

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
 Data File : BF135041.D
 Acq On : 31 Aug 2023 14:51
 Operator : CG\JU
 Sample : PB155118BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155118BSD

Quant Time: Aug 31 16:10:57 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	119885	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	502608	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	263579	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	490053	20.000	ng	0.00
76) Chrysene-d12	13.963	240	284764	20.000	ng	0.00
86) Perylene-d12	15.427	264	238130	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	987968	127.291	ng	0.02
7) Phenol-d6	6.422	99	1213616	125.449	ng	0.00
23) Nitrobenzene-d5	7.340	82	787513	88.027	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	341313	122.071	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	1347081	83.208	ng	0.00
79) Terphenyl-d14	12.904	244	1529984	87.679	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.575	88	120126	36.538	ng	98
3) Pyridine	3.328	79	322344	36.368	ng	99
4) n-Nitrosodimethylamine	3.287	42	206151	47.560	ng	97
6) Aniline	6.440	93	480245	40.044	ng	# 88
8) 2-Chlorophenol	6.563	128	392322	49.755	ng	98
9) Benzaldehyde	6.328	77	242319	49.158	ng	100
10) Phenol	6.434	94	473198	46.592	ng	88
11) bis(2-Chloroethyl)ether	6.516	93	361950	47.327	ng	99
12) 1,3-Dichlorobenzene	6.716	146	391610	48.205	ng	100
13) 1,4-Dichlorobenzene	6.793	146	399598	49.146	ng	99
14) 1,2-Dichlorobenzene	6.940	146	384585	50.687	ng	98
15) Benzyl Alcohol	6.922	79	336063	50.704	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.051	45	605130	47.249	ng	100
17) 2-Methylphenol	7.034	107	308961	44.965	ng	97
18) Hexachloroethane	7.281	117	150521	49.975	ng	96
19) n-Nitroso-di-n-propyla...	7.193	70	258382	44.964	ng	95
20) 3+4-Methylphenols	7.187	107	366033	45.155	ng	98
22) Acetophenone	7.187	105	511531	45.756	ng	# 99
24) Nitrobenzene	7.357	77	410617	44.744	ng	96
25) Isophorone	7.598	82	743450	43.830	ng	100
26) 2-Nitrophenol	7.675	139	213630	47.117	ng	99
27) 2,4-Dimethylphenol	7.716	122	341402	46.769	ng	99
28) bis(2-Chloroethoxy)met...	7.810	93	444404	43.433	ng	99
29) 2,4-Dichlorophenol	7.916	162	316644	45.641	ng	98
30) 1,2,4-Trichlorobenzene	7.998	180	345561	46.092	ng	100
31) Naphthalene	8.075	128	1108904	45.165	ng	99
32) Benzoic acid	7.851	122	273120	46.773	ng	100
33) 4-Chloroaniline	8.128	127	381629	35.537	ng	97
34) Hexachlorobutadiene	8.192	225	194047	45.607	ng	99
35) Caprolactam	8.504	113	53726	23.651	ng	90
36) 4-Chloro-3-methylphenol	8.616	107	354984	47.109	ng	95
37) 2-Methylnaphthalene	8.769	142	715656	43.686	ng	100
38) 1-Methylnaphthalene	8.869	142	671087	43.781	ng	99
40) 1,2,4,5-Tetrachloroben...	8.934	216	322011	43.641	ng	99
41) Hexachlorocyclopentadiene	8.922	237	334918	106.645	ng	98
43) 2,4,6-Trichlorophenol	9.051	196	226979	45.805	ng	99

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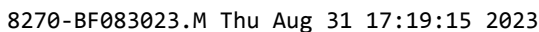
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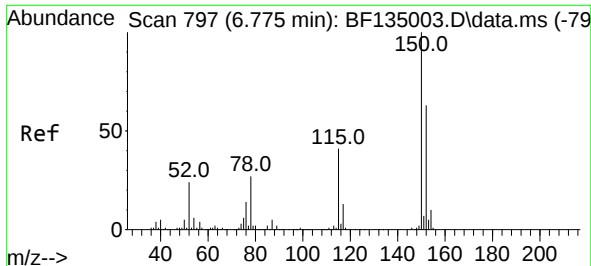
Quant Time: Aug 31 16:10:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.092	196	246177	42.911	ng	96
46) 1,1'-Biphenyl	9.234	154	881967	43.796	ng	99
47) 2-Chloronaphthalene	9.263	162	690802	45.617	ng	99
48) 2-Nitroaniline	9.363	65	234838	45.301	ng	96
49) Acenaphthylene	9.675	152	1013242	44.262	ng	100
50) Dimethylphthalate	9.545	163	817133	44.274	ng	100
51) 2,6-Dinitrotoluene	9.610	165	186039	45.939	ng	# 82
52) Acenaphthene	9.851	154	649528	44.524	ng	99
53) 3-Nitroaniline	9.775	138	181497	38.473	ng	99
54) 2,4-Dinitrophenol	9.892	184	220862	114.112	ng	# 81
55) Dibenzofuran	10.022	168	913955	43.430	ng	98
56) 4-Nitrophenol	9.951	139	322980	97.399	ng	96
57) 2,4-Dinitrotoluene	10.016	165	233917	46.349	ng	98
58) Fluorene	10.369	166	707039	44.070	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.139	232	207802	47.039	ng	98
60) Diethylphthalate	10.245	149	768412	44.229	ng	99
61) 4-Chlorophenyl-phenyle...	10.357	204	343548	43.291	ng	99
62) 4-Nitroaniline	10.398	138	203189	44.019	ng	99
63) Azobenzene	10.522	77	759504	43.417	ng	99
65) 4,6-Dinitro-2-methylph...	10.428	198	145001	48.889	ng	88
66) n-Nitrosodiphenylamine	10.481	169	657239	43.133	ng	100
67) 4-Bromophenyl-phenylether	10.851	248	223864	43.069	ng	99
68) Hexachlorobenzene	10.916	284	247247	46.003	ng	100
69) Atrazine	11.016	200	224343	Below Cal		98
70) Pentachlorophenol	11.116	266	267943	82.404	ng	98
71) Phenanthrene	11.333	178	1117019	44.182	ng	100
72) Anthracene	11.386	178	1134930	43.937	ng	99
73) Carbazole	11.545	167	1013319	45.482	ng	100
74) Di-n-butylphthalate	11.880	149	1169284	43.537	ng	100
75) Fluoranthene	12.527	202	1151968	45.067	ng	100
77) Benzidine	12.657	184	582287	113.434	ng	98
78) Pyrene	12.757	202	1175711	43.485	ng	100
80) Butylbenzylphthalate	13.386	149	461046	47.203	ng	98
81) Benzo(a)anthracene	13.951	228	846694	43.588	ng	100
82) 3,3'-Dichlorobenzidine	13.922	252	288704	49.255	ng	99
83) Chrysene	13.992	228	831249	43.544	ng	100
84) Bis(2-ethylhexyl)phtha...	13.951	149	518844	51.329	ng	98
85) Di-n-octyl phthalate	14.569	149	795254	51.544	ng	99
87) Indeno(1,2,3-cd)pyrene	16.915	276	744158	46.395	ng	99
88) Benzo(b)fluoranthene	15.004	252	698135	47.118	ng	99
89) Benzo(k)fluoranthene	15.033	252	696266	48.641	ng	99
90) Benzo(a)pyrene	15.368	252	606417	44.057	ng	99
91) Dibenzo(a,h)anthracene	16.939	278	605595	46.617	ng	97
92) Benzo(g,h,i)perylene	17.368	276	623436	46.142	ng	99

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

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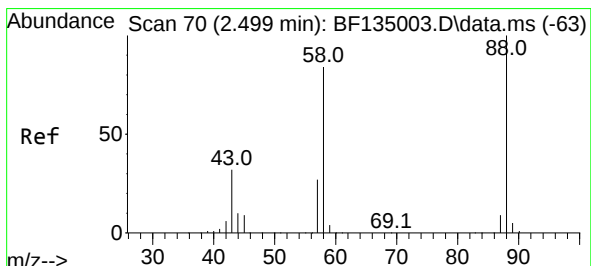
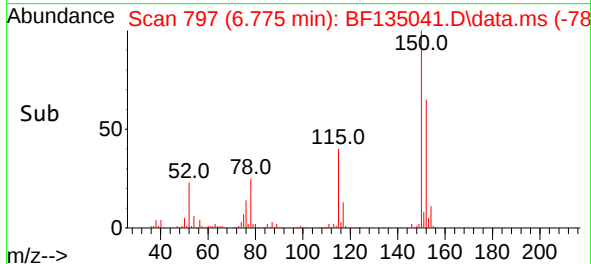
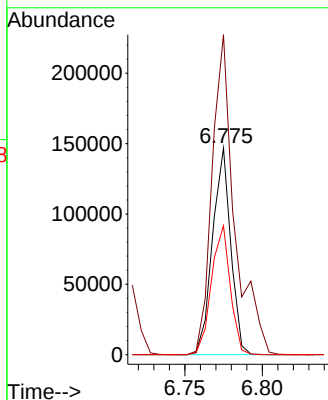
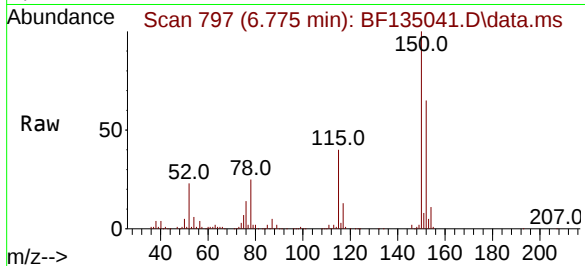




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.775 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF135041.D
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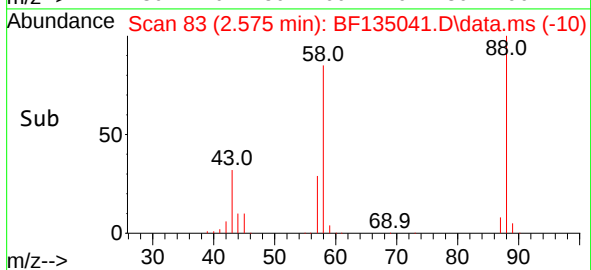
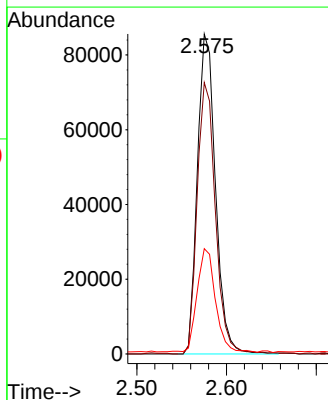
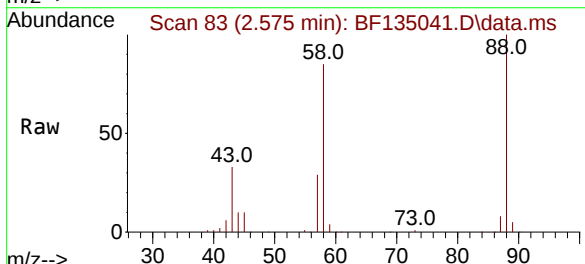
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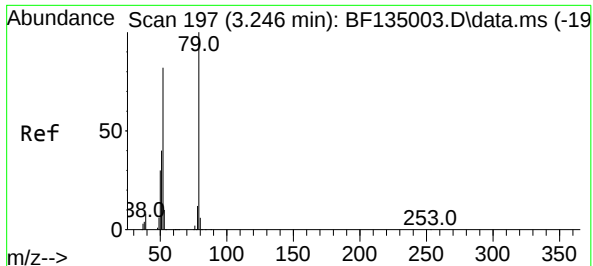
Tgt Ion:152 Resp: 119885
 Ion Ratio Lower Upper
 152 100
 150 154.8 126.2 189.4
 115 62.4 51.2 76.8



#2
 1,4-Dioxane
 Concen: 36.538 ng
 RT: 2.575 min Scan# 83
 Delta R.T. 0.077 min
 Lab File: BF135041.D
 Acq: 31 Aug 2023 14:51

Tgt Ion: 88 Resp: 120126
 Ion Ratio Lower Upper
 88 100
 58 85.6 67.1 100.7
 43 32.9 25.9 38.9

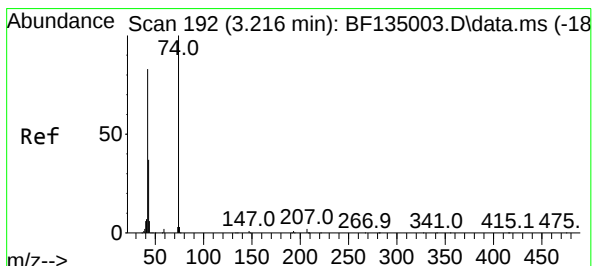
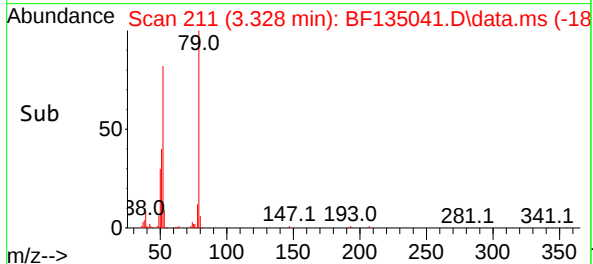
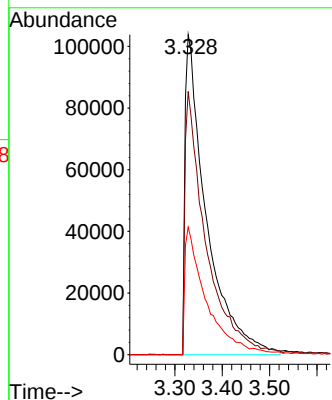
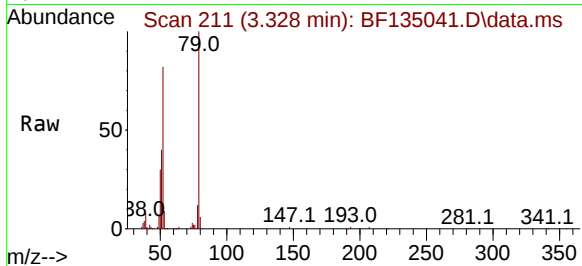




#3
 Pyridine
 Concen: 36.368 ng
 RT: 3.328 min Scan# 211
 Delta R.T. 0.082 min
 Lab File: BF135041.D
 Acq: 31 Aug 2023 14:51

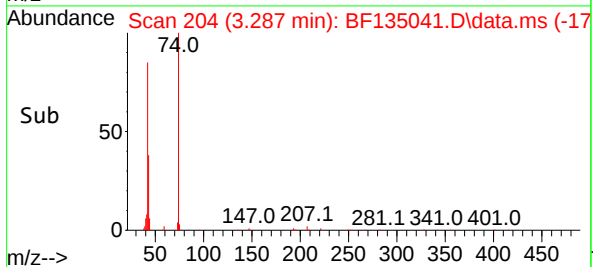
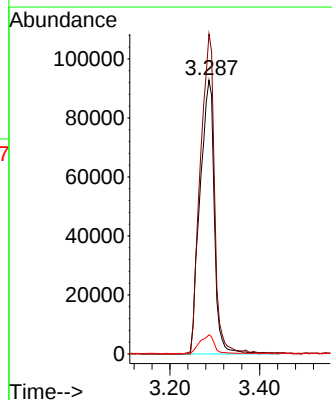
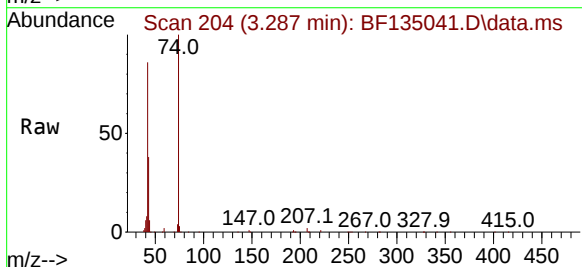
Instrument :
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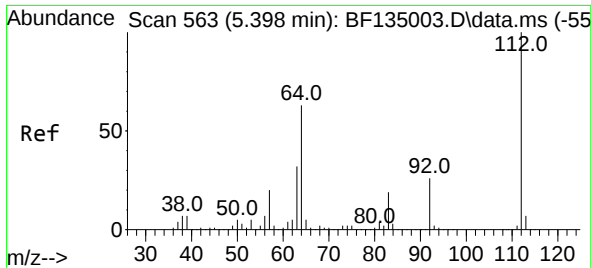
Tgt Ion: 79 Resp: 322344
 Ion Ratio Lower Upper
 79 100
 52 82.3 65.4 98.2
 51 39.8 32.6 49.0



#4
 n-Nitrosodimethylamine
 Concen: 47.560 ng
 RT: 3.287 min Scan# 204
 Delta R.T. 0.071 min
 Lab File: BF135041.D
 Acq: 31 Aug 2023 14:51

Tgt Ion: 42 Resp: 206151
 Ion Ratio Lower Upper
 42 100
 74 116.9 96.2 144.2
 44 7.0 5.8 8.6

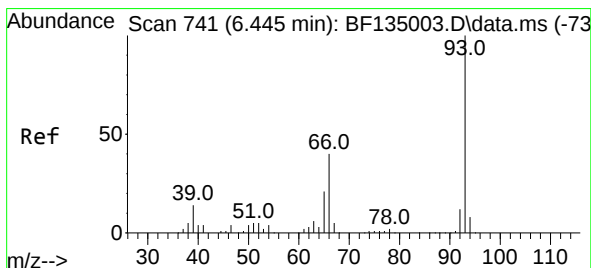
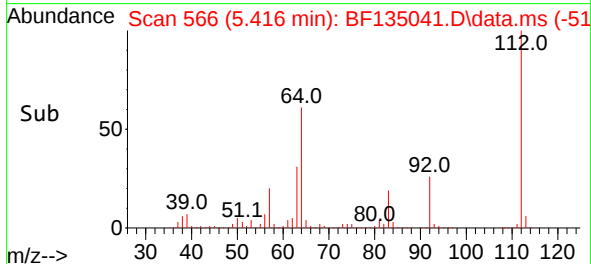
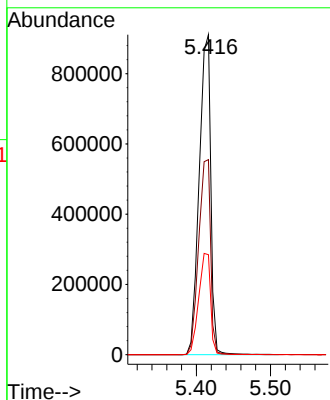
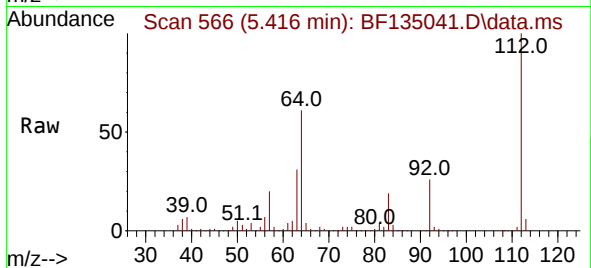




#5
2-Fluorophenol
Concen: 127.291 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

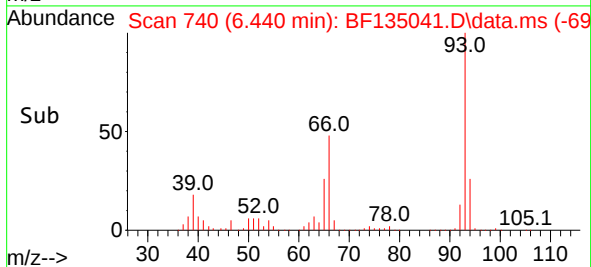
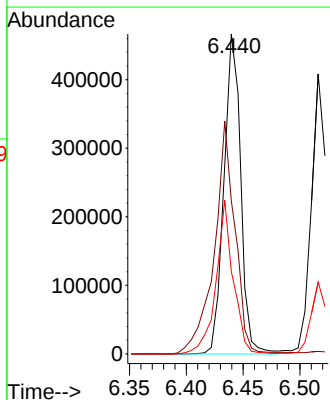
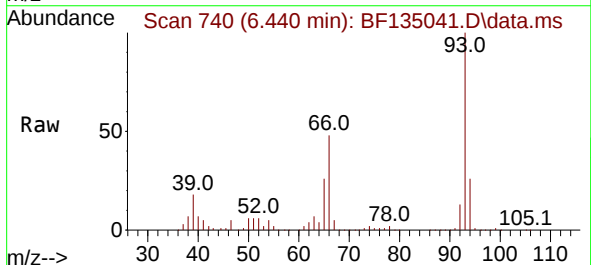
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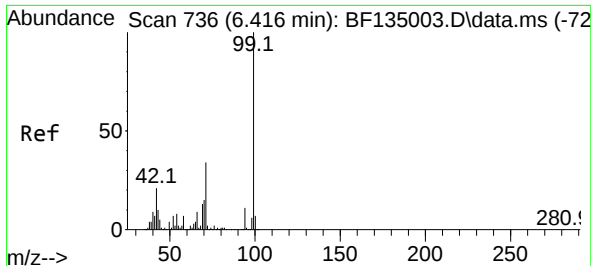
Tgt Ion:112 Resp: 987968
Ion Ratio Lower Upper
112 100
64 61.0 50.5 75.7
63 31.2 25.9 38.9



#6
Aniline
Concen: 40.044 ng
RT: 6.440 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

Tgt Ion: 93 Resp: 480245
Ion Ratio Lower Upper
93 100
66 47.9 32.4 48.6
65 25.8 16.6 24.8#





#7
Phenol-d6
Concen: 125.449 ng
RT: 6.422 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

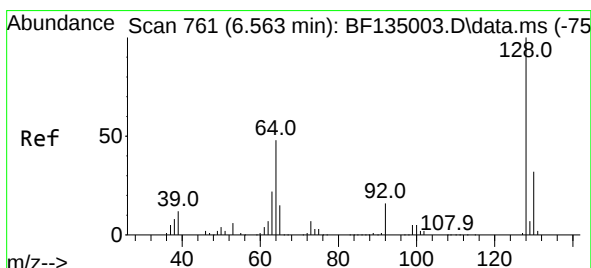
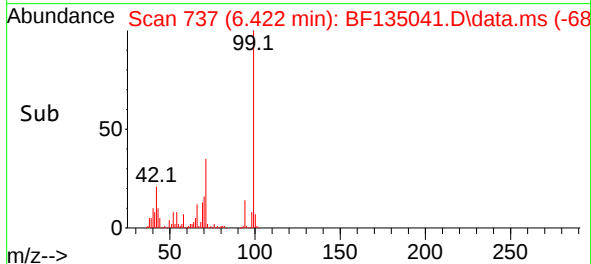
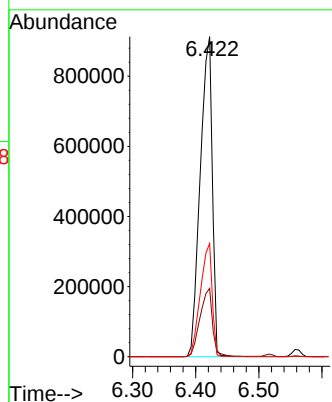
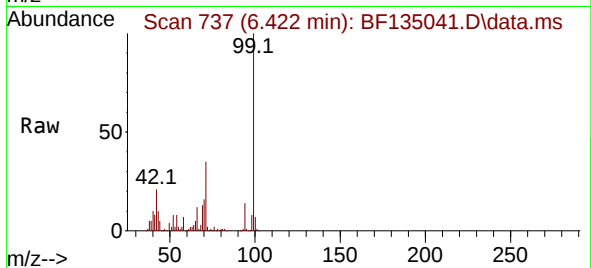
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ClientSampleId :

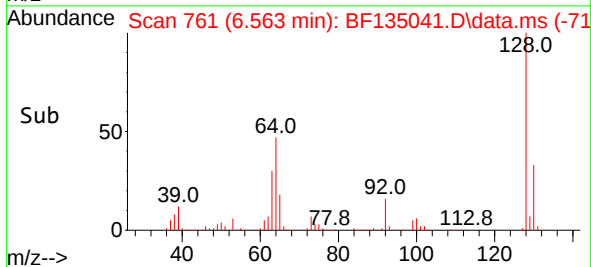
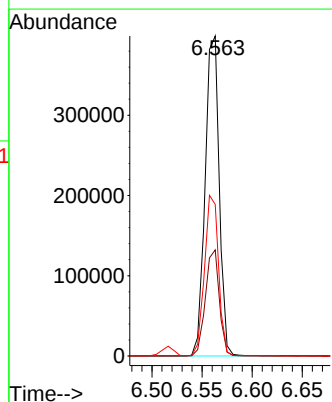
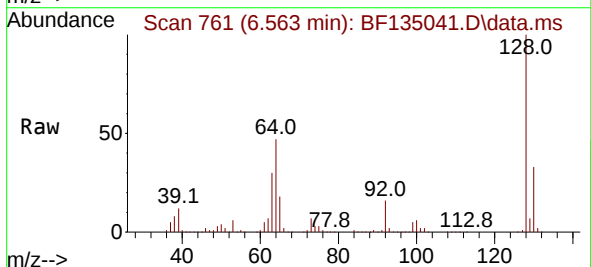
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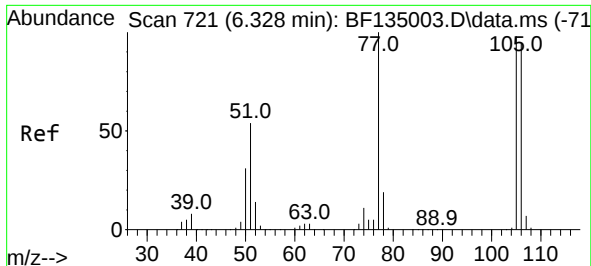
Tgt Ion: 99 Resp: 1213616
Ion Ratio Lower Upper
99 100
42 21.4 16.6 25.0
71 35.3 27.0 40.6



#8
2-Chlorophenol
Concen: 49.755 ng
RT: 6.563 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

Tgt Ion: 128 Resp: 392322
Ion Ratio Lower Upper
128 100
130 33.1 12.2 52.2
64 47.3 29.0 69.0





#9

Benzaldehyde

Concen: 49.158 ng

RT: 6.328 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF135041.D

Acq: 31 Aug 2023 14:51

Instrument :

BNA_F

ClientSampleId :

PB155118BSD

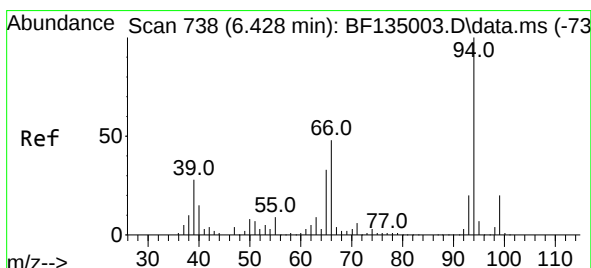
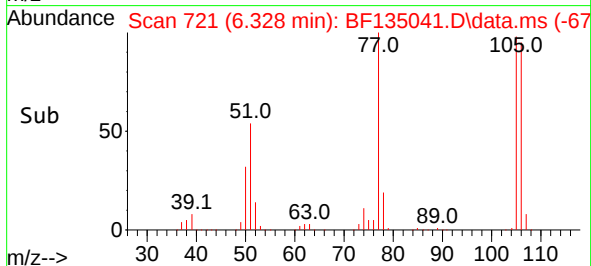
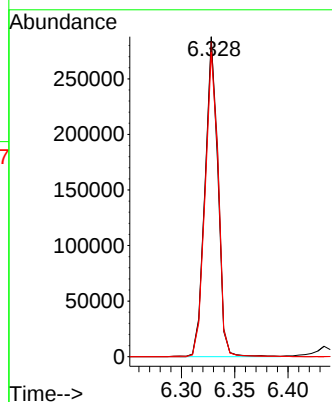
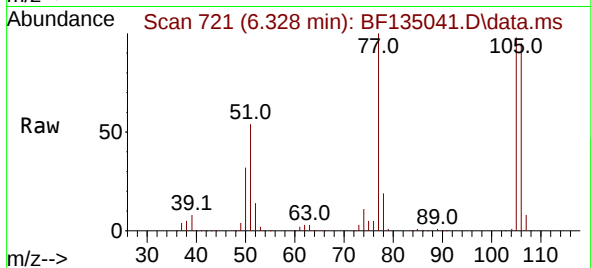
Tgt Ion: 77 Resp: 242319

Ion Ratio Lower Upper

77 100

105 98.4 78.4 118.4

106 95.1 74.3 114.3



#10

Phenol

Concen: 46.592 ng

RT: 6.434 min Scan# 739

Delta R.T. 0.006 min

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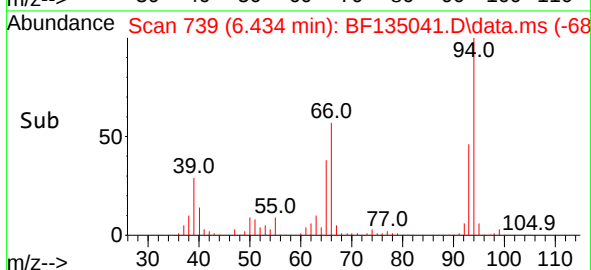
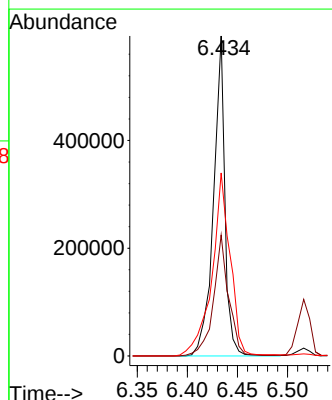
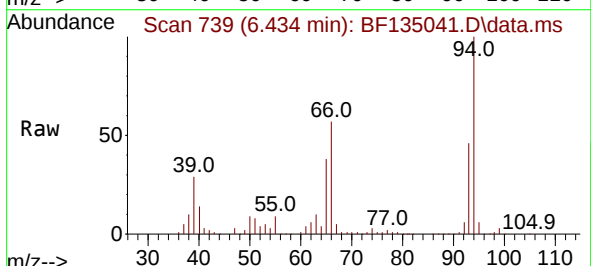
Tgt Ion: 94 Resp: 473198

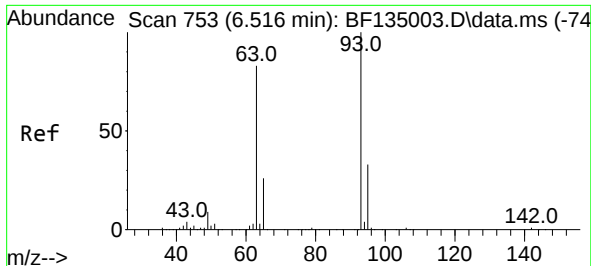
Ion Ratio Lower Upper

94 100

65 37.8 13.2 53.2

66 57.2 27.5 67.5

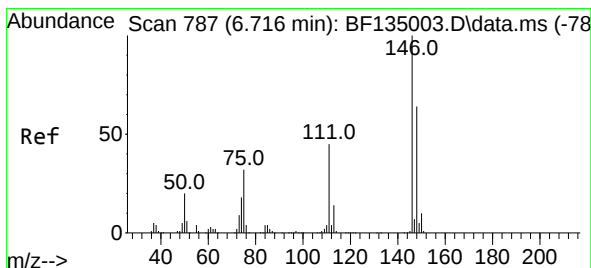
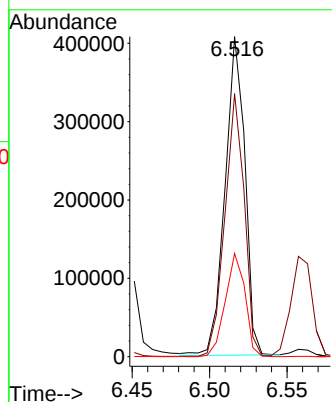
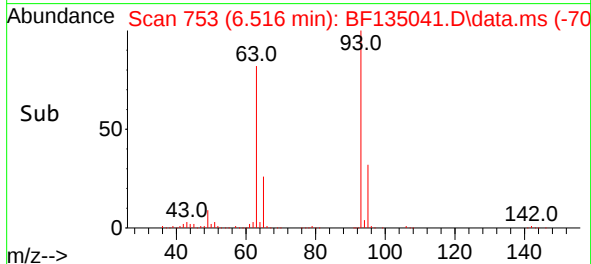
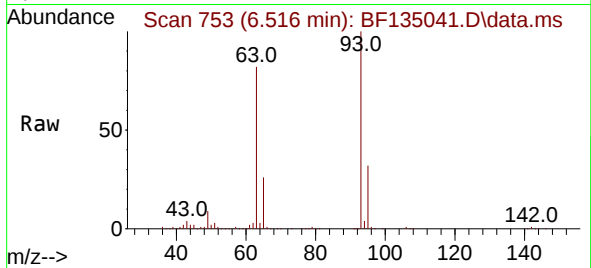




#11
bis(2-Chloroethyl)ether
Concen: 47.327 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

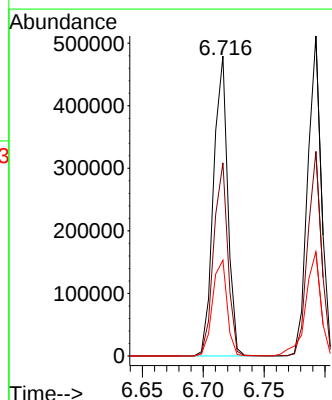
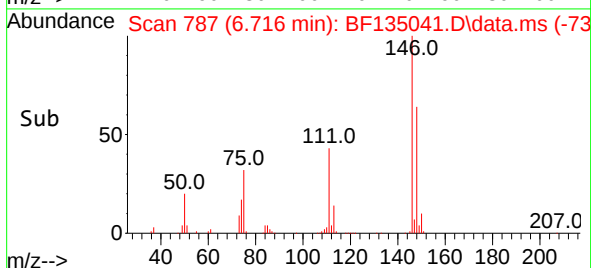
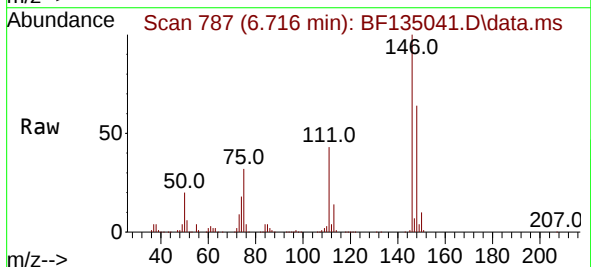
Instrument :
BNA_F
ClientSampleId :
PB155118BSD

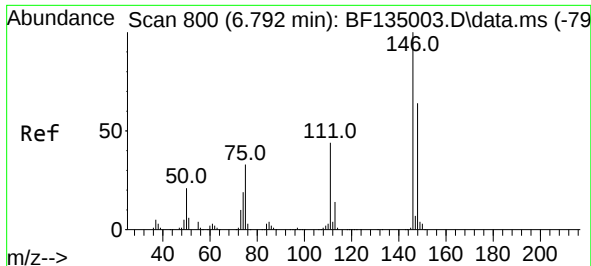
Tgt Ion: 93 Resp: 361950
Ion Ratio Lower Upper
93 100
63 82.2 62.8 102.8
95 32.2 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 48.205 ng
RT: 6.716 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

Tgt Ion:146 Resp: 391610
Ion Ratio Lower Upper
146 100
148 64.4 51.6 77.4
75 31.9 25.8 38.8

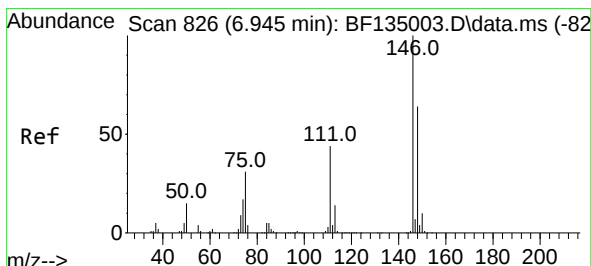
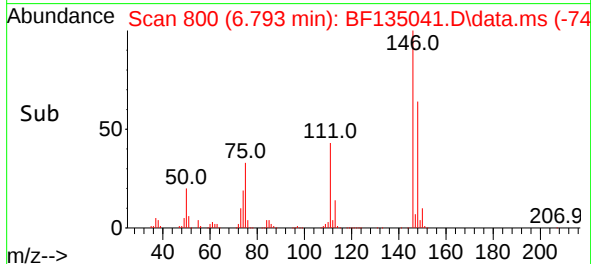
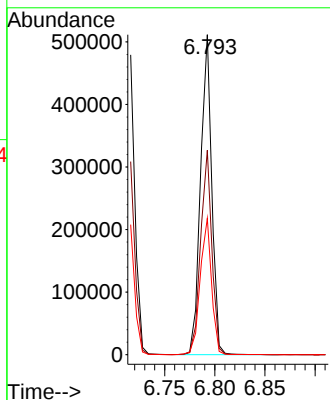
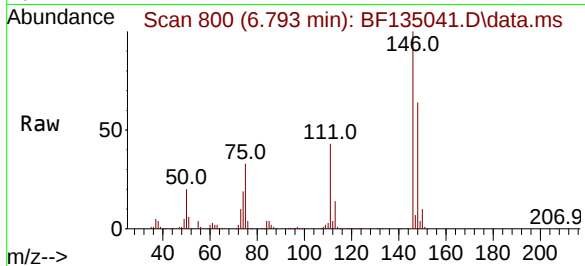




#13
1,4-Dichlorobenzene
Concen: 49.146 ng
RT: 6.793 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

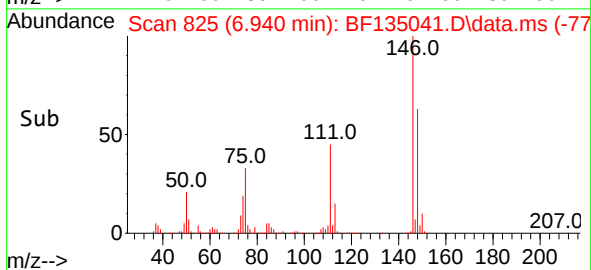
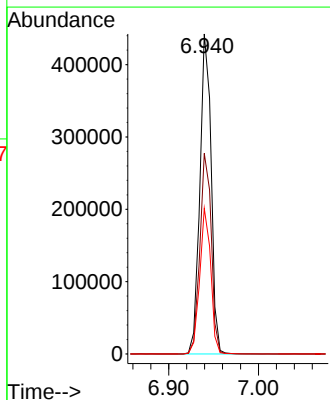
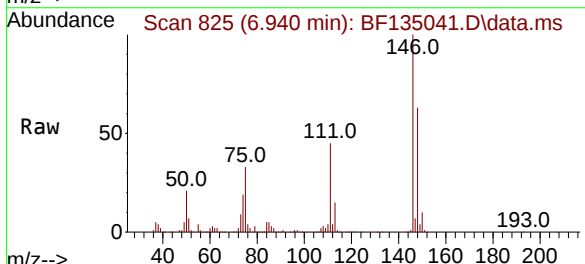
Instrument :
BNA_F
ClientSampleId :
PB155118BSD

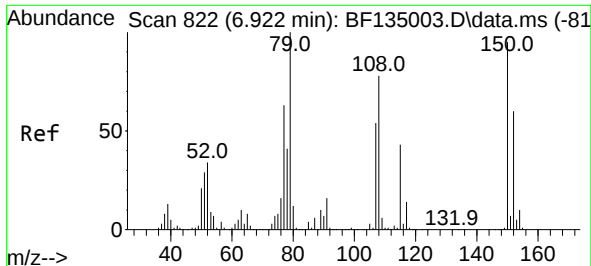
Tgt Ion:146 Resp: 399598
Ion Ratio Lower Upper
146 100
148 63.9 51.5 77.3
111 42.6 35.2 52.8



#14
1,2-Dichlorobenzene
Concen: 50.687 ng
RT: 6.940 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

Tgt Ion:146 Resp: 384585
Ion Ratio Lower Upper
146 100
148 62.7 51.1 76.7
111 45.5 35.3 52.9

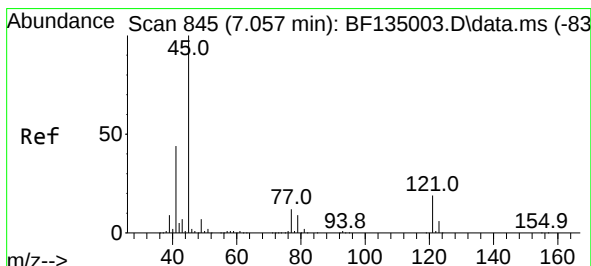
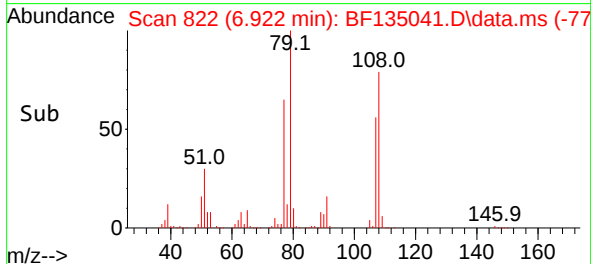
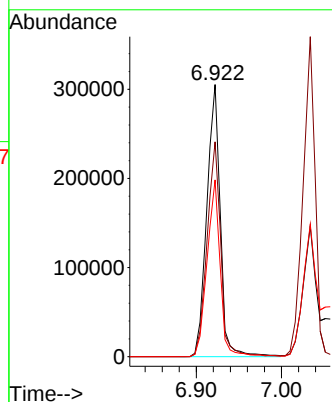
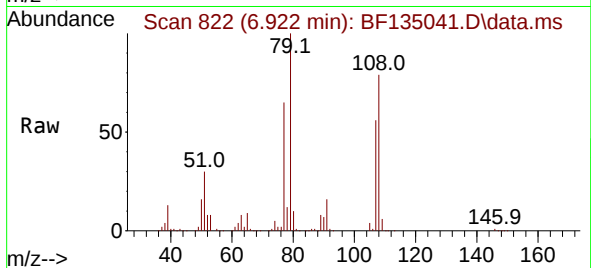




#15
Benzyl Alcohol
Concen: 50.704 ng
RT: 6.922 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

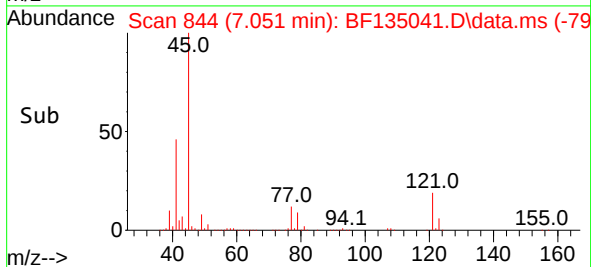
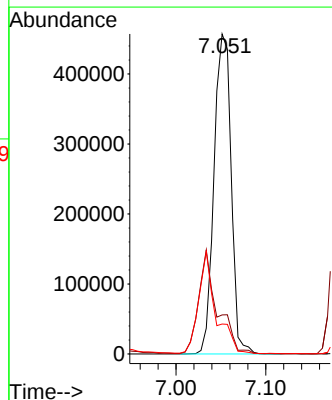
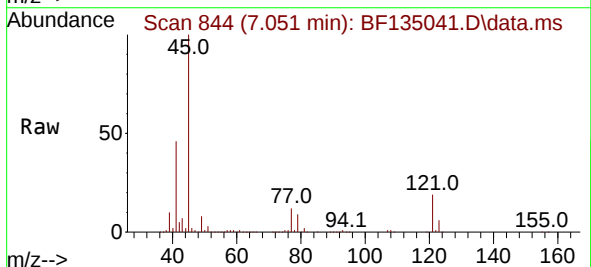
Instrument :
BNA_F
ClientSampleId :
PB155118BSD

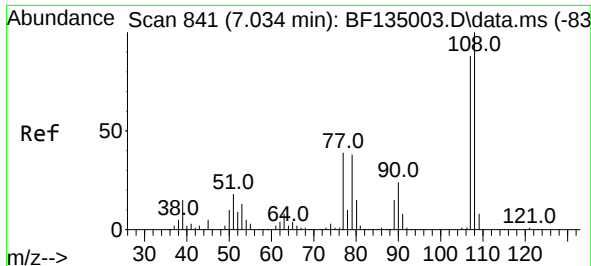
Tgt Ion: 79 Resp: 336063
Ion Ratio Lower Upper
79 100
108 79.0 62.5 93.7
77 65.0 50.4 75.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.249 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

Tgt Ion: 45 Resp: 605130
Ion Ratio Lower Upper
45 100
77 12.2 0.0 32.3
79 9.4 0.0 29.5

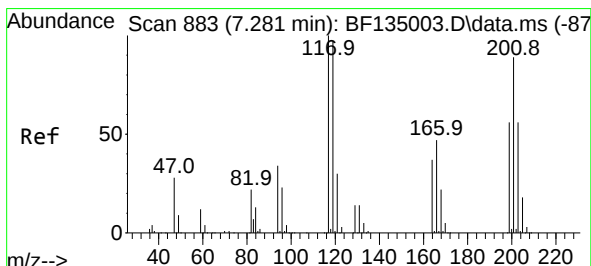
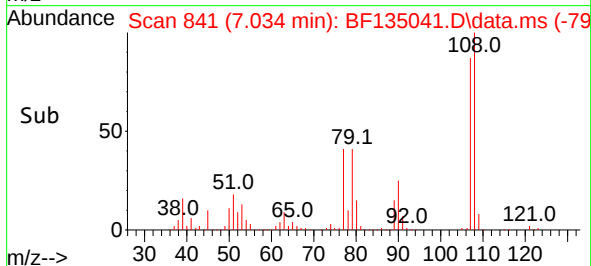
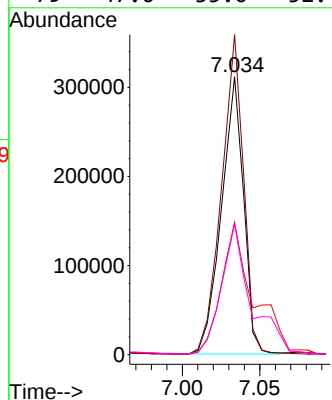
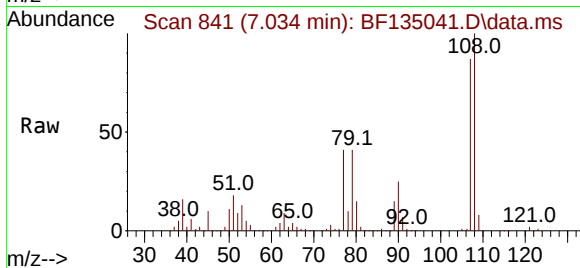




#17
2-Methylphenol
Concen: 44.965 ng
RT: 7.034 min Scan# 841
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

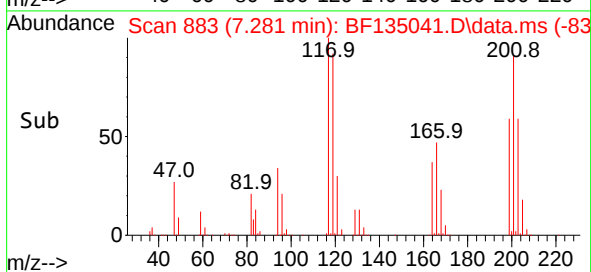
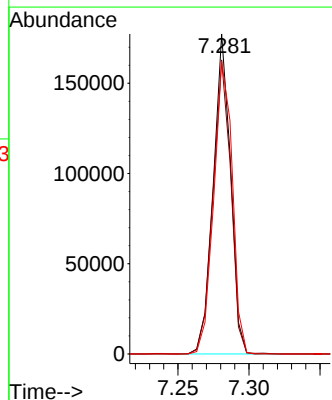
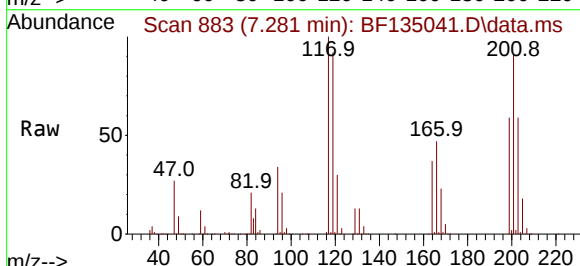
Instrument :
BNA_F
ClientSampleId :
PB155118BSD

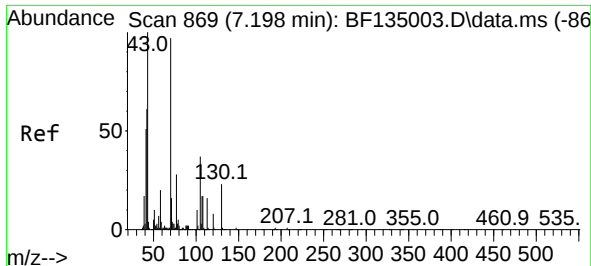
Tgt Ion:	107	Resp:	308961
Ion	Ratio	Lower	Upper
107	100		
108	115.1	91.2	136.8
77	47.7	36.0	54.0
79	47.0	35.0	52.4



#18
Hexachloroethane
Concen: 49.975 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

Tgt Ion:	117	Resp:	150521
Ion	Ratio	Lower	Upper
117	100		
119	91.9	77.4	116.2
201	91.4	71.4	107.2





#19

n-Nitroso-di-n-propylamine

Concen: 44.964 ng

RT: 7.193 min Scan# 8

Delta R.T. -0.006 min

Lab File: BF135041.D

Acq: 31 Aug 2023 14:51

Instrument :

BNA_F

ClientSampleId :

PB155118BSD

Tgt Ion: 70 Resp: 258382

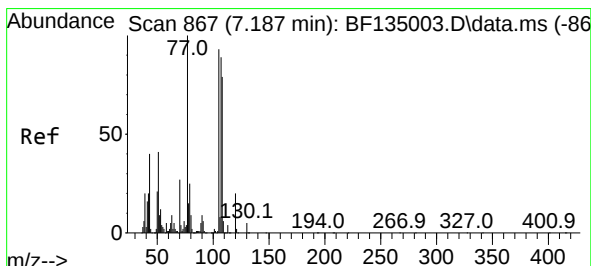
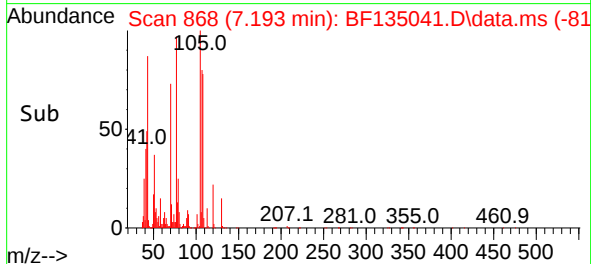
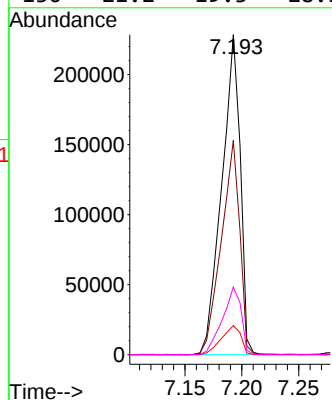
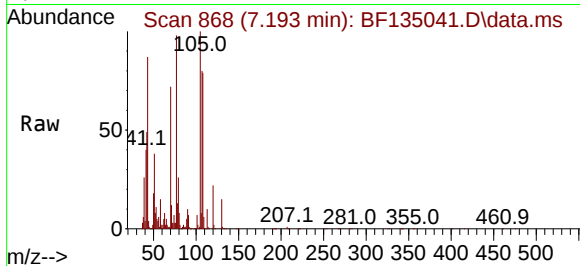
Ion Ratio Lower Upper

70 100

42 67.0 50.2 75.4

101 9.1 8.1 12.1

130 21.2 19.3 28.9



#20

3+4-Methylphenols

Concen: 45.155 ng

RT: 7.187 min Scan# 867

Delta R.T. 0.000 min

Lab File: BF135041.D

Acq: 31 Aug 2023 14:51

Tgt Ion:107 Resp: 366033

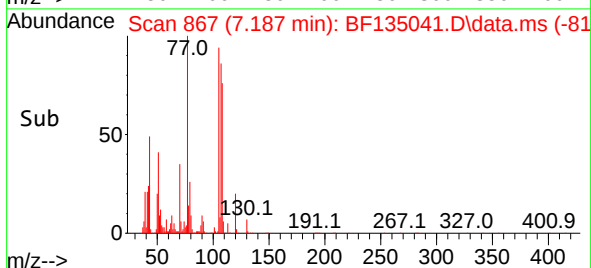
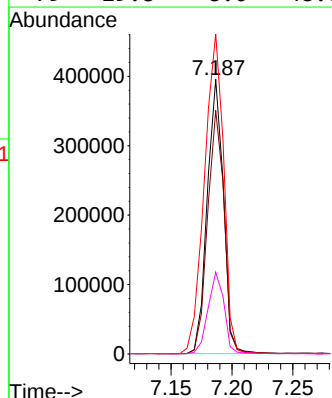
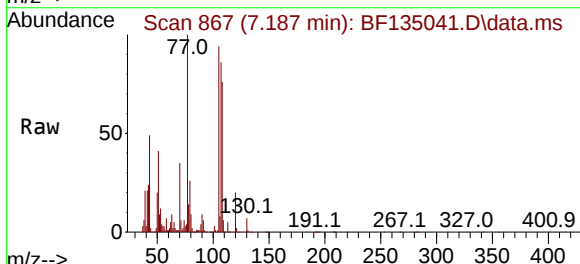
Ion Ratio Lower Upper

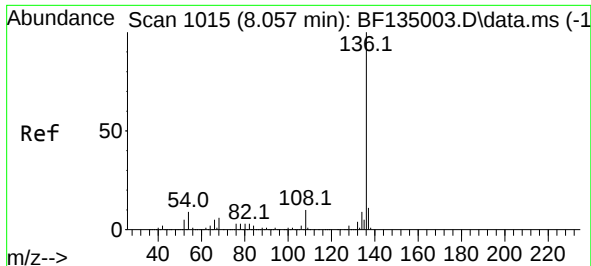
107 100

108 88.7 68.6 108.6

77 116.6 92.3 132.3

79 29.8 8.0 48.0

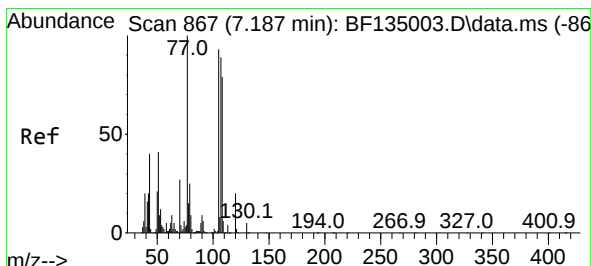
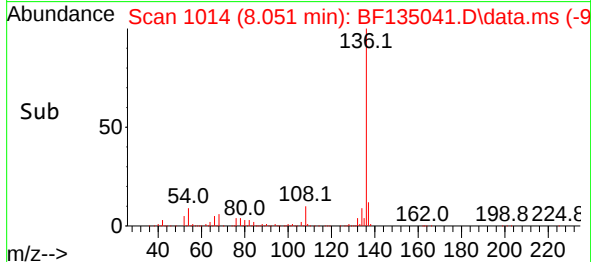
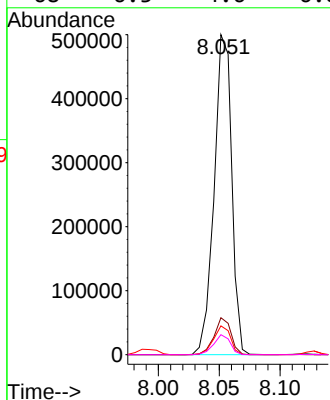
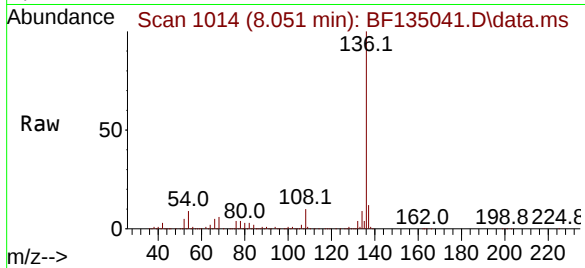




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

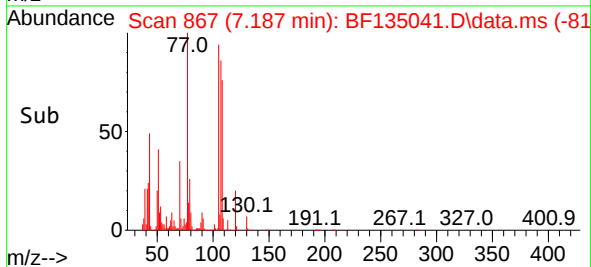
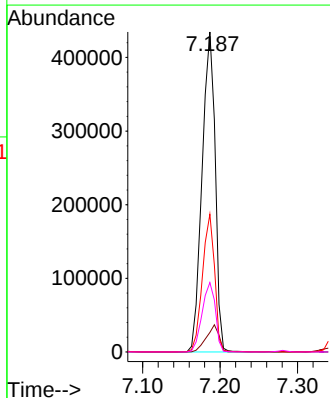
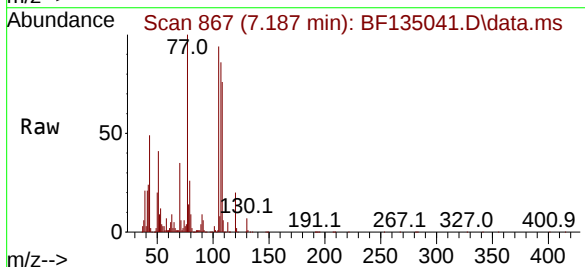
Instrument :
BNA_F
ClientSampleId :
PB155118BSD

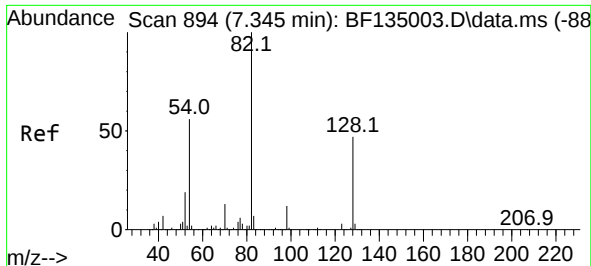
Tgt Ion:136 Resp: 502608
Ion Ratio Lower Upper
136 100
137 11.6 8.8 13.2
54 9.0 7.0 10.4
68 6.3 4.6 6.8



#22
Acetophenone
Concen: 45.756 ng
RT: 7.187 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

Tgt Ion:105 Resp: 511531
Ion Ratio Lower Upper
105 100
71 6.1 3.8 5.6#
51 43.0 35.0 52.6
120 21.7 17.4 26.0





#23

Nitrobenzene-d5

Concen: 88.027 ng

RT: 7.340 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF135041.D

Acq: 31 Aug 2023 14:51

Instrument :

BNA_F

ClientSampleId :

PB155118BSD

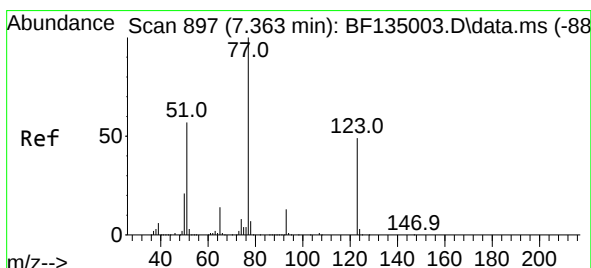
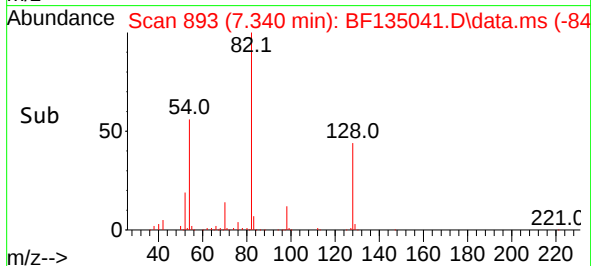
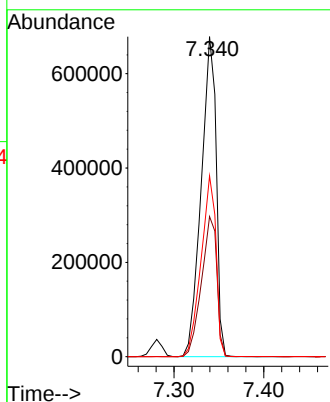
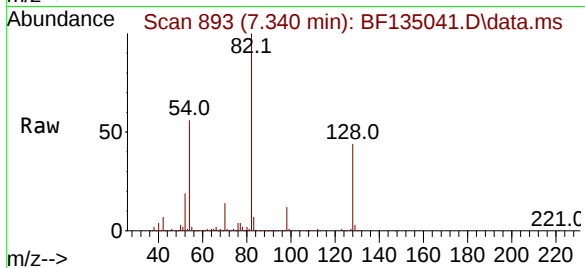
Tgt Ion: 82 Resp: 787513

Ion Ratio Lower Upper

82 100

128 43.8 37.8 56.8

54 56.5 45.0 67.6



#24

Nitrobenzene

Concen: 44.744 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF135041.D

Acq: 31 Aug 2023 14:51

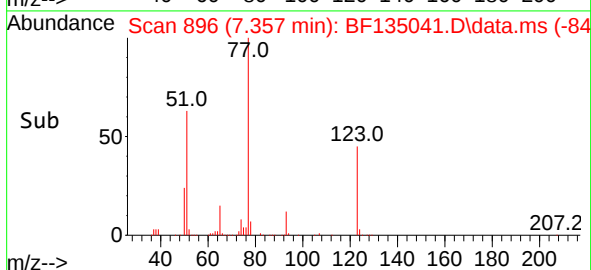
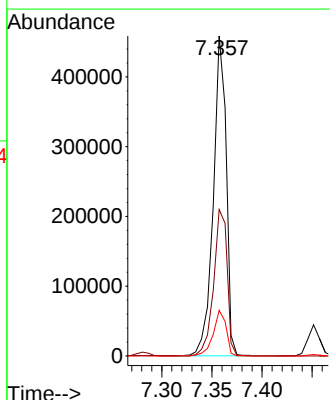
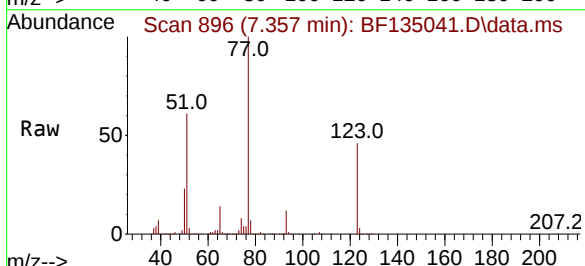
Tgt Ion: 77 Resp: 410617

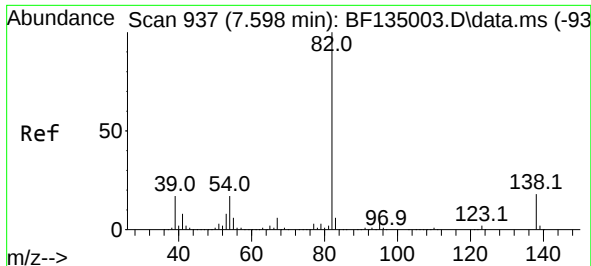
Ion Ratio Lower Upper

77 100

123 45.8 39.4 59.2

65 14.3 11.4 17.2

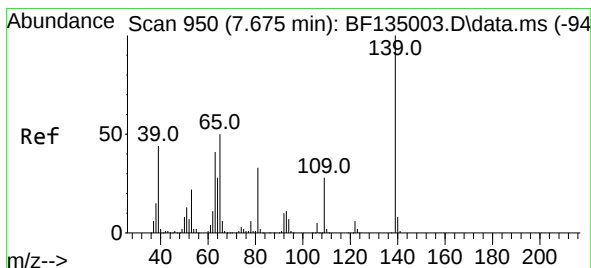
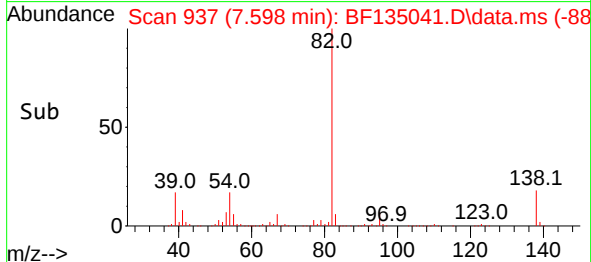
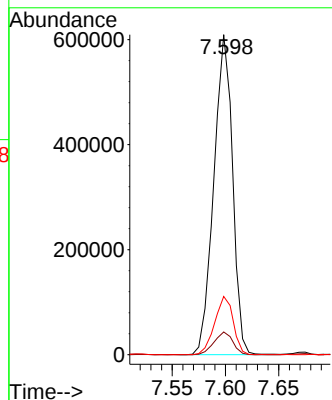
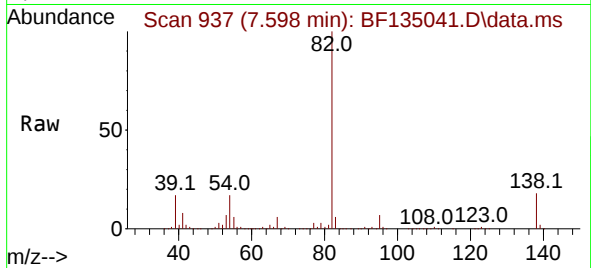




#25
Isophorone
Concen: 43.830 ng
RT: 7.598 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

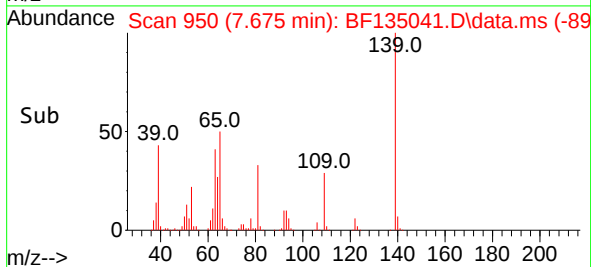
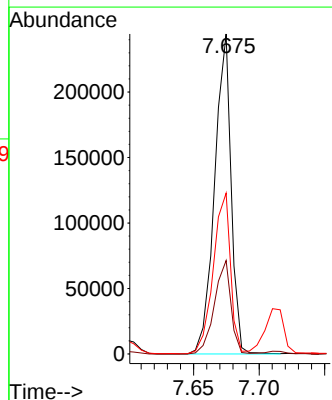
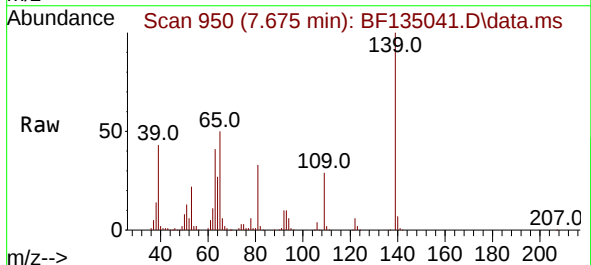
Instrument :
BNA_F
ClientSampleId :
PB155118BSD

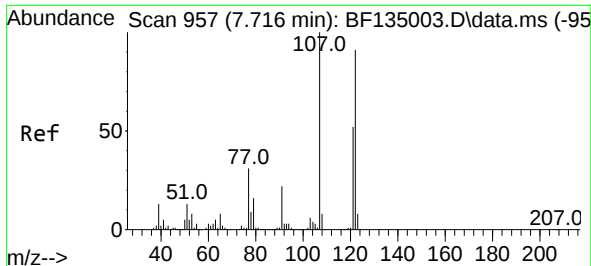
Tgt Ion: 82 Resp: 743450
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 18.2 14.7 22.1



#26
2-Nitrophenol
Concen: 47.117 ng
RT: 7.675 min Scan# 950
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

Tgt Ion: 139 Resp: 213630
Ion Ratio Lower Upper
139 100
109 29.2 22.6 34.0
65 50.3 40.3 60.5





#27

2,4-Dimethylphenol

Concen: 46.769 ng

RT: 7.716 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135041.D

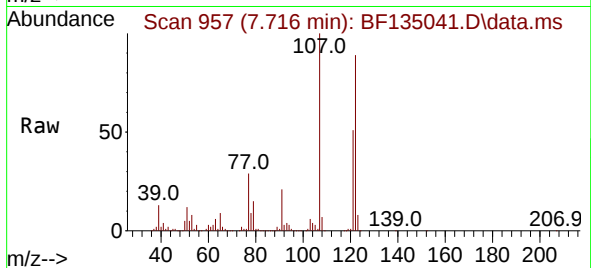
Acq: 31 Aug 2023 14:51

Instrument :

BNA_F

ClientSampleId :

PB155118BSD



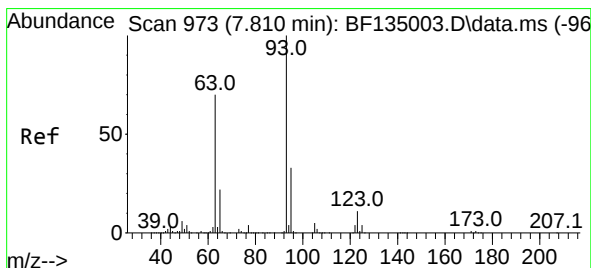
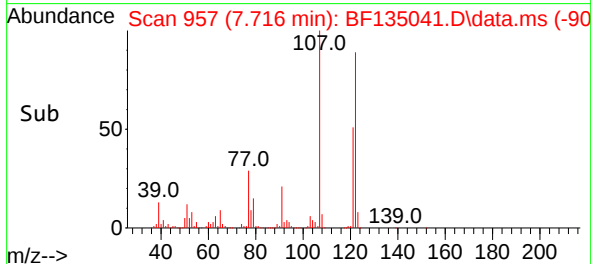
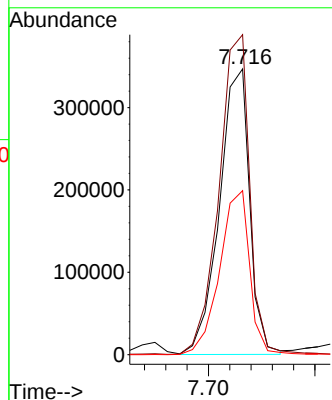
Tgt Ion:122 Resp: 341402

Ion Ratio Lower Upper

122 100

107 112.0 87.8 131.8

121 57.4 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 43.433 ng

RT: 7.810 min Scan# 973

Delta R.T. 0.000 min

Lab File: BF135041.D

Acq: 31 Aug 2023 14:51

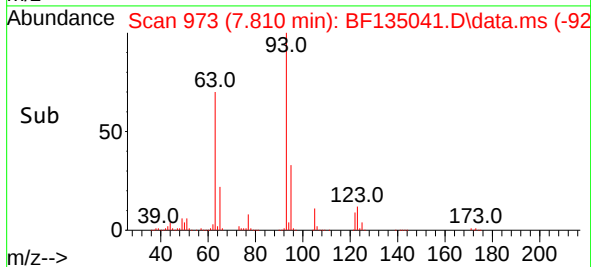
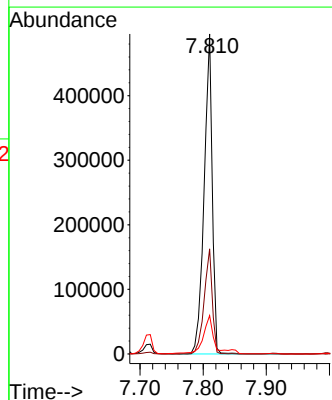
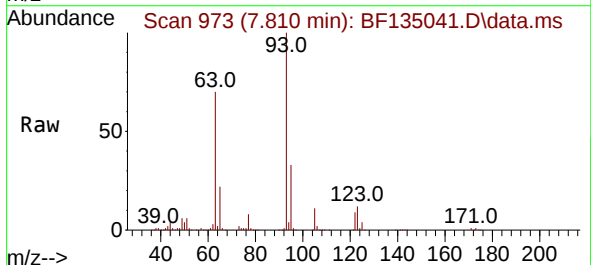
Tgt Ion: 93 Resp: 444404

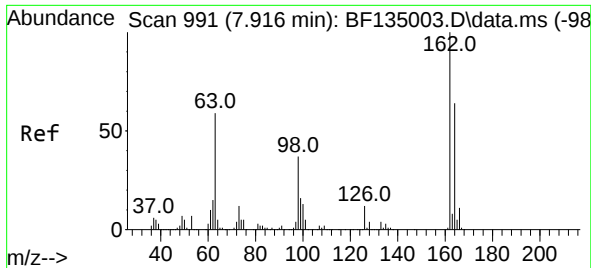
Ion Ratio Lower Upper

93 100

95 32.8 26.0 39.0

123 12.0 9.2 13.8

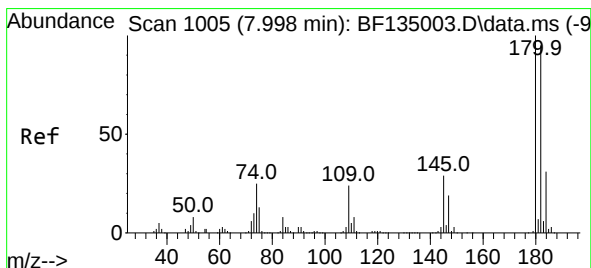
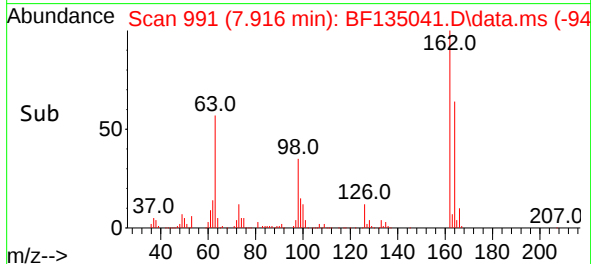
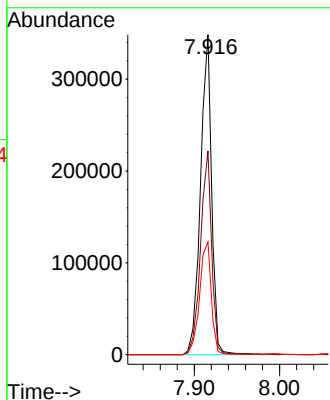
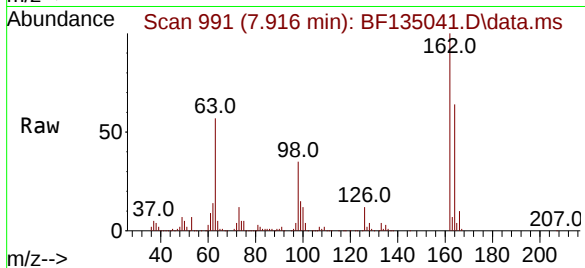




#29
2,4-Dichlorophenol
Concen: 45.641 ng
RT: 7.916 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

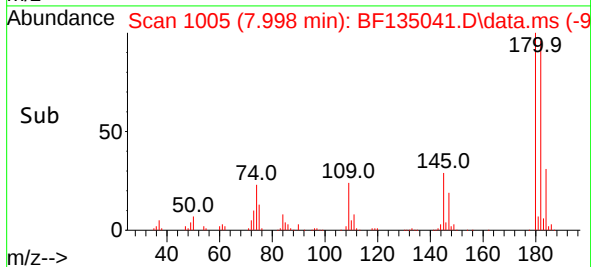
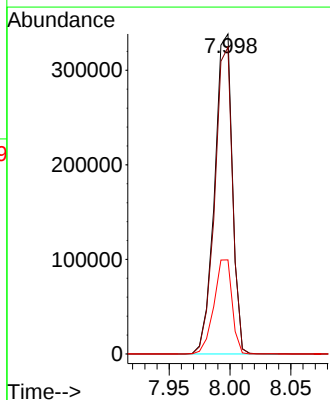
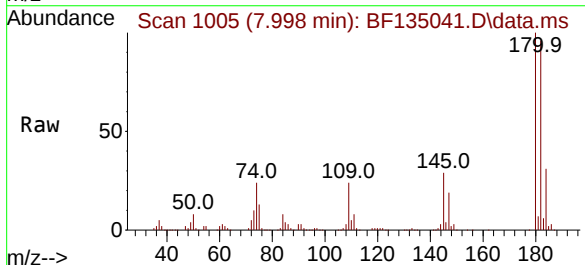
Instrument :
BNA_F
ClientSampleId :
PB155118BSD

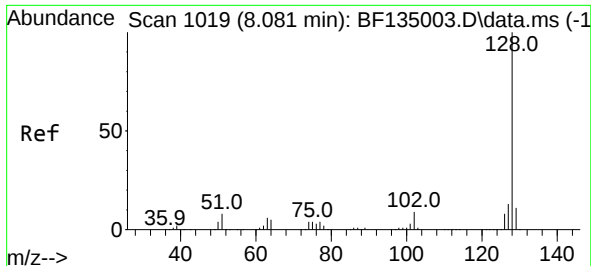
Tgt Ion:162 Resp: 316644
Ion Ratio Lower Upper
162 100
164 63.7 44.2 84.2
98 35.3 17.3 57.3



#30
1,2,4-Trichlorobenzene
Concen: 46.092 ng
RT: 7.998 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

Tgt Ion:180 Resp: 345561
Ion Ratio Lower Upper
180 100
182 95.9 76.3 114.5
145 29.4 23.5 35.3

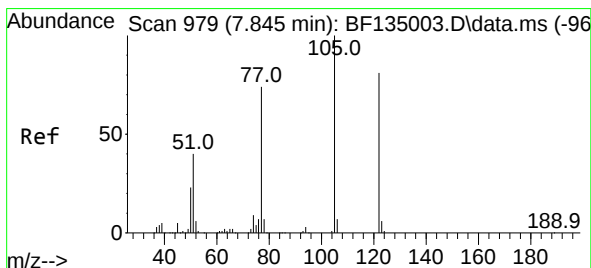
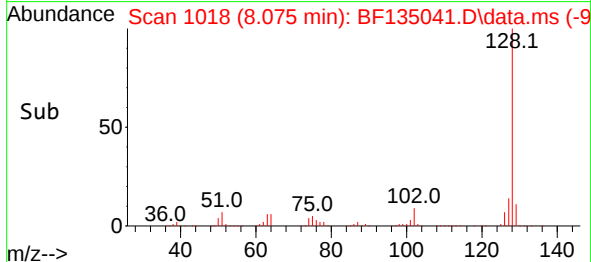
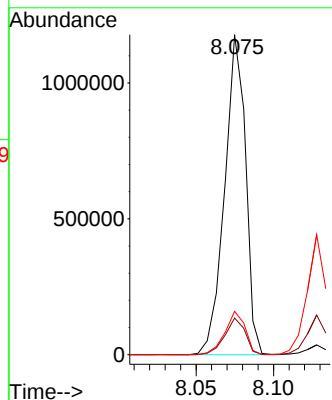
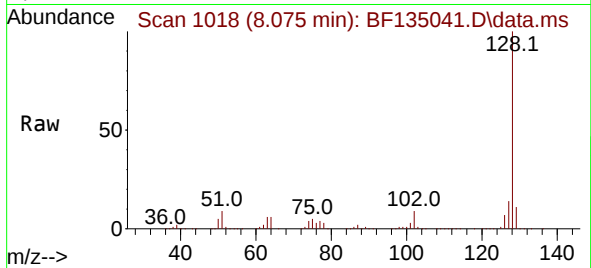




#31
Naphthalene
Concen: 45.165 ng
RT: 8.075 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

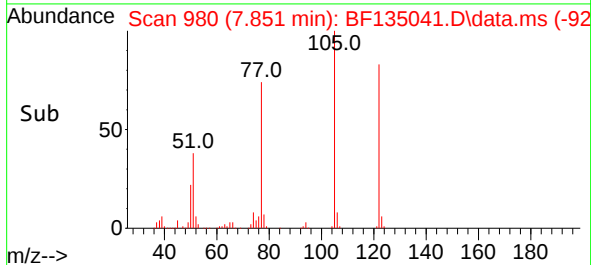
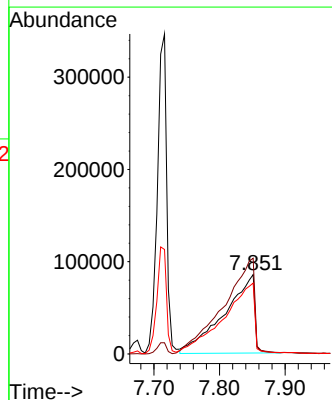
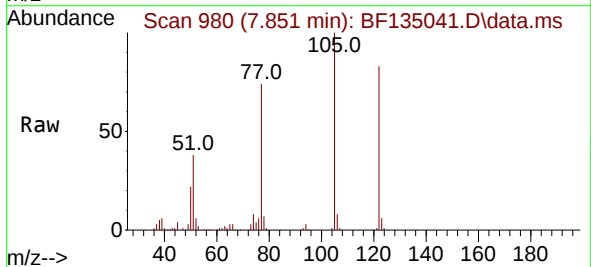
Instrument :
BNA_F
ClientSampleId :
PB155118BSD

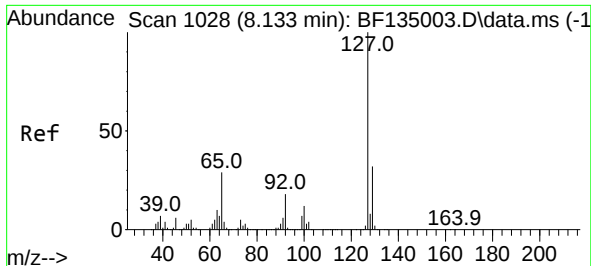
Tgt Ion:128 Resp: 1108904
Ion Ratio Lower Upper
128 100
129 11.5 8.6 13.0
127 13.6 10.6 16.0



#32
Benzoic acid
Concen: 46.773 ng
RT: 7.851 min Scan# 980
Delta R.T. 0.006 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

Tgt Ion:122 Resp: 273120
Ion Ratio Lower Upper
122 100
105 120.5 99.8 139.8
77 89.4 69.5 109.5

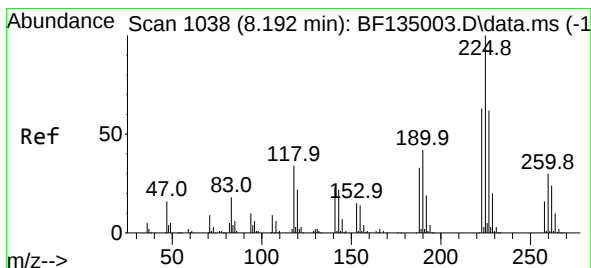
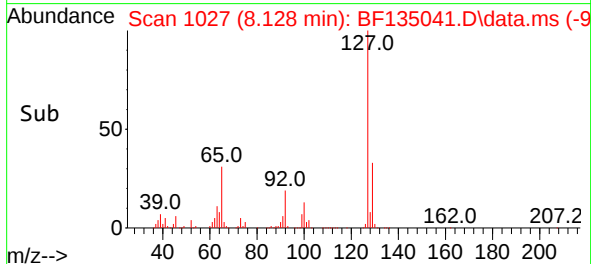
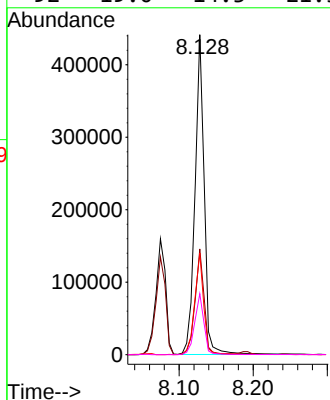
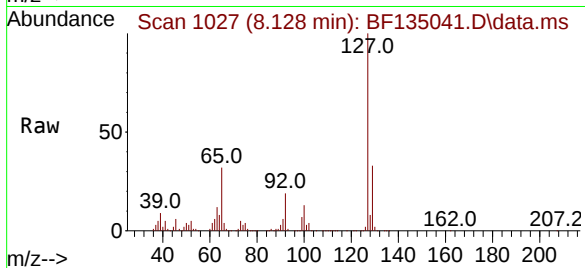




#33
4-Chloroaniline
Concen: 35.537 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

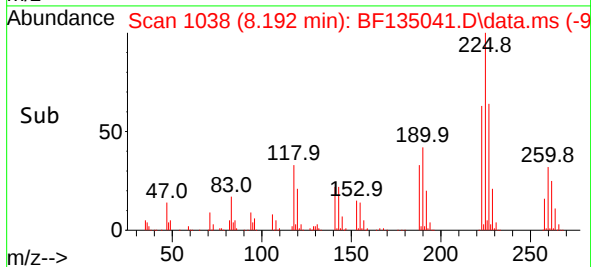
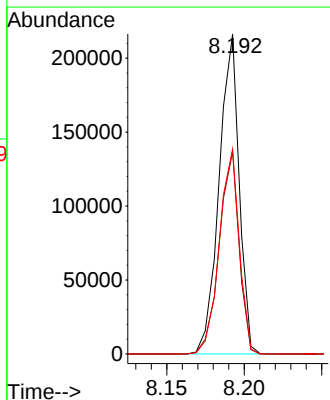
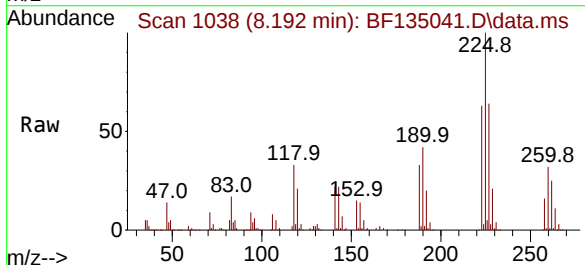
Instrument :
BNA_F
ClientSampleId :
PB155118BSD

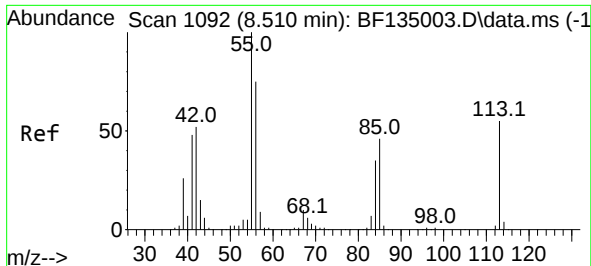
Tgt Ion:	127	Resp:	381629
Ion Ratio	Lower	Upper	
127	100		
129	33.0	25.6	38.4
65	31.8	23.1	34.7
92	19.0	14.3	21.5



#34
Hexachlorobutadiene
Concen: 45.607 ng
RT: 8.192 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

Tgt Ion:	225	Resp:	194047
Ion Ratio	Lower	Upper	
225	100		
223	63.1	50.7	76.1
227	64.1	49.6	74.4

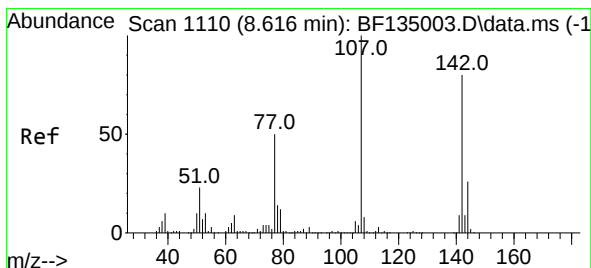
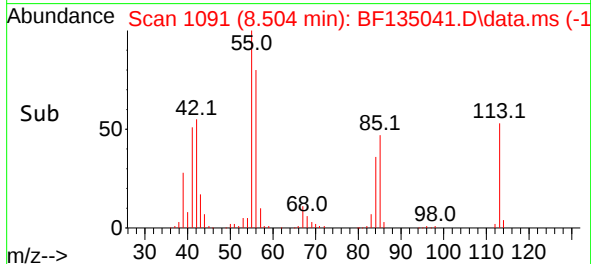
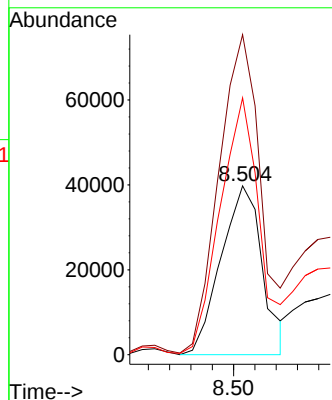
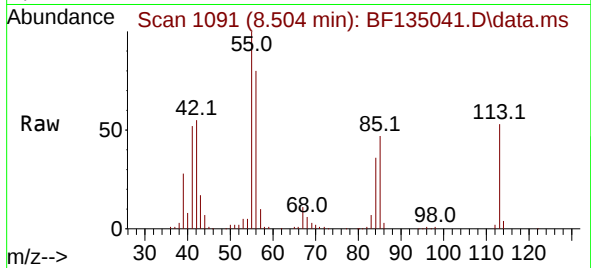




#35
Caprolactam
Concen: 23.651 ng
RT: 8.504 min Scan# 1092
Delta R.T. -0.006 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

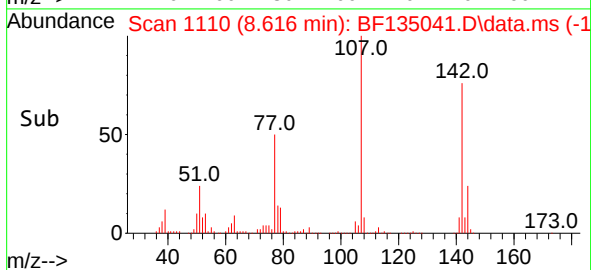
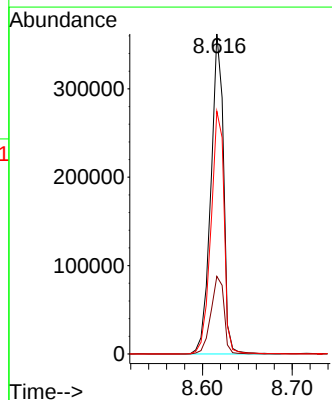
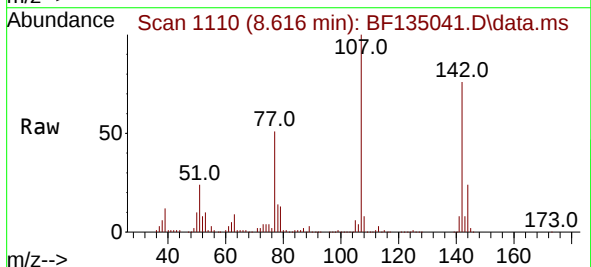
Instrument :
BNA_F
ClientSampleId :
PB155118BSD

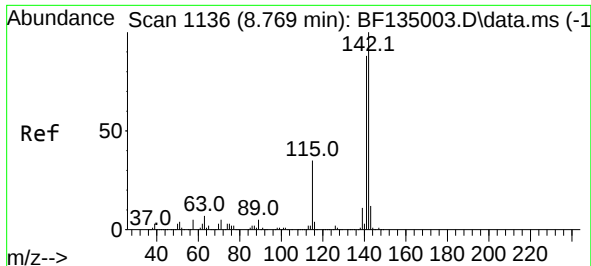
Tgt Ion:113 Resp: 53726
Ion Ratio Lower Upper
113 100
55 189.6 160.6 200.6
56 152.2 115.4 155.4



#36
4-Chloro-3-methylphenol
Concen: 47.109 ng
RT: 8.616 min Scan# 1110
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

Tgt Ion:107 Resp: 354984
Ion Ratio Lower Upper
107 100
144 24.2 20.6 31.0
142 75.9 64.4 96.6

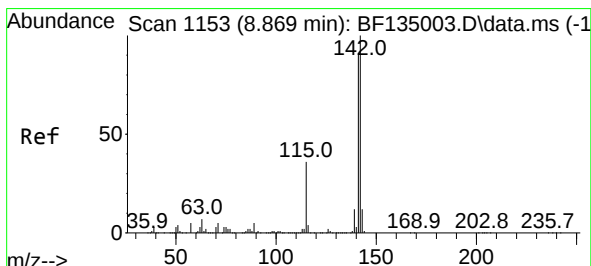
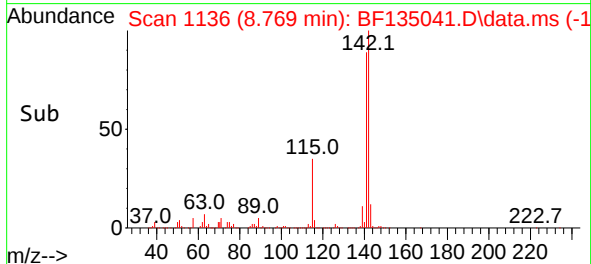
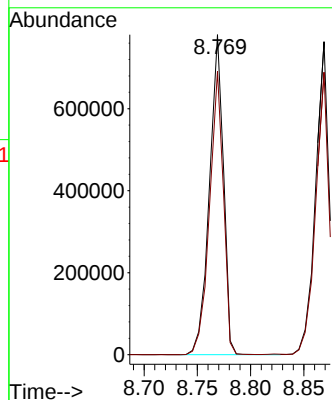
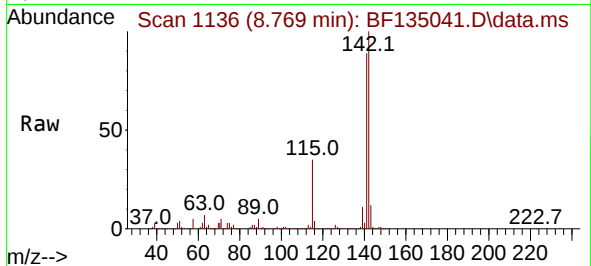




#37
2-Methylnaphthalene
Concen: 43.686 ng
RT: 8.769 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

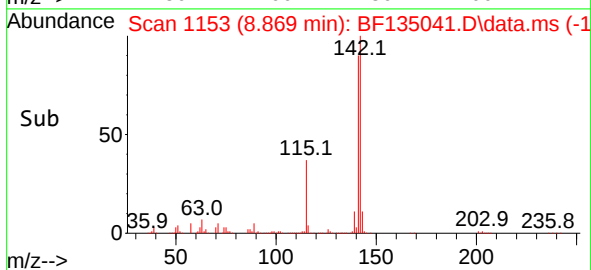
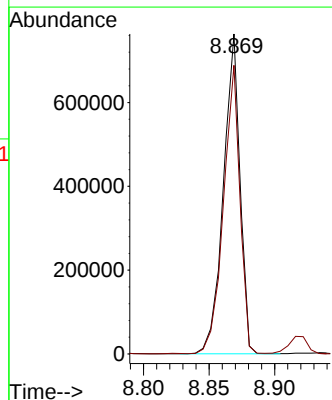
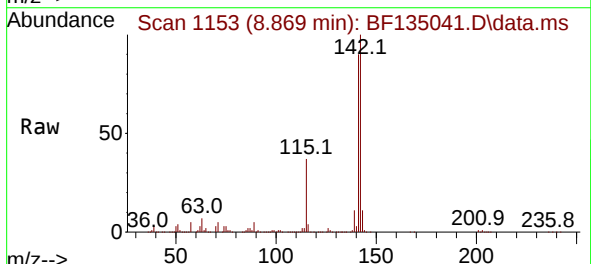
Instrument :
BNA_F
ClientSampleId :
PB155118BSD

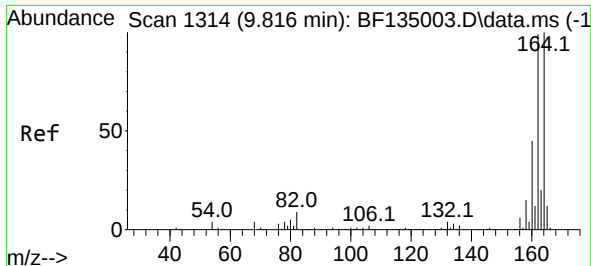
Tgt Ion:142 Resp: 715656
Ion Ratio Lower Upper
142 100
141 88.6 70.7 106.1



#38
1-Methylnaphthalene
Concen: 43.781 ng
RT: 8.869 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

Tgt Ion:142 Resp: 671087
Ion Ratio Lower Upper
142 100
141 90.2 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: BF135041.D

Acq: 31 Aug 2023 14:51

Instrument :

BNA_F

ClientSampleId :

PB155118BSD

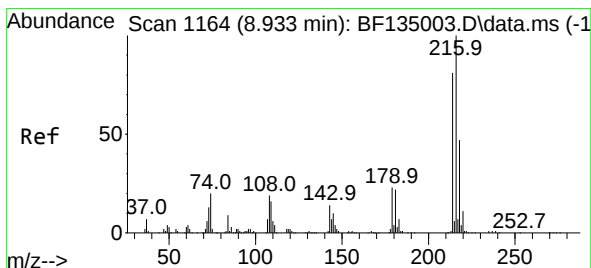
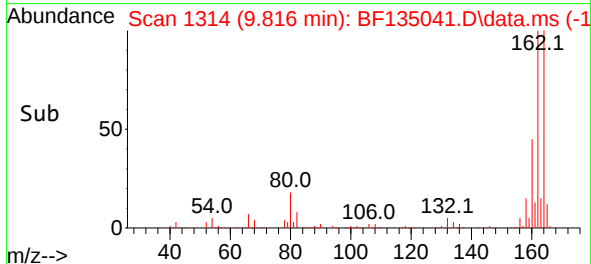
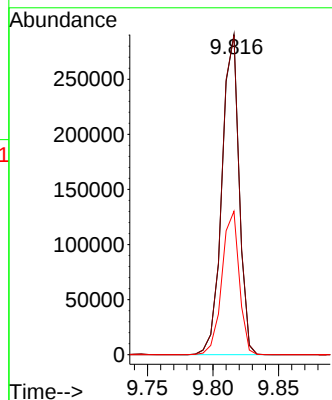
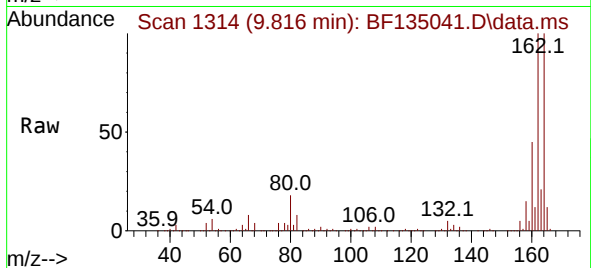
Tgt Ion:164 Resp: 263579

Ion Ratio Lower Upper

164 100

162 99.7 79.5 119.3

160 44.8 36.0 54.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.641 ng

RT: 8.934 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF135041.D

Acq: 31 Aug 2023 14:51

Tgt Ion:216 Resp: 322011

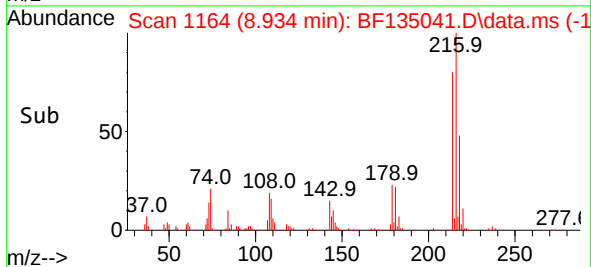
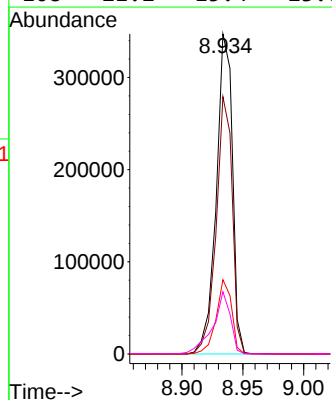
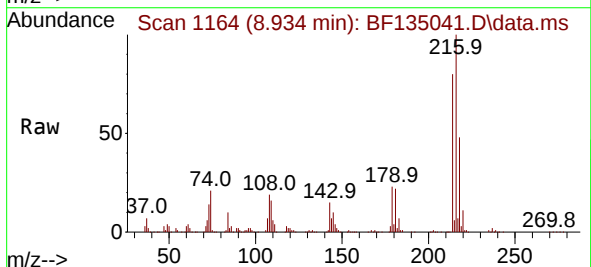
Ion Ratio Lower Upper

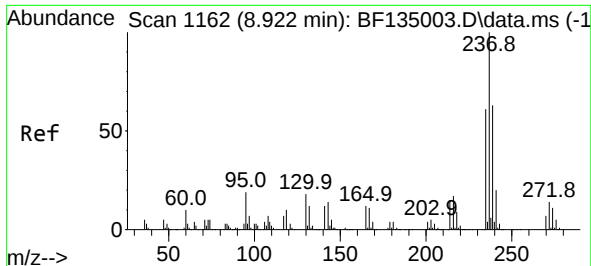
216 100

214 79.5 63.8 95.8

179 22.1 17.7 26.5

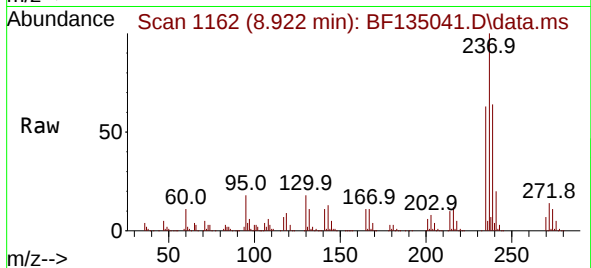
108 21.2 15.4 23.0



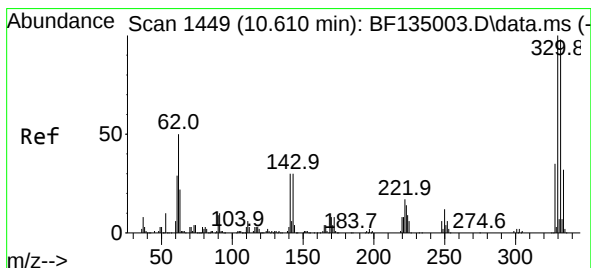
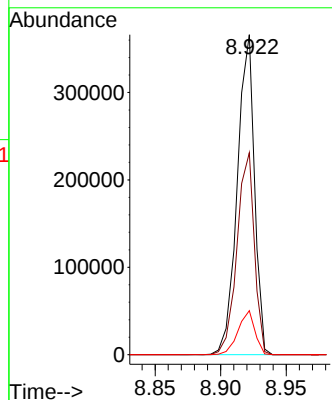
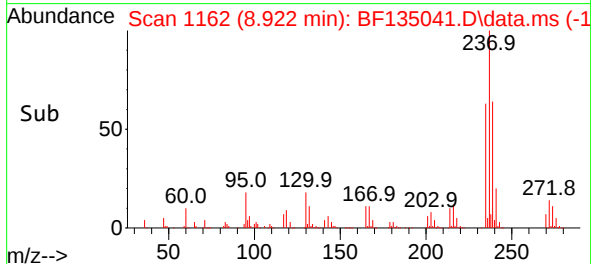


#41
Hexachlorocyclopentadiene
Concen: 106.645 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

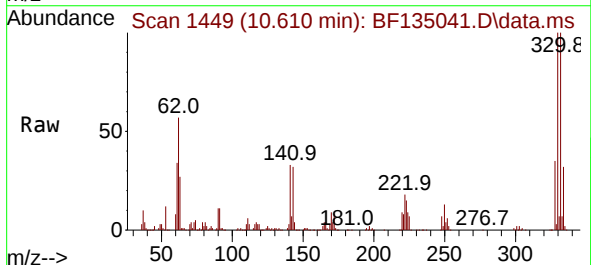
Instrument :
BNA_F
ClientSampleId :
PB155118BSD



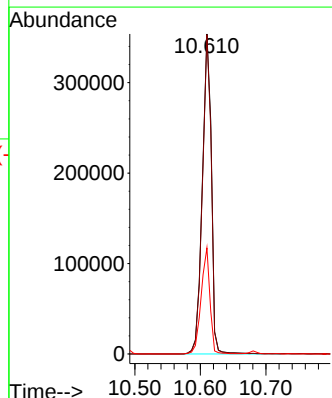
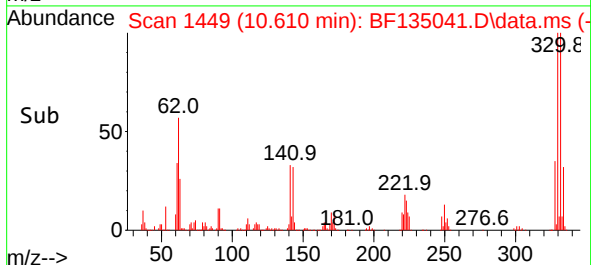
Tgt Ion:237 Resp: 334918
Ion Ratio Lower Upper
237 100
235 63.1 40.9 80.9
272 13.7 0.0 33.9

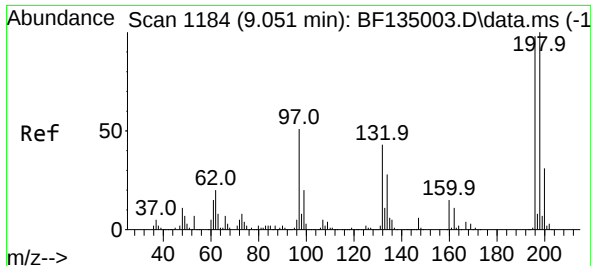


#42
2,4,6-Tribromophenol
Concen: 122.071 ng
RT: 10.610 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51



Tgt Ion:330 Resp: 341313
Ion Ratio Lower Upper
330 100
332 97.9 77.6 116.4
141 32.3 26.3 39.5

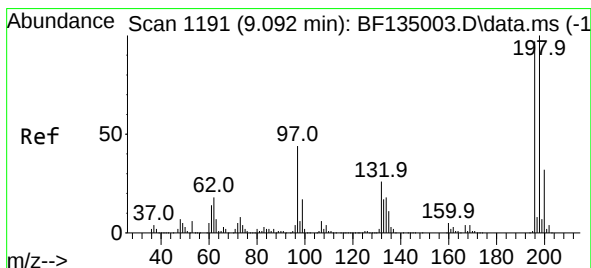
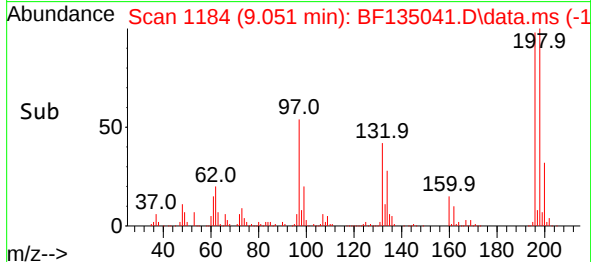
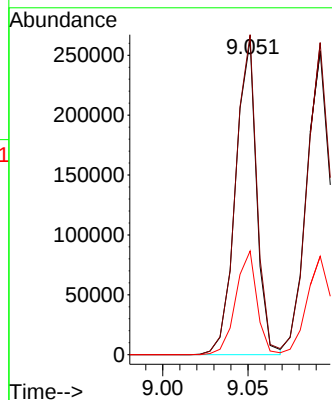
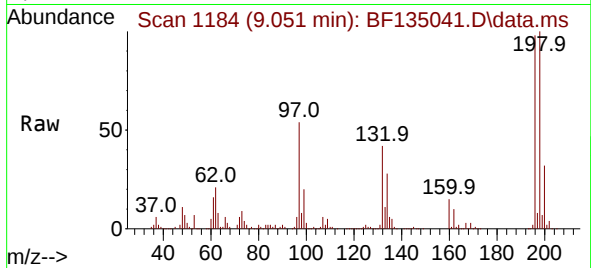




#43
2,4,6-Trichlorophenol
Concen: 45.805 ng
RT: 9.051 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

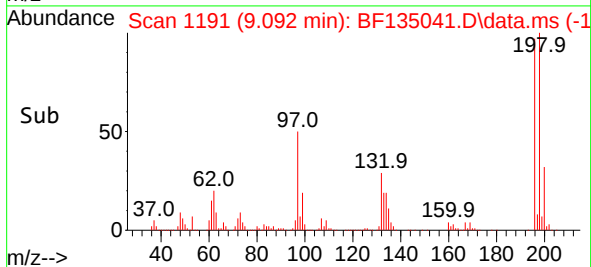
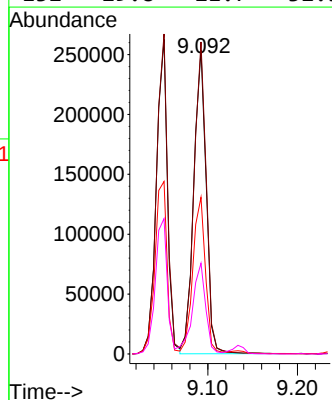
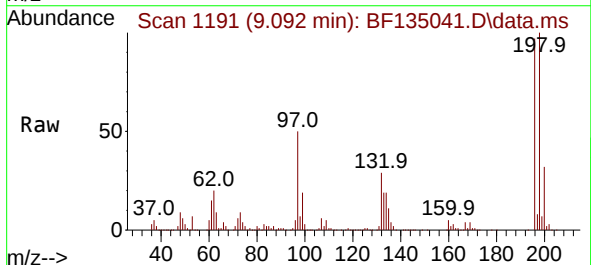
Instrument :
BNA_F
ClientSampleId :
PB155118BSD

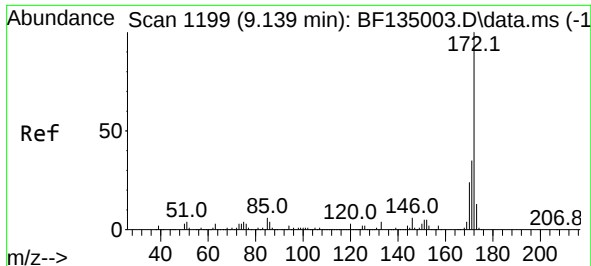
Tgt Ion:196 Resp: 226979
Ion Ratio Lower Upper
196 100
198 101.7 81.8 122.6
200 32.9 25.7 38.5



#44
2,4,5-Trichlorophenol
Concen: 42.911 ng
RT: 9.092 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

Tgt Ion:196 Resp: 246177
Ion Ratio Lower Upper
196 100
198 102.7 82.8 124.2
97 51.6 36.5 54.7
132 29.8 21.7 32.5





#45

2-Fluorobiphenyl

Concen: 83.208 ng

RT: 9.134 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF135041.D

Acq: 31 Aug 2023 14:51

Instrument :

BNA_F

ClientSampleId :

PB155118BSD

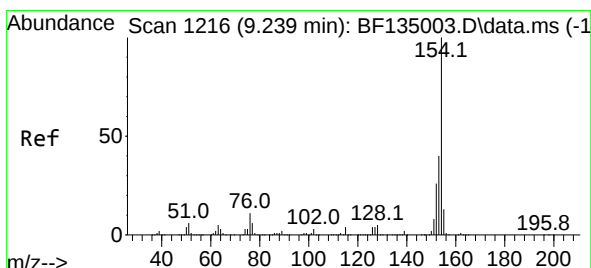
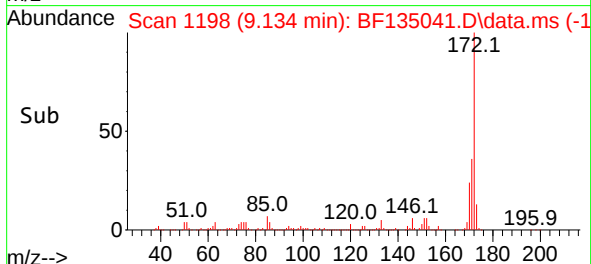
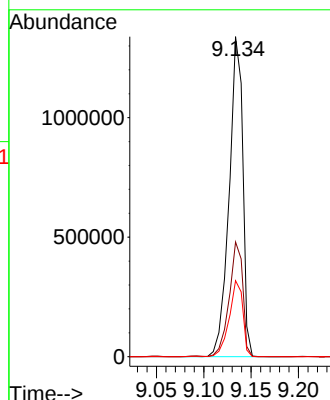
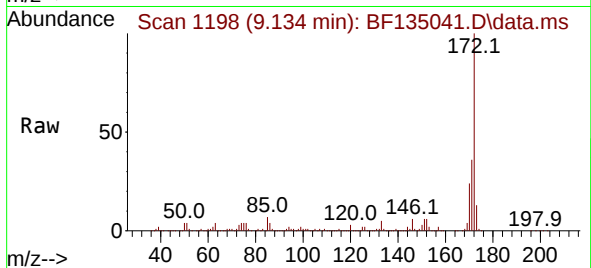
Tgt Ion:172 Resp: 1347081

Ion Ratio Lower Upper

172 100

171 35.8 28.2 42.2

170 23.8 19.0 28.4



#46

1,1'-Biphenyl

Concen: 43.796 ng

RT: 9.234 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF135041.D

Acq: 31 Aug 2023 14:51

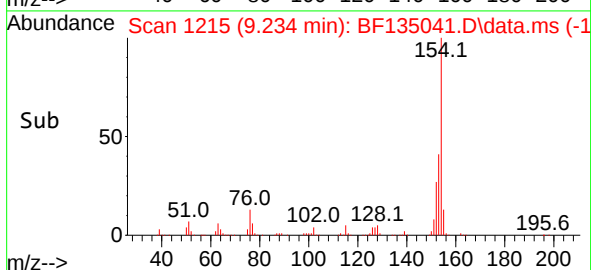
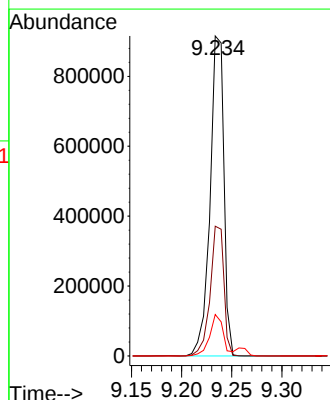
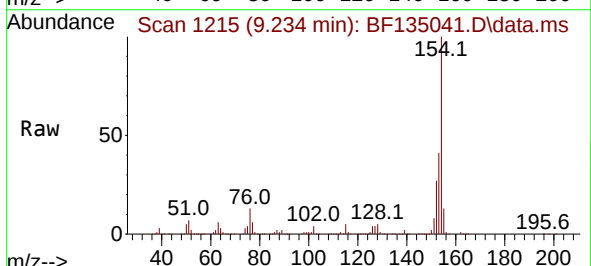
Tgt Ion:154 Resp: 881967

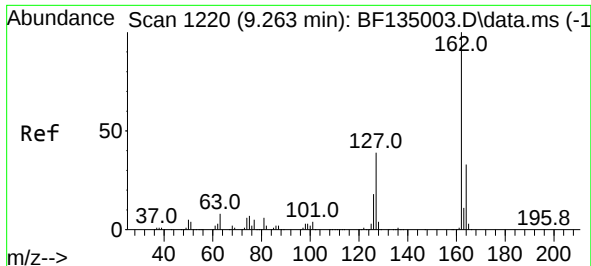
Ion Ratio Lower Upper

154 100

153 40.6 20.2 60.2

76 12.9 0.0 31.2

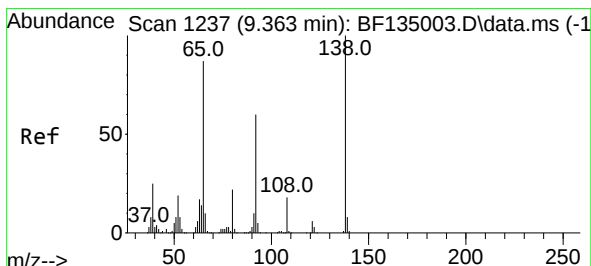
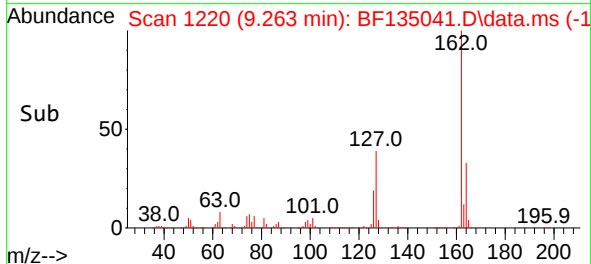
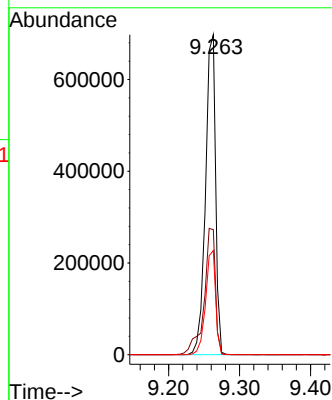
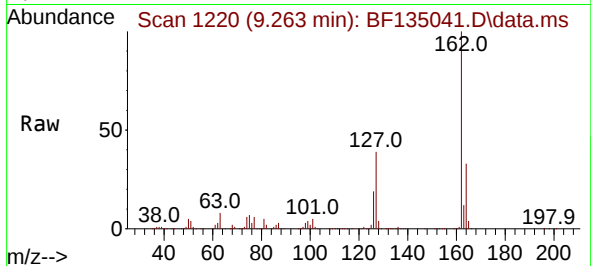




#47
2-Chloronaphthalene
Concen: 45.617 ng
RT: 9.263 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

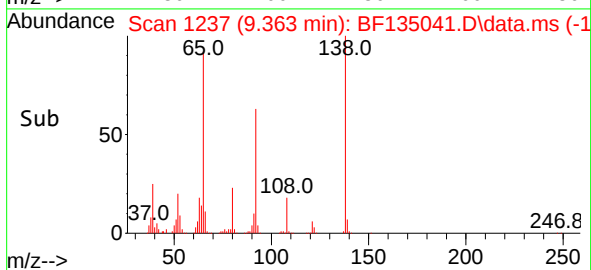
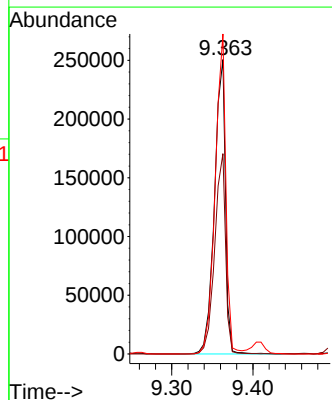
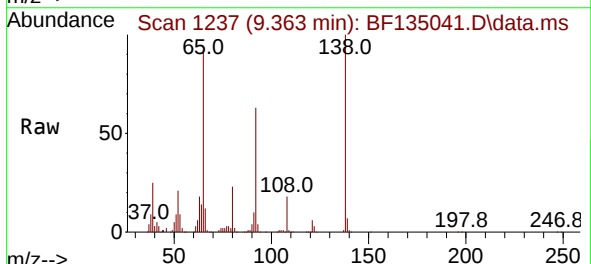
Instrument :
BNA_F
ClientSampleId :
PB155118BSD

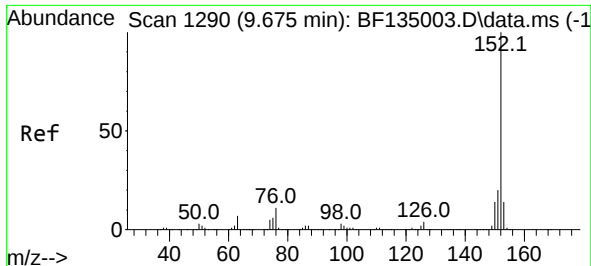
Tgt Ion:162 Resp: 690802
Ion Ratio Lower Upper
162 100
127 39.1 31.8 47.6
164 32.5 26.6 39.8



#48
2-Nitroaniline
Concen: 45.301 ng
RT: 9.363 min Scan# 1237
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

Tgt Ion: 65 Resp: 234838
Ion Ratio Lower Upper
65 100
92 68.0 54.9 82.3
138 108.7 91.6 137.4





#49

Acenaphthylene

Concen: 44.262 ng

RT: 9.675 min Scan# 1290

Delta R.T. 0.000 min

Lab File: BF135041.D

Acq: 31 Aug 2023 14:51

Instrument :

BNA_F

ClientSampleId :

PB155118BSD

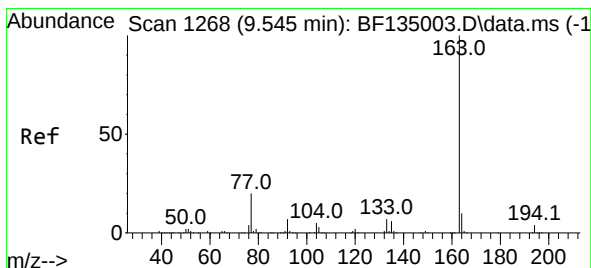
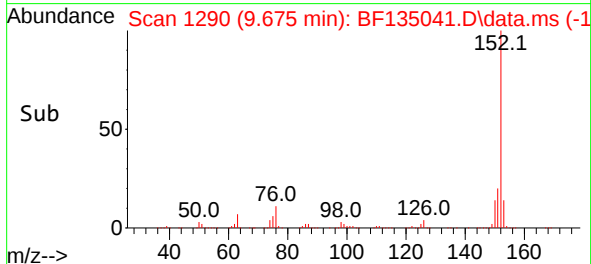
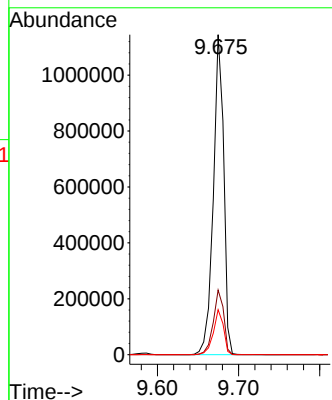
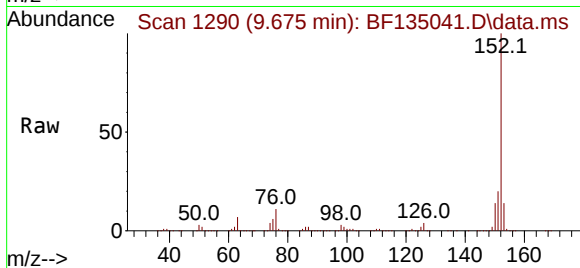
Tgt Ion:152 Resp: 1013242

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4

153 14.0 11.4 17.0



#50

Dimethylphthalate

Concen: 44.274 ng

RT: 9.545 min Scan# 1268

Delta R.T. 0.000 min

Lab File: BF135041.D

Acq: 31 Aug 2023 14:51

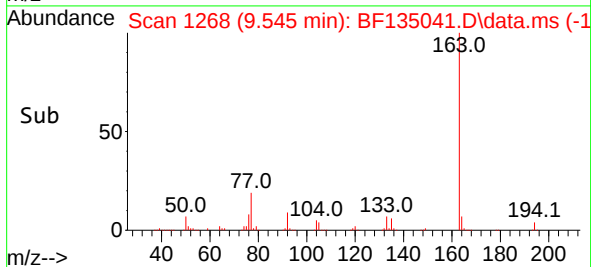
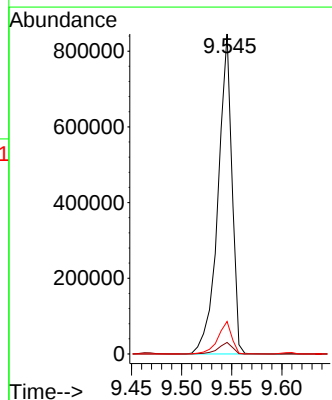
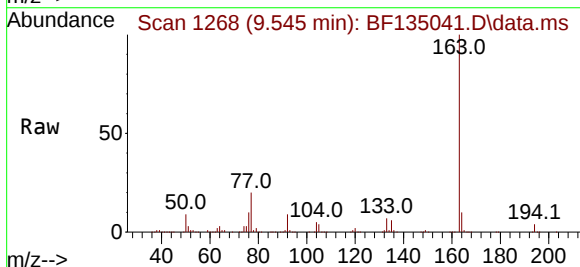
Tgt Ion:163 Resp: 817133

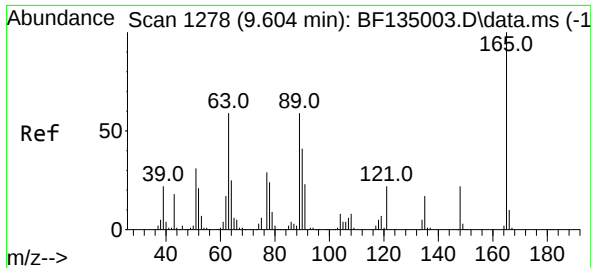
Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.6

164 10.1 8.1 12.1

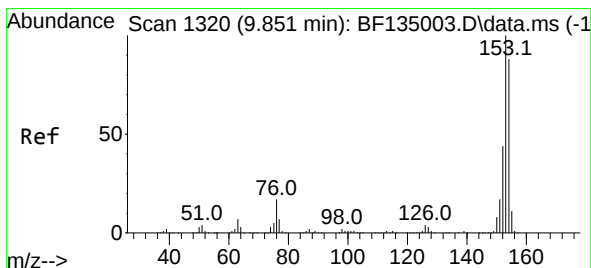
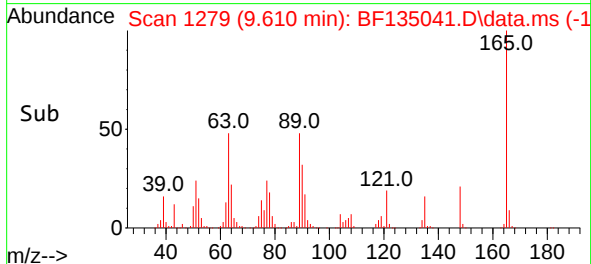
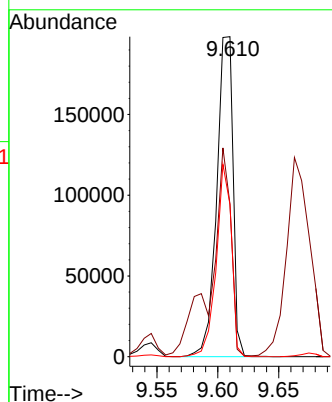
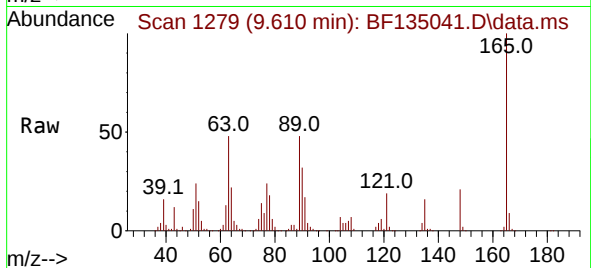




#51
2,6-Dinitrotoluene
Concen: 45.939 ng
RT: 9.610 min Scan# 1278
Delta R.T. 0.006 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

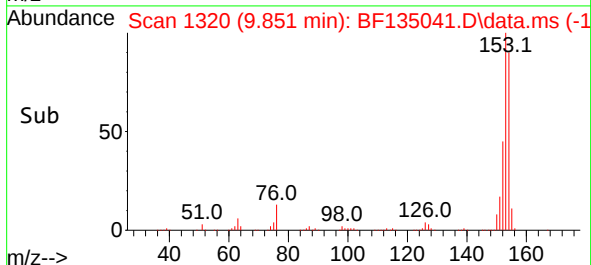
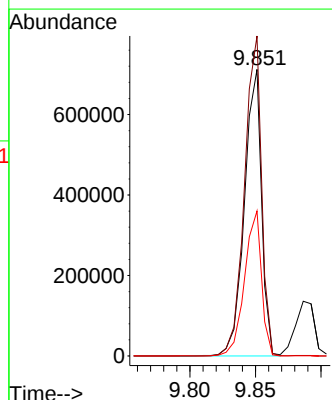
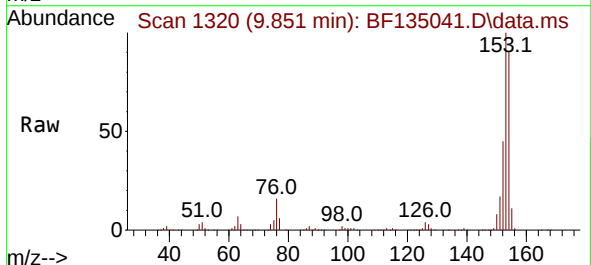
Instrument :
BNA_F
ClientSampleId :
PB155118BSD

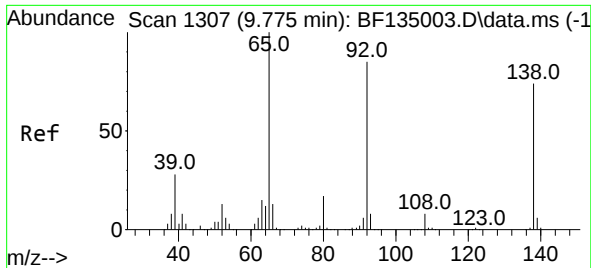
Tgt Ion:165 Resp: 186039
Ion Ratio Lower Upper
165 100
63 47.7 50.4 75.6#
89 47.6 47.1 70.7



#52
Acenaphthene
Concen: 44.524 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

Tgt Ion:154 Resp: 649528
Ion Ratio Lower Upper
154 100
153 111.7 90.8 136.2
152 50.6 40.2 60.4

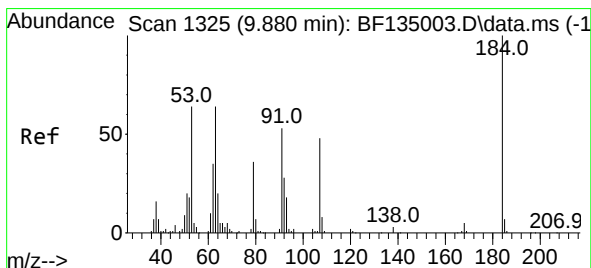
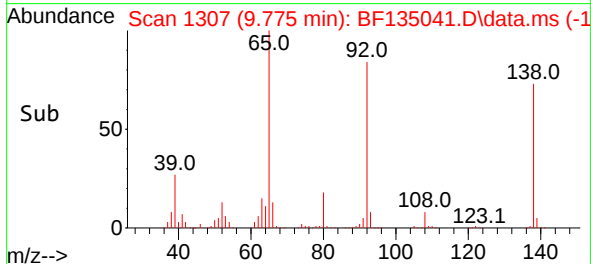
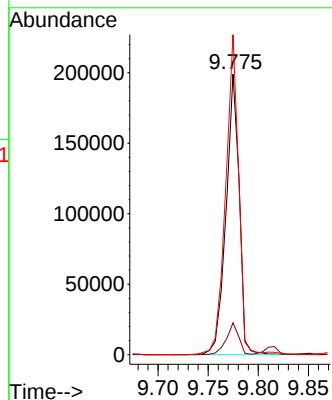
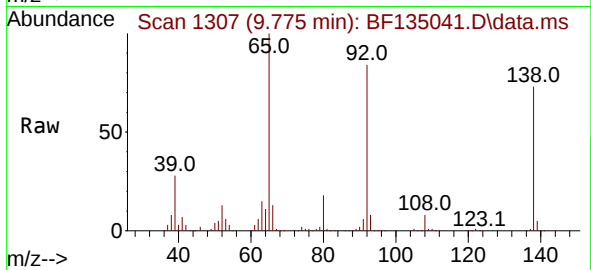




#53
3-Nitroaniline
Concen: 38.473 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

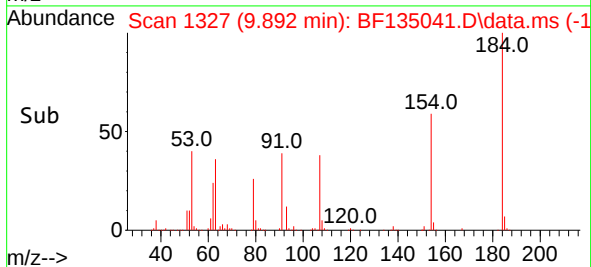
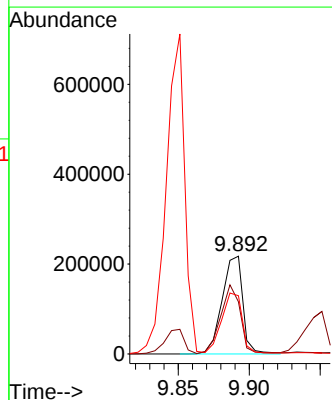
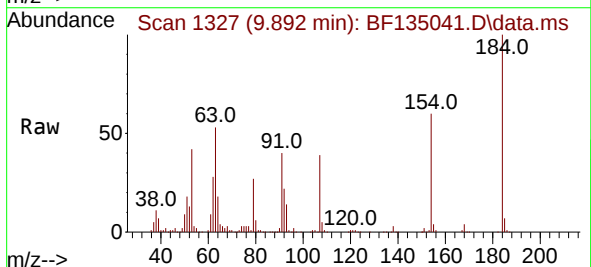
Instrument :
BNA_F
ClientSampleId :
PB155118BSD

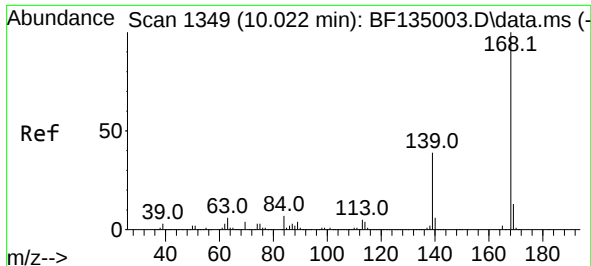
Tgt Ion:138 Resp: 181497
Ion Ratio Lower Upper
138 100
108 11.3 8.6 13.0
92 114.1 92.2 138.4



#54
2,4-Dinitrophenol
Concen: 114.112 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.012 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

Tgt Ion:184 Resp: 220862
Ion Ratio Lower Upper
184 100
63 53.4 62.2 93.2#
154 59.5 52.3 78.5

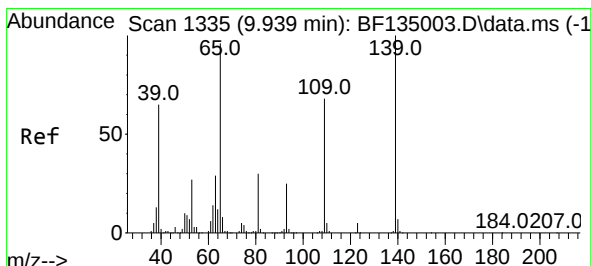
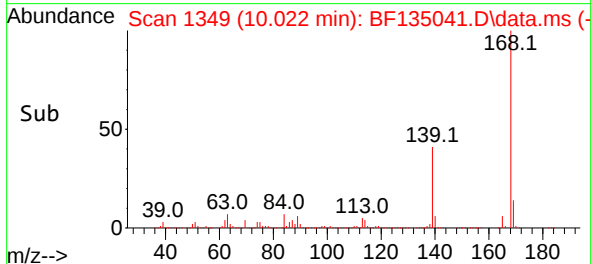
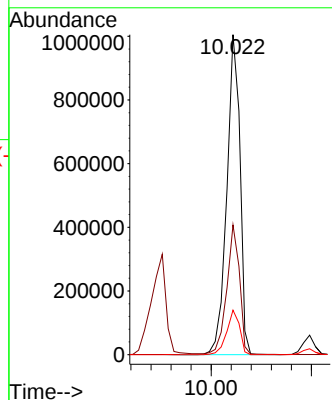
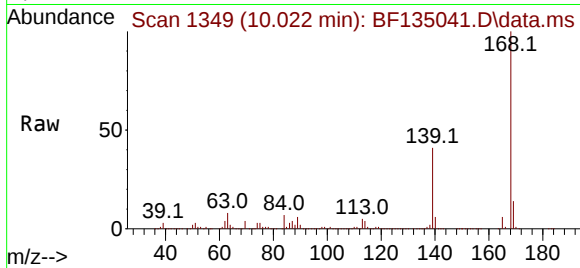




#55
Dibenzenofuran
Concen: 43.430 ng
RT: 10.022 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

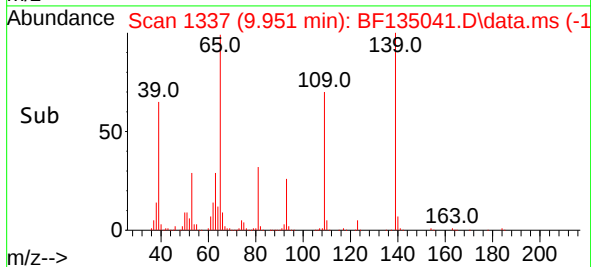
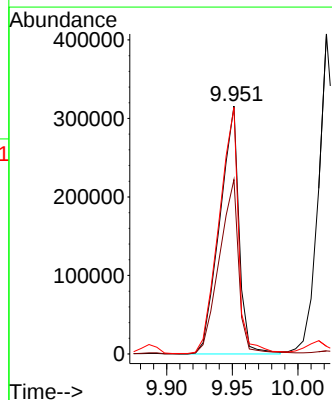
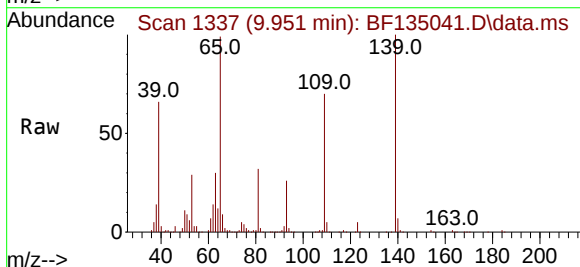
Instrument :
BNA_F
ClientSampleId :
PB155118BSD

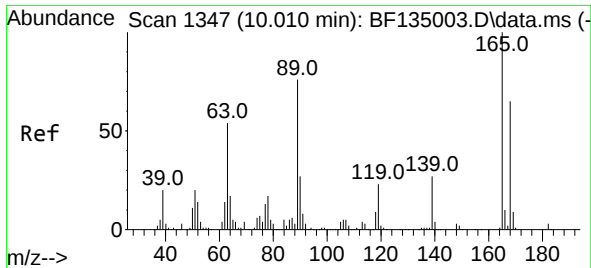
Tgt Ion:168 Resp: 913955
Ion Ratio Lower Upper
168 100
139 40.6 31.5 47.3
169 13.9 10.7 16.1



#56
4-Nitrophenol
Concen: 97.399 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.012 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

Tgt Ion:139 Resp: 322980
Ion Ratio Lower Upper
139 100
109 70.4 47.7 87.7
65 99.5 75.9 115.9

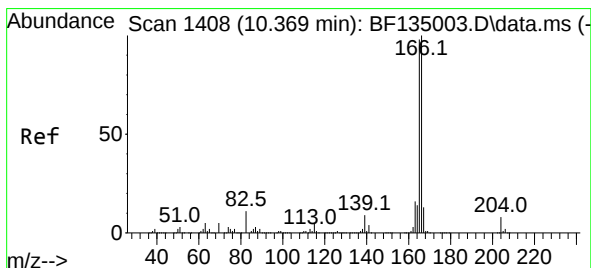
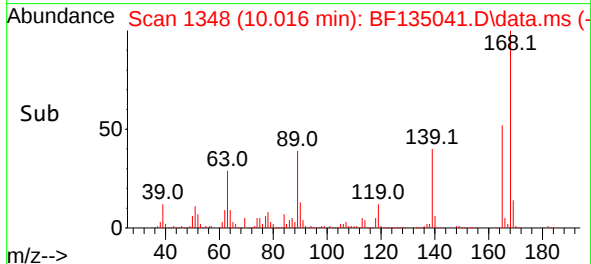
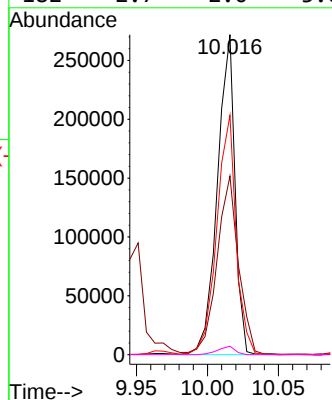
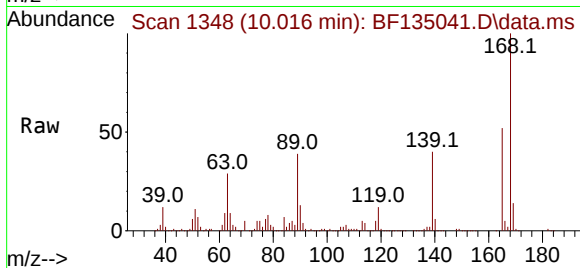




#57
2,4-Dinitrotoluene
Concen: 46.349 ng
RT: 10.016 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

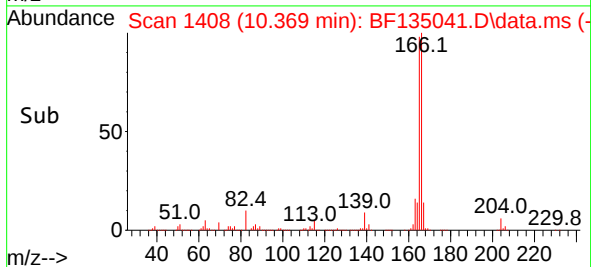
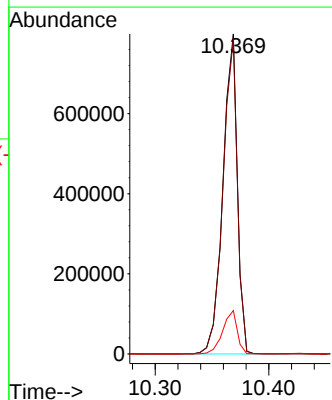
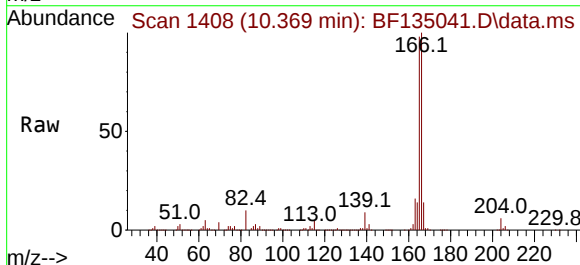
Instrument :
BNA_F
ClientSampleId :
PB155118BSD

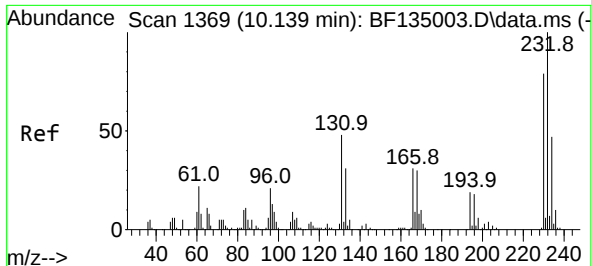
Tgt Ion:165 Resp: 233917
Ion Ratio Lower Upper
165 100
63 55.8 43.2 64.8
89 74.8 60.8 91.2
182 2.7 2.0 3.0



#58
Fluorene
Concen: 44.070 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

Tgt Ion:166 Resp: 707039
Ion Ratio Lower Upper
166 100
165 98.4 78.0 117.0
167 13.6 10.8 16.2

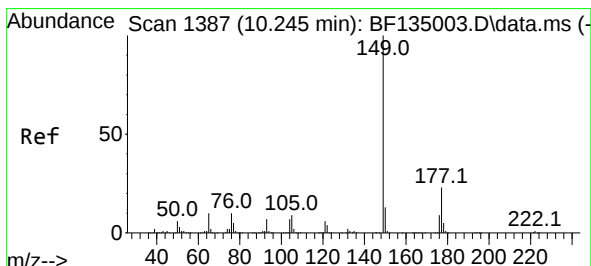
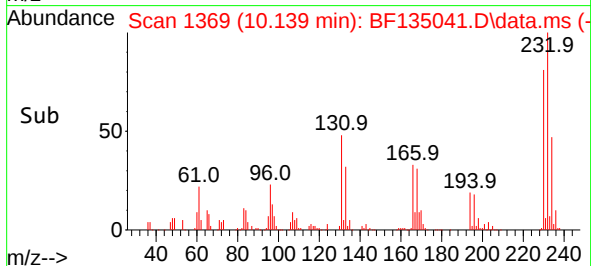
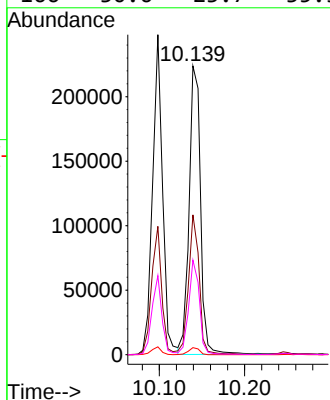
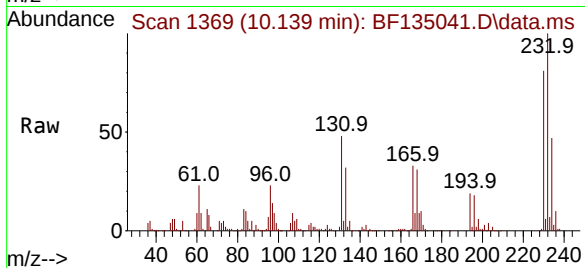




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.039 ng
RT: 10.139 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

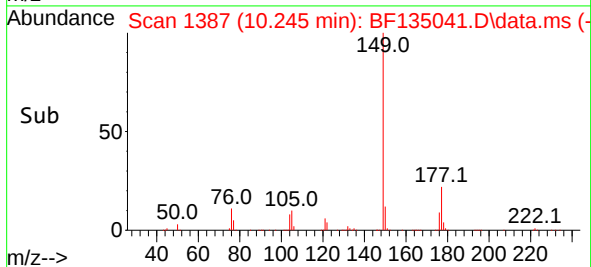
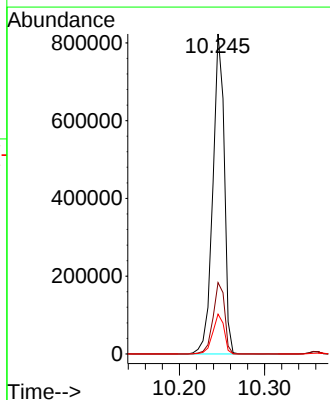
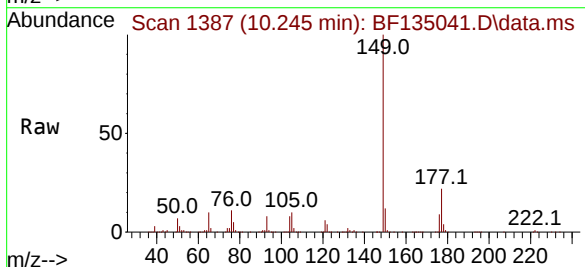
Instrument :
BNA_F
ClientSampleId :
PB155118BSD

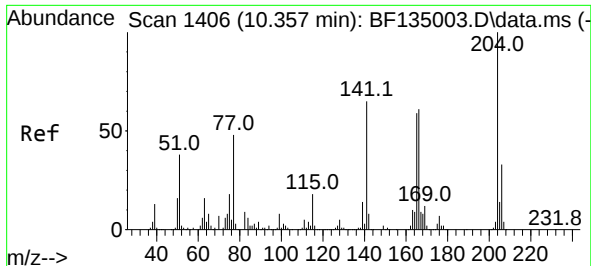
Tgt Ion:232 Resp: 207802
Ion Ratio Lower Upper
232 100
131 46.1 35.3 52.9
130 2.3 1.7 2.5
166 30.6 23.7 35.5



#60
Diethylphthalate
Concen: 44.229 ng
RT: 10.245 min Scan# 1387
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

Tgt Ion:149 Resp: 768412
Ion Ratio Lower Upper
149 100
177 22.3 18.5 27.7
150 12.5 10.1 15.1

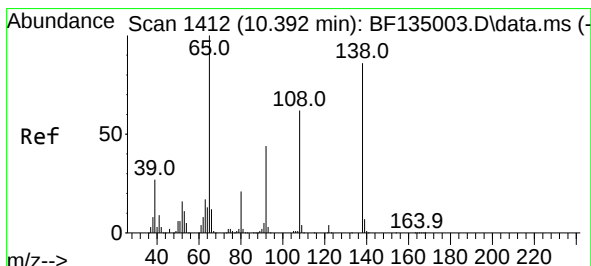
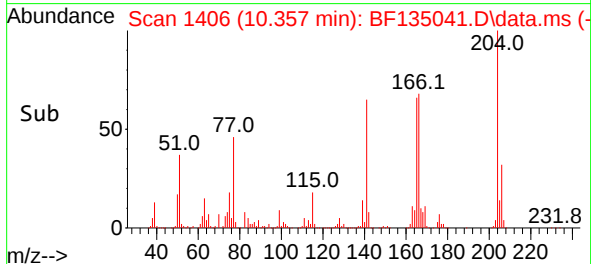
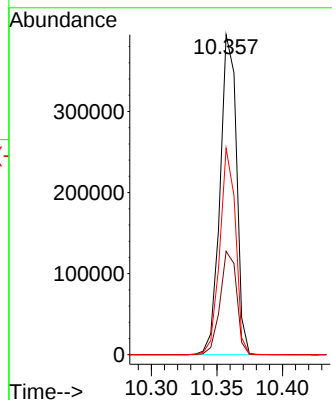
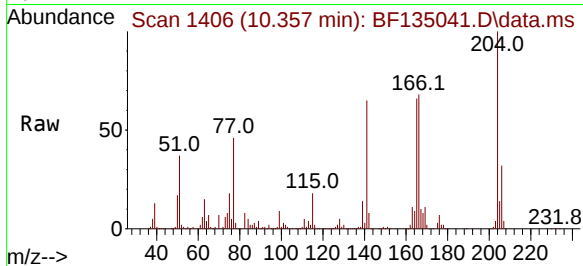




#61
4-Chlorophenyl-phenylether
Concen: 43.291 ng
RT: 10.357 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

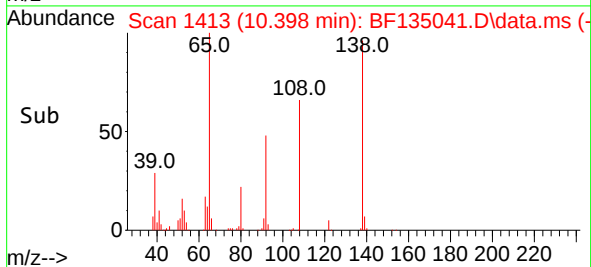
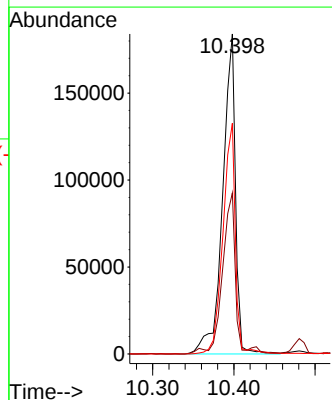
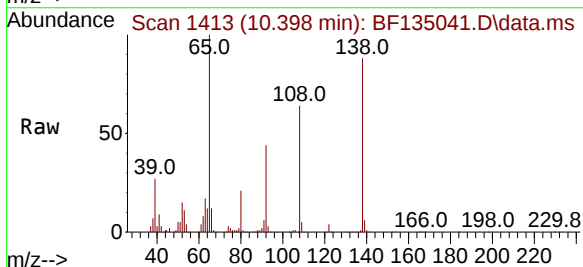
Instrument :
BNA_F
ClientSampleId :
PB155118BSD

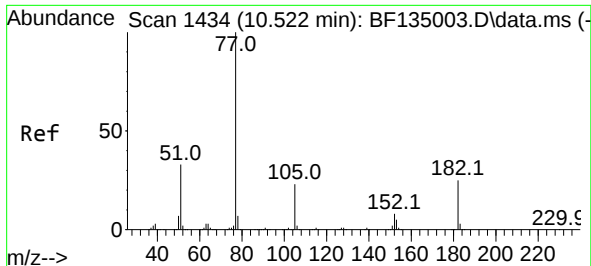
Tgt Ion:204 Resp: 343548
Ion Ratio Lower Upper
204 100
206 32.3 26.3 39.5
141 64.5 51.8 77.6



#62
4-Nitroaniline
Concen: 44.019 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.006 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

Tgt Ion:138 Resp: 203189
Ion Ratio Lower Upper
138 100
92 50.3 30.7 70.7
108 72.1 51.7 91.7

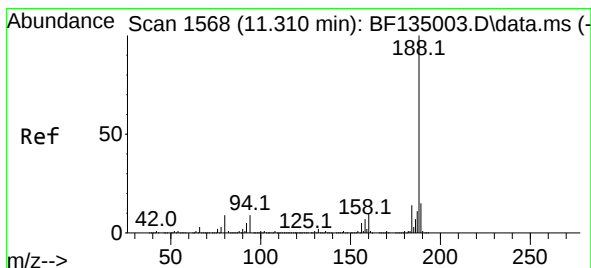
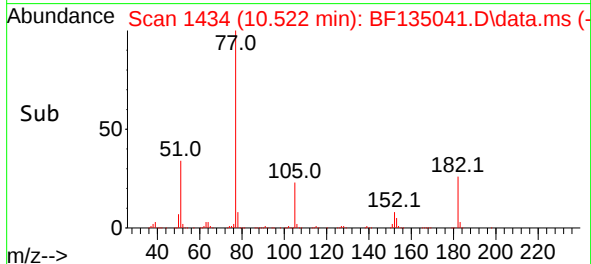
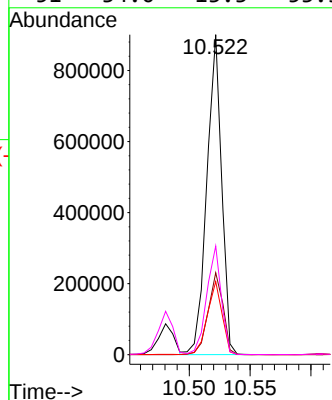
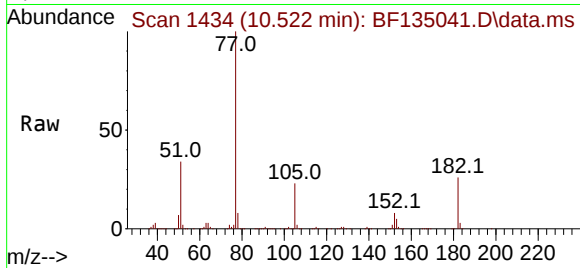




#63
Azobenzene
Concen: 43.417 ng
RT: 10.522 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

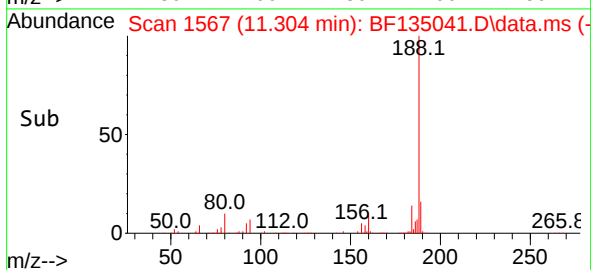
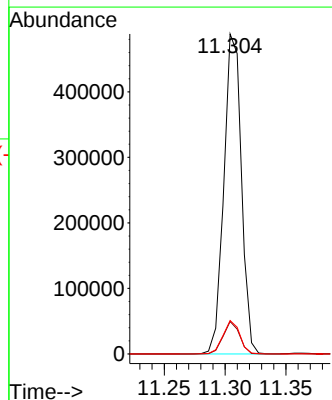
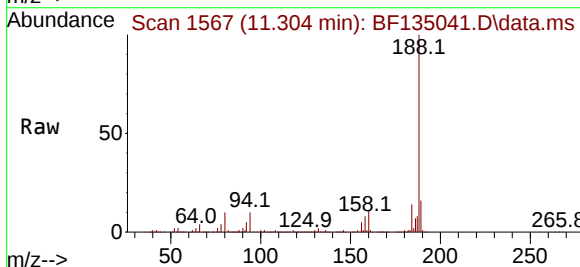
Instrument :
BNA_F
ClientSampleId :
PB155118BSD

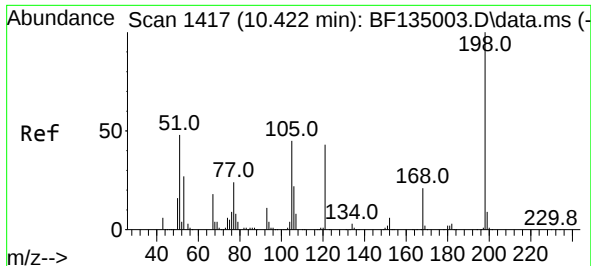
Tgt Ion:	77	Resp:	759504
Ion	Ratio	Lower	Upper
77	100		
182	25.6	4.9	44.9
105	22.8	2.7	42.7
51	34.0	13.3	53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

Tgt Ion:	188	Resp:	490053
Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.0	10.4
80	10.4	7.4	11.2

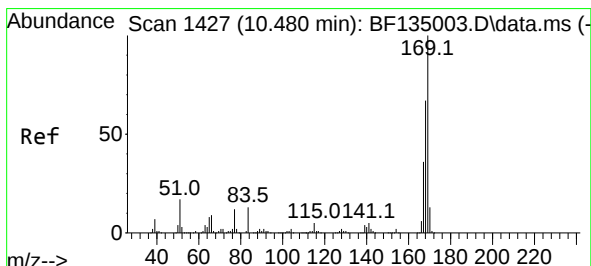
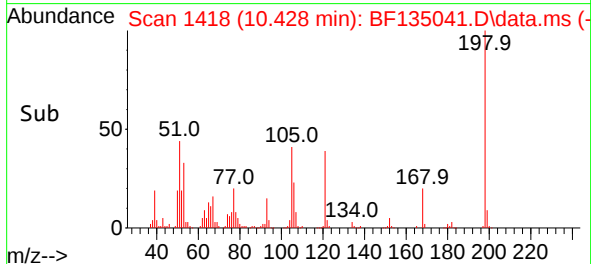
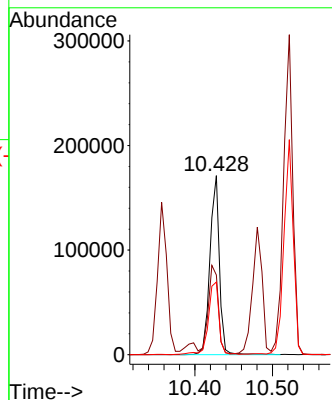
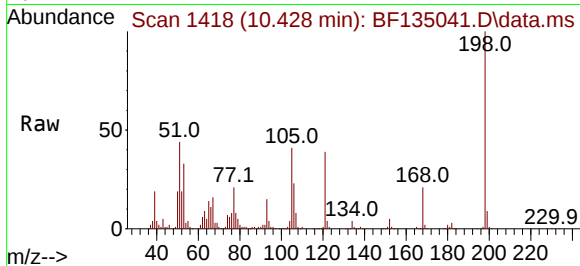




#65
4,6-Dinitro-2-methylphenol
Concen: 48.889 ng
RT: 10.428 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

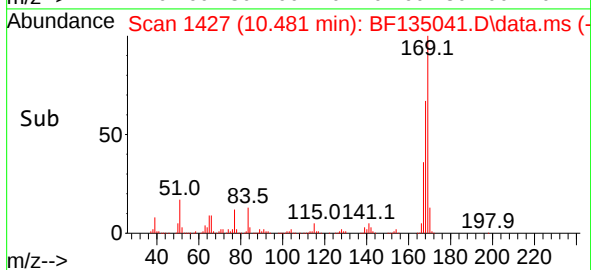
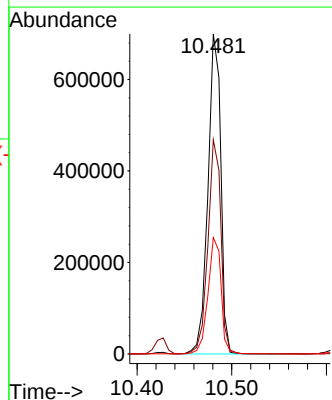
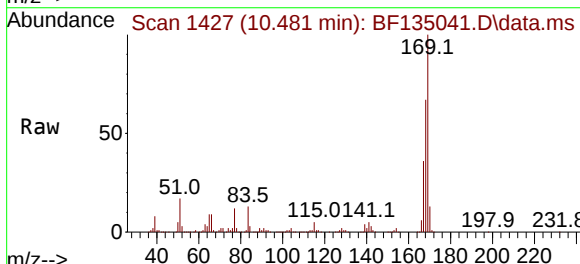
Instrument :
BNA_F
ClientSampleId :
PB155118BSD

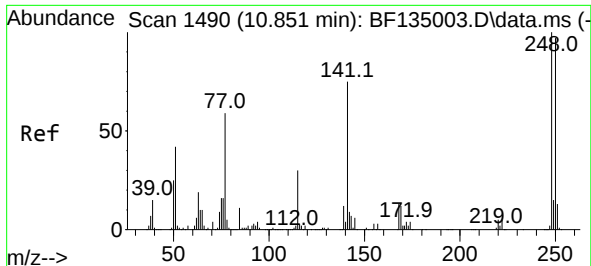
Tgt Ion:198 Resp: 145001
Ion Ratio Lower Upper
198 100
51 44.5 35.7 75.7
105 40.6 25.9 65.9



#66
n-Nitrosodiphenylamine
Concen: 43.133 ng
RT: 10.481 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

Tgt Ion:169 Resp: 657239
Ion Ratio Lower Upper
169 100
168 66.9 53.4 80.0
167 36.3 29.0 43.4

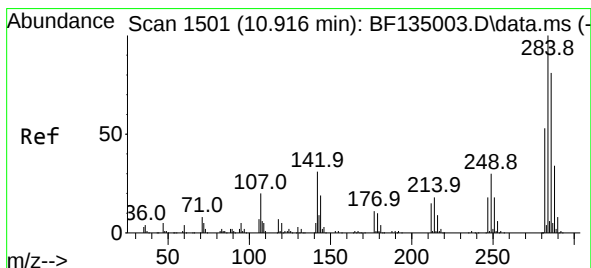
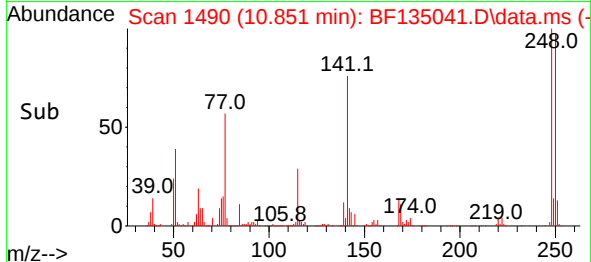
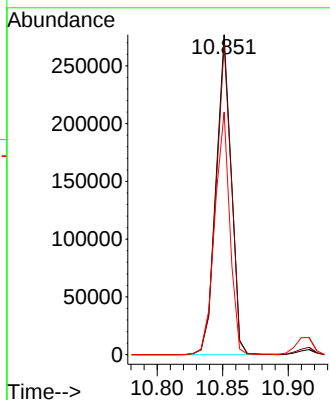
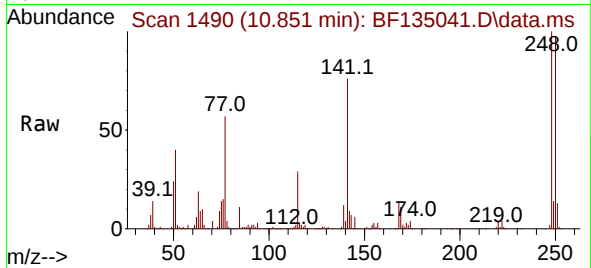




#67
4-Bromophenyl-phenylether
Concen: 43.069 ng
RT: 10.851 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

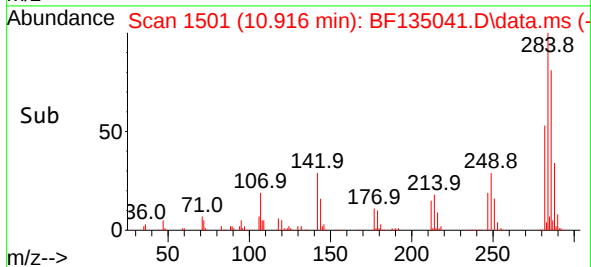
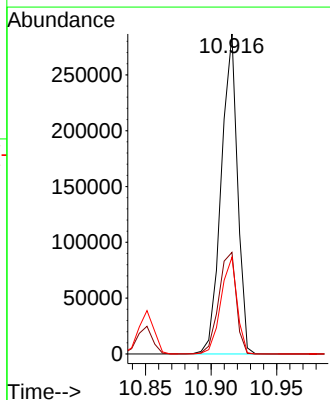
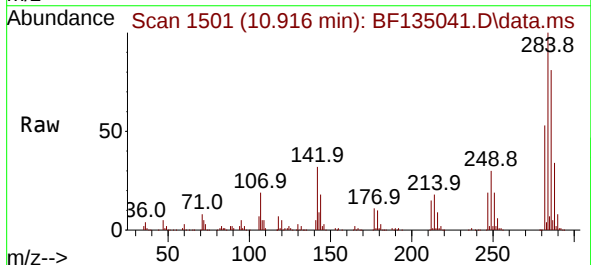
Instrument :
BNA_F
ClientSampleId :
PB155118BSD

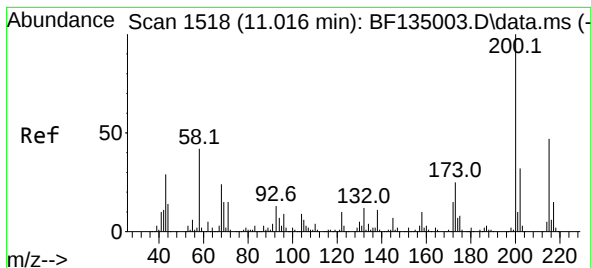
Tgt Ion:248 Resp: 223864
Ion Ratio Lower Upper
248 100
250 97.0 77.9 116.9
141 75.8 59.8 89.8



#68
Hexachlorobenzene
Concen: 46.003 ng
RT: 10.916 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

Tgt Ion:284 Resp: 247247
Ion Ratio Lower Upper
284 100
142 31.8 25.1 37.7
249 30.2 24.1 36.1





#69

Atrazine

Concen: Below Cal

RT: 11.016 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF135041.D

Acq: 31 Aug 2023 14:51

Instrument :

BNA_F

ClientSampleId :

PB155118BSD

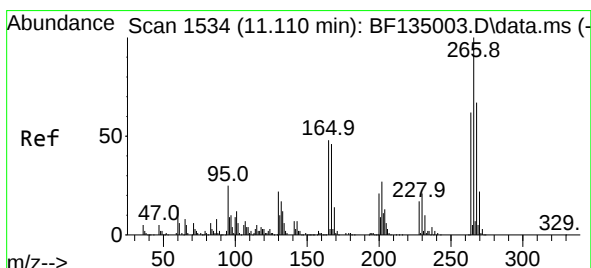
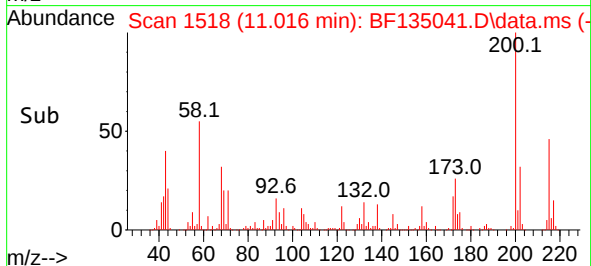
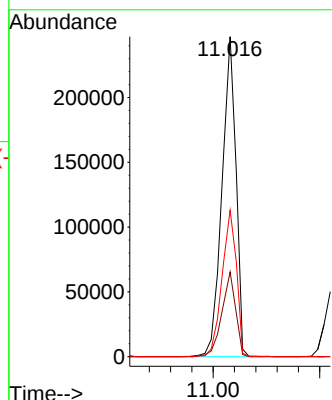
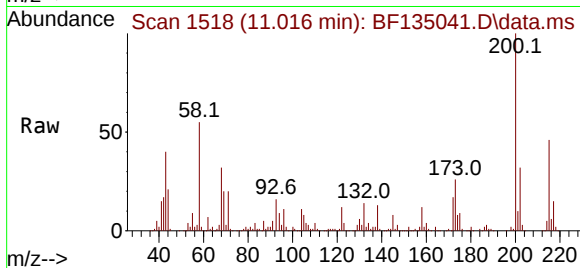
Tgt Ion:200 Resp: 224343

Ion Ratio Lower Upper

200 100

173 26.5 5.0 45.0

215 45.8 26.9 66.9



#70

Pentachlorophenol

Concen: 82.404 ng

RT: 11.116 min Scan# 1535

Delta R.T. 0.006 min

Lab File: BF135041.D

Acq: 31 Aug 2023 14:51

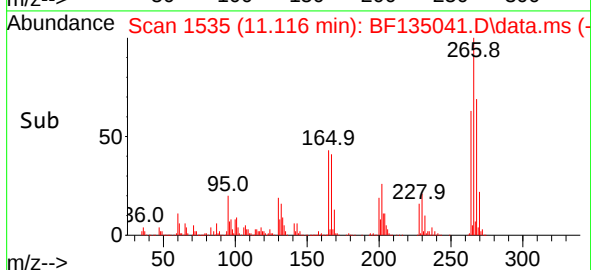
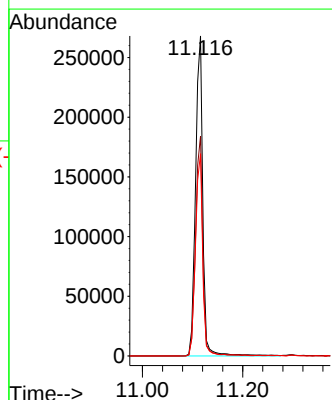
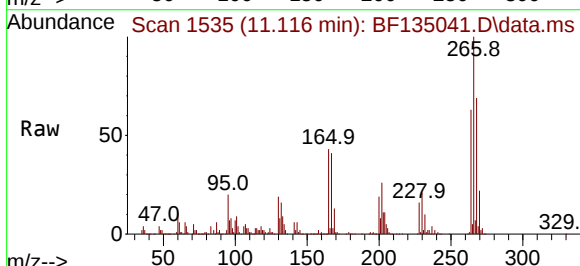
Tgt Ion:266 Resp: 267943

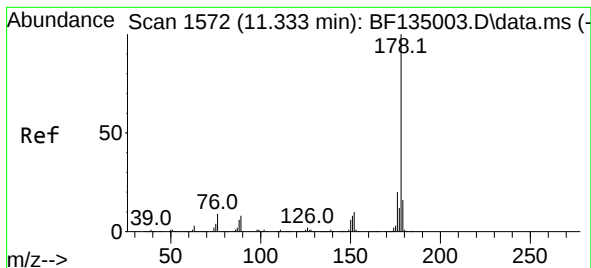
Ion Ratio Lower Upper

266 100

268 68.7 53.3 79.9

264 63.2 49.3 73.9





#71

Phenanthrene

Concen: 44.182 ng

RT: 11.333 min Scan# 1572

Delta R.T. 0.000 min

Lab File: BF135041.D

Acq: 31 Aug 2023 14:51

Instrument :

BNA_F

ClientSampleId :

PB155118BSD

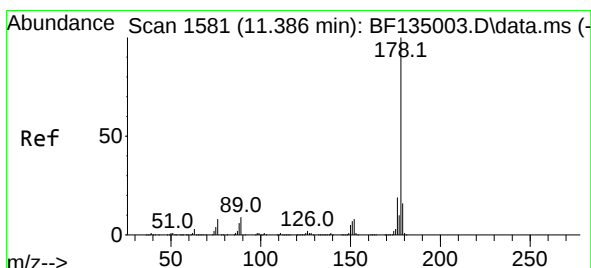
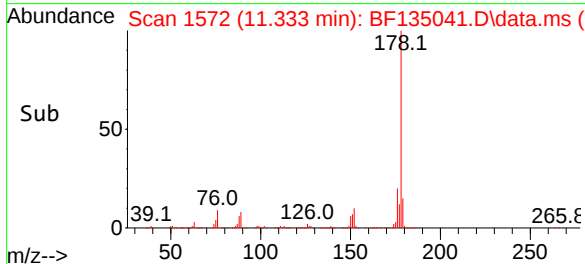
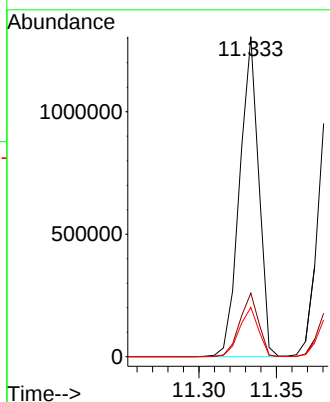
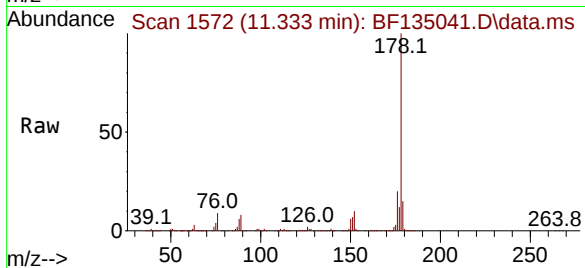
Tgt Ion:178 Resp: 1117019

Ion Ratio Lower Upper

178 100

176 19.8 15.9 23.9

179 15.4 12.5 18.7



#72

Anthracene

Concen: 43.937 ng

RT: 11.386 min Scan# 1581

Delta R.T. 0.000 min

Lab File: BF135041.D

Acq: 31 Aug 2023 14:51

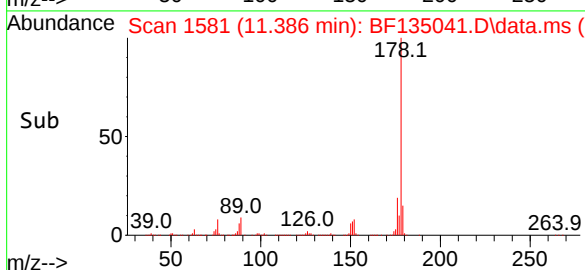
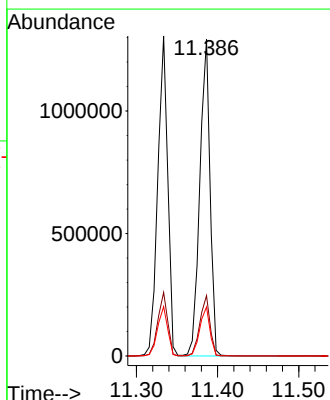
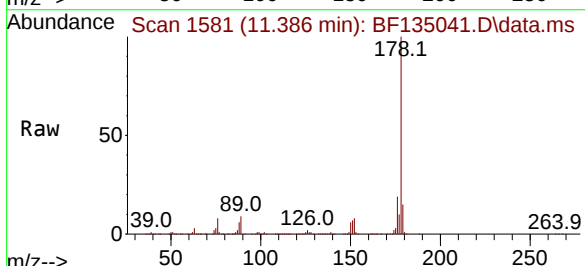
Tgt Ion:178 Resp: 1134930

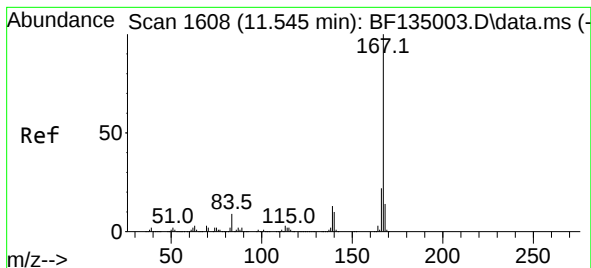
Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

179 15.4 12.8 19.2





#73

Carbazole

Concen: 45.482 ng

RT: 11.545 min Scan# 1608

Delta R.T. 0.000 min

Lab File: BF135041.D

Acq: 31 Aug 2023 14:51

Instrument :

BNA_F

ClientSampleId :

PB155118BSD

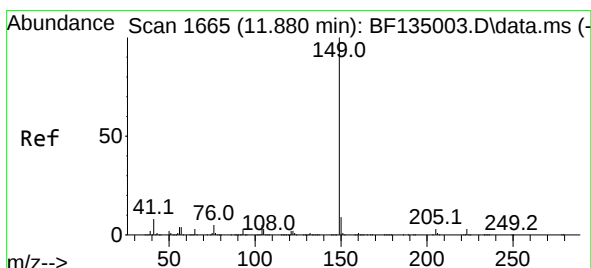
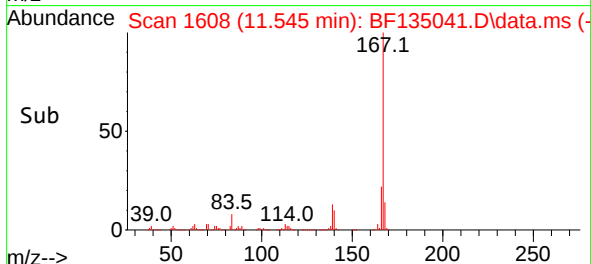
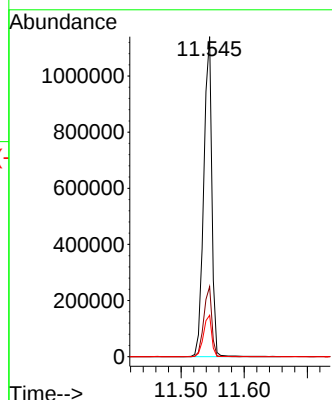
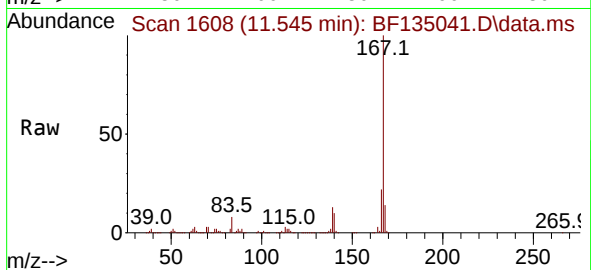
Tgt Ion:167 Resp: 1013319

Ion Ratio Lower Upper

167 100

166 21.9 17.4 26.2

139 13.0 10.3 15.5



#74

Di-n-butylphthalate

Concen: 43.537 ng

RT: 11.880 min Scan# 1665

Delta R.T. 0.000 min

Lab File: BF135041.D

Acq: 31 Aug 2023 14:51

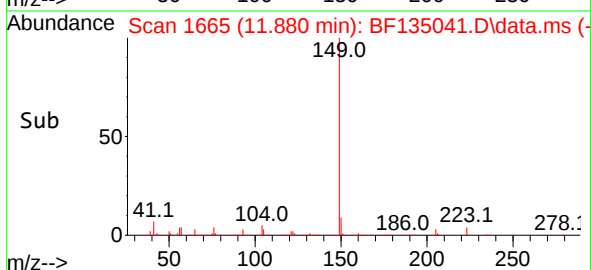
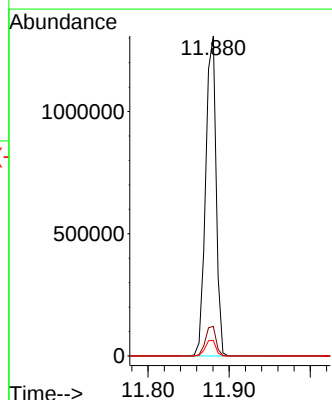
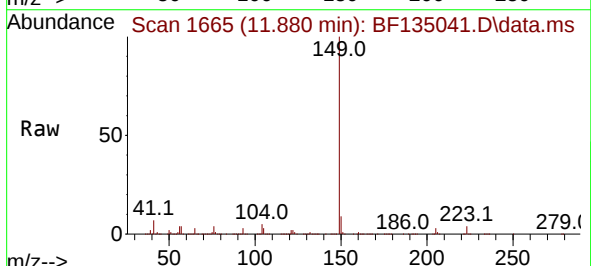
Tgt Ion:149 Resp: 1169284

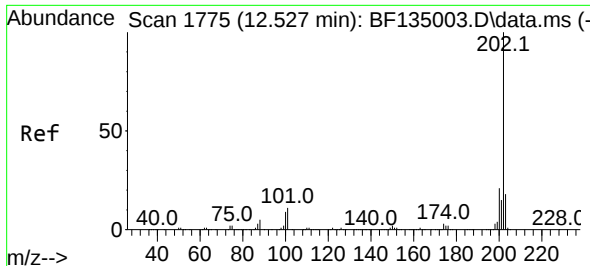
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 4.9 4.0 6.0

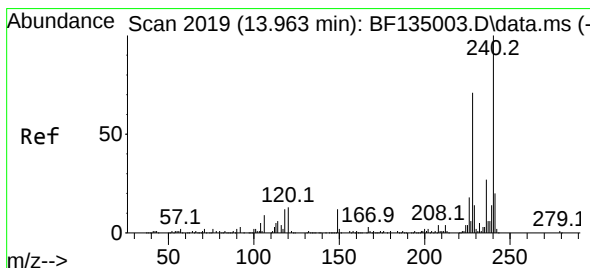
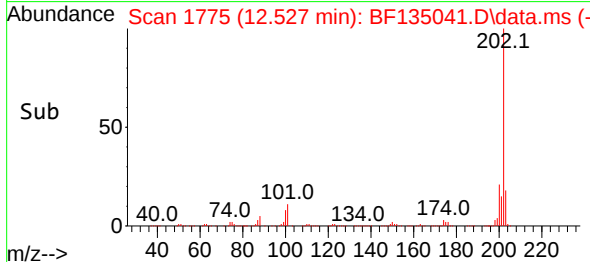
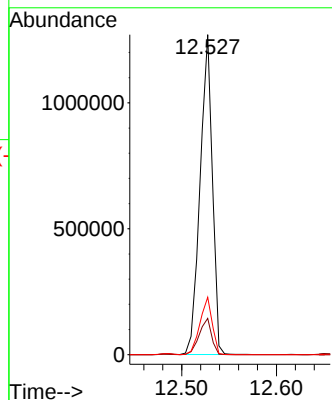
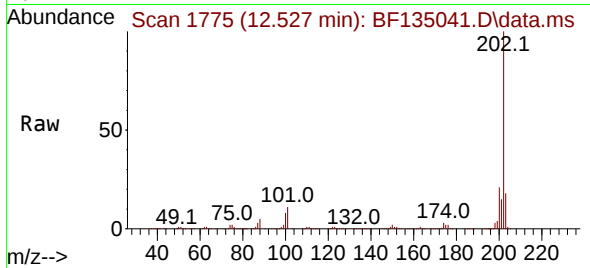




#75
Fluoranthene
Concen: 45.067 ng
RT: 12.527 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

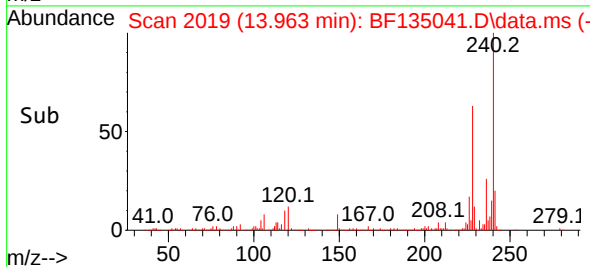
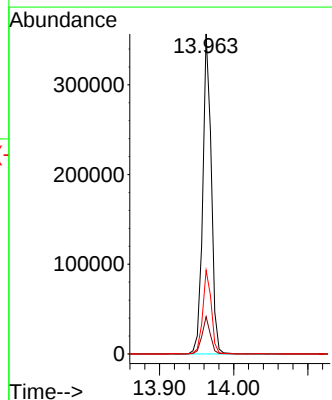
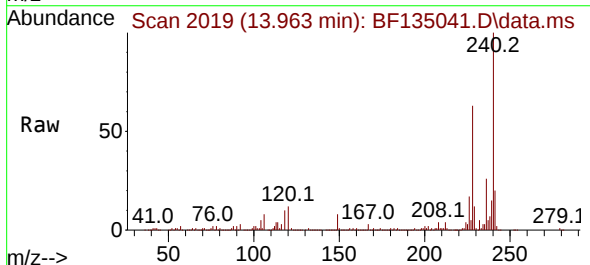
Instrument :
BNA_F
ClientSampleId :
PB155118BSD

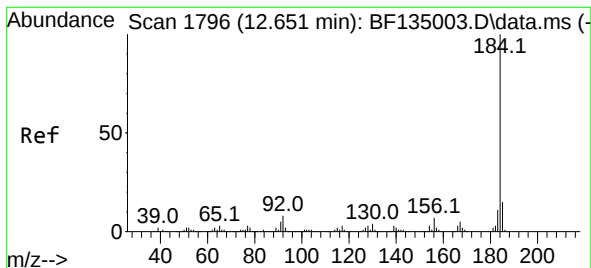
Tgt Ion:202 Resp: 1151968
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.5
203 17.9 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

Tgt Ion:240 Resp: 284764
Ion Ratio Lower Upper
240 100
120 11.7 10.2 15.2
236 26.2 21.3 31.9





#77

Benzidine

Concen: 113.434 ng

RT: 12.657 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF135041.D

Acq: 31 Aug 2023 14:51

Instrument :

BNA_F

ClientSampleId :

PB155118BSD

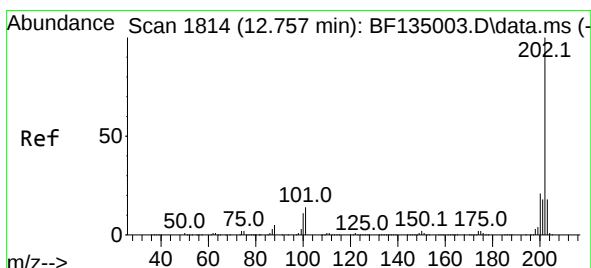
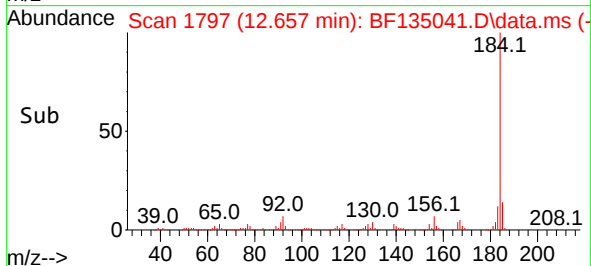
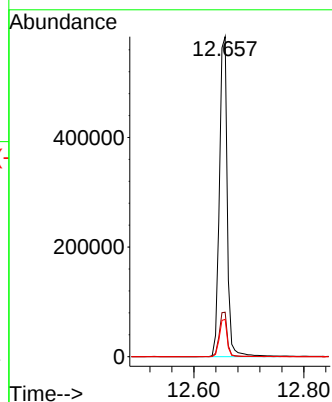
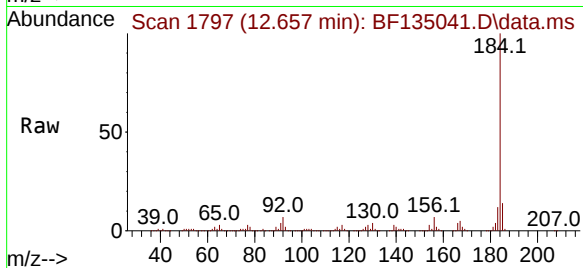
Tgt Ion:184 Resp: 582287

Ion Ratio Lower Upper

184 100

185 13.9 12.0 18.0

183 11.6 9.0 13.6



#78

Pyrene

Concen: 43.485 ng

RT: 12.757 min Scan# 1814

Delta R.T. -0.000 min

Lab File: BF135041.D

Acq: 31 Aug 2023 14:51

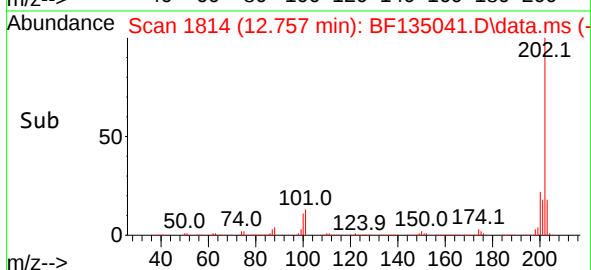
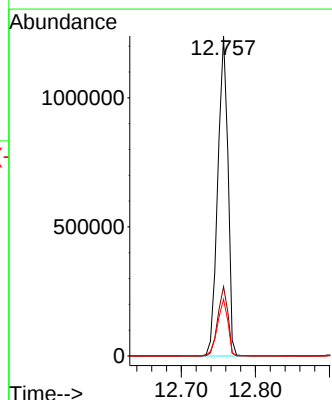
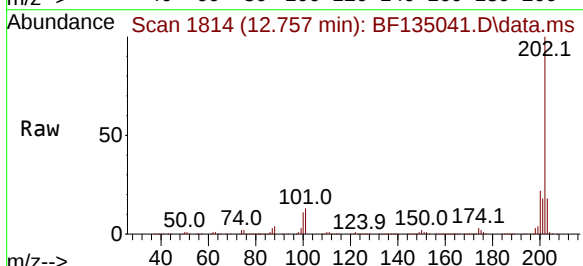
Tgt Ion:202 Resp: 1175711

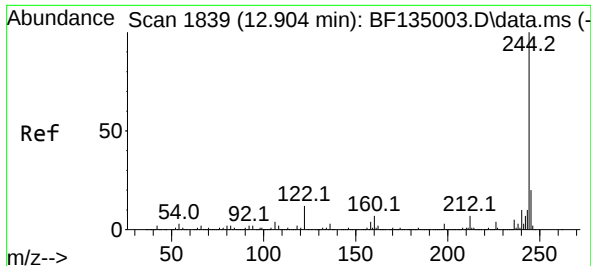
Ion Ratio Lower Upper

202 100

200 21.7 17.0 25.6

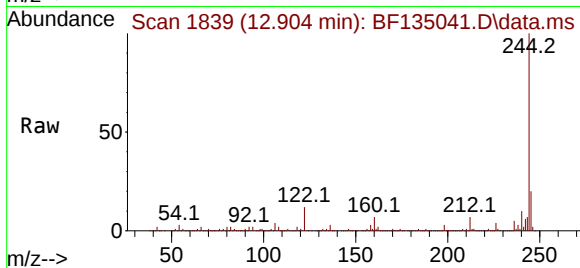
203 17.7 14.2 21.2





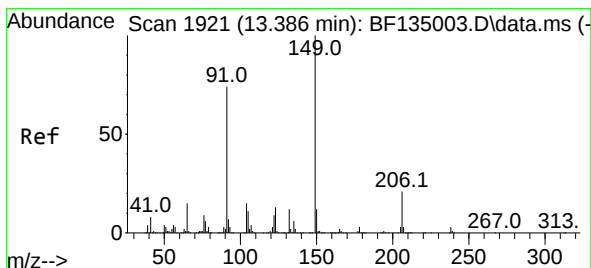
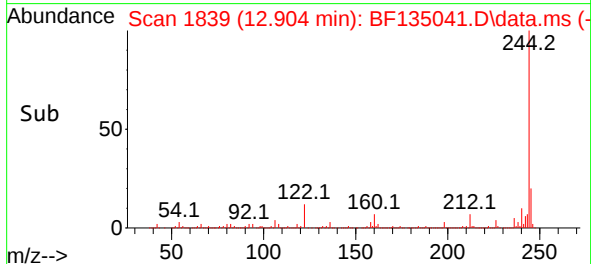
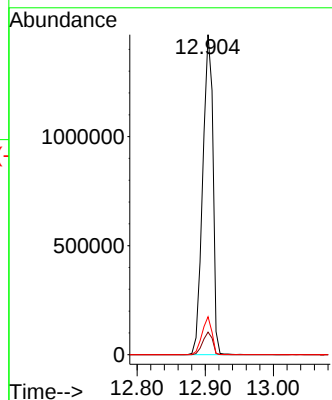
#79
 Terphenyl-d14
 Concen: 87.679 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. 0.000 min
 Lab File: BF135041.D
 Acq: 31 Aug 2023 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB155118BSD



Tgt Ion:244 Resp: 1529984

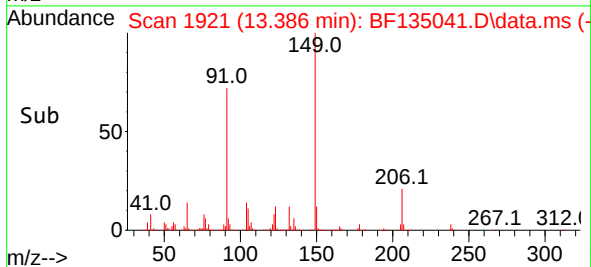
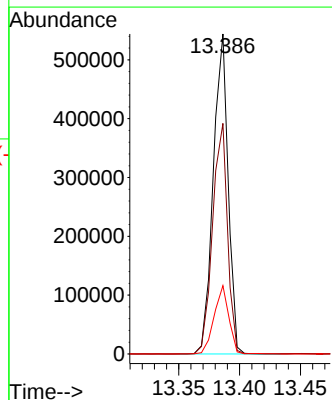
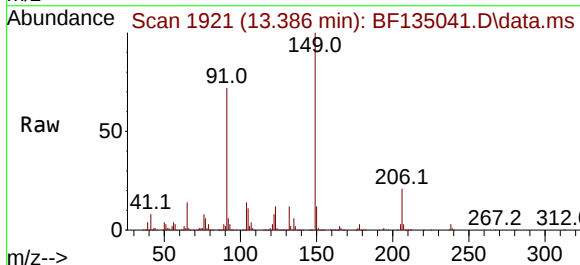
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	11.8	9.8	14.6

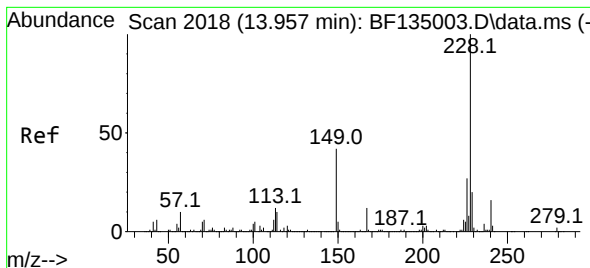


#80
 Butylbenzylphthalate
 Concen: 47.203 ng
 RT: 13.386 min Scan# 1921
 Delta R.T. 0.000 min
 Lab File: BF135041.D
 Acq: 31 Aug 2023 14:51

Tgt Ion:149 Resp: 461046

Ion	Ratio	Lower	Upper
149	100		
91	72.1	59.0	88.6
206	21.3	16.7	25.1





#81

Benzo(a)anthracene

Concen: 43.588 ng

RT: 13.951 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF135041.D

Acq: 31 Aug 2023 14:51

Instrument :

BNA_F

ClientSampleId :

PB155118BSD

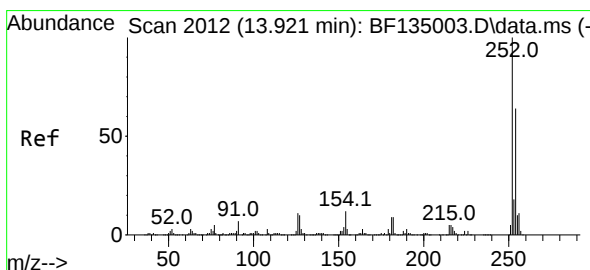
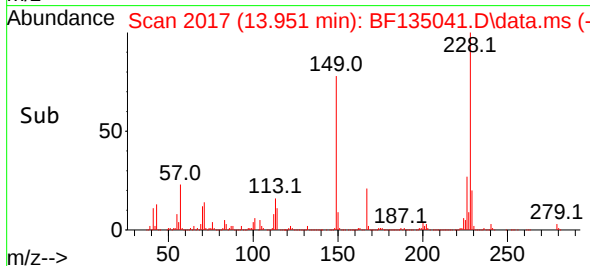
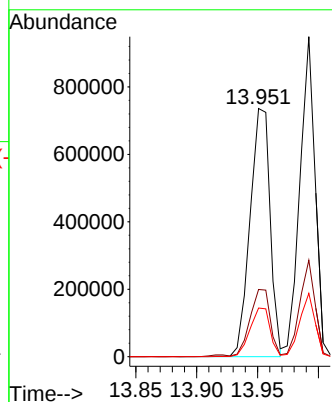
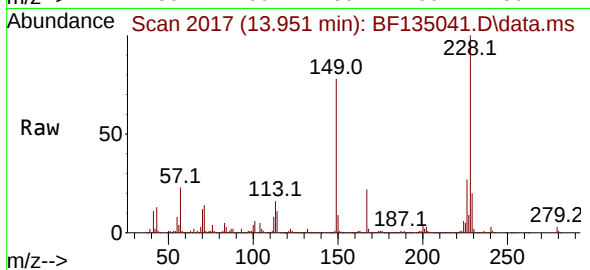
Tgt Ion:228 Resp: 846694

Ion Ratio Lower Upper

228 100

226 27.1 21.6 32.4

229 19.6 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 49.255 ng

RT: 13.922 min Scan# 2012

Delta R.T. 0.000 min

Lab File: BF135041.D

Acq: 31 Aug 2023 14:51

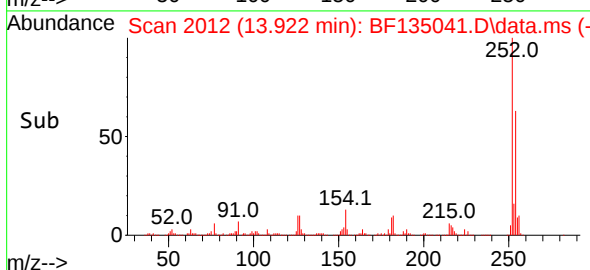
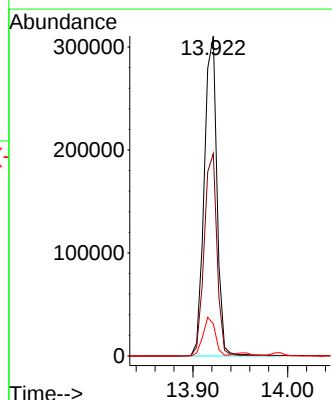
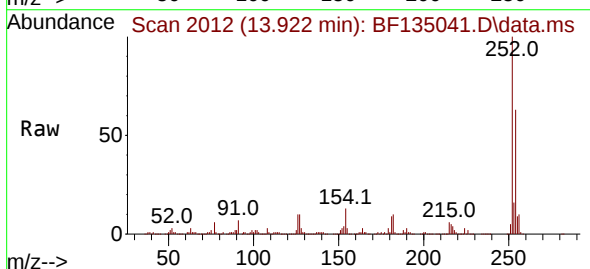
Tgt Ion:252 Resp: 288704

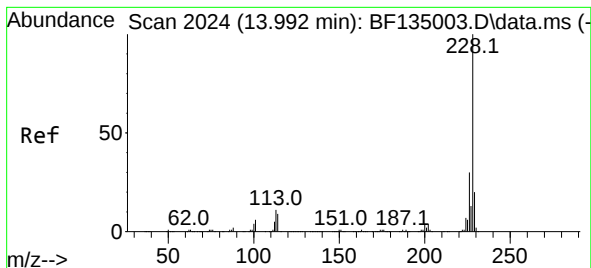
Ion Ratio Lower Upper

252 100

254 63.2 51.3 76.9

126 10.1 8.6 12.8





#83

Chrysene

Concen: 43.544 ng

RT: 13.992 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF135041.D

Acq: 31 Aug 2023 14:51

Instrument :

BNA_F

ClientSampleId :

PB155118BSD

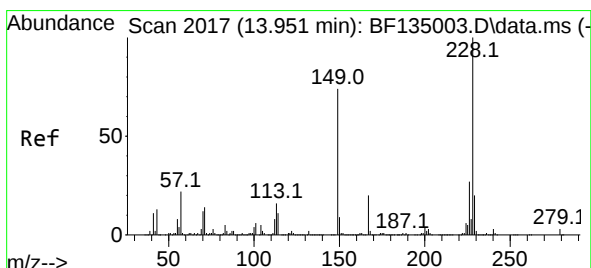
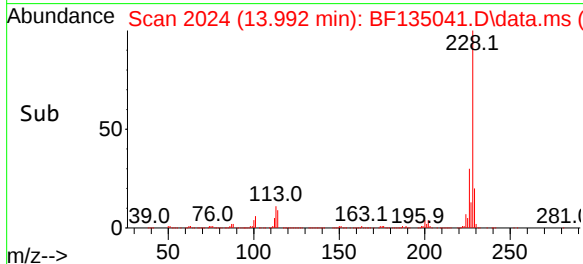
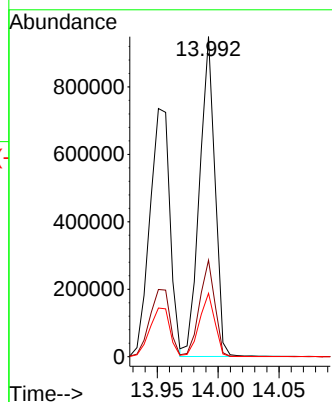
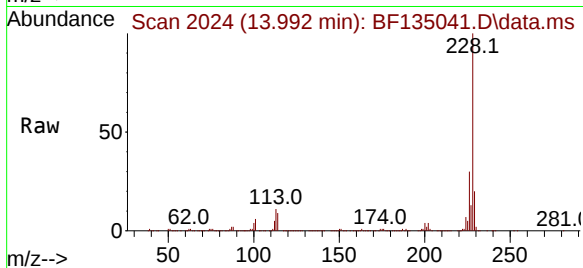
Tgt Ion:228 Resp: 831249

Ion Ratio Lower Upper

228 100

226 30.1 24.2 36.4

229 19.8 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.329 ng

RT: 13.951 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF135041.D

Acq: 31 Aug 2023 14:51

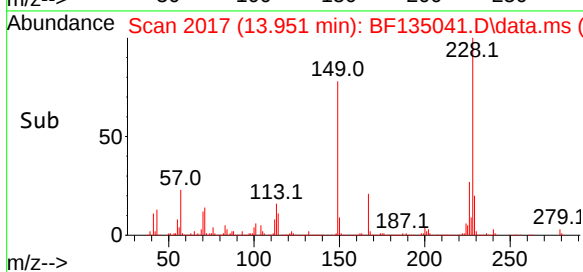
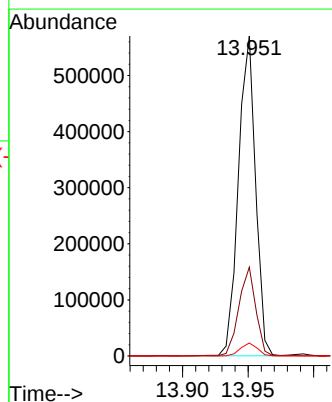
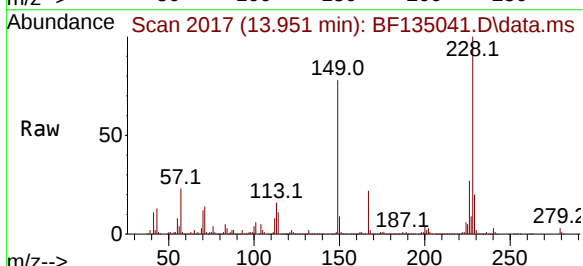
Tgt Ion:149 Resp: 518844

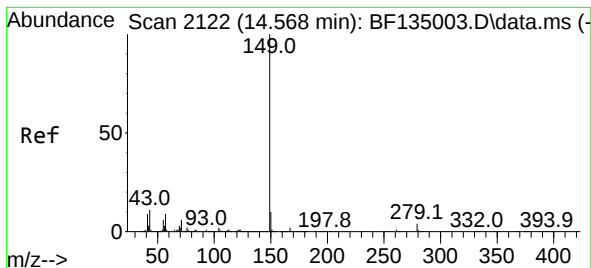
Ion Ratio Lower Upper

149 100

167 27.8 21.4 32.0

279 4.0 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 51.544 ng

RT: 14.569 min Scan# 2122

Delta R.T. 0.000 min

Lab File: BF135041.D

Acq: 31 Aug 2023 14:51

Instrument :

BNA_F

ClientSampleId :

PB155118BSD

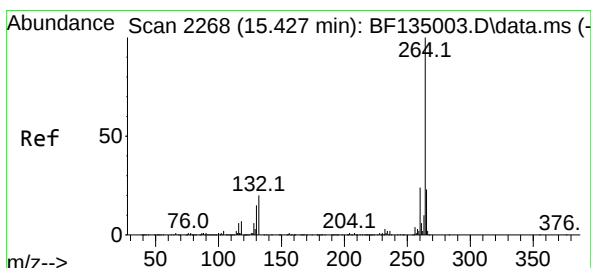
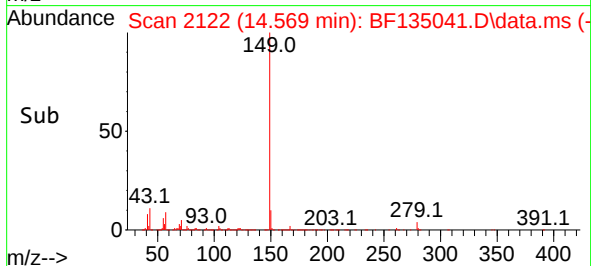
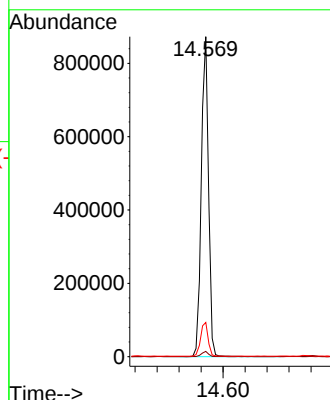
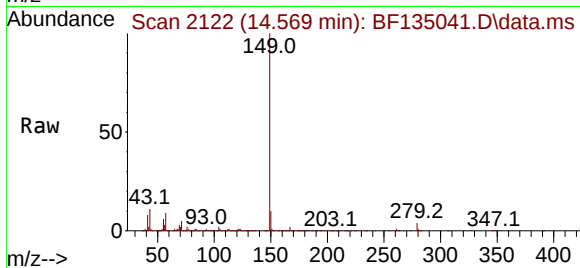
Tgt Ion:149 Resp: 795254

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 11.1 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: BF135041.D

Acq: 31 Aug 2023 14:51

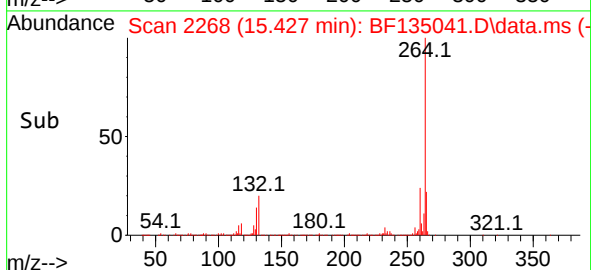
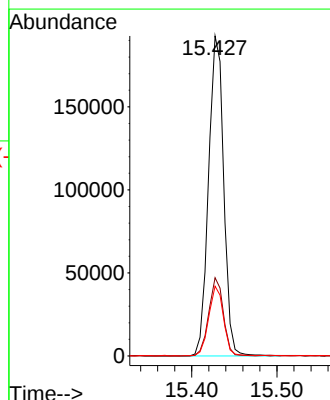
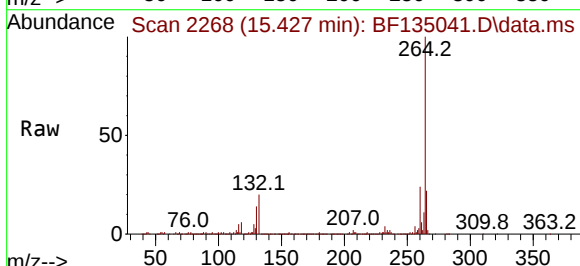
Tgt Ion:264 Resp: 238130

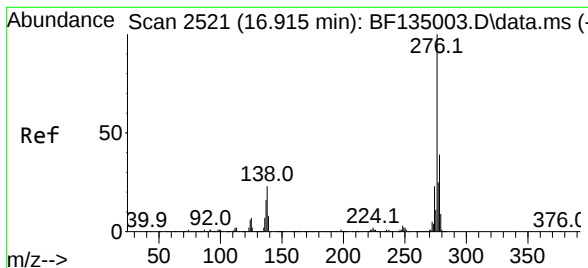
Ion Ratio Lower Upper

264 100

260 24.4 19.0 28.6

265 21.8 18.2 27.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.395 ng

RT: 16.915 min Scan# 2196

Delta R.T. 0.000 min

Lab File: BF135041.D

Acq: 31 Aug 2023 14:51

Instrument :

BNA_F

ClientSampleId :

PB155118BSD

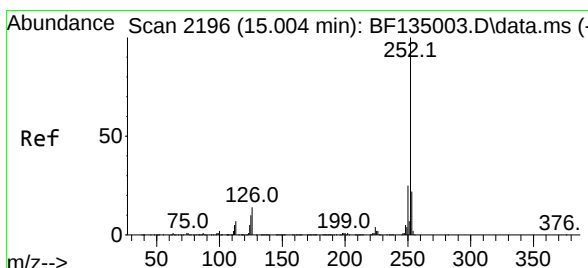
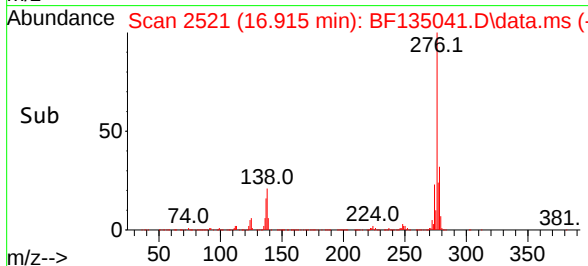
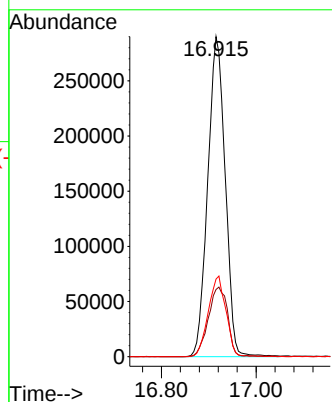
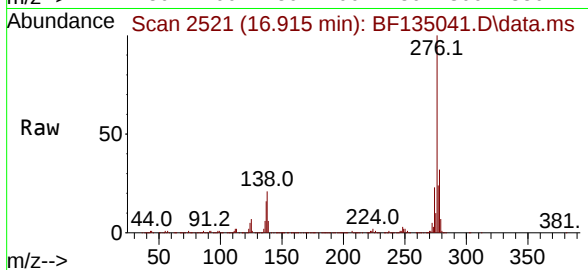
Tgt Ion:276 Resp: 744158

Ion Ratio Lower Upper

276 100

138 23.8 20.2 30.2

277 25.4 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 47.118 ng

RT: 15.004 min Scan# 2196

Delta R.T. 0.000 min

Lab File: BF135041.D

Acq: 31 Aug 2023 14:51

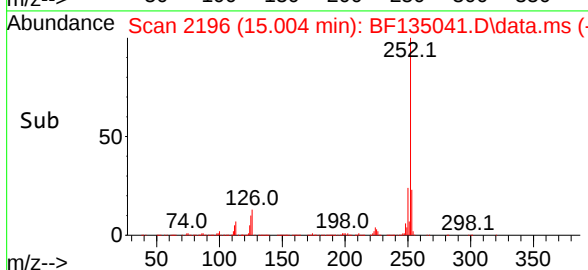
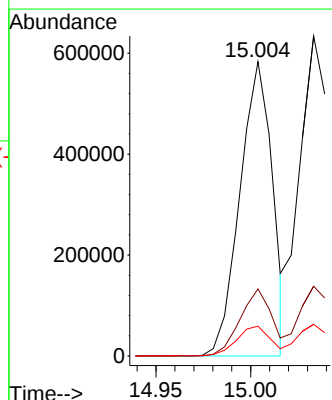
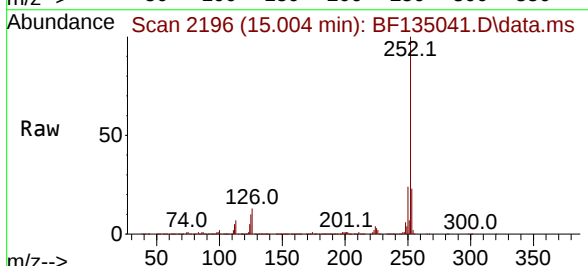
Tgt Ion:252 Resp: 698135

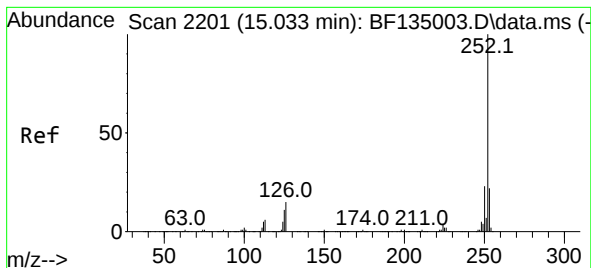
Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.8

125 10.1 8.4 12.6





#89

Benzo(k)fluoranthene

Concen: 48.641 ng

RT: 15.033 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF135041.D

Acq: 31 Aug 2023 14:51

Instrument :

BNA_F

ClientSampleId :

PB155118BSD

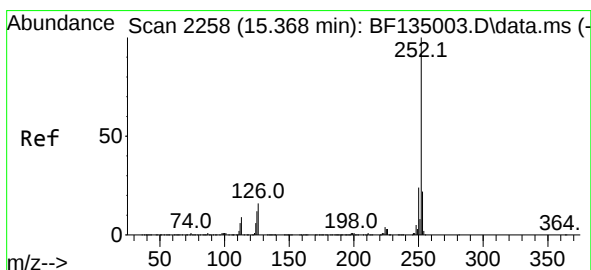
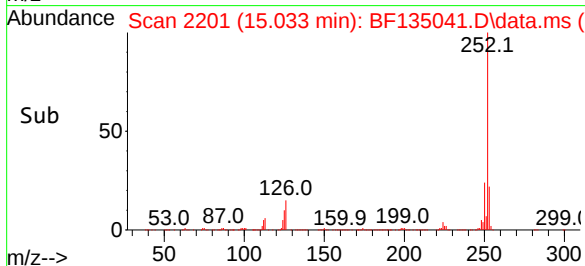
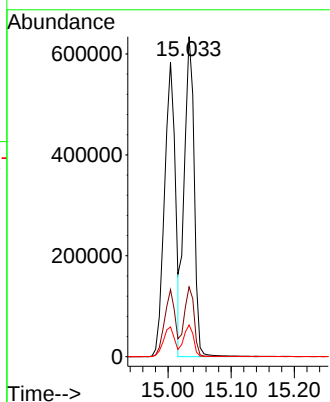
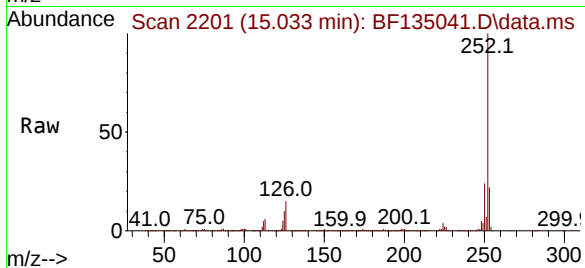
Tgt Ion:252 Resp: 696266

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 9.9 8.5 12.7



#90

Benzo(a)pyrene

Concen: 44.057 ng

RT: 15.368 min Scan# 2258

Delta R.T. 0.000 min

Lab File: BF135041.D

Acq: 31 Aug 2023 14:51

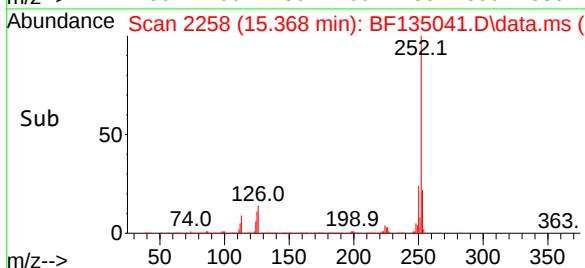
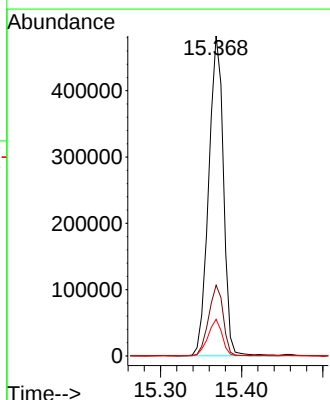
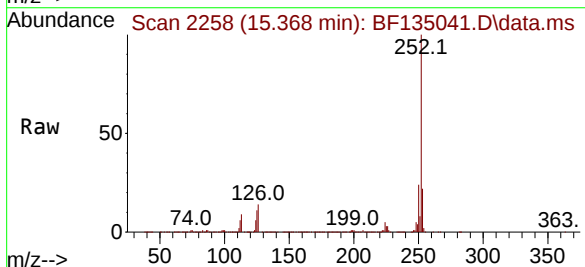
Tgt Ion:252 Resp: 606417

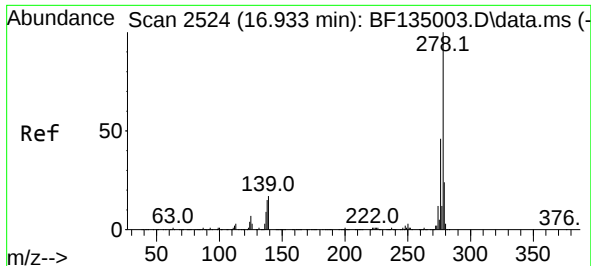
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 11.5 9.5 14.3

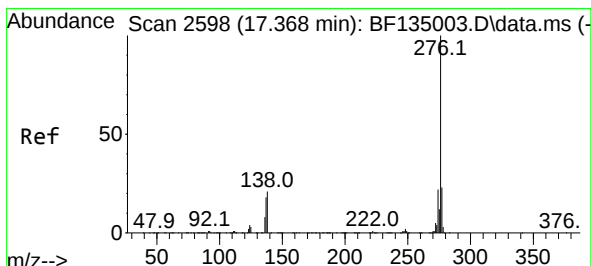
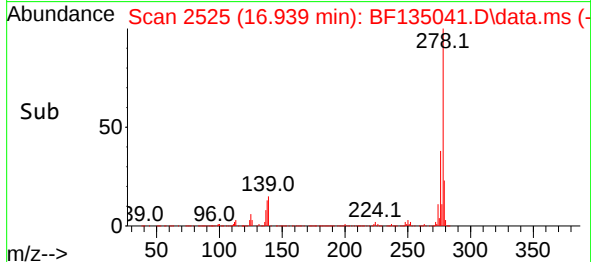
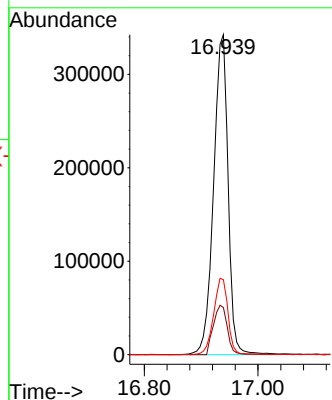
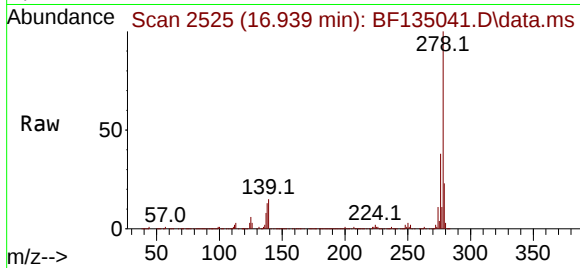




#91
Dibenzo(a,h)anthracene
Concen: 46.617 ng
RT: 16.939 min Scan# 2524
Delta R.T. 0.006 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

Instrument :
BNA_F
ClientSampleId :
PB155118BSD

Tgt Ion:278 Resp: 605595
Ion Ratio Lower Upper
278 100
139 14.8 13.4 20.2
279 23.4 19.5 29.3



#92
Benzo(g,h,i)perylene
Concen: 46.142 ng
RT: 17.368 min Scan# 2598
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

Tgt Ion:276 Resp: 623436
Ion Ratio Lower Upper
276 100
277 23.9 18.5 27.7
138 21.0 17.1 25.7

