

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
 Data File : BF134125.D
 Acq On : 07 Jul 2023 07:59
 Operator : CG\JU
 Sample : 03492-02MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TB-TP1MSD

Quant Time: Jul 07 08:20:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	106956	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	413454	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	213166	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	417330	20.000	ng	0.00
76) Chrysene-d12	14.039	240	246842	20.000	ng	-0.01
86) Perylene-d12	15.539	264	254672	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	882056	137.952	ng	0.01
7) Phenol-d6	6.492	99	1048520	133.344	ng	0.00
23) Nitrobenzene-d5	7.416	82	776916	101.293	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	395999	148.166	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1389707	94.785	ng	0.00
79) Terphenyl-d14	12.974	244	1640356	106.952	ng	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.852	88	112273	42.585	ng	# 78
3) Pyridine	3.575	79	226403	32.969	ng	95
4) n-Nitrosodimethylamine	3.516	42	200986	51.244	ng	94
6) Aniline	6.516	93	203800	21.299	ng	94
8) 2-Chlorophenol	6.634	128	343603	52.938	ng	98
9) Benzaldehyde	6.398	77	60737	11.234	ng	99
10) Phenol	6.504	94	390038	47.176	ng	98
11) bis(2-Chloroethyl)ether	6.587	93	330556	54.307	ng	98
12) 1,3-Dichlorobenzene	6.787	146	353566	51.095	ng	98
13) 1,4-Dichlorobenzene	6.863	146	357509	51.151	ng	99
14) 1,2-Dichlorobenzene	7.010	146	339088	51.803	ng	99
15) Benzyl Alcohol	6.992	79	314749	51.923	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	517660	48.072	ng	94
17) 2-Methylphenol	7.104	107	291528	50.158	ng	98
18) Hexachloroethane	7.351	117	133283	51.430	ng	95
19) n-Nitroso-di-n-propyla...	7.263	70	248748	49.883	ng	99
20) 3+4-Methylphenols	7.257	107	347442	49.274	ng	92
22) Acetophenone	7.257	105	481354	51.192	ng	99
24) Nitrobenzene	7.434	77	383390	49.465	ng	99
25) Isophorone	7.669	82	695854	49.919	ng	100
26) 2-Nitrophenol	7.745	139	192316	51.724	ng	99
27) 2,4-Dimethylphenol	7.781	122	312193	53.044	ng	98
28) bis(2-Chloroethoxy)met...	7.875	93	392513	48.629	ng	99
29) 2,4-Dichlorophenol	7.987	162	301493	51.659	ng	96
30) 1,2,4-Trichlorobenzene	8.069	180	304699	50.597	ng	99
31) Naphthalene	8.151	128	980908	49.116	ng	100
32) Benzoic acid	7.922	122	228983	51.921	ng	98
33) 4-Chloroaniline	8.204	127	29656	3.471	ng	# 92
34) Hexachlorobutadiene	8.257	225	186847	49.187	ng	98
35) Caprolactam	8.575	113	67639	35.198	ng	97
36) 4-Chloro-3-methylphenol	8.686	107	347533	53.007	ng	97
37) 2-Methylnaphthalene	8.839	142	664942	47.083	ng	100
38) 1-Methylnaphthalene	8.939	142	624426	47.560	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	315160	49.904	ng	99
41) Hexachlorocyclopentadiene	8.992	237	332348	110.926	ng	98
43) 2,4,6-Trichlorophenol	9.122	196	216851	50.440	ng	99

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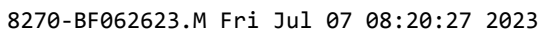
Instrument :
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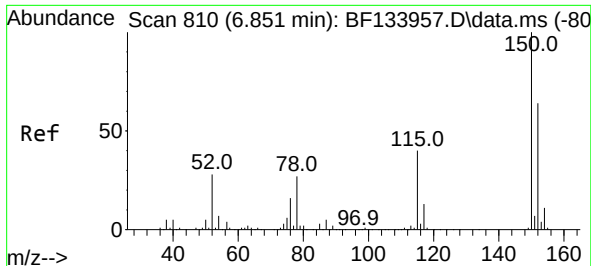
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	244067	48.263	ng	95
46) 1,1'-Biphenyl	9.304	154	842669	49.281	ng	99
47) 2-Chloronaphthalene	9.333	162	619932	49.551	ng	98
48) 2-Nitroaniline	9.433	65	230344	50.518	ng	96
49) Acenaphthylene	9.751	152	1026255	48.019	ng	99
50) Dimethylphthalate	9.610	163	790706	51.100	ng	100
51) 2,6-Dinitrotoluene	9.675	165	172021	51.615	ng	89
52) Acenaphthene	9.922	154	618336	49.861	ng	99
53) 3-Nitroaniline	9.845	138	75684	18.929	ng	94
54) 2,4-Dinitrophenol	9.957	184	217656	111.487	ng	92
55) Dibenzofuran	10.092	168	946487	48.836	ng	98
56) 4-Nitrophenol	10.016	139	273359	97.743	ng	94
57) 2,4-Dinitrotoluene	10.086	165	224047	50.904	ng	91
58) Fluorene	10.439	166	739582	49.049	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.216	232	206113	51.671	ng	99
60) Diethylphthalate	10.316	149	789240	48.956	ng	99
61) 4-Chlorophenyl-phenyle...	10.428	204	356520	49.064	ng	98
62) 4-Nitroaniline	10.469	138	173718	43.113	ng	97
63) Azobenzene	10.592	77	736703	48.310	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	135908	59.733	ng	81
66) n-Nitrosodiphenylamine	10.551	169	627504	47.061	ng	99
67) 4-Bromophenyl-phenylether	10.922	248	223035	50.281	ng	95
68) Hexachlorobenzene	10.986	284	258220	54.827	ng	97
69) Atrazine	11.075	200	74865	20.298	ng	99
70) Pentachlorophenol	11.186	266	275176	97.719	ng	98
71) Phenanthrene	11.404	178	1084399	51.616	ng	99
72) Anthracene	11.457	178	1101708	50.417	ng	99
73) Carbazole	11.616	167	1002064	50.100	ng	98
74) Di-n-butylphthalate	11.945	149	1206545	50.727	ng	99
75) Fluoranthene	12.598	202	1167100	51.385	ng	99
77) Benzidine	12.727	184	118988	20.259	ng	99
78) Pyrene	12.833	202	1180556	51.391	ng	99
80) Butylbenzylphthalate	13.451	149	470307	54.588	ng	97
81) Benzo(a)anthracene	14.027	228	880021	51.406	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	121892	22.474	ng	97
83) Chrysene	14.068	228	849690	51.245	ng	100
84) Bis(2-ethylhexyl)phtha...	14.016	149	564932	57.065	ng	99
85) Di-n-octyl phthalate	14.633	149	902912	62.071	ng	99
87) Indeno(1,2,3-cd)pyrene	17.092	276	988300	55.926	ng	99
88) Benzo(b)fluoranthene	15.098	252	881414	58.859	ng	99
89) Benzo(k)fluoranthene	15.127	252	796628	52.249	ng	98
90) Benzo(a)pyrene	15.480	252	731934	50.546	ng	99
91) Dibenzo(a,h)anthracene	17.109	278	817127	56.611	ng	98
92) Benzo(g,h,i)perylene	17.562	276	784975	52.736	ng	98

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

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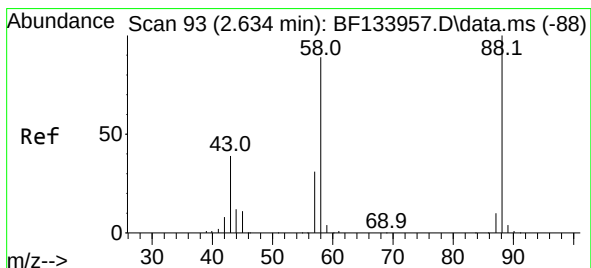
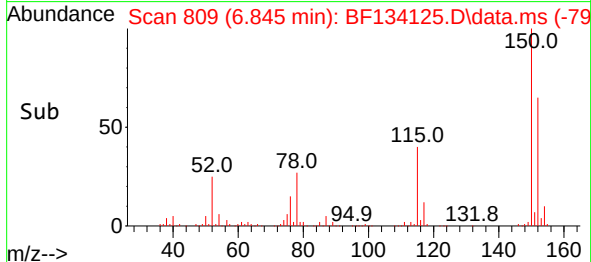
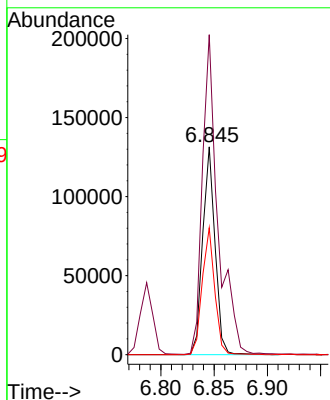
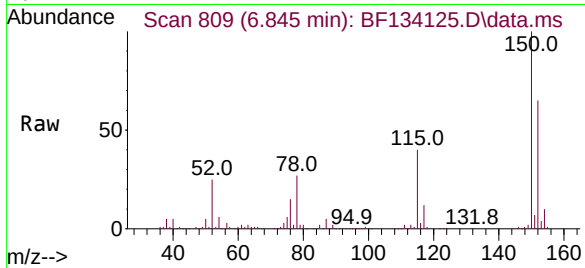




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF134125.D
 Acq: 07 Jul 2023 07:59

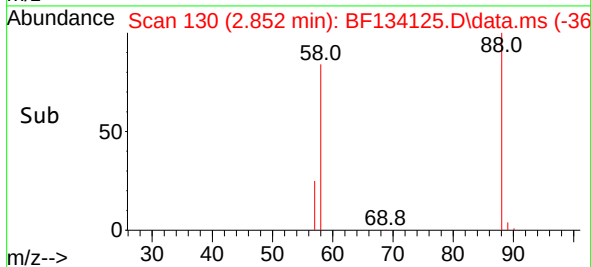
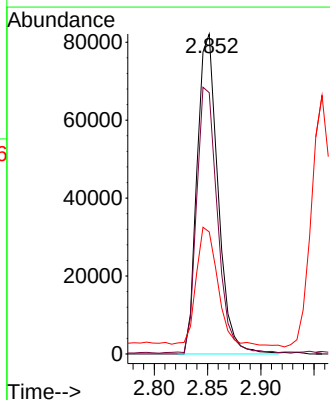
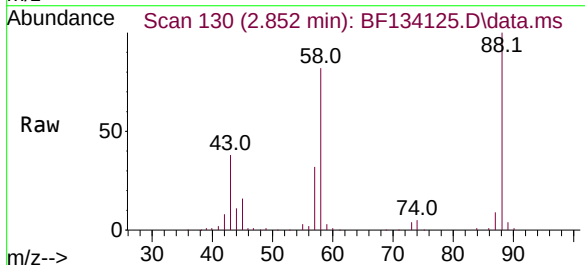
Instrument :
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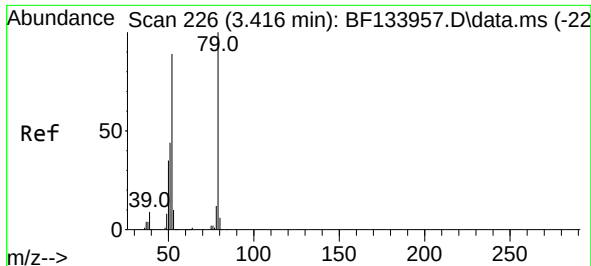
Tgt Ion:152 Resp: 106956
 Ion Ratio Lower Upper
 152 100
 150 154.0 124.5 186.7
 115 61.1 50.2 75.2



#2
 1,4-Dioxane
 Concen: 42.585 ng
 RT: 2.852 min Scan# 130
 Delta R.T. 0.206 min
 Lab File: BF134125.D
 Acq: 07 Jul 2023 07:59

Tgt Ion: 88 Resp: 112273
 Ion Ratio Lower Upper
 88 100
 58 83.2 68.8 103.2
 43 0.0 30.7 46.1#





#3

Pyridine

Concen: 32.969 ng

RT: 3.575 min Scan# 21

Delta R.T. 0.141 min

Lab File: BF134125.D

Acq: 07 Jul 2023 07:59

Instrument :

BNA_F

ClientSampleId :

TB-TP1MSD

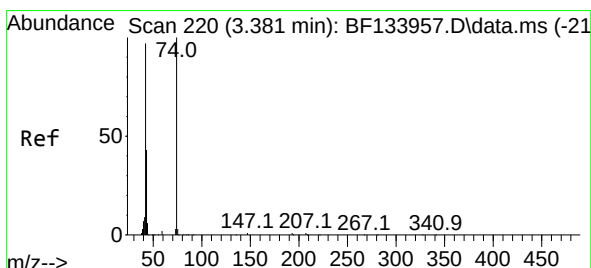
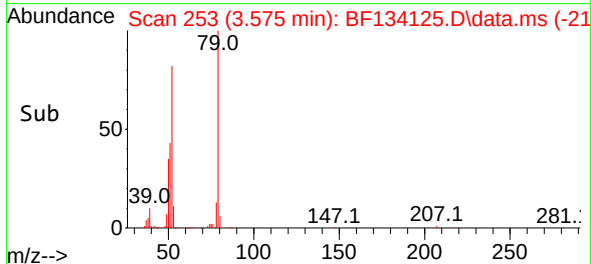
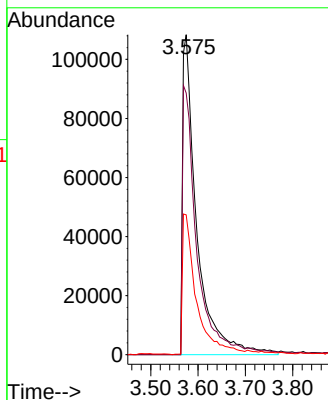
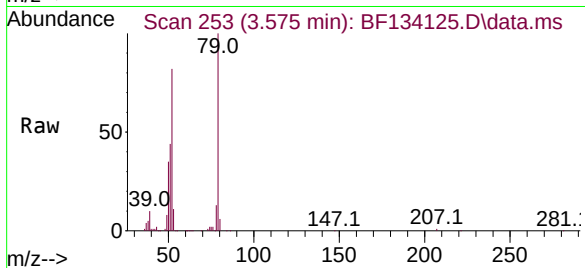
Tgt Ion: 79 Resp: 226403

Ion Ratio Lower Upper

79 100

52 81.7 71.1 106.7

51 43.7 35.2 52.8



#4

n-Nitrosodimethylamine

Concen: 51.244 ng

RT: 3.516 min Scan# 243

Delta R.T. 0.112 min

Lab File: BF134125.D

Acq: 07 Jul 2023 07:59

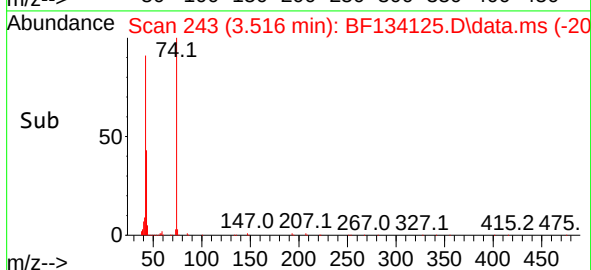
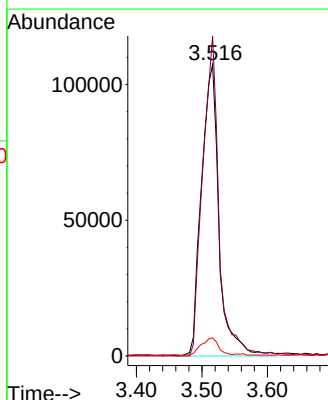
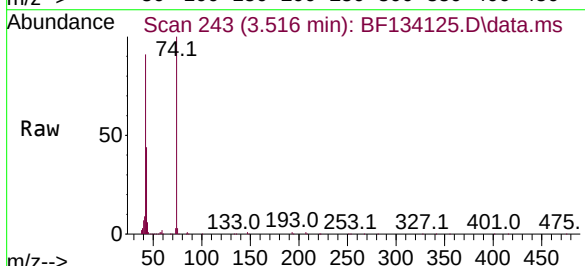
Tgt Ion: 42 Resp: 200986

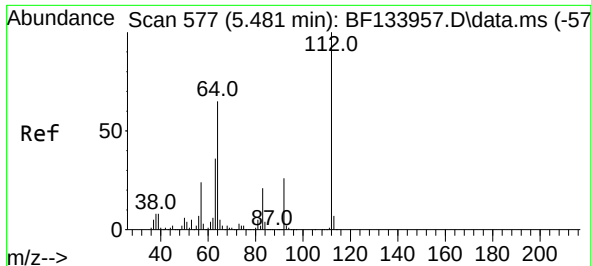
Ion Ratio Lower Upper

42 100

74 109.9 82.4 123.6

44 6.2 4.9 7.3

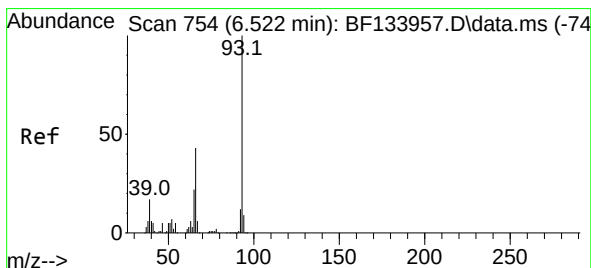
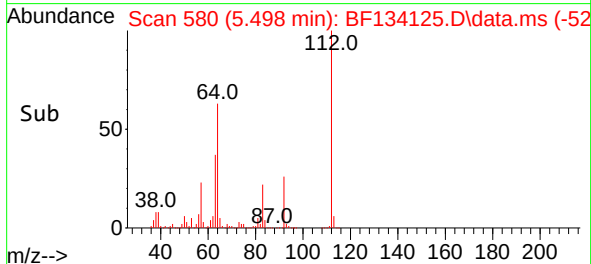
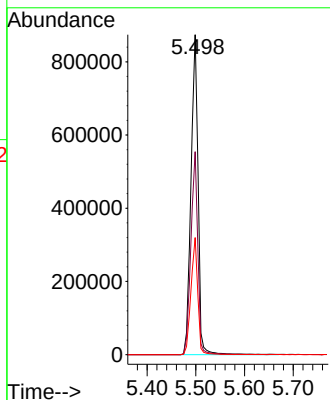
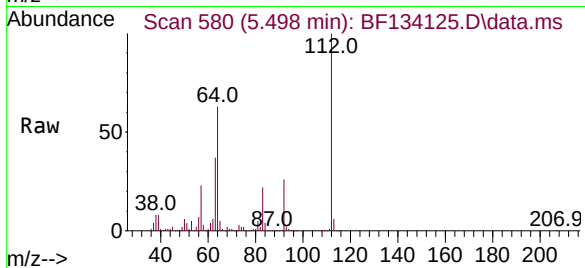




#5
2-Fluorophenol
Concen: 137.952 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF134125.D
Acq: 07 Jul 2023 07:59

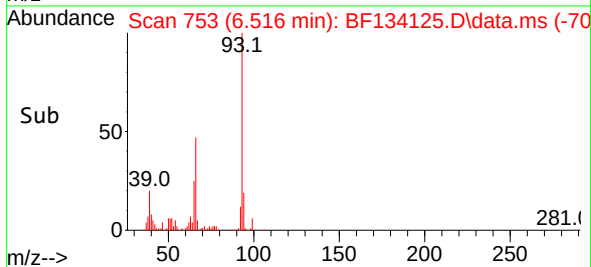
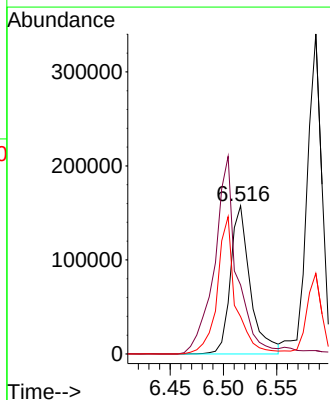
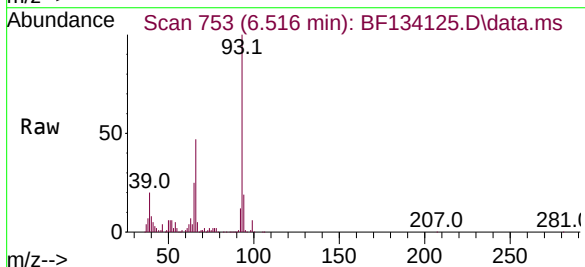
Instrument :
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ClientSampleId :
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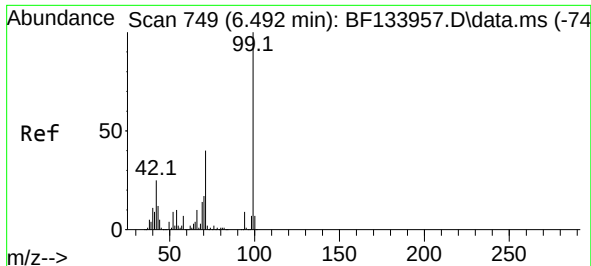
Tgt Ion:112 Resp: 882056
Ion Ratio Lower Upper
112 100
64 63.4 52.1 78.1
63 36.6 28.6 42.8



#6
Aniline
Concen: 21.299 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF134125.D
Acq: 07 Jul 2023 07:59

Tgt Ion: 93 Resp: 203800
Ion Ratio Lower Upper
93 100
66 46.6 34.5 51.7
65 25.1 17.8 26.6



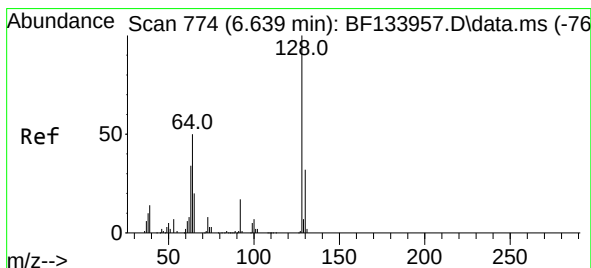
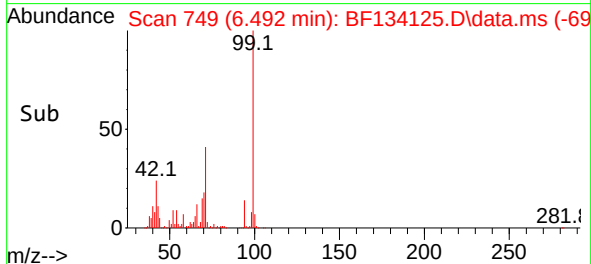
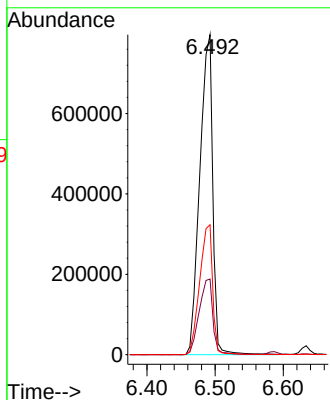
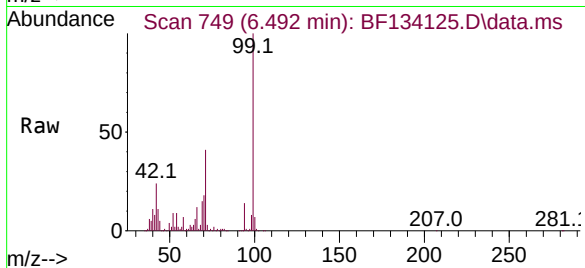


#7
Phenol-d6
Concen: 133.344 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF134125.D
Acq: 07 Jul 2023 07:59

Instrument :
BNA_F
ClientSampleId :
TB-TP1MSD

Tgt Ion: 99 Resp: 1048520

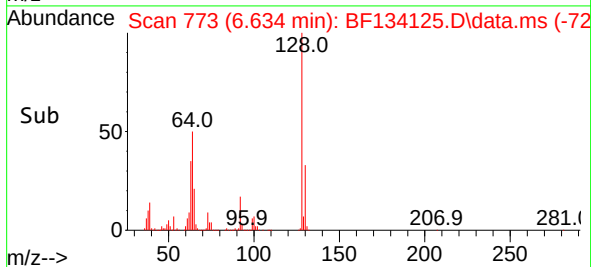
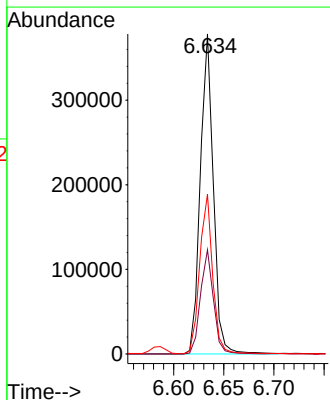
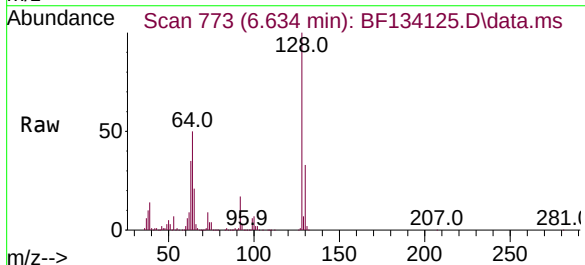
Ion	Ratio	Lower	Upper
99	100		
42	23.7	19.8	29.6
71	40.6	31.9	47.9

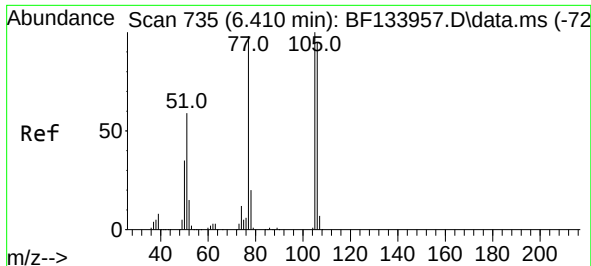


#8
2-Chlorophenol
Concen: 52.938 ng
RT: 6.634 min Scan# 773
Delta R.T. -0.006 min
Lab File: BF134125.D
Acq: 07 Jul 2023 07:59

Tgt Ion:128 Resp: 343603

Ion	Ratio	Lower	Upper
128	100		
130	32.6	11.7	51.7
64	50.0	31.3	71.3

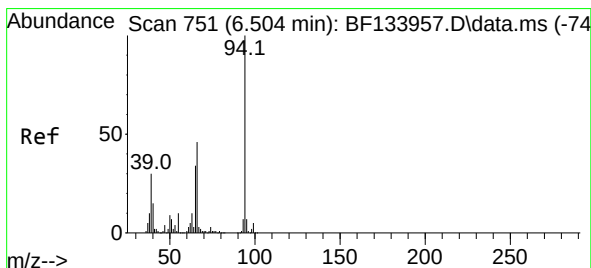
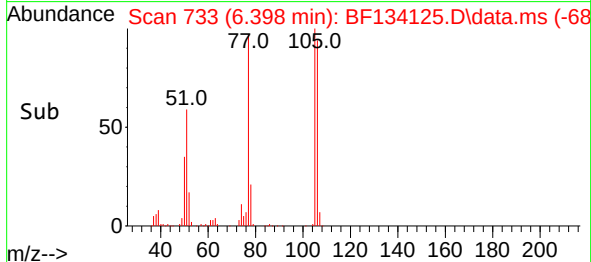
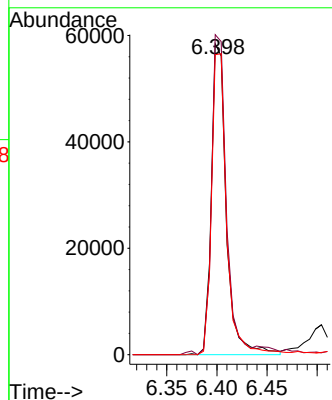
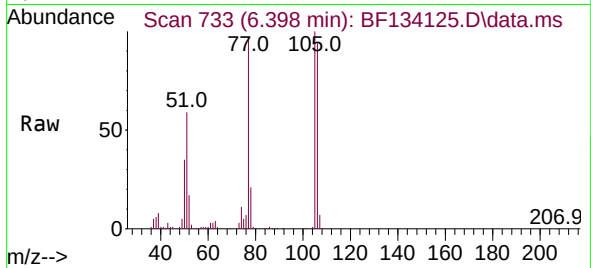




#9
Benzaldehyde
Concen: 11.234 ng
RT: 6.398 min Scan# 713
Delta R.T. -0.012 min
Lab File: BF134125.D
Acq: 07 Jul 2023 07:59

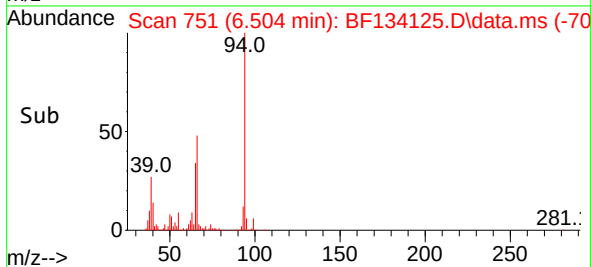
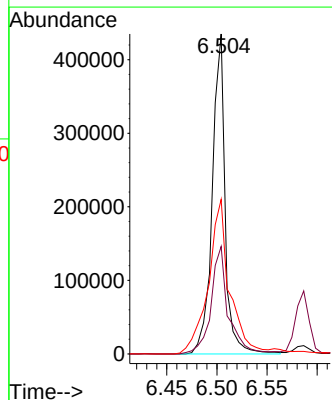
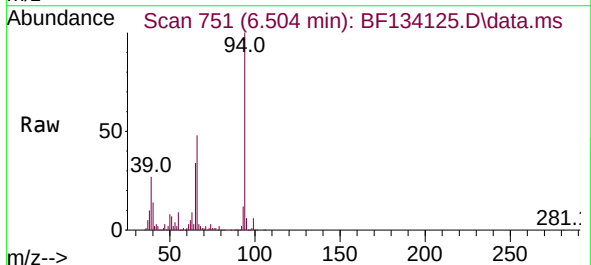
Instrument :
BNA_F
ClientSampleId :
TB-TP1MSD

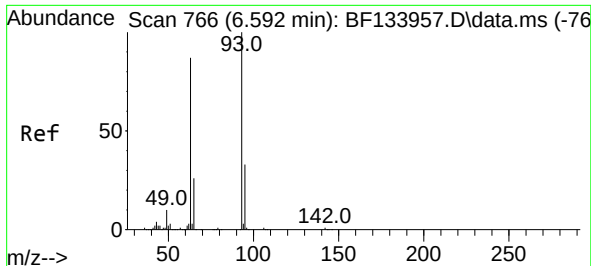
Tgt Ion: 77 Resp: 60737
Ion Ratio Lower Upper
77 100
105 102.9 82.0 122.0
106 96.5 76.9 116.9



#10
Phenol
Concen: 47.176 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF134125.D
Acq: 07 Jul 2023 07:59

Tgt Ion: 94 Resp: 390038
Ion Ratio Lower Upper
94 100
65 33.6 14.2 54.2
66 48.3 26.4 66.4





#11

bis(2-Chloroethyl)ether

Concen: 54.307 ng

RT: 6.587 min Scan# 709

Delta R.T. -0.006 min

Lab File: BF134125.D

Acq: 07 Jul 2023 07:59

Instrument :

BNA_F

ClientSampleId :

TB-TP1MSD

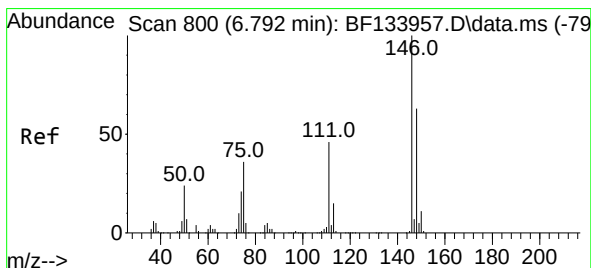
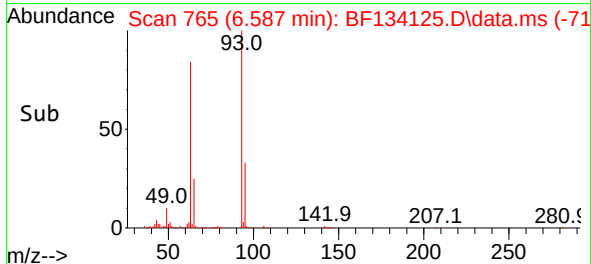
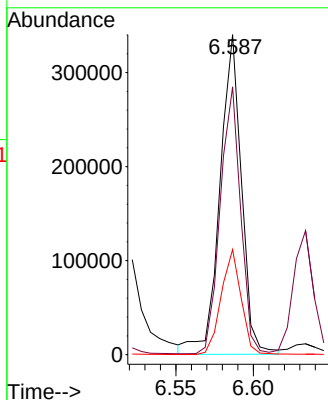
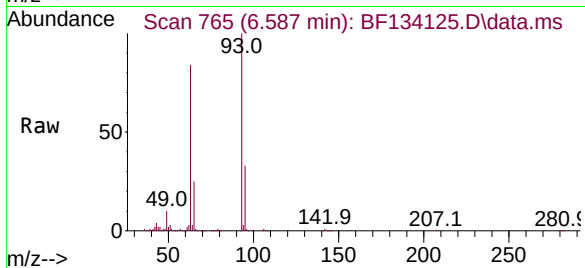
Tgt Ion: 93 Resp: 330556

Ion Ratio Lower Upper

93 100

63 83.7 66.5 106.5

95 32.9 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 51.095 ng

RT: 6.787 min Scan# 799

Delta R.T. -0.006 min

Lab File: BF134125.D

Acq: 07 Jul 2023 07:59

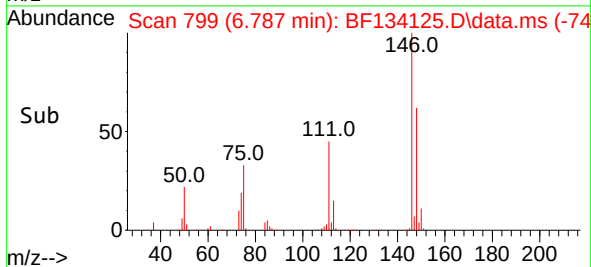
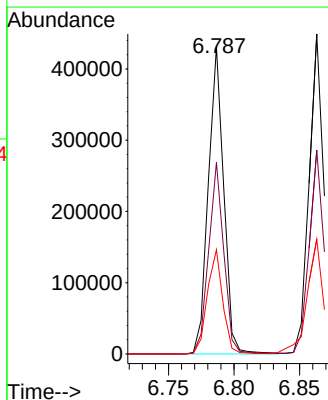
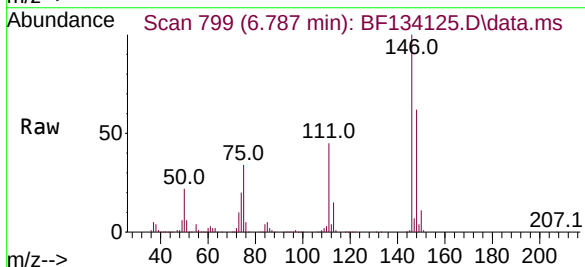
Tgt Ion:146 Resp: 353566

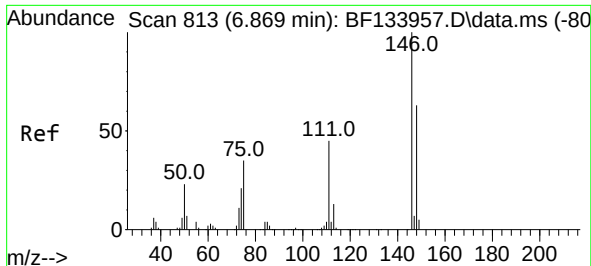
Ion Ratio Lower Upper

146 100

148 62.3 50.5 75.7

75 33.9 29.0 43.6

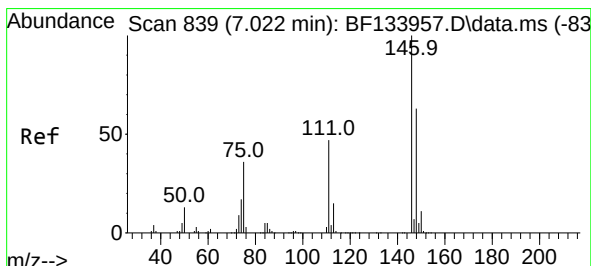
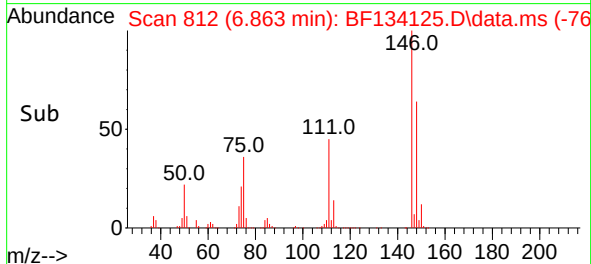
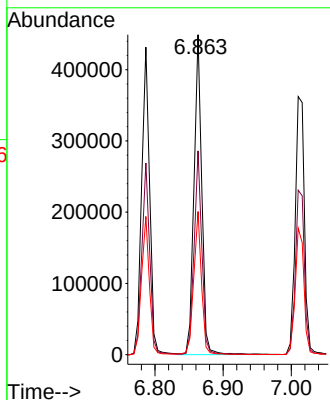
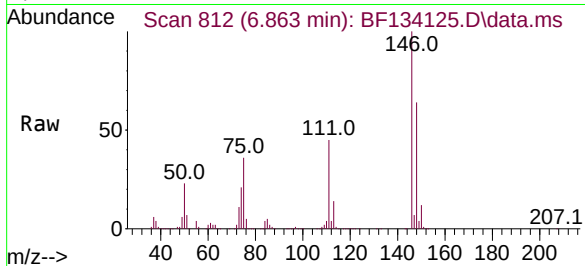




#13
1,4-Dichlorobenzene
Concen: 51.151 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF134125.D
Acq: 07 Jul 2023 07:59

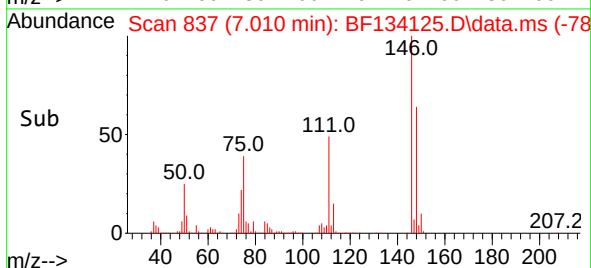
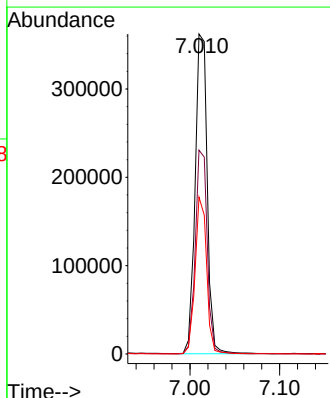
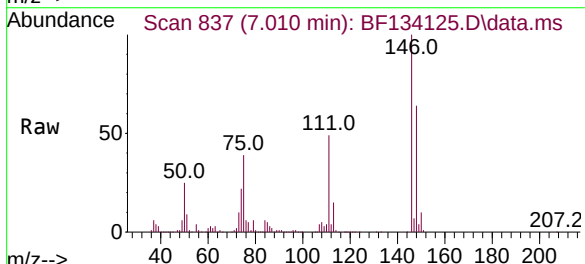
Instrument :
BNA_F
ClientSampleId :
TB-TP1MSD

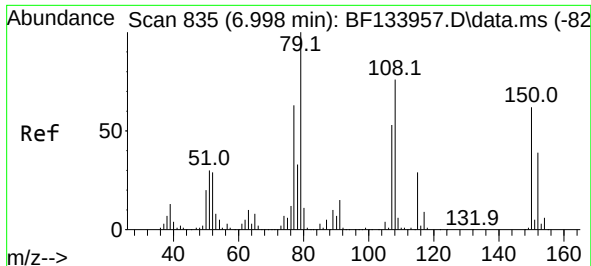
Tgt Ion:146 Resp: 357509
Ion Ratio Lower Upper
146 100
148 63.7 50.2 75.2
111 44.8 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 51.803 ng
RT: 7.010 min Scan# 837
Delta R.T. -0.012 min
Lab File: BF134125.D
Acq: 07 Jul 2023 07:59

Tgt Ion:146 Resp: 339088
Ion Ratio Lower Upper
146 100
148 63.7 50.6 76.0
111 49.0 38.0 57.0

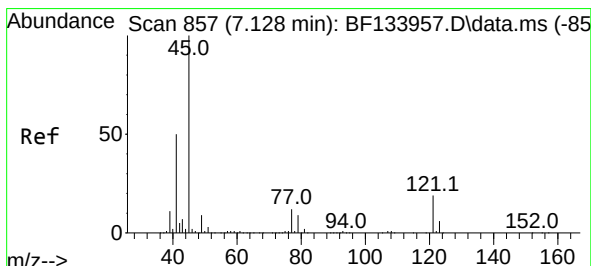
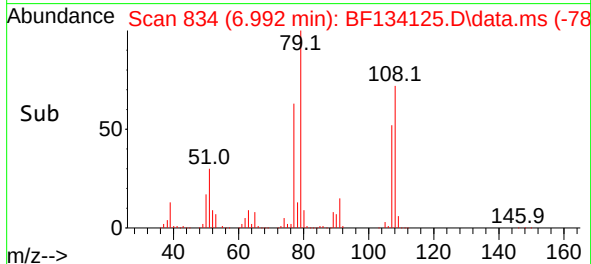
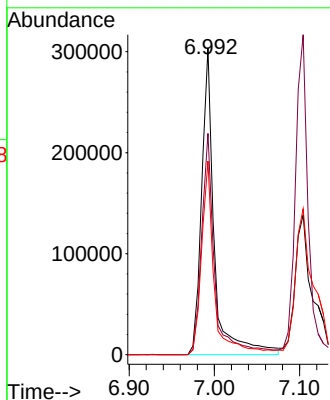
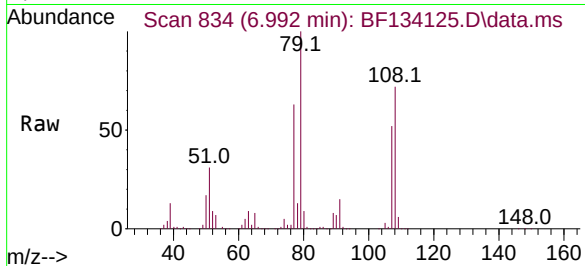




#15
Benzyl Alcohol
Concen: 51.923 ng
RT: 6.992 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134125.D
Acq: 07 Jul 2023 07:59

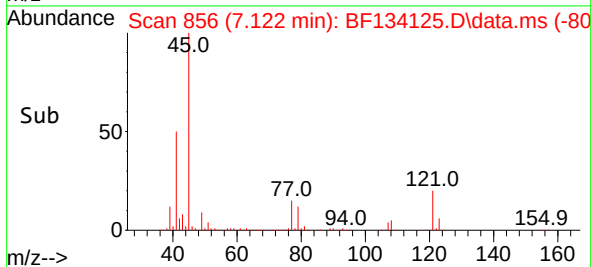
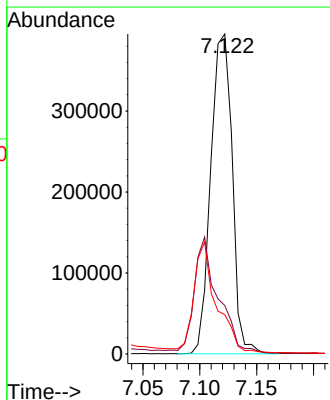
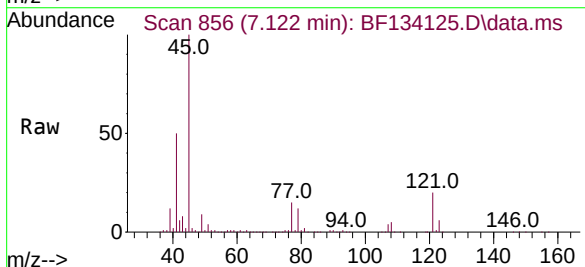
Instrument :
BNA_F
ClientSampleId :
TB-TP1MSD

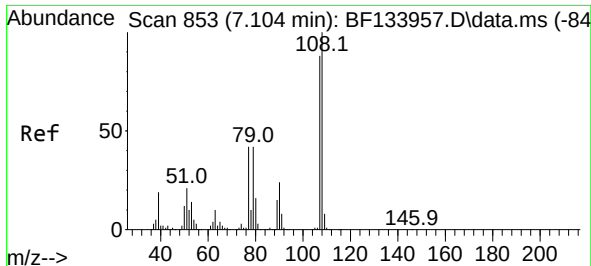
Tgt Ion: 79 Resp: 314749
Ion Ratio Lower Upper
79 100
108 72.2 60.7 91.1
77 63.2 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.072 ng
RT: 7.122 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF134125.D
Acq: 07 Jul 2023 07:59

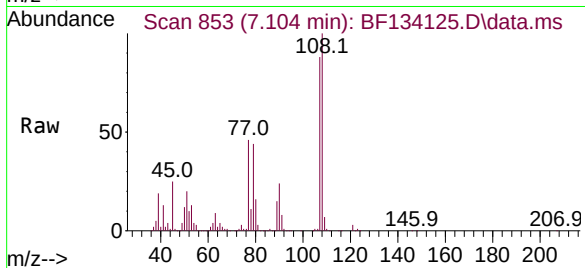
Tgt Ion: 45 Resp: 517660
Ion Ratio Lower Upper
45 100
77 15.1 0.0 32.9
79 12.3 0.0 29.5





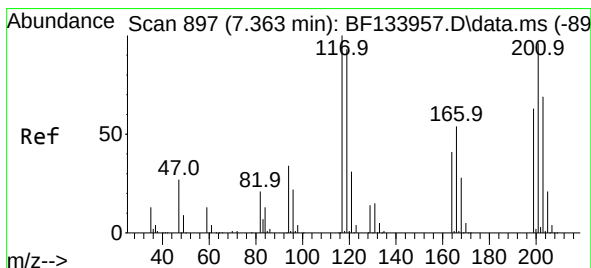
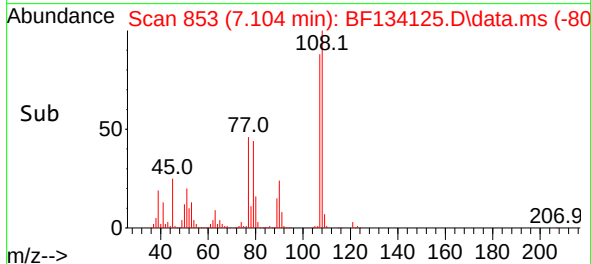
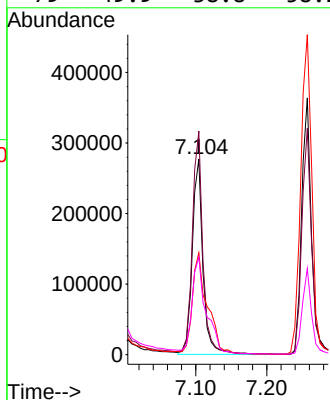
#17
2-Methylphenol
Concen: 50.158 ng
RT: 7.104 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134125.D
Acq: 07 Jul 2023 07:59

Instrument :
BNA_F
ClientSampleId :
TB-TP1MSD



Tgt Ion:107 Resp: 291528

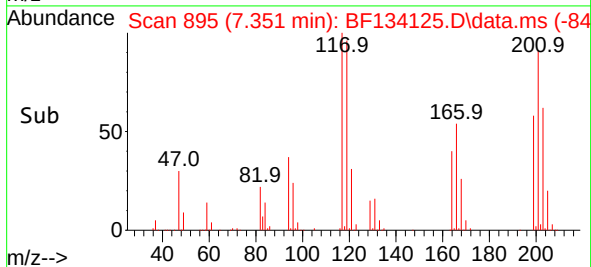
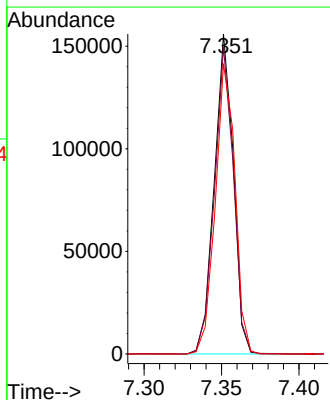
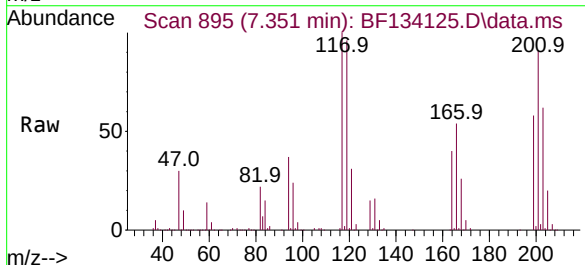
Ion	Ratio	Lower	Upper
107	100		
108	114.3	90.6	136.0
77	52.1	38.3	57.5
79	49.9	38.8	58.2

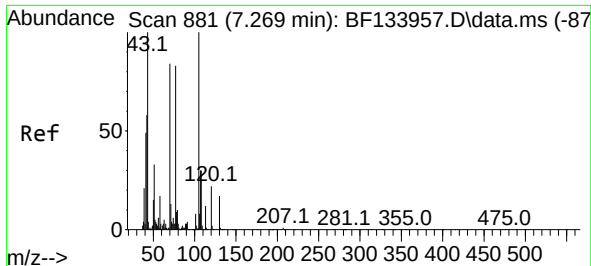


#18
Hexachloroethane
Concen: 51.430 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF134125.D
Acq: 07 Jul 2023 07:59

Tgt Ion:117 Resp: 133283

Ion	Ratio	Lower	Upper
117	100		
119	96.0	74.2	111.4
201	90.7	77.2	115.8





#19

n-Nitroso-di-n-propylamine

Concen: 49.883 ng

RT: 7.263 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF134125.D

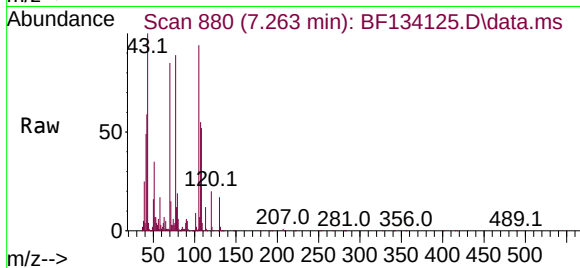
Acq: 07 Jul 2023 07:59

Instrument :

BNA_F

ClientSampleId :

TB-TP1MSD



Tgt Ion: 70 Resp: 248748

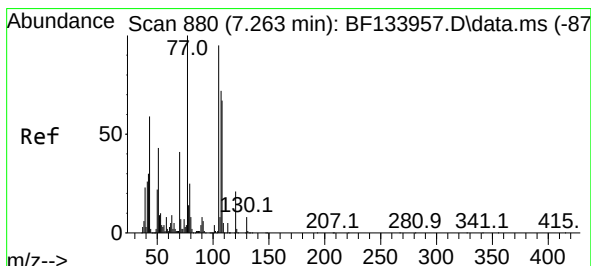
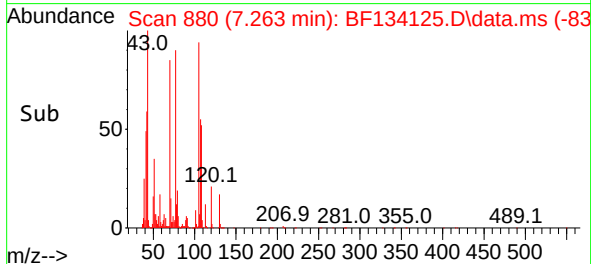
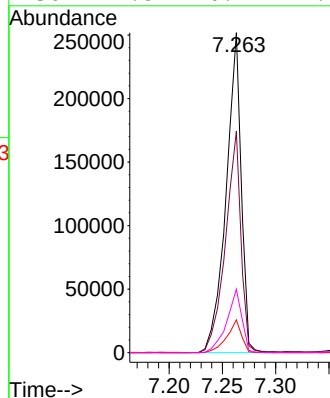
Ion	Ratio	Lower	Upper
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70	100		
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42	69.2	54.7	82.1
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101	10.3	7.7	11.5
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130	19.8	16.4	24.6
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#20

3+4-Methylphenols

Concen: 49.274 ng

RT: 7.257 min Scan# 879

Delta R.T. -0.006 min

Lab File: BF134125.D

Acq: 07 Jul 2023 07:59

Tgt Ion:107 Resp: 347442

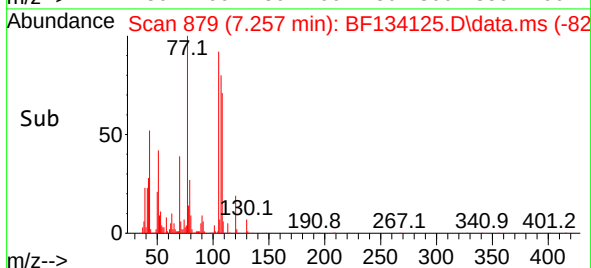
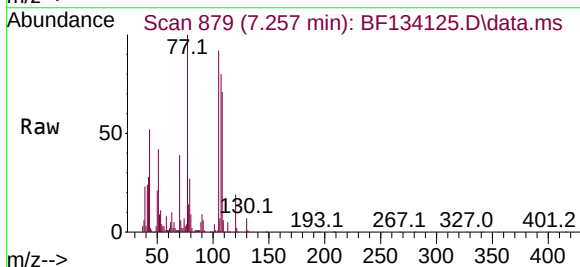
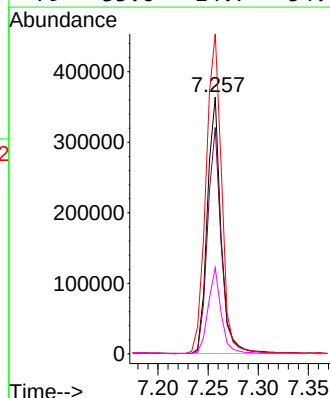
Ion	Ratio	Lower	Upper
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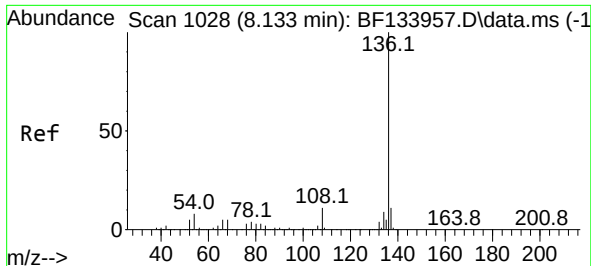
107	100		
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108	88.1	73.2	113.2
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77	124.6	118.3	158.3
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79	33.6	14.7	54.7
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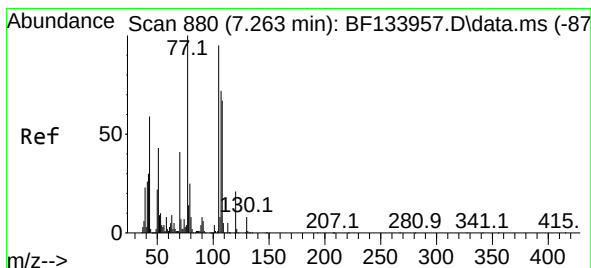
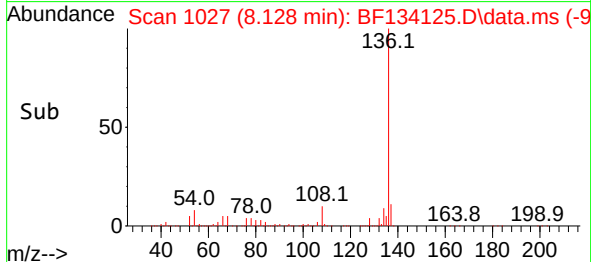
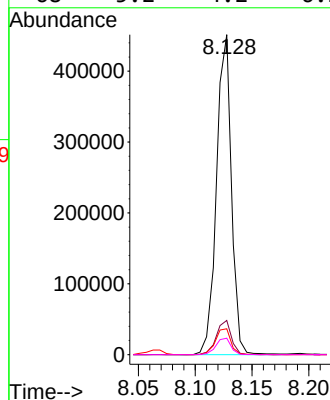
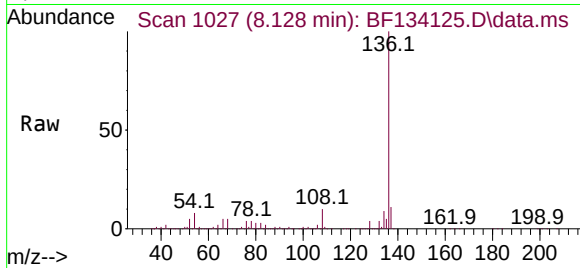


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF134125.D
Acq: 07 Jul 2023 07:59

Instrument :
BNA_F
ClientSampleId :
TB-TP1MSD

Tgt Ion:136 Resp: 413454

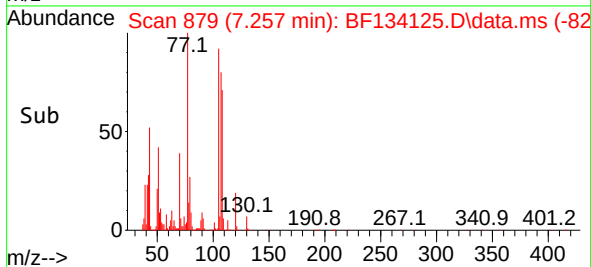
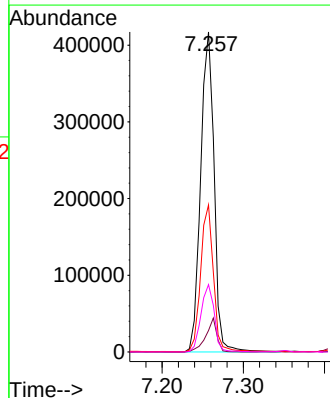
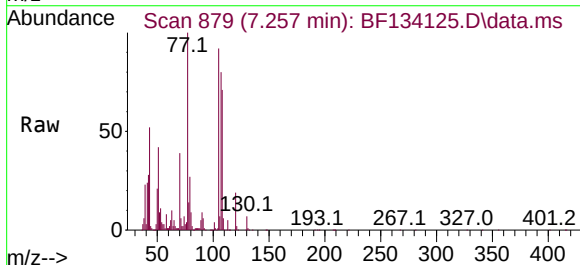
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	8.1	6.5	9.7
68	5.2	4.2	6.2

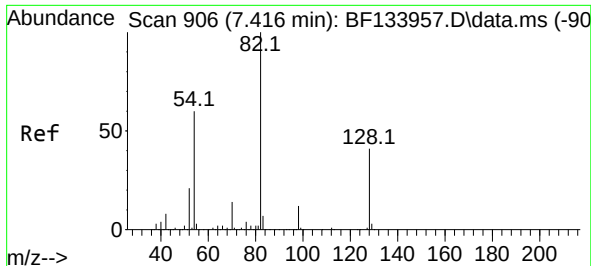


#22
Acetophenone
Concen: 51.192 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF134125.D
Acq: 07 Jul 2023 07:59

Tgt Ion:105 Resp: 481354

Ion	Ratio	Lower	Upper
105	100		
71	6.7	5.5	8.3
51	46.0	36.5	54.7
120	21.1	17.3	25.9





#23

Nitrobenzene-d5

Concen: 101.293 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF134125.D

Acq: 07 Jul 2023 07:59

Instrument :

BNA_F

ClientSampleId :

TB-TP1MSD

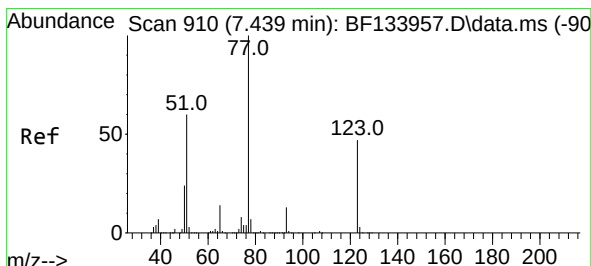
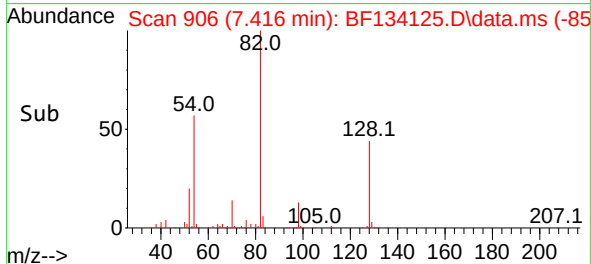
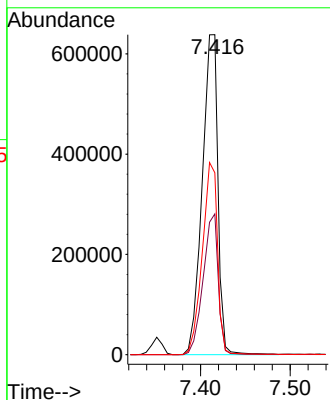
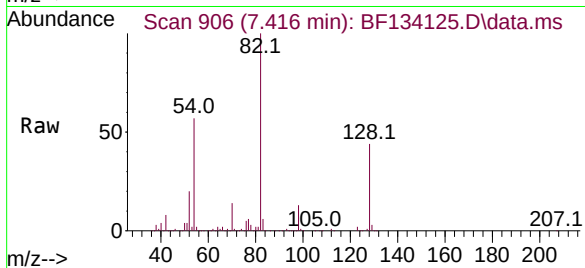
Tgt Ion: 82 Resp: 776916

Ion Ratio Lower Upper

82 100

128 44.0 32.5 48.7

54 56.9 48.2 72.2



#24

Nitrobenzene

Concen: 49.465 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF134125.D

Acq: 07 Jul 2023 07:59

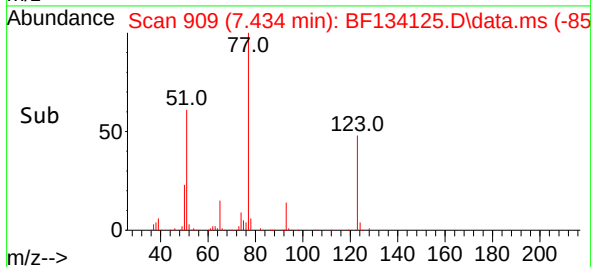
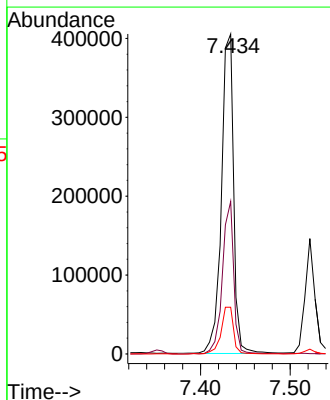
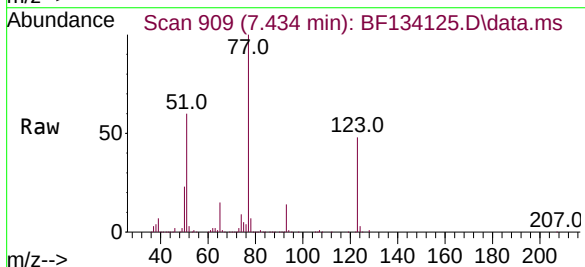
Tgt Ion: 77 Resp: 383390

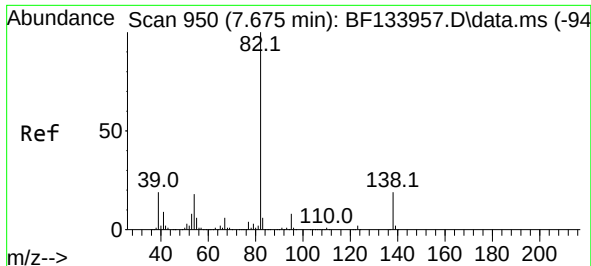
Ion Ratio Lower Upper

77 100

123 47.6 37.8 56.6

65 14.6 11.3 16.9

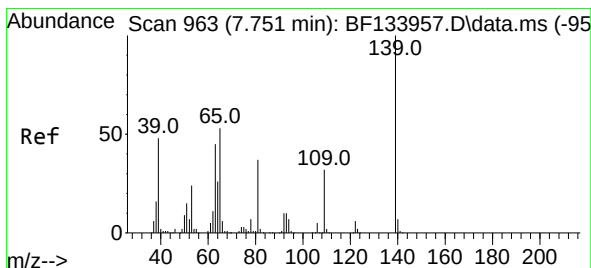
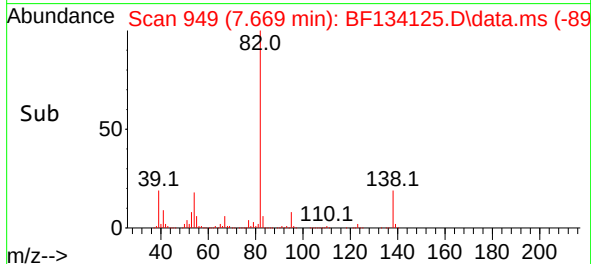
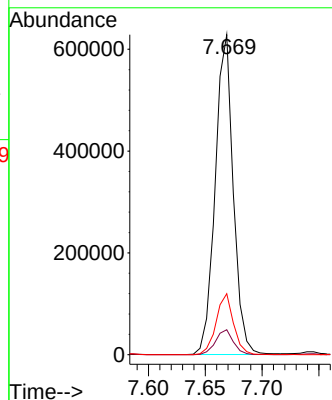
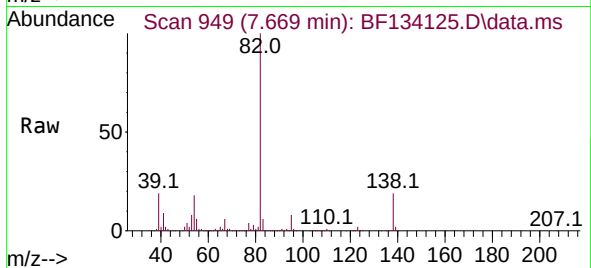




#25
Isophorone
Concen: 49.919 ng
RT: 7.669 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF134125.D
Acq: 07 Jul 2023 07:59

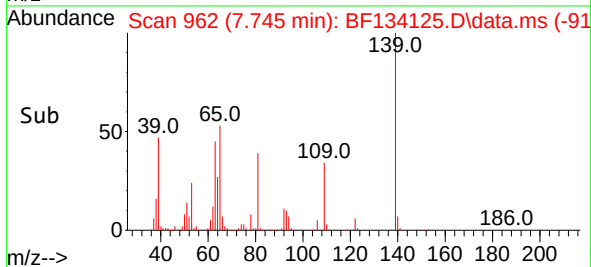
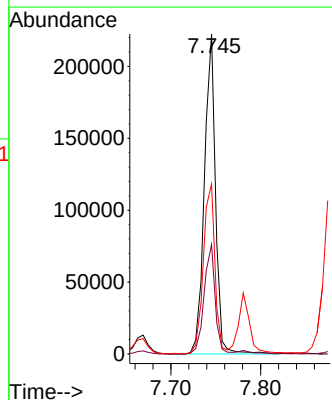
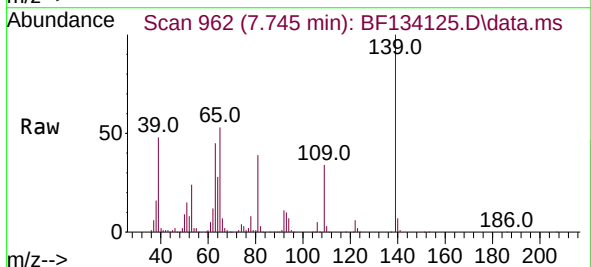
Instrument :
BNA_F
ClientSampleId :
TB-TP1MSD

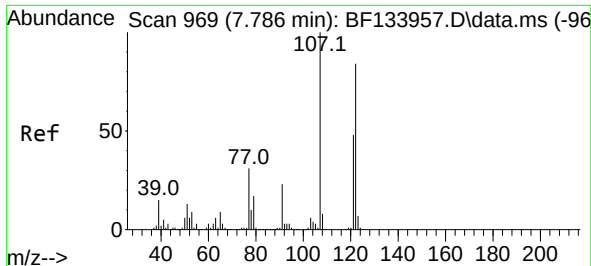
Tgt Ion: 82 Resp: 695854
Ion Ratio Lower Upper
82 100
95 7.8 6.1 9.1
138 19.1 15.2 22.8



#26
2-Nitrophenol
Concen: 51.724 ng
RT: 7.745 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF134125.D
Acq: 07 Jul 2023 07:59

Tgt Ion: 139 Resp: 192316
Ion Ratio Lower Upper
139 100
109 34.2 25.8 38.8
65 53.1 42.4 63.6

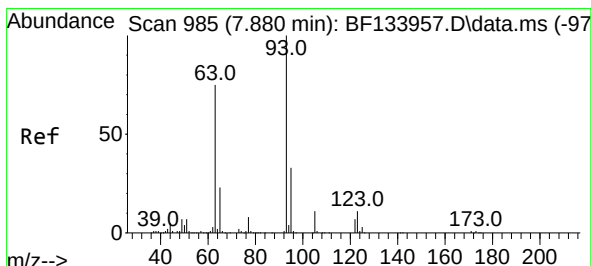
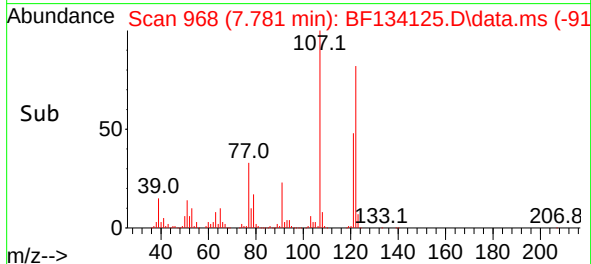
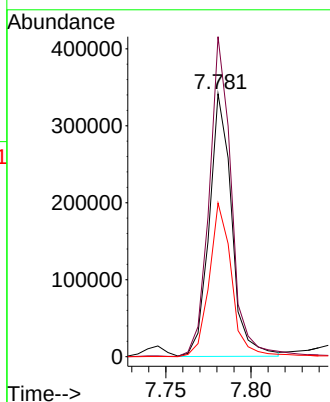
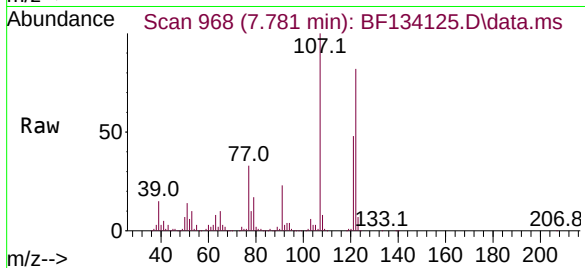




#27
2,4-Dimethylphenol
Concen: 53.044 ng
RT: 7.781 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF134125.D
Acq: 07 Jul 2023 07:59

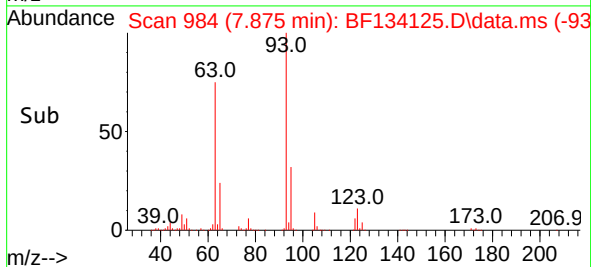
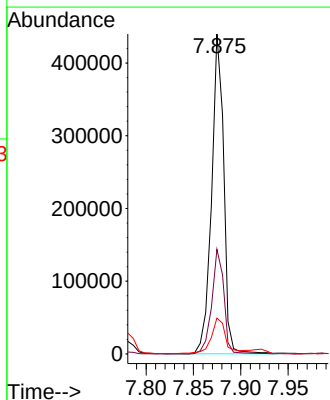
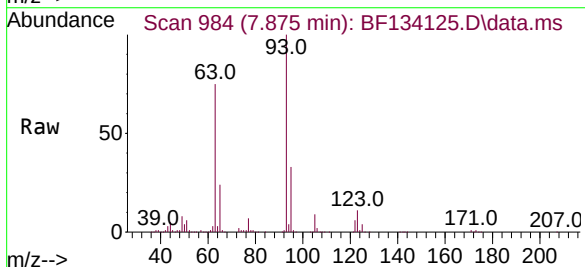
Instrument :
BNA_F
ClientSampleId :
TB-TP1MSD

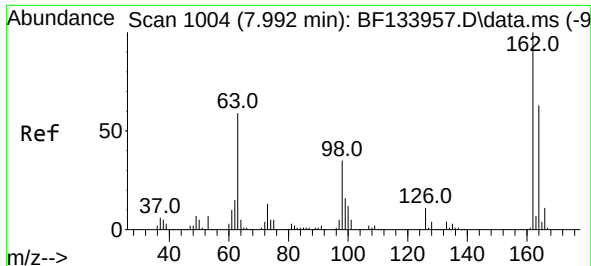
Tgt Ion:122 Resp: 312193
Ion Ratio Lower Upper
122 100
107 121.7 95.5 143.3
121 58.4 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 48.629 ng
RT: 7.875 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF134125.D
Acq: 07 Jul 2023 07:59

Tgt Ion: 93 Resp: 392513
Ion Ratio Lower Upper
93 100
95 32.7 26.5 39.7
123 11.2 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 51.659 ng

RT: 7.987 min Scan# 1003

Delta R.T. -0.006 min

Lab File: BF134125.D

Acq: 07 Jul 2023 07:59

Instrument :

BNA_F

ClientSampleId :

TB-TP1MSD

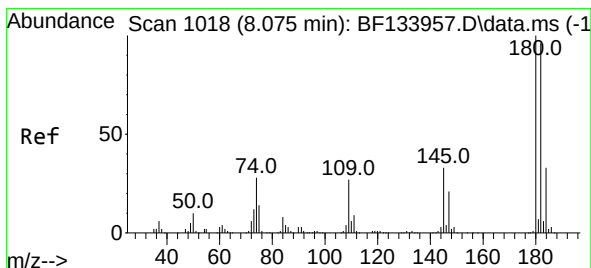
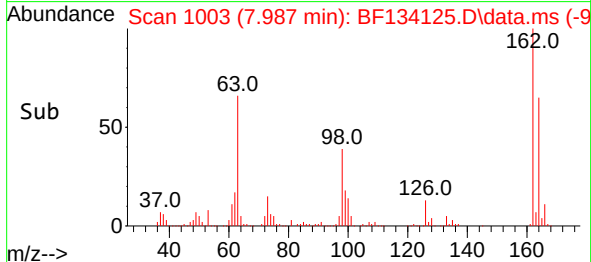
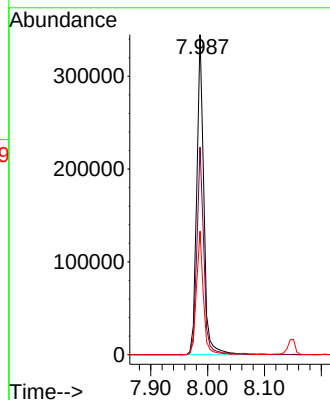
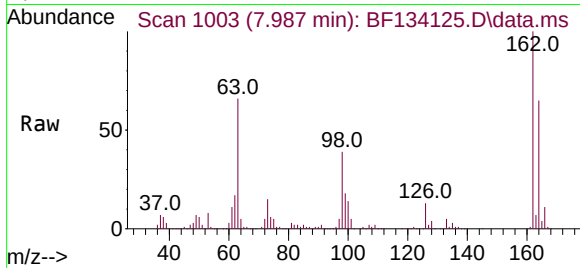
Tgt Ion:162 Resp: 301493

Ion Ratio Lower Upper

162 100

164 64.8 43.2 83.2

98 38.6 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 50.597 ng

RT: 8.069 min Scan# 1017

Delta R.T. -0.006 min

Lab File: BF134125.D

Acq: 07 Jul 2023 07:59

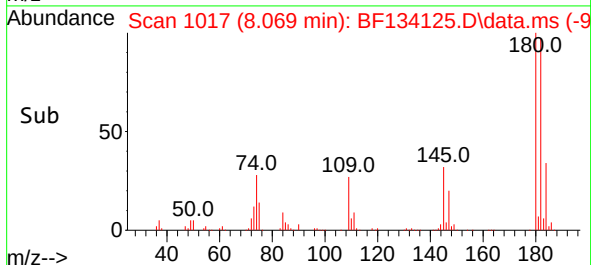
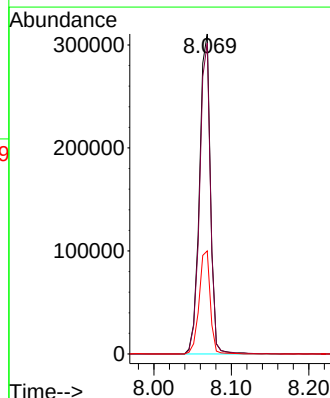
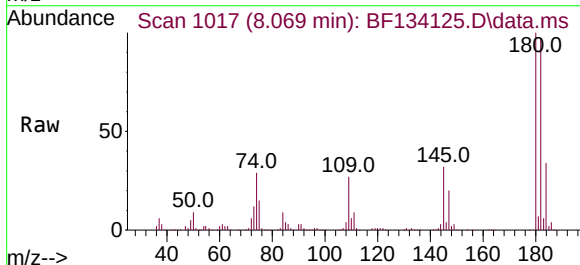
Tgt Ion:180 Resp: 304699

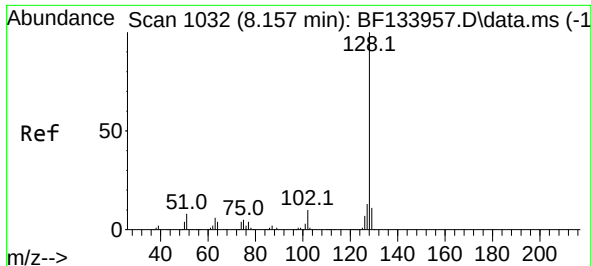
Ion Ratio Lower Upper

180 100

182 97.2 77.1 115.7

145 32.2 26.0 39.0

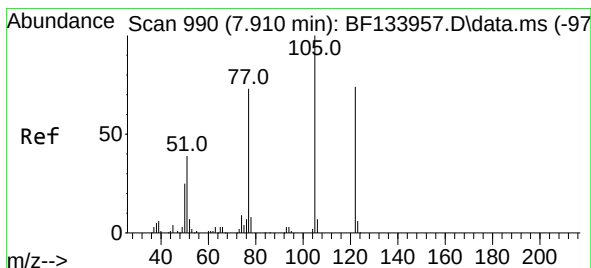
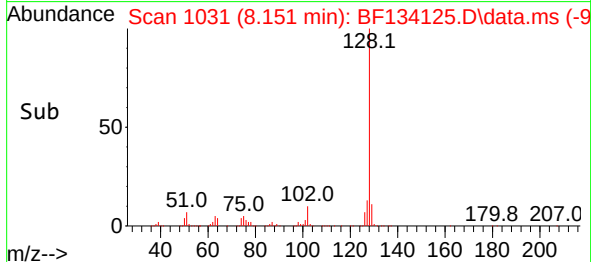
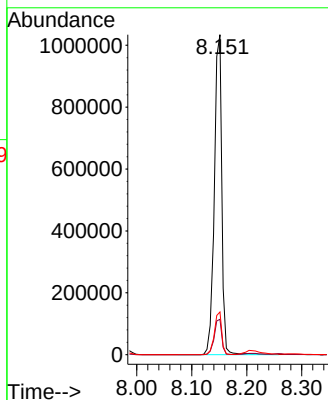
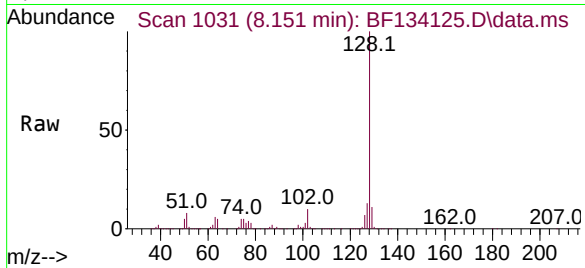




#31
Naphthalene
Concen: 49.116 ng
RT: 8.151 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF134125.D
Acq: 07 Jul 2023 07:59

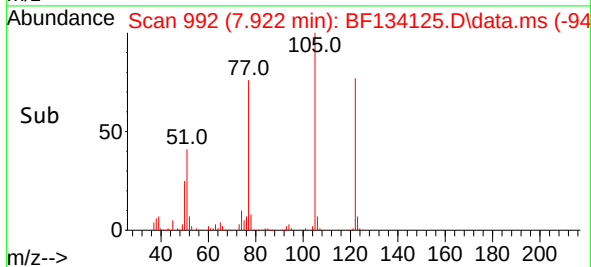
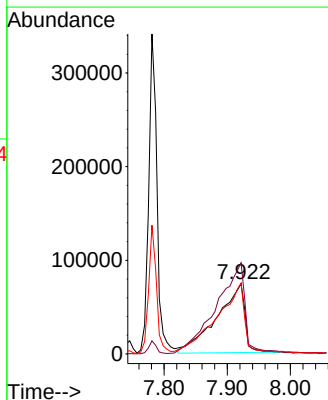
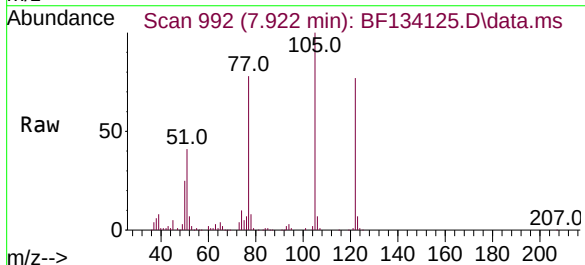
Instrument :
BNA_F
ClientSampleId :
TB-TP1MSD

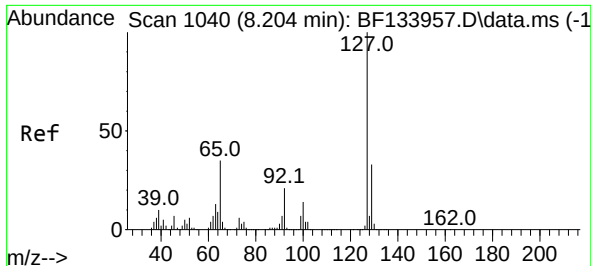
Tgt Ion:128 Resp: 980908
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.3 10.6 15.8



#32
Benzoic acid
Concen: 51.921 ng
RT: 7.922 min Scan# 992
Delta R.T. 0.006 min
Lab File: BF134125.D
Acq: 07 Jul 2023 07:59

Tgt Ion:122 Resp: 228983
Ion Ratio Lower Upper
122 100
105 129.7 109.7 149.7
77 100.9 76.0 116.0

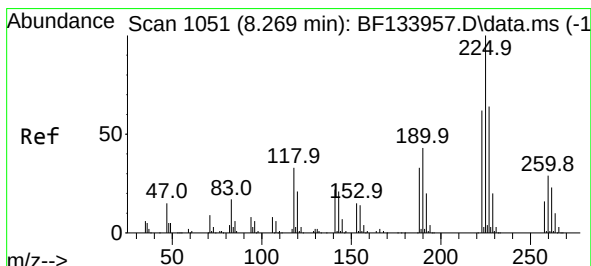
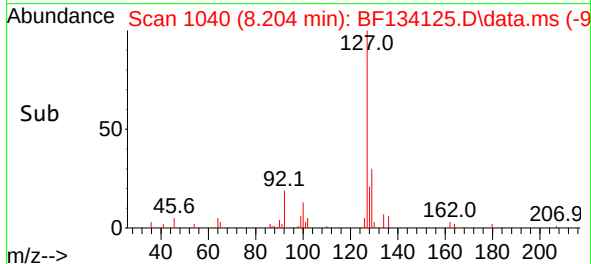
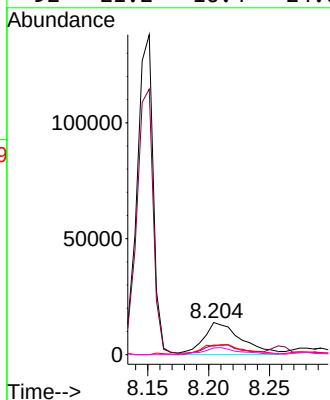
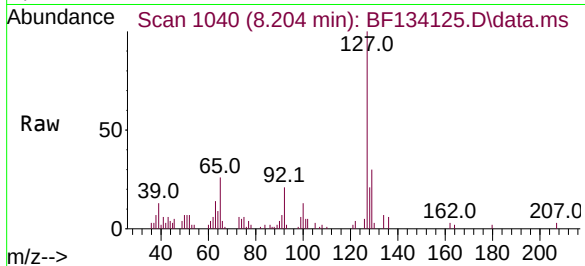




#33
4-Chloroaniline
Concen: 3.471 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF134125.D
Acq: 07 Jul 2023 07:59

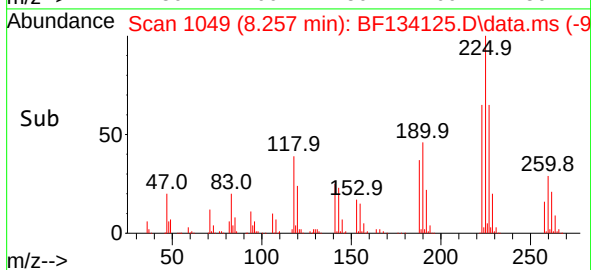
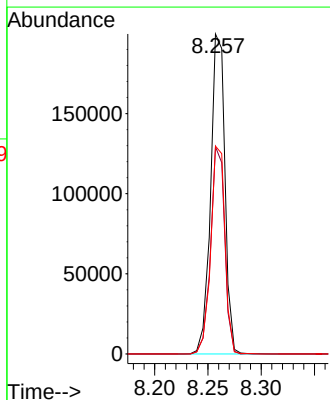
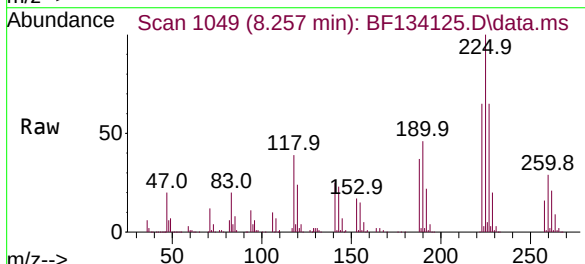
Instrument :
BNA_F
ClientSampleId :
TB-TP1MSD

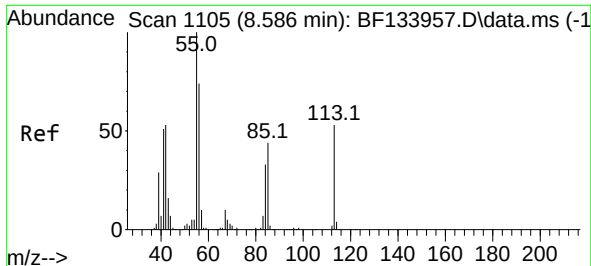
Tgt Ion:	127	Resp:	29656
Ion Ratio	Lower	Upper	
127	100		
129	30.0	26.4	39.6
65	26.4	27.8	41.8#
92	21.2	16.4	24.6



#34
Hexachlorobutadiene
Concen: 49.187 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BF134125.D
Acq: 07 Jul 2023 07:59

Tgt Ion:	225	Resp:	186847
Ion Ratio	Lower	Upper	
225	100		
223	64.8	49.8	74.8
227	65.0	51.0	76.4

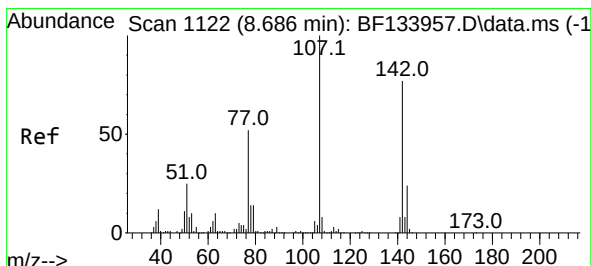
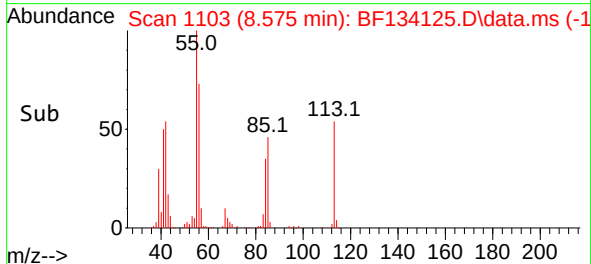
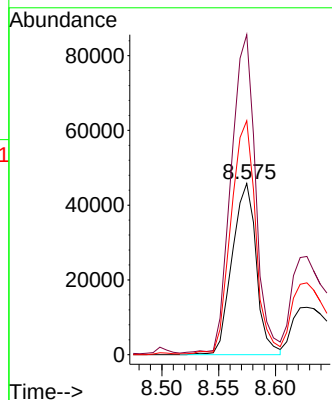
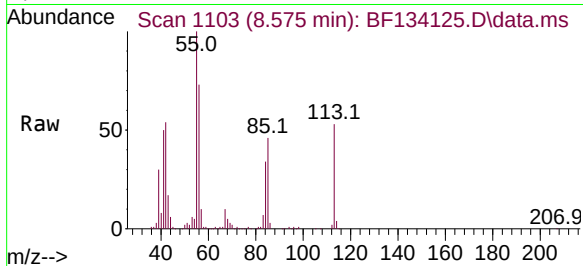




#35
 Caprolactam
 Concen: 35.198 ng
 RT: 8.575 min Scan# 1103
 Delta R.T. -0.018 min
 Lab File: BF134125.D
 Acq: 07 Jul 2023 07:59

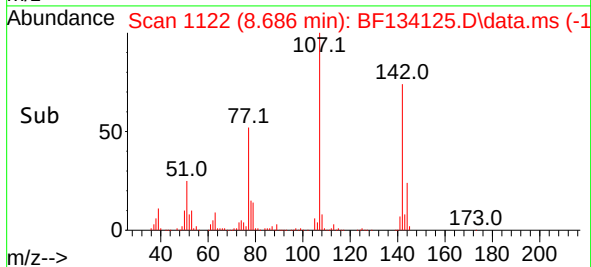
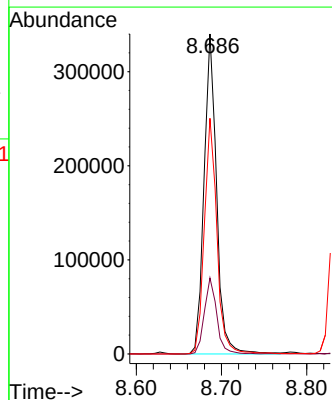
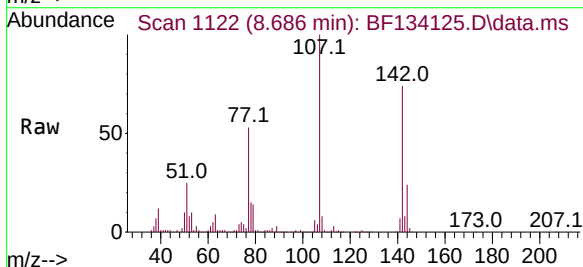
Instrument :
 BNA_F
 ClientSampleId :
 TB-TP1MSD

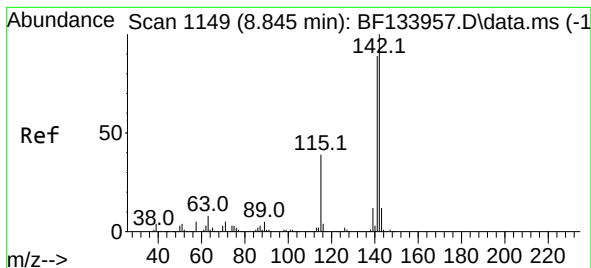
Tgt Ion:113 Resp: 67639
 Ion Ratio Lower Upper
 113 100
 55 187.0 170.2 210.2
 56 136.7 121.4 161.4



#36
 4-Chloro-3-methylphenol
 Concen: 53.007 ng
 RT: 8.686 min Scan# 1122
 Delta R.T. -0.000 min
 Lab File: BF134125.D
 Acq: 07 Jul 2023 07:59

Tgt Ion:107 Resp: 347533
 Ion Ratio Lower Upper
 107 100
 144 23.7 19.6 29.4
 142 73.7 61.4 92.2





#37

2-Methylnaphthalene

Concen: 47.083 ng

RT: 8.839 min Scan# 1148

Delta R.T. -0.006 min

Lab File: BF134125.D

Acq: 07 Jul 2023 07:59

Instrument :

BNA_F

ClientSampleId :

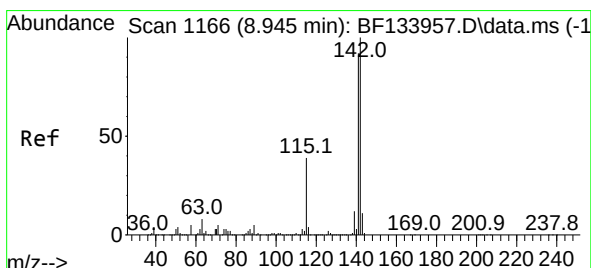
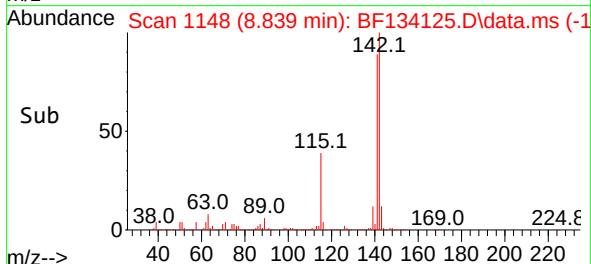
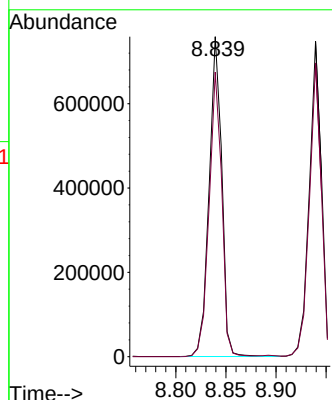
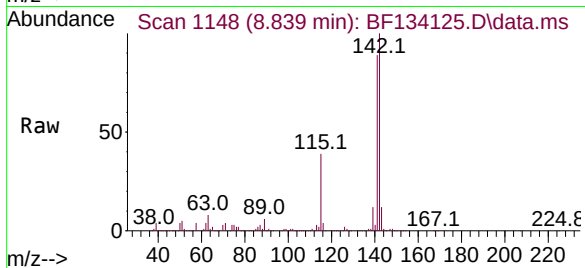
TB-TP1MSD

Tgt Ion:142 Resp: 664942

Ion Ratio Lower Upper

142 100

141 88.9 71.0 106.4



#38

1-Methylnaphthalene

Concen: 47.560 ng

RT: 8.939 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF134125.D

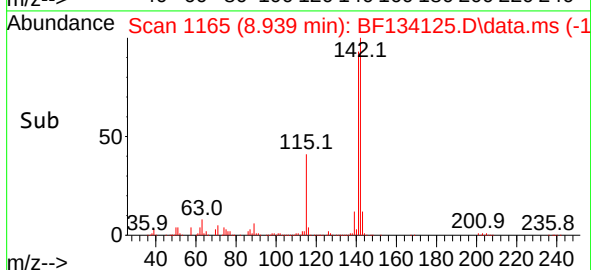
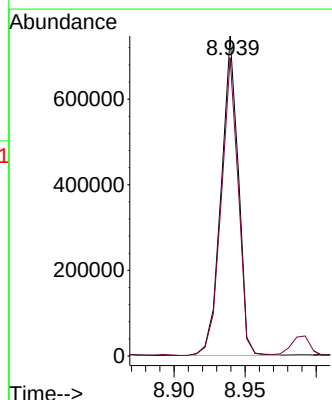
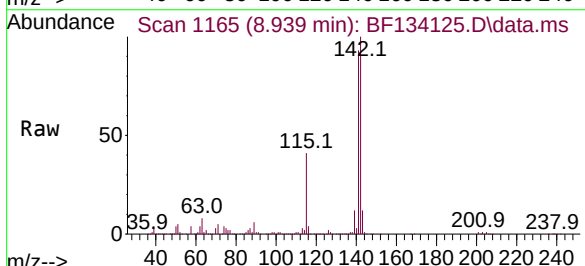
Acq: 07 Jul 2023 07:59

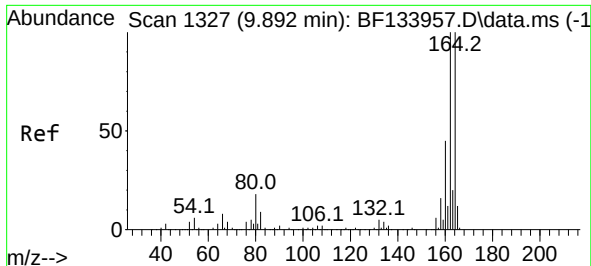
Tgt Ion:142 Resp: 624426

Ion Ratio Lower Upper

142 100

141 93.2 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134125.D

Acq: 07 Jul 2023 07:59

Instrument :

BNA_F

ClientSampleId :

TB-TP1MSD

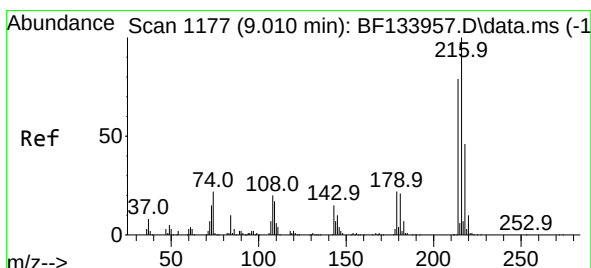
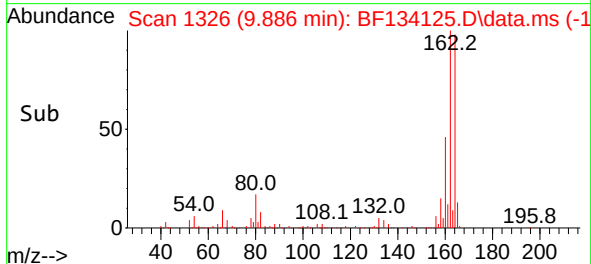
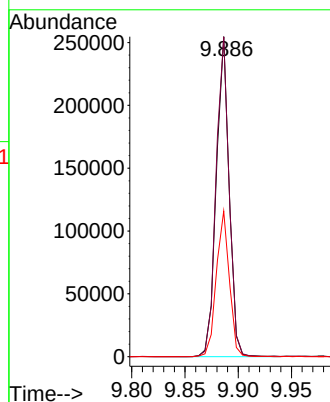
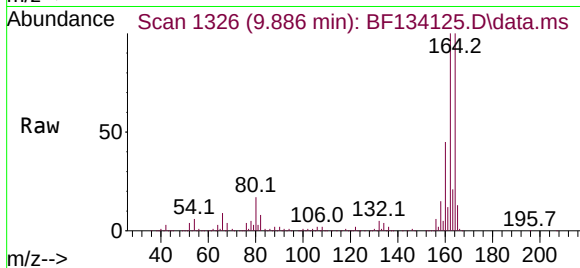
Tgt Ion:164 Resp: 213166

Ion Ratio Lower Upper

164 100

162 99.9 80.0 120.0

160 45.5 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.904 ng

RT: 9.010 min Scan# 1177

Delta R.T. -0.000 min

Lab File: BF134125.D

Acq: 07 Jul 2023 07:59

Tgt Ion:216 Resp: 315160

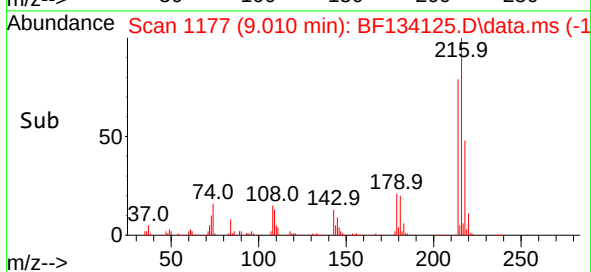
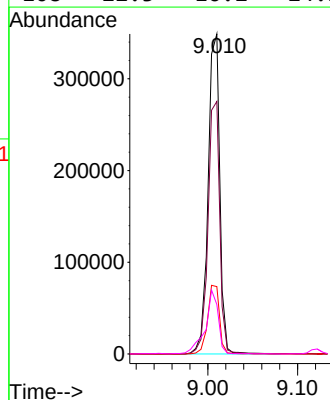
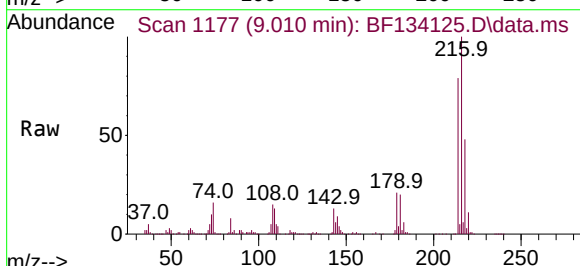
Ion Ratio Lower Upper

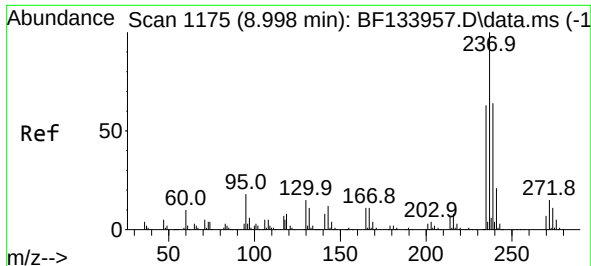
216 100

214 79.5 64.1 96.1

179 21.8 17.3 25.9

108 22.3 16.2 24.2

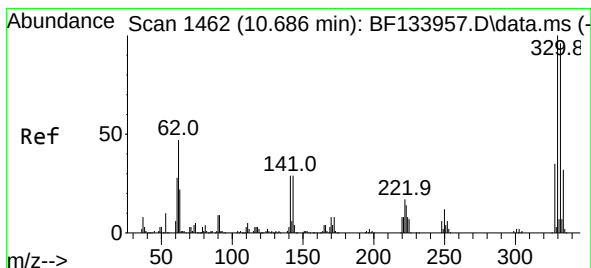
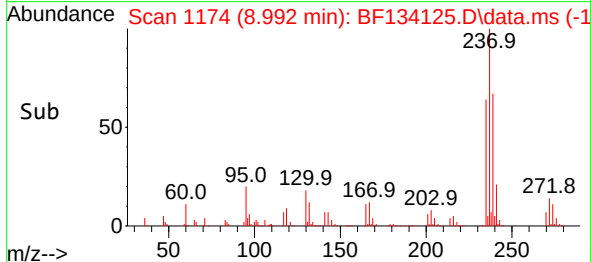
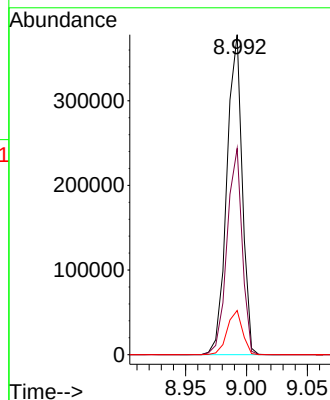
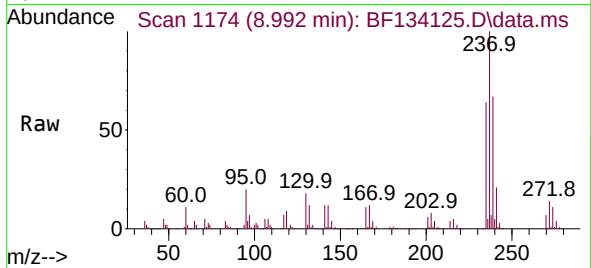




#41
Hexachlorocyclopentadiene
Concen: 110.926 ng
RT: 8.992 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BF134125.D
Acq: 07 Jul 2023 07:59

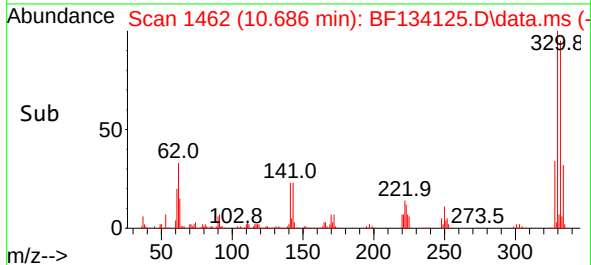
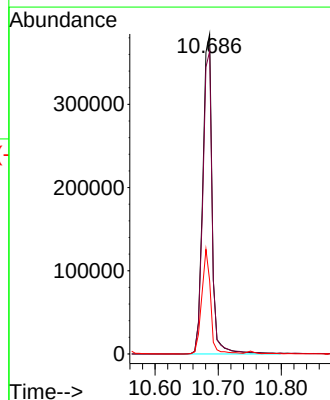
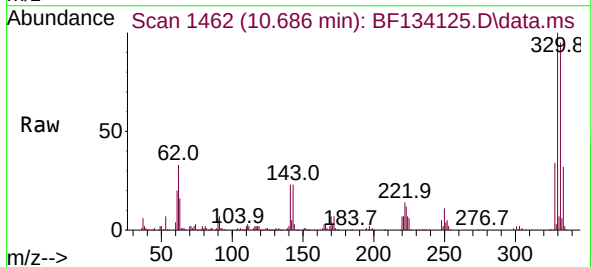
Instrument :
BNA_F
ClientSampleId :
TB-TP1MSD

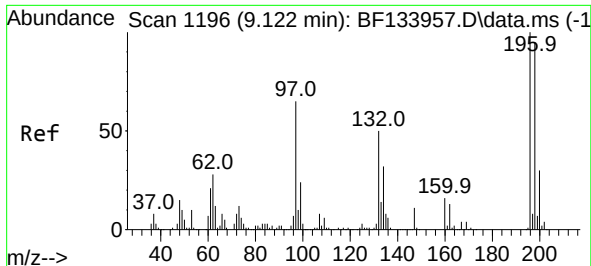
Tgt Ion:237 Resp: 332348
Ion Ratio Lower Upper
237 100
235 64.4 42.8 82.8
272 13.8 0.0 34.6



#42
2,4,6-Tribromophenol
Concen: 148.166 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BF134125.D
Acq: 07 Jul 2023 07:59

Tgt Ion:330 Resp: 395999
Ion Ratio Lower Upper
330 100
332 95.4 77.0 115.6
141 31.0 26.3 39.5

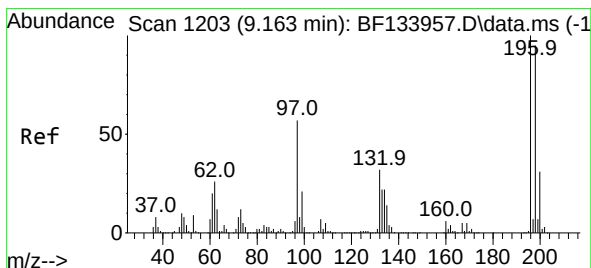
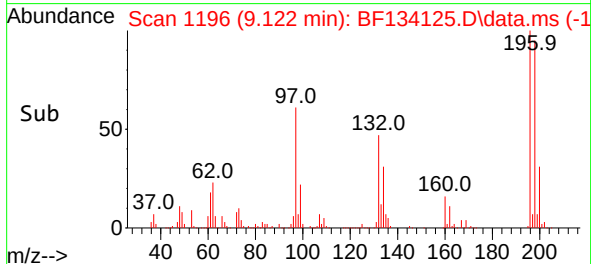
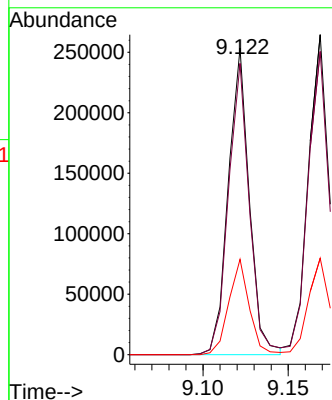
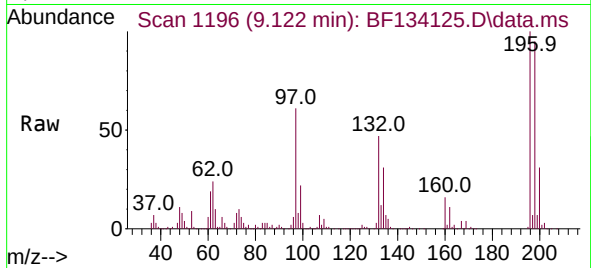




#43
2,4,6-Trichlorophenol
Concen: 50.440 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF134125.D
Acq: 07 Jul 2023 07:59

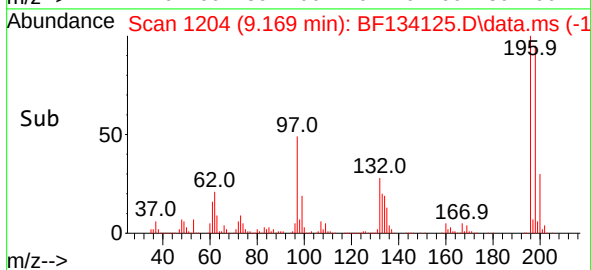
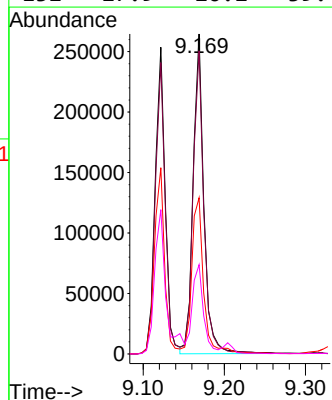
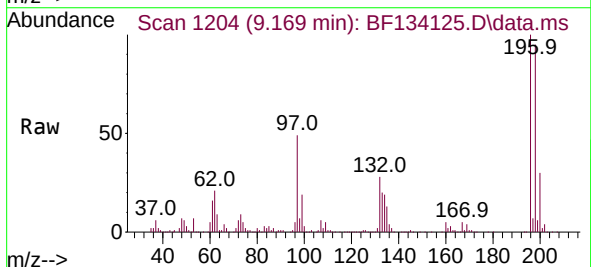
Instrument :
BNA_F
ClientSampleId :
TB-TP1MSD

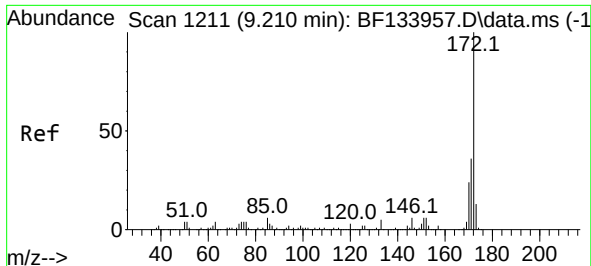
Tgt Ion:196 Resp: 216851
Ion Ratio Lower Upper
196 100
198 95.0 75.6 113.4
200 31.1 24.4 36.6



#44
2,4,5-Trichlorophenol
Concen: 48.263 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.000 min
Lab File: BF134125.D
Acq: 07 Jul 2023 07:59

Tgt Ion:196 Resp: 244067
Ion Ratio Lower Upper
196 100
198 94.7 75.7 113.5
97 48.8 45.8 68.6
132 27.9 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 94.785 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.006 min

Lab File: BF134125.D

Acq: 07 Jul 2023 07:59

Instrument :

BNA_F

ClientSampleId :

TB-TP1MSD

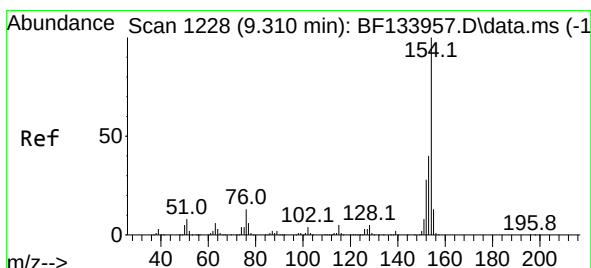
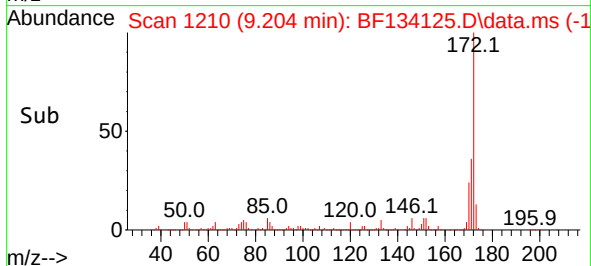
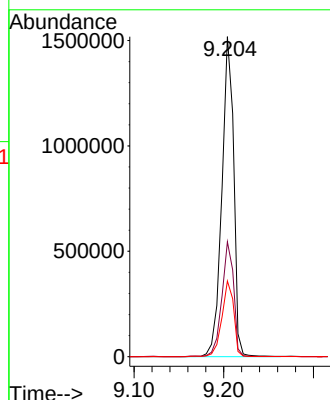
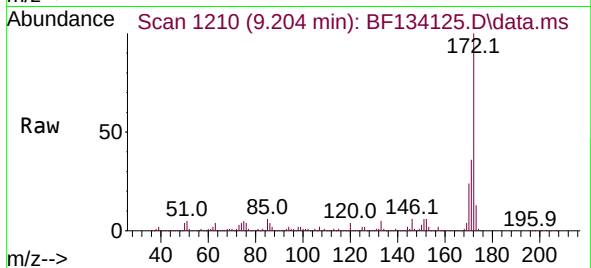
Tgt Ion:172 Resp: 1389707

Ion Ratio Lower Upper

172 100

171 35.9 28.6 43.0

170 23.7 19.4 29.0



#46

1,1'-Biphenyl

Concen: 49.281 ng

RT: 9.304 min Scan# 1227

Delta R.T. -0.006 min

Lab File: BF134125.D

Acq: 07 Jul 2023 07:59

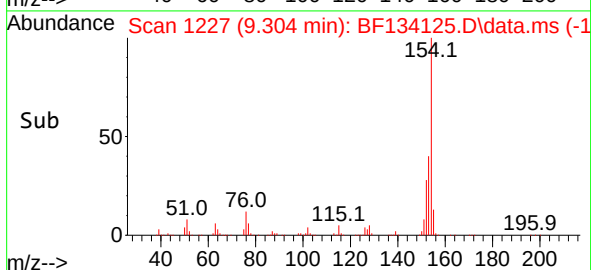
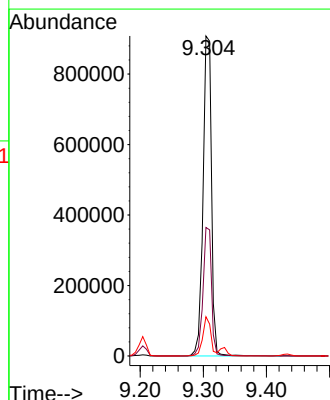
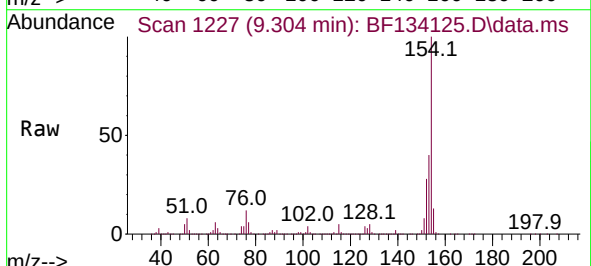
Tgt Ion:154 Resp: 842669

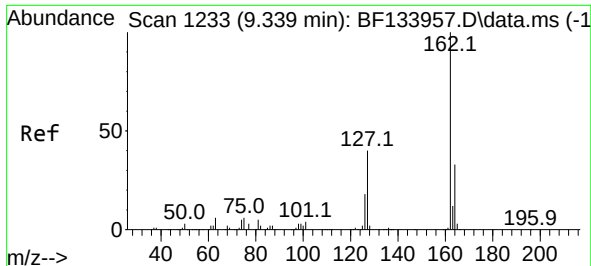
Ion Ratio Lower Upper

154 100

153 40.2 19.8 59.8

76 12.3 0.0 32.9





#47

2-Chloronaphthalene

Concen: 49.551 ng

RT: 9.333 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134125.D

Acq: 07 Jul 2023 07:59

Instrument :

BNA_F

ClientSampleId :

TB-TP1MSD

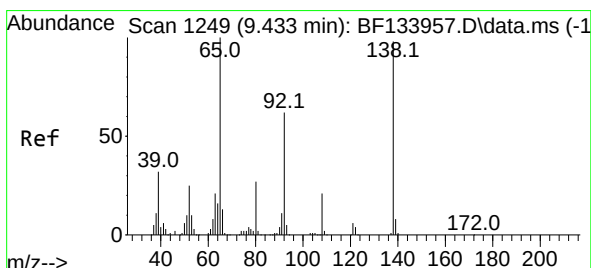
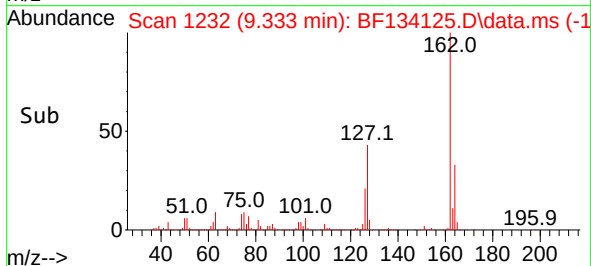
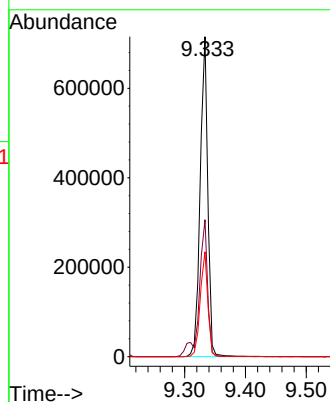
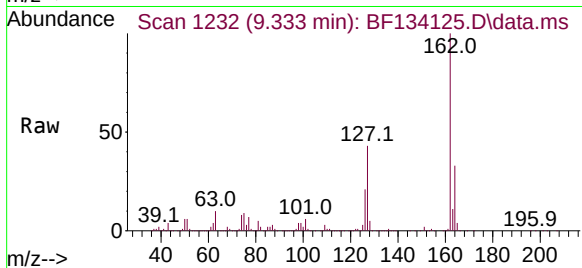
Tgt Ion:162 Resp: 619932

Ion Ratio Lower Upper

162 100

127 42.8 32.9 49.3

164 32.8 26.1 39.1



#48

2-Nitroaniline

Concen: 50.518 ng

RT: 9.433 min Scan# 1249

Delta R.T. -0.006 min

Lab File: BF134125.D

Acq: 07 Jul 2023 07:59

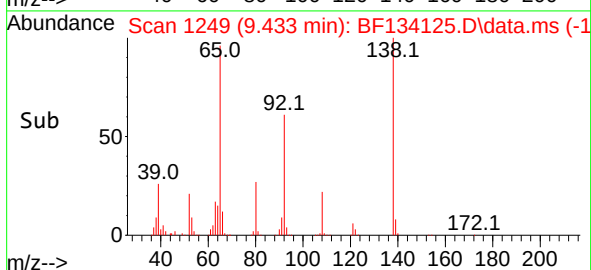
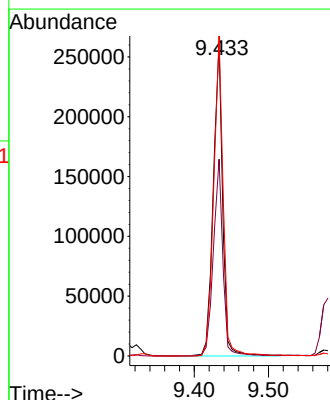
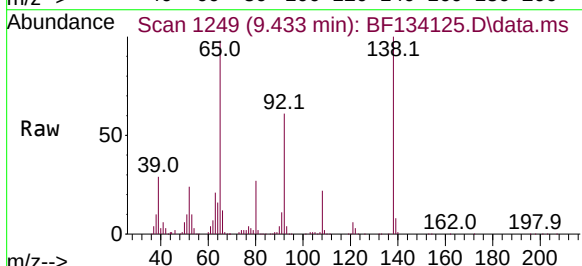
Tgt Ion: 65 Resp: 230344

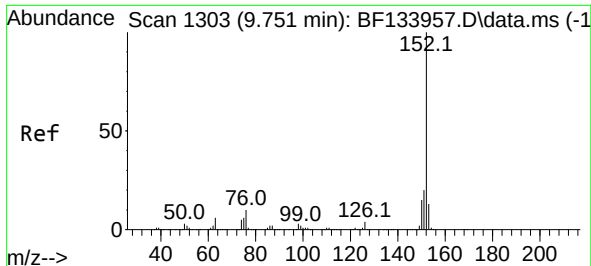
Ion Ratio Lower Upper

65 100

92 63.0 49.5 74.3

138 102.4 78.0 117.0





#49

Acenaphthylene

Concen: 48.019 ng

RT: 9.751 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134125.D

Acq: 07 Jul 2023 07:59

Instrument :

BNA_F

ClientSampleId :

TB-TP1MSD

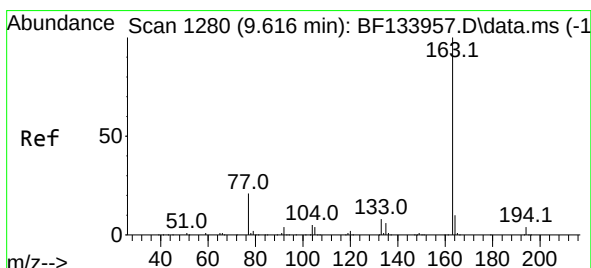
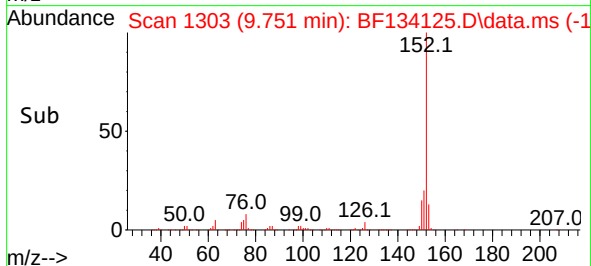
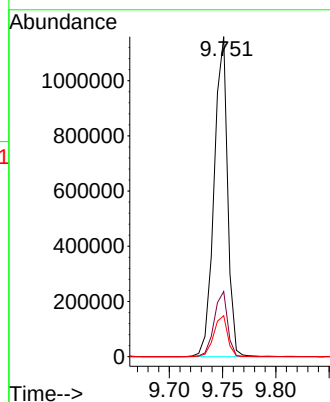
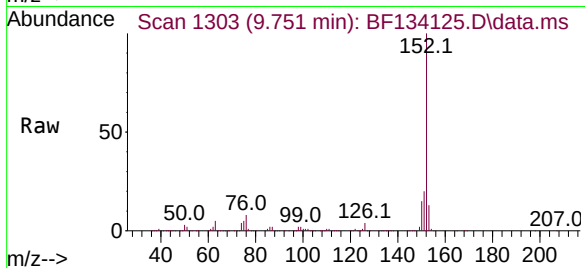
Tgt Ion:152 Resp: 1026255

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

153 12.8 10.8 16.2



#50

Dimethylphthalate

Concen: 51.100 ng

RT: 9.610 min Scan# 1279

Delta R.T. -0.006 min

Lab File: BF134125.D

Acq: 07 Jul 2023 07:59

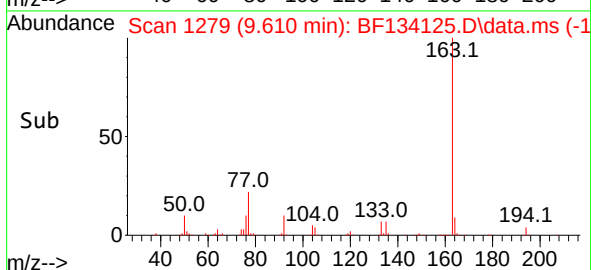
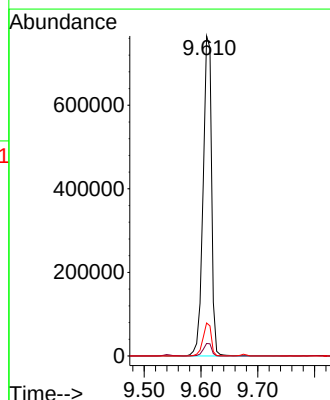
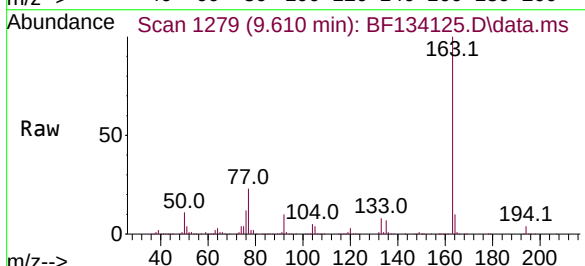
Tgt Ion:163 Resp: 790706

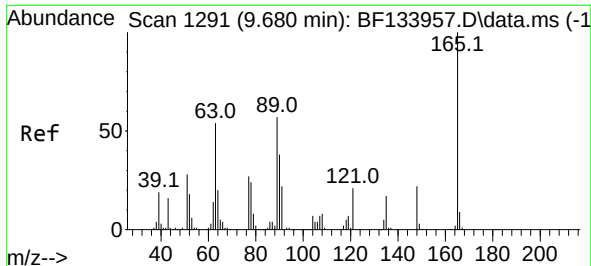
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

164 10.3 8.2 12.2

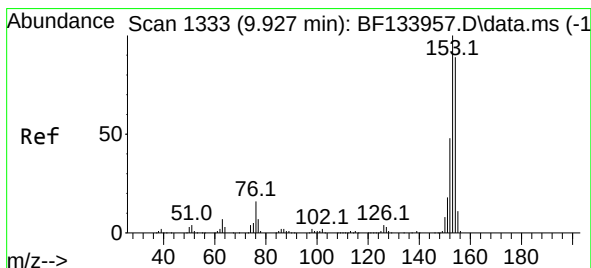
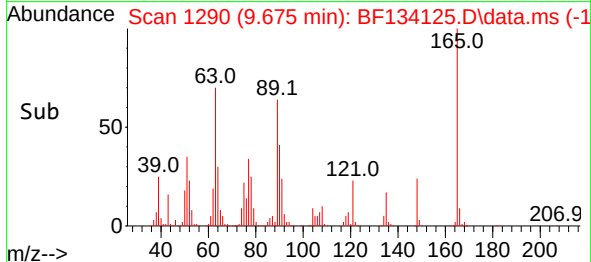
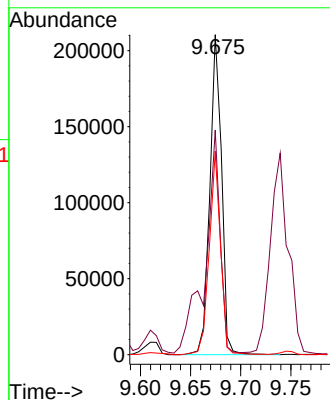
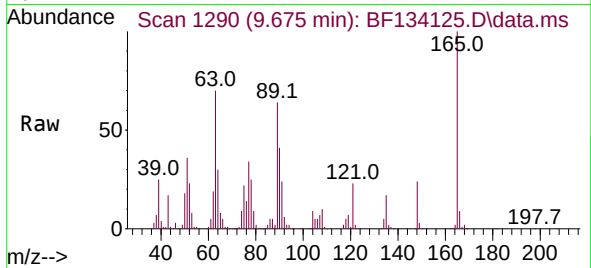




#51
2,6-Dinitrotoluene
Concen: 51.615 ng
RT: 9.675 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF134125.D
Acq: 07 Jul 2023 07:59

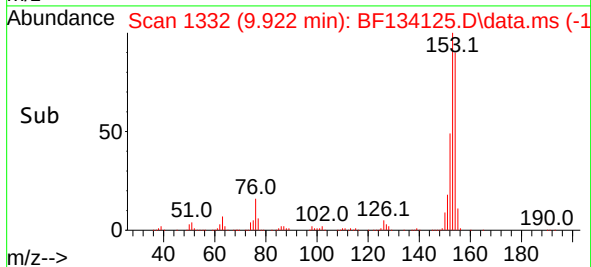
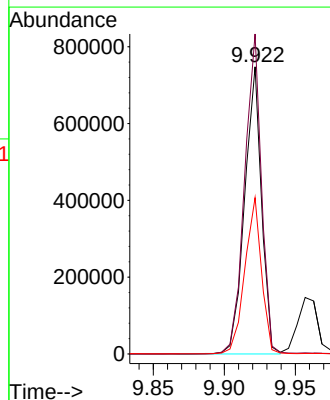
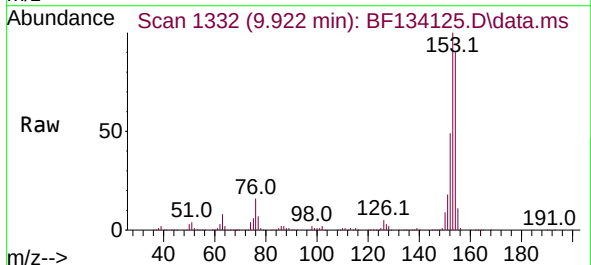
Instrument :
BNA_F
ClientSampleId :
TB-TP1MSD

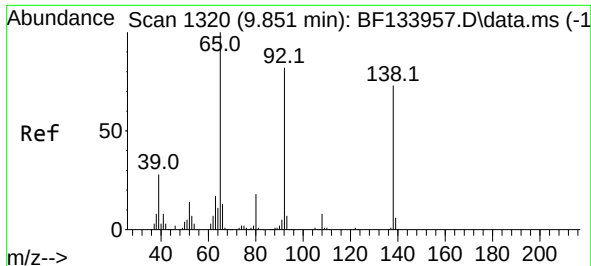
Tgt Ion:165 Resp: 172021
Ion Ratio Lower Upper
165 100
63 70.2 48.5 72.7
89 63.6 45.5 68.3



#52
Acenaphthene
Concen: 49.861 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF134125.D
Acq: 07 Jul 2023 07:59

Tgt Ion:154 Resp: 618336
Ion Ratio Lower Upper
154 100
153 111.4 89.4 134.2
152 54.4 42.8 64.2

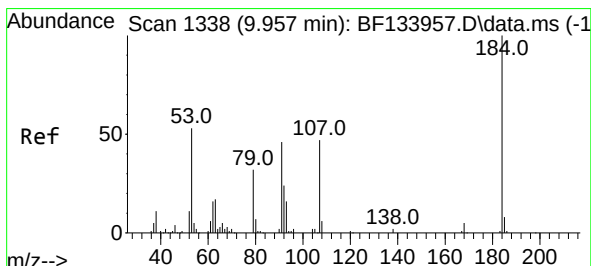
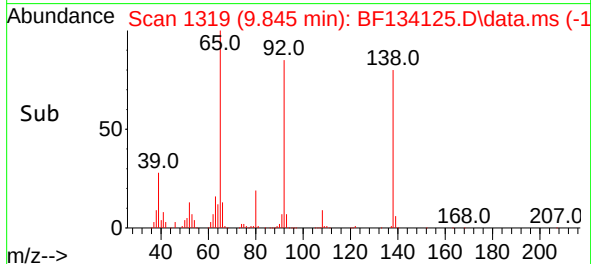
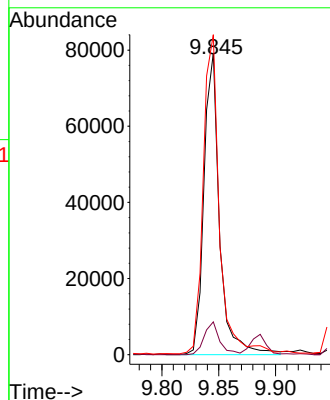
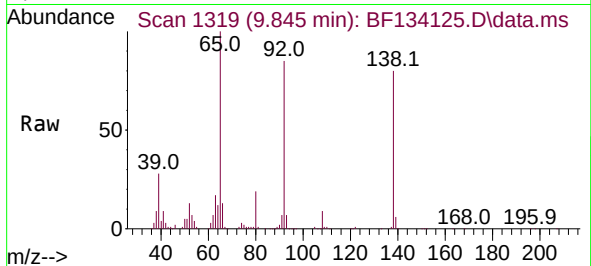




#53
3-Nitroaniline
Concen: 18.929 ng
RT: 9.845 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134125.D
Acq: 07 Jul 2023 07:59

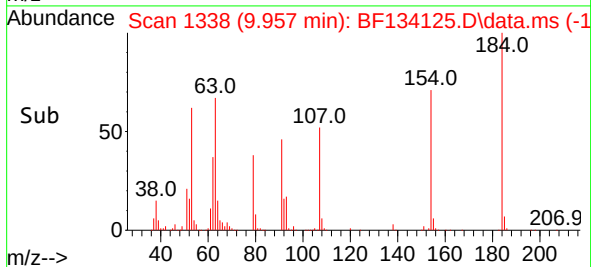
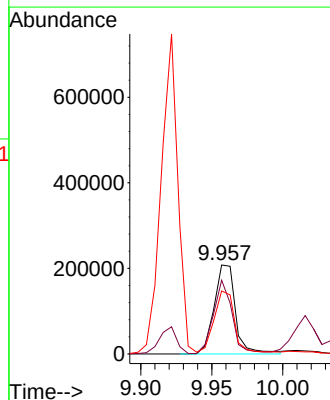
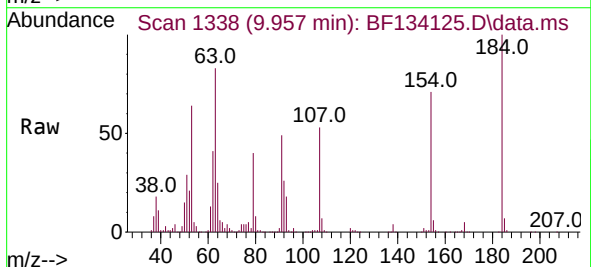
Instrument :
BNA_F
ClientSampleId :
TB-TP1MSD

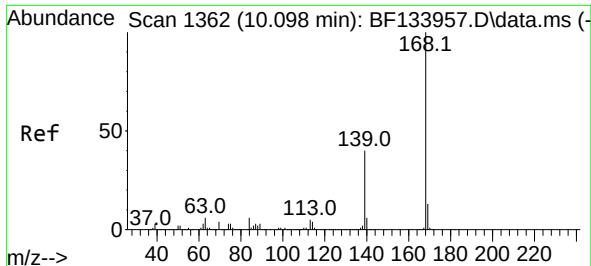
Tgt Ion:138 Resp: 75684
Ion Ratio Lower Upper
138 100
108 10.9 8.4 12.6
92 106.1 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 111.487 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF134125.D
Acq: 07 Jul 2023 07:59

Tgt Ion:184 Resp: 217656
Ion Ratio Lower Upper
184 100
63 83.0 56.9 85.3
154 70.8 55.4 83.0

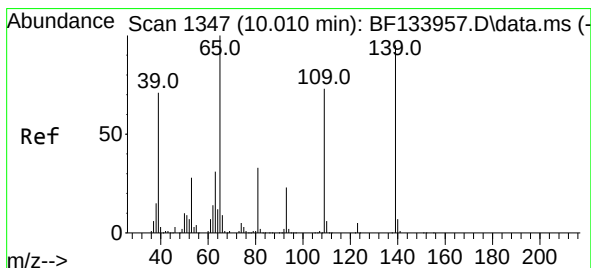
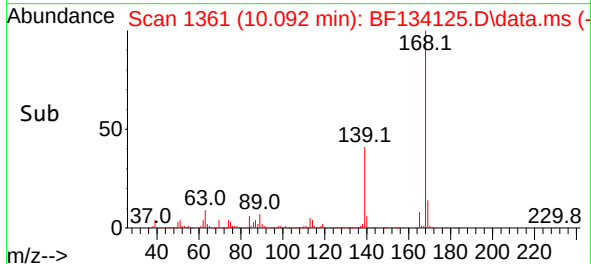
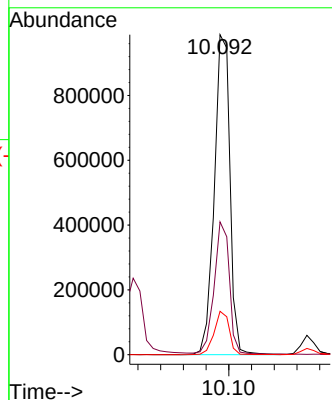
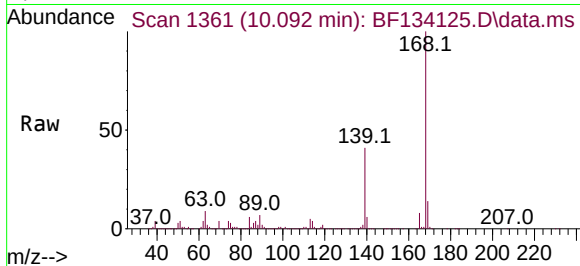




#55
Dibenzenofuran
Concen: 48.836 ng
RT: 10.092 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134125.D
Acq: 07 Jul 2023 07:59

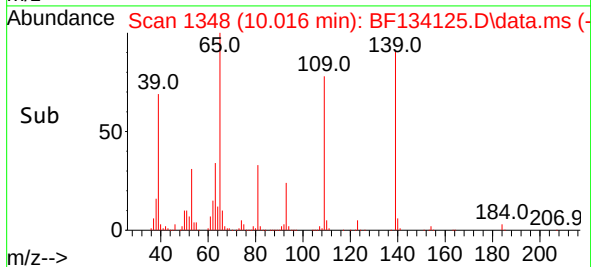
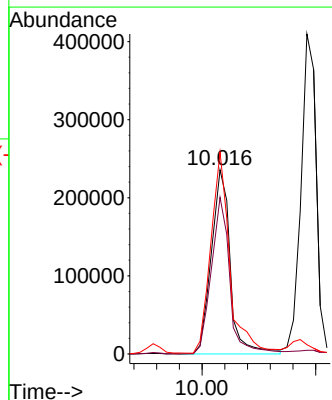
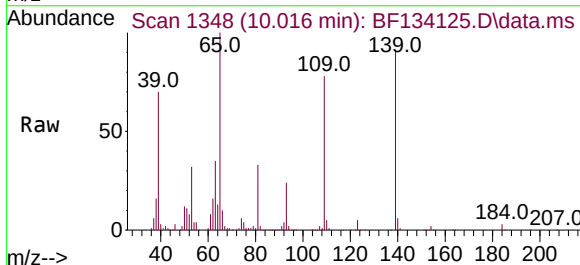
Instrument :
BNA_F
ClientSampleId :
TB-TP1MSD

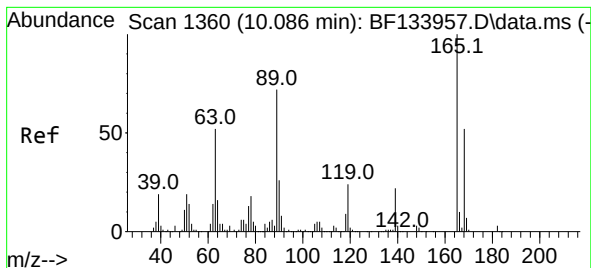
Tgt Ion:168 Resp: 946487
Ion Ratio Lower Upper
168 100
139 41.5 32.0 48.0
169 13.6 10.6 16.0



#56
4-Nitrophenol
Concen: 97.743 ng
RT: 10.016 min Scan# 1348
Delta R.T. -0.000 min
Lab File: BF134125.D
Acq: 07 Jul 2023 07:59

Tgt Ion:139 Resp: 273359
Ion Ratio Lower Upper
139 100
109 85.1 56.8 96.8
65 109.6 86.1 126.1

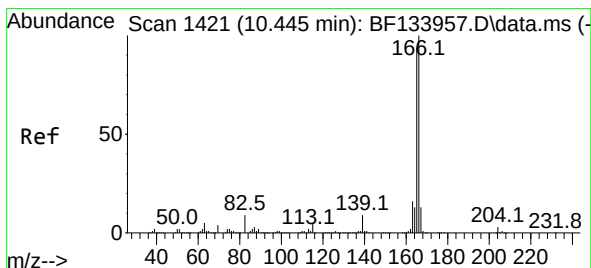
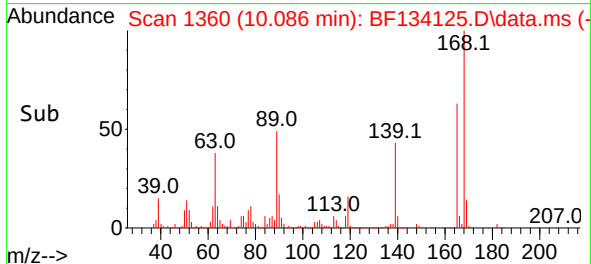
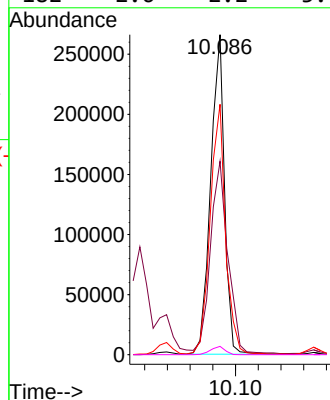
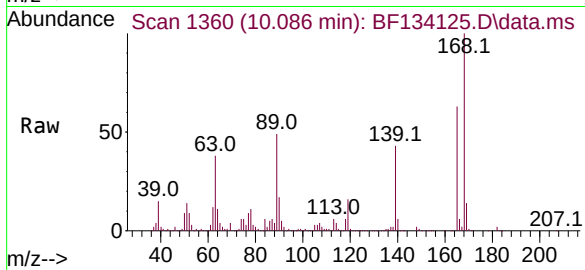




#57
2,4-Dinitrotoluene
Concen: 50.904 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134125.D
Acq: 07 Jul 2023 07:59

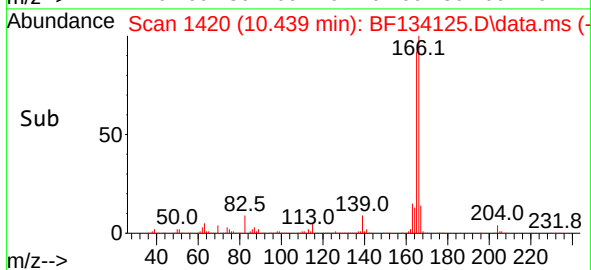
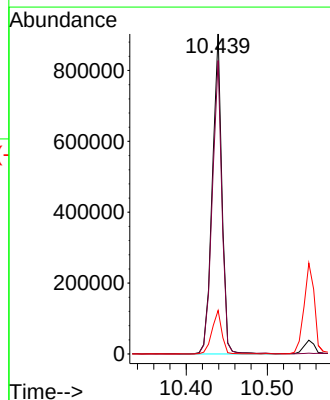
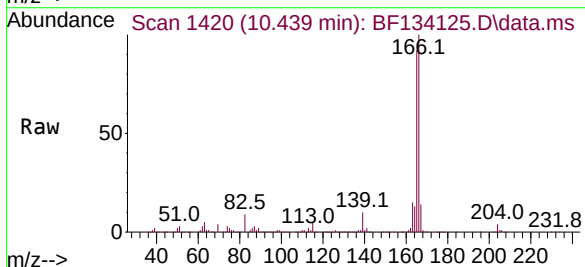
Instrument :
BNA_F
ClientSampleId :
TB-TP1MSD

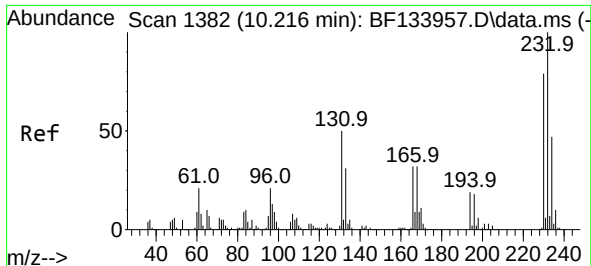
Tgt Ion:165 Resp: 224047
Ion Ratio Lower Upper
165 100
63 60.4 42.2 63.2
89 78.3 57.4 86.2
182 2.6 2.2 3.4



#58
Fluorene
Concen: 49.049 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF134125.D
Acq: 07 Jul 2023 07:59

Tgt Ion:166 Resp: 739582
Ion Ratio Lower Upper
166 100
165 91.7 75.0 112.4
167 13.6 10.6 15.8

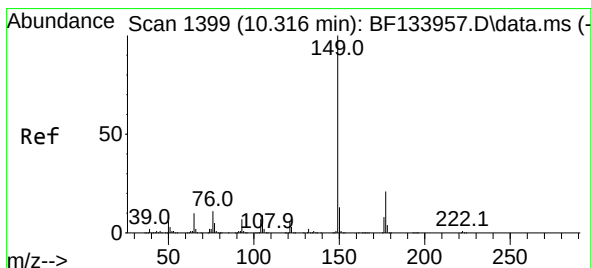
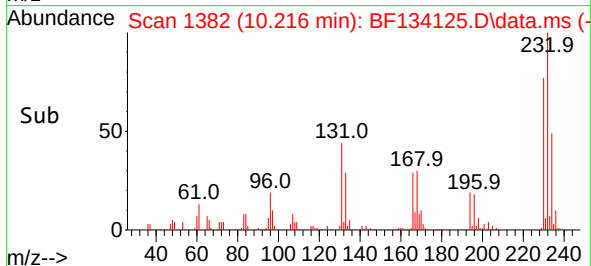
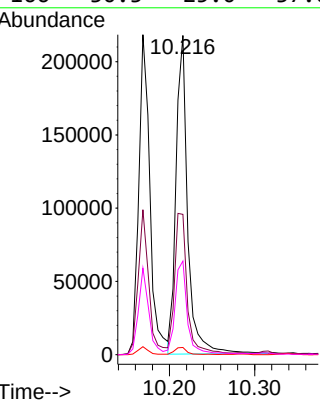
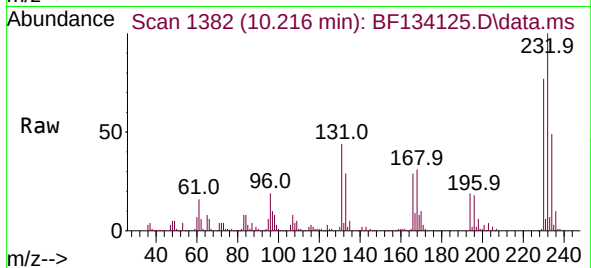




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.671 ng
RT: 10.216 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF134125.D
Acq: 07 Jul 2023 07:59

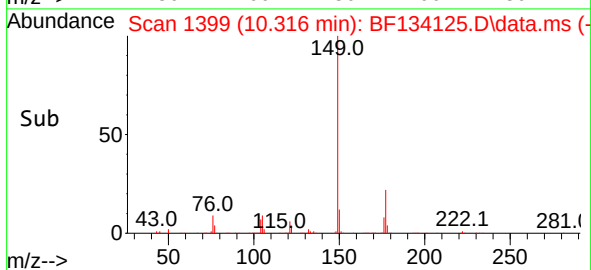
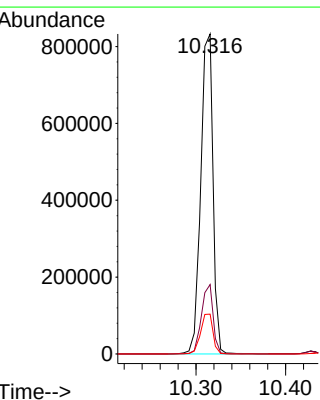
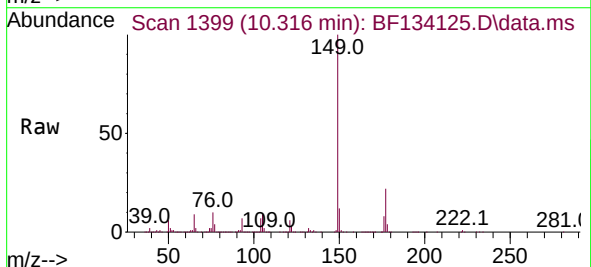
Instrument :
BNA_F
ClientSampleId :
TB-TP1MSD

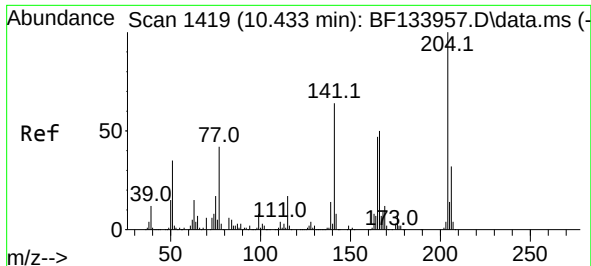
Tgt Ion:232 Resp: 206113
Ion Ratio Lower Upper
232 100
131 49.7 39.3 58.9
130 2.6 1.8 2.6
166 30.3 25.0 37.6



#60
Diethylphthalate
Concen: 48.956 ng
RT: 10.316 min Scan# 1399
Delta R.T. -0.000 min
Lab File: BF134125.D
Acq: 07 Jul 2023 07:59

Tgt Ion:149 Resp: 789240
Ion Ratio Lower Upper
149 100
177 21.7 17.0 25.6
150 12.5 10.2 15.2

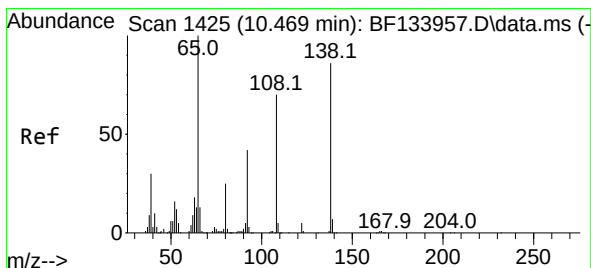
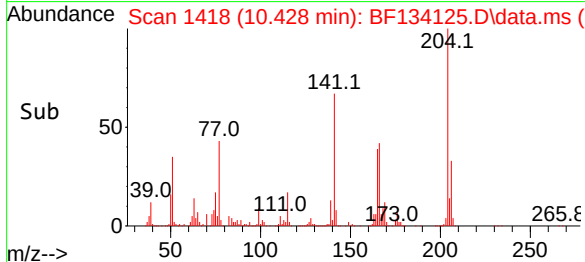
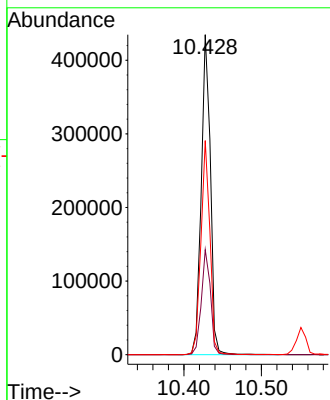
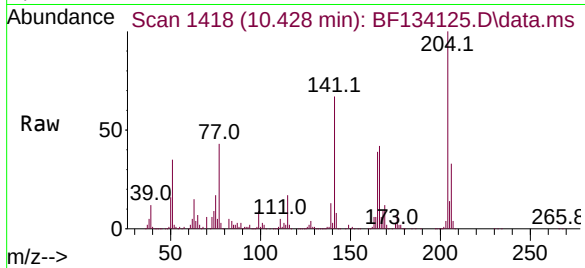




#61
4-Chlorophenyl-phenylether
Concen: 49.064 ng
RT: 10.428 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF134125.D
Acq: 07 Jul 2023 07:59

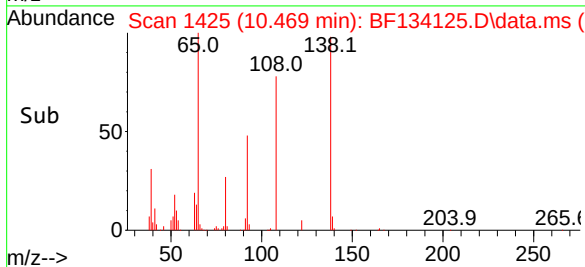
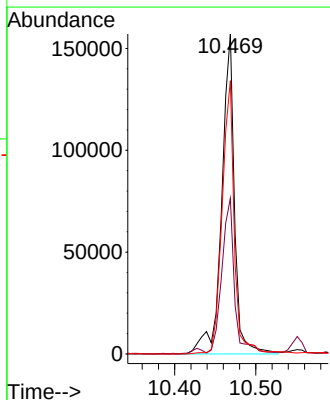
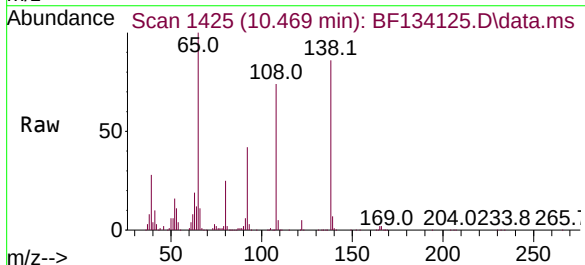
Instrument :
BNA_F
ClientSampleId :
TB-TP1MSD

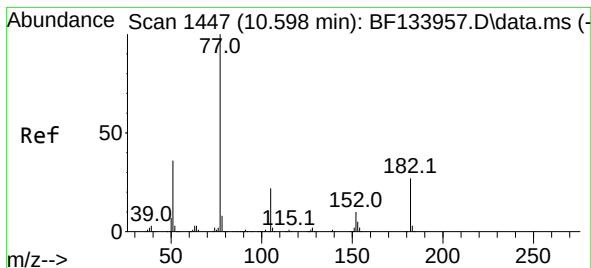
Tgt Ion:204 Resp: 356520
Ion Ratio Lower Upper
204 100
206 32.8 25.8 38.6
141 66.9 51.5 77.3



#62
4-Nitroaniline
Concen: 43.113 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF134125.D
Acq: 07 Jul 2023 07:59

Tgt Ion:138 Resp: 173718
Ion Ratio Lower Upper
138 100
92 48.6 29.7 69.7
108 85.4 62.1 102.1





#63

Azobenzene

Concen: 48.310 ng

RT: 10.592 min Scan# 1446

Delta R.T. -0.006 min

Lab File: BF134125.D

Acq: 07 Jul 2023 07:59

Instrument :

BNA_F

ClientSampleId :

TB-TP1MSD

Tgt Ion: 77 Resp: 736703

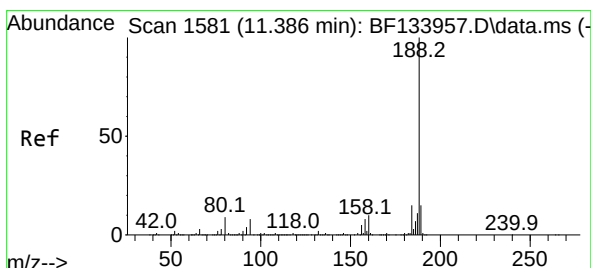
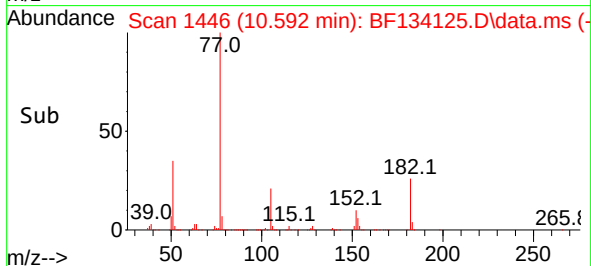
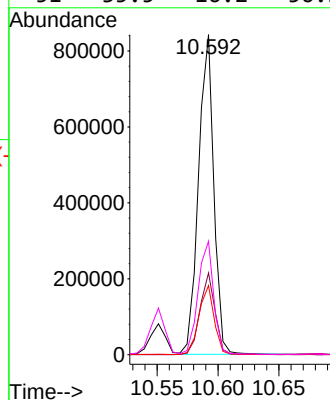
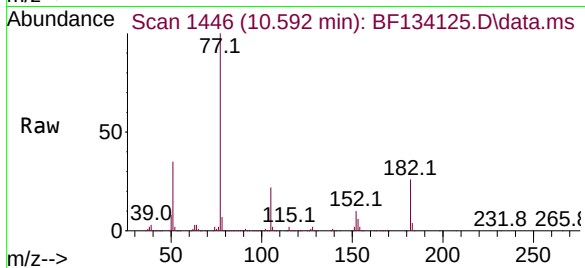
Ion Ratio Lower Upper

77 100

182 25.5 6.8 46.8

105 21.6 2.3 42.3

51 35.5 16.2 56.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1580

Delta R.T. -0.006 min

Lab File: BF134125.D

Acq: 07 Jul 2023 07:59

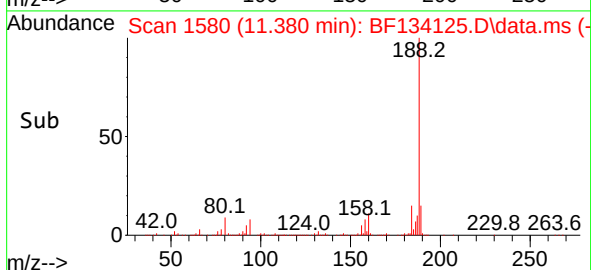
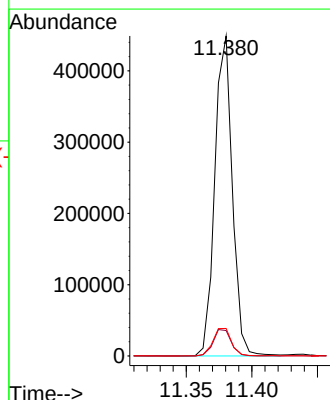
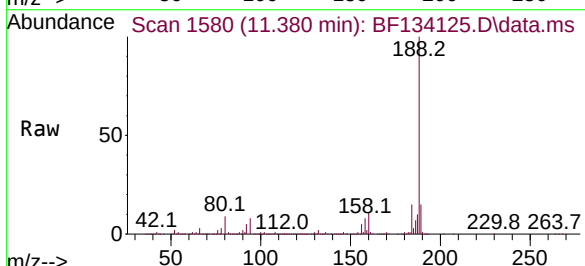
Tgt Ion:188 Resp: 417330

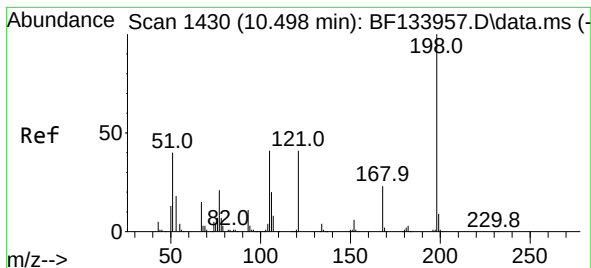
Ion Ratio Lower Upper

188 100

94 7.9 6.4 9.6

80 8.6 7.3 10.9

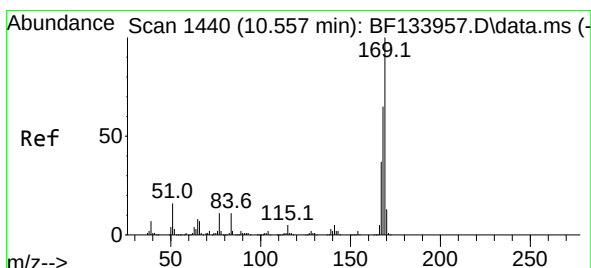
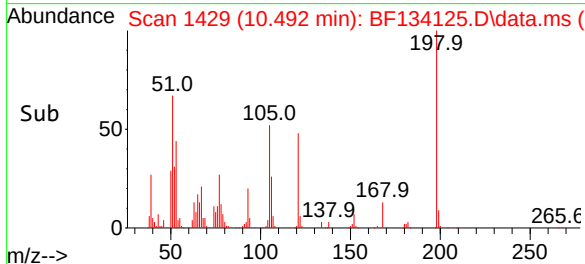
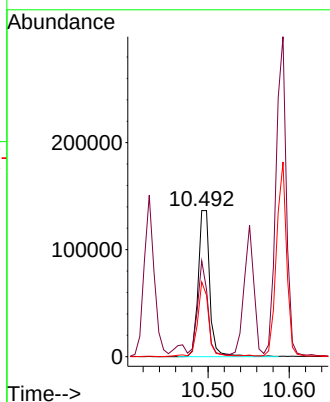
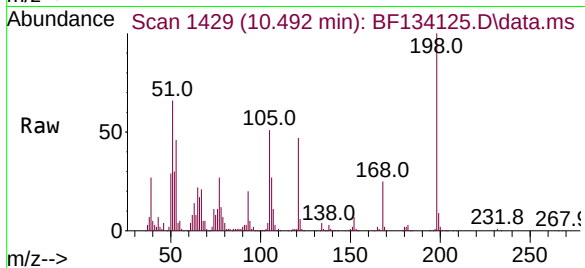




#65
4,6-Dinitro-2-methylphenol
Concen: 59.733 ng
RT: 10.492 min Scan# 1430
Delta R.T. -0.012 min
Lab File: BF134125.D
Acq: 07 Jul 2023 07:59

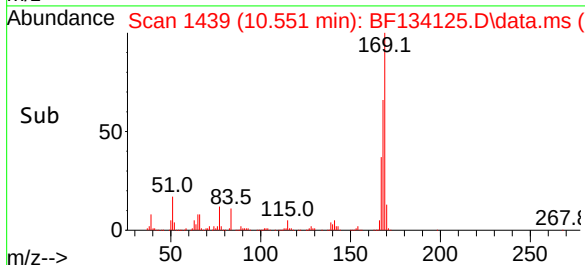
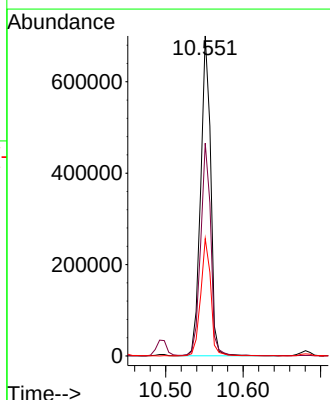
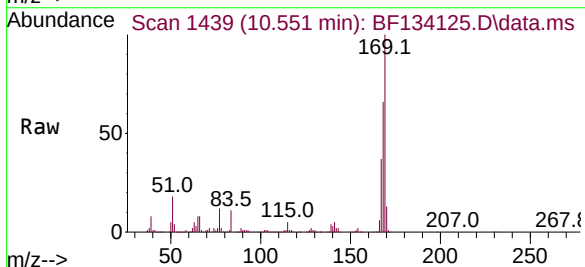
Instrument :
BNA_F
ClientSampleId :
TB-TP1MSD

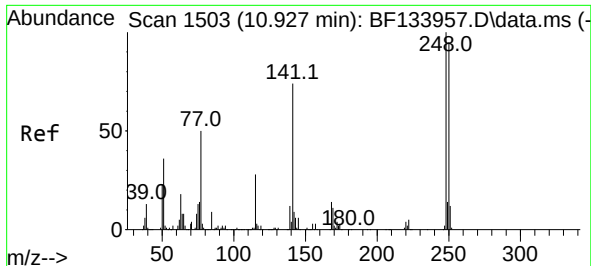
Tgt Ion:198 Resp: 135908
Ion Ratio Lower Upper
198 100
51 65.6 29.3 69.3
105 51.2 22.4 62.4



#66
n-Nitrosodiphenylamine
Concen: 47.061 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF134125.D
Acq: 07 Jul 2023 07:59

Tgt Ion:169 Resp: 627504
Ion Ratio Lower Upper
169 100
168 66.5 52.3 78.5
167 36.6 29.4 44.0

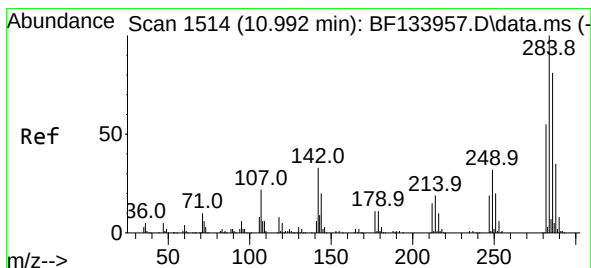
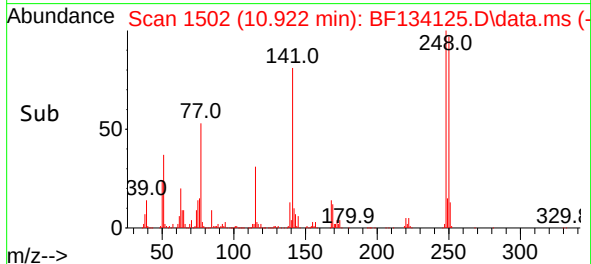
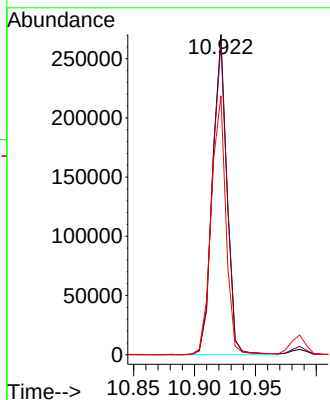
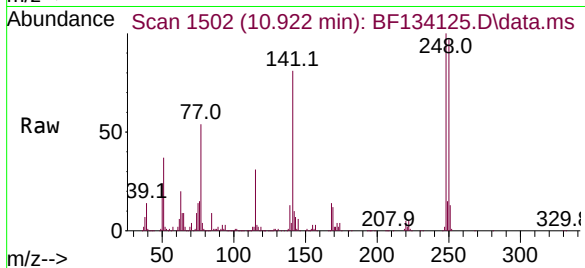




#67
4-Bromophenyl-phenylether
Concen: 50.281 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF134125.D
Acq: 07 Jul 2023 07:59

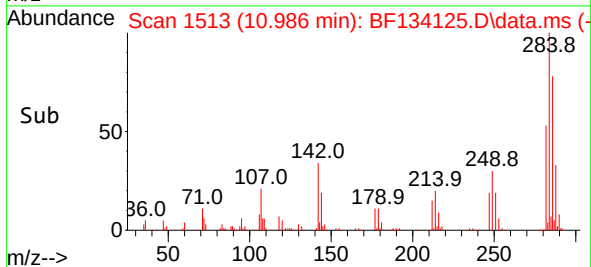
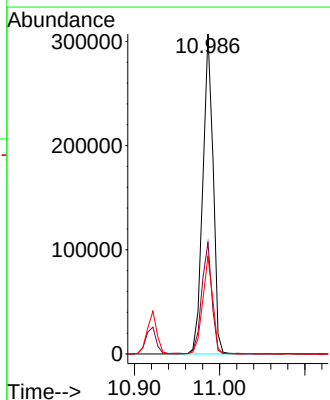
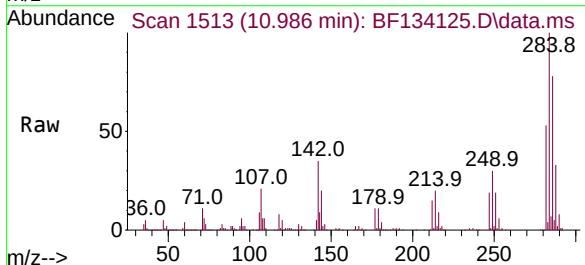
Instrument :
BNA_F
ClientSampleId :
TB-TP1MSD

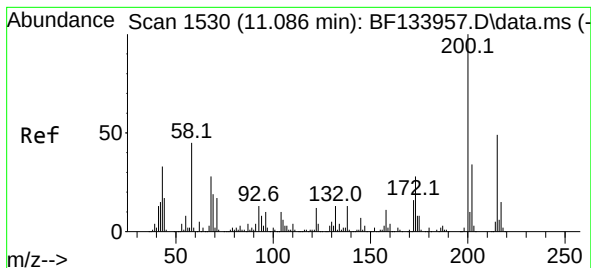
Tgt Ion:248 Resp: 223035
Ion Ratio Lower Upper
248 100
250 97.2 76.2 114.4
141 80.9 59.0 88.4



#68
Hexachlorobenzene
Concen: 54.827 ng
RT: 10.986 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BF134125.D
Acq: 07 Jul 2023 07:59

Tgt Ion:284 Resp: 258220
Ion Ratio Lower Upper
284 100
142 34.9 26.6 40.0
249 30.5 25.5 38.3





#69

Atrazine

Concen: 20.298 ng

RT: 11.075 min Scan# 1528

Delta R.T. -0.012 min

Lab File: BF134125.D

Acq: 07 Jul 2023 07:59

Instrument :

BNA_F

ClientSampleId :

TB-TP1MSD

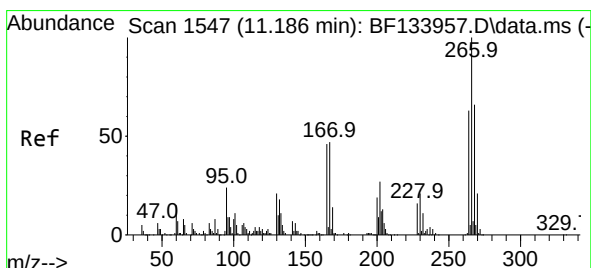
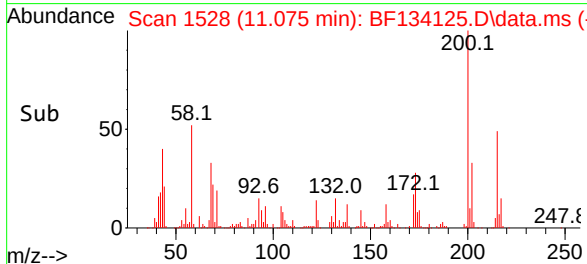
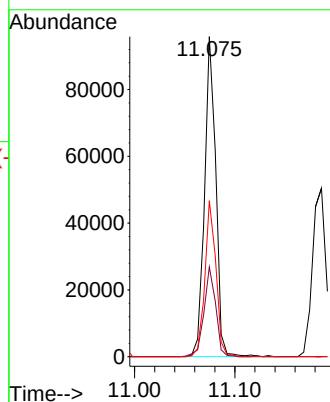
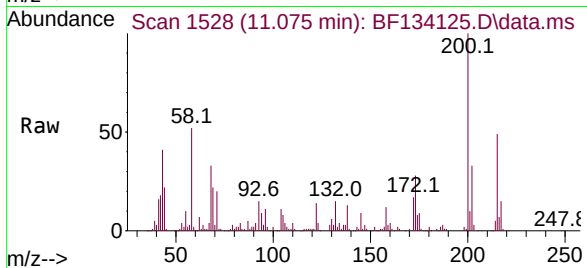
Tgt Ion:200 Resp: 74865

Ion Ratio Lower Upper

200 100

173 28.1 8.0 48.0

215 48.7 29.3 69.3



#70

Pentachlorophenol

Concen: 97.719 ng

RT: 11.186 min Scan# 1547

Delta R.T. -0.006 min

Lab File: BF134125.D

Acq: 07 Jul 2023 07:59

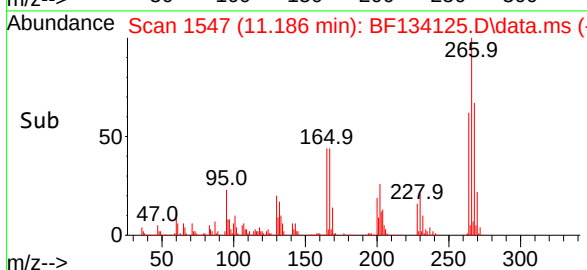
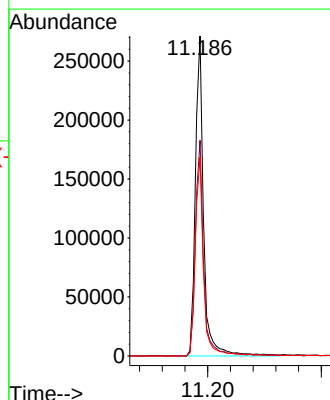
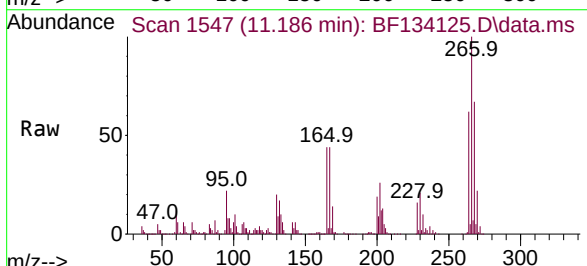
Tgt Ion:266 Resp: 275176

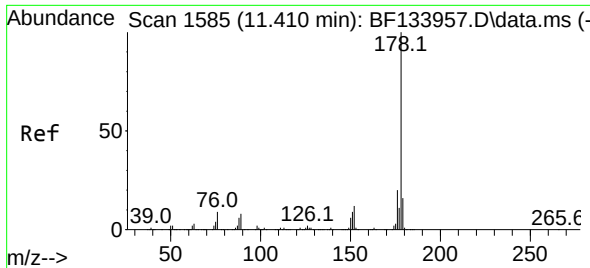
Ion Ratio Lower Upper

266 100

268 67.4 52.6 79.0

264 62.2 50.6 76.0

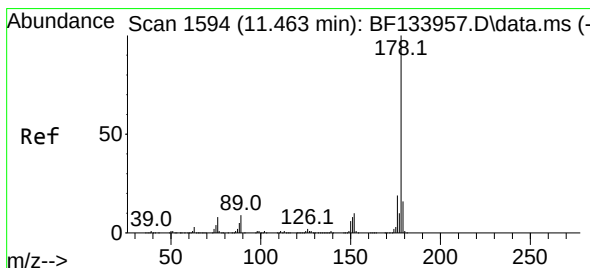
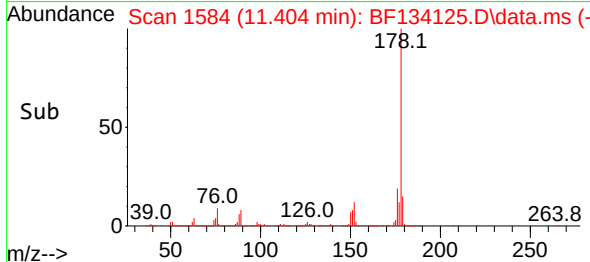
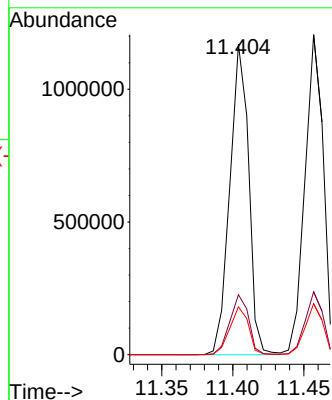
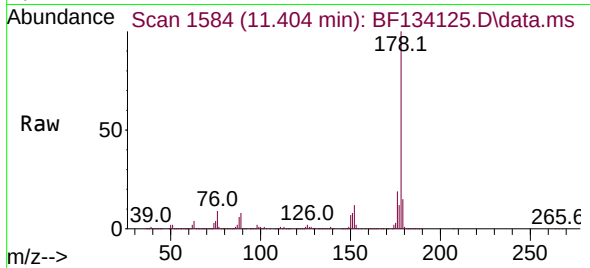




#71
Phenanthrene
Concen: 51.616 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF134125.D
Acq: 07 Jul 2023 07:59

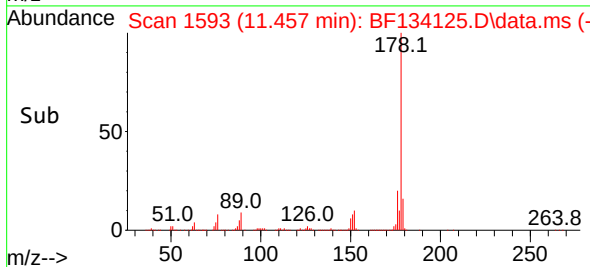
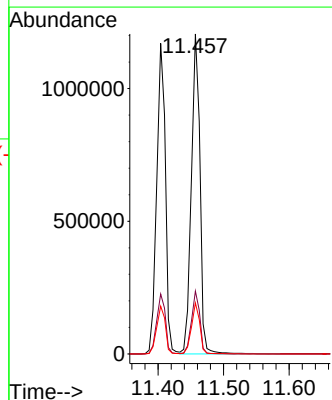
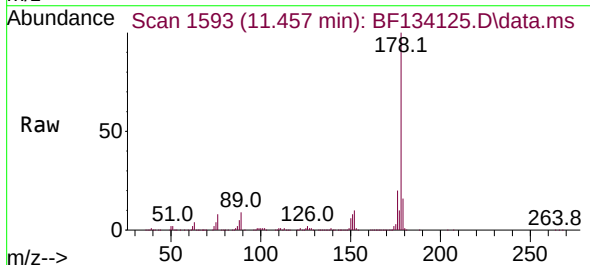
Instrument :
BNA_F
ClientSampleId :
TB-TP1MSD

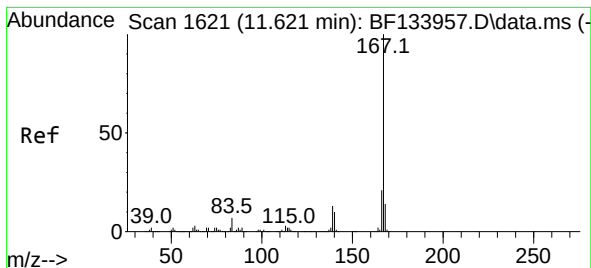
Tgt Ion:178 Resp: 1084399
Ion Ratio Lower Upper
178 100
176 19.3 16.0 24.0
179 15.4 12.4 18.6



#72
Anthracene
Concen: 50.417 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.006 min
Lab File: BF134125.D
Acq: 07 Jul 2023 07:59

Tgt Ion:178 Resp: 1101708
Ion Ratio Lower Upper
178 100
176 19.7 15.3 22.9
179 16.0 12.4 18.6





#73

Carbazole

Concen: 50.100 ng

RT: 11.616 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134125.D

Acq: 07 Jul 2023 07:59

Instrument :

BNA_F

ClientSampleId :

TB-TP1MSD

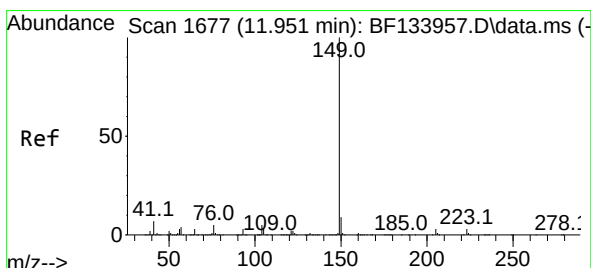
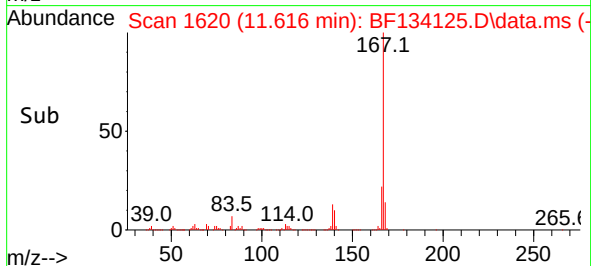
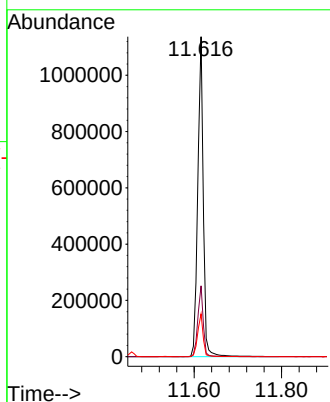
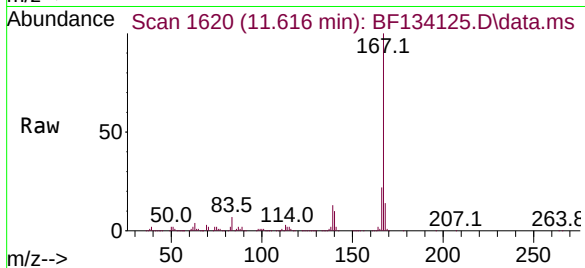
Tgt Ion:167 Resp: 1002064

Ion Ratio Lower Upper

167 100

166 22.2 17.0 25.6

139 13.4 10.4 15.6



#74

Di-n-butylphthalate

Concen: 50.727 ng

RT: 11.945 min Scan# 1676

Delta R.T. -0.006 min

Lab File: BF134125.D

Acq: 07 Jul 2023 07:59

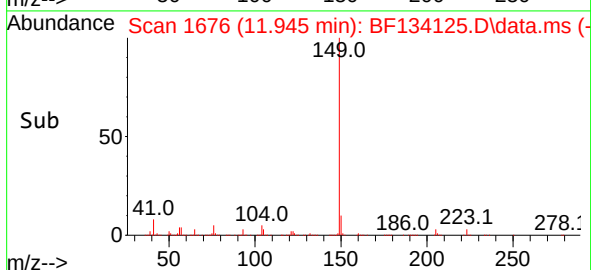
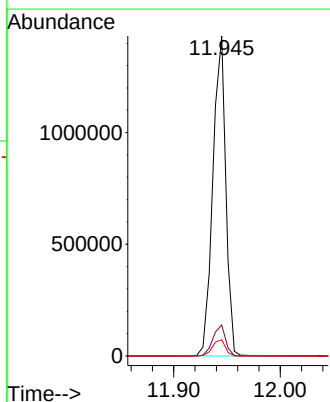
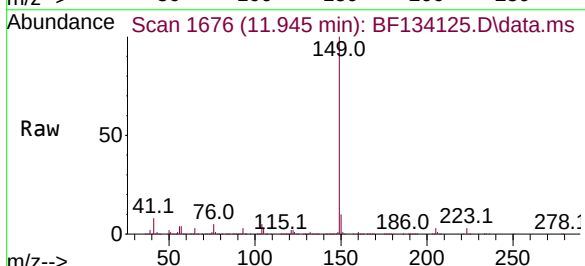
Tgt Ion:149 Resp: 1206545

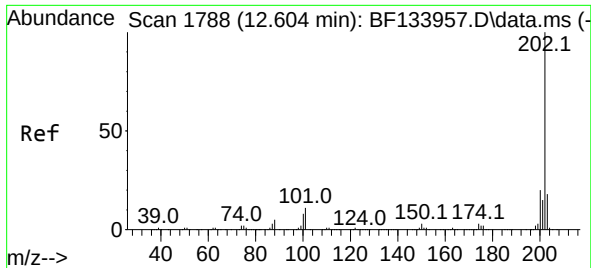
Ion Ratio Lower Upper

149 100

150 9.6 7.1 10.7

104 5.1 4.0 6.0

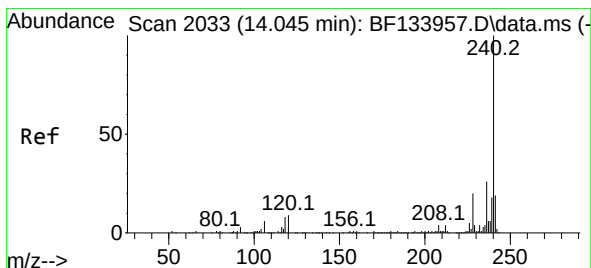
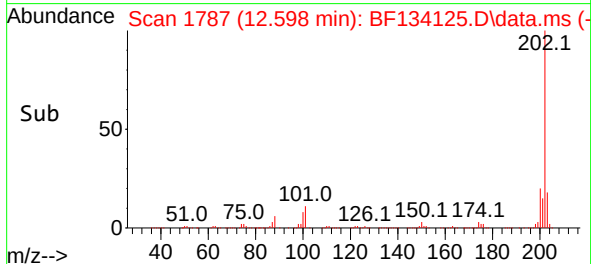
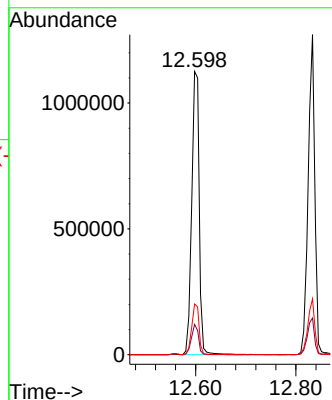
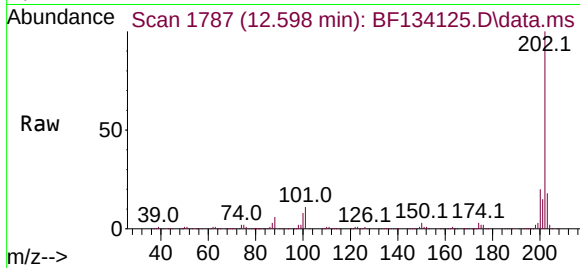




#75
Fluoranthene
Concen: 51.385 ng
RT: 12.598 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF134125.D
Acq: 07 Jul 2023 07:59

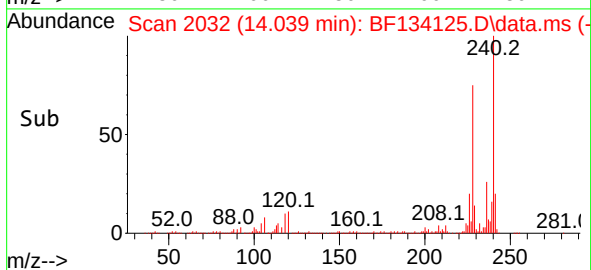
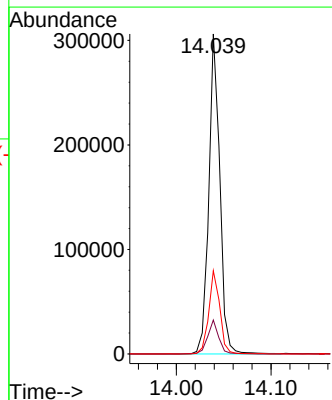
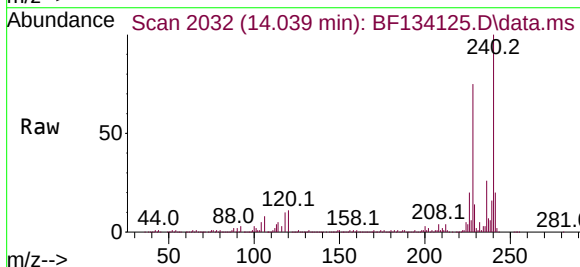
Instrument :
BNA_F
ClientSampleId :
TB-TP1MSD

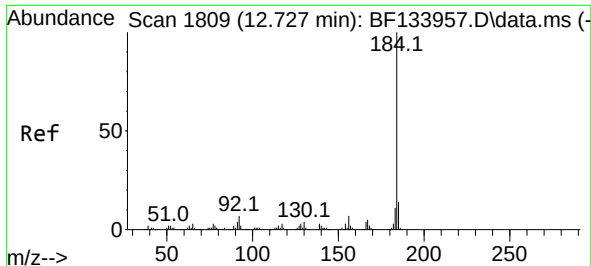
Tgt Ion:202 Resp: 1167100
Ion Ratio Lower Upper
202 100
101 10.7 0.0 31.0
203 17.9 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF134125.D
Acq: 07 Jul 2023 07:59

Tgt Ion:240 Resp: 246842
Ion Ratio Lower Upper
240 100
120 10.6 7.4 11.0
236 26.0 21.0 31.6

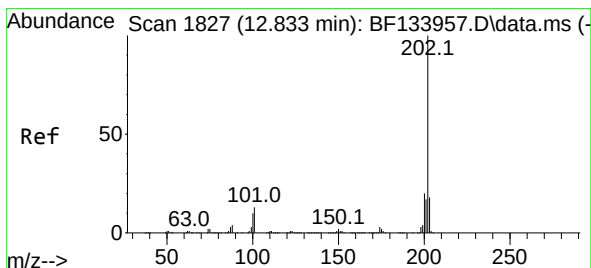
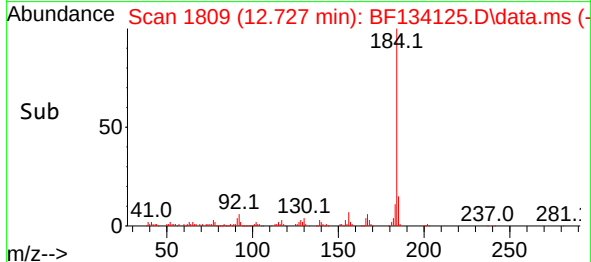
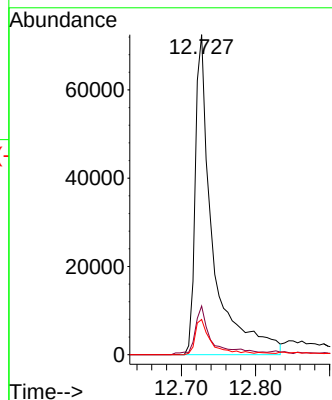
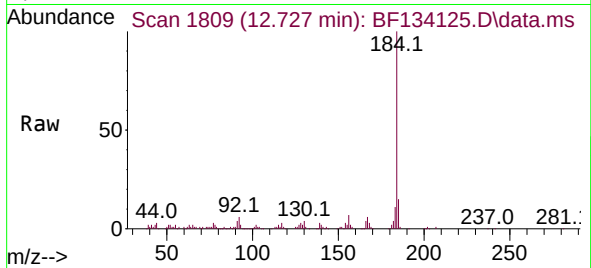




#77
Benzidine
Concen: 20.259 ng
RT: 12.727 min Scan# 1809
Delta R.T. -0.000 min
Lab File: BF134125.D
Acq: 07 Jul 2023 07:59

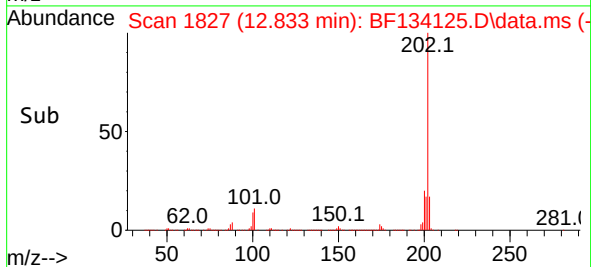
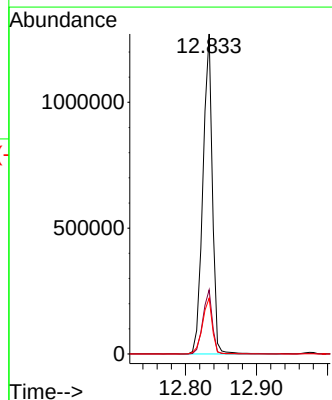
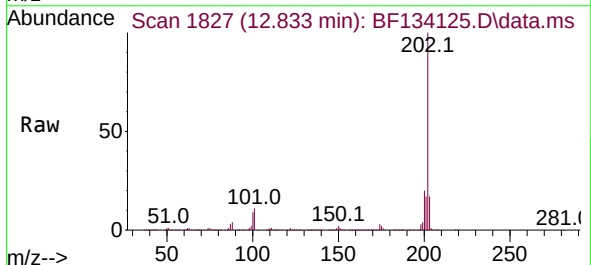
Instrument :
BNA_F
ClientSampleId :
TB-TP1MSD

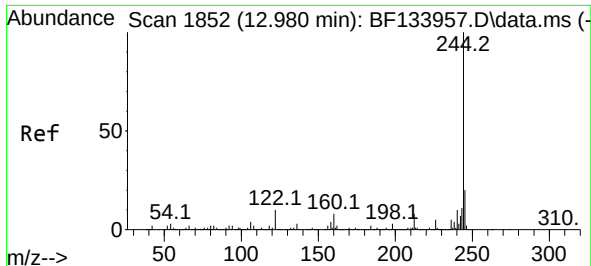
Tgt Ion:184 Resp: 118988
Ion Ratio Lower Upper
184 100
185 15.2 11.6 17.4
183 11.0 8.8 13.2



#78
Pyrene
Concen: 51.391 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF134125.D
Acq: 07 Jul 2023 07:59

Tgt Ion:202 Resp: 1180556
Ion Ratio Lower Upper
202 100
200 20.1 16.1 24.1
203 17.4 14.3 21.5

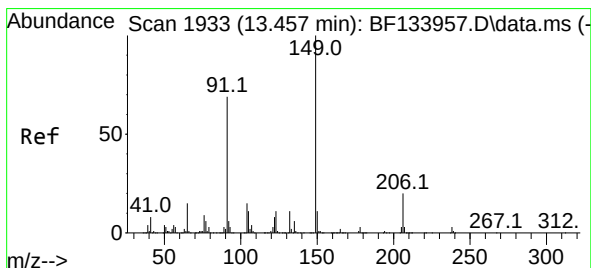
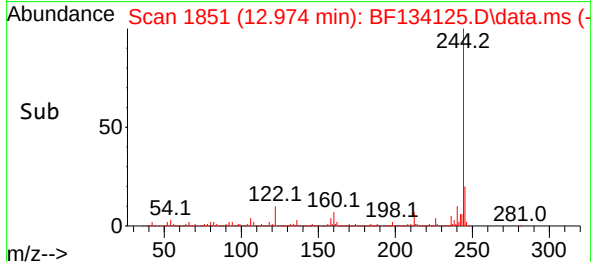
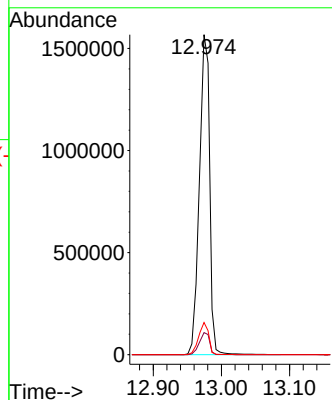
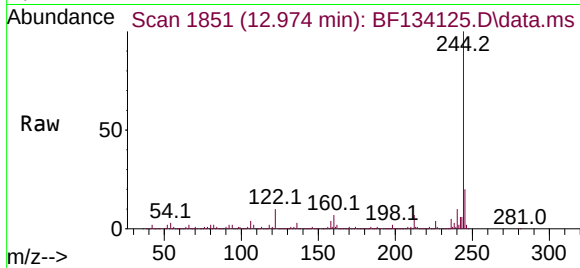




#79
 Terphenyl-d14
 Concen: 106.952 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF134125.D
 Acq: 07 Jul 2023 07:59

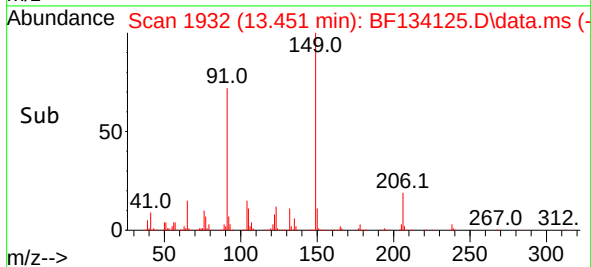
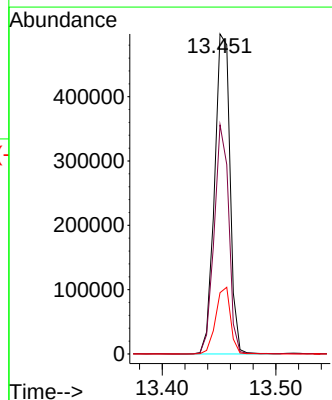
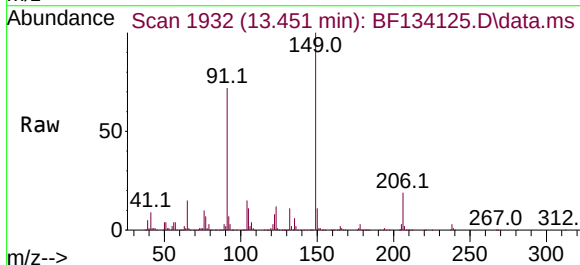
Instrument :
 BNA_F
 ClientSampleId :
 TB-TP1MSD

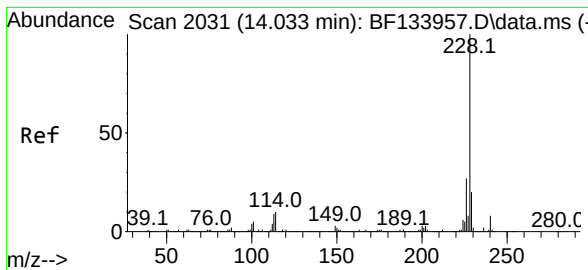
Tgt Ion:244 Resp: 1640356
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 10.1 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 54.588 ng
 RT: 13.451 min Scan# 1932
 Delta R.T. -0.006 min
 Lab File: BF134125.D
 Acq: 07 Jul 2023 07:59

Tgt Ion:149 Resp: 470307
 Ion Ratio Lower Upper
 149 100
 91 71.6 55.1 82.7
 206 19.2 15.7 23.5

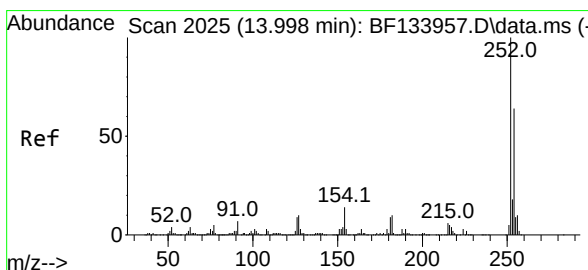
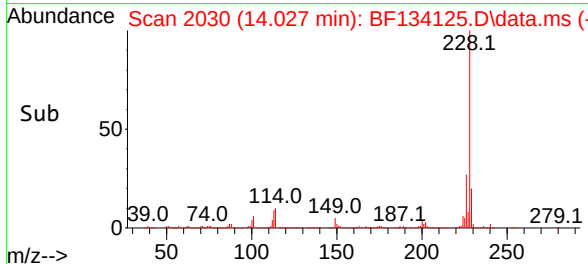
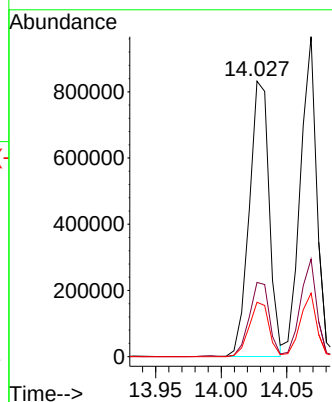
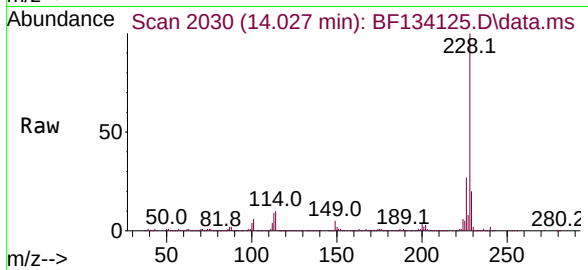




#81
Benzo(a)anthracene
Concen: 51.406 ng
RT: 14.027 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF134125.D
Acq: 07 Jul 2023 07:59

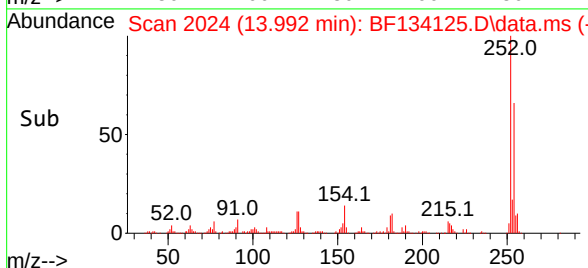
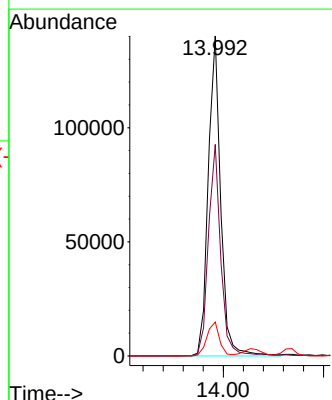
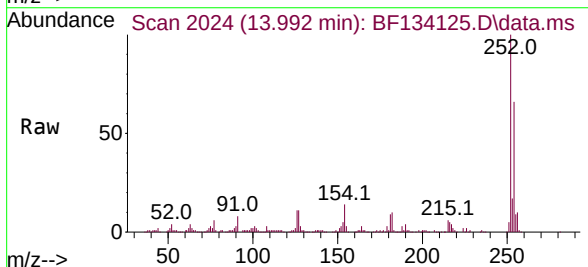
Instrument :
BNA_F
ClientSampleId :
TB-TP1MSD

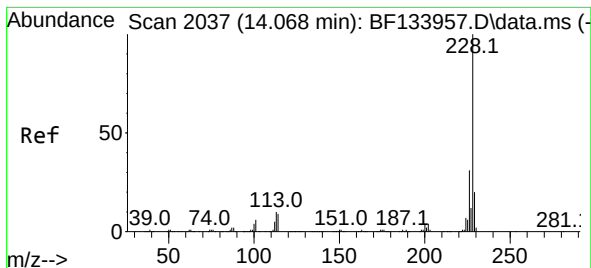
Tgt Ion:228 Resp: 880021
Ion Ratio Lower Upper
228 100
226 27.0 22.0 33.0
229 19.7 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 22.474 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF134125.D
Acq: 07 Jul 2023 07:59

Tgt Ion:252 Resp: 121892
Ion Ratio Lower Upper
252 100
254 66.1 51.4 77.0
126 10.6 7.4 11.2





#83

Chrysene

Concen: 51.245 ng

RT: 14.068 min Scan# 2037

Delta R.T. -0.006 min

Lab File: BF134125.D

Acq: 07 Jul 2023 07:59

Instrument :

BNA_F

ClientSampleId :

TB-TP1MSD

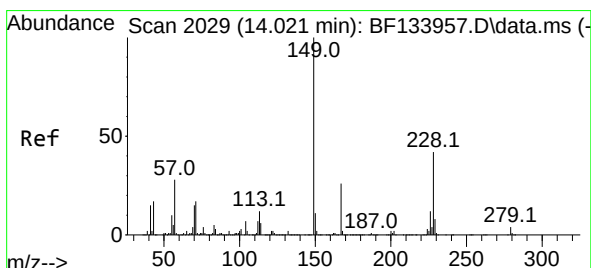
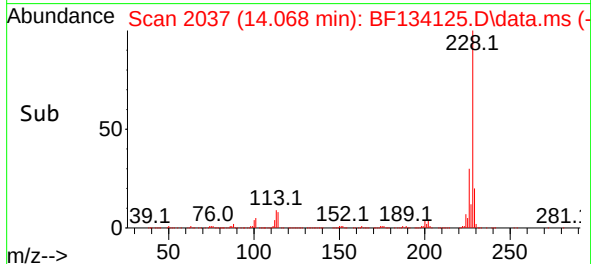
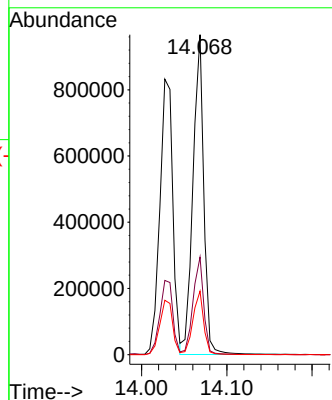
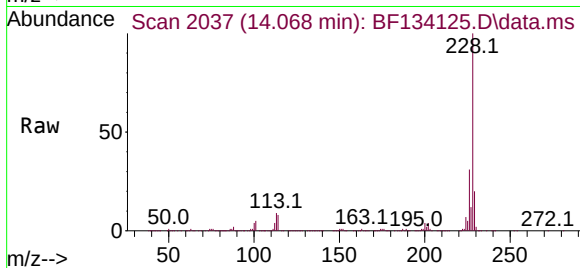
Tgt Ion:228 Resp: 849690

Ion Ratio Lower Upper

228 100

226 30.5 24.4 36.6

229 19.8 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.065 ng

RT: 14.016 min Scan# 2028

Delta R.T. -0.006 min

Lab File: BF134125.D

Acq: 07 Jul 2023 07:59

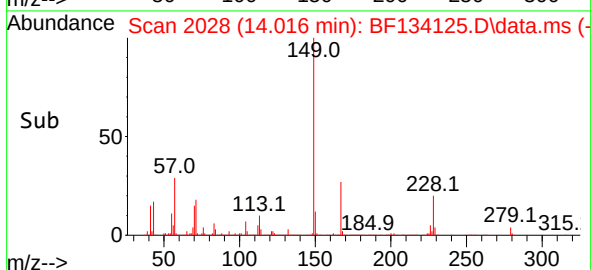
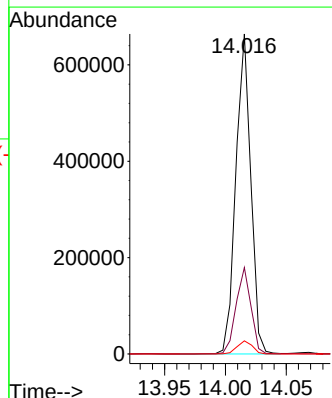
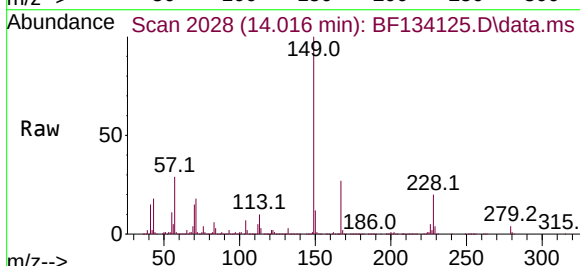
Tgt Ion:149 Resp: 564932

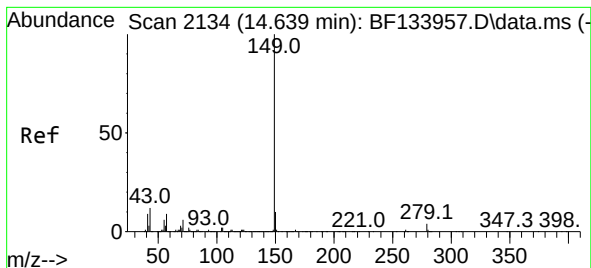
Ion Ratio Lower Upper

149 100

167 27.0 21.0 31.4

279 4.1 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 62.071 ng

RT: 14.633 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF134125.D

Acq: 07 Jul 2023 07:59

Instrument :

BNA_F

ClientSampleId :

TB-TP1MSD

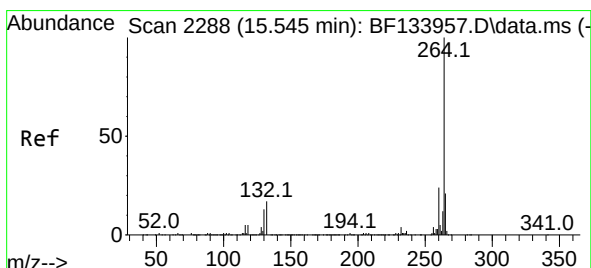
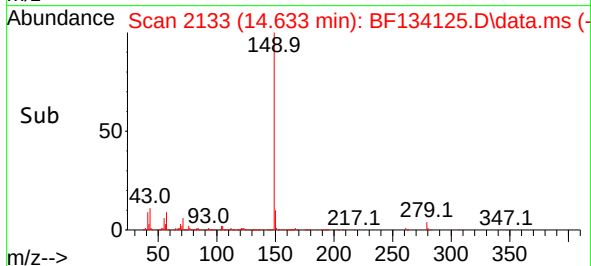
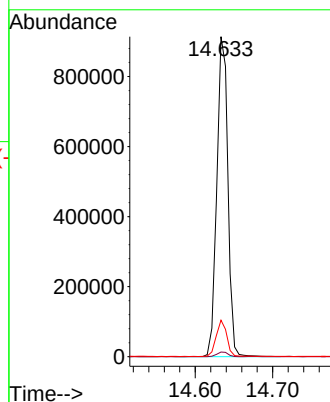
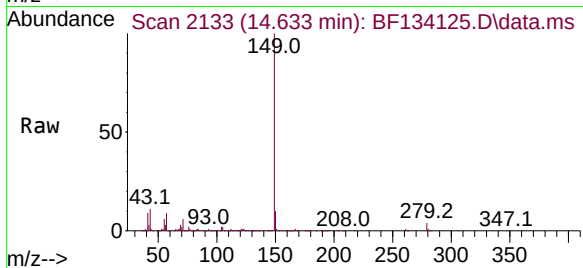
Tgt Ion:149 Resp: 902912

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 10.8 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2287

Delta R.T. -0.012 min

Lab File: BF134125.D

Acq: 07 Jul 2023 07:59

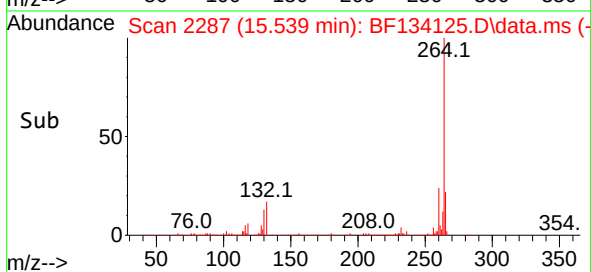
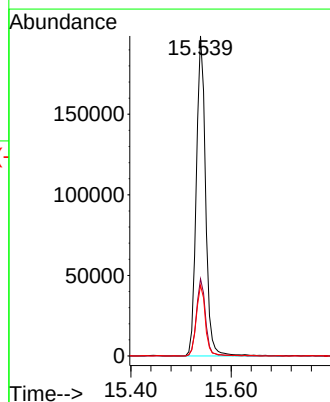
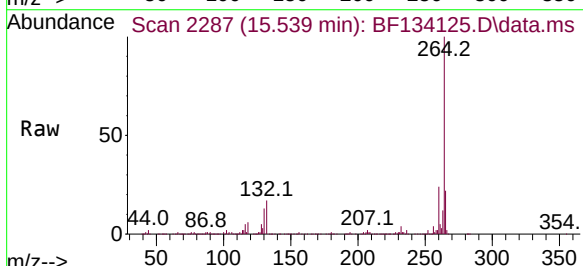
Tgt Ion:264 Resp: 254672

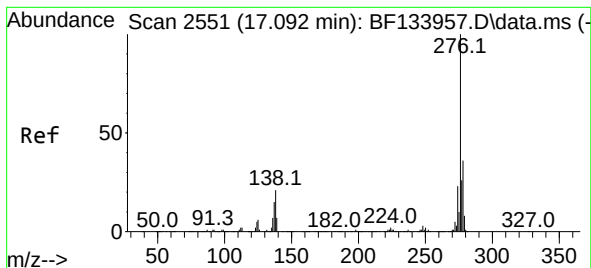
Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 22.1 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 55.926 ng

RT: 17.092 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF134125.D

Acq: 07 Jul 2023 07:59

Instrument :

BNA_F

ClientSampleId :

TB-TP1MSD

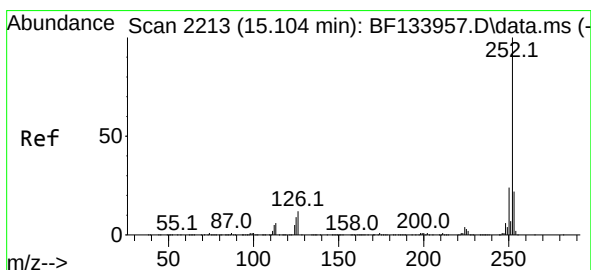
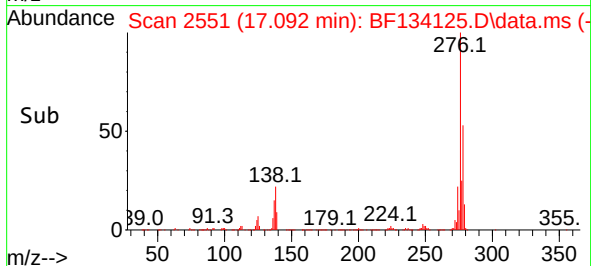
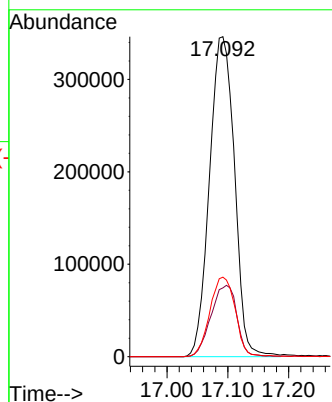
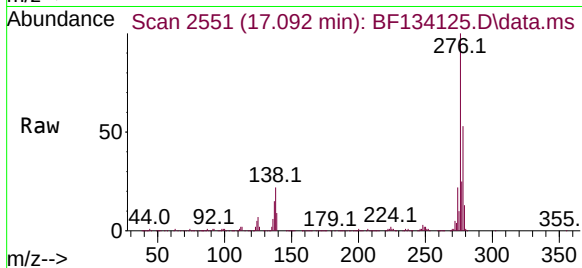
Tgt Ion:276 Resp: 988300

Ion Ratio Lower Upper

276 100

138 23.2 18.7 28.1

277 25.2 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 58.859 ng

RT: 15.098 min Scan# 2212

Delta R.T. -0.012 min

Lab File: BF134125.D

Acq: 07 Jul 2023 07:59

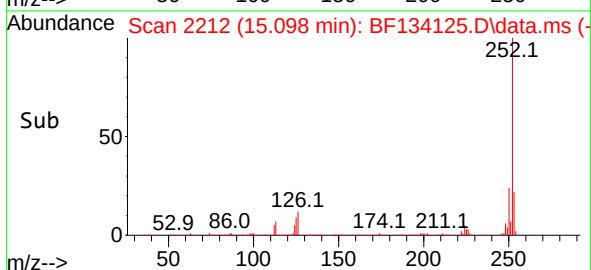
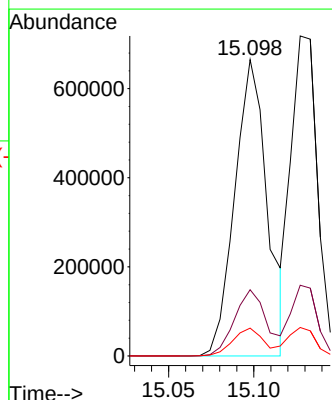
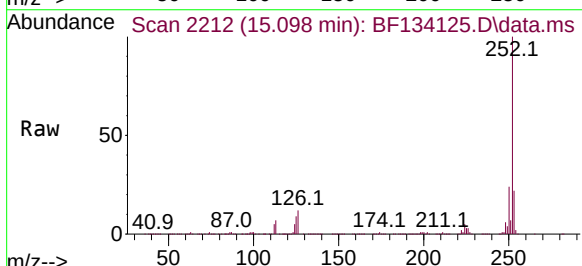
Tgt Ion:252 Resp: 881414

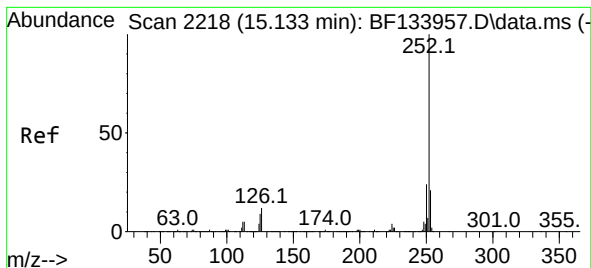
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 9.4 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 52.249 ng

RT: 15.127 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF134125.D

Acq: 07 Jul 2023 07:59

Instrument :

BNA_F

ClientSampleId :

TB-TP1MSD

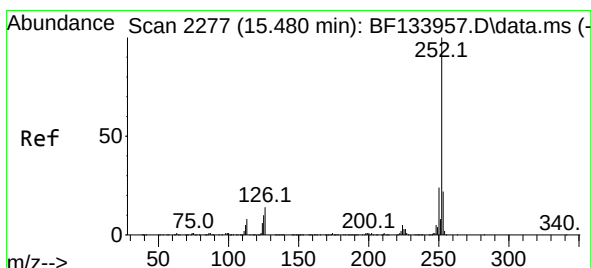
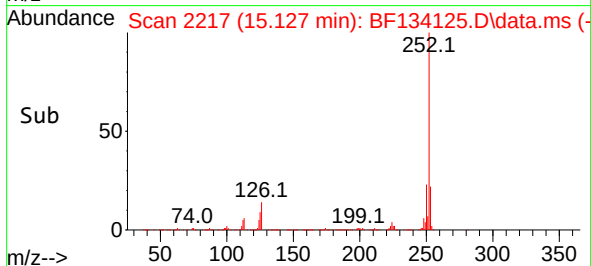
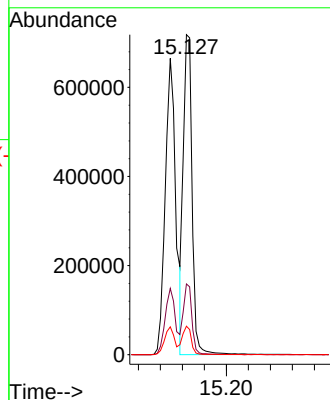
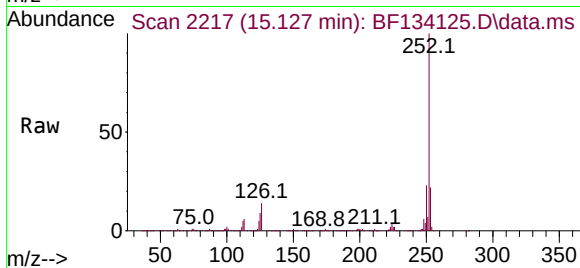
Tgt Ion:252 Resp: 796628

Ion Ratio Lower Upper

252 100

253 22.1 16.9 25.3

125 8.9 7.4 11.2



#90

Benzo(a)pyrene

Concen: 50.546 ng

RT: 15.480 min Scan# 2277

Delta R.T. -0.012 min

Lab File: BF134125.D

Acq: 07 Jul 2023 07:59

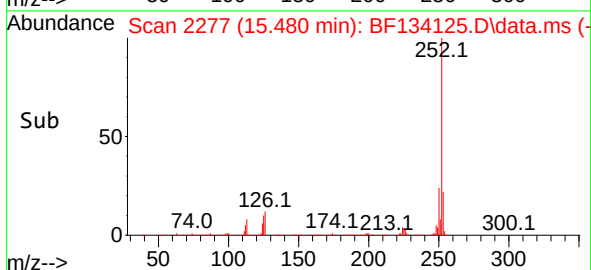
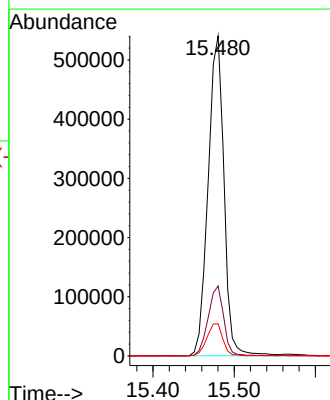
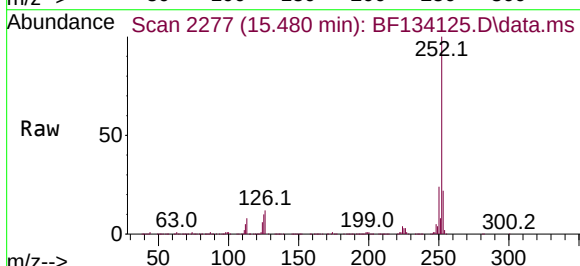
Tgt Ion:252 Resp: 731934

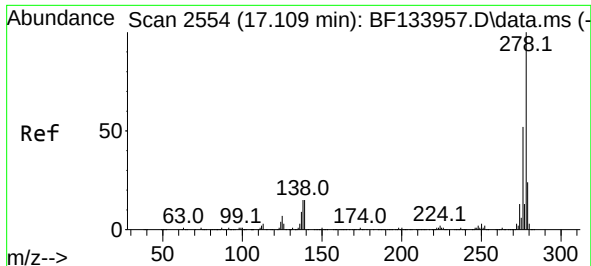
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 10.1 8.4 12.6

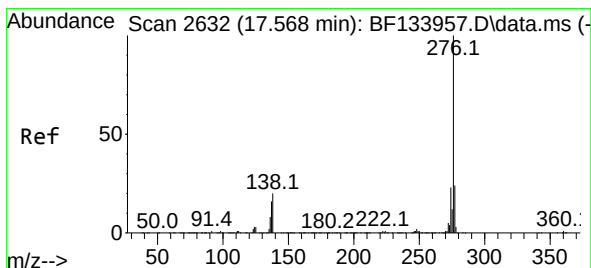
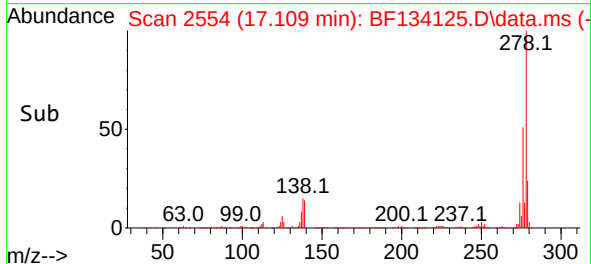
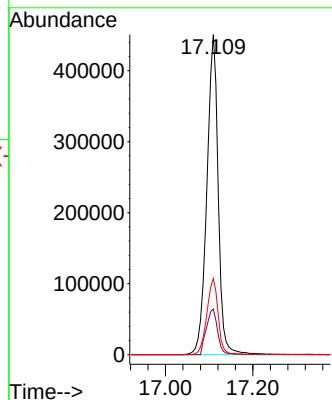
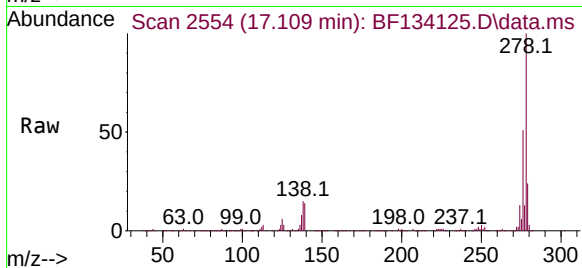




#91
Dibenzo(a,h)anthracene
Concen: 56.611 ng
RT: 17.109 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF134125.D
Acq: 07 Jul 2023 07:59

Instrument :
BNA_F
ClientSampleId :
TB-TP1MSD

Tgt Ion:278 Resp: 817127
Ion Ratio Lower Upper
278 100
139 14.3 12.2 18.4
279 23.7 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 52.736 ng
RT: 17.562 min Scan# 2631
Delta R.T. -0.018 min
Lab File: BF134125.D
Acq: 07 Jul 2023 07:59

Tgt Ion:276 Resp: 784975
Ion Ratio Lower Upper
276 100
277 24.1 19.0 28.6
138 18.1 16.2 24.2

