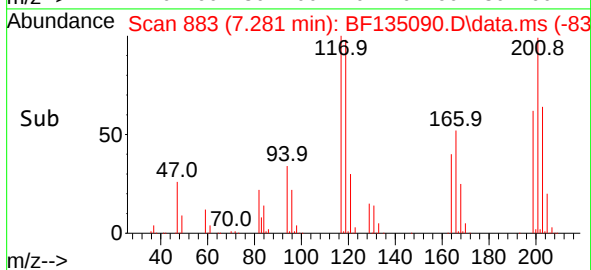
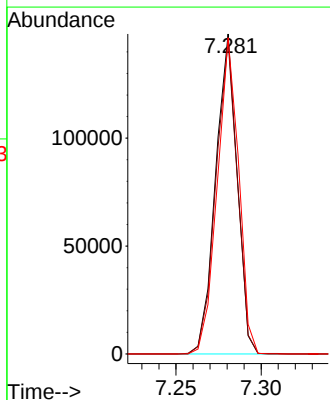
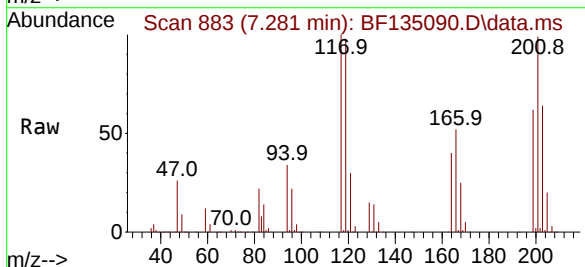


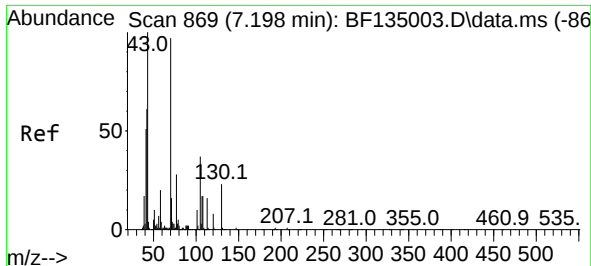
Tgt Ion:	107	Resp:	269428
Ion	Ratio	Lower	Upper
107	100		
108	113.0	91.2	136.8
77	49.7	36.0	54.0
79	47.1	35.0	52.4



#18
Hexachloroethane
Concen: 49.649 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF135090.D
Acq: 05 Sep 2023 11:54

Tgt Ion:	117	Resp:	130082
Ion	Ratio	Lower	Upper
117	100		
119	97.9	77.4	116.2
201	98.8	71.4	107.2





#19

n-Nitroso-di-n-propylamine

Concen: 45.260 ng

RT: 7.192 min Scan# 869

Delta R.T. -0.006 min

Lab File: BF135090.D

Acq: 05 Sep 2023 11:54

Instrument :

BNA_F

ClientSampleId :

PB155213BS

Tgt Ion: 70 Resp: 226242

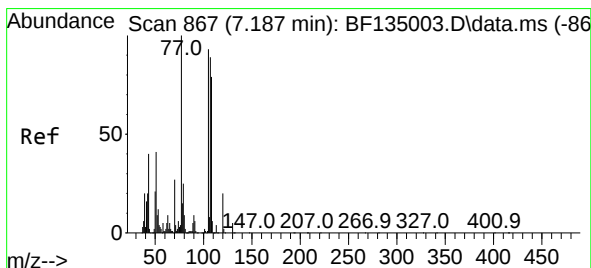
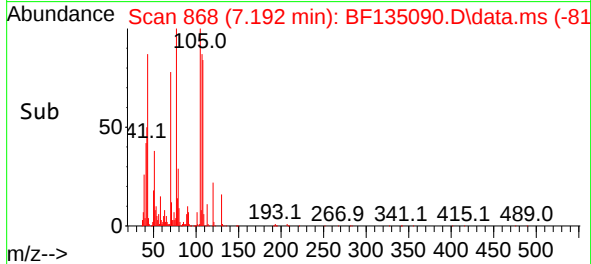
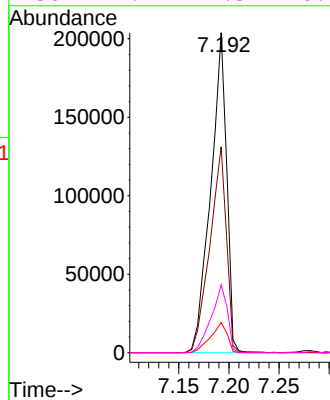
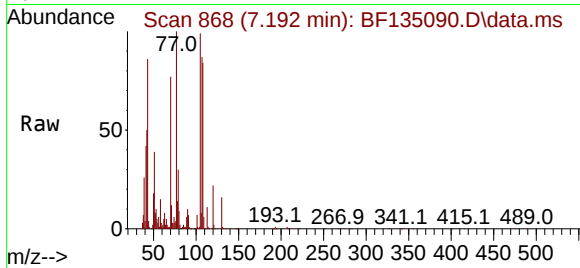
Ion Ratio Lower Upper

70 100

42 64.3 50.2 75.4

101 9.5 8.1 12.1

130 21.2 19.3 28.9



#20

3+4-Methylphenols

Concen: 46.551 ng

RT: 7.186 min Scan# 867

Delta R.T. -0.000 min

Lab File: BF135090.D

Acq: 05 Sep 2023 11:54

Tgt Ion: 107 Resp: 328252

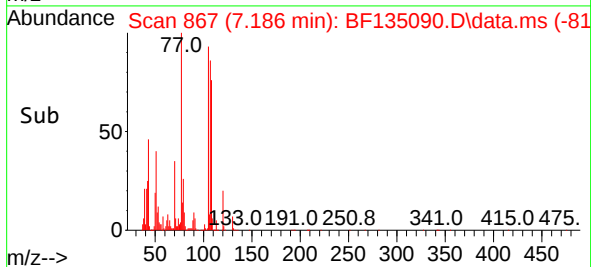
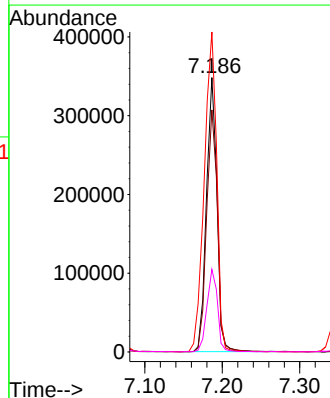
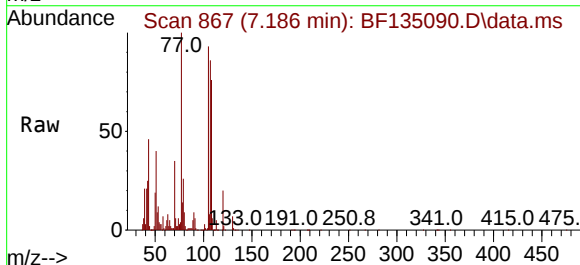
Ion Ratio Lower Upper

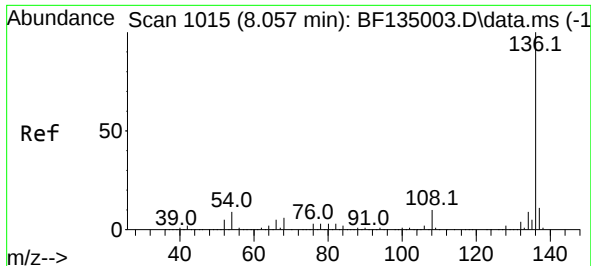
107 100

108 88.2 68.6 108.6

77 116.6 92.3 132.3

79 30.1 8.0 48.0

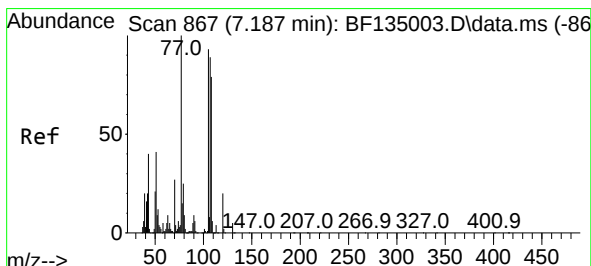
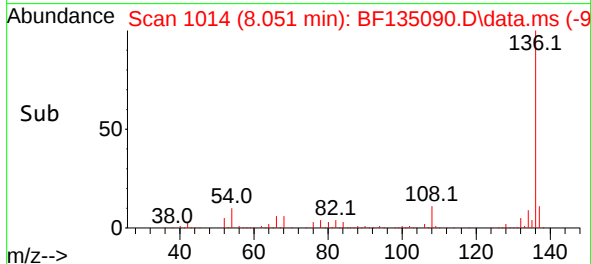
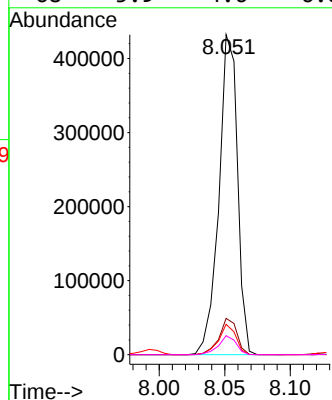
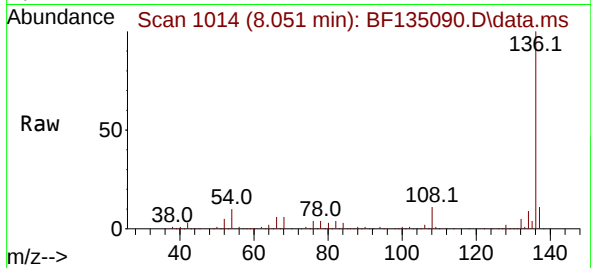




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF135090.D
Acq: 05 Sep 2023 11:54

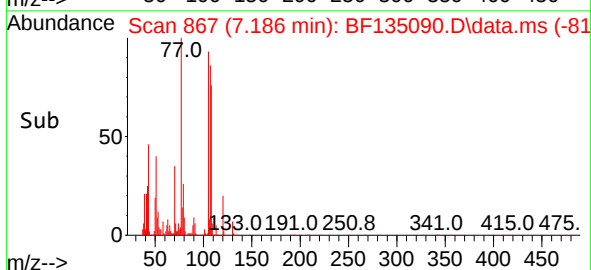
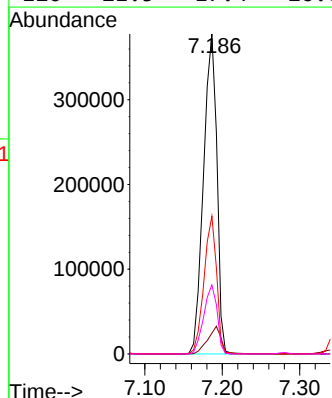
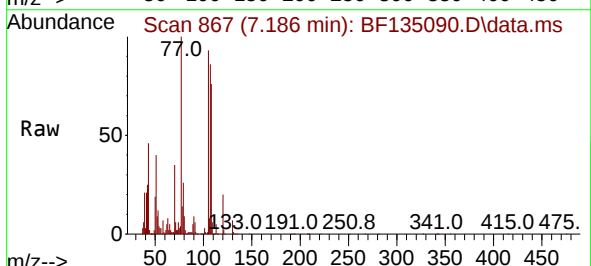
Instrument :
BNA_F
ClientSampleId :
PB155213BS

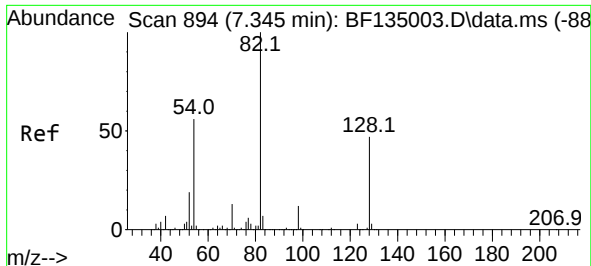
Tgt Ion	136	Resp:	425187
	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	9.5	7.0	10.4
68	5.9	4.6	6.8



#22
Acetophenone
Concen: 47.994 ng
RT: 7.186 min Scan# 867
Delta R.T. -0.000 min
Lab File: BF135090.D
Acq: 05 Sep 2023 11:54

Tgt	Ion:105	Resp:	453895
Ion	Ratio	Lower	Upper
105	100		
71	6.5	3.8	5.6#
51	43.1	35.0	52.6
120	21.5	17.4	26.0





#23

Nitrobenzene-d5

Concen: 89.834 ng

RT: 7.339 min Scan# 893

Delta R.T. -0.006 min

Lab File: BF135090.D

Acq: 05 Sep 2023 11:54

Instrument :

BNA_F

ClientSampleId :

PB155213BS

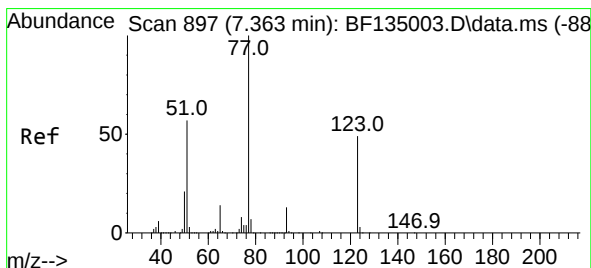
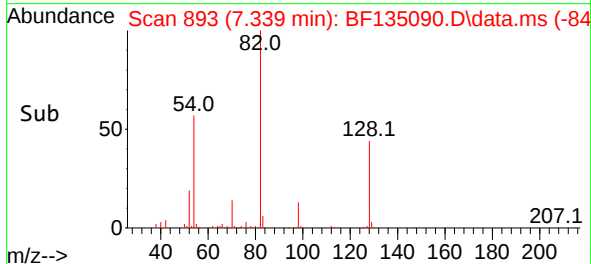
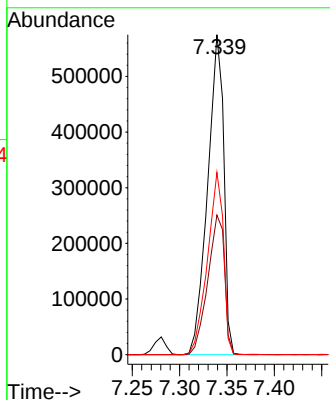
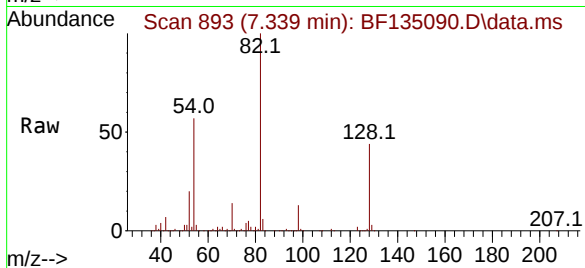
Tgt Ion: 82 Resp: 679884

Ion Ratio Lower Upper

82 100

128 43.6 37.8 56.8

54 57.0 45.0 67.6



#24

Nitrobenzene

Concen: 45.643 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF135090.D

Acq: 05 Sep 2023 11:54

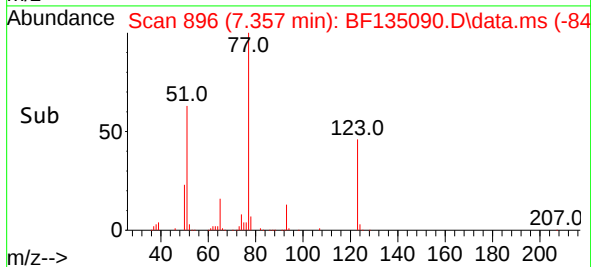
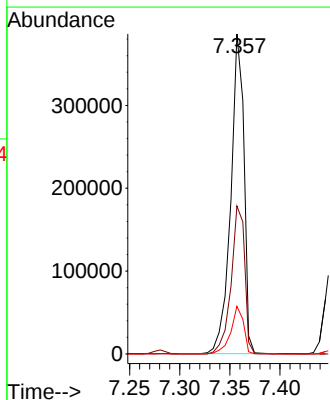
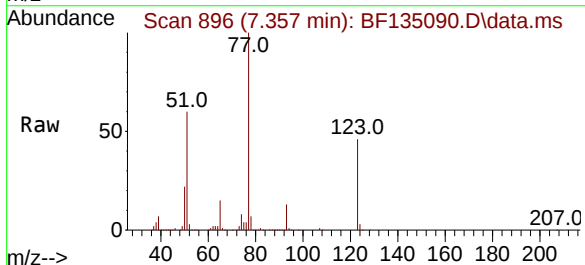
Tgt Ion: 77 Resp: 354344

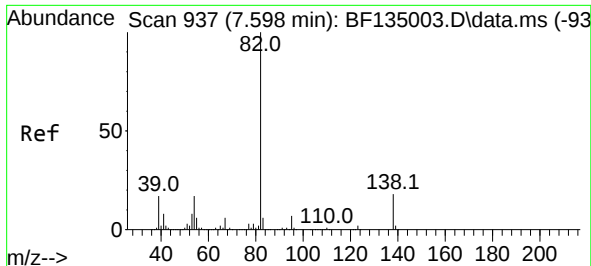
Ion Ratio Lower Upper

77 100

123 46.2 39.4 59.2

65 14.9 11.4 17.2

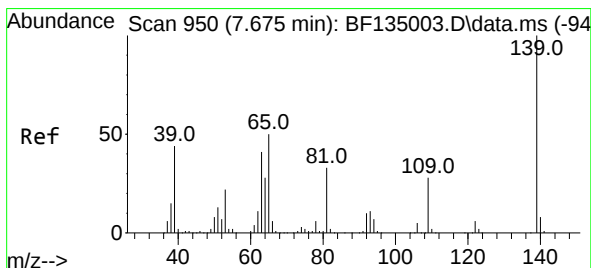
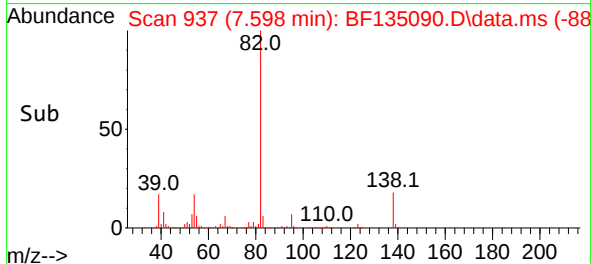
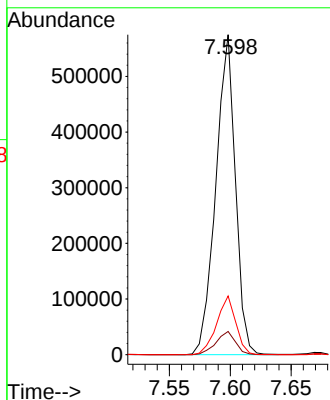
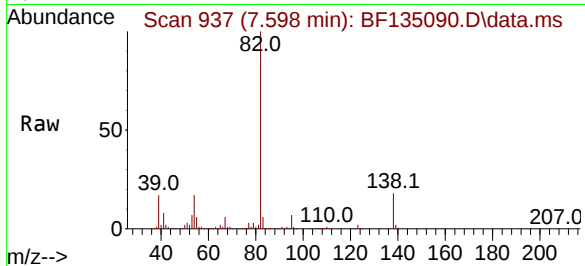




#25
Isophorone
Concen: 44.854 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF135090.D
Acq: 05 Sep 2023 11:54

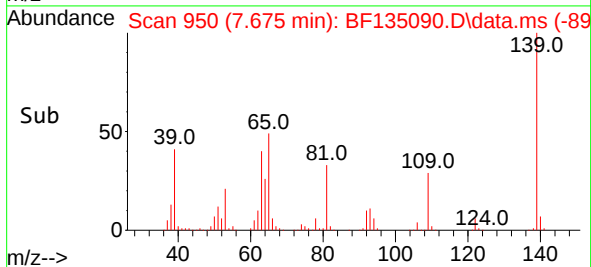
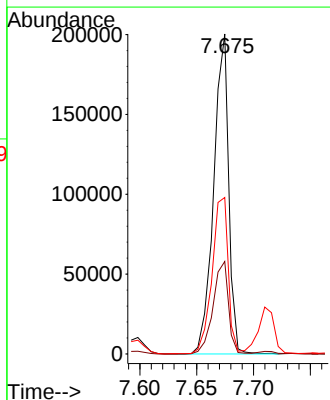
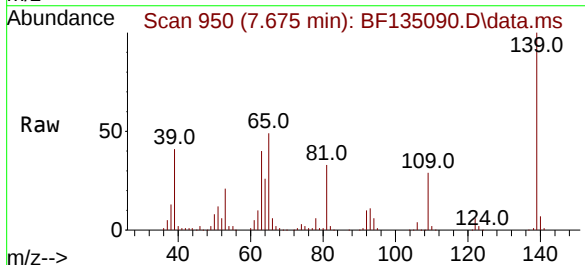
Instrument :
BNA_F
ClientSampleId :
PB155213BS

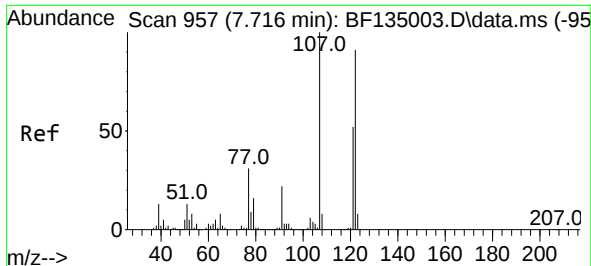
Tgt Ion: 82 Resp: 643620
Ion Ratio Lower Upper
82 100
95 7.3 5.6 8.4
138 18.4 14.7 22.1



#26
2-Nitrophenol
Concen: 47.991 ng
RT: 7.675 min Scan# 950
Delta R.T. -0.000 min
Lab File: BF135090.D
Acq: 05 Sep 2023 11:54

Tgt Ion: 139 Resp: 184075
Ion Ratio Lower Upper
139 100
109 28.9 22.6 34.0
65 48.9 40.3 60.5





#27

2,4-Dimethylphenol

Concen: 44.693 ng

RT: 7.716 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF135090.D

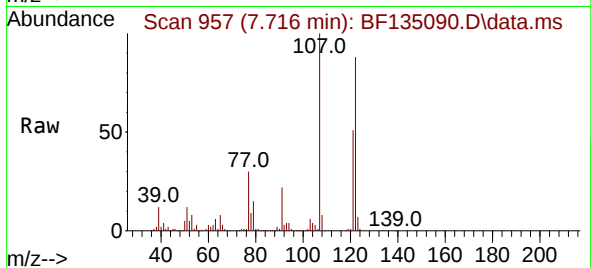
Acq: 05 Sep 2023 11:54

Instrument :

BNA_F

ClientSampleId :

PB155213BS



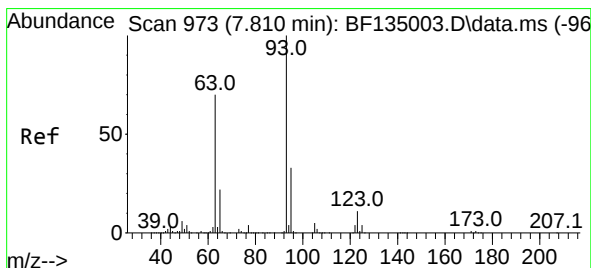
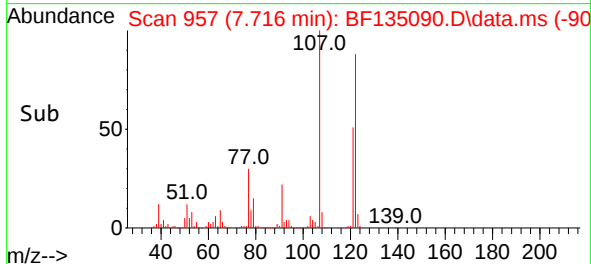
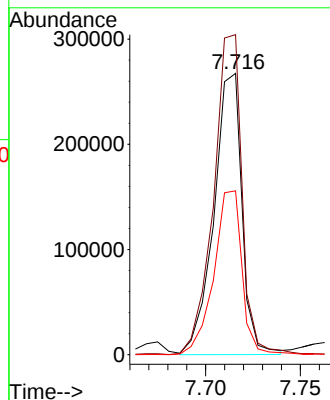
Tgt Ion:122 Resp: 275993

Ion Ratio Lower Upper

122 100

107 113.8 87.8 131.8

121 58.3 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 44.327 ng

RT: 7.810 min Scan# 973

Delta R.T. -0.000 min

Lab File: BF135090.D

Acq: 05 Sep 2023 11:54

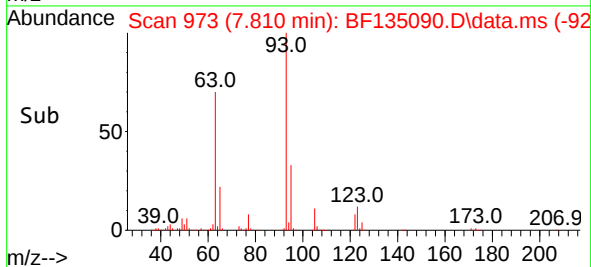
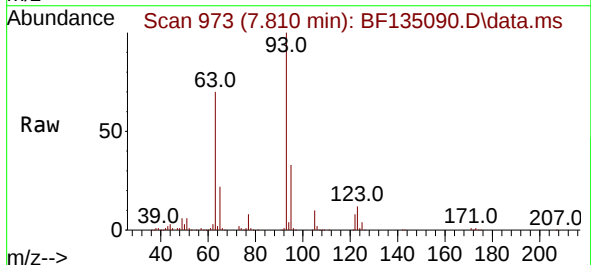
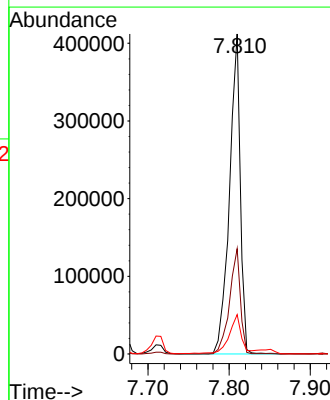
Tgt Ion: 93 Resp: 383689

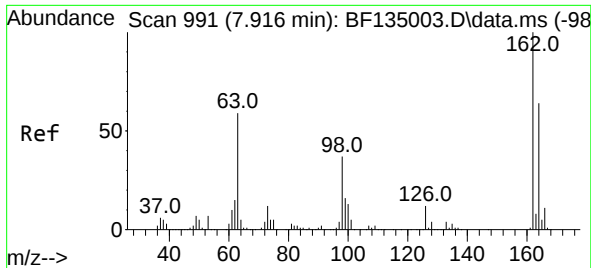
Ion Ratio Lower Upper

93 100

95 32.9 26.0 39.0

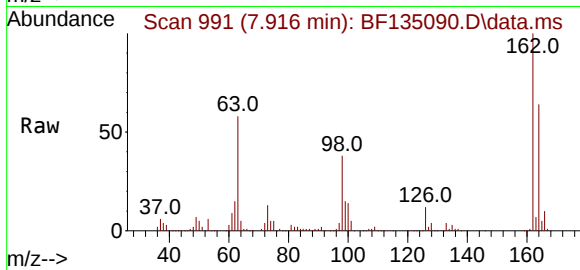
123 12.3 9.2 13.8



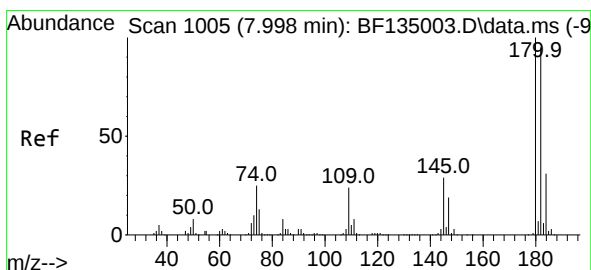
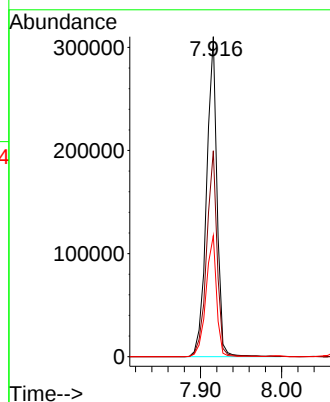
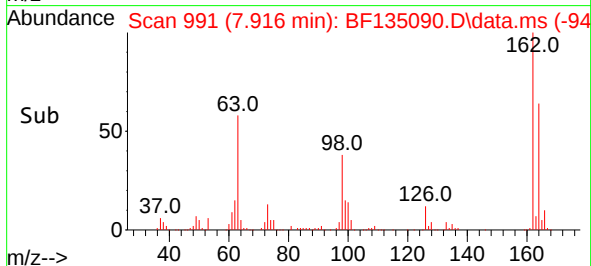


#29
2,4-Dichlorophenol
Concen: 47.312 ng
RT: 7.916 min Scan# 991
Delta R.T. -0.000 min
Lab File: BF135090.D
Acq: 05 Sep 2023 11:54

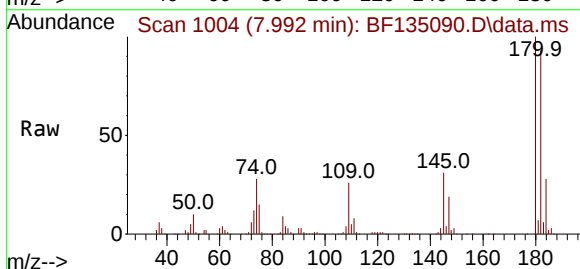
Instrument :
BNA_F
ClientSampleId :
PB155213BS



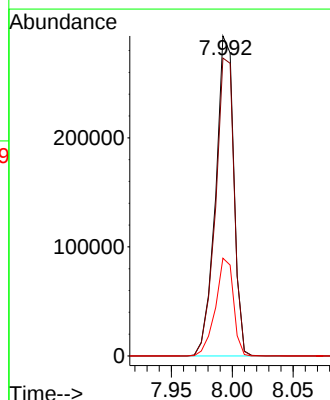
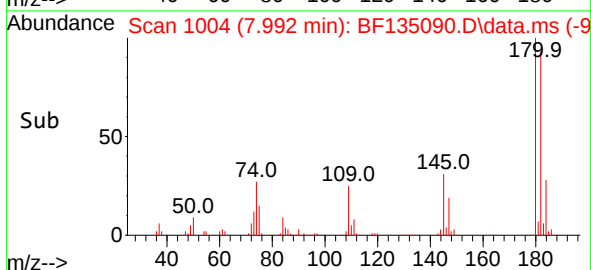
Tgt Ion:162 Resp: 277678
Ion Ratio Lower Upper
162 100
164 64.3 44.2 84.2
98 37.8 17.3 57.3

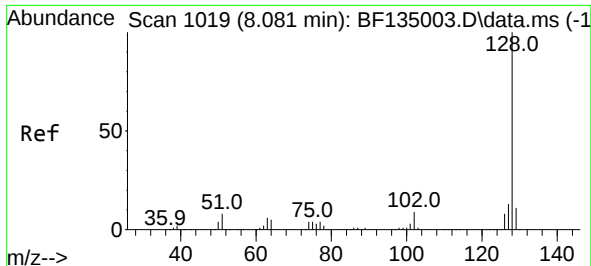


#30
1,2,4-Trichlorobenzene
Concen: 48.157 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF135090.D
Acq: 05 Sep 2023 11:54



Tgt Ion:180 Resp: 305429
Ion Ratio Lower Upper
180 100
182 93.1 76.3 114.5
145 30.6 23.5 35.3

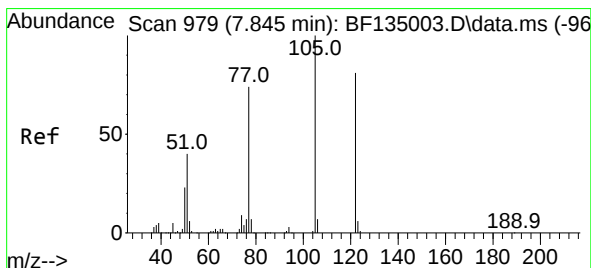
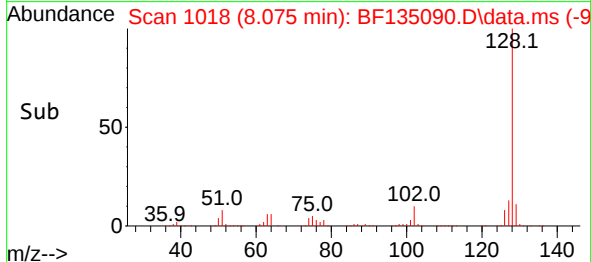
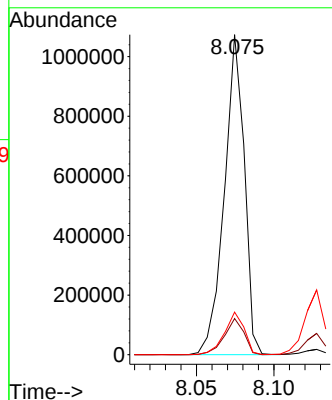
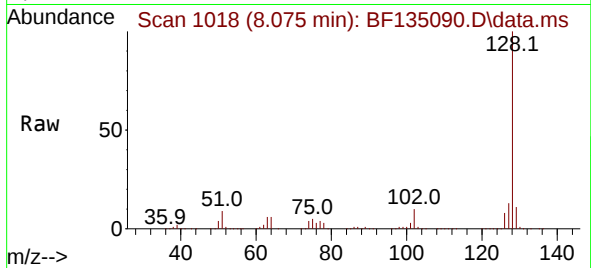




#31
Naphthalene
Concen: 46.237 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF135090.D
Acq: 05 Sep 2023 11:54

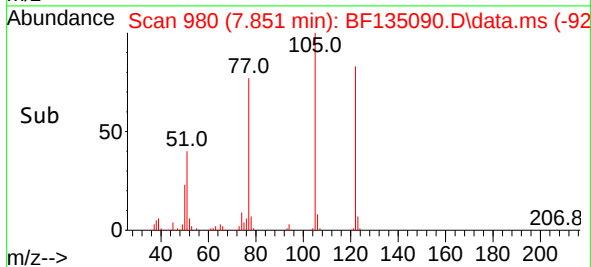
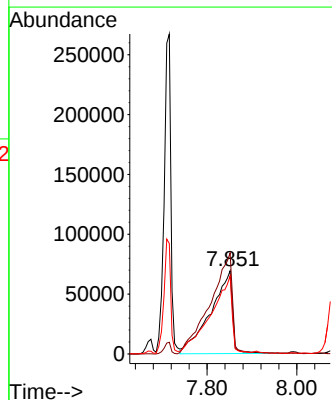
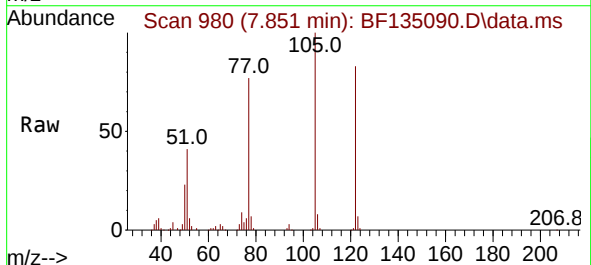
Instrument :
BNA_F
ClientSampleId :
PB155213BS

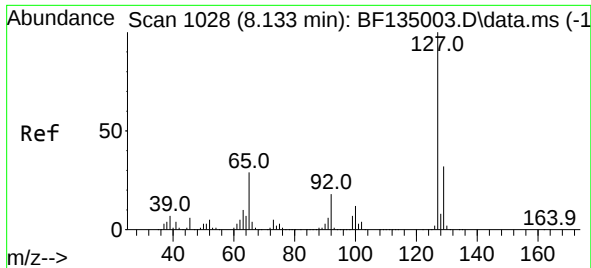
Tgt Ion:128 Resp: 960354
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 47.256 ng
RT: 7.851 min Scan# 980
Delta R.T. 0.006 min
Lab File: BF135090.D
Acq: 05 Sep 2023 11:54

Tgt Ion:122 Resp: 233438
Ion Ratio Lower Upper
122 100
105 121.2 99.8 139.8
77 93.8 69.5 109.5

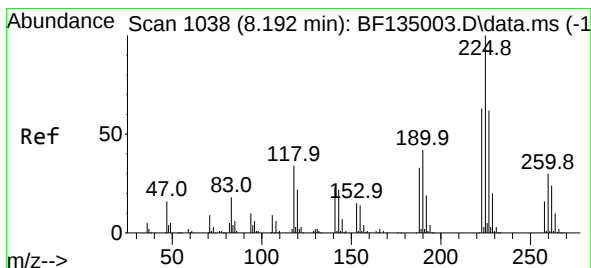
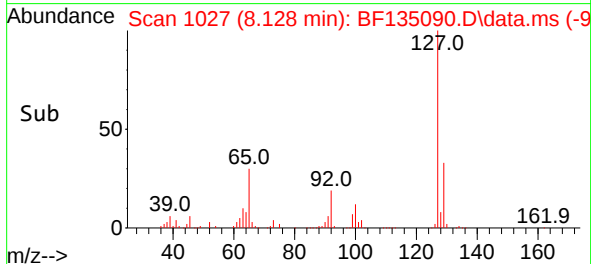
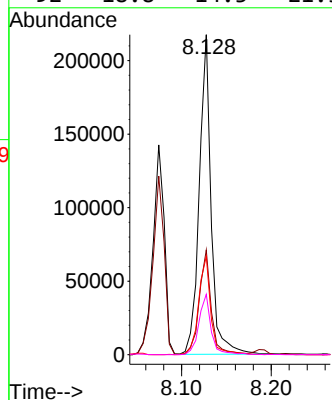
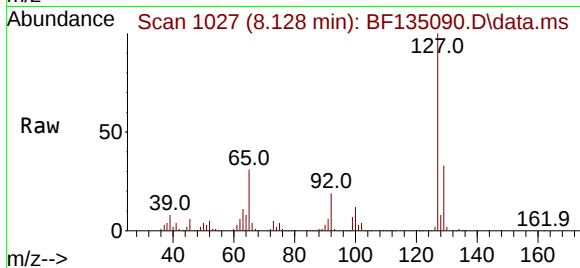




#33
4-Chloroaniline
Concen: 22.017 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF135090.D
Acq: 05 Sep 2023 11:54

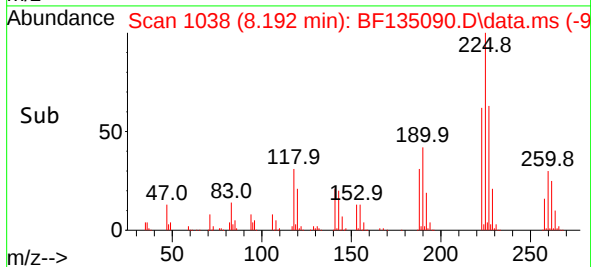
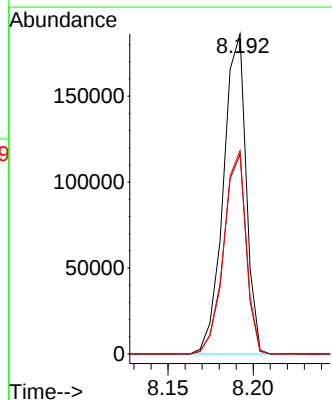
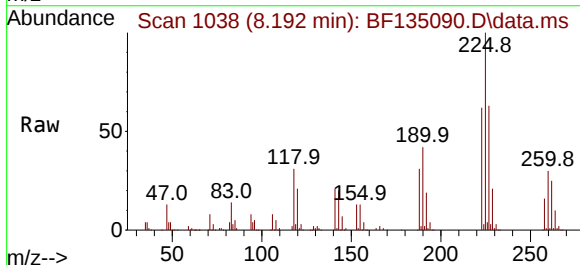
Instrument :
BNA_F
ClientSampleId :
PB155213BS

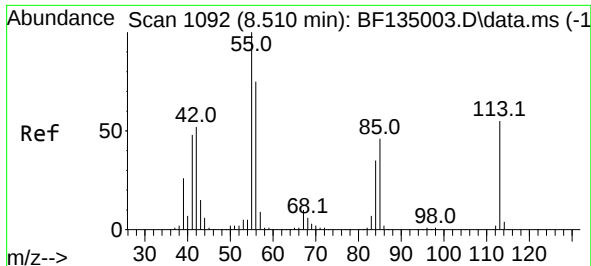
Tgt Ion:	127	Resp:	200015
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.6	38.4
65	30.7	23.1	34.7
92	18.8	14.3	21.5



#34
Hexachlorobutadiene
Concen: 48.042 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.000 min
Lab File: BF135090.D
Acq: 05 Sep 2023 11:54

Tgt Ion:	225	Resp:	172920
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.7	76.1
227	63.5	49.6	74.4

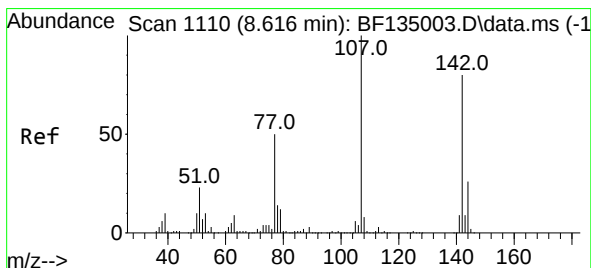
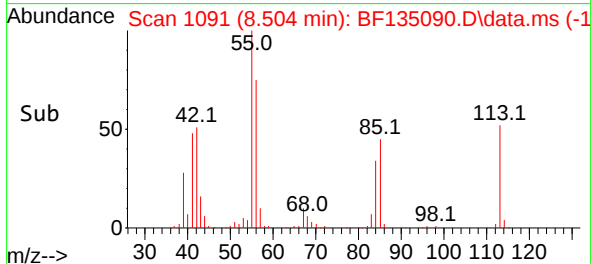
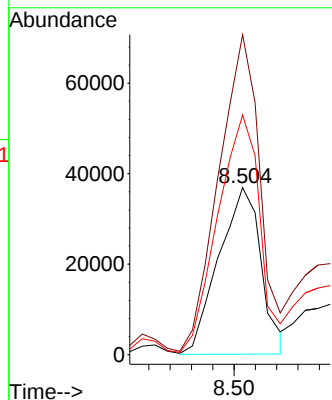
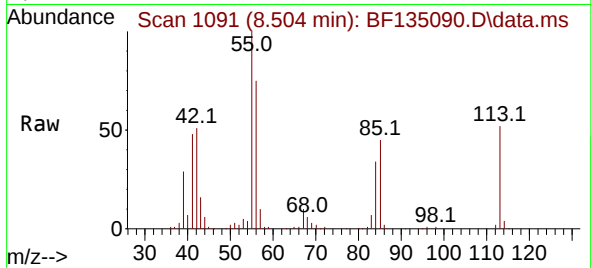




#35
Caprolactam
Concen: 26.508 ng
RT: 8.504 min Scan# 1092
Delta R.T. -0.006 min
Lab File: BF135090.D
Acq: 05 Sep 2023 11:54

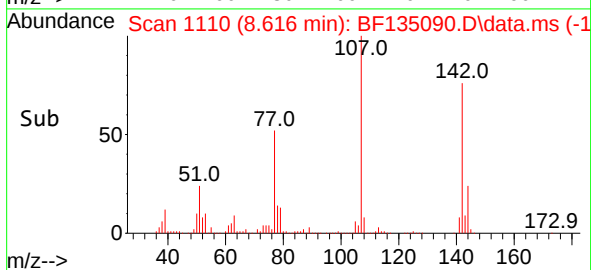
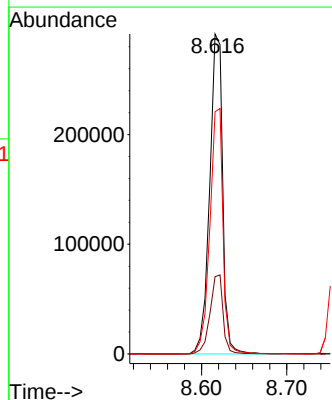
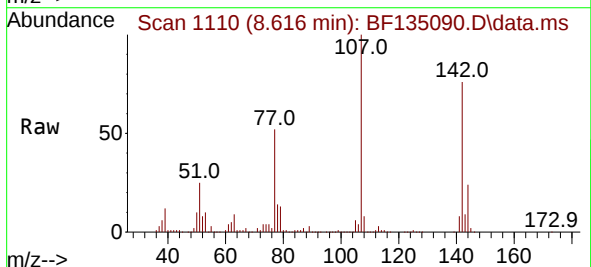
Instrument :
BNA_F
ClientSampleId :
PB155213BS

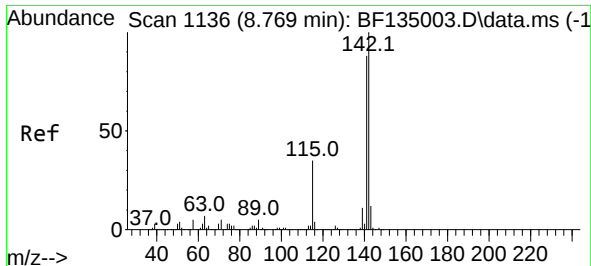
Tgt Ion:113 Resp: 50939
Ion Ratio Lower Upper
113 100
55 191.6 160.6 200.6
56 143.5 115.4 155.4



#36
4-Chloro-3-methylphenol
Concen: 48.555 ng
RT: 8.616 min Scan# 1110
Delta R.T. -0.000 min
Lab File: BF135090.D
Acq: 05 Sep 2023 11:54

Tgt Ion:107 Resp: 309515
Ion Ratio Lower Upper
107 100
144 24.2 20.6 31.0
142 75.7 64.4 96.6





#37

2-Methylnaphthalene

Concen: 44.242 ng

RT: 8.769 min Scan# 1136

Delta R.T. -0.000 min

Lab File: BF135090.D

Acq: 05 Sep 2023 11:54

Instrument :

BNA_F

ClientSampleId :

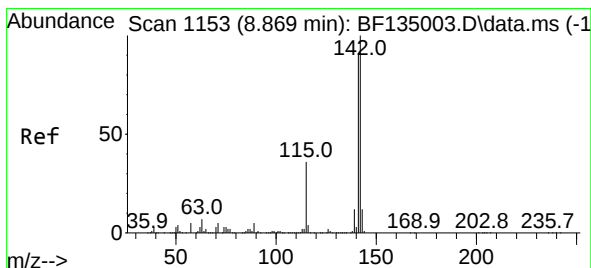
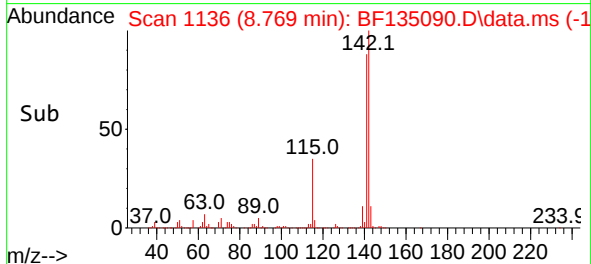
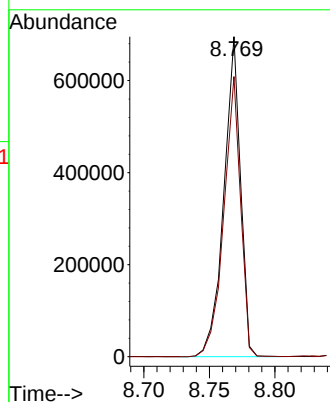
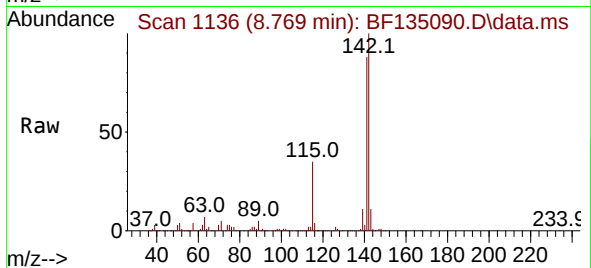
PB155213BS

Tgt Ion:142 Resp: 613123

Ion Ratio Lower Upper

142 100

141 87.5 70.7 106.1



#38

1-Methylnaphthalene

Concen: 44.795 ng

RT: 8.869 min Scan# 1153

Delta R.T. -0.000 min

Lab File: BF135090.D

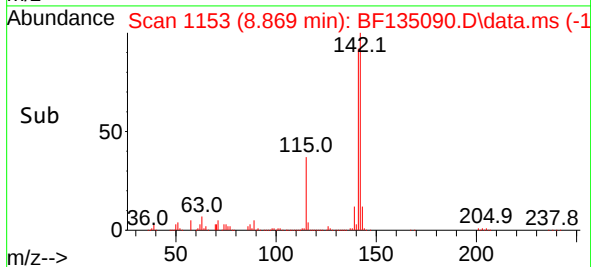
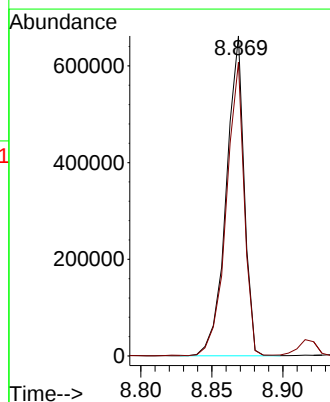
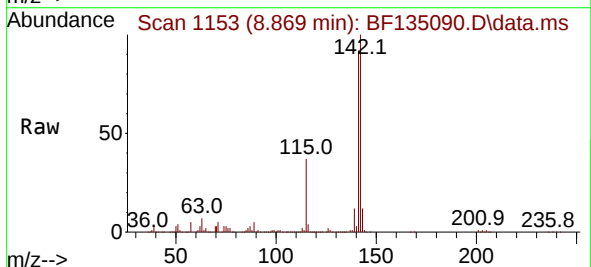
Acq: 05 Sep 2023 11:54

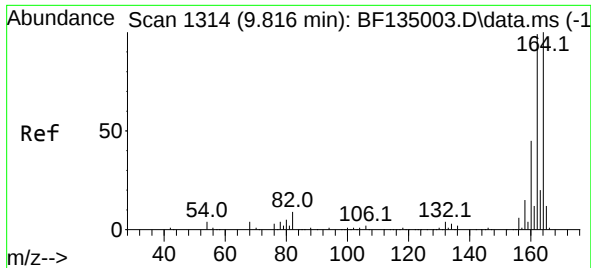
Tgt Ion:142 Resp: 580864

Ion Ratio Lower Upper

142 100

141 91.8 73.0 109.4

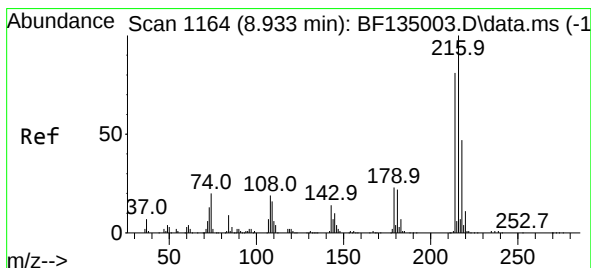
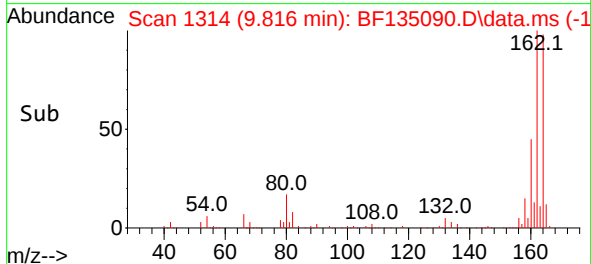
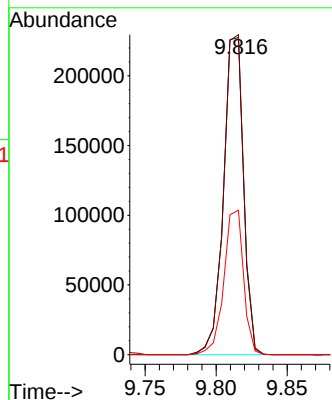
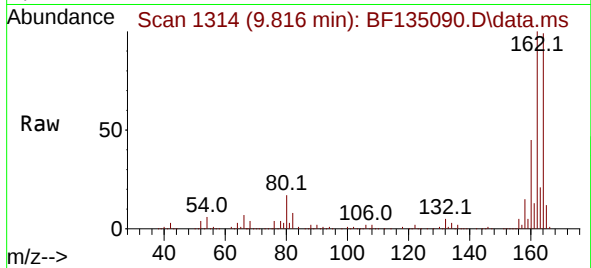




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF135090.D
Acq: 05 Sep 2023 11:54

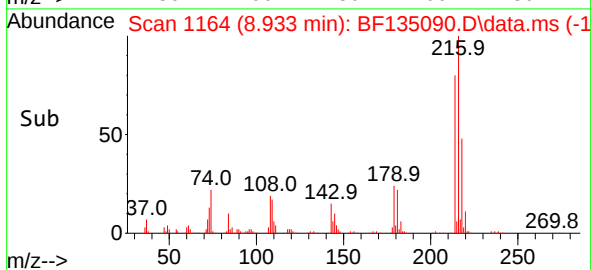
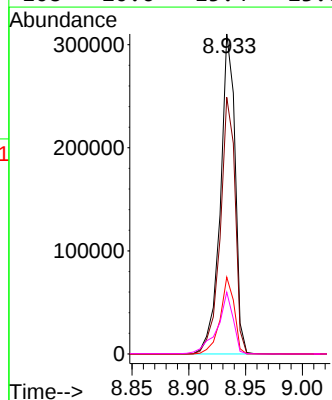
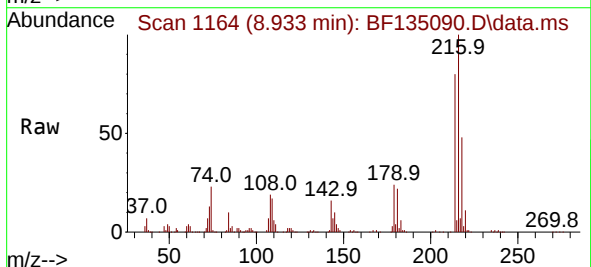
Instrument :
BNA_F
ClientSampleId :
PB155213BS

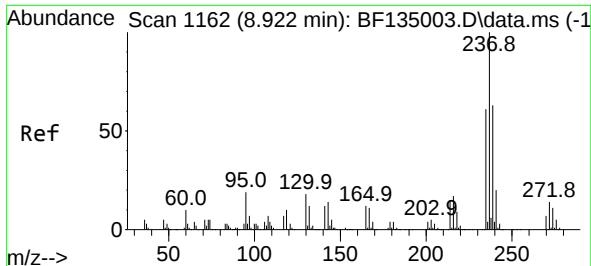
Tgt Ion:164 Resp: 223010
Ion Ratio Lower Upper
164 100
162 100.9 79.5 119.3
160 45.6 36.0 54.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.065 ng
RT: 8.933 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF135090.D
Acq: 05 Sep 2023 11:54

Tgt Ion:216 Resp: 281333
Ion Ratio Lower Upper
216 100
214 80.6 63.8 95.8
179 22.8 17.7 26.5
108 20.6 15.4 23.0

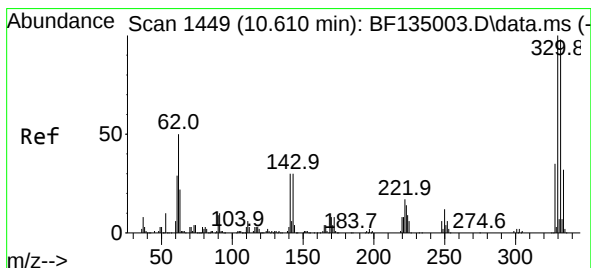
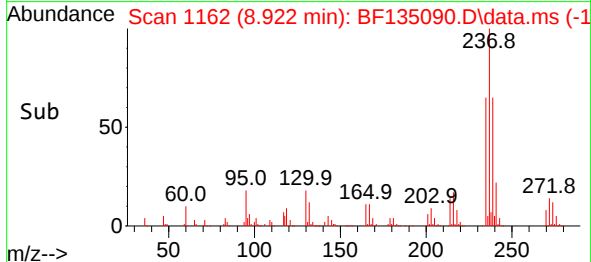
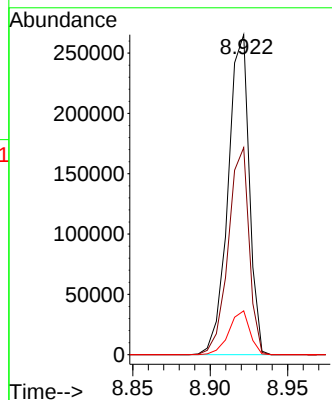
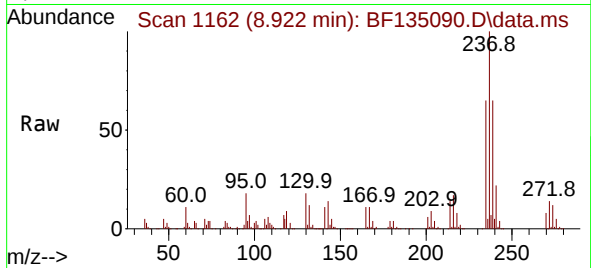




#41
Hexachlorocyclopentadiene
Concen: 94.829 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BF135090.D
Acq: 05 Sep 2023 11:54

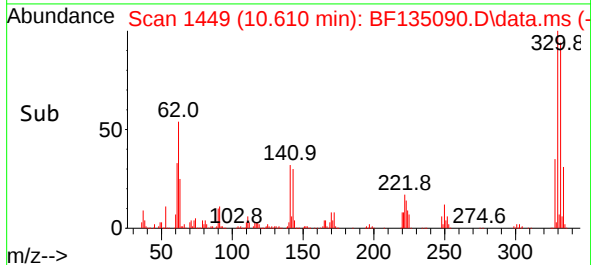
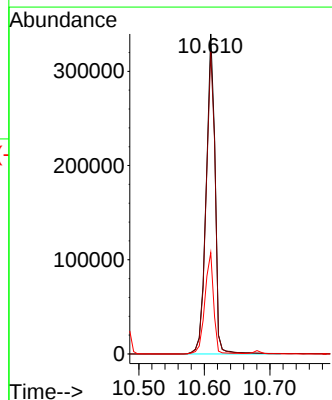
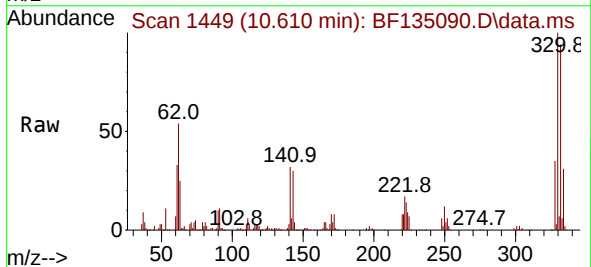
Instrument :
BNA_F
ClientSampleId :
PB155213BS

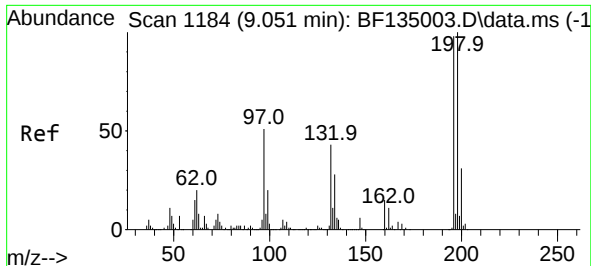
Tgt Ion:237 Resp: 251971
Ion Ratio Lower Upper
237 100
235 64.7 40.9 80.9
272 13.7 0.0 33.9



#42
2,4,6-Tribromophenol
Concen: 135.373 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF135090.D
Acq: 05 Sep 2023 11:54

Tgt Ion:330 Resp: 320247
Ion Ratio Lower Upper
330 100
332 96.7 77.6 116.4
141 31.4 26.3 39.5





#43

2,4,6-Trichlorophenol

Concen: 46.738 ng

RT: 9.051 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BF135090.D

Acq: 05 Sep 2023 11:54

Instrument :

BNA_F

ClientSampleId :

PB155213BS

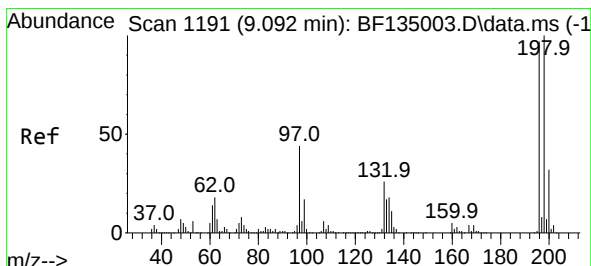
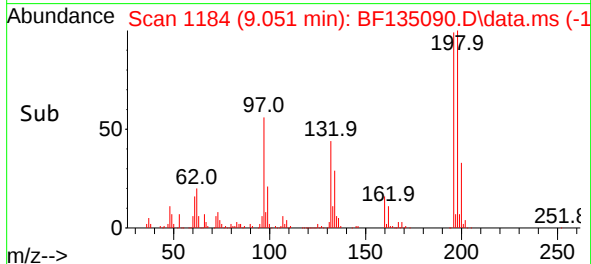
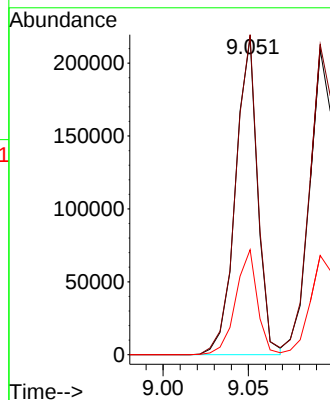
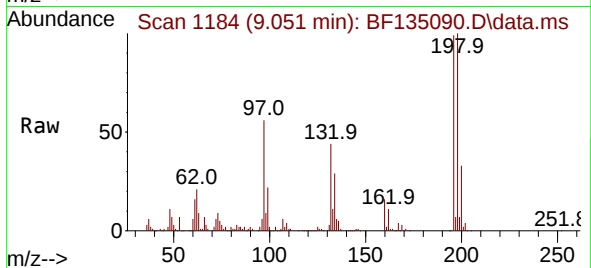
Tgt Ion:196 Resp: 195957

Ion Ratio Lower Upper

196 100

198 101.1 81.8 122.6

200 33.1 25.7 38.5



#44

2,4,5-Trichlorophenol

Concen: 43.019 ng

RT: 9.092 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF135090.D

Acq: 05 Sep 2023 11:54

Tgt Ion:196 Resp: 208812

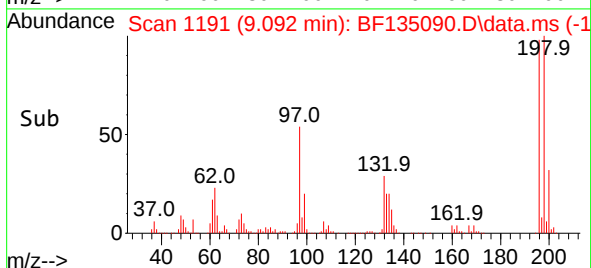
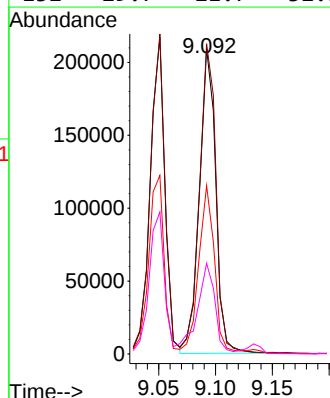
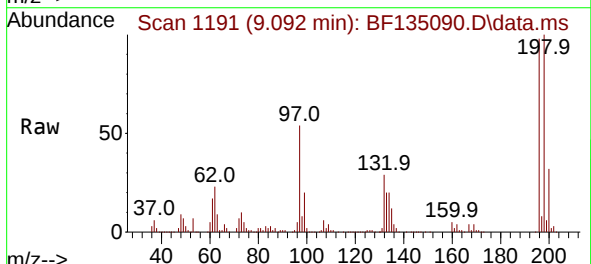
Ion Ratio Lower Upper

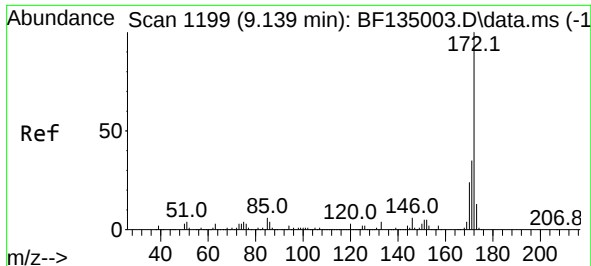
196 100

198 101.7 82.8 124.2

97 55.1 36.5 54.7#

132 29.7 21.7 32.5





#45

2-Fluorobiphenyl

Concen: 88.456 ng

RT: 9.133 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF135090.D

Acq: 05 Sep 2023 11:54

Instrument :

BNA_F

ClientSampleId :

PB155213BS

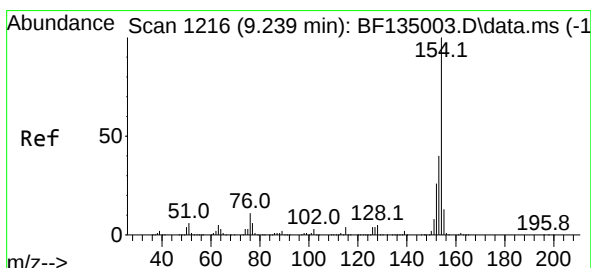
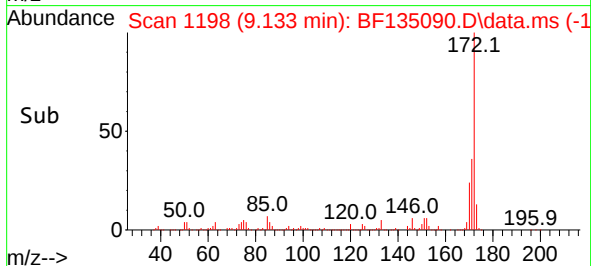
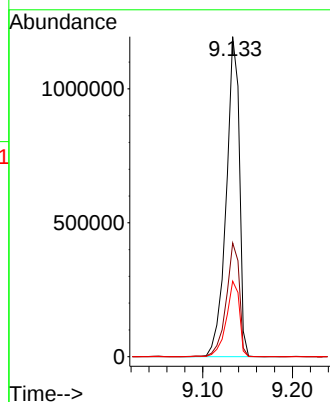
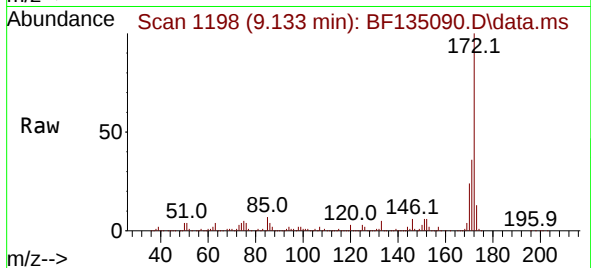
Tgt Ion:172 Resp: 1211623

Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

170 23.6 19.0 28.4



#46

1,1'-Biphenyl

Concen: 45.506 ng

RT: 9.233 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF135090.D

Acq: 05 Sep 2023 11:54

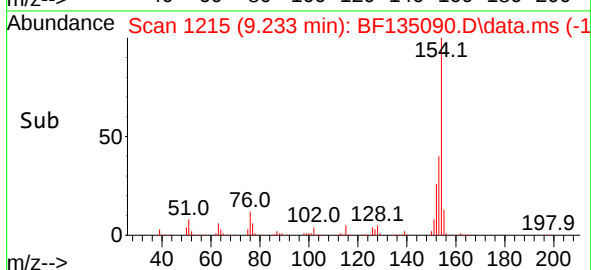
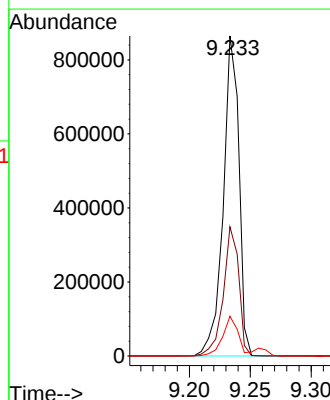
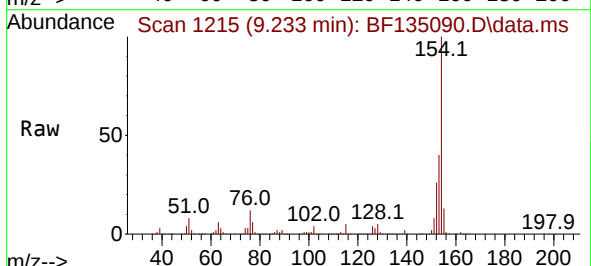
Tgt Ion:154 Resp: 775351

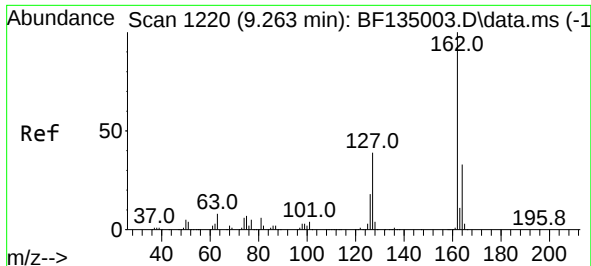
Ion Ratio Lower Upper

154 100

153 40.4 20.2 60.2

76 12.4 0.0 31.2

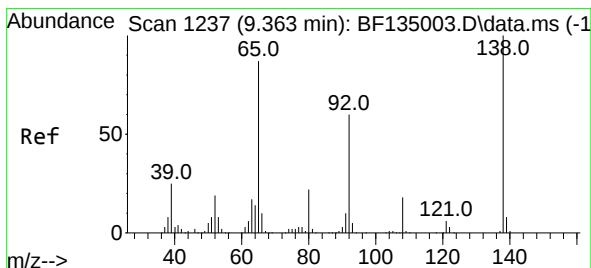
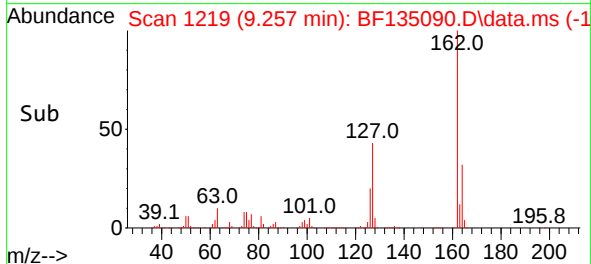
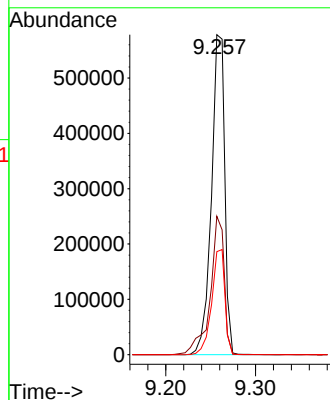
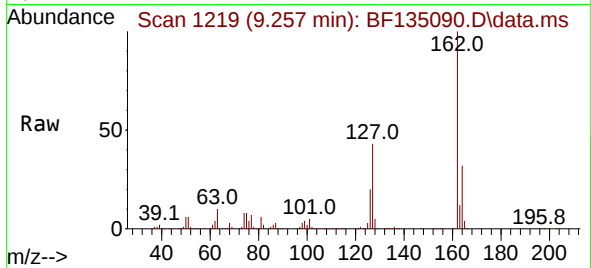




#47
2-Chloronaphthalene
Concen: 46.432 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF135090.D
Acq: 05 Sep 2023 11:54

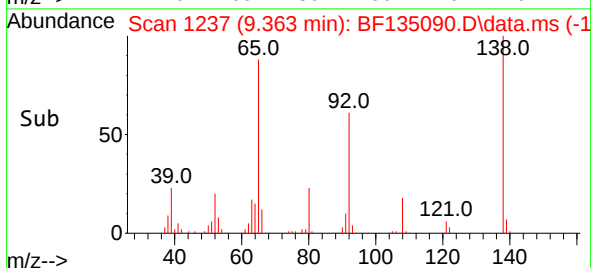
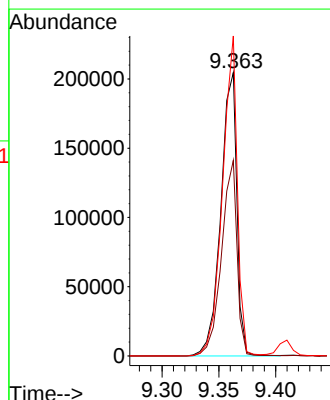
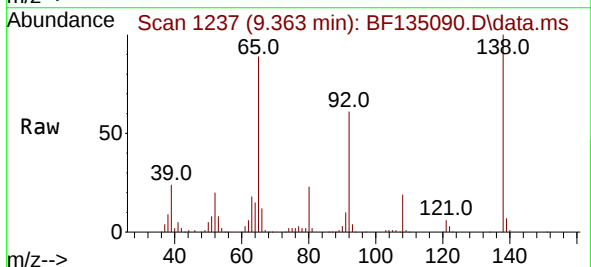
Instrument :
BNA_F
ClientSampleId :
PB155213BS

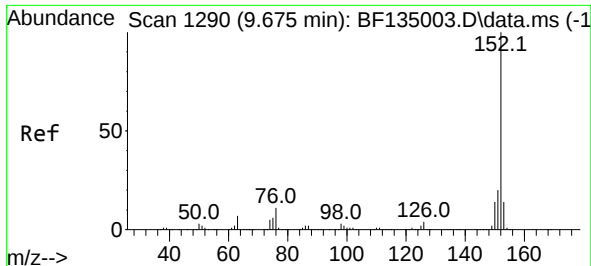
Tgt Ion:162 Resp: 594919
Ion Ratio Lower Upper
162 100
127 43.2 31.8 47.6
164 32.2 26.6 39.8



#48
2-Nitroaniline
Concen: 46.010 ng
RT: 9.363 min Scan# 1237
Delta R.T. -0.000 min
Lab File: BF135090.D
Acq: 05 Sep 2023 11:54

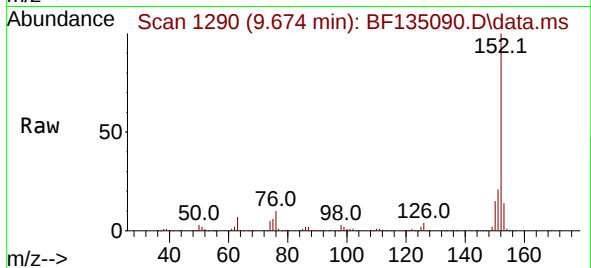
Tgt Ion: 65 Resp: 201804
Ion Ratio Lower Upper
65 100
92 69.0 54.9 82.3
138 113.0 91.6 137.4



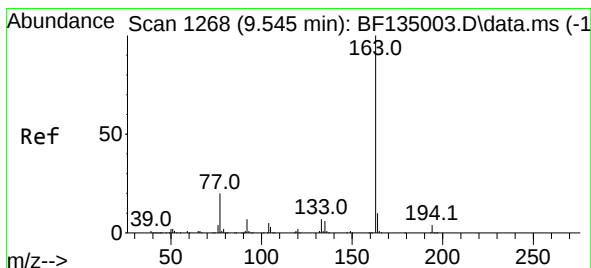
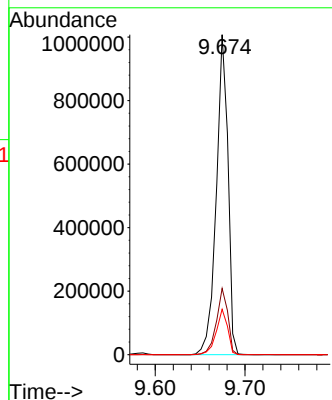
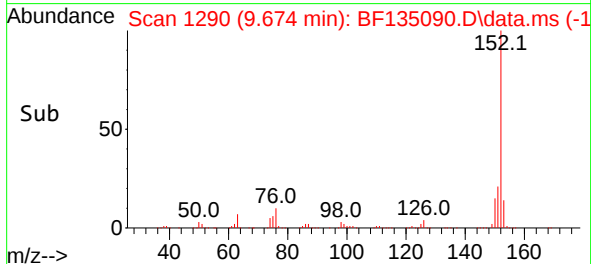


#49
Acenaphthylene
Concen: 46.901 ng
RT: 9.674 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BF135090.D
Acq: 05 Sep 2023 11:54

Instrument :
BNA_F
ClientSampleId :
PB155213BS

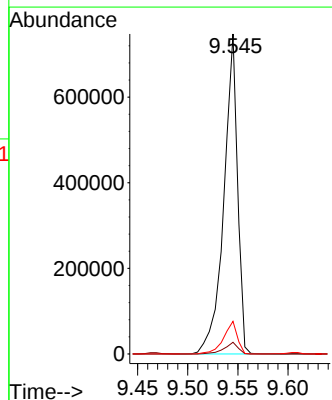
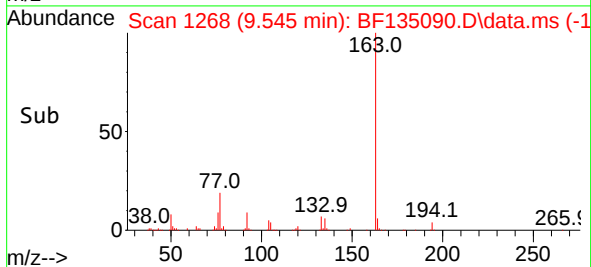
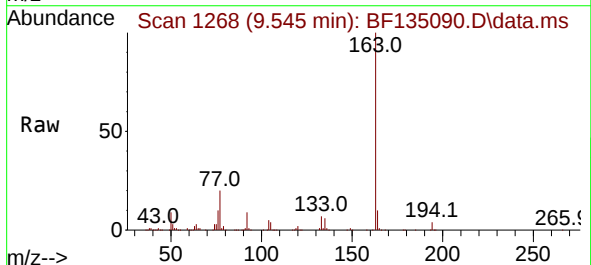


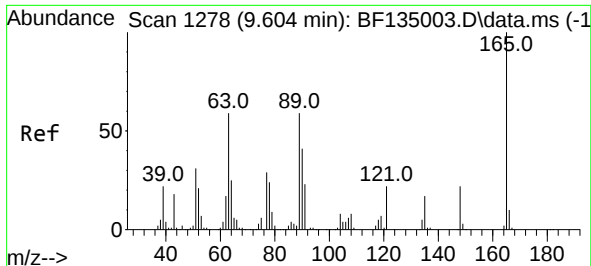
Tgt Ion:152 Resp: 908417
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 14.2 11.4 17.0



#50
Dimethylphthalate
Concen: 45.383 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.000 min
Lab File: BF135090.D
Acq: 05 Sep 2023 11:54

Tgt Ion:163 Resp: 708675
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 10.2 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 46.667 ng

RT: 9.604 min Scan# 1319

Delta R.T. -0.000 min

Lab File: BF135090.D

Acq: 05 Sep 2023 11:54

Instrument :

BNA_F

ClientSampleId :

PB155213BS

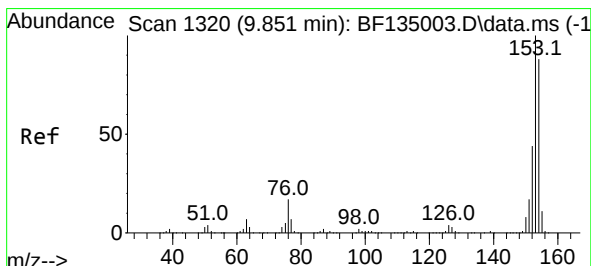
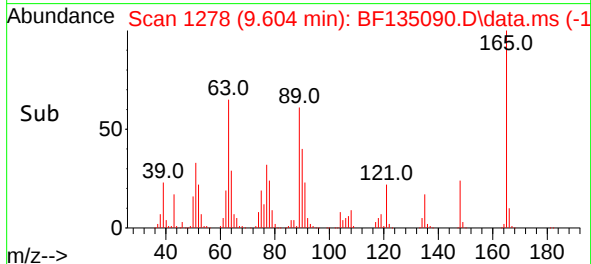
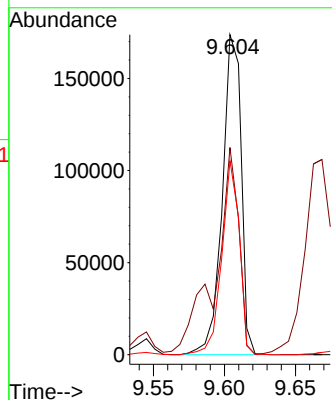
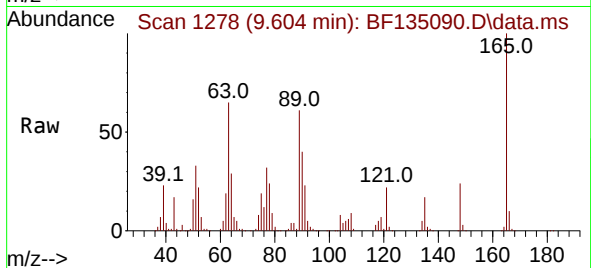
Tgt Ion:165 Resp: 159899

Ion Ratio Lower Upper

165 100

63 64.7 50.4 75.6

89 60.6 47.1 70.7



#52

Acenaphthene

Concen: 45.060 ng

RT: 9.845 min Scan# 1319

Delta R.T. -0.006 min

Lab File: BF135090.D

Acq: 05 Sep 2023 11:54

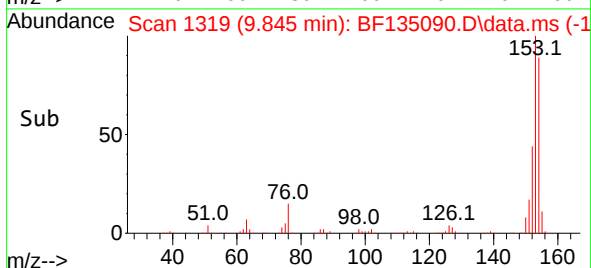
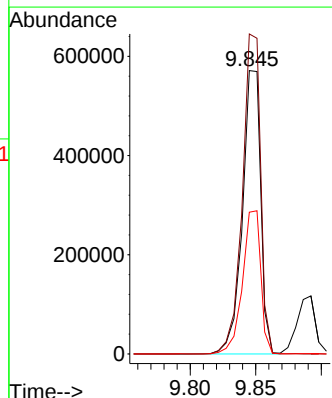
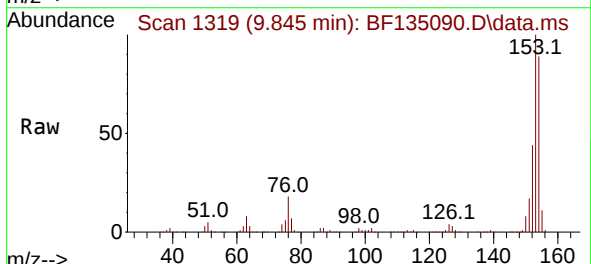
Tgt Ion:154 Resp: 556181

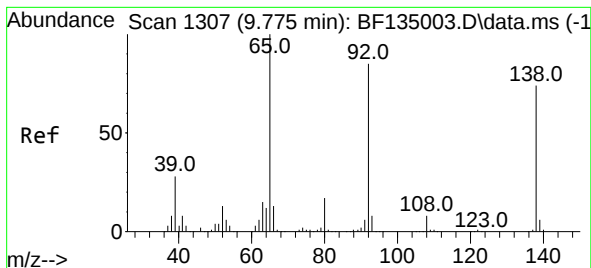
Ion Ratio Lower Upper

154 100

153 112.9 90.8 136.2

152 50.0 40.2 60.4





#53

3-Nitroaniline

Concen: 30.921 ng

RT: 9.774 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF135090.D

Acq: 05 Sep 2023 11:54

Instrument :

BNA_F

ClientSampleId :

PB155213BS

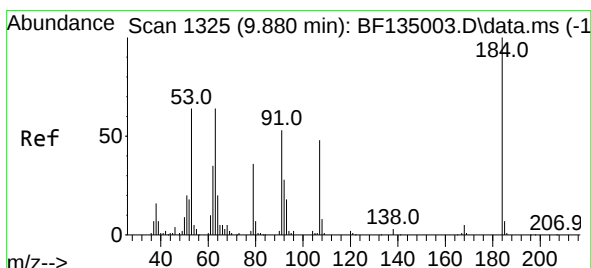
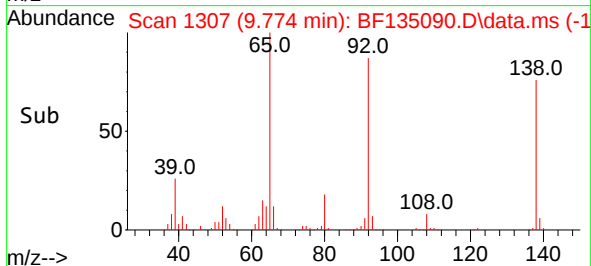
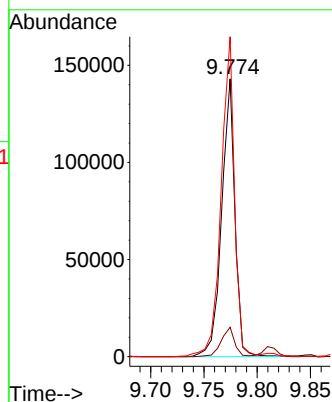
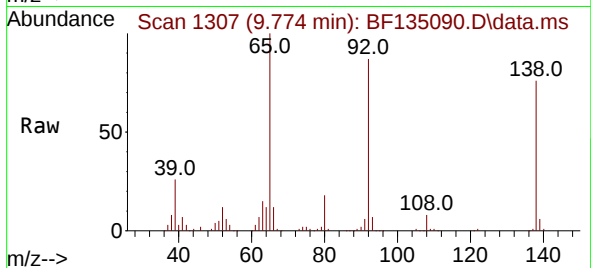
Tgt Ion:138 Resp: 123418

Ion Ratio Lower Upper

138 100

108 10.6 8.6 13.0

92 115.1 92.2 138.4



#54

2,4-Dinitrophenol

Concen: 106.829 ng

RT: 9.892 min Scan# 1327

Delta R.T. 0.012 min

Lab File: BF135090.D

Acq: 05 Sep 2023 11:54

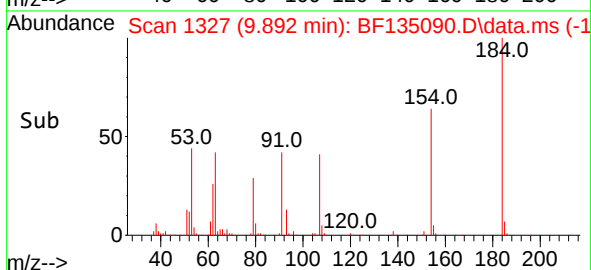
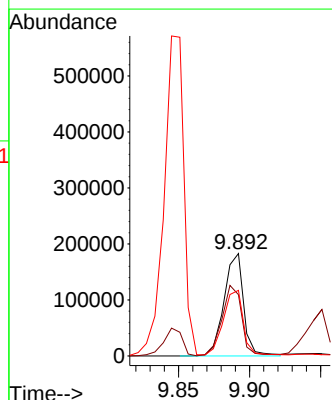
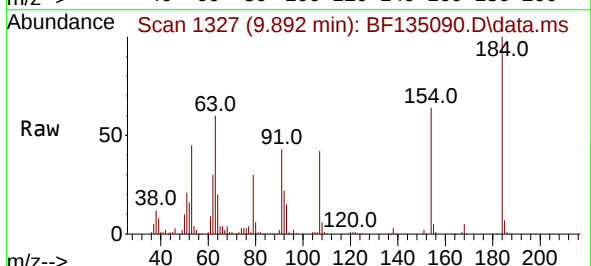
Tgt Ion:184 Resp: 174941

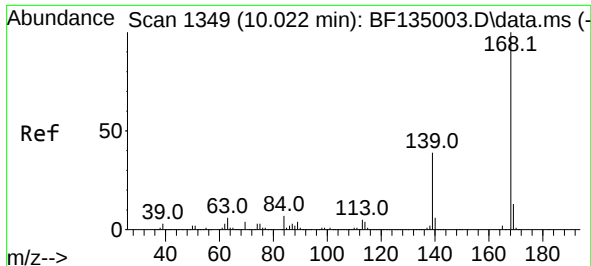
Ion Ratio Lower Upper

184 100

63 59.9 62.2 93.2#

154 64.1 52.3 78.5

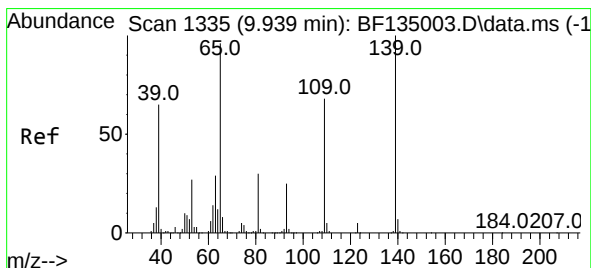
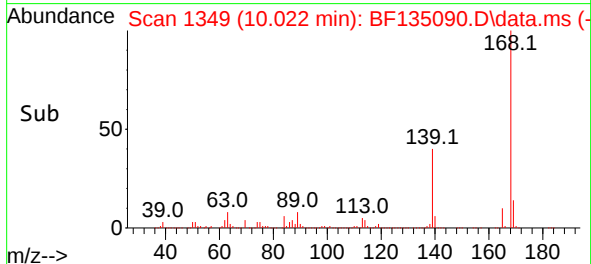
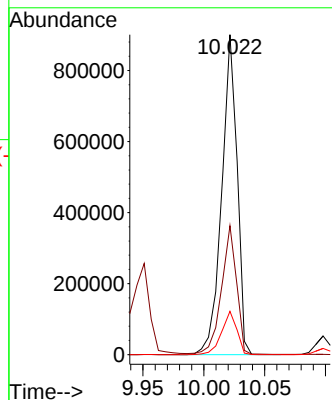
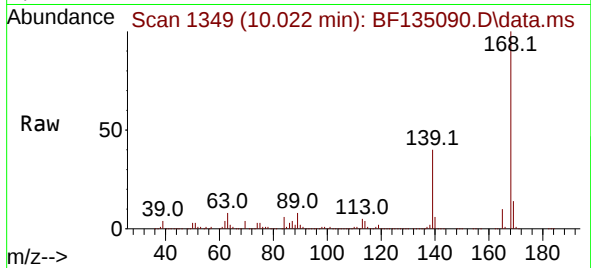




#55
Dibenzofuran
Concen: 44.531 ng
RT: 10.022 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BF135090.D
Acq: 05 Sep 2023 11:54

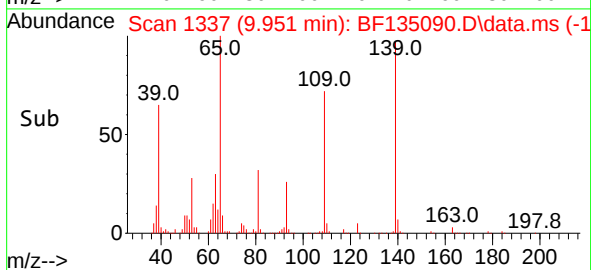
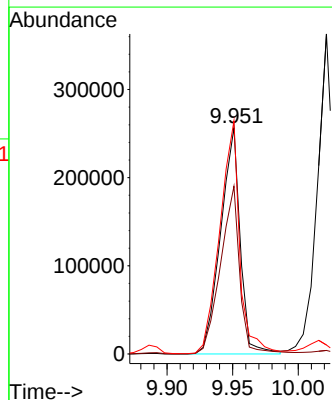
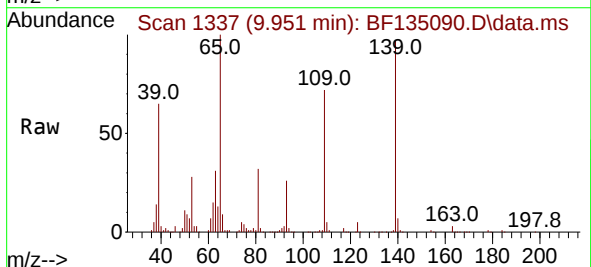
Instrument :
BNA_F
ClientSampleId :
PB155213BS

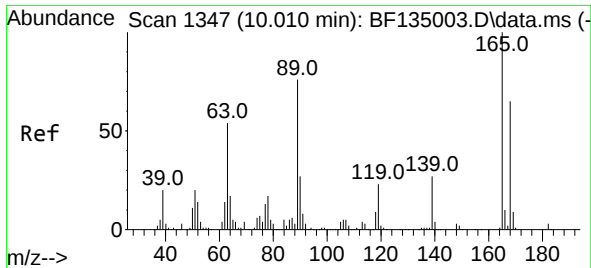
Tgt Ion:168 Resp: 792892
Ion Ratio Lower Upper
168 100
139 40.3 31.5 47.3
169 13.6 10.7 16.1



#56
4-Nitrophenol
Concen: 94.777 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.012 min
Lab File: BF135090.D
Acq: 05 Sep 2023 11:54

Tgt Ion:139 Resp: 265912
Ion Ratio Lower Upper
139 100
109 74.1 47.7 87.7
65 103.0 75.9 115.9

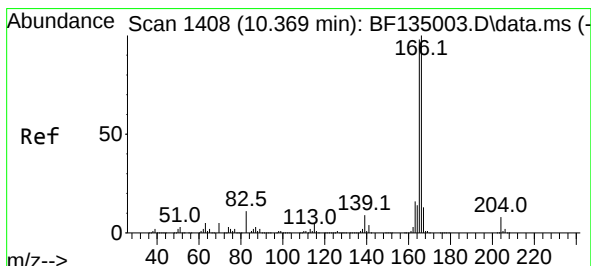
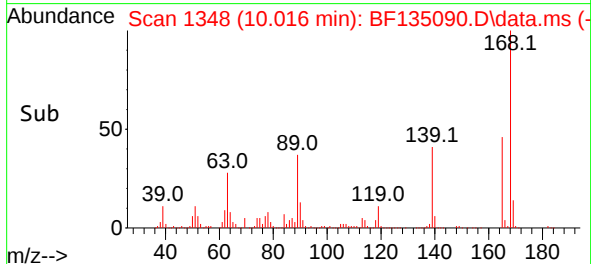
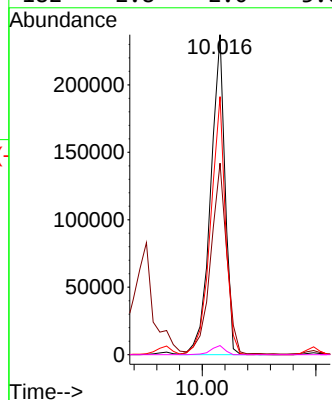
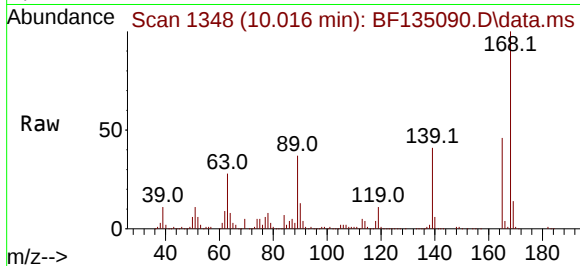




#57
2,4-Dinitrotoluene
Concen: 48.842 ng
RT: 10.016 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135090.D
Acq: 05 Sep 2023 11:54

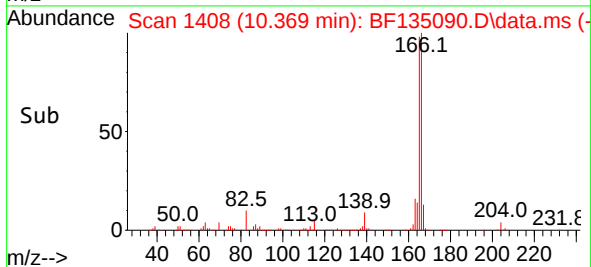
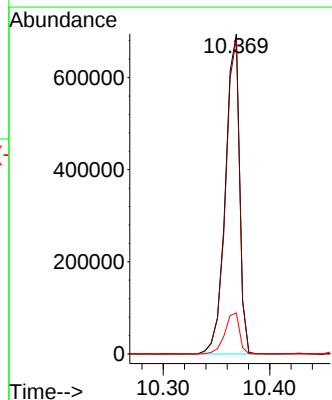
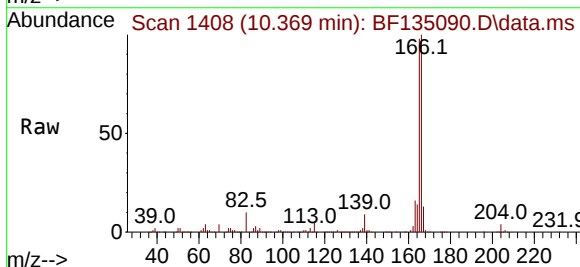
Instrument :
BNA_F
ClientSampleId :
PB155213BS

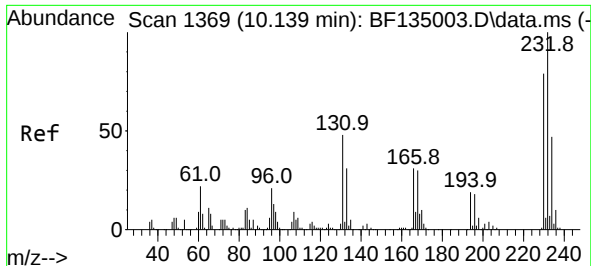
Tgt Ion:165 Resp: 208557
Ion Ratio Lower Upper
165 100
63 59.9 43.2 64.8
89 80.7 60.8 91.2
182 2.8 2.0 3.0



#58
Fluorene
Concen: 47.043 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF135090.D
Acq: 05 Sep 2023 11:54

Tgt Ion:166 Resp: 638576
Ion Ratio Lower Upper
166 100
165 98.5 78.0 117.0
167 12.8 10.8 16.2

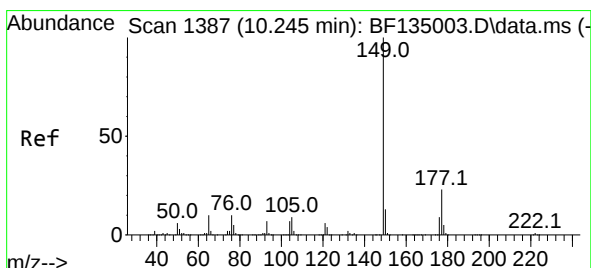
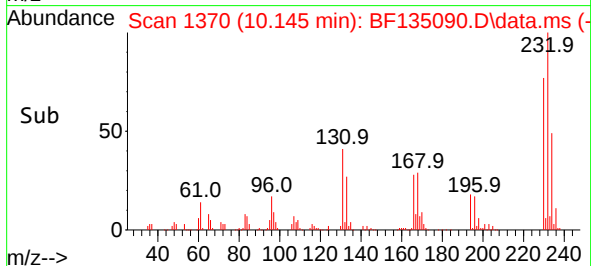
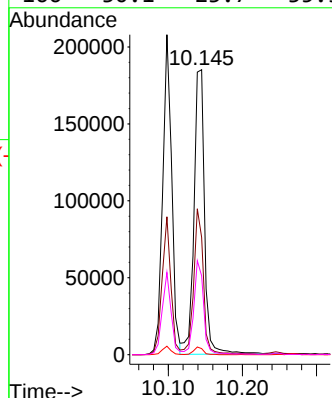
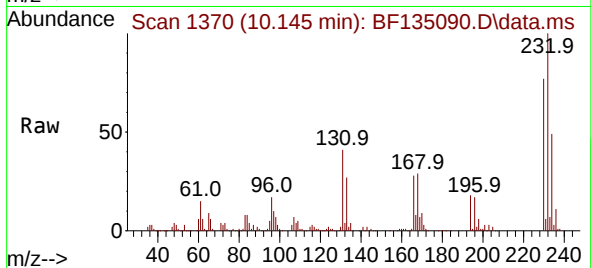




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.283 ng
RT: 10.145 min Scan# 1370
Delta R.T. 0.006 min
Lab File: BF135090.D
Acq: 05 Sep 2023 11:54

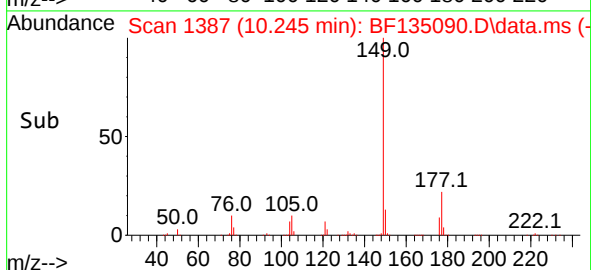
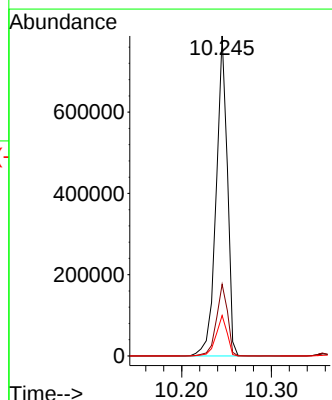
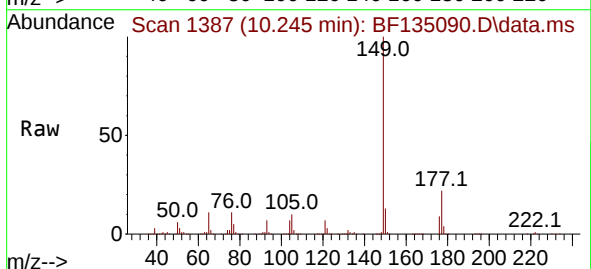
Instrument :
BNA_F
ClientSampleId :
PB155213BS

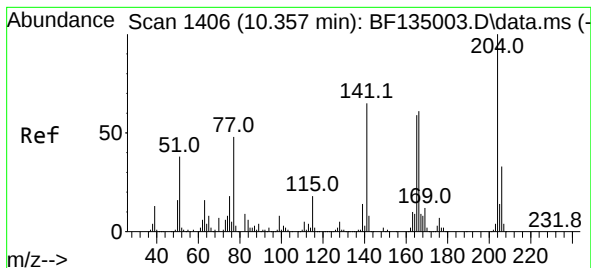
Tgt Ion:232 Resp: 184204
Ion Ratio Lower Upper
232 100
131 46.6 35.3 52.9
130 2.4 1.7 2.5
166 30.1 23.7 35.5



#60
Diethylphthalate
Concen: 46.215 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.000 min
Lab File: BF135090.D
Acq: 05 Sep 2023 11:54

Tgt Ion:149 Resp: 679337
Ion Ratio Lower Upper
149 100
177 22.4 18.5 27.7
150 12.6 10.1 15.1

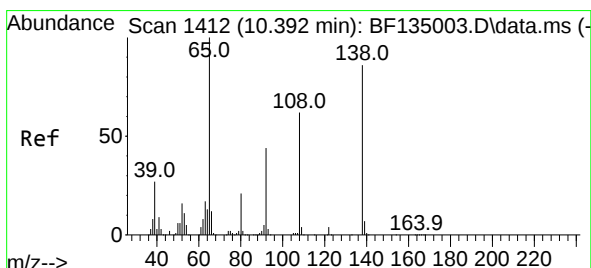
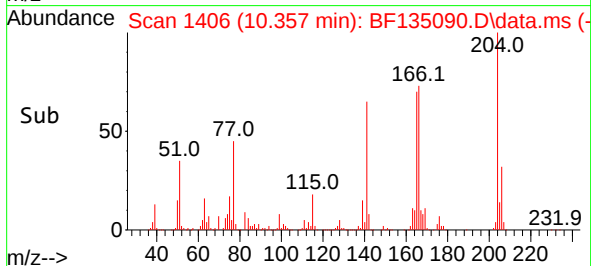
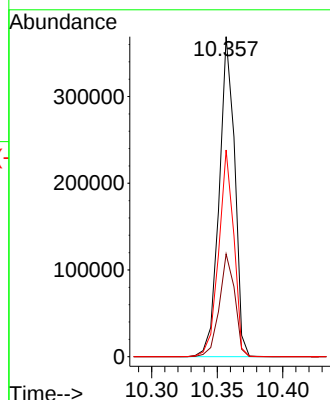
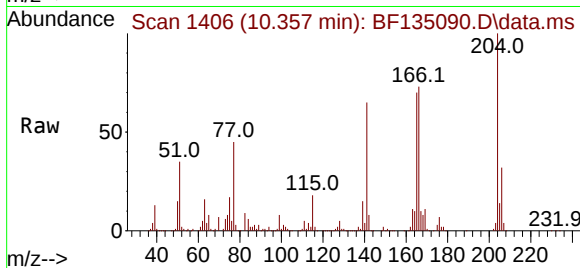




#61
4-Chlorophenyl-phenylether
Concen: 45.108 ng
RT: 10.357 min Scan# 1406
Delta R.T. -0.000 min
Lab File: BF135090.D
Acq: 05 Sep 2023 11:54

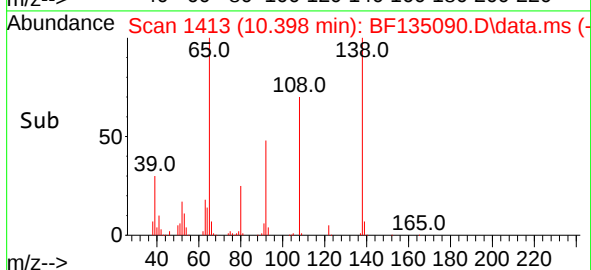
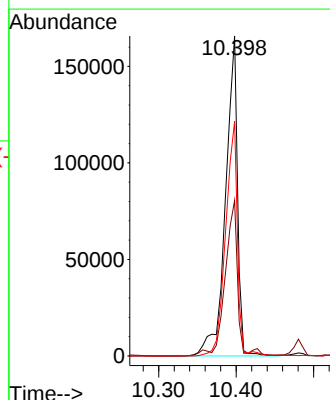
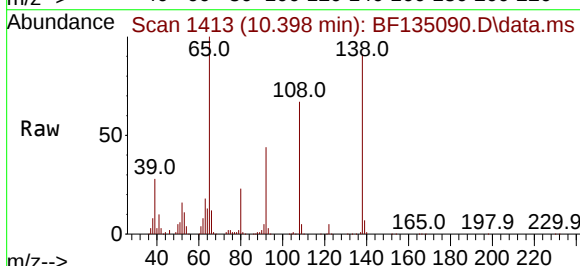
Instrument :
BNA_F
ClientSampleId :
PB155213BS

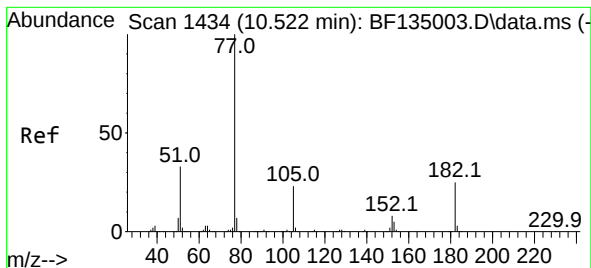
Tgt Ion:204 Resp: 302865
Ion Ratio Lower Upper
204 100
206 32.1 26.3 39.5
141 64.6 51.8 77.6



#62
4-Nitroaniline
Concen: 45.627 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.006 min
Lab File: BF135090.D
Acq: 05 Sep 2023 11:54

Tgt Ion:138 Resp: 178194
Ion Ratio Lower Upper
138 100
92 48.6 30.7 70.7
108 73.3 51.7 91.7

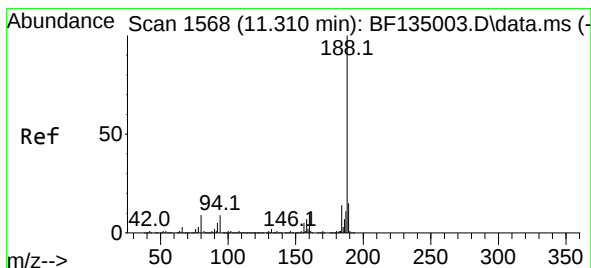
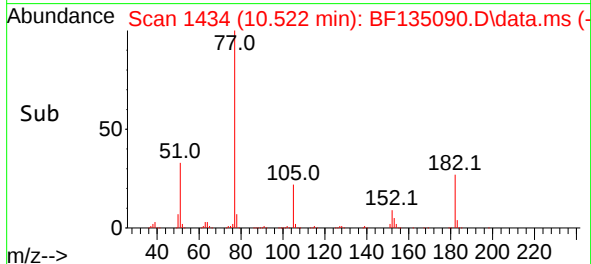
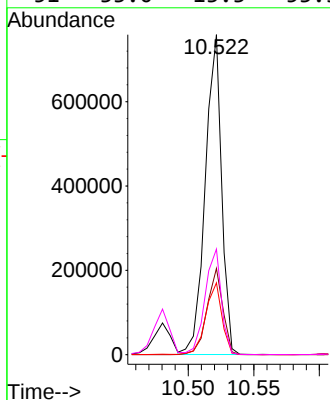
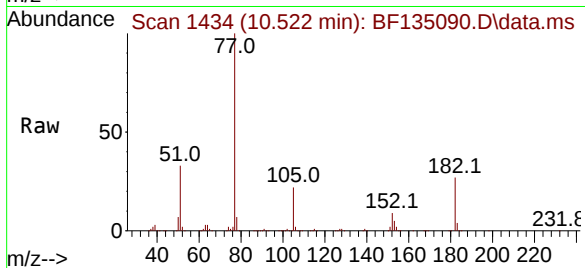




#63
Azobenzene
Concen: 44.474 ng
RT: 10.522 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BF135090.D
Acq: 05 Sep 2023 11:54

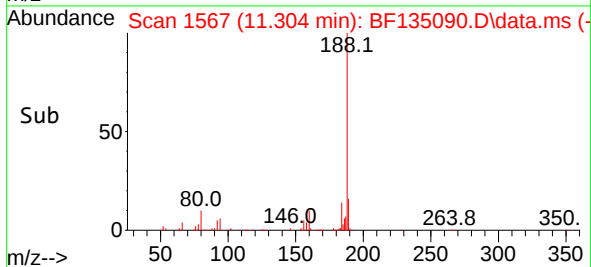
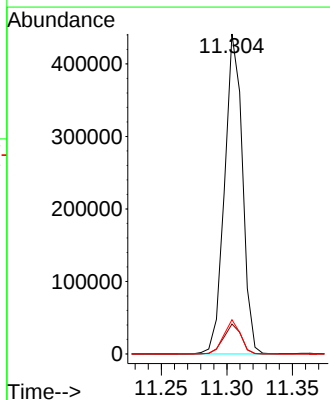
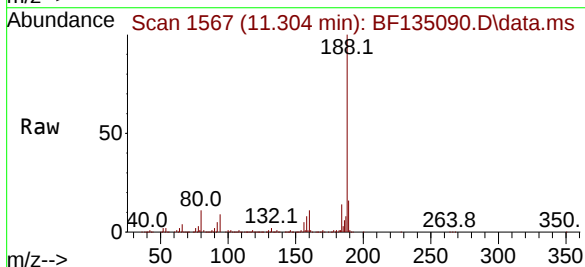
Instrument :
BNA_F
ClientSampleId :
PB155213BS

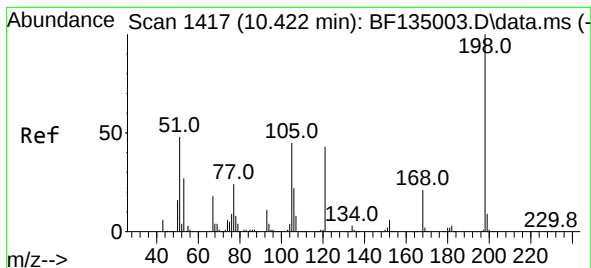
Tgt Ion: 77	Resp: 658263
Ion Ratio	Lower Upper
77 100	
182 27.0	4.9 44.9
105 22.5	2.7 42.7
51 33.0	13.3 53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF135090.D
Acq: 05 Sep 2023 11:54

Tgt Ion:188	Resp: 417562
Ion Ratio	Lower Upper
188 100	
94 9.3	7.0 10.4
80 10.7	7.4 11.2

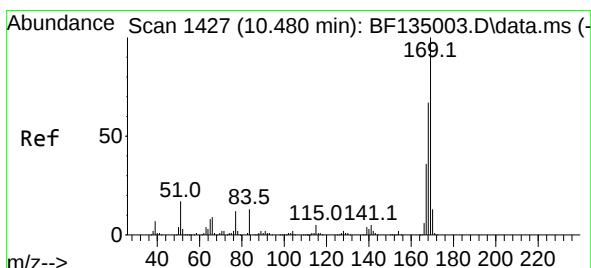
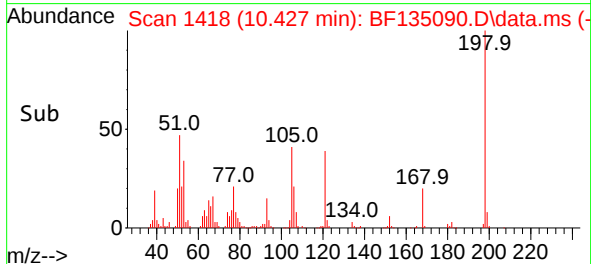
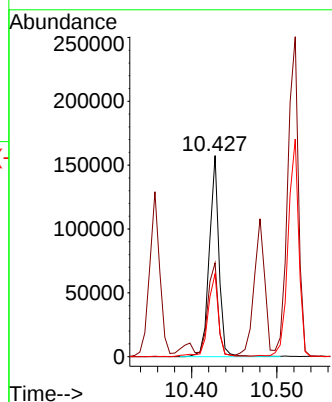
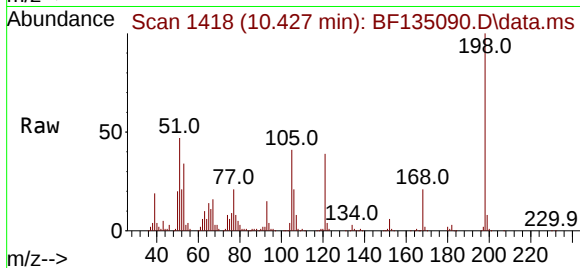




#65
4,6-Dinitro-2-methylphenol
Concen: 48.902 ng
RT: 10.427 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF135090.D
Acq: 05 Sep 2023 11:54

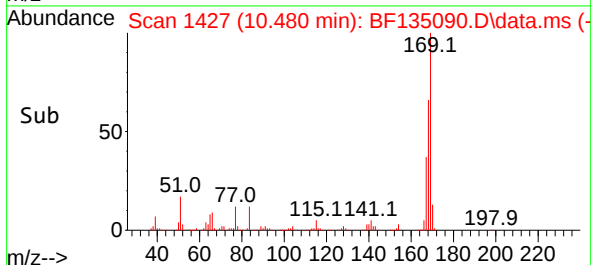
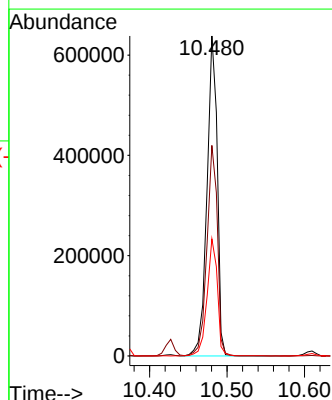
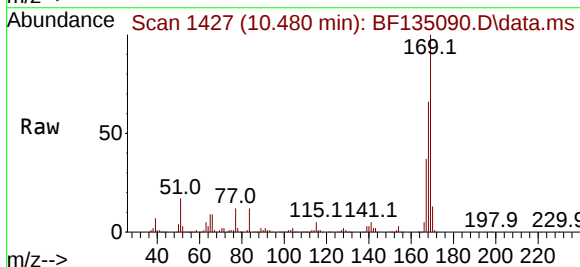
Instrument :
BNA_F
ClientSampleId :
PB155213BS

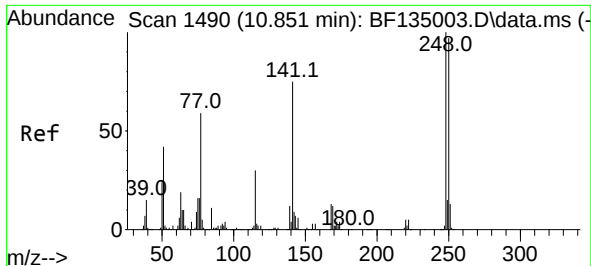
Tgt Ion:198 Resp: 123584
Ion Ratio Lower Upper
198 100
51 46.6 35.7 75.7
105 41.2 25.9 65.9



#66
n-Nitrosodiphenylamine
Concen: 45.186 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF135090.D
Acq: 05 Sep 2023 11:54

Tgt Ion:169 Resp: 586666
Ion Ratio Lower Upper
169 100
168 65.8 53.4 80.0
167 36.6 29.0 43.4

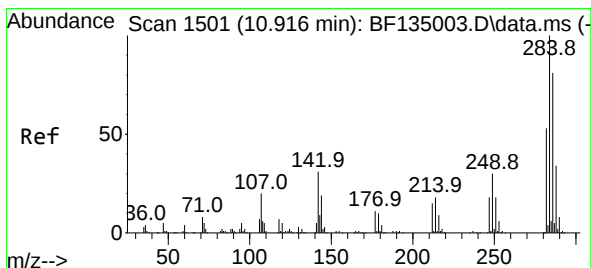
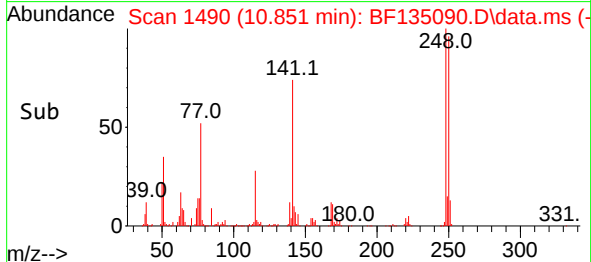
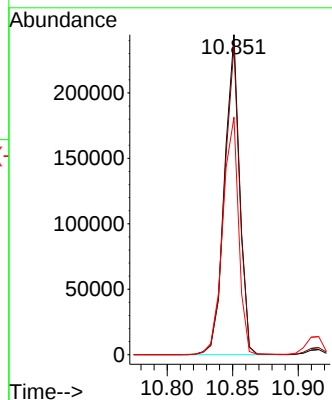
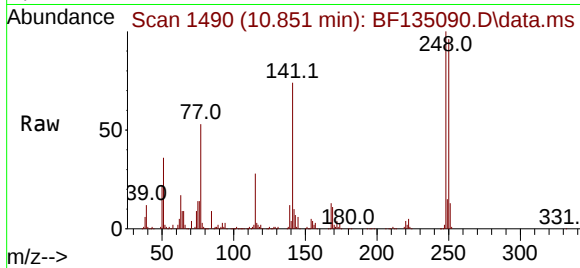




#67
4-Bromophenyl-phenylether
Concen: 44.366 ng
RT: 10.851 min Scan# 1490
Delta R.T. -0.000 min
Lab File: BF135090.D
Acq: 05 Sep 2023 11:54

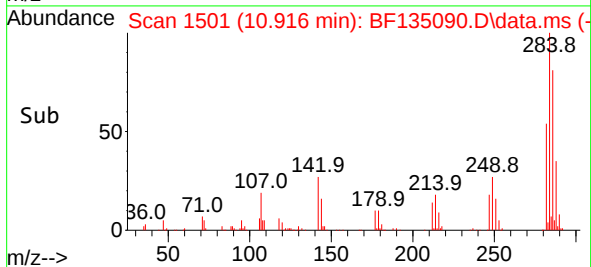
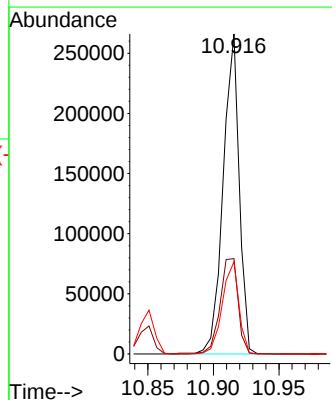
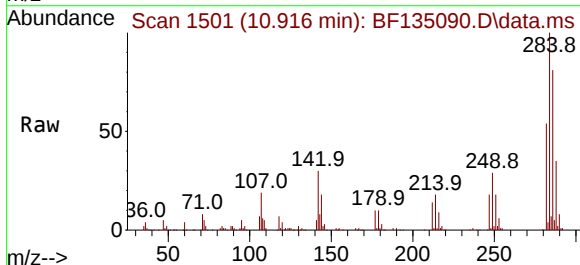
Instrument :
BNA_F
ClientSampleId :
PB155213BS

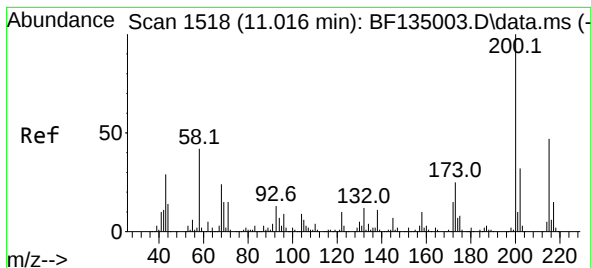
Tgt Ion:248 Resp: 196490
Ion Ratio Lower Upper
248 100
250 96.4 77.9 116.9
141 74.2 59.8 89.8



#68
Hexachlorobenzene
Concen: 49.244 ng
RT: 10.916 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BF135090.D
Acq: 05 Sep 2023 11:54

Tgt Ion:284 Resp: 225517
Ion Ratio Lower Upper
284 100
142 29.8 25.1 37.7
249 28.8 24.1 36.1





#69

Atrazine

Concen: Below Cal

RT: 11.016 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF135090.D

Acq: 05 Sep 2023 11:54

Instrument :

BNA_F

ClientSampleId :

PB155213BS

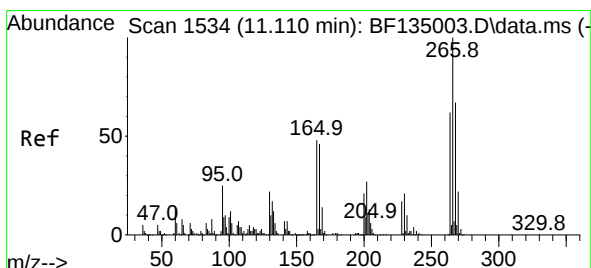
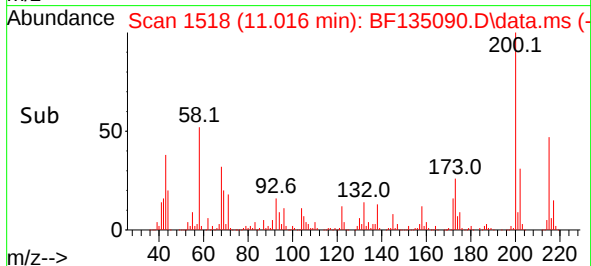
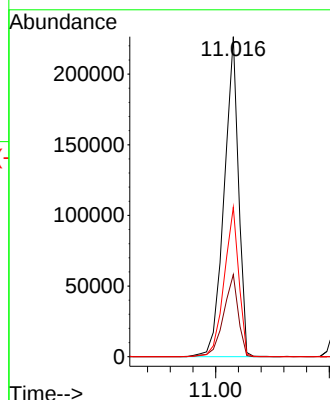
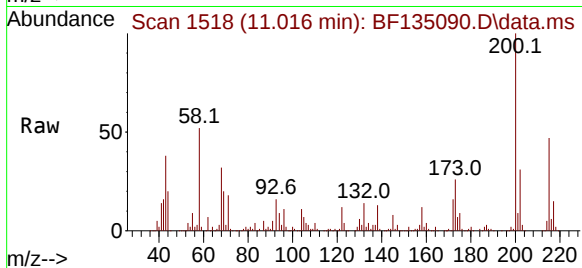
Tgt Ion:200 Resp: 199227

Ion Ratio Lower Upper

200 100

173 25.6 5.0 45.0

215 46.7 26.9 66.9



#70

Pentachlorophenol

Concen: 79.232 ng

RT: 11.116 min Scan# 1535

Delta R.T. 0.006 min

Lab File: BF135090.D

Acq: 05 Sep 2023 11:54

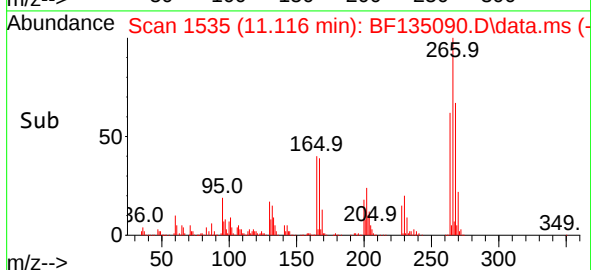
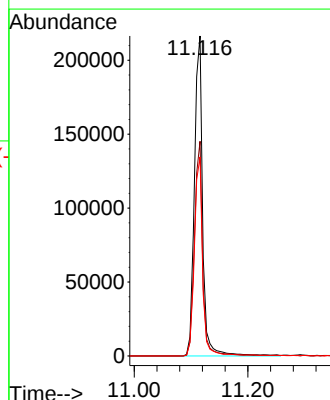
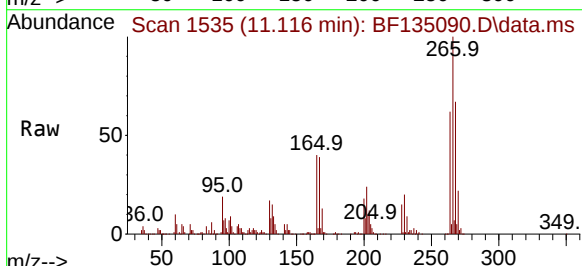
Tgt Ion:266 Resp: 219518

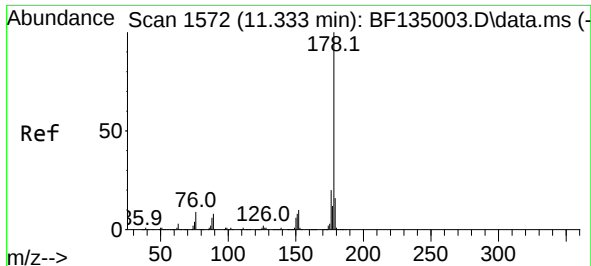
Ion Ratio Lower Upper

266 100

268 67.1 53.3 79.9

264 62.2 49.3 73.9

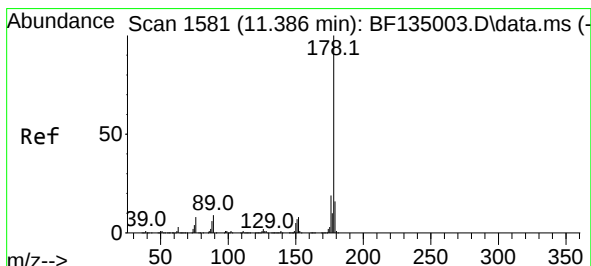
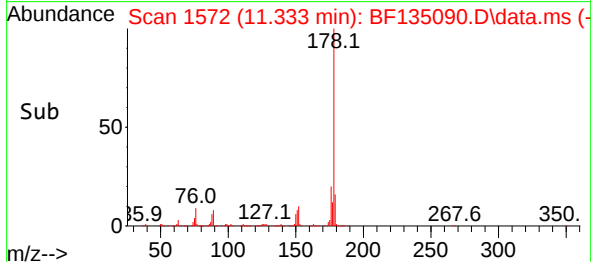
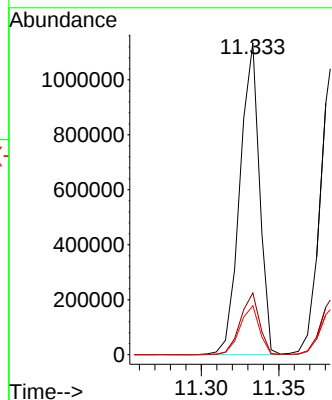
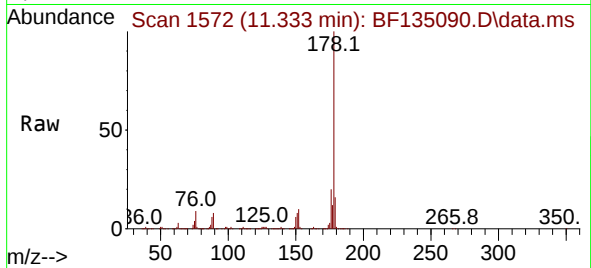




#71
Phenanthrene
Concen: 46.332 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.000 min
Lab File: BF135090.D
Acq: 05 Sep 2023 11:54

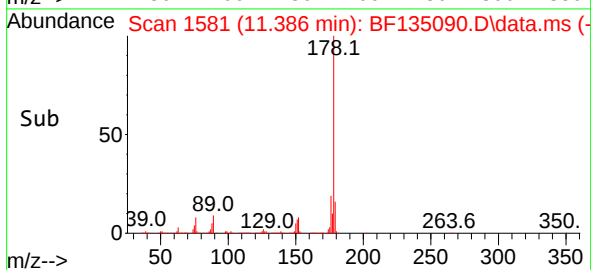
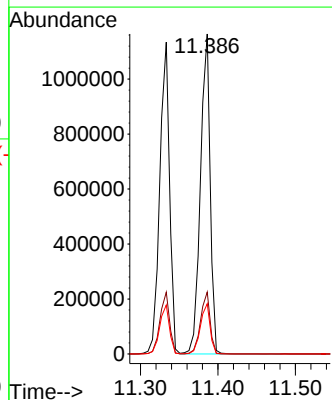
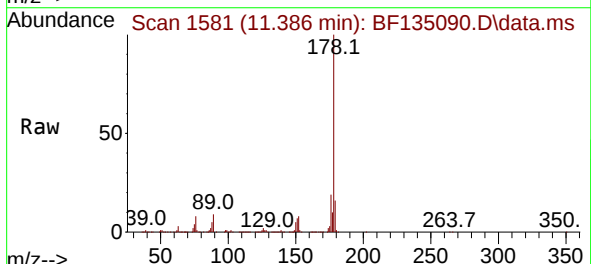
Instrument :
BNA_F
ClientSampleId :
PB155213BS

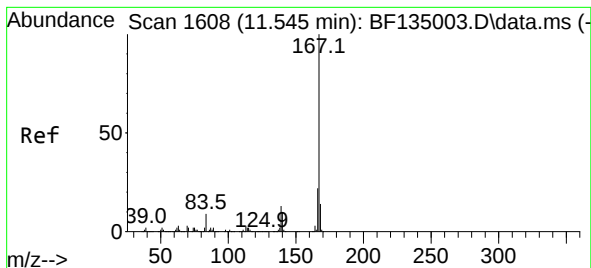
Tgt Ion:178 Resp: 998097
Ion Ratio Lower Upper
178 100
176 19.8 15.9 23.9
179 15.7 12.5 18.7



#72
Anthracene
Concen: 46.152 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF135090.D
Acq: 05 Sep 2023 11:54

Tgt Ion:178 Resp: 1015796
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.7 12.8 19.2





#73

Carbazole

Concen: 48.804 ng

RT: 11.545 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF135090.D

Acq: 05 Sep 2023 11:54

Instrument :

BNA_F

ClientSampleId :

PB155213BS

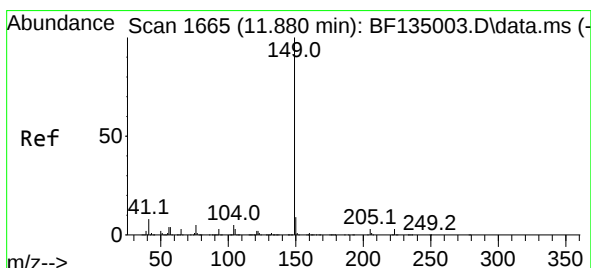
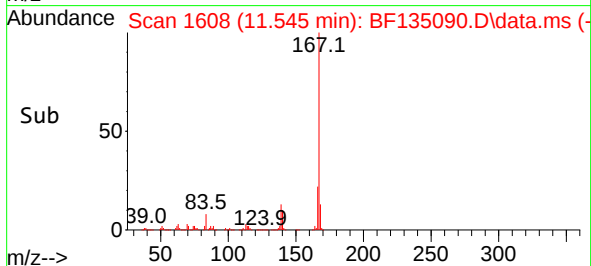
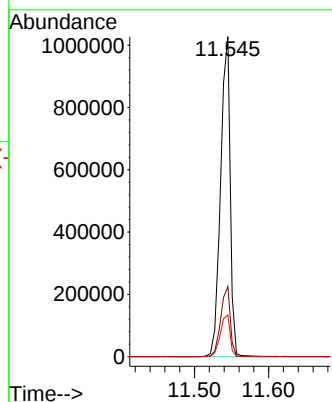
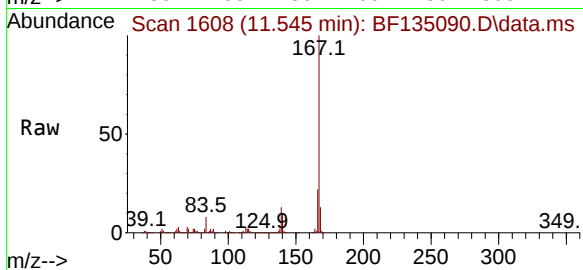
Tgt Ion:167 Resp: 926489

Ion Ratio Lower Upper

167 100

166 21.9 17.4 26.2

139 13.1 10.3 15.5



#74

Di-n-butylphthalate

Concen: 46.652 ng

RT: 11.874 min Scan# 1664

Delta R.T. -0.006 min

Lab File: BF135090.D

Acq: 05 Sep 2023 11:54

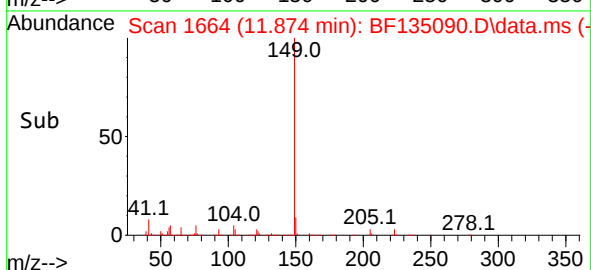
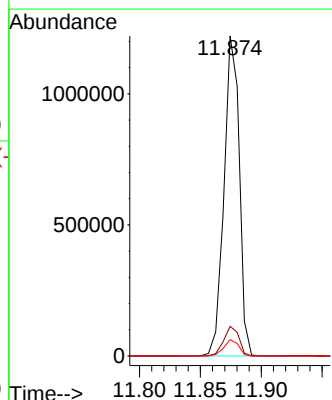
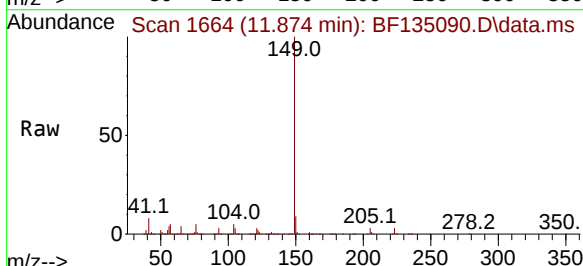
Tgt Ion:149 Resp: 1067593

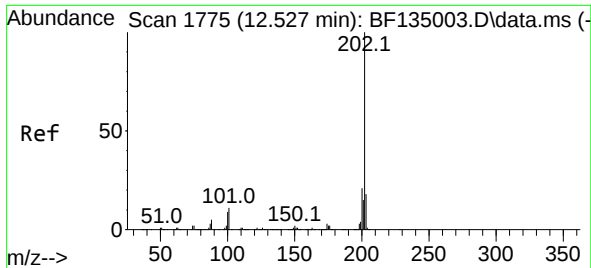
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 5.1 4.0 6.0

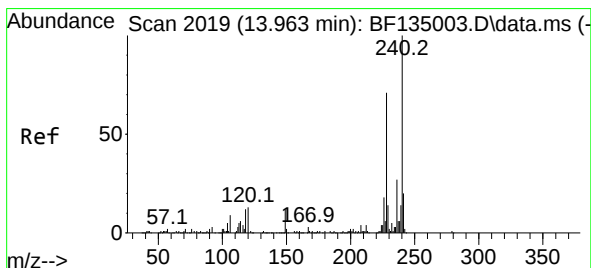
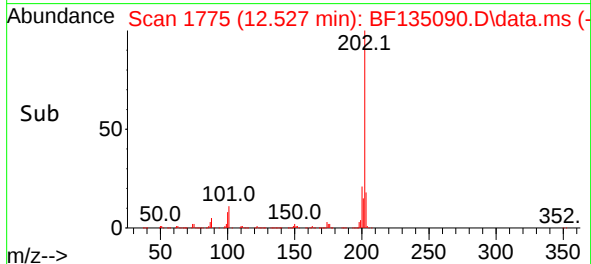
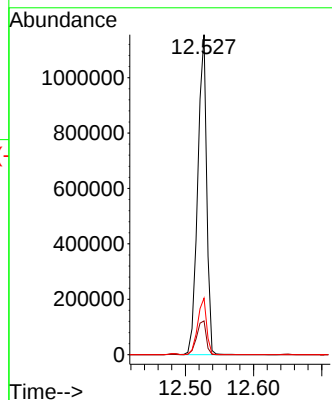
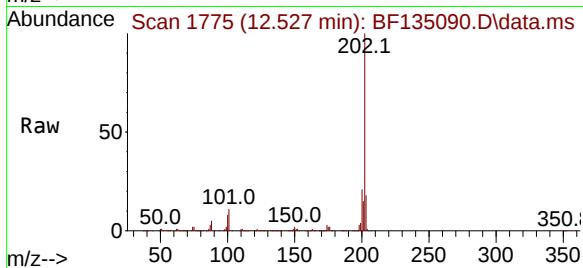




#75
Fluoranthene
Concen: 48.179 ng
RT: 12.527 min Scan# 1775
Delta R.T. -0.000 min
Lab File: BF135090.D
Acq: 05 Sep 2023 11:54

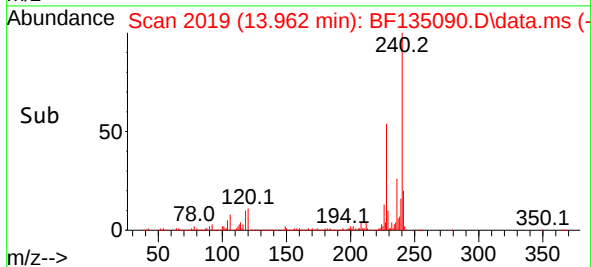
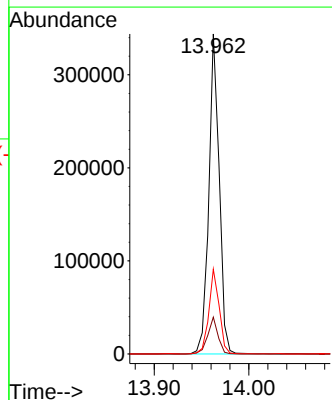
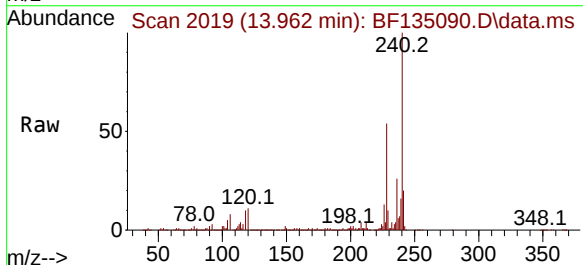
Instrument :
BNA_F
ClientSampleId :
PB155213BS

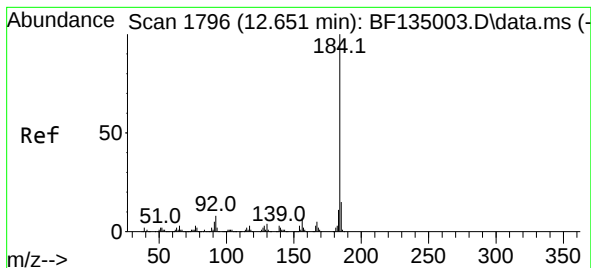
Tgt Ion:202 Resp: 1049360
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.5
203 17.7 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF135090.D
Acq: 05 Sep 2023 11:54

Tgt Ion:240 Resp: 261668
Ion Ratio Lower Upper
240 100
120 11.5 10.2 15.2
236 26.5 21.3 31.9





#77

Benzidine

Concen: 53.438 ng

RT: 12.651 min Scan# 1796

Delta R.T. -0.000 min

Lab File: BF135090.D

Acq: 05 Sep 2023 11:54

Instrument :

BNA_F

ClientSampleId :

PB155213BS

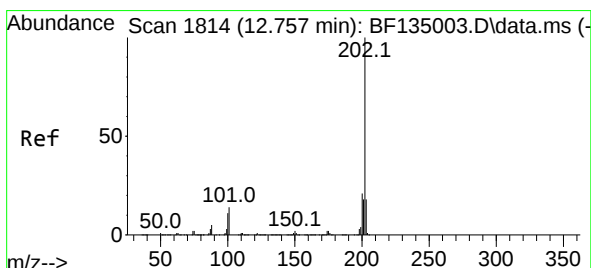
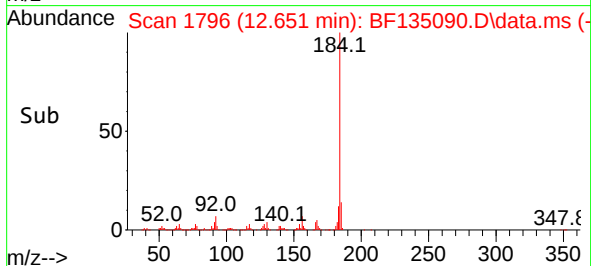
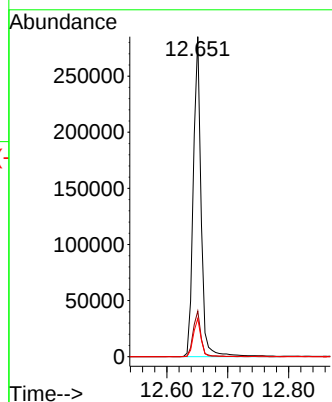
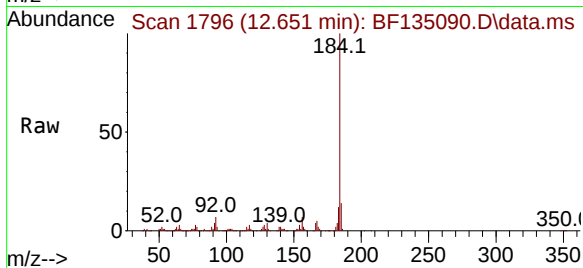
Tgt Ion:184 Resp: 252062

Ion Ratio Lower Upper

184 100

185 14.2 12.0 18.0

183 11.9 9.0 13.6



#78

Pyrene

Concen: 43.670 ng

RT: 12.757 min Scan# 1814

Delta R.T. -0.000 min

Lab File: BF135090.D

Acq: 05 Sep 2023 11:54

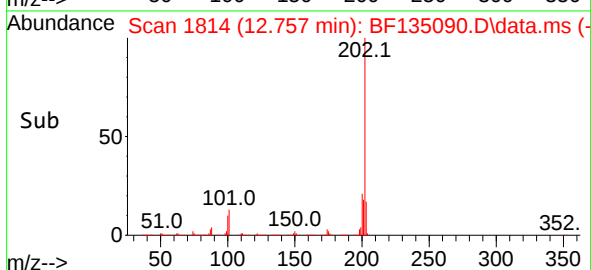
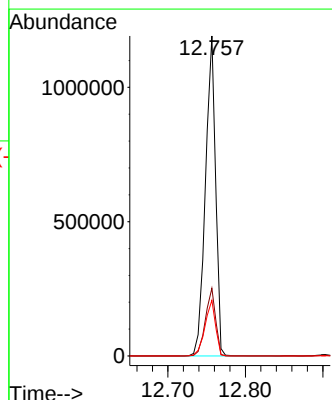
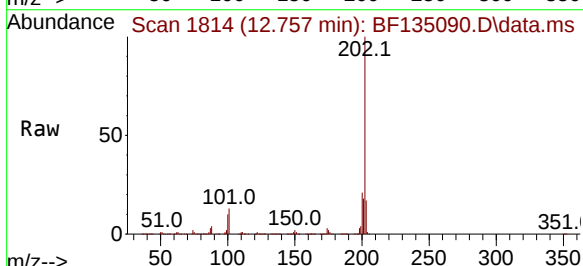
Tgt Ion:202 Resp: 1084948

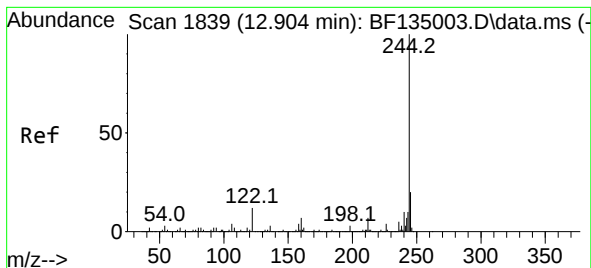
Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.6

203 17.4 14.2 21.2





#79

Terphenyl-d14

Concen: 89.380 ng

RT: 12.904 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF135090.D

Acq: 05 Sep 2023 11:54

Instrument :

BNA_F

ClientSampleId :

PB155213BS

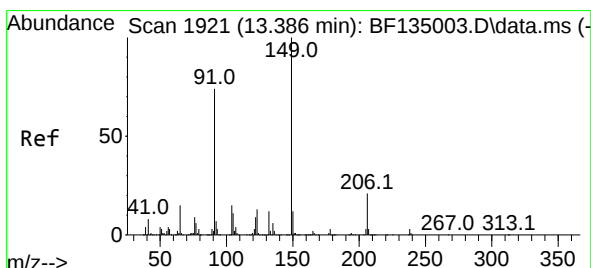
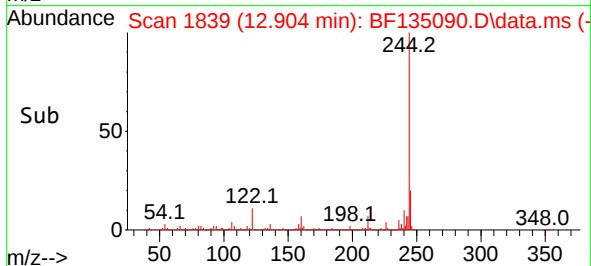
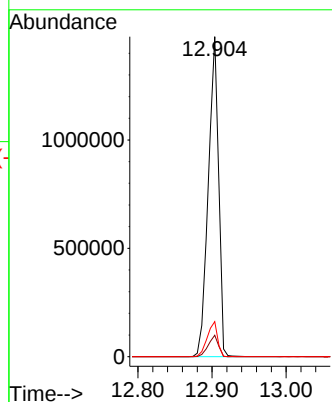
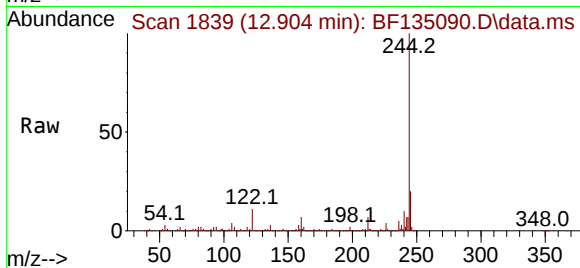
Tgt Ion:244 Resp: 1433170

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 10.9 9.8 14.6



#80

Butylbenzylphthalate

Concen: 48.056 ng

RT: 13.380 min Scan# 1920

Delta R.T. -0.006 min

Lab File: BF135090.D

Acq: 05 Sep 2023 11:54

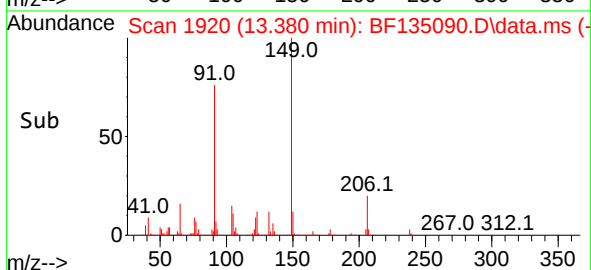
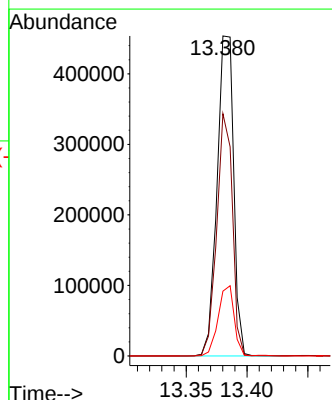
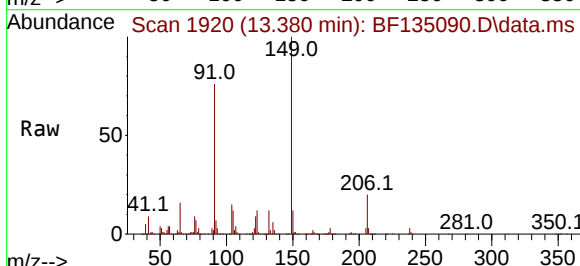
Tgt Ion:149 Resp: 431316

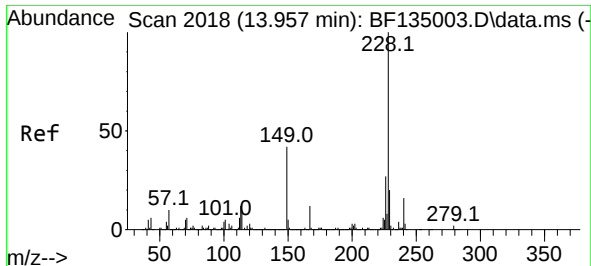
Ion Ratio Lower Upper

149 100

91 75.7 59.0 88.6

206 20.3 16.7 25.1

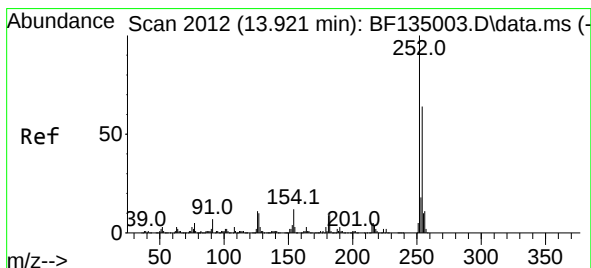
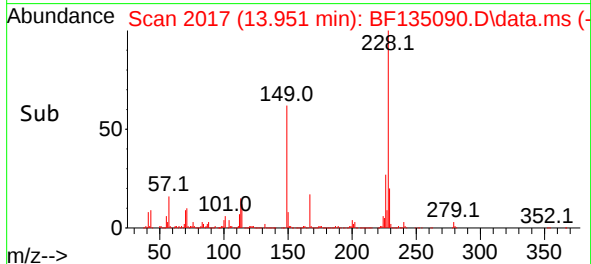
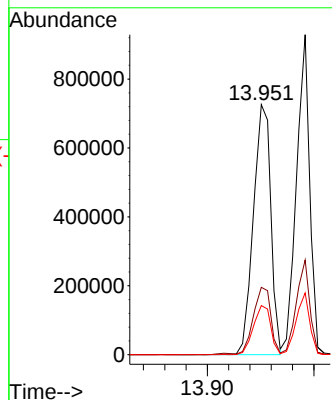
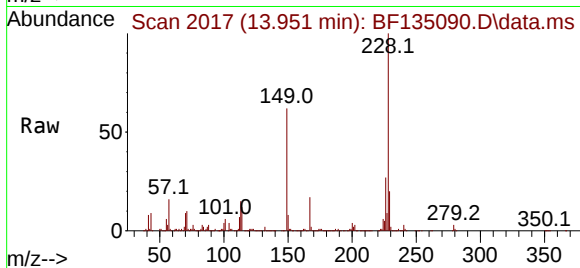




#81
Benzo(a)anthracene
Concen: 46.136 ng
RT: 13.951 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF135090.D
Acq: 05 Sep 2023 11:54

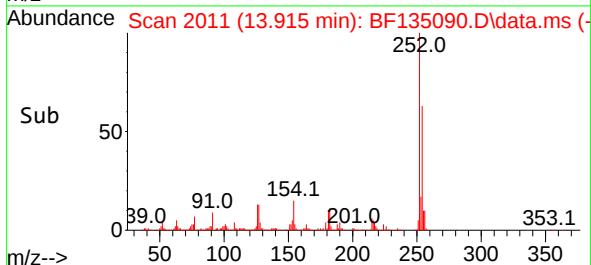
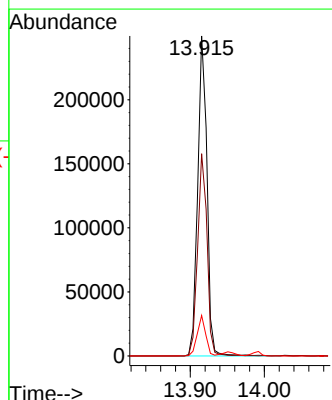
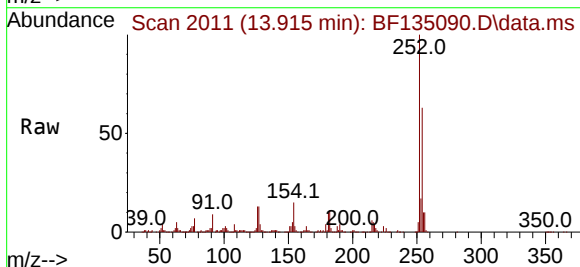
Instrument :
BNA_F
ClientSampleId :
PB155213BS

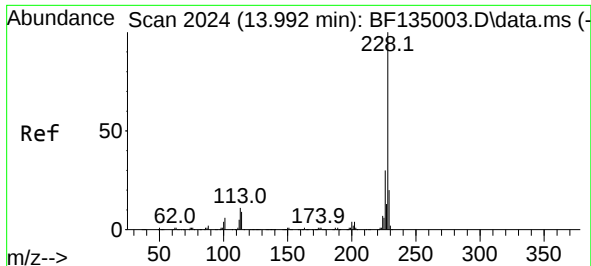
Tgt Ion:228 Resp: 823489
Ion Ratio Lower Upper
228 100
226 26.9 21.6 32.4
229 19.6 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 40.213 ng
RT: 13.915 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF135090.D
Acq: 05 Sep 2023 11:54

Tgt Ion:252 Resp: 216591
Ion Ratio Lower Upper
252 100
254 63.2 51.3 76.9
126 12.6 8.6 12.8

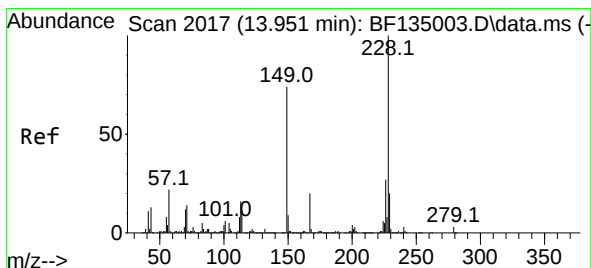
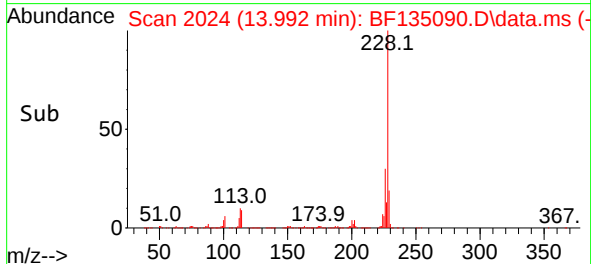
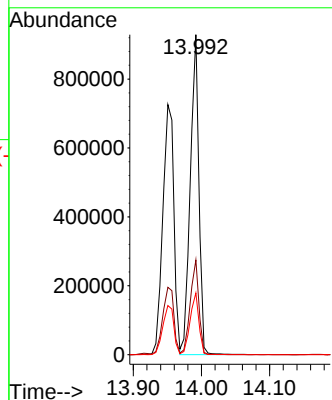
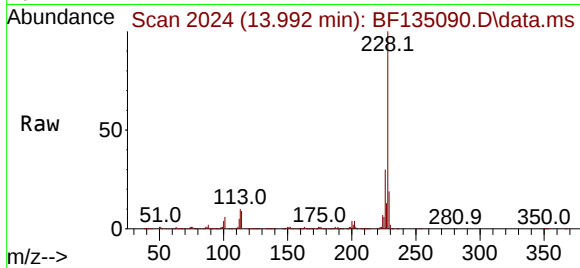




#83
Chrysene
Concen: 46.165 ng
RT: 13.992 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF135090.D
Acq: 05 Sep 2023 11:54

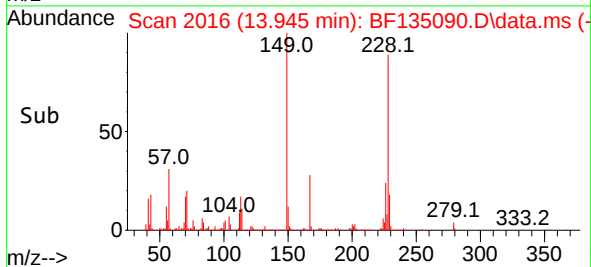
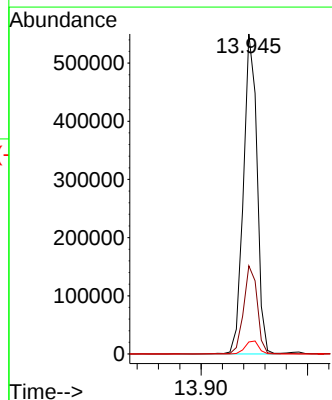
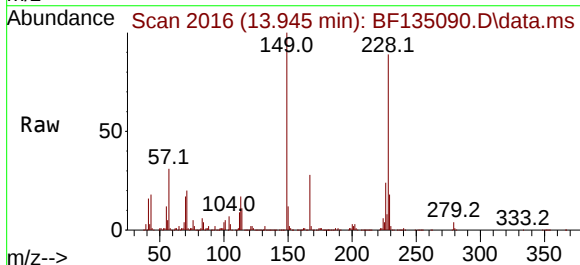
Instrument :
BNA_F
ClientSampleId :
PB155213BS

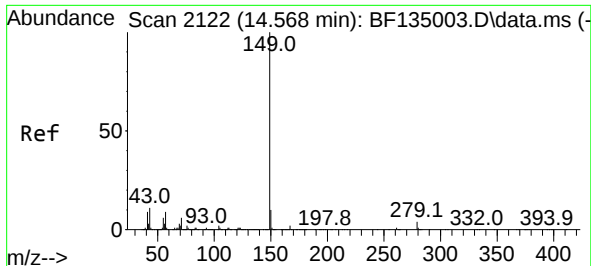
Tgt Ion:228 Resp: 809805
Ion Ratio Lower Upper
228 100
226 29.6 24.2 36.4
229 19.3 15.9 23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 52.636 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF135090.D
Acq: 05 Sep 2023 11:54

Tgt Ion:149 Resp: 488903
Ion Ratio Lower Upper
149 100
167 27.6 21.4 32.0
279 3.7 3.0 4.6

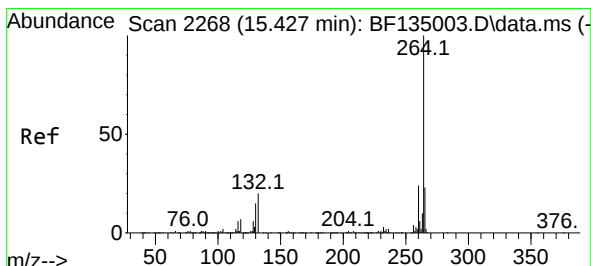
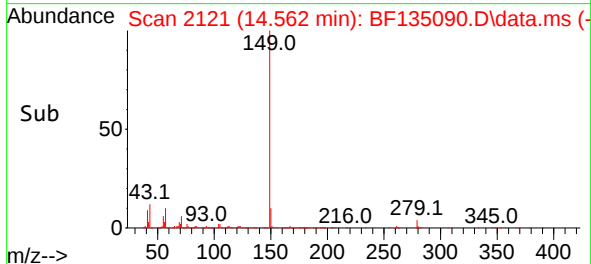
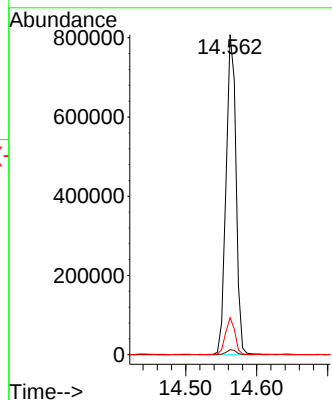
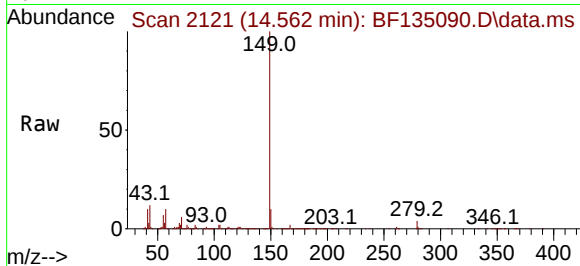




#85
Di-n-octyl phthalate
Concen: 55.026 ng
RT: 14.562 min Scan# 2122
Delta R.T. -0.006 min
Lab File: BF135090.D
Acq: 05 Sep 2023 11:54

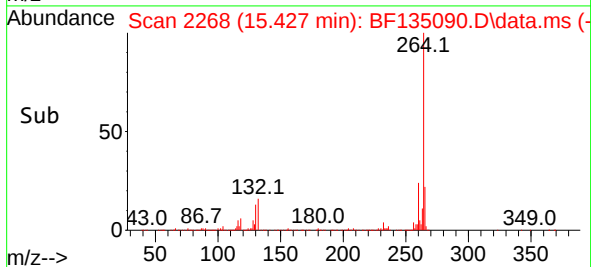
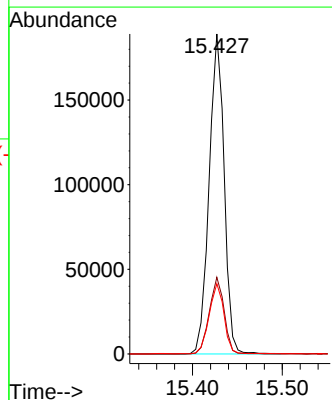
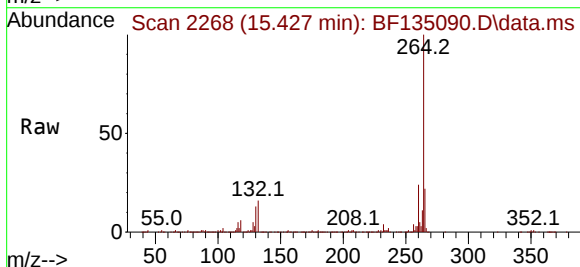
Instrument :
BNA_F
ClientSampleId :
PB155213BS

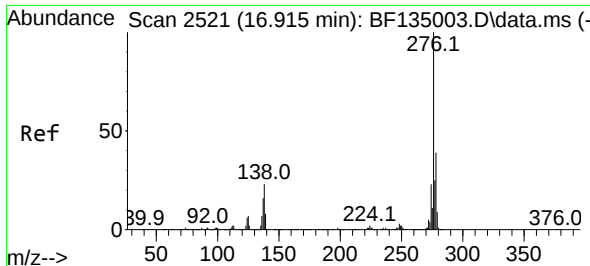
Tgt Ion:149 Resp: 780117
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.0 9.3 13.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 2268
Delta R.T. -0.000 min
Lab File: BF135090.D
Acq: 05 Sep 2023 11:54

Tgt Ion:264 Resp: 219630
Ion Ratio Lower Upper
264 100
260 24.0 19.0 28.6
265 21.9 18.2 27.2

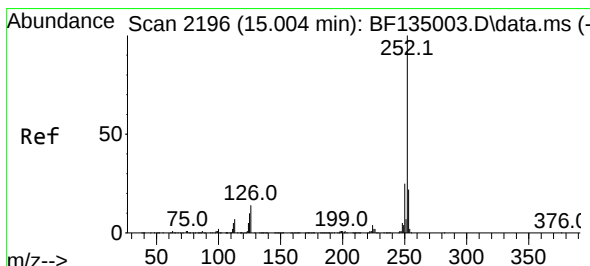
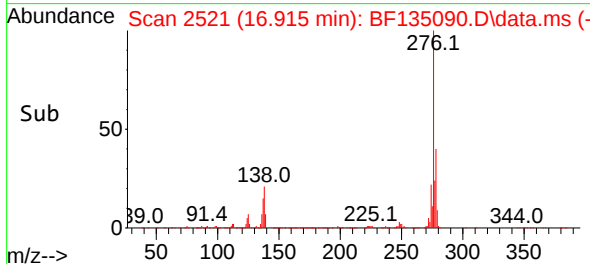
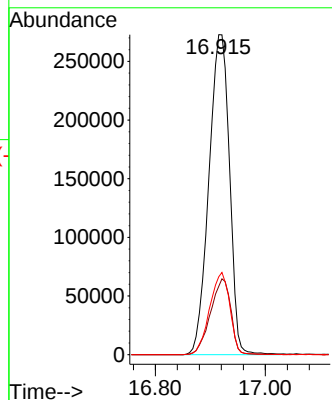
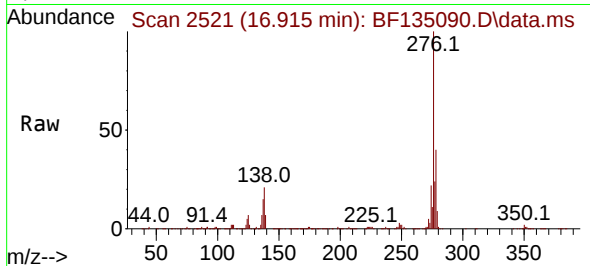




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.972 ng
 RT: 16.915 min Scan# 2196
 Delta R.T. -0.000 min
 Lab File: BF135090.D
 Acq: 05 Sep 2023 11:54

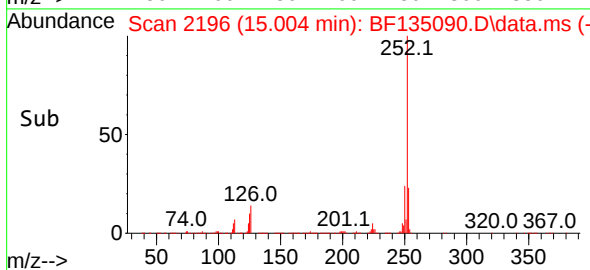
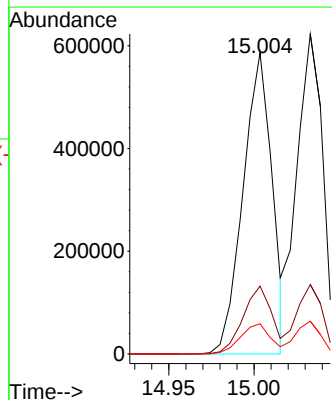
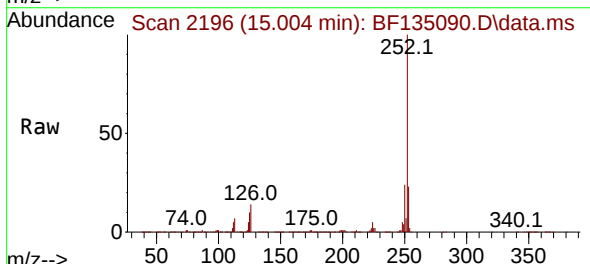
Instrument :
 BNA_F
 ClientSampleId :
 PB155213BS

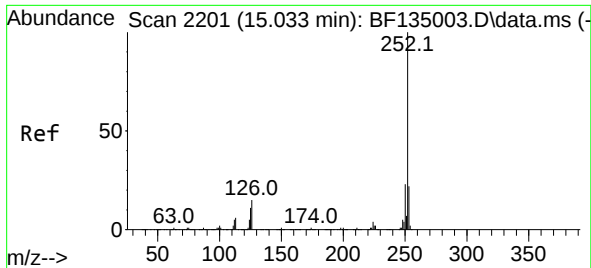
Tgt Ion:276 Resp: 709677
 Ion Ratio Lower Upper
 276 100
 138 23.4 20.2 30.2
 277 25.3 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 50.829 ng
 RT: 15.004 min Scan# 2196
 Delta R.T. -0.000 min
 Lab File: BF135090.D
 Acq: 05 Sep 2023 11:54

Tgt Ion:252 Resp: 694620
 Ion Ratio Lower Upper
 252 100
 253 22.6 17.8 26.8
 125 10.0 8.4 12.6

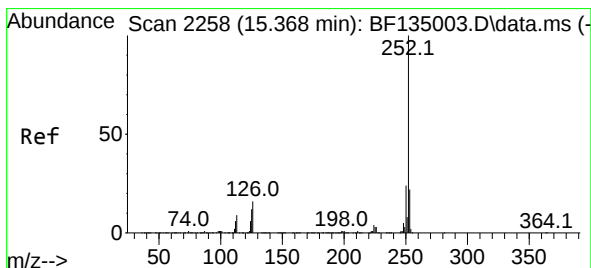
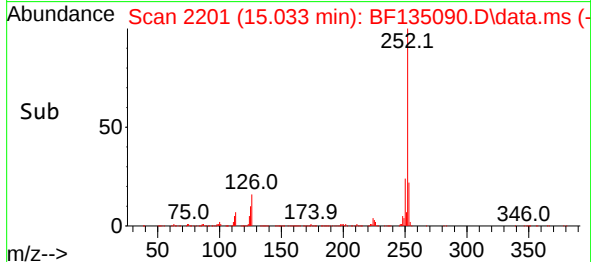
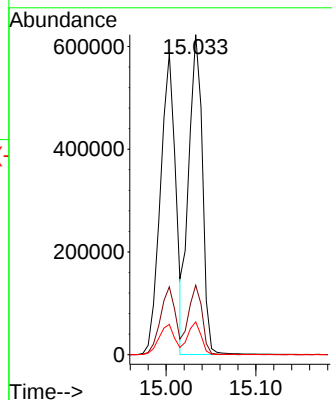
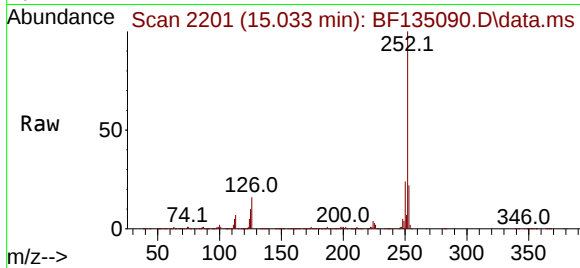




#89
Benzo(k)fluoranthene
Concen: 50.215 ng
RT: 15.033 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF135090.D
Acq: 05 Sep 2023 11:54

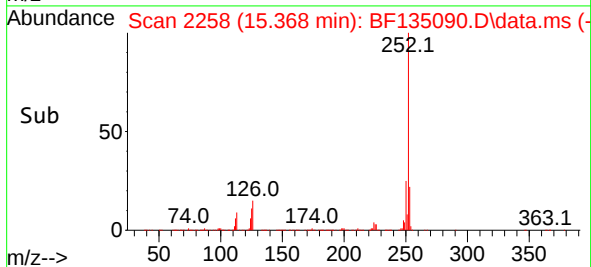
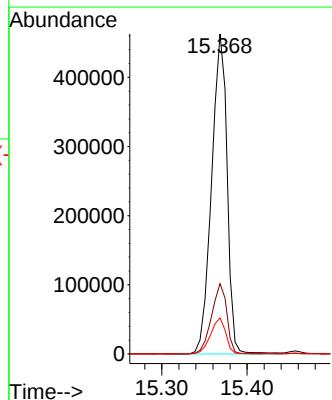
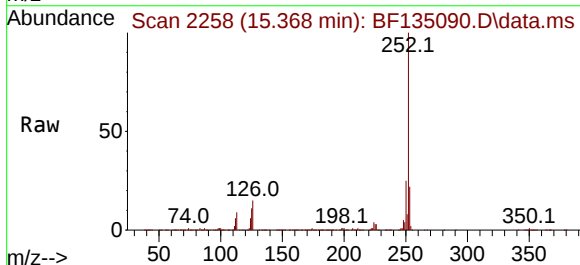
Instrument :
BNA_F
ClientSampleId :
PB155213BS

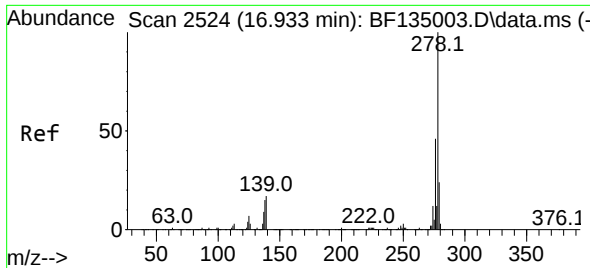
Tgt Ion:252 Resp: 662948
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 10.3 8.5 12.7



#90
Benzo(a)pyrene
Concen: 46.113 ng
RT: 15.368 min Scan# 2258
Delta R.T. -0.000 min
Lab File: BF135090.D
Acq: 05 Sep 2023 11:54

Tgt Ion:252 Resp: 585401
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 11.2 9.5 14.3



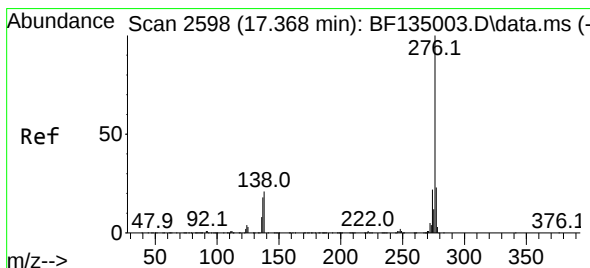
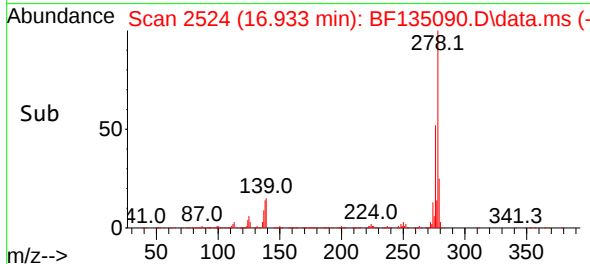
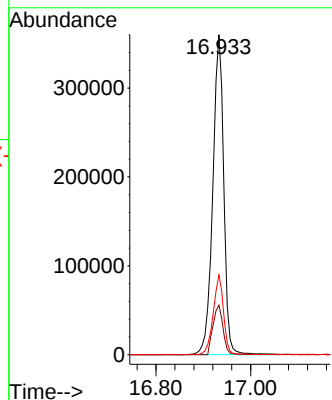
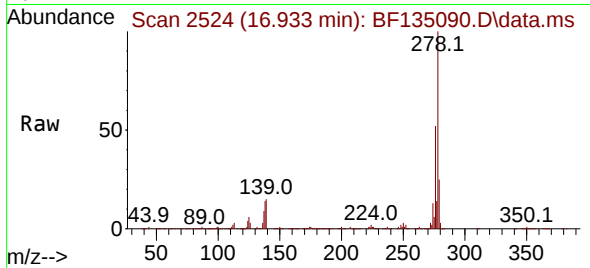


#91
Dibenzo(a,h)anthracene
Concen: 48.310 ng
RT: 16.933 min Scan# 2524
Delta R.T. -0.000 min
Lab File: BF135090.D
Acq: 05 Sep 2023 11:54

Instrument :
BNA_F
ClientSampleId :
PB155213BS

Tgt Ion:278 Resp: 578830

Ion	Ratio	Lower	Upper
278	100		
139	15.4	13.4	20.2
279	24.9	19.5	29.3



#92
Benzo(g,h,i)perylene
Concen: 46.298 ng
RT: 17.368 min Scan# 2598
Delta R.T. -0.000 min
Lab File: BF135090.D
Acq: 05 Sep 2023 11:54

Tgt Ion:276 Resp: 576948

Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.5	27.7
138	19.9	17.1	25.7

