

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
 Data File : BF135010.D
 Acq On : 30 Aug 2023 17:53
 Operator : CG\JU
 Sample : PB155120BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155120BSD

Quant Time: Aug 31 05:31:47 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	146463	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	610803	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	318011	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	588667	20.000	ng	0.00
76) Chrysene-d12	13.963	240	315433	20.000	ng	0.00
86) Perylene-d12	15.427	264	272120	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	861828	90.889	ng	0.01
7) Phenol-d6	6.416	99	1045978	88.501	ng	0.00
23) Nitrobenzene-d5	7.345	82	963517	88.623	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	296514	87.897	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	1653653	84.661	ng	0.00
79) Terphenyl-d14	12.910	244	1816365	93.970	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.593	88	149835	37.304	ng	98
3) Pyridine	3.334	79	399844	36.926	ng	99
4) n-Nitrosodimethylamine	3.310	42	247852	46.805	ng	97
6) Aniline	6.439	93	553160	37.754	ng	96
8) 2-Chlorophenol	6.563	128	488824	50.744	ng	98
9) Benzaldehyde	6.328	77	181233	30.094	ng	97
10) Phenol	6.428	94	588850	47.458	ng	100
11) bis(2-Chloroethyl)ether	6.516	93	445319	47.662	ng	98
12) 1,3-Dichlorobenzene	6.716	146	476797	48.041	ng	99
13) 1,4-Dichlorobenzene	6.792	146	486732	48.999	ng	99
14) 1,2-Dichlorobenzene	6.939	146	465220	50.188	ng	99
15) Benzyl Alcohol	6.922	79	405041	50.022	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.051	45	757511	48.414	ng	100
17) 2-Methylphenol	7.034	107	385562	45.931	ng	98
18) Hexachloroethane	7.281	117	183347	49.828	ng	97
19) n-Nitroso-di-n-propyla...	7.198	70	314862	44.850	ng	99
20) 3+4-Methylphenols	7.186	107	444165	44.850	ng	98
22) Acetophenone	7.186	105	623398	45.885	ng	# 99
24) Nitrobenzene	7.357	77	501867	45.001	ng	96
25) Isophorone	7.598	82	938141	45.511	ng	99
26) 2-Nitrophenol	7.675	139	263272	47.780	ng	98
27) 2,4-Dimethylphenol	7.716	122	400038	45.095	ng	98
28) bis(2-Chloroethoxy)met...	7.810	93	565398	45.470	ng	99
29) 2,4-Dichlorophenol	7.916	162	395370	46.894	ng	99
30) 1,2,4-Trichlorobenzene	7.998	180	428884	47.072	ng	100
31) Naphthalene	8.075	128	1343130	45.015	ng	99
32) Benzoic acid	7.857	122	332962	46.921	ng	98
33) 4-Chloroaniline	8.128	127	373196	28.596	ng	98
34) Hexachlorobutadiene	8.192	225	239454	46.310	ng	98
35) Caprolactam	8.510	113	67748	24.541	ng	91
36) 4-Chloro-3-methylphenol	8.622	107	434547	47.453	ng	99
37) 2-Methylnaphthalene	8.769	142	871901	43.796	ng	97
38) 1-Methylnaphthalene	8.869	142	820317	44.037	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	393002	44.146	ng	99
41) Hexachlorocyclopentadiene	8.922	237	415023	109.533	ng	98
43) 2,4,6-Trichlorophenol	9.051	196	283736	47.458	ng	99

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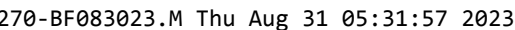
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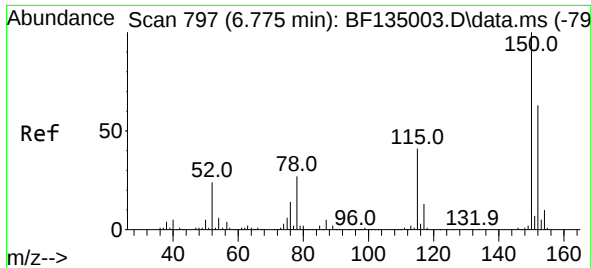
Quant Time: Aug 31 05:31:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.092	196	297544	42.987	ng	# 95
46) 1,1'-Biphenyl	9.239	154	1077647	44.354	ng	99
47) 2-Chloronaphthalene	9.263	162	832279	45.552	ng	98
48) 2-Nitroaniline	9.363	65	287101	45.903	ng	92
49) Acenaphthylene	9.680	152	1269823	45.976	ng	100
50) Dimethylphthalate	9.545	163	1010858	45.396	ng	99
51) 2,6-Dinitrotoluene	9.610	165	229343	46.938	ng	91
52) Acenaphthene	9.851	154	779457	44.285	ng	98
53) 3-Nitroaniline	9.775	138	192076	33.747	ng	100
54) 2,4-Dinitrophenol	9.892	184	251478	107.691	ng	# 89
55) Dibenzofuran	10.028	168	1099707	43.312	ng	97
56) 4-Nitrophenol	9.951	139	371092	92.753	ng	96
57) 2,4-Dinitrotoluene	10.016	165	282374	46.374	ng	96
58) Fluorene	10.369	166	853076	44.071	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	252958	47.460	ng	99
60) Diethylphthalate	10.251	149	946206	45.141	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	408642	42.680	ng	95
62) 4-Nitroaniline	10.398	138	252022	45.253	ng	99
63) Azobenzene	10.522	77	953670	45.185	ng	99
65) 4,6-Dinitro-2-methylph...	10.427	198	171860	48.238	ng	87
66) n-Nitrosodiphenylamine	10.486	169	799179	43.662	ng	99
67) 4-Bromophenyl-phenylether	10.851	248	272244	43.603	ng	97
68) Hexachlorobenzene	10.916	284	306660	47.499	ng	99
69) Atrazine	11.022	200	275890	Below Cal		99
70) Pentachlorophenol	11.116	266	291540	74.641	ng	98
71) Phenanthrene	11.333	178	1333636	43.913	ng	99
72) Anthracene	11.386	178	1369640	44.141	ng	99
73) Carbazole	11.545	167	1200681	44.864	ng	99
74) Di-n-butylphthalate	11.880	149	1469575	45.552	ng	100
75) Fluoranthene	12.527	202	1363324	44.400	ng	100
77) Benzidine	12.651	184	511278	89.917	ng	98
78) Pyrene	12.757	202	1396018	46.613	ng	100
80) Butylbenzylphthalate	13.386	149	551574	50.980	ng	98
81) Benzo(a)anthracene	13.957	228	972230	45.185	ng	100
82) 3,3'-Dichlorobenzidine	13.921	252	279063	42.981	ng	97
83) Chrysene	13.992	228	969580	45.852	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	586301	52.363	ng	98
85) Di-n-octyl phthalate	14.568	149	895189	52.380	ng	99
87) Indeno(1,2,3-cd)pyrene	16.915	276	923546	50.386	ng	99
88) Benzo(b)fluoranthene	15.004	252	792179	46.786	ng	100
89) Benzo(k)fluoranthene	15.033	252	769456	47.040	ng	99
90) Benzo(a)pyrene	15.368	252	692483	44.026	ng	100
91) Dibenzo(a,h)anthracene	16.933	278	746731	50.302	ng	99
92) Benzo(g,h,i)perylene	17.368	276	761716	49.335	ng	98

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

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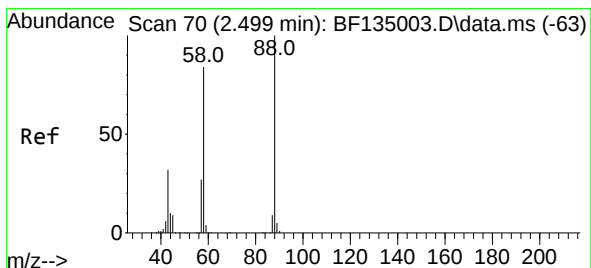
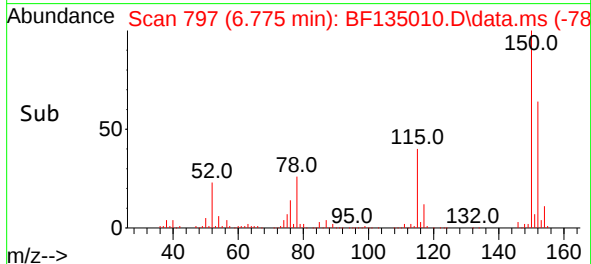
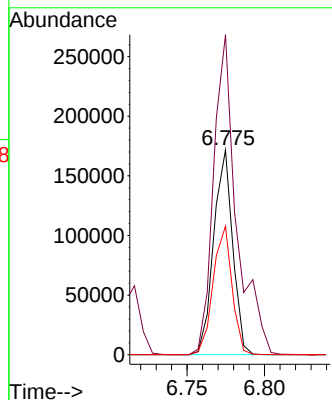
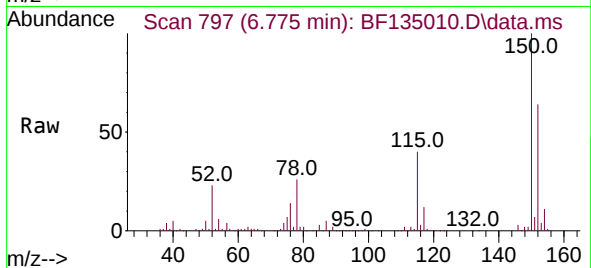




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.775 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF135010.D
 Acq: 30 Aug 2023 17:53

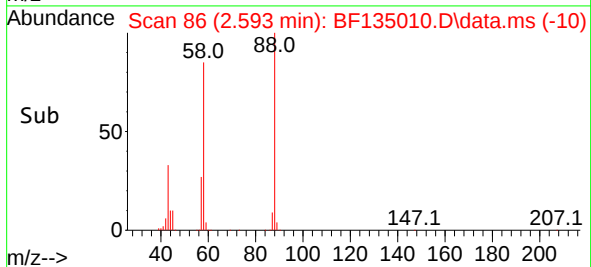
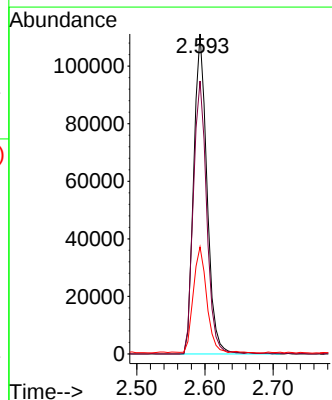
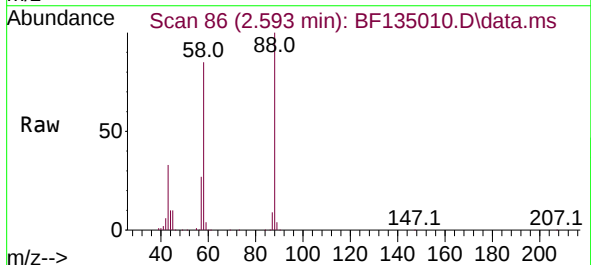
Instrument :
 BNA_F
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 PB155120BSD

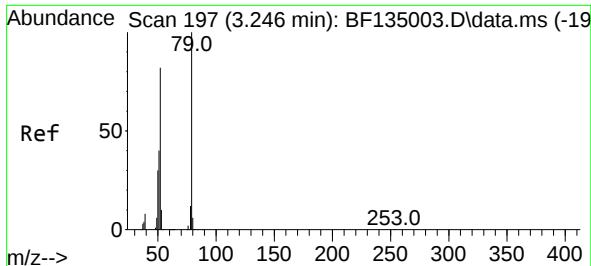
Tgt Ion:152 Resp: 146463
 Ion Ratio Lower Upper
 152 100
 150 156.3 126.2 189.4
 115 62.7 51.2 76.8



#2
 1,4-Dioxane
 Concen: 37.304 ng
 RT: 2.593 min Scan# 86
 Delta R.T. 0.094 min
 Lab File: BF135010.D
 Acq: 30 Aug 2023 17:53

Tgt Ion: 88 Resp: 149835
 Ion Ratio Lower Upper
 88 100
 58 85.9 67.1 100.7
 43 32.9 25.9 38.9

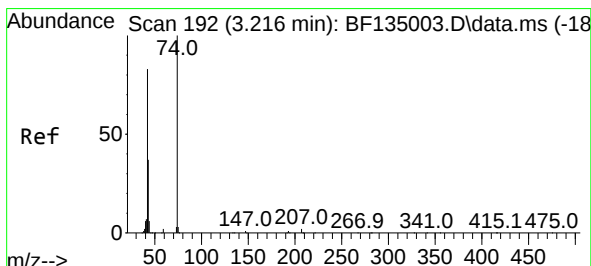
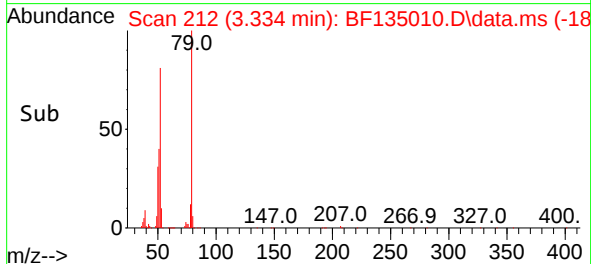
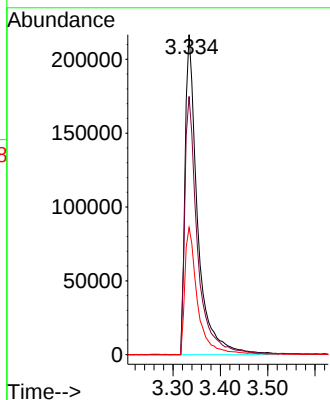
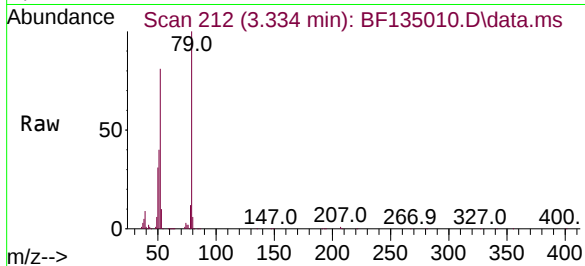




#3
 Pyridine
 Concen: 36.926 ng
 RT: 3.334 min Scan# 21
 Delta R.T. 0.088 min
 Lab File: BF135010.D
 Acq: 30 Aug 2023 17:53

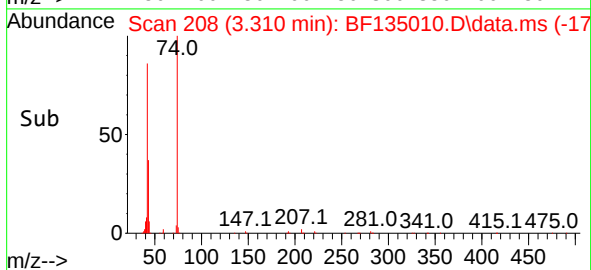
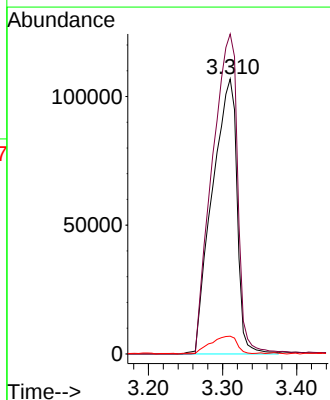
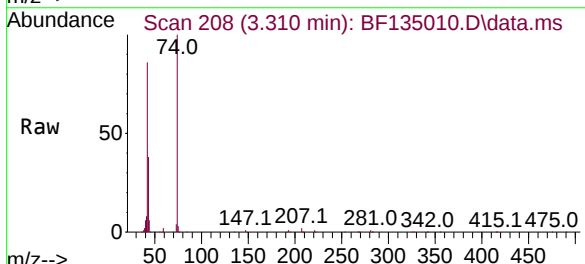
Instrument :
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 ClientSampleId :
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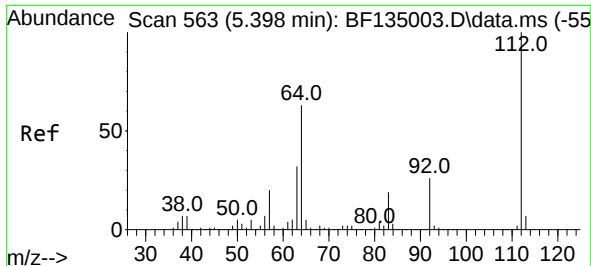
Tgt Ion: 79 Resp: 399844
 Ion Ratio Lower Upper
 79 100
 52 80.7 65.4 98.2
 51 39.7 32.6 49.0



#4
 n-Nitrosodimethylamine
 Concen: 46.805 ng
 RT: 3.310 min Scan# 208
 Delta R.T. 0.094 min
 Lab File: BF135010.D
 Acq: 30 Aug 2023 17:53

Tgt Ion: 42 Resp: 247852
 Ion Ratio Lower Upper
 42 100
 74 116.4 96.2 144.2
 44 6.5 5.8 8.6

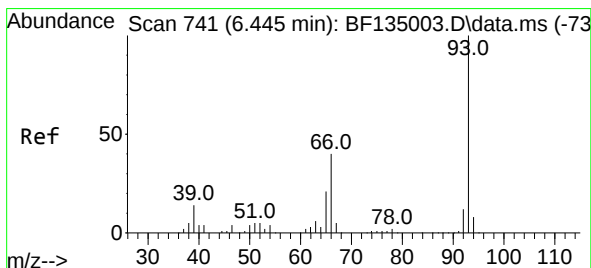
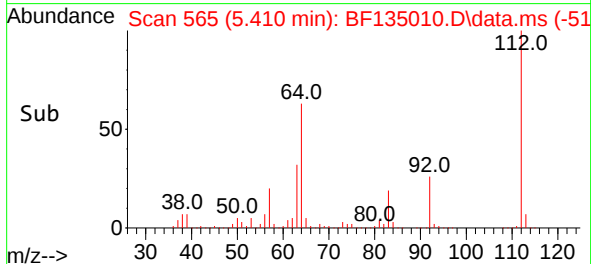
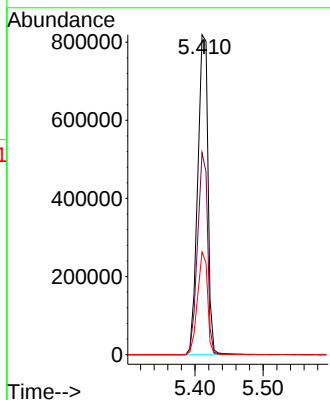
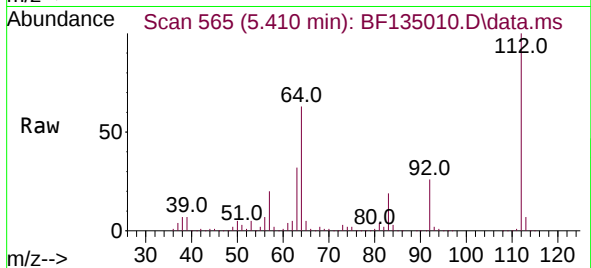




#5
2-Fluorophenol
Concen: 90.889 ng
RT: 5.410 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

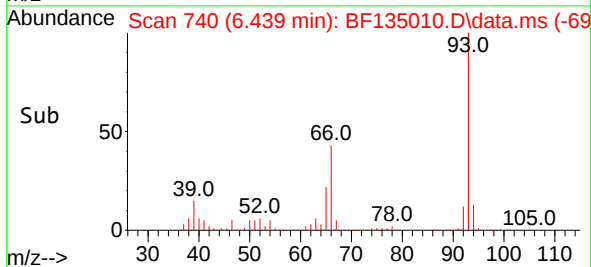
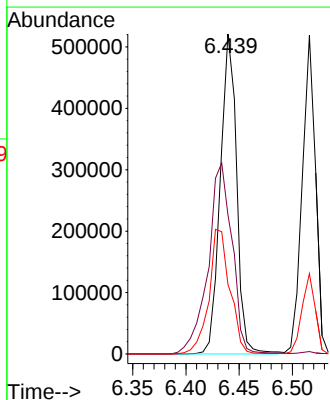
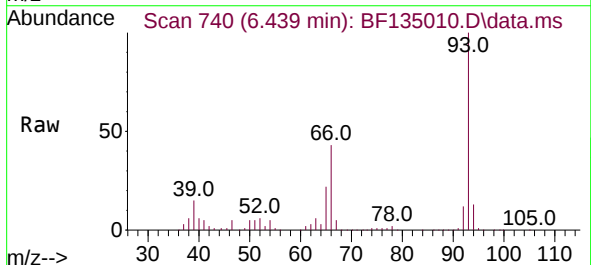
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ClientSampleId :
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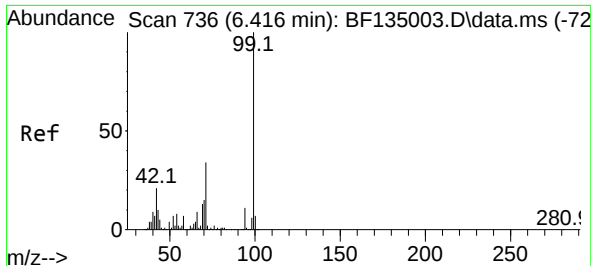
Tgt Ion:112 Resp: 861828
Ion Ratio Lower Upper
112 100
64 63.1 50.5 75.7
63 32.1 25.9 38.9



#6
Aniline
Concen: 37.754 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

Tgt Ion: 93 Resp: 553160
Ion Ratio Lower Upper
93 100
66 43.5 32.4 48.6
65 21.7 16.6 24.8



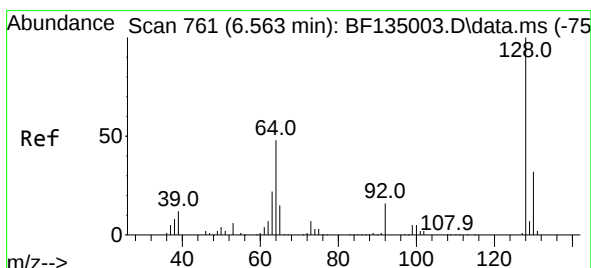
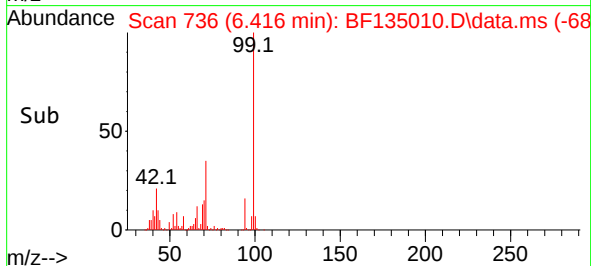
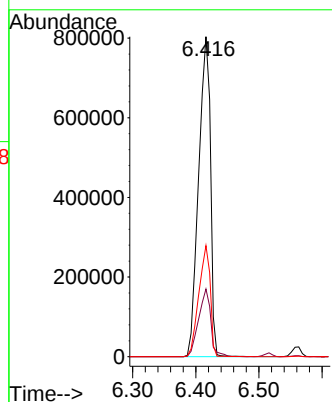
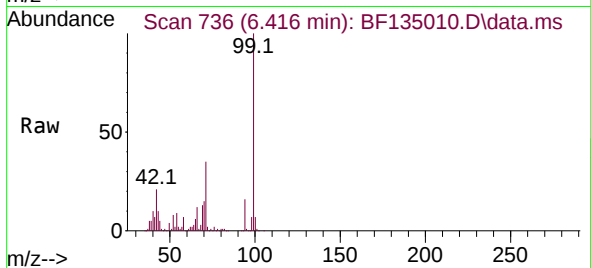


#7
Phenol-d6
Concen: 88.501 ng
RT: 6.416 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

Instrument :
BNA_F
ClientSampleId :
PB155120BSD

Tgt Ion: 99 Resp: 1045978

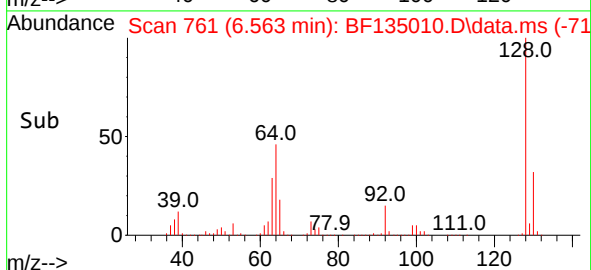
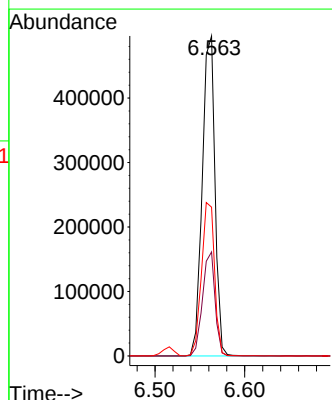
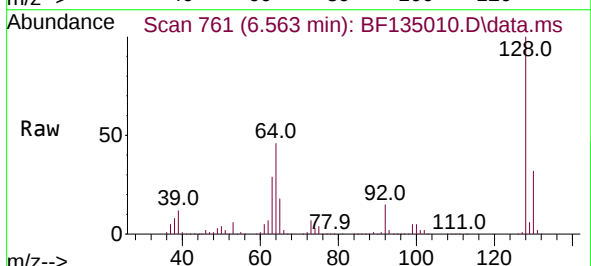
Ion	Ratio	Lower	Upper
99	100		
42	21.2	16.6	25.0
71	34.7	27.0	40.6

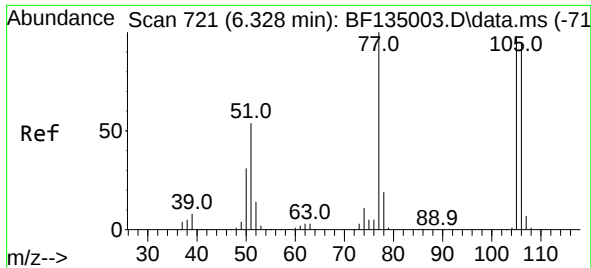


#8
2-Chlorophenol
Concen: 50.744 ng
RT: 6.563 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

Tgt Ion: 128 Resp: 488824

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.2	52.2
64	46.5	29.0	69.0





#9

Benzaldehyde

Concen: 30.094 ng

RT: 6.328 min Scan# 721

Delta R.T. -0.000 min

Lab File: BF135010.D

Acq: 30 Aug 2023 17:53

Instrument :

BNA_F

ClientSampleId :

PB155120BSD

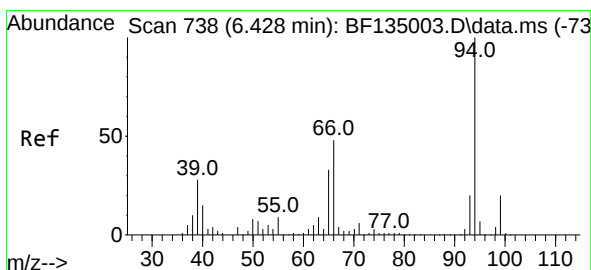
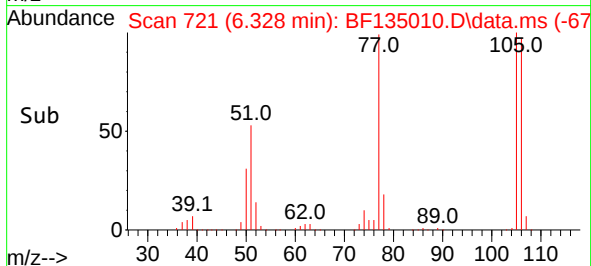
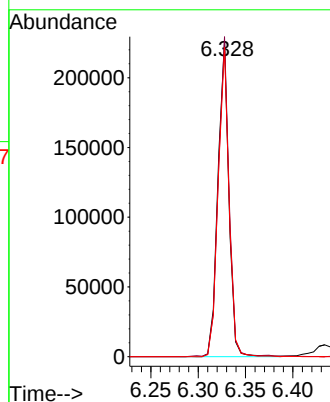
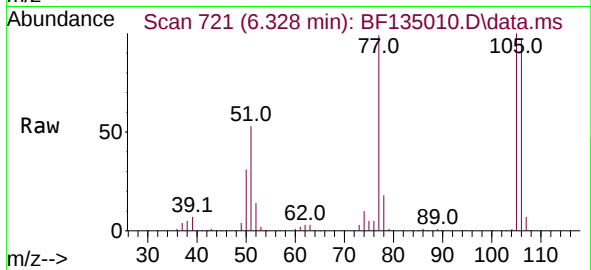
Tgt Ion: 77 Resp: 181233

Ion Ratio Lower Upper

77 100

105 101.4 78.4 118.4

106 98.0 74.3 114.3



#10

Phenol

Concen: 47.458 ng

RT: 6.428 min Scan# 738

Delta R.T. 0.000 min

Lab File: BF135010.D

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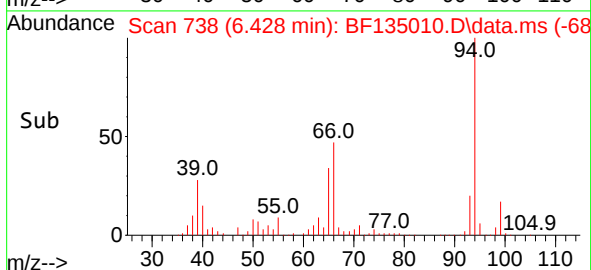
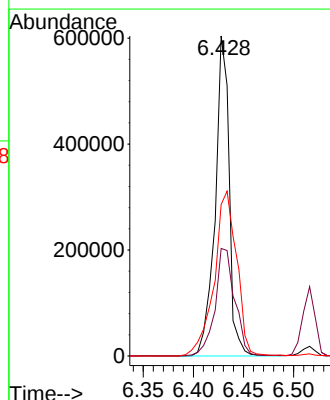
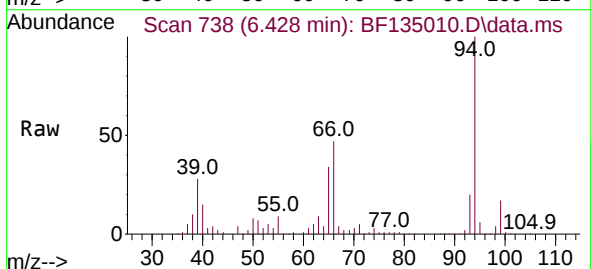
Tgt Ion: 94 Resp: 588850

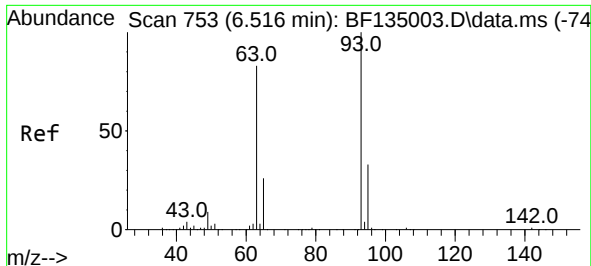
Ion Ratio Lower Upper

94 100

65 33.6 13.2 53.2

66 47.4 27.5 67.5

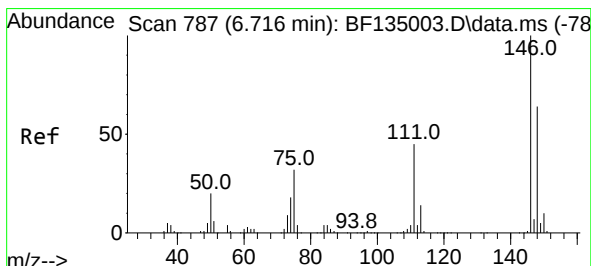
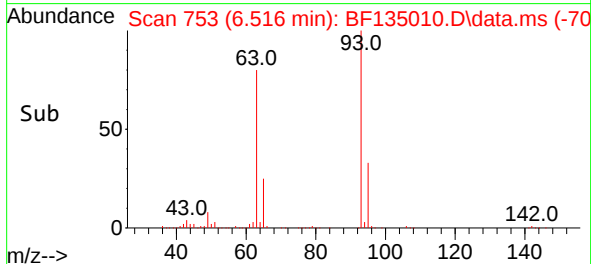
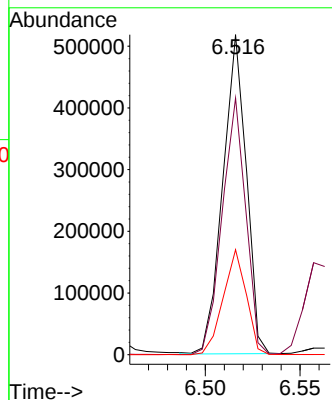
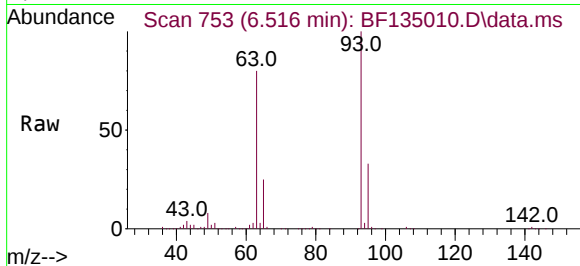




#11
bis(2-Chloroethyl)ether
Concen: 47.662 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

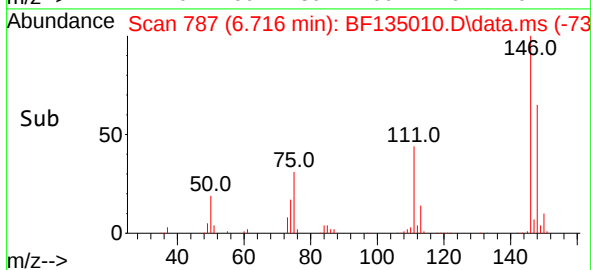
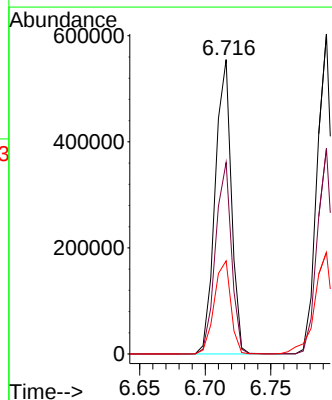
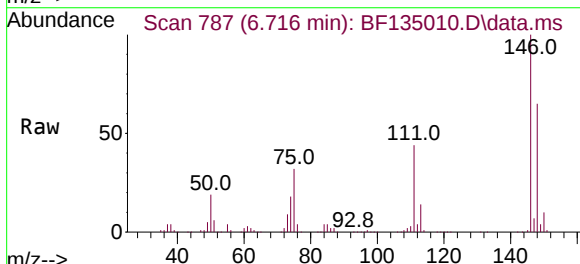
Instrument :
BNA_F
ClientSampleId :
PB155120BSD

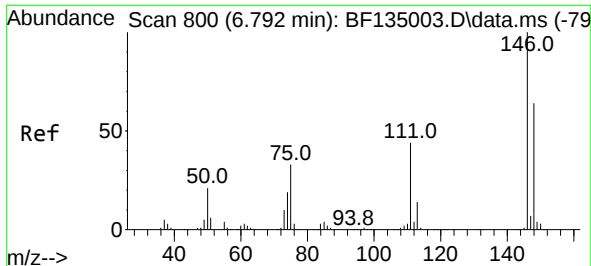
Tgt Ion: 93 Resp: 445319
Ion Ratio Lower Upper
93 100
63 80.2 62.8 102.8
95 32.8 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 48.041 ng
RT: 6.716 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

Tgt Ion:146 Resp: 476797
Ion Ratio Lower Upper
146 100
148 65.1 51.6 77.4
75 31.6 25.8 38.8

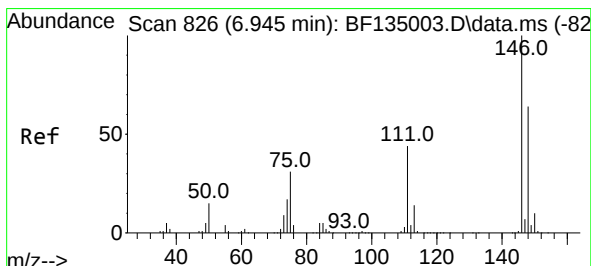
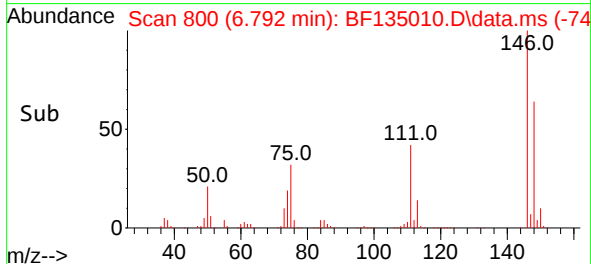
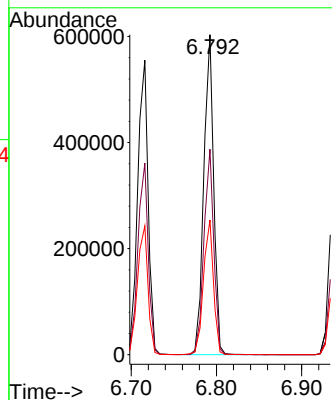
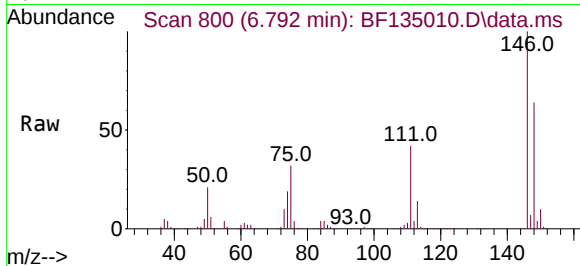




#13
1,4-Dichlorobenzene
Concen: 48.999 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

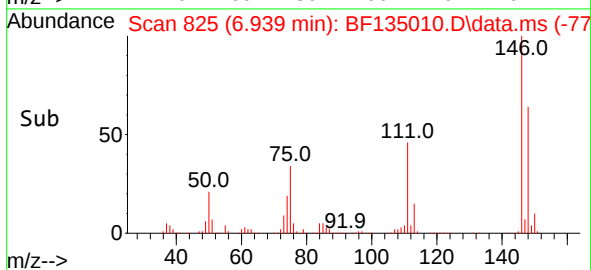
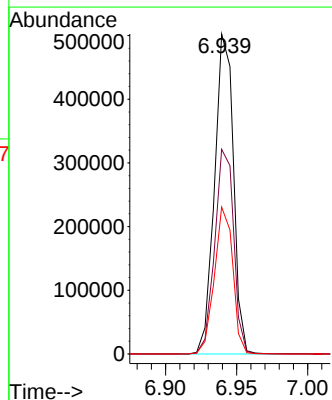
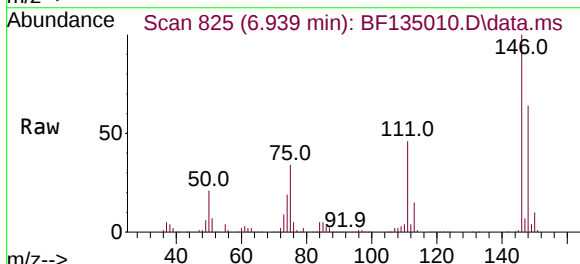
Instrument :
BNA_F
ClientSampleId :
PB155120BSD

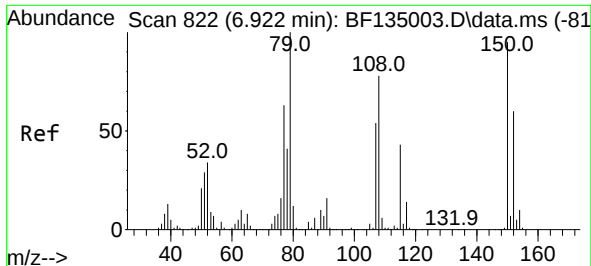
Tgt Ion:146 Resp: 486732
Ion Ratio Lower Upper
146 100
148 64.2 51.5 77.3
111 42.1 35.2 52.8



#14
1,2-Dichlorobenzene
Concen: 50.188 ng
RT: 6.939 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

Tgt Ion:146 Resp: 465220
Ion Ratio Lower Upper
146 100
148 63.9 51.1 76.7
111 45.9 35.3 52.9

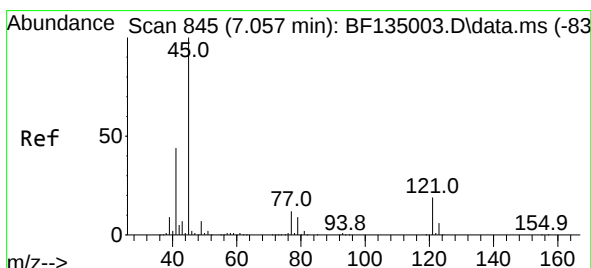
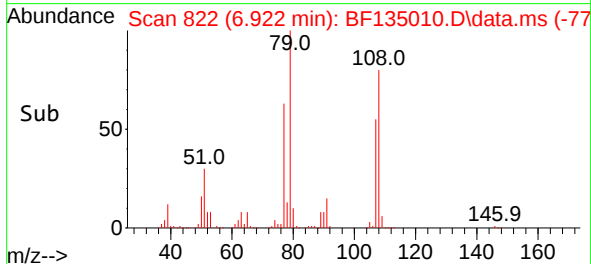
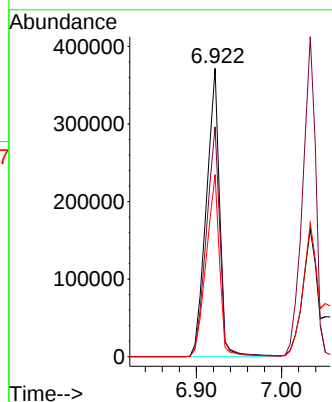
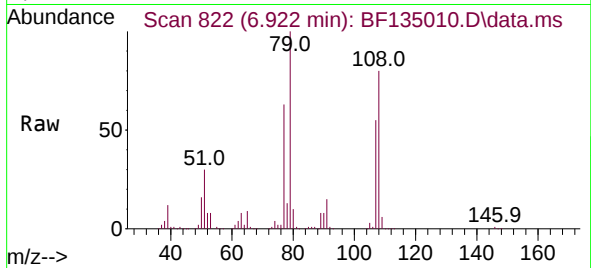




#15
Benzyl Alcohol
Concen: 50.022 ng
RT: 6.922 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

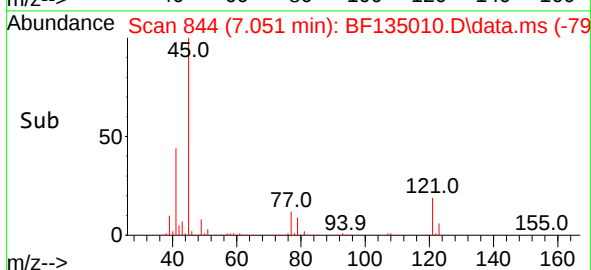
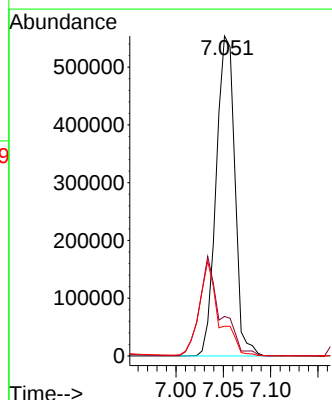
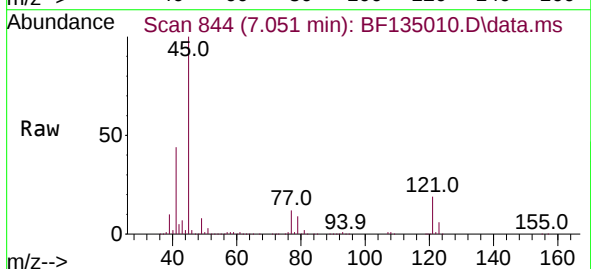
Instrument :
BNA_F
ClientSampleId :
PB155120BSD

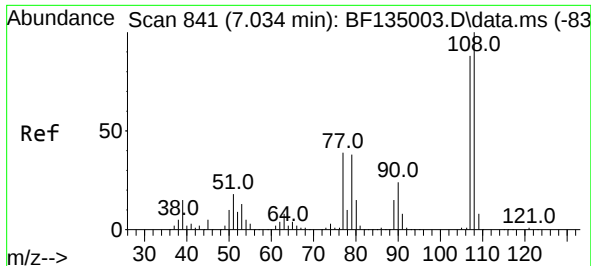
Tgt Ion: 79 Resp: 405041
Ion Ratio Lower Upper
79 100
108 79.7 62.5 93.7
77 63.1 50.4 75.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.414 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

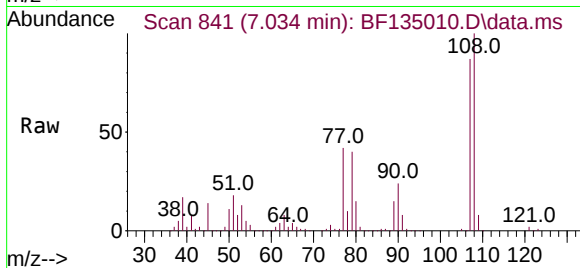
Tgt Ion: 45 Resp: 757511
Ion Ratio Lower Upper
45 100
77 12.3 0.0 32.3
79 9.3 0.0 29.5



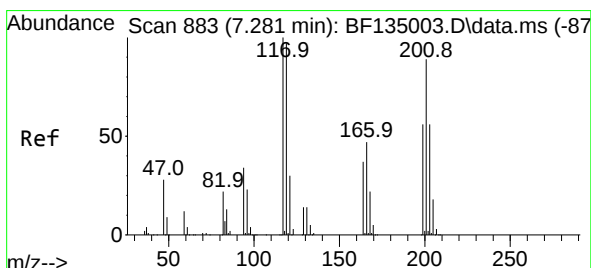
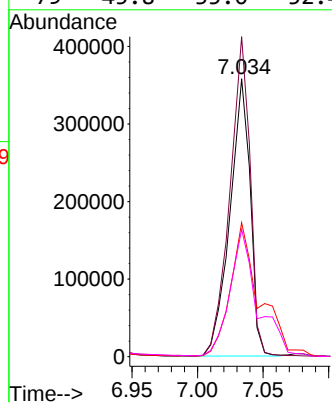
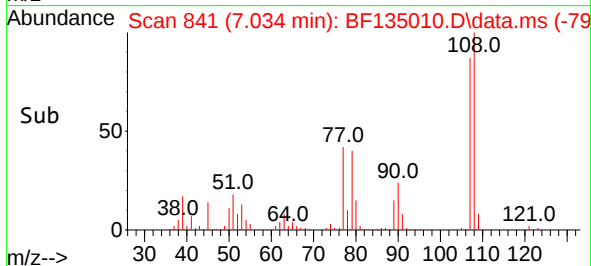


#17
2-Methylphenol
Concen: 45.931 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

Instrument :
BNA_F
ClientSampleId :
PB155120BSD

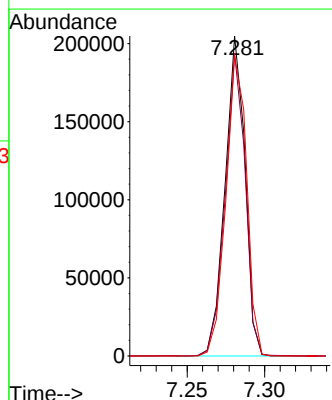
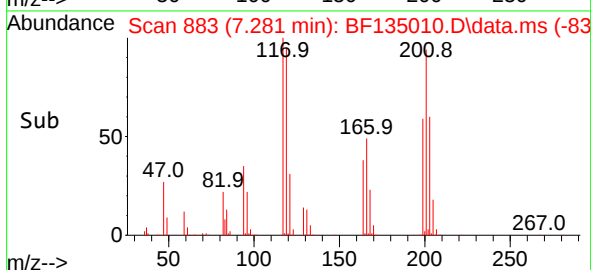
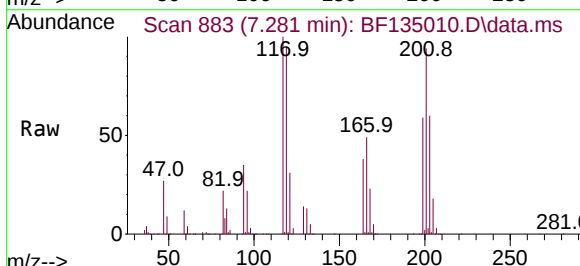


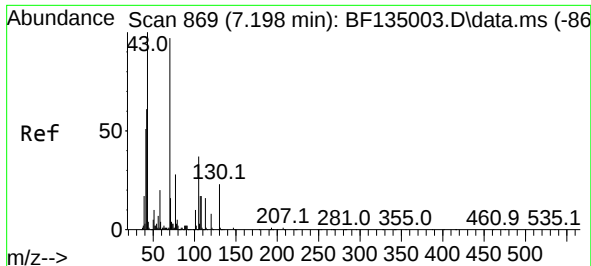
Tgt Ion:107 Resp: 385562
Ion Ratio Lower Upper
107 100
108 115.2 91.2 136.8
77 48.2 36.0 54.0
79 45.8 35.0 52.4



#18
Hexachloroethane
Concen: 49.828 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

Tgt Ion:117 Resp: 183347
Ion Ratio Lower Upper
117 100
119 94.7 77.4 116.2
201 93.6 71.4 107.2

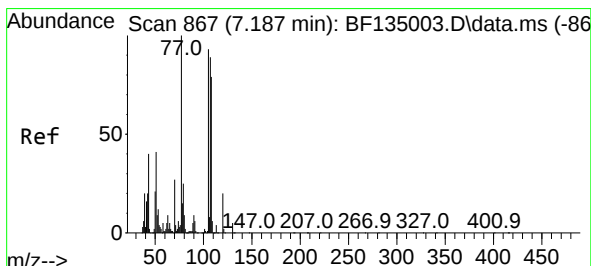
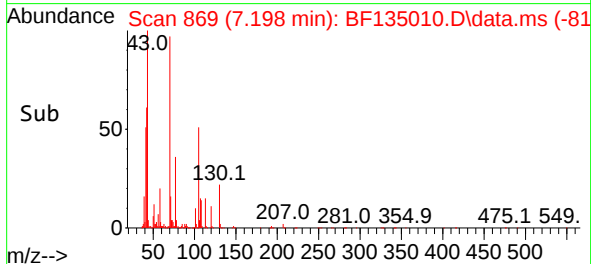
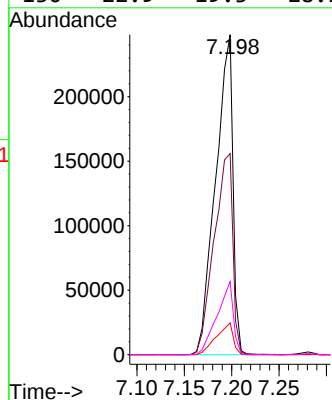
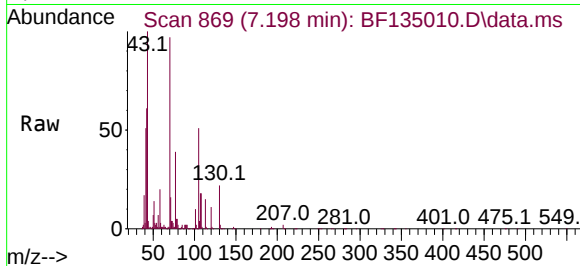




#19
n-Nitroso-di-n-propylamine
Concen: 44.850 ng
RT: 7.198 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

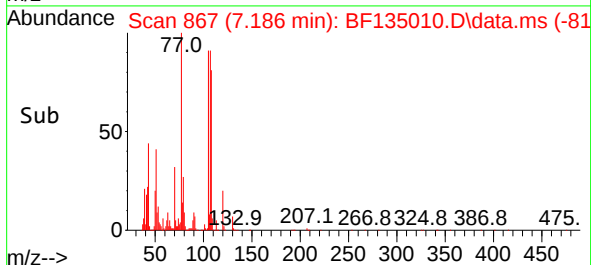
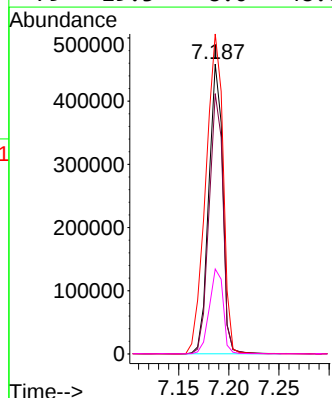
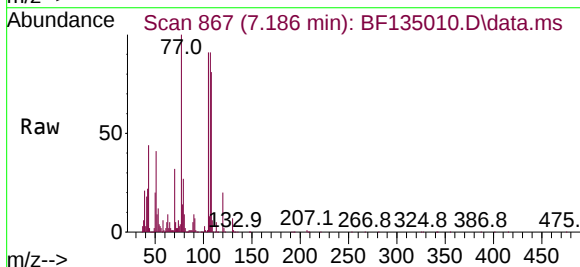
Instrument :
BNA_F
ClientSampleId :
PB155120BSD

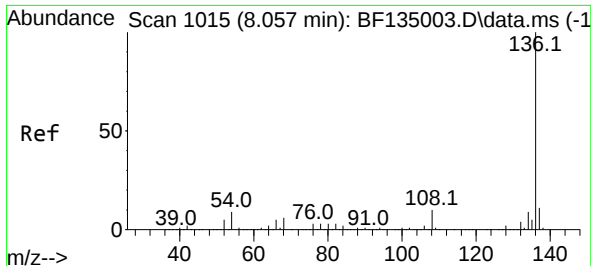
Tgt Ion:	70	Resp:	314862
Ion	Ratio	Lower	Upper
70	100		
42	62.9	50.2	75.4
101	10.0	8.1	12.1
130	22.9	19.3	28.9



#20
3+4-Methylphenols
Concen: 44.850 ng
RT: 7.186 min Scan# 867
Delta R.T. -0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

Tgt Ion:	107	Resp:	444165
Ion	Ratio	Lower	Upper
107	100		
108	89.8	68.6	108.6
77	110.4	92.3	132.3
79	29.3	8.0	48.0

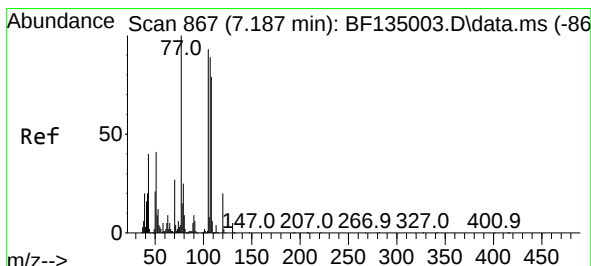
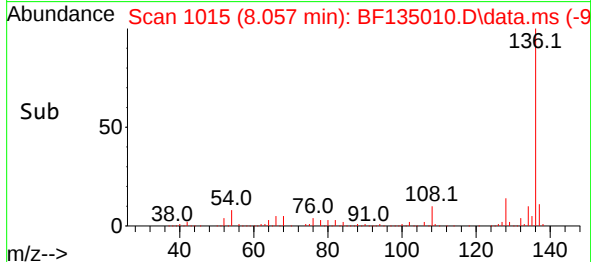
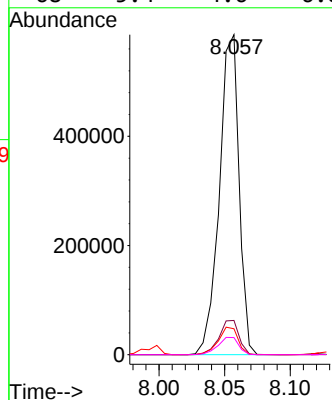
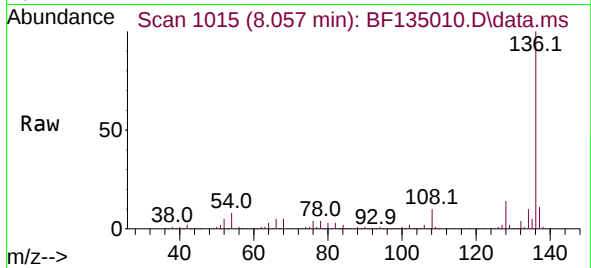




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

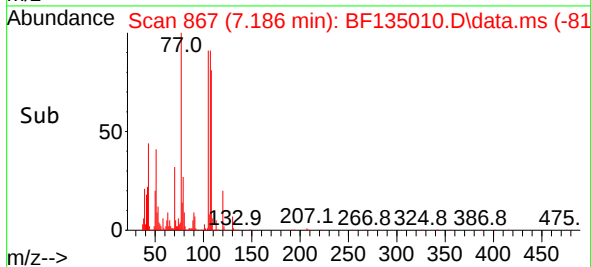
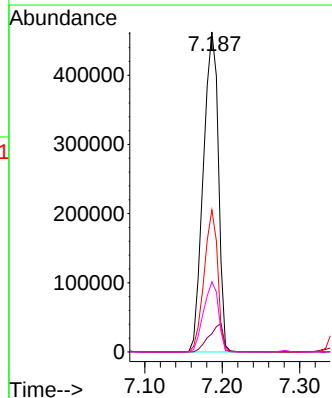
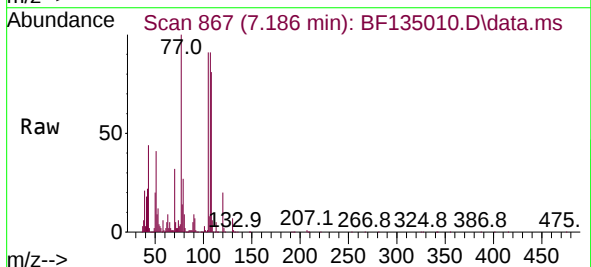
Instrument :
BNA_F
ClientSampleId :
PB155120BSD

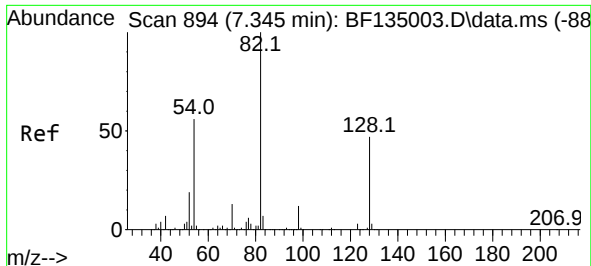
Tgt Ion:136	Resp: 610803
Ion Ratio	Lower Upper
136 100	
137 10.7	8.8 13.2
54 8.1	7.0 10.4
68 5.4	4.6 6.8



#22
Acetophenone
Concen: 45.885 ng
RT: 7.186 min Scan# 867
Delta R.T. -0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

Tgt	Ion:105	Resp:	623398
Ion	Ratio	Lower	Upper
105	100		
71	5.7	3.8	5.6#
51	44.4	35.0	52.6
120	21.9	17.4	26.0





#23

Nitrobenzene-d5

Concen: 88.623 ng

RT: 7.345 min Scan# 894

Delta R.T. 0.000 min

Lab File: BF135010.D

Acq: 30 Aug 2023 17:53

Instrument :

BNA_F

ClientSampleId :

PB155120BSD

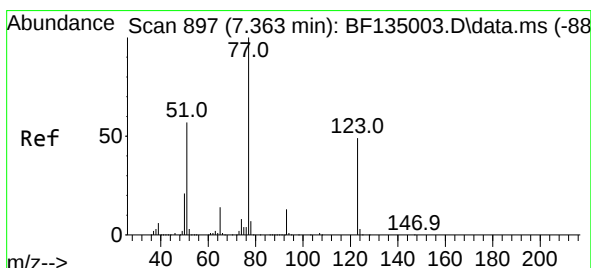
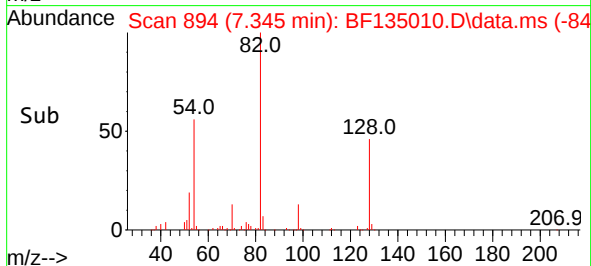
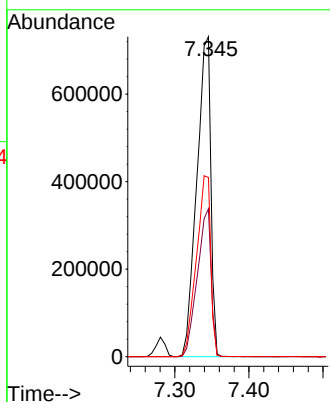
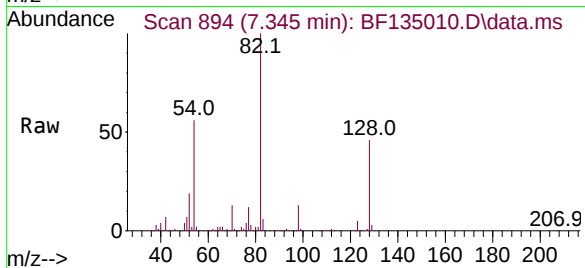
Tgt Ion: 82 Resp: 963517

Ion Ratio Lower Upper

82 100

128 46.2 37.8 56.8

54 56.0 45.0 67.6



#24

Nitrobenzene

Concen: 45.001 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF135010.D

Acq: 30 Aug 2023 17:53

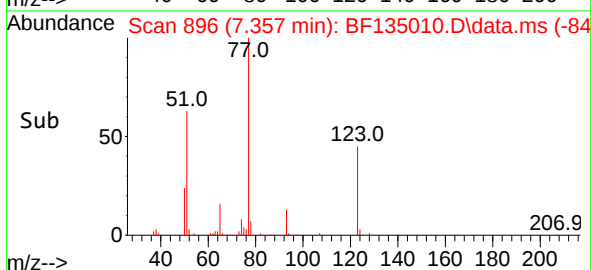
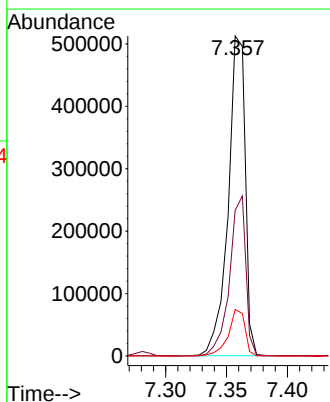
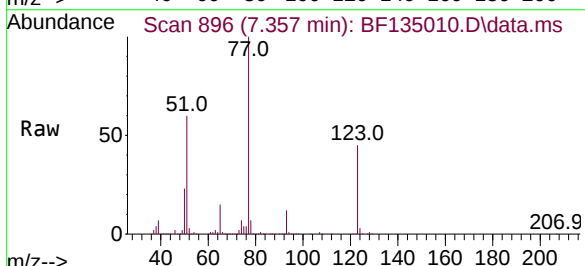
Tgt Ion: 77 Resp: 501867

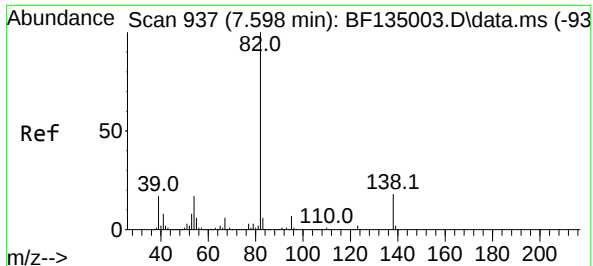
Ion Ratio Lower Upper

77 100

123 45.5 39.4 59.2

65 14.5 11.4 17.2

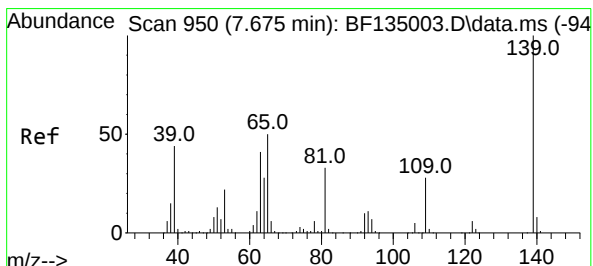
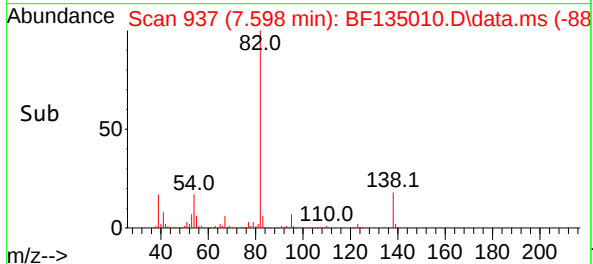
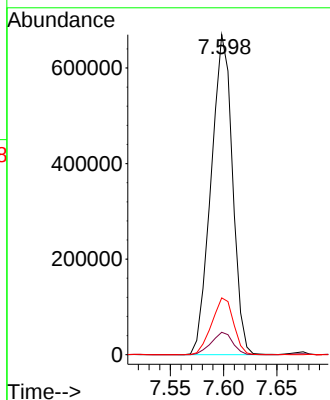
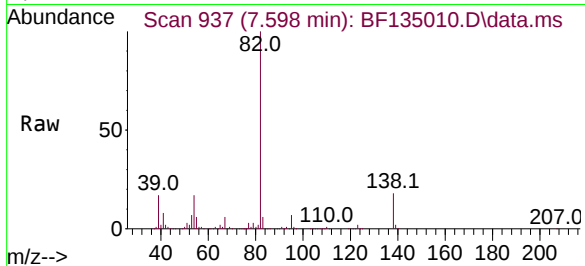




#25
Isophorone
Concen: 45.511 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

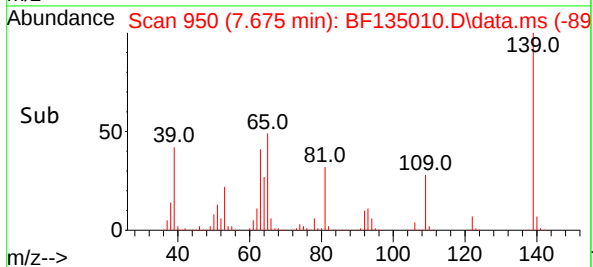
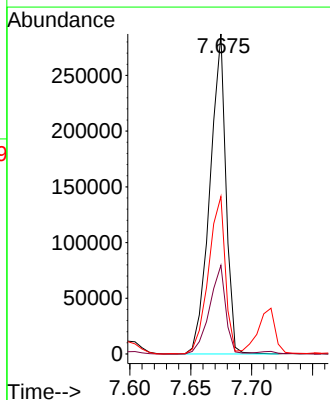
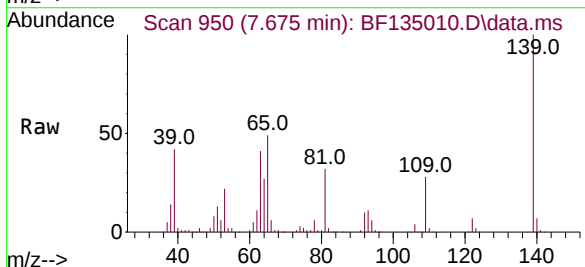
Instrument :
BNA_F
ClientSampleId :
PB155120BSD

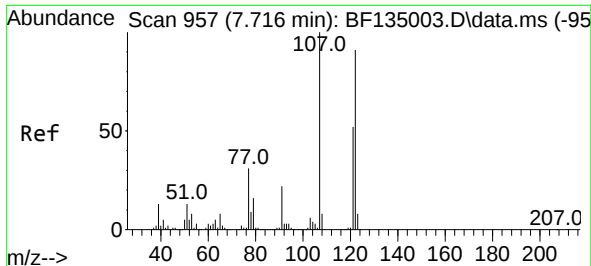
Tgt Ion: 82 Resp: 938141
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 17.7 14.7 22.1



#26
2-Nitrophenol
Concen: 47.780 ng
RT: 7.675 min Scan# 950
Delta R.T. -0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

Tgt Ion:139 Resp: 263272
Ion Ratio Lower Upper
139 100
109 27.7 22.6 34.0
65 49.2 40.3 60.5





#27

2,4-Dimethylphenol

Concen: 45.095 ng

RT: 7.716 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135010.D

Acq: 30 Aug 2023 17:53

Instrument :

BNA_F

ClientSampleId :

PB155120BSD

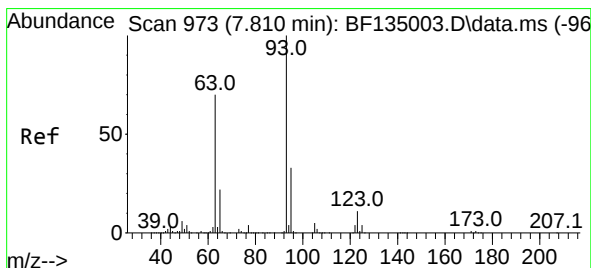
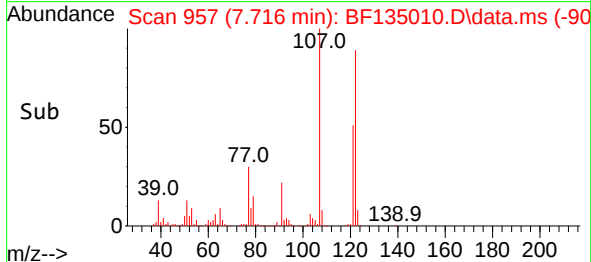
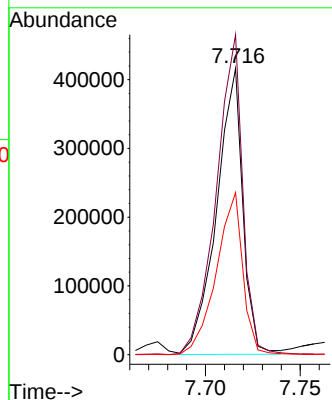
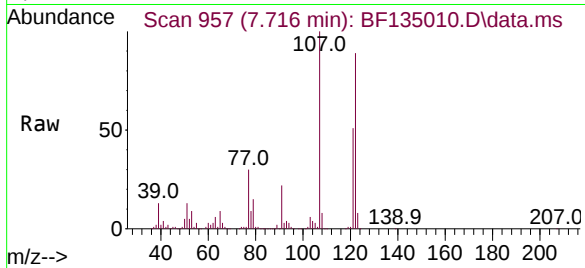
Tgt Ion:122 Resp: 400038

Ion Ratio Lower Upper

122 100

107 111.8 87.8 131.8

121 56.6 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 45.470 ng

RT: 7.810 min Scan# 973

Delta R.T. -0.000 min

Lab File: BF135010.D

Acq: 30 Aug 2023 17:53

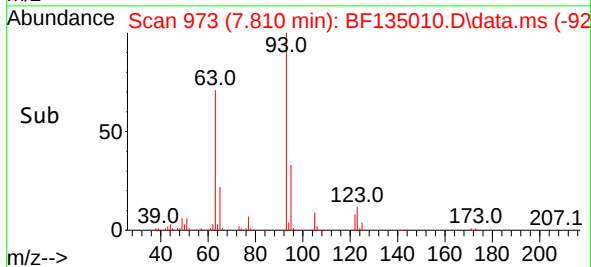
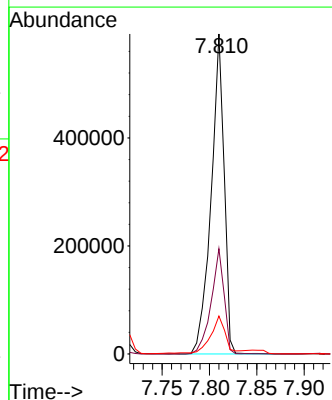
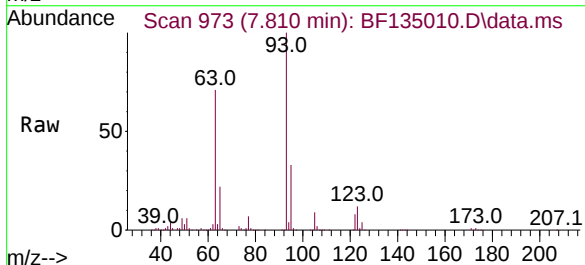
Tgt Ion: 93 Resp: 565398

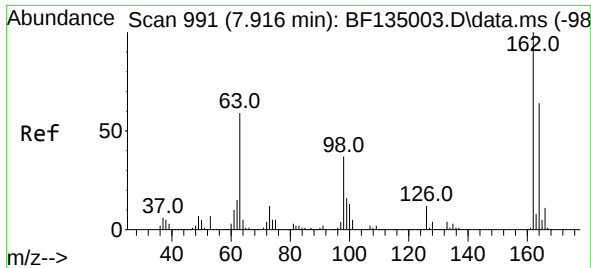
Ion Ratio Lower Upper

93 100

95 32.9 26.0 39.0

123 11.8 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 46.894 ng

RT: 7.916 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF135010.D

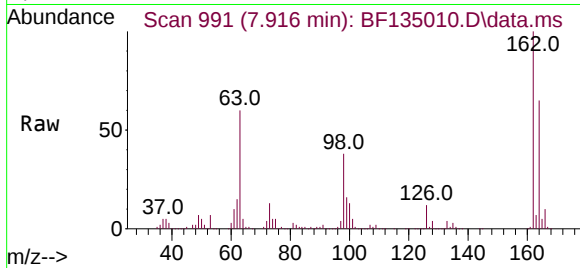
Acq: 30 Aug 2023 17:53

Instrument :

BNA_F

ClientSampleId :

PB155120BSD



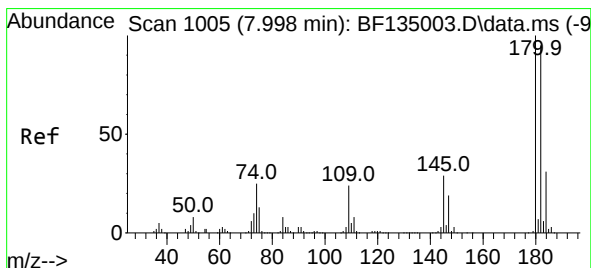
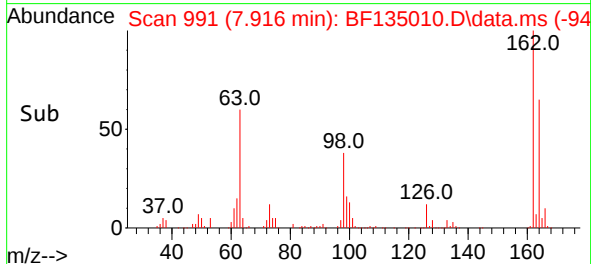
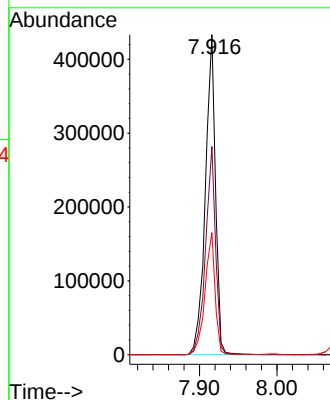
Tgt Ion:162 Resp: 395370

Ion Ratio Lower Upper

162 100

164 65.1 44.2 84.2

98 38.1 17.3 57.3



#30

1,2,4-Trichlorobenzene

Concen: 47.072 ng

RT: 7.998 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF135010.D

Acq: 30 Aug 2023 17:53

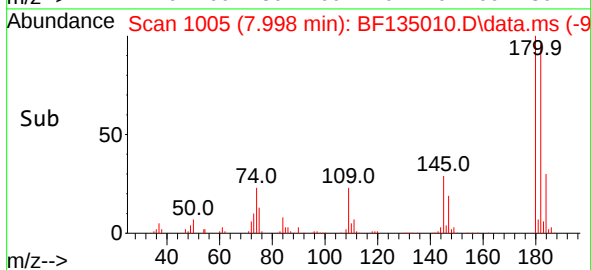
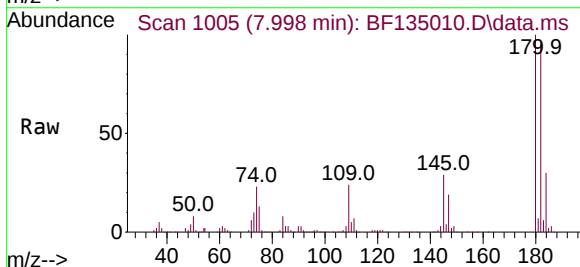
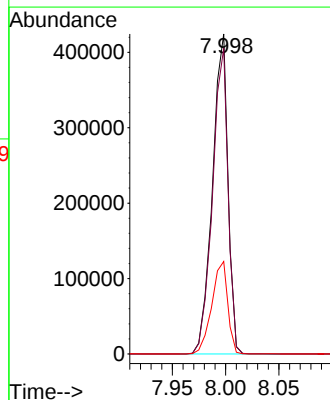
Tgt Ion:180 Resp: 428884

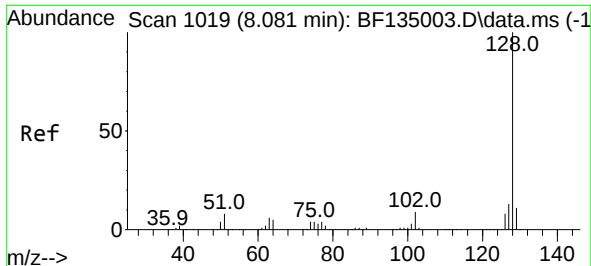
Ion Ratio Lower Upper

180 100

182 95.5 76.3 114.5

145 28.9 23.5 35.3

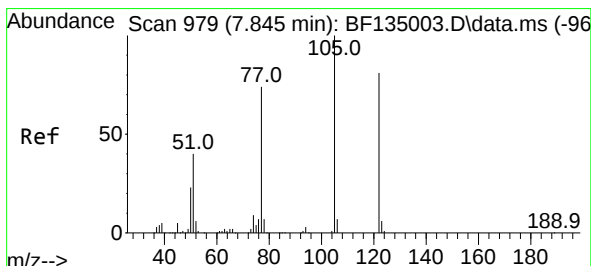
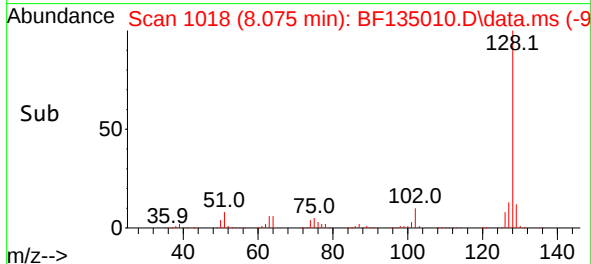
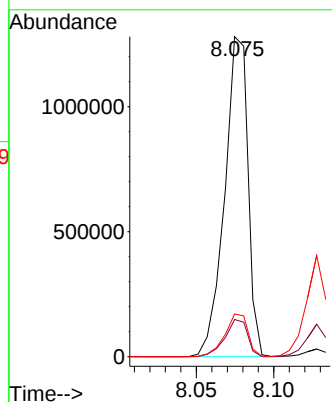
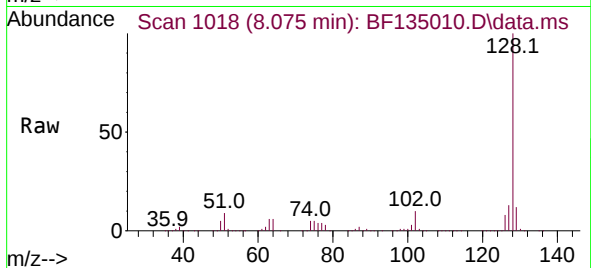




#31
Naphthalene
Concen: 45.015 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

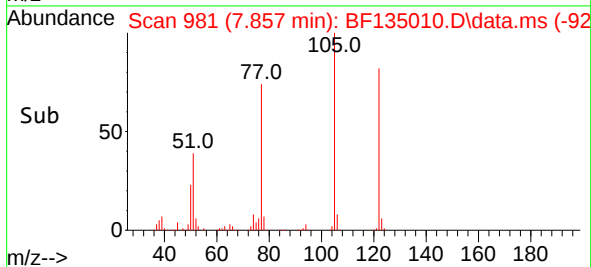
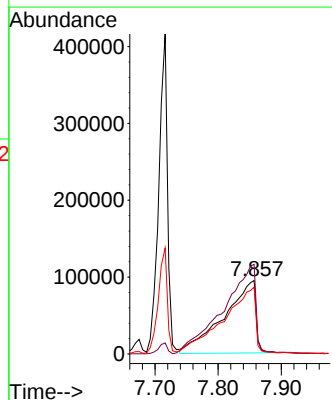
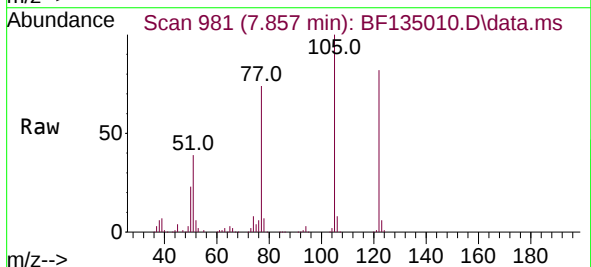
Instrument :
BNA_F
ClientSampleId :
PB155120BSD

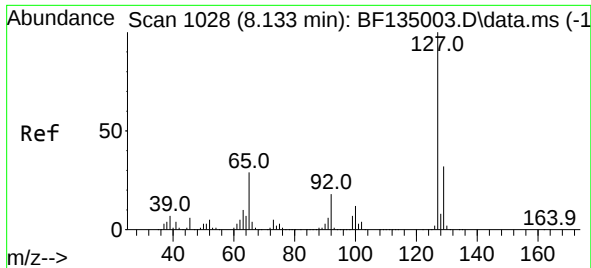
Tgt Ion:128 Resp: 1343130
Ion Ratio Lower Upper
128 100
129 11.6 8.6 13.0
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 46.921 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.012 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

Tgt Ion:122 Resp: 332962
Ion Ratio Lower Upper
122 100
105 122.1 99.8 139.8
77 90.9 69.5 109.5

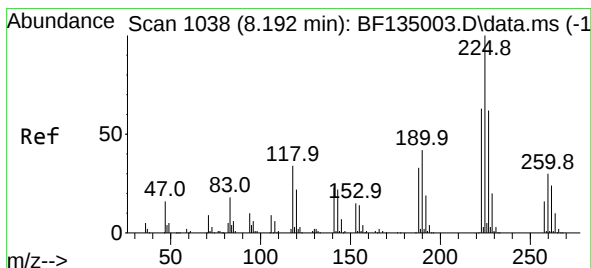
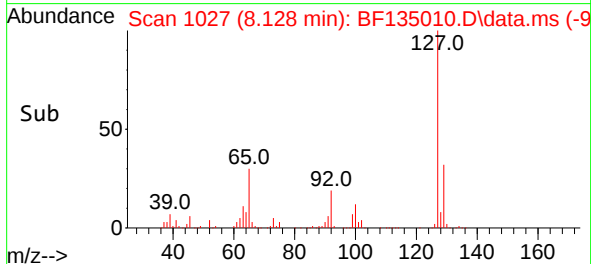
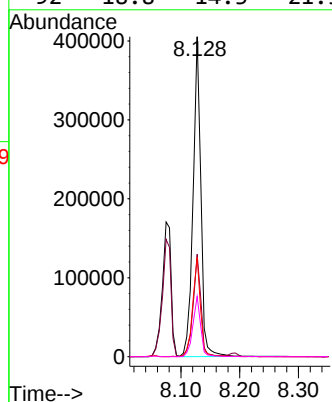
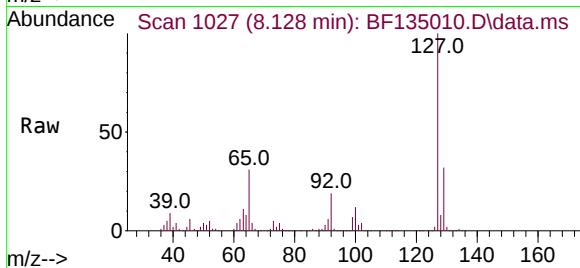




#33
4-Chloroaniline
Concen: 28.596 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

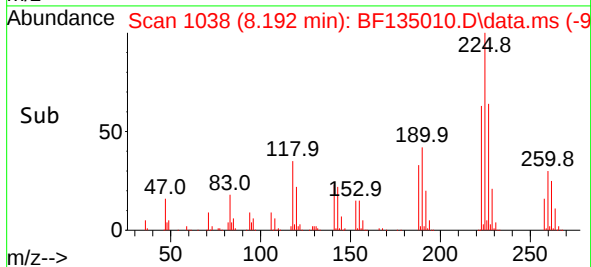
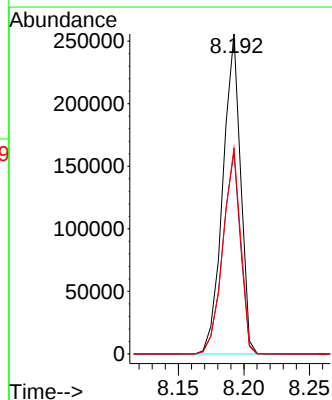
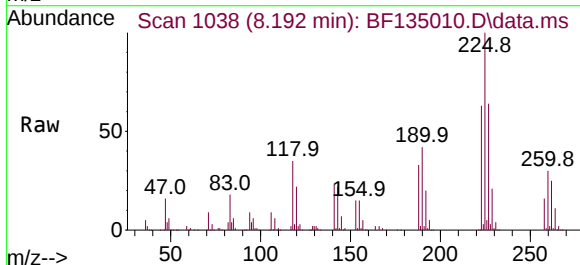
Instrument :
BNA_F
ClientSampleId :
PB155120BSD

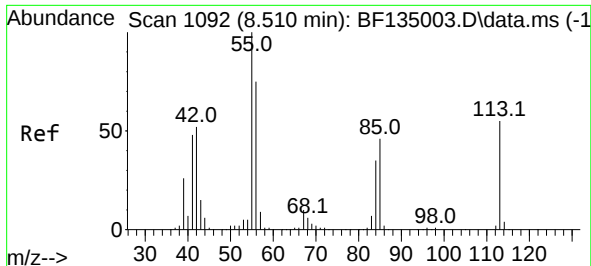
Tgt Ion:	127	Resp:	373196
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.6	38.4
65	31.1	23.1	34.7
92	18.8	14.3	21.5



#34
Hexachlorobutadiene
Concen: 46.310 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

Tgt Ion:	225	Resp:	239454
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.7	76.1
227	64.3	49.6	74.4

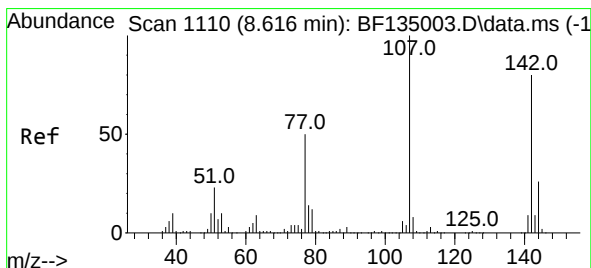
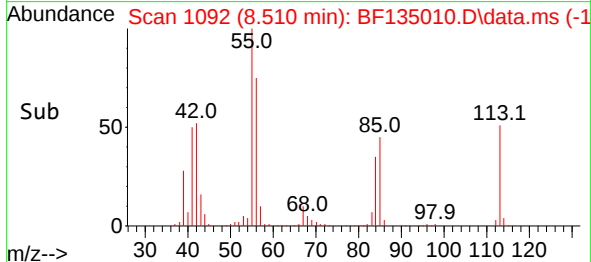
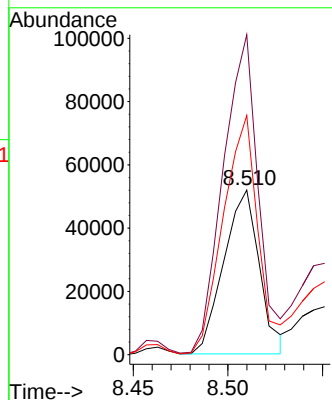
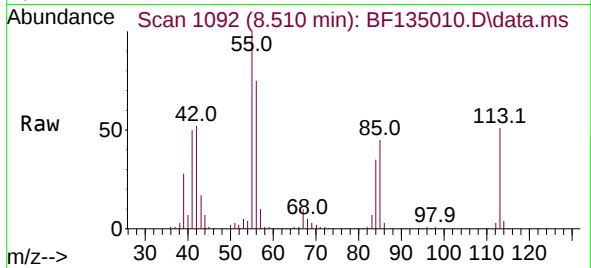




#35
 Caprolactam
 Concen: 24.541 ng
 RT: 8.510 min Scan# 1092
 Delta R.T. 0.000 min
 Lab File: BF135010.D
 Acq: 30 Aug 2023 17:53

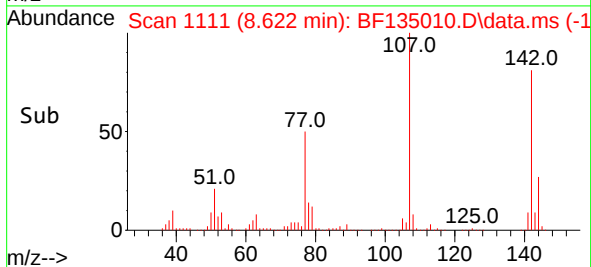
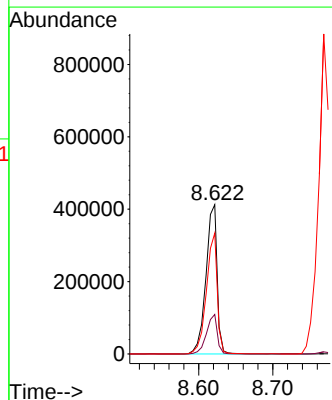
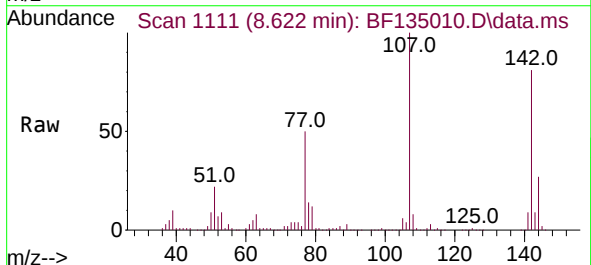
Instrument :
 BNA_F
 ClientSampleId :
 PB155120BSD

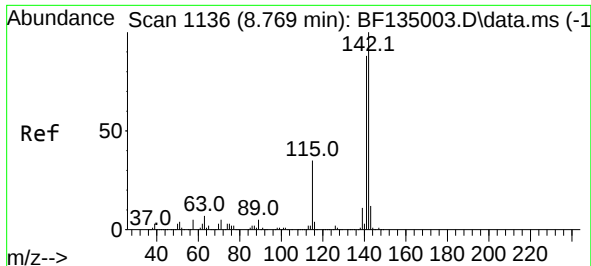
Tgt Ion:113 Resp: 67748
 Ion Ratio Lower Upper
 113 100
 55 194.4 160.6 200.6
 56 145.3 115.4 155.4



#36
 4-Chloro-3-methylphenol
 Concen: 47.453 ng
 RT: 8.622 min Scan# 1111
 Delta R.T. 0.006 min
 Lab File: BF135010.D
 Acq: 30 Aug 2023 17:53

Tgt Ion:107 Resp: 434547
 Ion Ratio Lower Upper
 107 100
 144 26.5 20.6 31.0
 142 80.9 64.4 96.6

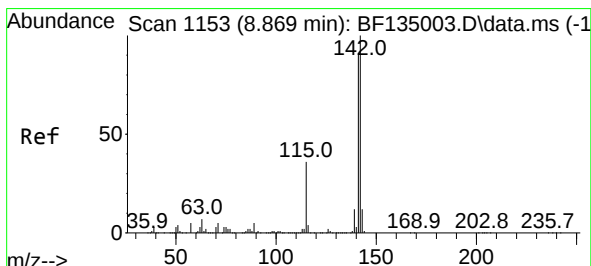
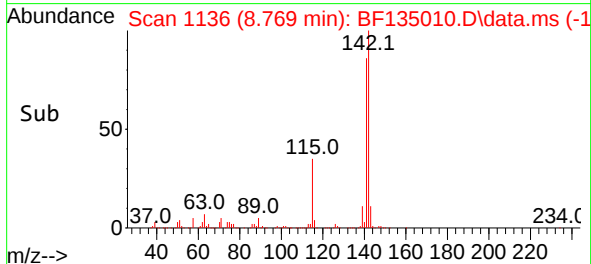
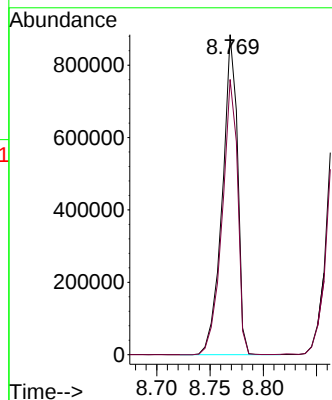
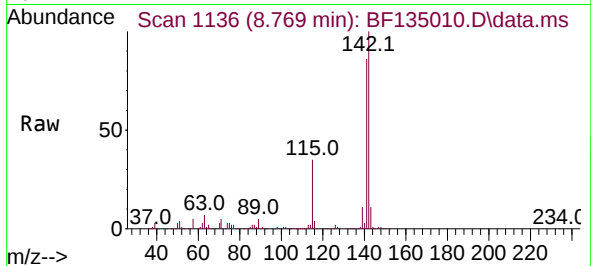




#37
2-Methylnaphthalene
Concen: 43.796 ng
RT: 8.769 min Scan# 1136
Delta R.T. -0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

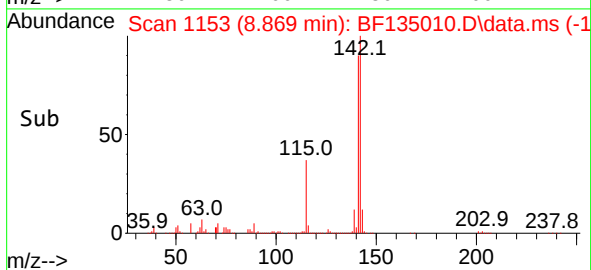
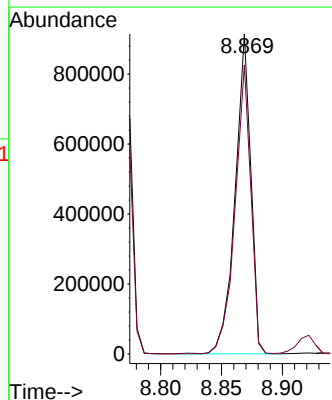
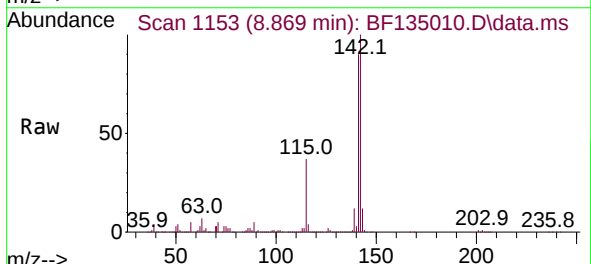
Instrument :
BNA_F
ClientSampleId :
PB155120BSD

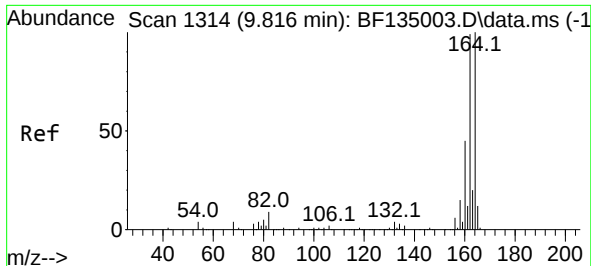
Tgt Ion:142 Resp: 871901
Ion Ratio Lower Upper
142 100
141 86.0 70.7 106.1



#38
1-Methylnaphthalene
Concen: 44.037 ng
RT: 8.869 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

Tgt Ion:142 Resp: 820317
Ion Ratio Lower Upper
142 100
141 90.3 73.0 109.4

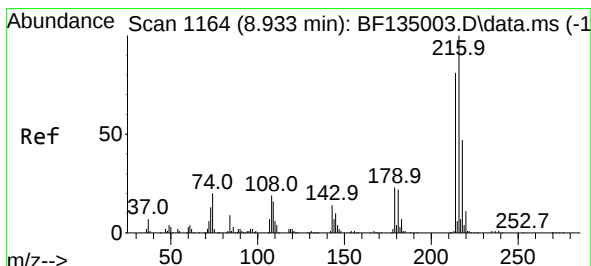
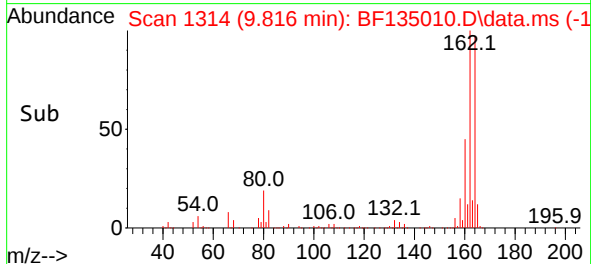
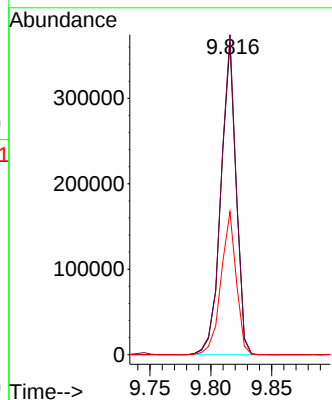
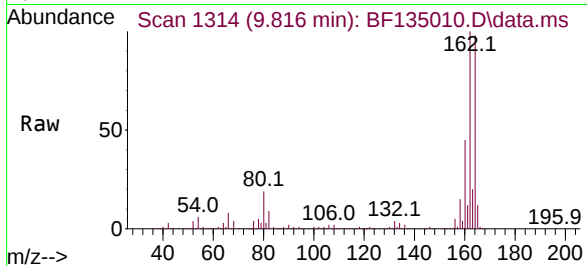




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

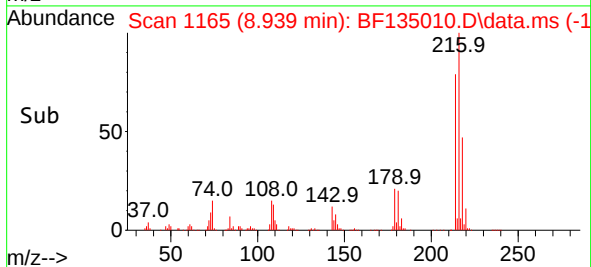
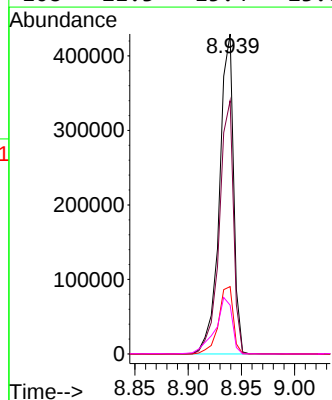
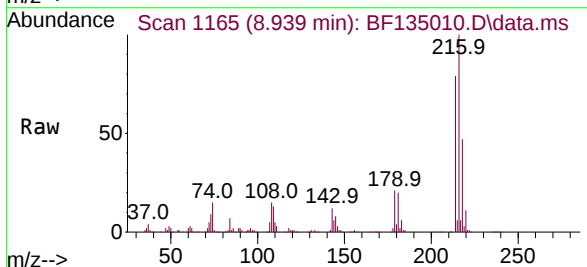
Instrument :
BNA_F
ClientSampleId :
PB155120BSD

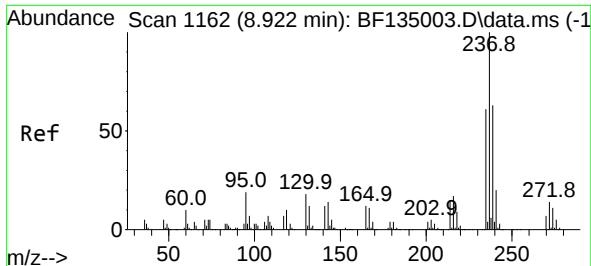
Tgt Ion:164 Resp: 318011
Ion Ratio Lower Upper
164 100
162 102.5 79.5 119.3
160 45.8 36.0 54.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.146 ng
RT: 8.939 min Scan# 1165
Delta R.T. 0.006 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

Tgt Ion:216 Resp: 393002
Ion Ratio Lower Upper
216 100
214 79.8 63.8 95.8
179 21.9 17.7 26.5
108 21.3 15.4 23.0

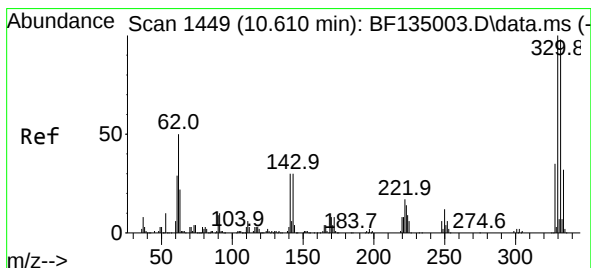
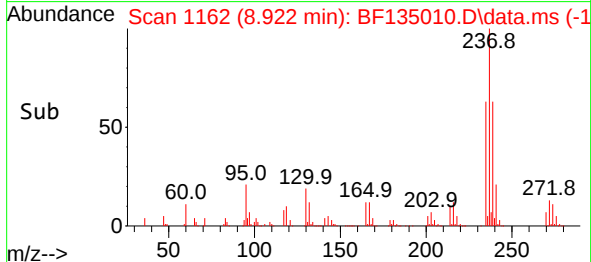
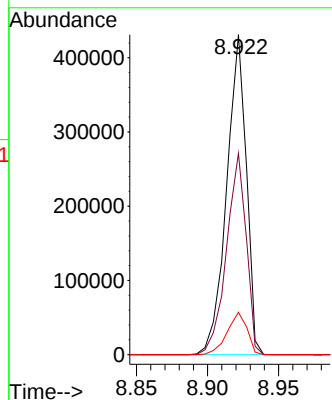
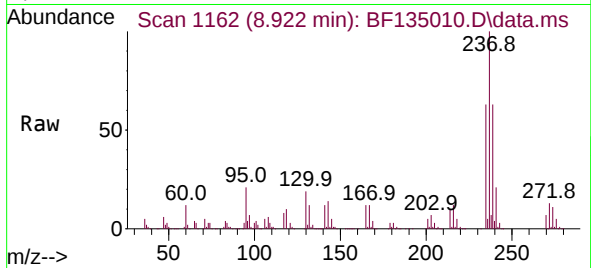




#41
Hexachlorocyclopentadiene
Concen: 109.533 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

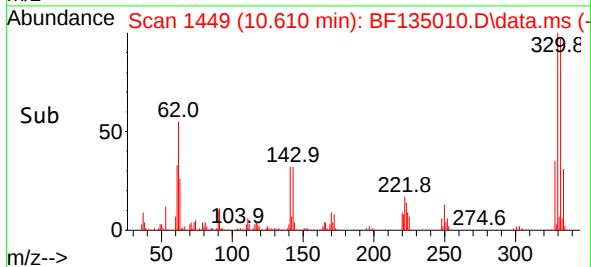
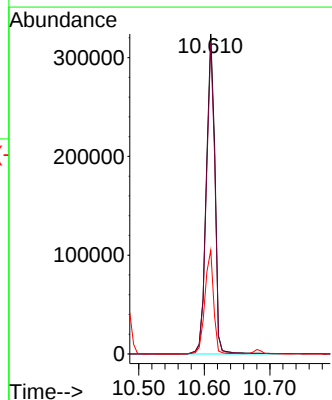
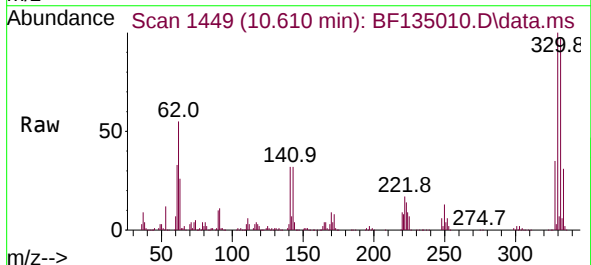
Instrument :
BNA_F
ClientSampleId :
PB155120BSD

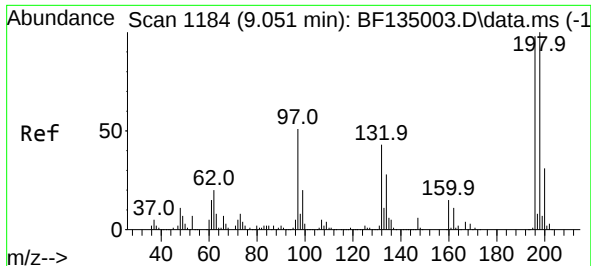
Tgt Ion:237 Resp: 415023
Ion Ratio Lower Upper
237 100
235 62.9 40.9 80.9
272 13.2 0.0 33.9



#42
2,4,6-Tribromophenol
Concen: 87.897 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

Tgt Ion:330 Resp: 296514
Ion Ratio Lower Upper
330 100
332 95.7 77.6 116.4
141 32.8 26.3 39.5

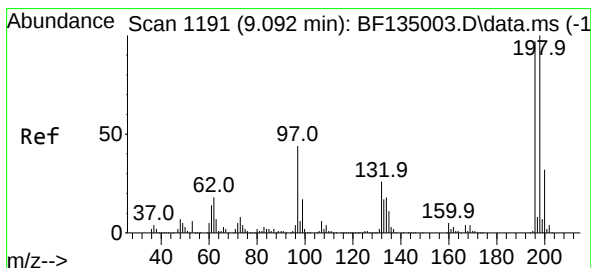
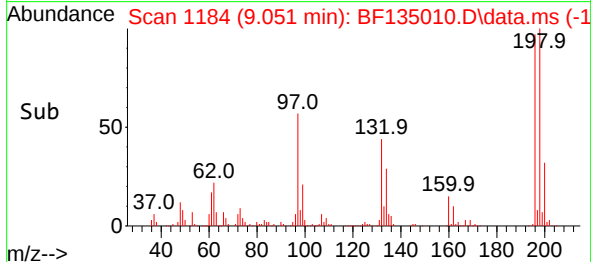
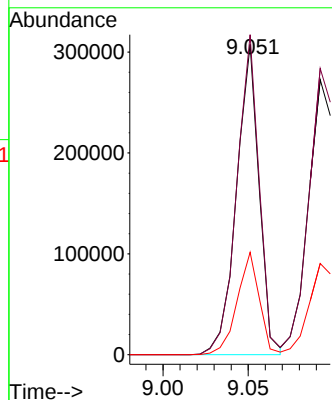
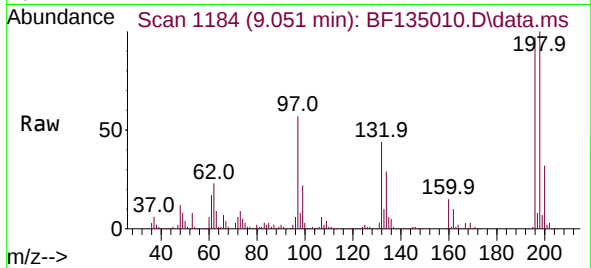




#43
2,4,6-Trichlorophenol
Concen: 47.458 ng
RT: 9.051 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

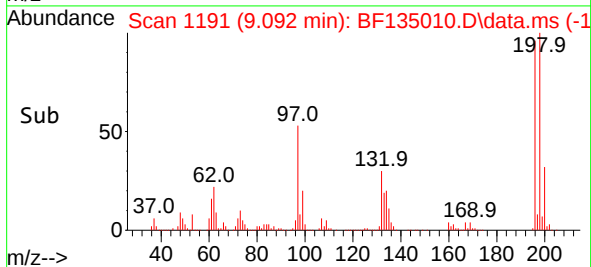
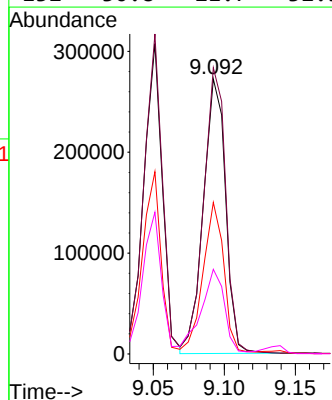
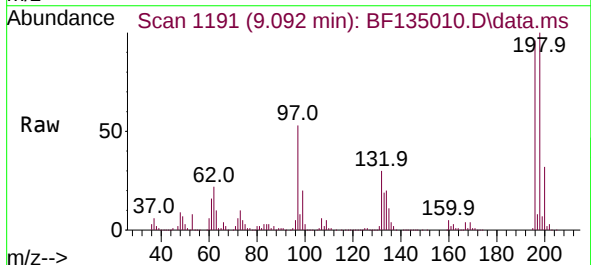
Instrument :
BNA_F
ClientSampleId :
PB155120BSD

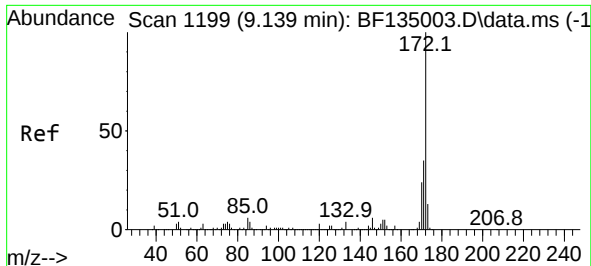
Tgt Ion:196 Resp: 283736
Ion Ratio Lower Upper
196 100
198 103.1 81.8 122.6
200 33.0 25.7 38.5



#44
2,4,5-Trichlorophenol
Concen: 42.987 ng
RT: 9.092 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

Tgt Ion:196 Resp: 297544
Ion Ratio Lower Upper
196 100
198 104.1 82.8 124.2
97 55.1 36.5 54.7#
132 30.8 21.7 32.5

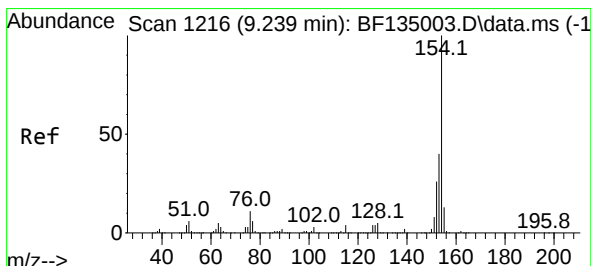
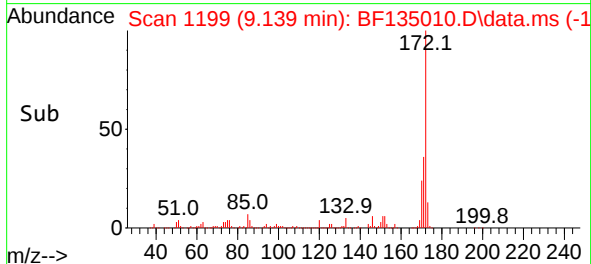
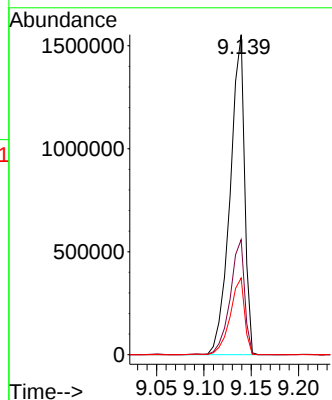
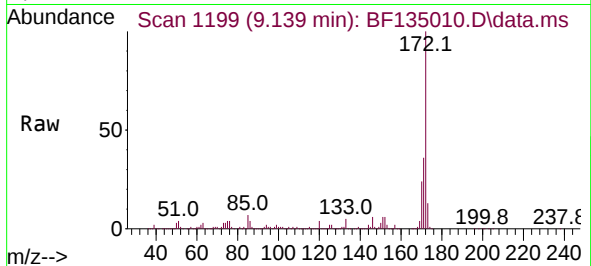




#45
2-Fluorobiphenyl
Concen: 84.661 ng
RT: 9.139 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

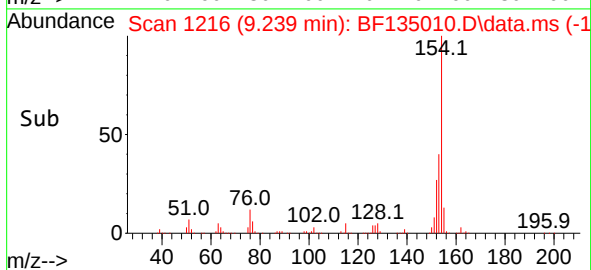
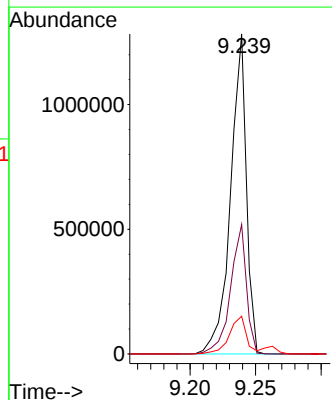
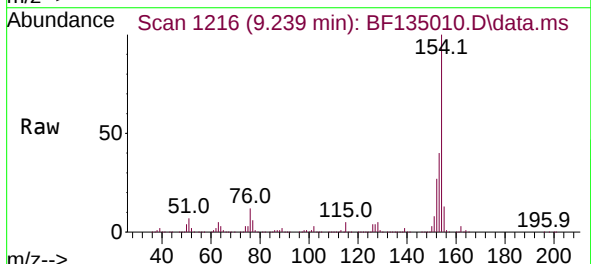
Instrument :
BNA_F
ClientSampleId :
PB155120BSD

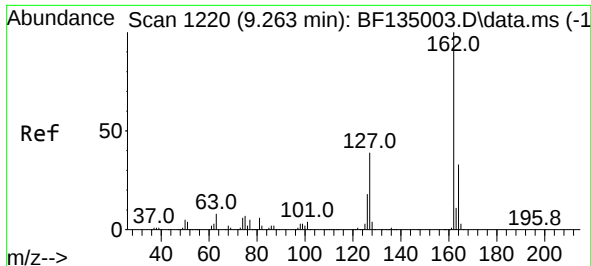
Tgt Ion:172 Resp: 1653653
Ion Ratio Lower Upper
172 100
171 36.0 28.2 42.2
170 23.9 19.0 28.4



#46
1,1'-Biphenyl
Concen: 44.354 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

Tgt Ion:154 Resp: 1077647
Ion Ratio Lower Upper
154 100
153 40.5 20.2 60.2
76 11.8 0.0 31.2

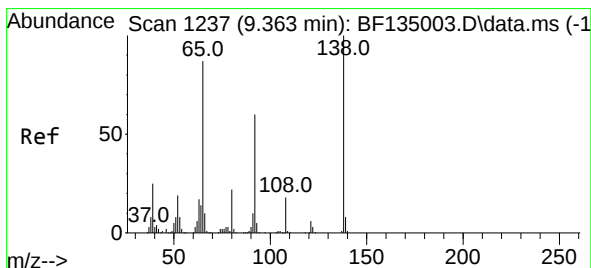
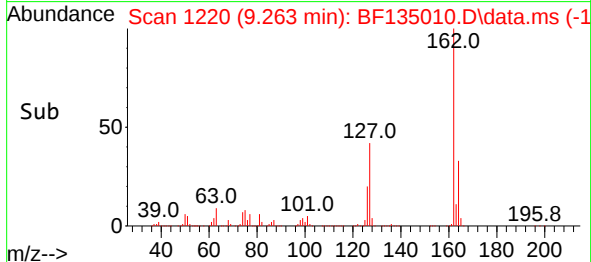
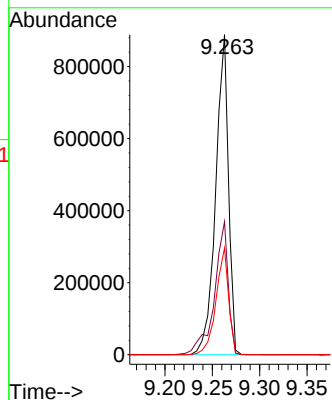
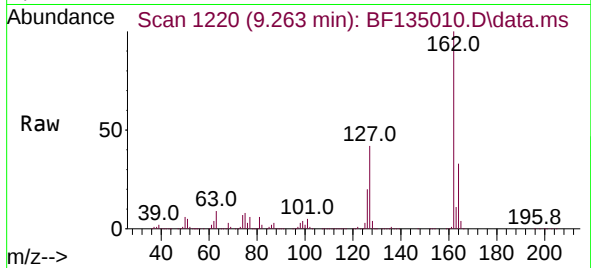




#47
2-Chloronaphthalene
Concen: 45.552 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

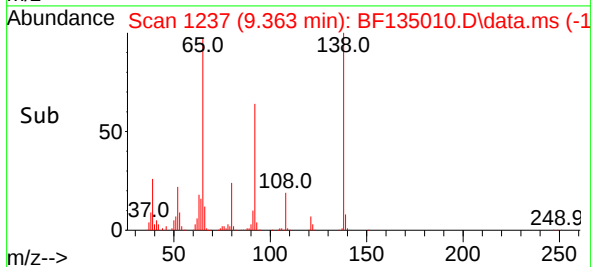
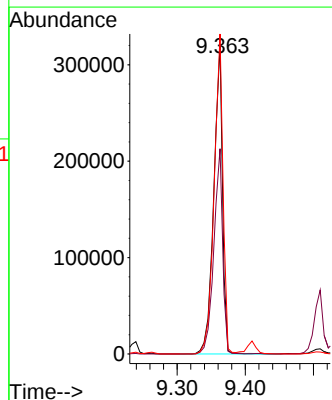
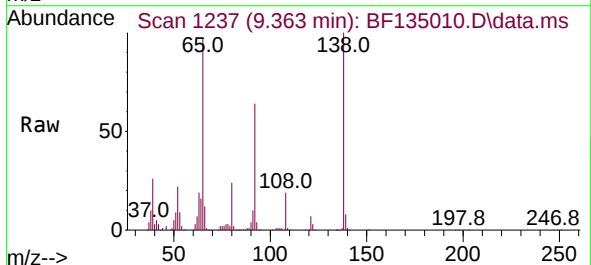
Instrument :
BNA_F
ClientSampleId :
PB155120BSD

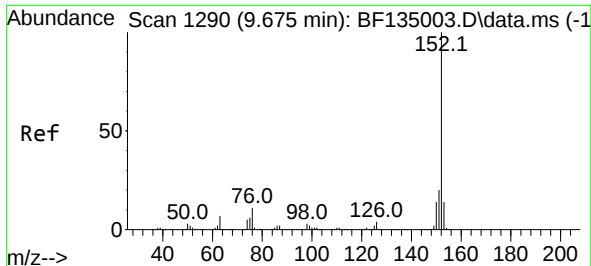
Tgt Ion:162 Resp: 832279
Ion Ratio Lower Upper
162 100
127 41.5 31.8 47.6
164 33.3 26.6 39.8



#48
2-Nitroaniline
Concen: 45.903 ng
RT: 9.363 min Scan# 1237
Delta R.T. 0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

Tgt Ion: 65 Resp: 287101
Ion Ratio Lower Upper
65 100
92 66.3 54.9 82.3
138 103.3 91.6 137.4





#49

Acenaphthylene

Concen: 45.976 ng

RT: 9.680 min Scan# 1290

Delta R.T. 0.006 min

Lab File: BF135010.D

Acq: 30 Aug 2023 17:53

Instrument :

BNA_F

ClientSampleId :

PB155120BSD

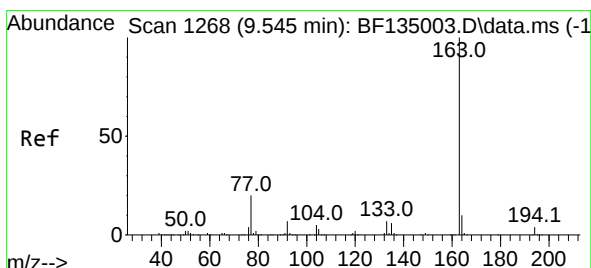
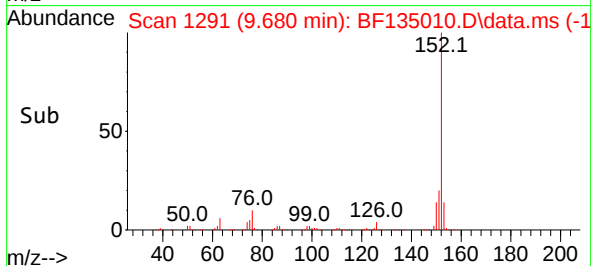
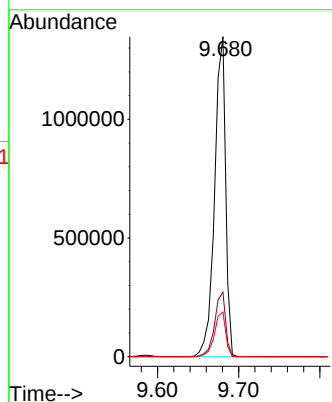
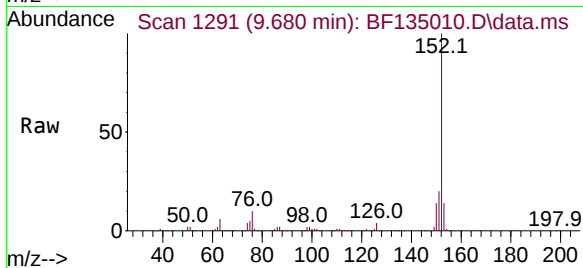
Tgt Ion:152 Resp: 1269823

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.4

153 14.0 11.4 17.0



#50

Dimethylphthalate

Concen: 45.396 ng

RT: 9.545 min Scan# 1268

Delta R.T. -0.000 min

Lab File: BF135010.D

Acq: 30 Aug 2023 17:53

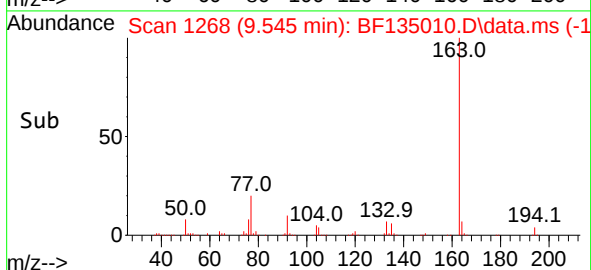
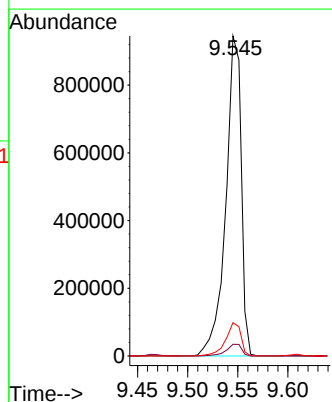
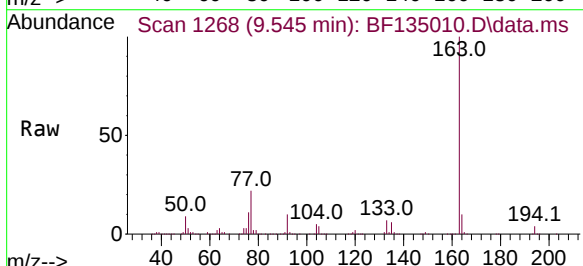
Tgt Ion:163 Resp: 1010858

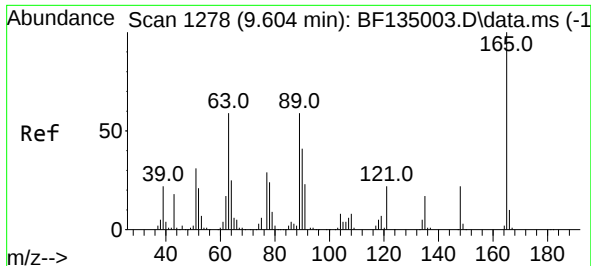
Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.6

164 10.4 8.1 12.1

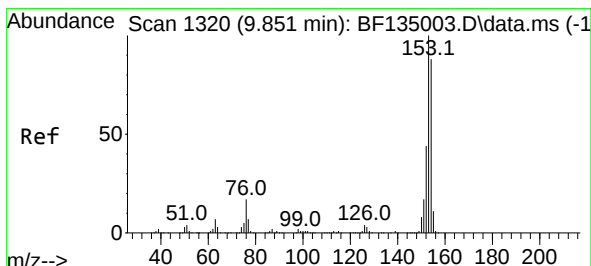
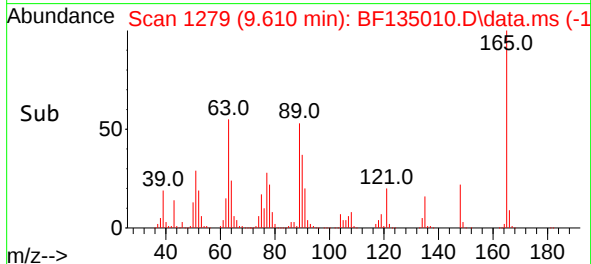
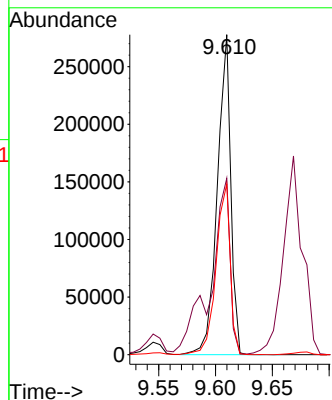
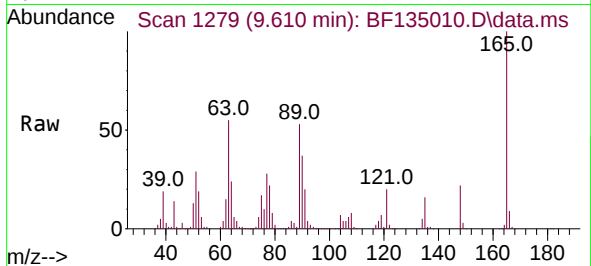




#51
2,6-Dinitrotoluene
Concen: 46.938 ng
RT: 9.610 min Scan# 1279
Delta R.T. 0.006 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

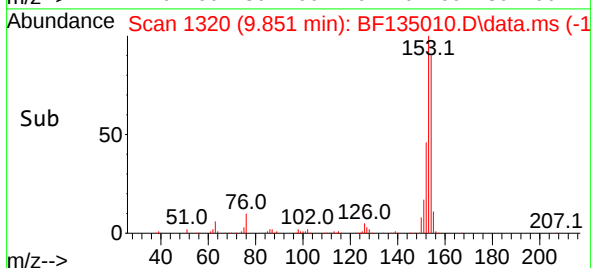
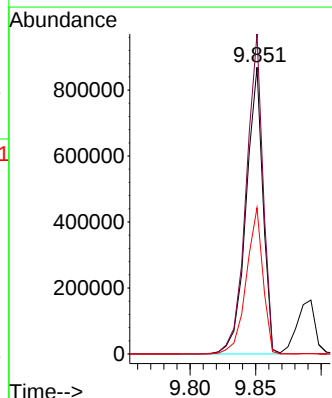
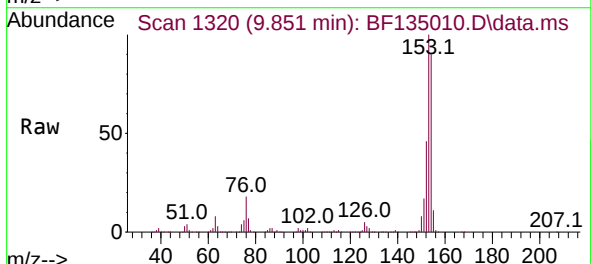
Instrument :
BNA_F
ClientSampleId :
PB155120BSD

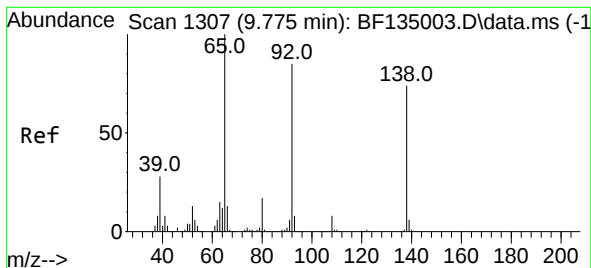
Tgt Ion:165 Resp: 229343
Ion Ratio Lower Upper
165 100
63 55.1 50.4 75.6
89 53.4 47.1 70.7



#52
Acenaphthene
Concen: 44.285 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

Tgt Ion:154 Resp: 779457
Ion Ratio Lower Upper
154 100
153 111.6 90.8 136.2
152 51.0 40.2 60.4





#53

3-Nitroaniline

Concen: 33.747 ng

RT: 9.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF135010.D

Acq: 30 Aug 2023 17:53

Instrument :

BNA_F

ClientSampleId :

PB155120BSD

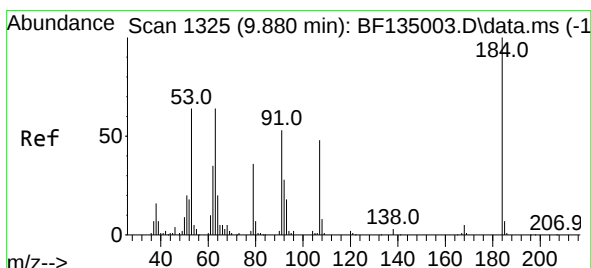
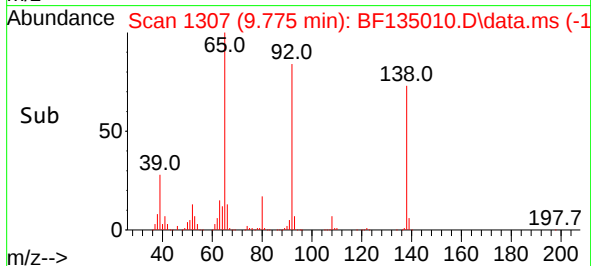
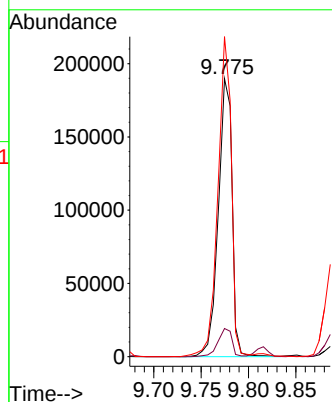
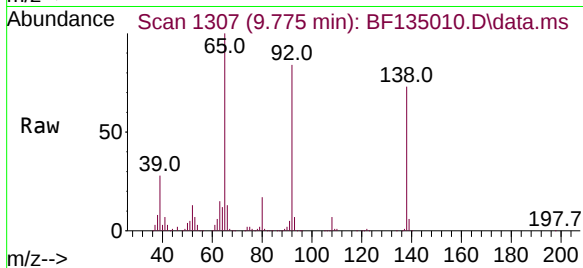
Tgt Ion:138 Resp: 192076

Ion Ratio Lower Upper

138 100

108 10.2 8.6 13.0

92 115.1 92.2 138.4



#54

2,4-Dinitrophenol

Concen: 107.691 ng

RT: 9.892 min Scan# 1327

Delta R.T. 0.012 min

Lab File: BF135010.D

Acq: 30 Aug 2023 17:53

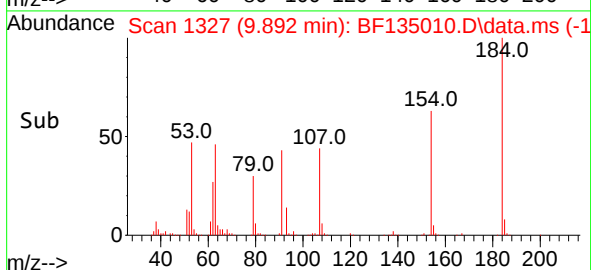
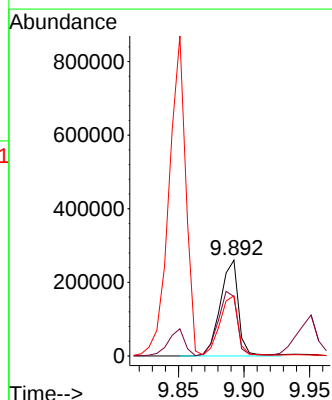
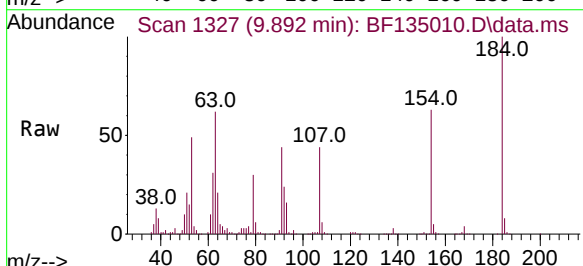
Tgt Ion:184 Resp: 251478

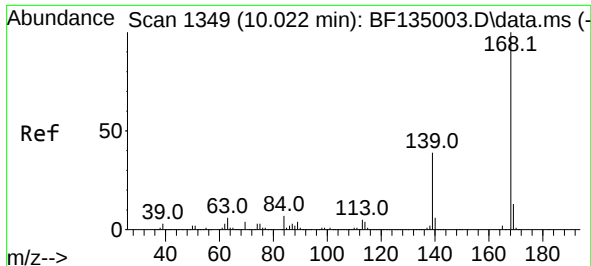
Ion Ratio Lower Upper

184 100

63 62.1 62.2 93.2#

154 62.8 52.3 78.5

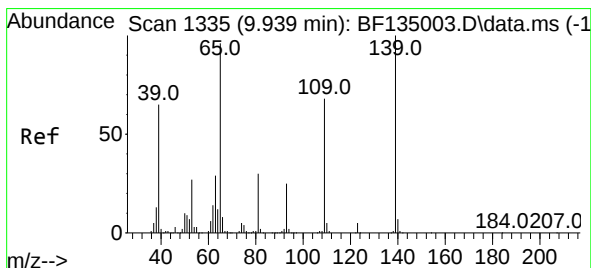
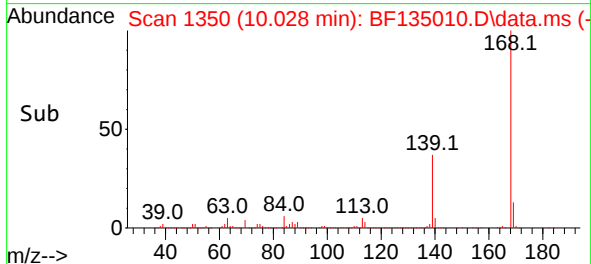
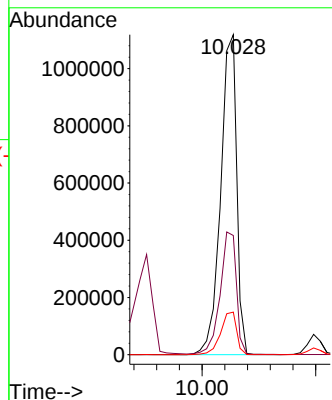
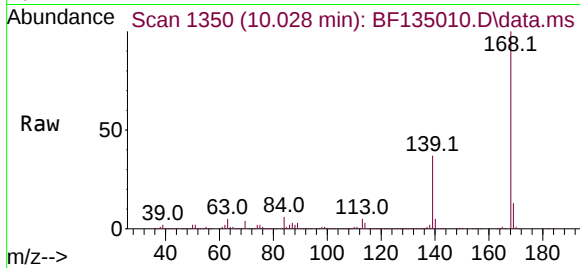




#55
Dibenzenofuran
Concen: 43.312 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.005 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

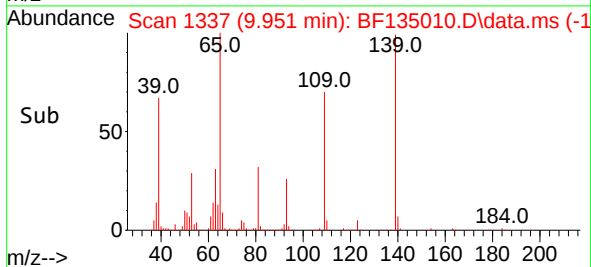
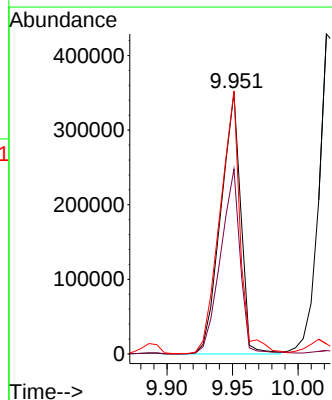
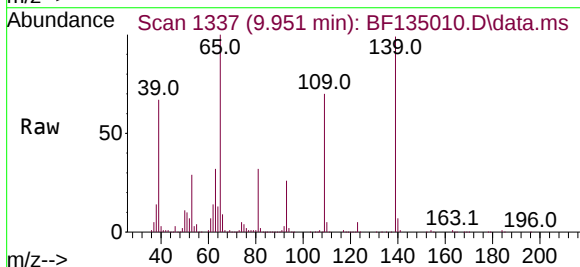
Instrument :
BNA_F
ClientSampleId :
PB155120BSD

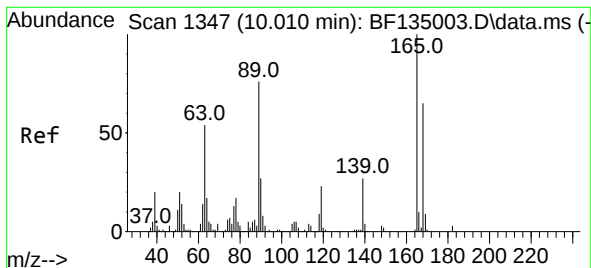
Tgt Ion:168 Resp: 1099707
Ion Ratio Lower Upper
168 100
139 37.3 31.5 47.3
169 13.3 10.7 16.1



#56
4-Nitrophenol
Concen: 92.753 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.012 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

Tgt Ion:139 Resp: 371092
Ion Ratio Lower Upper
139 100
109 70.8 47.7 87.7
65 100.7 75.9 115.9

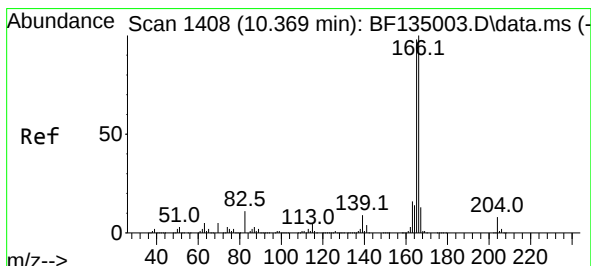
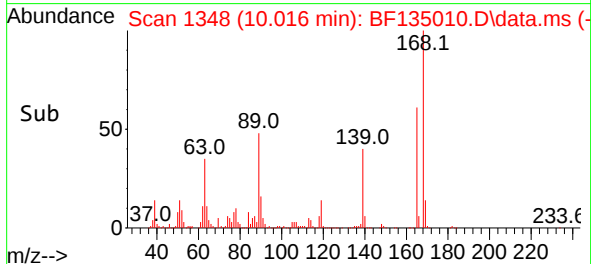
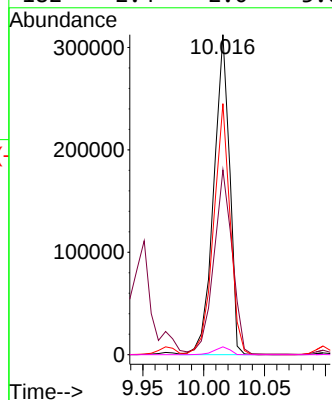
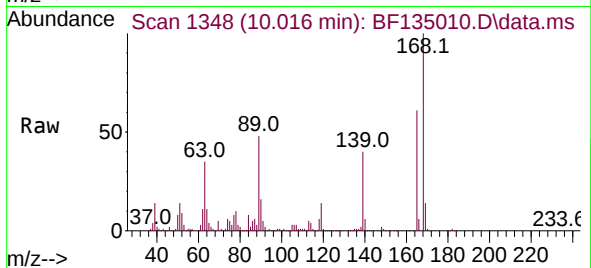




#57
2,4-Dinitrotoluene
Concen: 46.374 ng
RT: 10.016 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

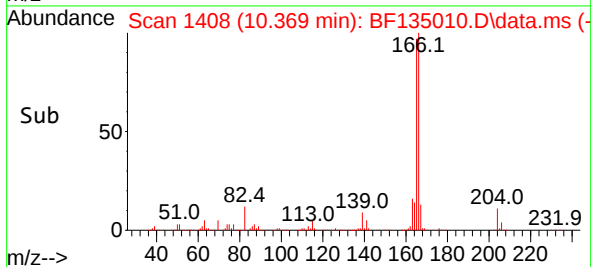
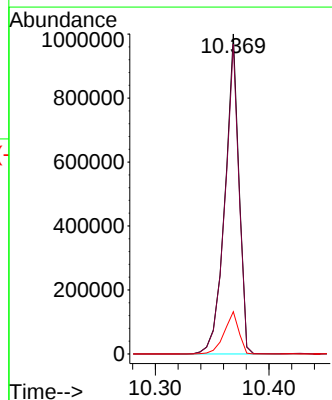
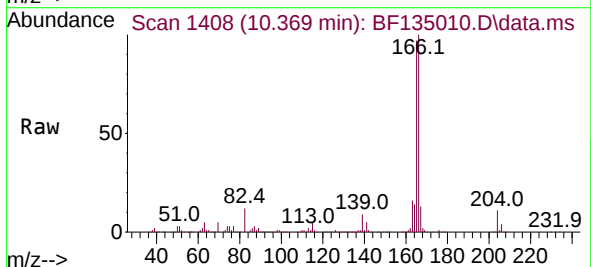
Instrument :
BNA_F
ClientSampleId :
PB155120BSD

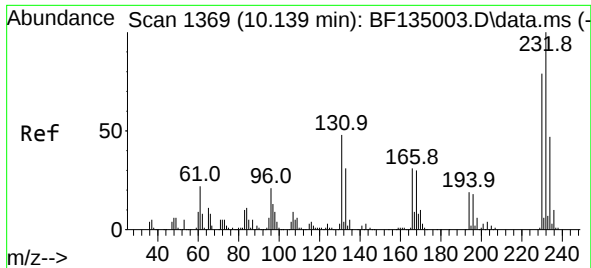
Tgt Ion:165 Resp: 282374
Ion Ratio Lower Upper
165 100
63 57.8 43.2 64.8
89 78.5 60.8 91.2
182 2.4 2.0 3.0



#58
Fluorene
Concen: 44.071 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

Tgt Ion:166 Resp: 853076
Ion Ratio Lower Upper
166 100
165 96.8 78.0 117.0
167 13.2 10.8 16.2

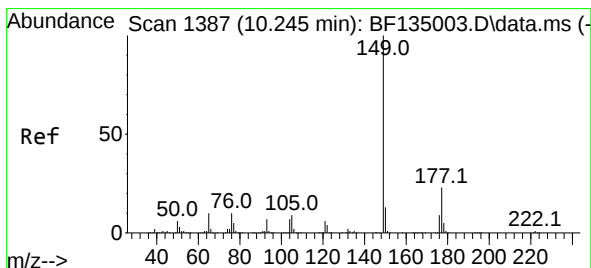
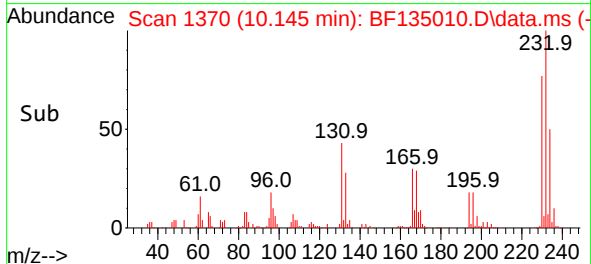
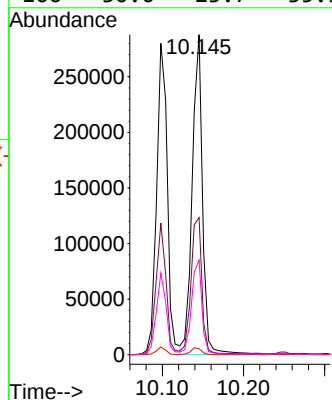
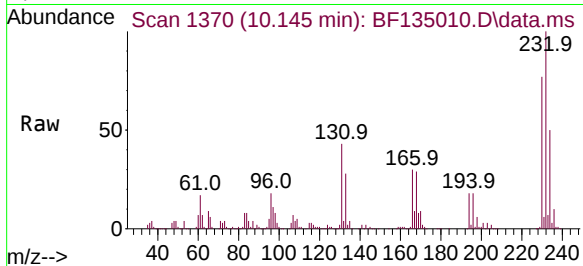




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.460 ng
RT: 10.145 min Scan# 1369
Delta R.T. 0.006 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

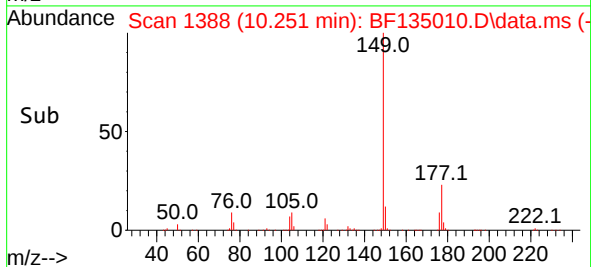
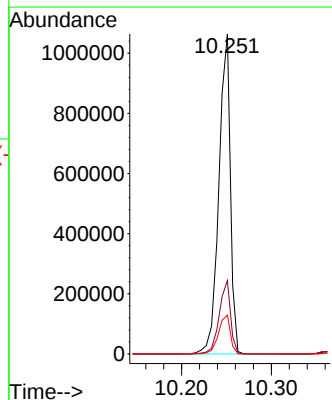
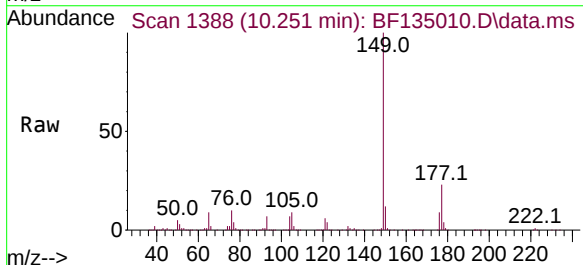
Instrument :
BNA_F
ClientSampleId :
PB155120BSD

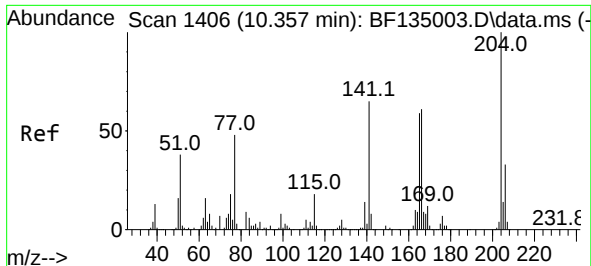
Tgt Ion:232 Resp: 252958
Ion Ratio Lower Upper
232 100
131 45.4 35.3 52.9
130 2.3 1.7 2.5
166 30.0 23.7 35.5



#60
Diethylphthalate
Concen: 45.141 ng
RT: 10.251 min Scan# 1388
Delta R.T. 0.006 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

Tgt Ion:149 Resp: 946206
Ion Ratio Lower Upper
149 100
177 23.0 18.5 27.7
150 12.1 10.1 15.1

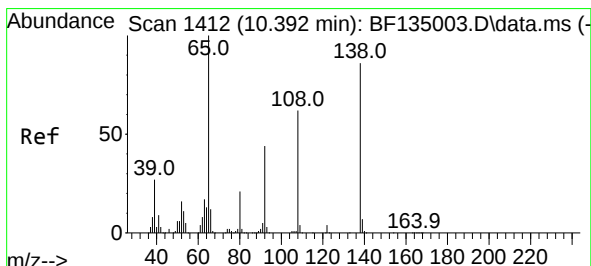
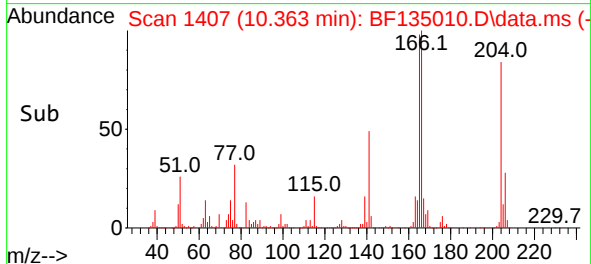
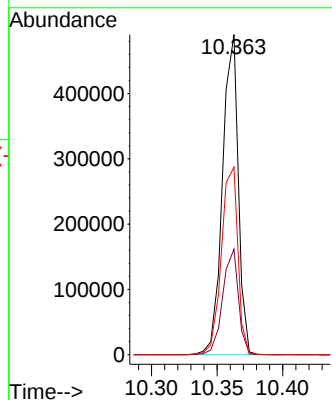
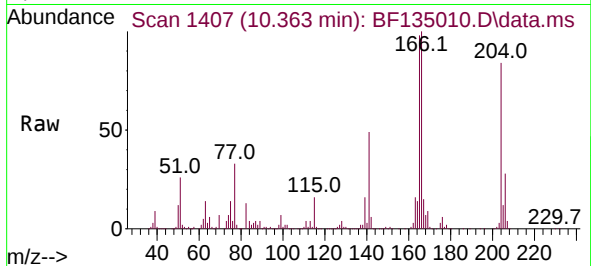




#61
4-Chlorophenyl-phenylether
Concen: 42.680 ng
RT: 10.363 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

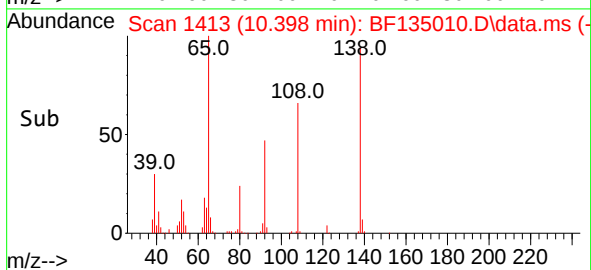
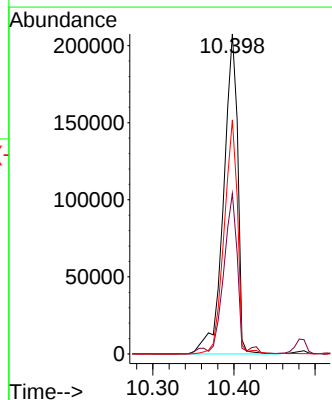
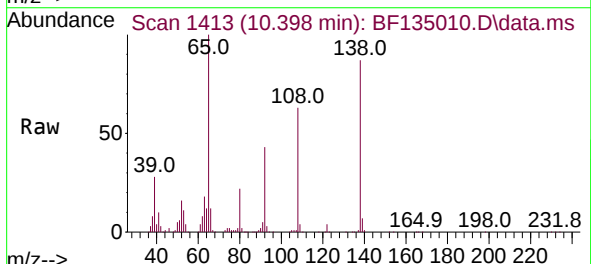
Instrument :
BNA_F
ClientSampleId :
PB155120BSD

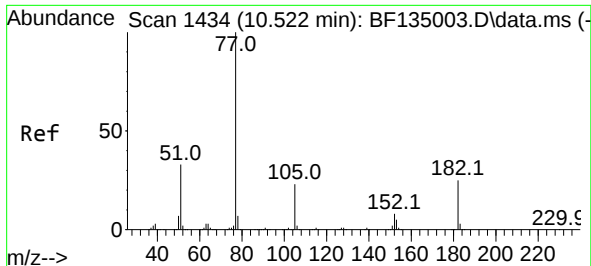
Tgt Ion:204 Resp: 408642
Ion Ratio Lower Upper
204 100
206 33.0 26.3 39.5
141 58.6 51.8 77.6



#62
4-Nitroaniline
Concen: 45.253 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.006 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

Tgt Ion:138 Resp: 252022
Ion Ratio Lower Upper
138 100
92 50.2 30.7 70.7
108 73.1 51.7 91.7

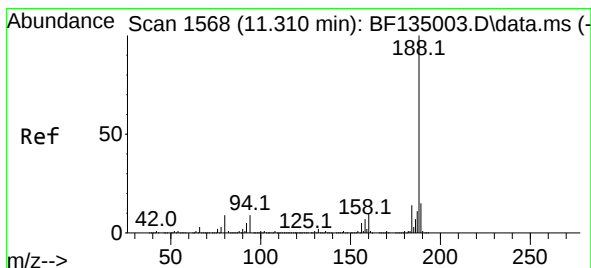
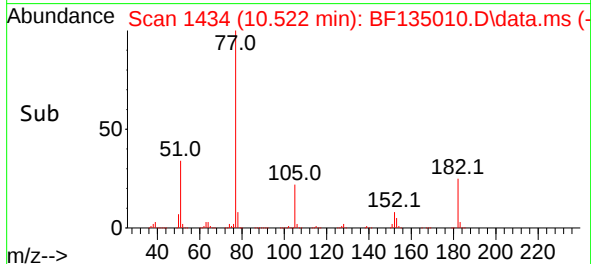
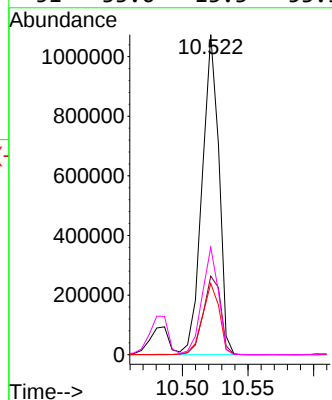
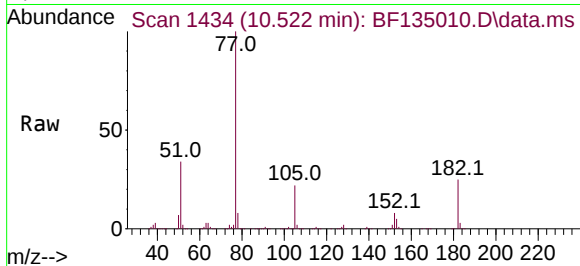




#63
Azobenzene
Concen: 45.185 ng
RT: 10.522 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

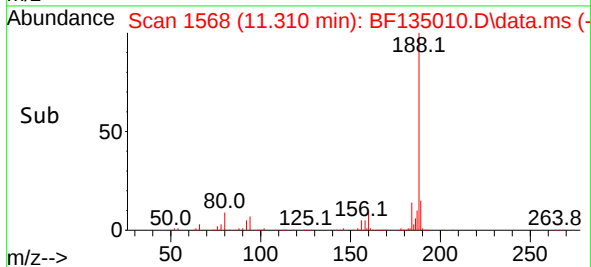
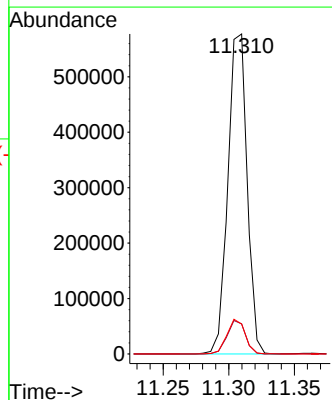
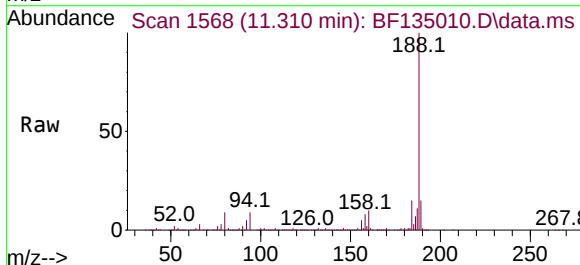
Instrument :
BNA_F
ClientSampleId :
PB155120BSD

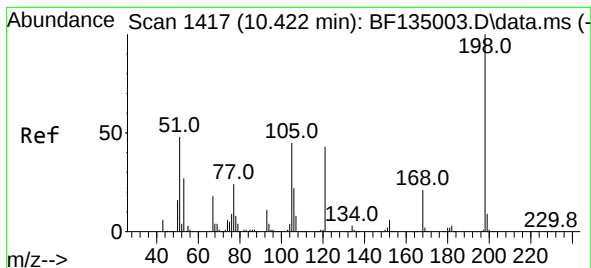
Tgt Ion: 77 Resp: 953670
Ion Ratio Lower Upper
77 100
182 24.6 4.9 44.9
105 22.2 2.7 42.7
51 33.6 13.3 53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

Tgt Ion:188 Resp: 588667
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.4
80 9.4 7.4 11.2

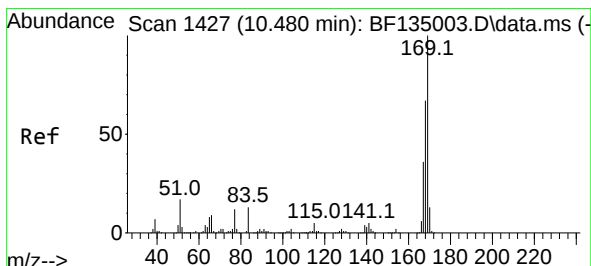
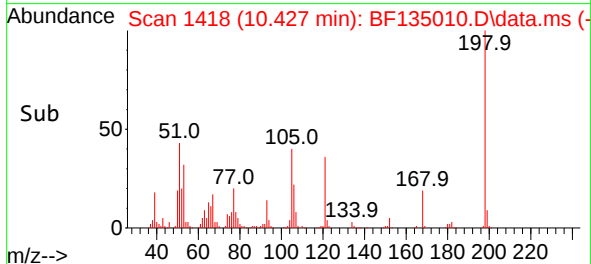
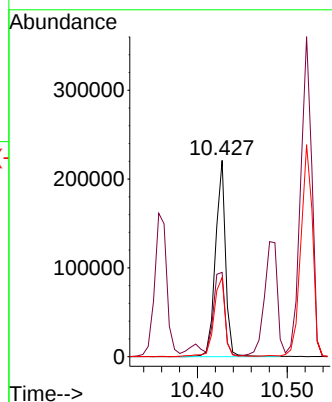
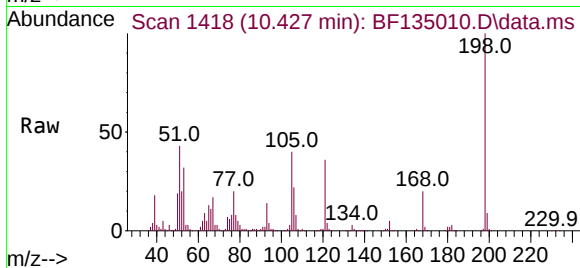




#65
 4,6-Dinitro-2-methylphenol
 Concen: 48.238 ng
 RT: 10.427 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: BF135010.D
 Acq: 30 Aug 2023 17:53

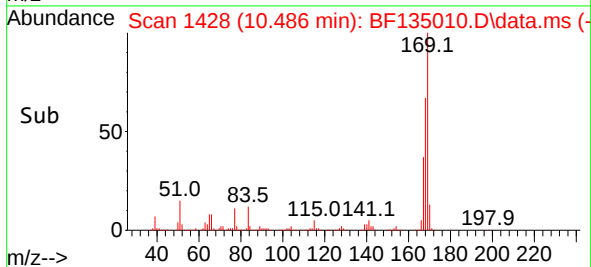
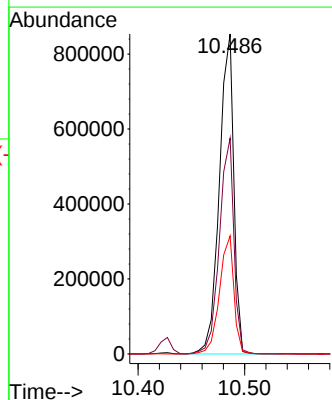
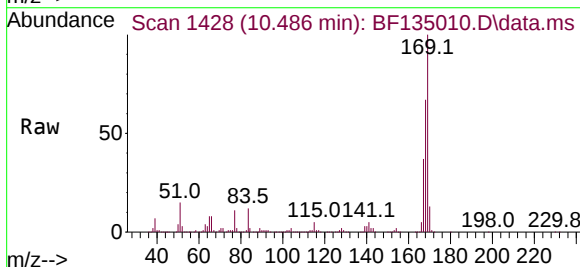
Instrument :
 BNA_F
 ClientSampleId :
 PB155120BSD

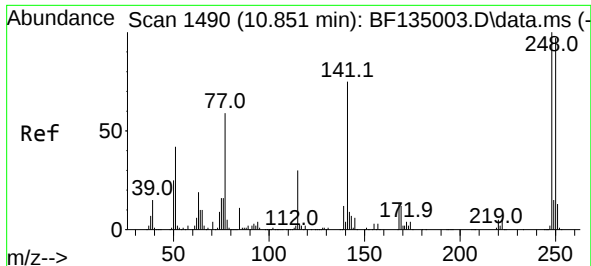
Tgt Ion:198 Resp: 171860
 Ion Ratio Lower Upper
 198 100
 51 43.0 35.7 75.7
 105 40.3 25.9 65.9



#66
 n-Nitrosodiphenylamine
 Concen: 43.662 ng
 RT: 10.486 min Scan# 1428
 Delta R.T. 0.006 min
 Lab File: BF135010.D
 Acq: 30 Aug 2023 17:53

Tgt Ion:169 Resp: 799179
 Ion Ratio Lower Upper
 169 100
 168 67.4 53.4 80.0
 167 36.9 29.0 43.4

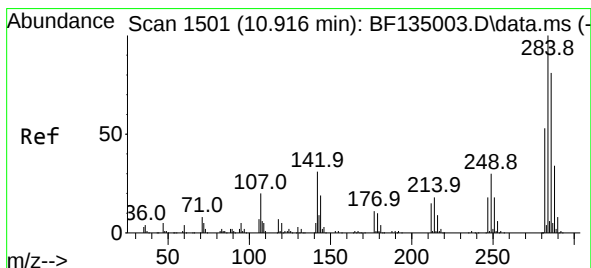
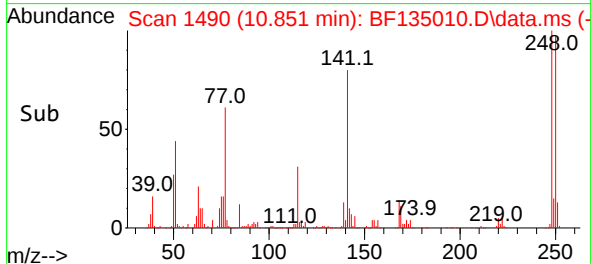
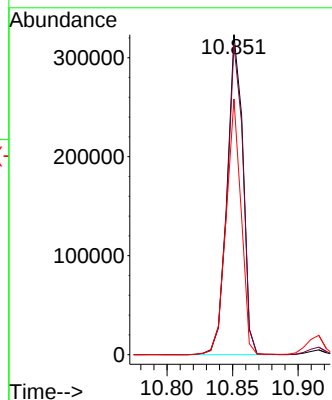
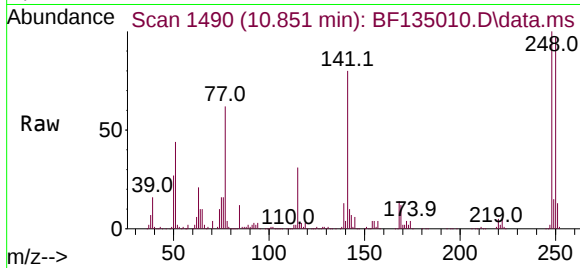




#67
4-Bromophenyl-phenylether
Concen: 43.603 ng
RT: 10.851 min Scan# 1490
Delta R.T. -0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

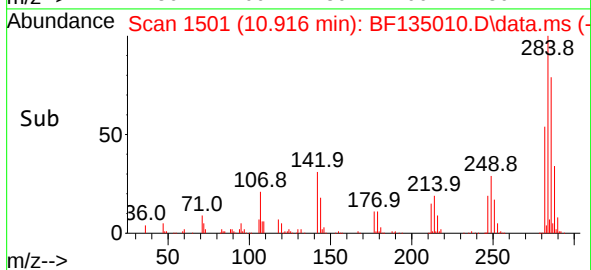
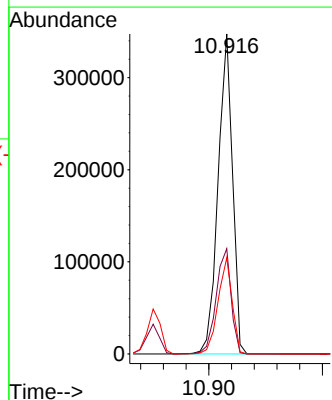
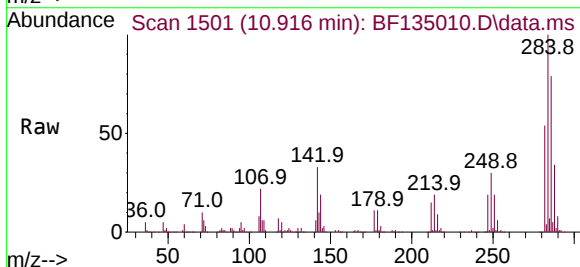
Instrument :
BNA_F
ClientSampleId :
PB155120BSD

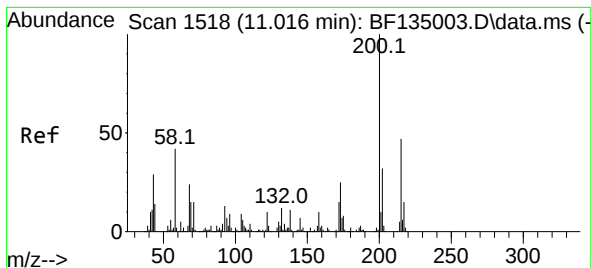
Tgt Ion:248 Resp: 272244
Ion Ratio Lower Upper
248 100
250 96.8 77.9 116.9
141 79.9 59.8 89.8



#68
Hexachlorobenzene
Concen: 47.499 ng
RT: 10.916 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

Tgt Ion:284 Resp: 306660
Ion Ratio Lower Upper
284 100
142 32.9 25.1 37.7
249 30.0 24.1 36.1





#69

Atrazine

Concen: Below Cal

RT: 11.022 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF135010.D

Acq: 30 Aug 2023 17:53

Instrument :

BNA_F

ClientSampleId :

PB155120BSD

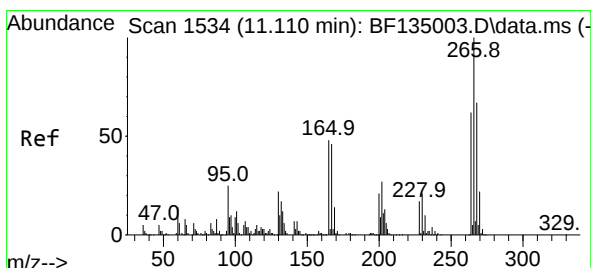
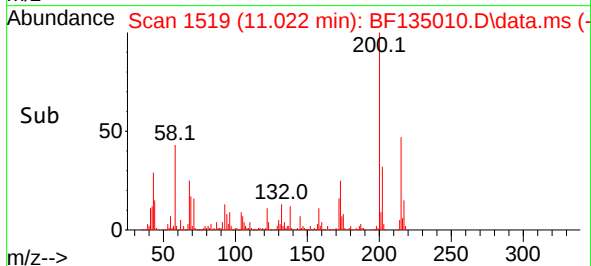
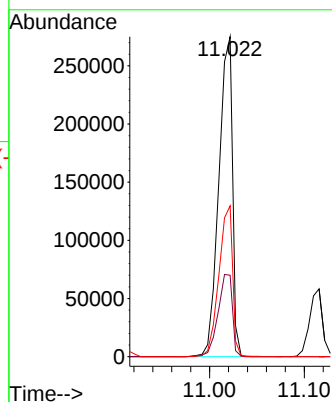
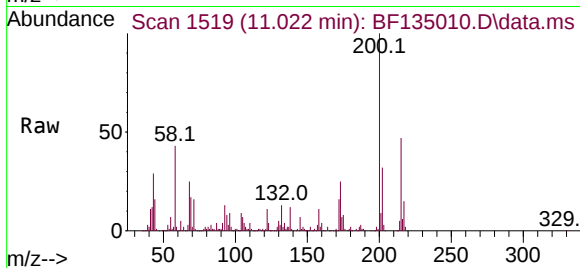
Tgt Ion:200 Resp: 275890

Ion Ratio Lower Upper

200 100

173 25.4 5.0 45.0

215 47.2 26.9 66.9



#70

Pentachlorophenol

Concen: 74.641 ng

RT: 11.116 min Scan# 1535

Delta R.T. 0.006 min

Lab File: BF135010.D

Acq: 30 Aug 2023 17:53

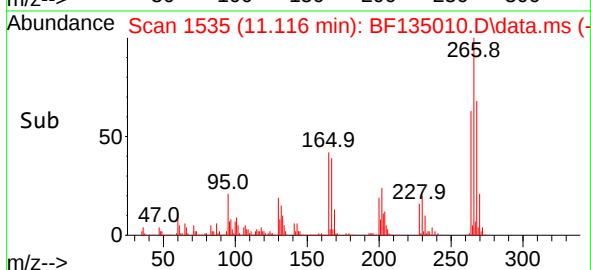
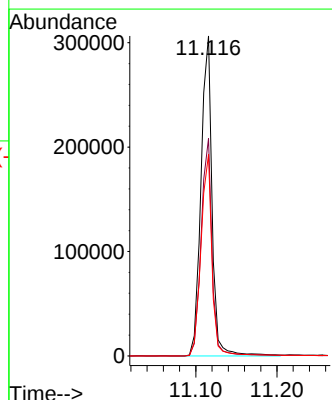
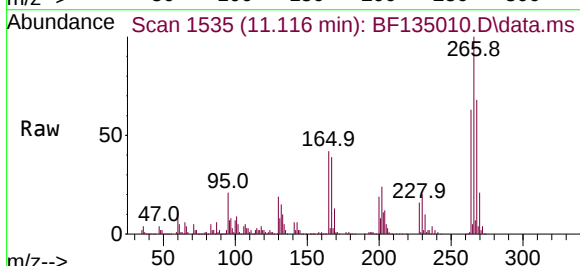
Tgt Ion:266 Resp: 291540

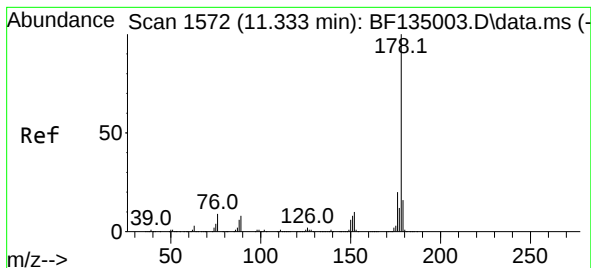
Ion Ratio Lower Upper

266 100

268 68.0 53.3 79.9

264 62.9 49.3 73.9





#71

Phenanthrene

Concen: 43.913 ng

RT: 11.333 min Scan# 1572

Delta R.T. -0.000 min

Lab File: BF135010.D

Acq: 30 Aug 2023 17:53

Instrument :

BNA_F

ClientSampleId :

PB155120BSD

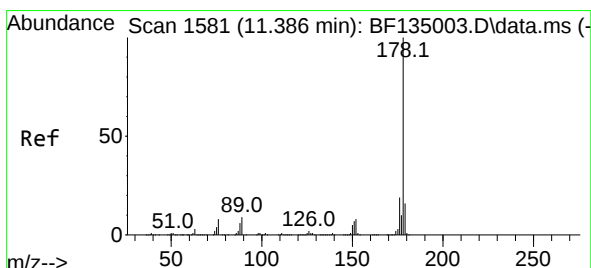
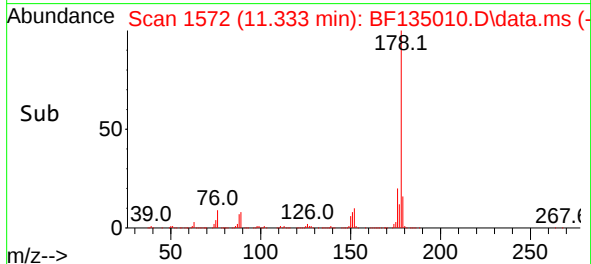
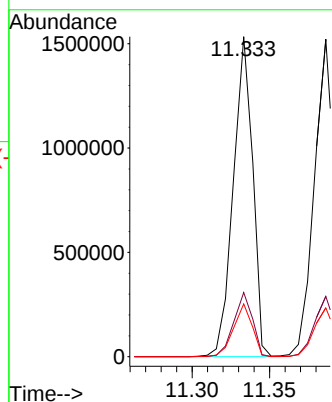
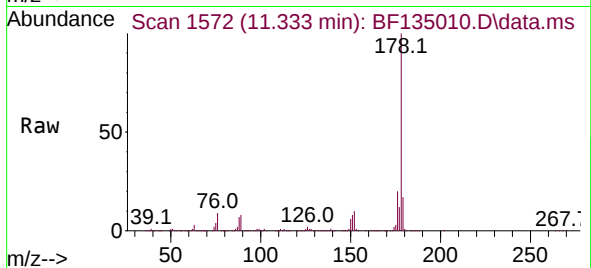
Tgt Ion:178 Resp: 1333636

Ion Ratio Lower Upper

178 100

176 20.0 15.9 23.9

179 16.5 12.5 18.7



#72

Anthracene

Concen: 44.141 ng

RT: 11.386 min Scan# 1581

Delta R.T. 0.000 min

Lab File: BF135010.D

Acq: 30 Aug 2023 17:53

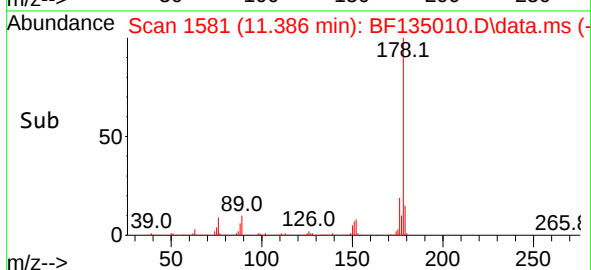
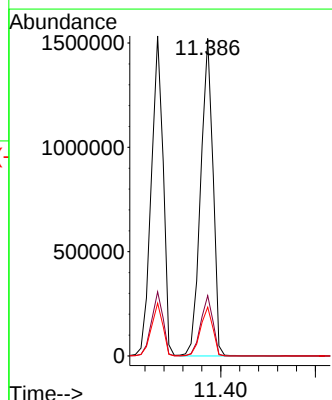
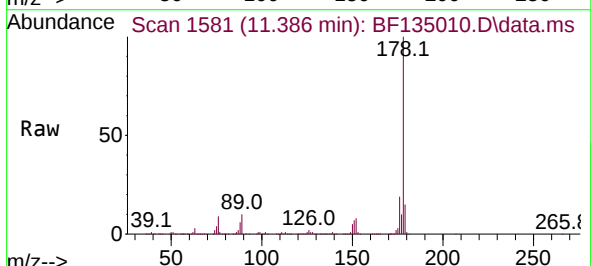
Tgt Ion:178 Resp: 1369640

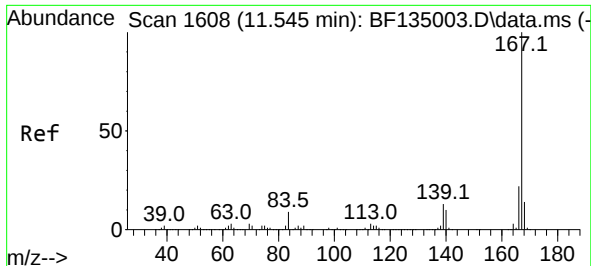
Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

179 15.4 12.8 19.2

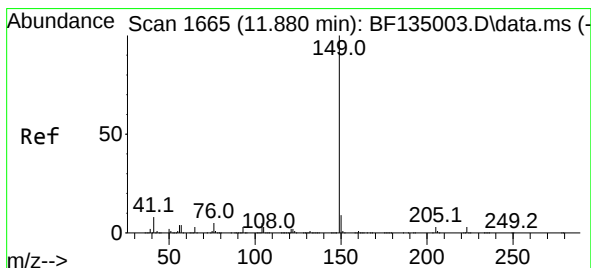
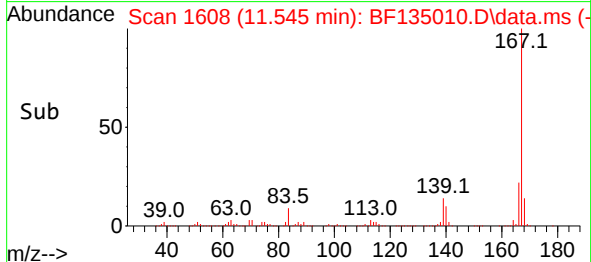
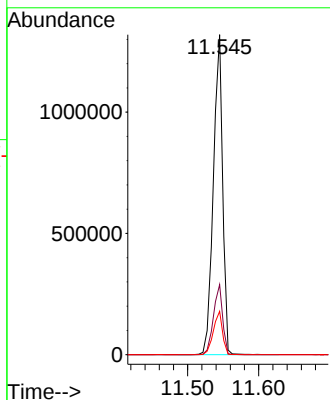
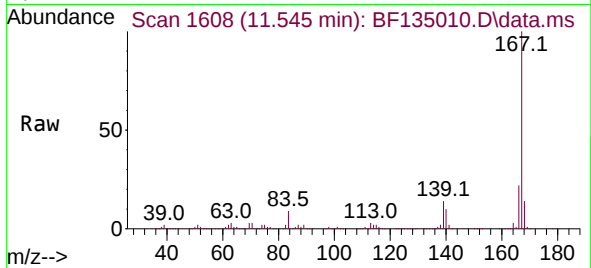




#73
 Carbazole
 Concen: 44.864 ng
 RT: 11.545 min Scan# 1608
 Delta R.T. -0.000 min
 Lab File: BF135010.D
 Acq: 30 Aug 2023 17:53

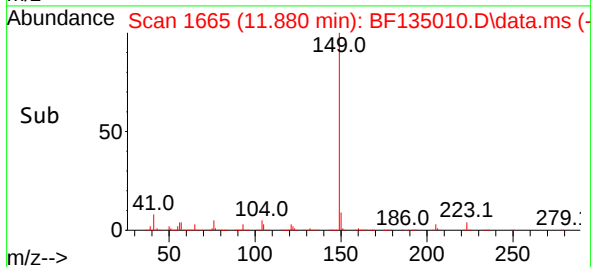
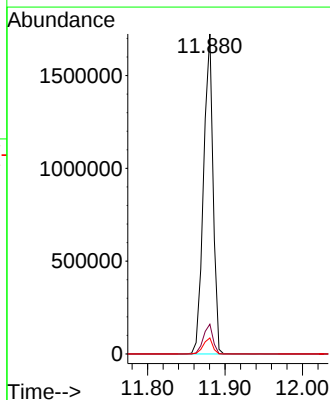
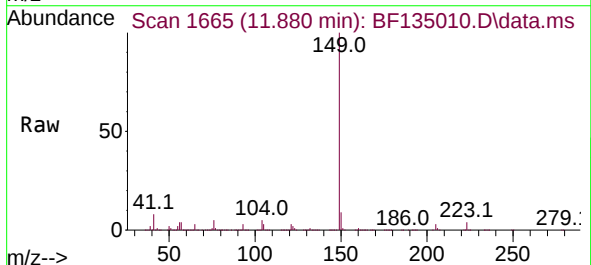
Instrument :
 BNA_F
 ClientSampleId :
 PB155120BSD

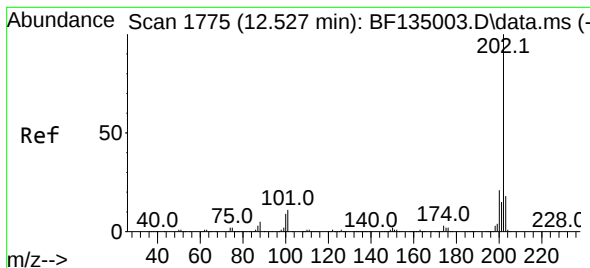
Tgt Ion:167 Resp: 1200681
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.2
 139 13.5 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 45.552 ng
 RT: 11.880 min Scan# 1665
 Delta R.T. 0.000 min
 Lab File: BF135010.D
 Acq: 30 Aug 2023 17:53

Tgt Ion:149 Resp: 1469575
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.0 4.0 6.0

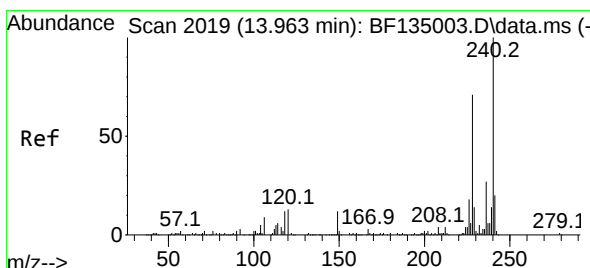
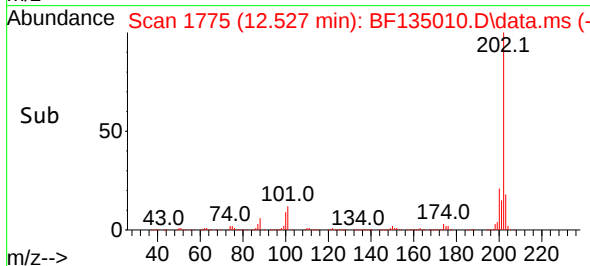
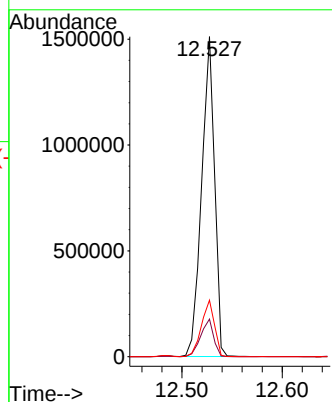
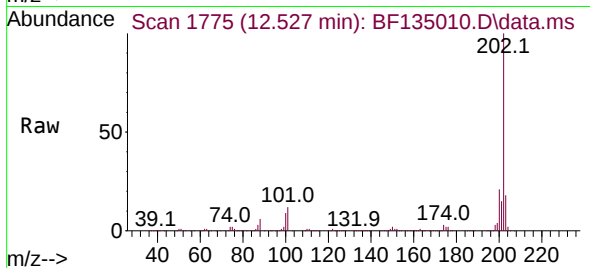




#75
Fluoranthene
Concen: 44.400 ng
RT: 12.527 min Scan# 1775
Delta R.T. 0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

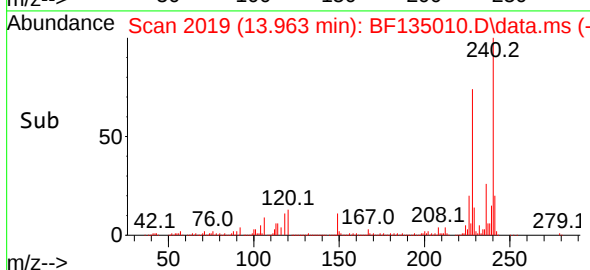
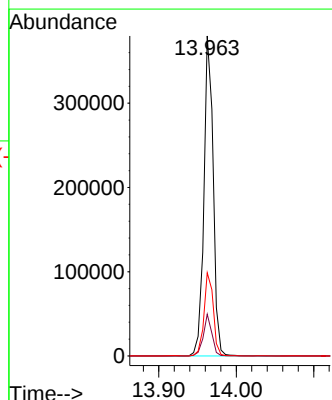
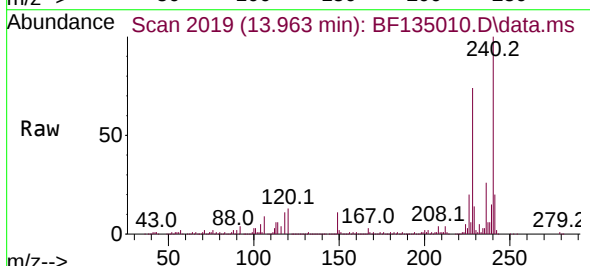
Instrument :
BNA_F
ClientSampleId :
PB155120BSD

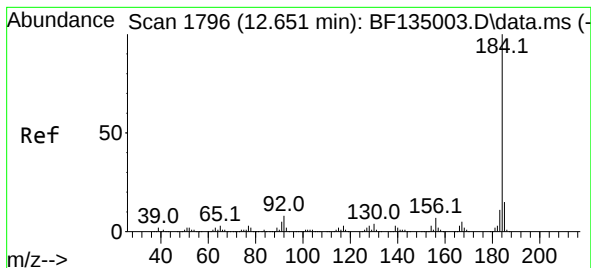
Tgt Ion:202 Resp: 1363324
Ion Ratio Lower Upper
202 100
101 11.8 0.0 31.5
203 17.7 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

Tgt Ion:240 Resp: 315433
Ion Ratio Lower Upper
240 100
120 13.0 10.2 15.2
236 26.0 21.3 31.9





#77

Benzidine

Concen: 89.917 ng

RT: 12.651 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF135010.D

Acq: 30 Aug 2023 17:53

Instrument :

BNA_F

ClientSampleId :

PB155120BSD

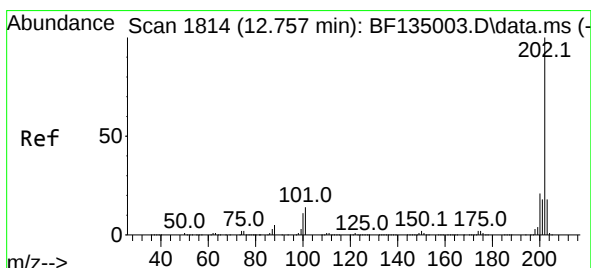
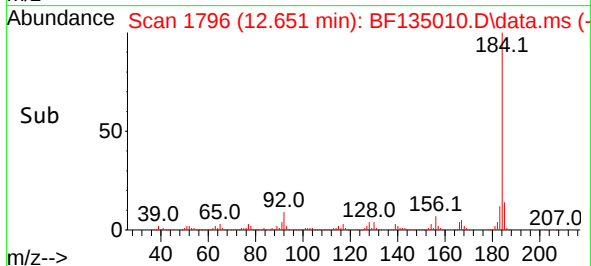
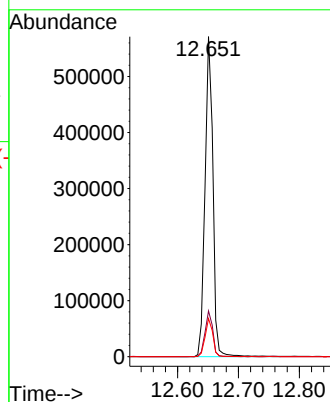
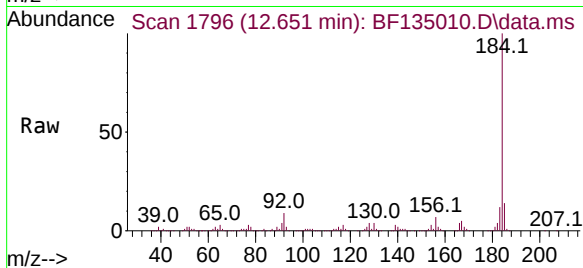
Tgt Ion:184 Resp: 511278

Ion Ratio Lower Upper

184 100

185 14.3 12.0 18.0

183 11.9 9.0 13.6



#78

Pyrene

Concen: 46.613 ng

RT: 12.757 min Scan# 1814

Delta R.T. -0.000 min

Lab File: BF135010.D

Acq: 30 Aug 2023 17:53

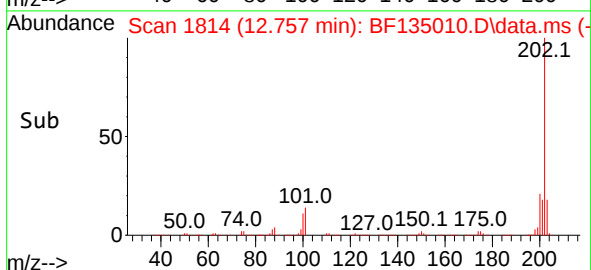
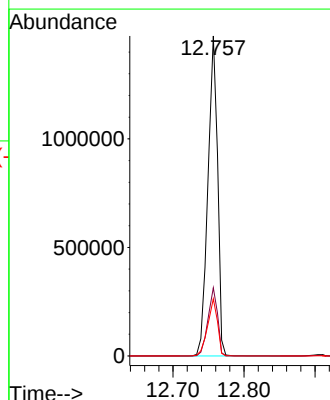
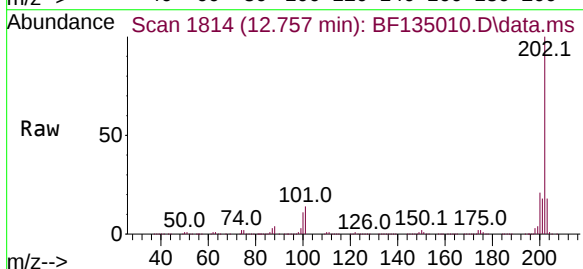
Tgt Ion:202 Resp: 1396018

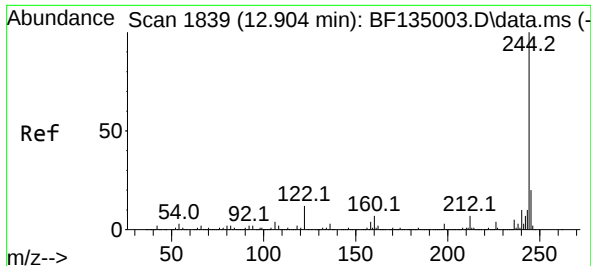
Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.6

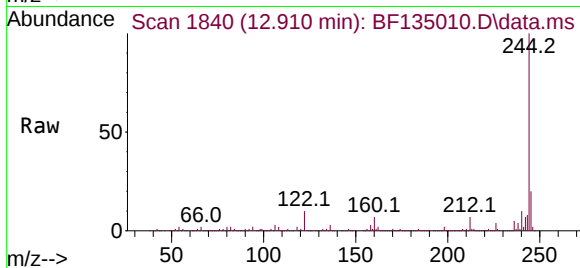
203 17.9 14.2 21.2



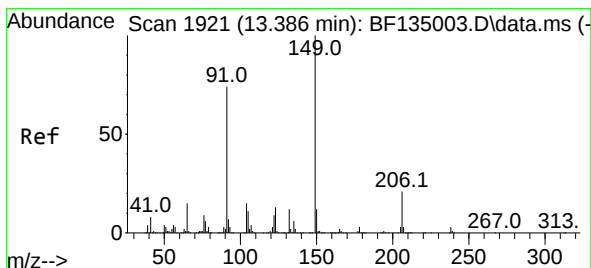
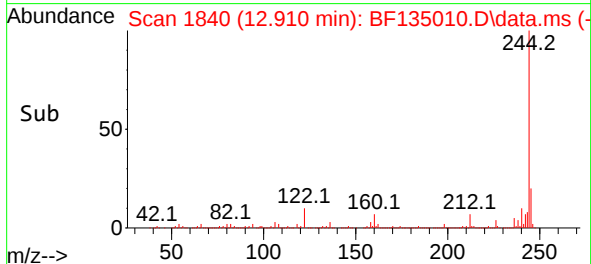
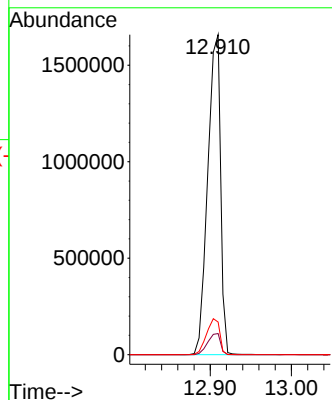


#79
 Terphenyl-d14
 Concen: 93.970 ng
 RT: 12.910 min Scan# 1839
 Delta R.T. 0.006 min
 Lab File: BF135010.D
 Acq: 30 Aug 2023 17:53

Instrument :
 BNA_F
 ClientSampleId :
 PB155120BSD

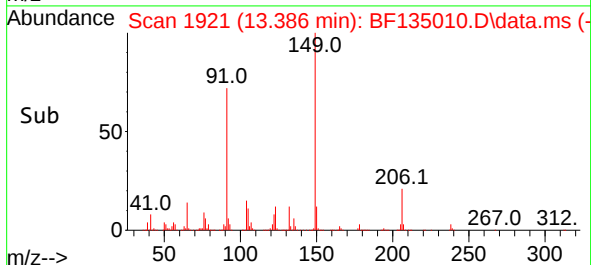
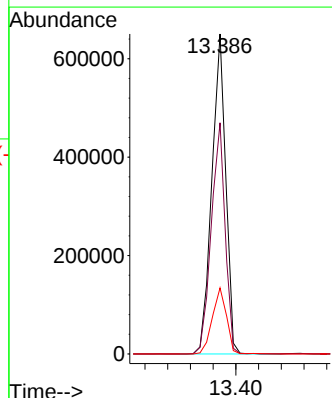
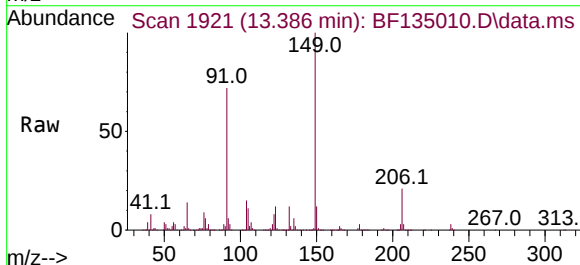


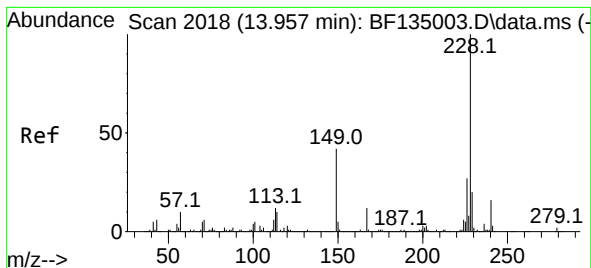
Tgt Ion:244 Resp: 1816365
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 10.2 9.8 14.6



#80
 Butylbenzylphthalate
 Concen: 50.980 ng
 RT: 13.386 min Scan# 1921
 Delta R.T. 0.000 min
 Lab File: BF135010.D
 Acq: 30 Aug 2023 17:53

Tgt Ion:149 Resp: 551574
 Ion Ratio Lower Upper
 149 100
 91 72.3 59.0 88.6
 206 20.7 16.7 25.1





#81

Benzo(a)anthracene

Concen: 45.185 ng

RT: 13.957 min Scan# 2018

Delta R.T. 0.000 min

Lab File: BF135010.D

Acq: 30 Aug 2023 17:53

Instrument :

BNA_F

ClientSampleId :

PB155120BSD

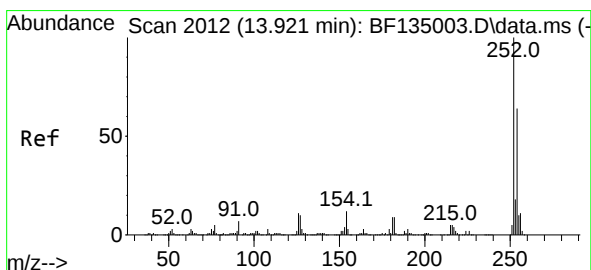
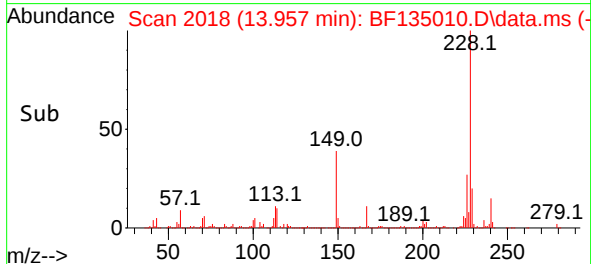
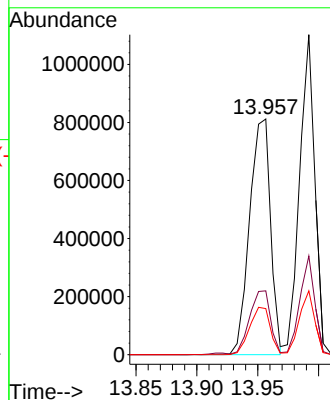
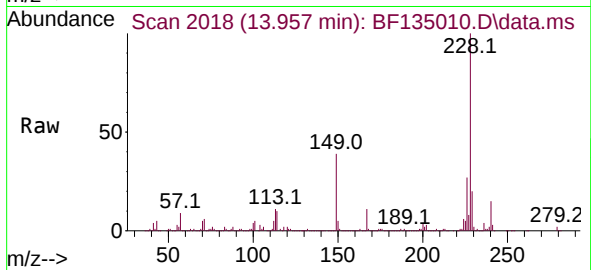
Tgt Ion:228 Resp: 972230

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: 42.981 ng

RT: 13.921 min Scan# 2012

Delta R.T. -0.000 min

Lab File: BF135010.D

Acq: 30 Aug 2023 17:53

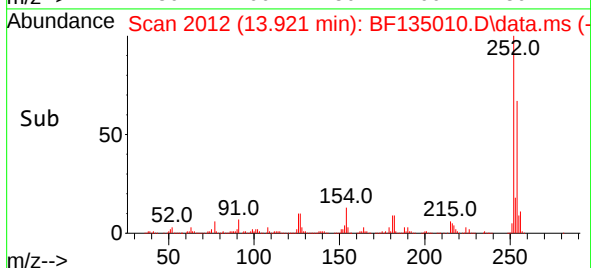
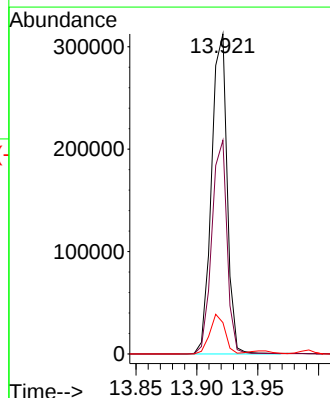
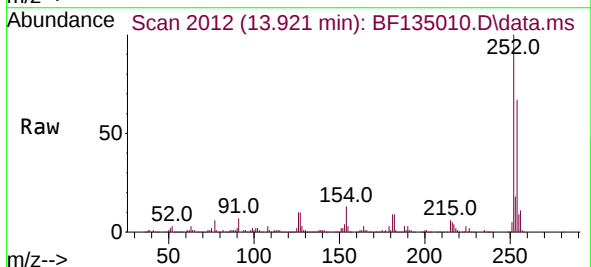
Tgt Ion:252 Resp: 279063

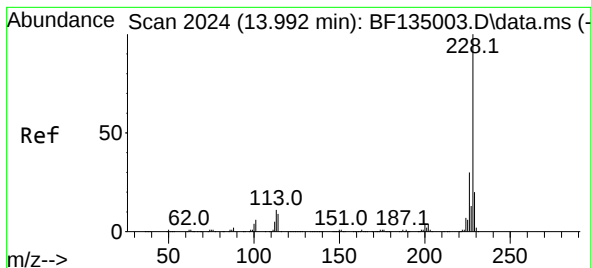
Ion Ratio Lower Upper

252 100

254 66.8 51.3 76.9

126 9.8 8.6 12.8





#83

Chrysene

Concen: 45.852 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF135010.D

Acq: 30 Aug 2023 17:53

Instrument :

BNA_F

ClientSampleId :

PB155120BSD

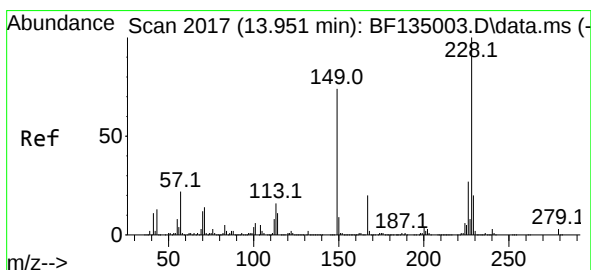
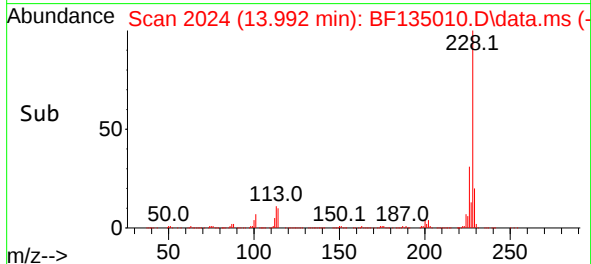
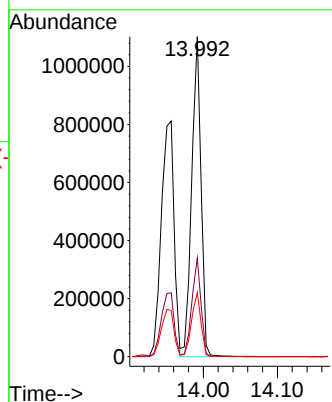
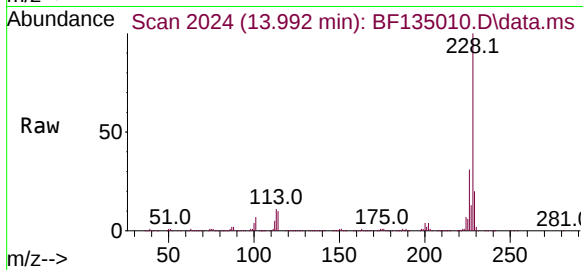
Tgt Ion:228 Resp: 969580

Ion Ratio Lower Upper

228 100

226 30.8 24.2 36.4

229 20.0 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.363 ng

RT: 13.951 min Scan# 2017

Delta R.T. -0.000 min

Lab File: BF135010.D

Acq: 30 Aug 2023 17:53

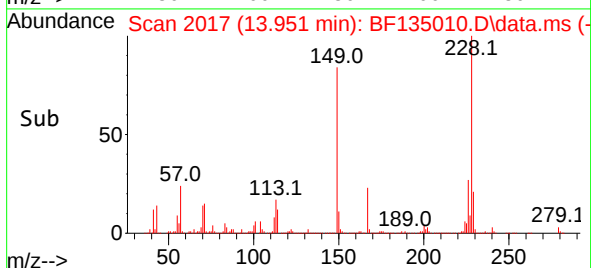
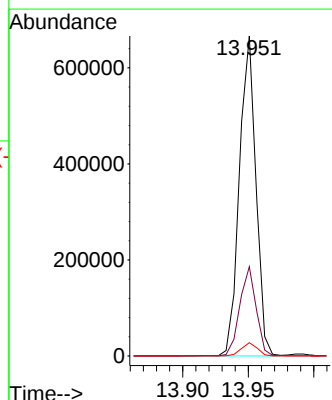
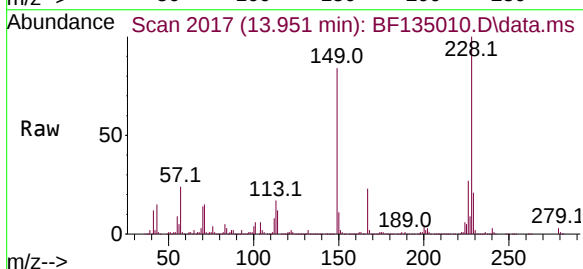
Tgt Ion:149 Resp: 586301

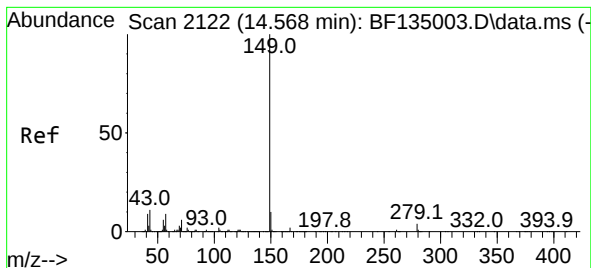
Ion Ratio Lower Upper

149 100

167 27.9 21.4 32.0

279 4.2 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 52.380 ng

RT: 14.568 min Scan# 2122

Delta R.T. -0.000 min

Lab File: BF135010.D

Acq: 30 Aug 2023 17:53

Instrument :

BNA_F

ClientSampleId :

PB155120BSD

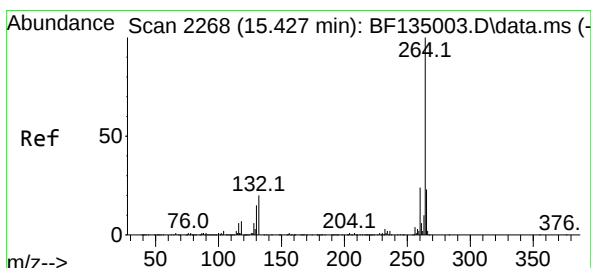
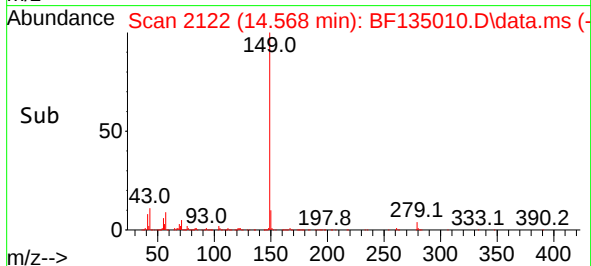
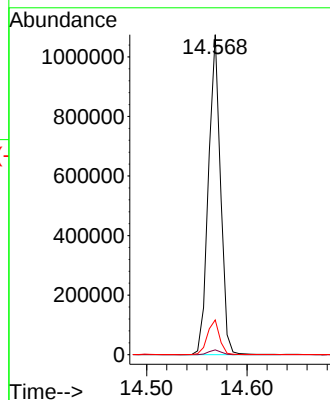
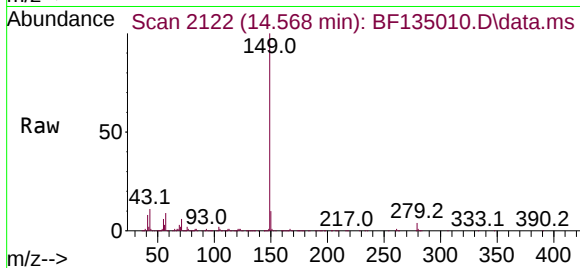
Tgt Ion:149 Resp: 895189

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.0 9.3 13.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.427 min Scan# 2268

Delta R.T. -0.000 min

Lab File: BF135010.D

Acq: 30 Aug 2023 17:53

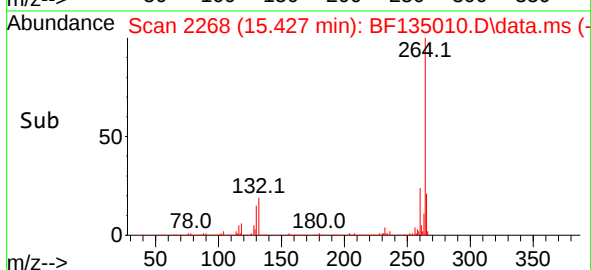
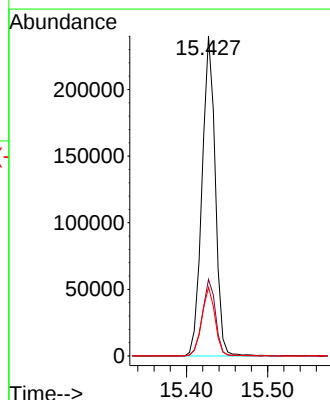
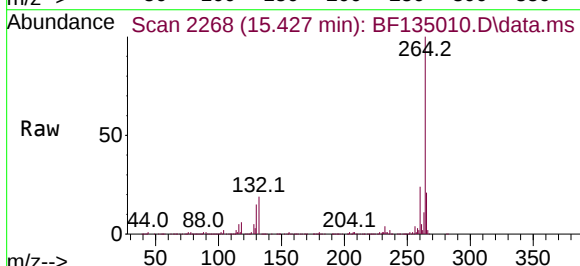
Tgt Ion:264 Resp: 272120

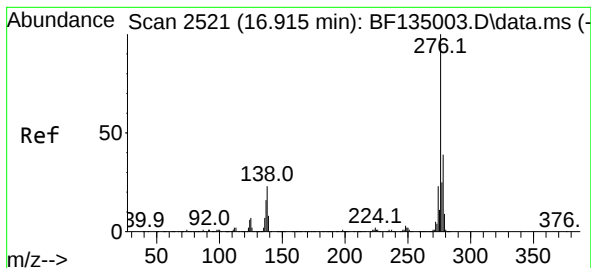
Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.6

265 21.5 18.2 27.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.386 ng

RT: 16.915 min Scan# 2196

Delta R.T. 0.000 min

Lab File: BF135010.D

Acq: 30 Aug 2023 17:53

Instrument :

BNA_F

ClientSampleId :

PB155120BSD

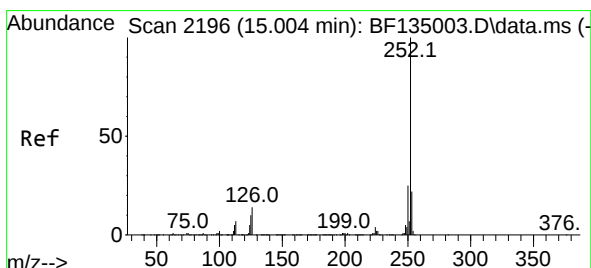
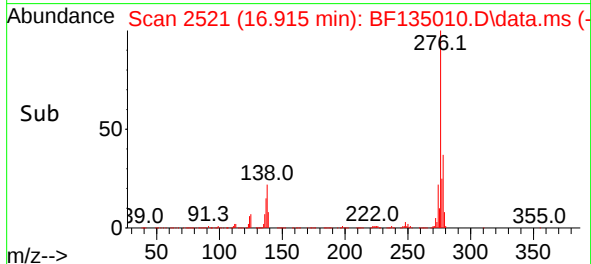
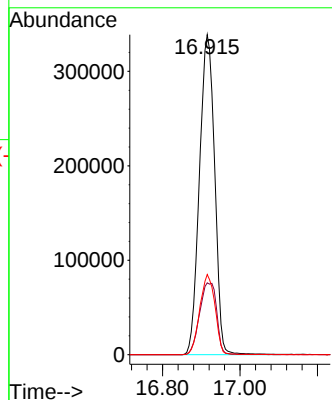
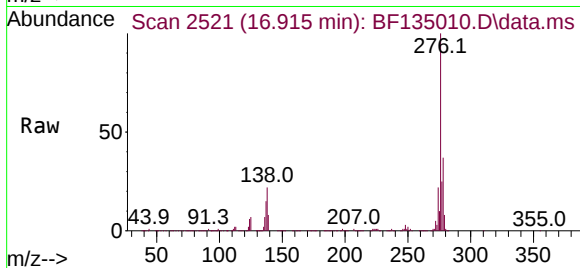
Tgt Ion:276 Resp: 923546

Ion Ratio Lower Upper

276 100

138 25.1 20.2 30.2

277 25.1 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 46.786 ng

RT: 15.004 min Scan# 2196

Delta R.T. -0.000 min

Lab File: BF135010.D

Acq: 30 Aug 2023 17:53

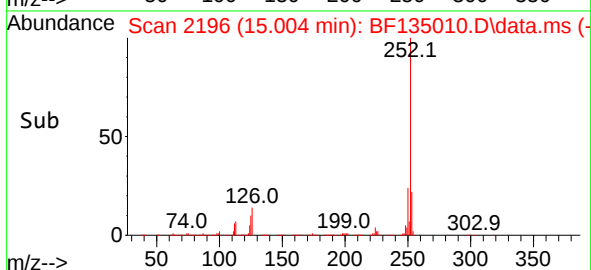
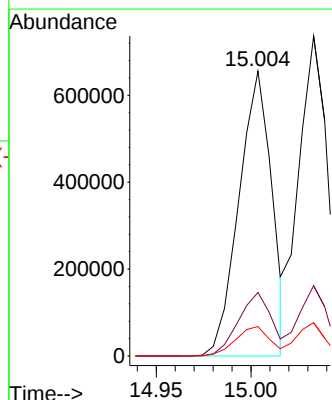
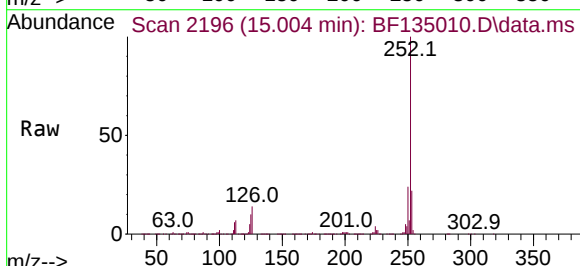
Tgt Ion:252 Resp: 792179

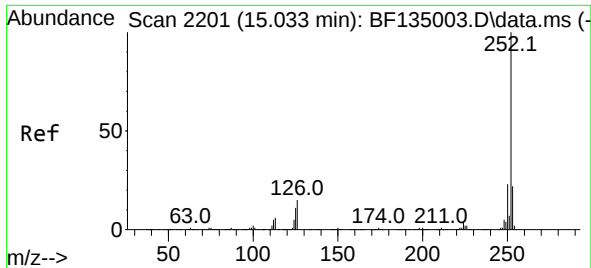
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

125 10.4 8.4 12.6

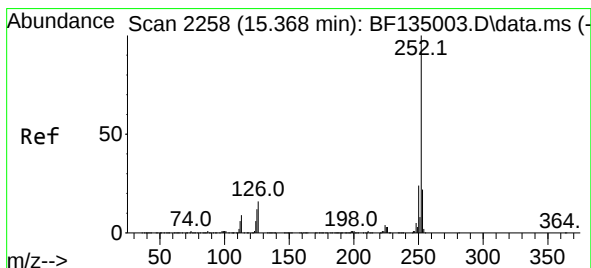
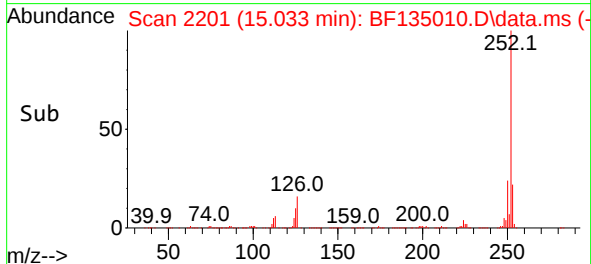
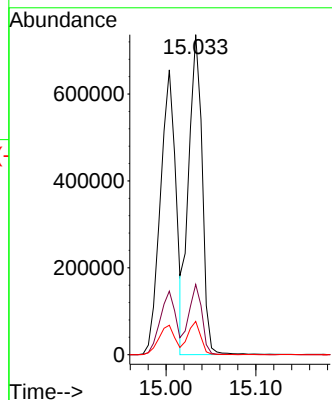
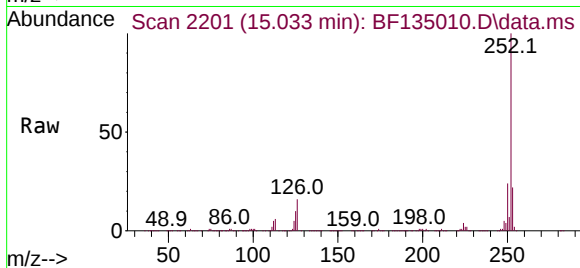




#89
Benzo(k)fluoranthene
Concen: 47.040 ng
RT: 15.033 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

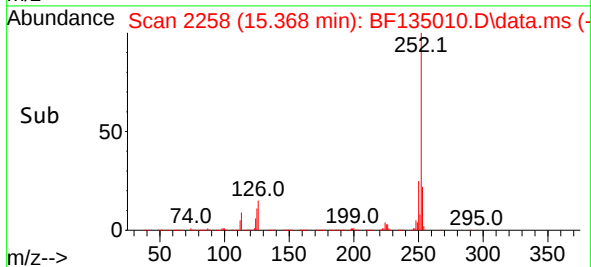
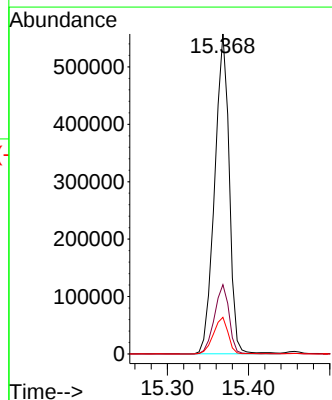
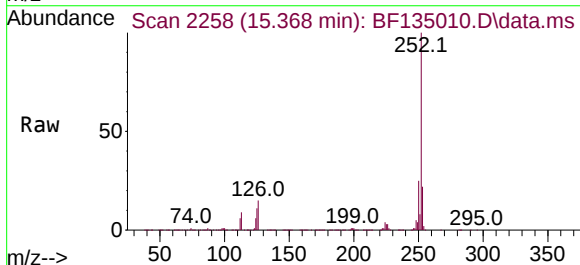
Instrument :
BNA_F
ClientSampleId :
PB155120BSD

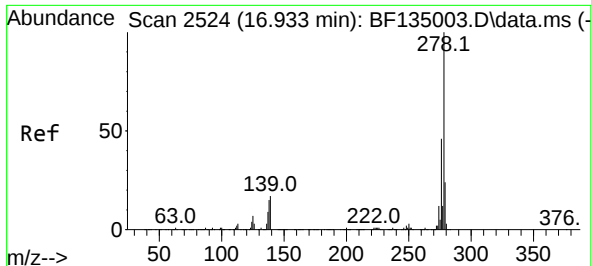
Tgt Ion:252 Resp: 769456
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 10.4 8.5 12.7



#90
Benzo(a)pyrene
Concen: 44.026 ng
RT: 15.368 min Scan# 2258
Delta R.T. -0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

Tgt Ion:252 Resp: 692483
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 11.5 9.5 14.3

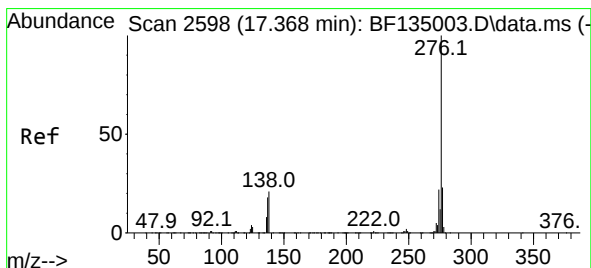
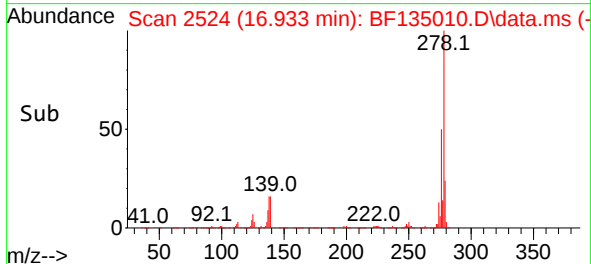
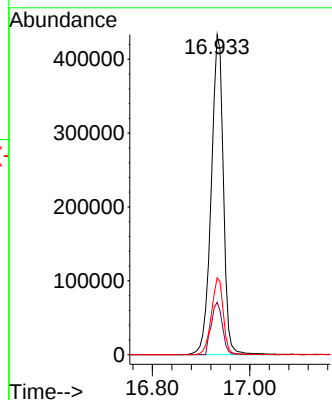
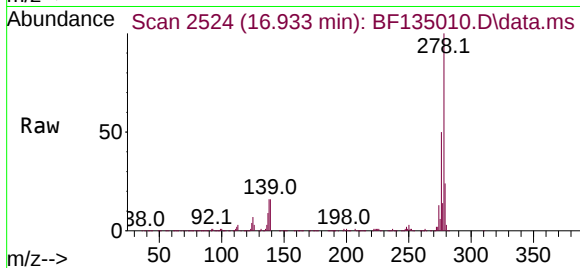




#91
Dibenzo(a,h)anthracene
Concen: 50.302 ng
RT: 16.933 min Scan# 2524
Delta R.T. 0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

Instrument :
BNA_F
ClientSampleId :
PB155120BSD

Tgt Ion:278 Resp: 746731
Ion Ratio Lower Upper
278 100
139 16.4 13.4 20.2
279 24.0 19.5 29.3



#92
Benzo(g,h,i)perylene
Concen: 49.335 ng
RT: 17.368 min Scan# 2598
Delta R.T. -0.000 min
Lab File: BF135010.D
Acq: 30 Aug 2023 17:53

Tgt Ion:276 Resp: 761716
Ion Ratio Lower Upper
276 100
277 23.6 18.5 27.7
138 22.4 17.1 25.7

