

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
 Data File : BF141027.D
 Acq On : 30 Dec 2024 12:56
 Operator : RC/JU
 Sample : PB165872BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165872BS

Quant Time: Dec 30 13:20:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	264760	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	1070876	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	573870	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	955460	20.000	ng	0.00
76) Chrysene-d12	13.992	240	652372	20.000	ng	0.00
86) Perylene-d12	15.451	264	637255	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	2619169	149.119	ng	0.02
7) Phenol-d6	6.457	99	3335566	147.418	ng	0.00
23) Nitrobenzene-d5	7.393	82	2102264	125.597	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	1019681	182.859	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	3620235	100.509	ng	0.00
79) Terphenyl-d14	12.939	244	4142261	105.466	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	334976	42.125	ng	99
3) Pyridine	3.405	79	911509	46.905	ng	99
4) n-Nitrosodimethylamine	3.352	42	495229	50.296	ng	100
6) Aniline	6.493	93	954996	47.325	ng	99
8) 2-Chlorophenol	6.610	128	990786	53.503	ng	98
9) Benzaldehyde	6.375	77	187111	10.894	ng	98
10) Phenol	6.469	94	1227913	52.483	ng	95
11) bis(2-Chloroethyl)ether	6.563	93	946959	50.127	ng	99
12) 1,3-Dichlorobenzene	6.769	146	1011150	49.477	ng	100
13) 1,4-Dichlorobenzene	6.845	146	1018806	49.451	ng	99
14) 1,2-Dichlorobenzene	6.998	146	980957	51.068	ng	99
15) Benzyl Alcohol	6.969	79	855479	52.614	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1475540	51.648	ng	99
17) 2-Methylphenol	7.081	107	800154	52.011	ng	99
18) Hexachloroethane	7.340	117	373956	51.097	ng	97
19) n-Nitroso-di-n-propyla...	7.245	70	695164	50.150	ng	99
20) 3+4-Methylphenols	7.234	107	970787	49.864	ng	# 84
22) Acetophenone	7.240	105	1292966	49.218	ng	98
24) Nitrobenzene	7.410	77	1011199	54.066	ng	97
25) Isophorone	7.651	82	1873057	51.425	ng	100
26) 2-Nitrophenol	7.728	139	478543	60.840	ng	99
27) 2,4-Dimethylphenol	7.763	122	799451	60.057	ng	100
28) bis(2-Chloroethoxy)met...	7.863	93	1145517	49.638	ng	100
29) 2,4-Dichlorophenol	7.963	162	796105	52.732	ng	100
30) 1,2,4-Trichlorobenzene	8.051	180	824067	48.225	ng	99
31) Naphthalene	8.134	128	2772797	49.138	ng	100
32) Benzoic acid	7.881	122	624000	55.526	ng	97
33) 4-Chloroaniline	8.175	127	431767	21.150	ng	99
34) Hexachlorobutadiene	8.251	225	488993	48.541	ng	99
35) Caprolactam	8.545	113	269309m	52.472	ng	
36) 4-Chloro-3-methylphenol	8.657	107	855524	51.026	ng	98
37) 2-Methylnaphthalene	8.822	142	1802906	49.943	ng	99
38) 1-Methylnaphthalene	8.922	142	1687196	47.556	ng	100
40) 1,2,4,5-Tetrachloroben...	8.987	216	804474	50.955	ng	99
41) Hexachlorocyclopentadiene	8.975	237	977649	186.862	ng	100
43) 2,4,6-Trichlorophenol	9.098	196	592699	56.406	ng	100

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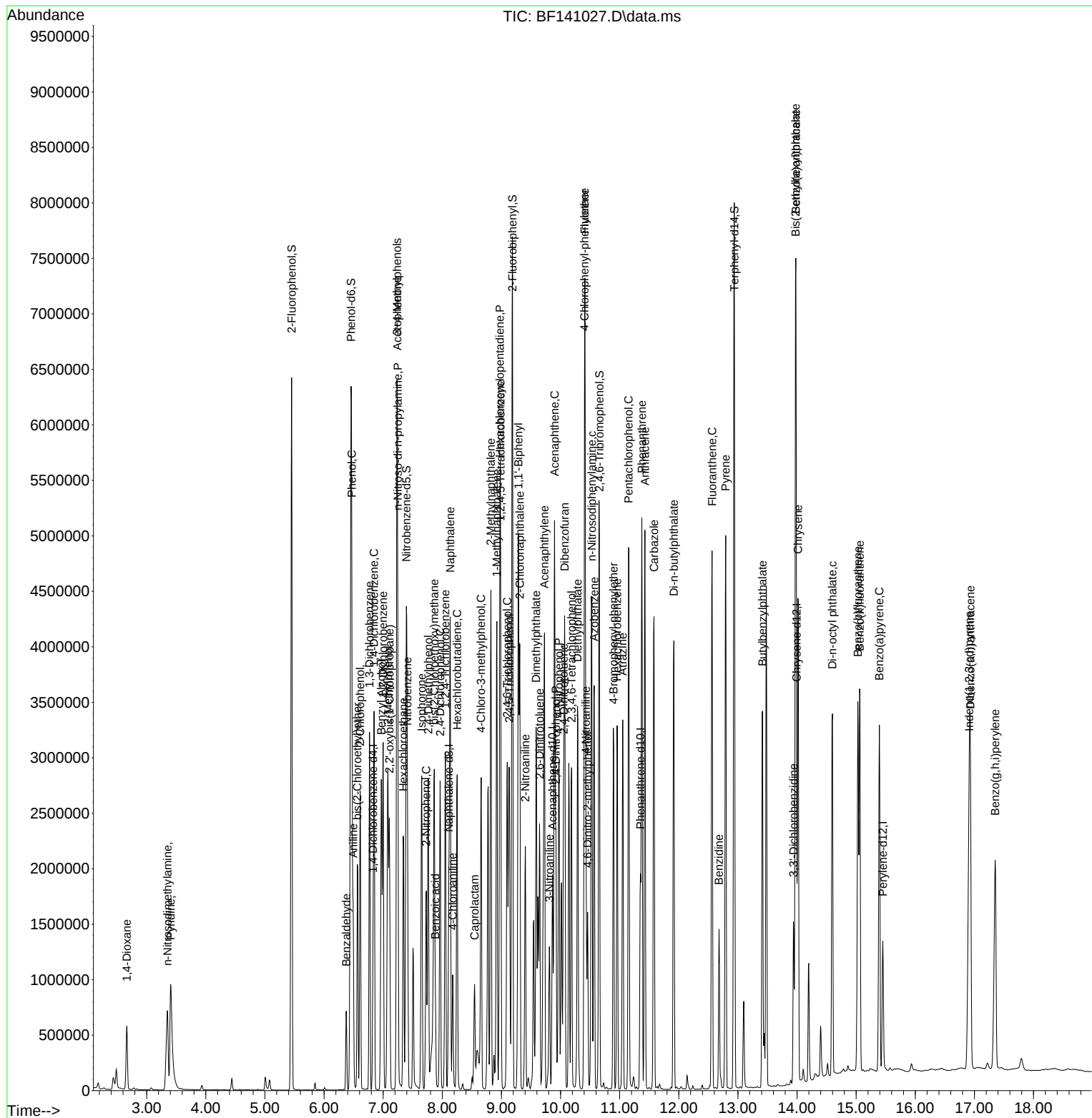
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.134	196	565632	52.610	ng	99
46) 1,1'-Biphenyl	9.287	154	2161510	49.191	ng	99
47) 2-Chloronaphthalene	9.310	162	1666819	48.910	ng	99
48) 2-Nitroaniline	9.404	65	532377	58.581	ng	94
49) Acenaphthylene	9.728	152	2586955	52.732	ng	100
50) Dimethylphthalate	9.586	163	1954863	51.788	ng	100
51) 2,6-Dinitrotoluene	9.645	165	438768	56.313	ng	98
52) Acenaphthene	9.898	154	1866706	56.284	ng	100
53) 3-Nitroaniline	9.810	138	279721	34.405	ng	# 94
54) 2,4-Dinitrophenol	9.922	184	426419	115.396	ng	# 1
55) Dibenzofuran	10.069	168	2353874	50.502	ng	100
56) 4-Nitrophenol	9.975	139	802883	124.344	ng	92
57) 2,4-Dinitrotoluene	10.051	165	594336	61.678	ng	97
58) Fluorene	10.410	166	1786650	49.432	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	511436	57.437	ng	98
60) Diethylphthalate	10.286	149	1917294	51.450	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	867137	49.860	ng	98
62) 4-Nitroaniline	10.428	138	473518	56.017	ng	95
63) Azobenzene	10.569	77	1966964	50.287	ng	98
65) 4,6-Dinitro-2-methylph...	10.457	198	296429	72.010	ng	95
66) n-Nitrosodiphenylamine	10.528	169	1649594	54.827	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	572691	55.447	ng	96
68) Hexachlorobenzene	10.957	284	624311	54.817	ng	98
69) Atrazine	11.051	200	571831	68.031	ng	99
70) Pentachlorophenol	11.151	266	804164	113.408	ng	99
71) Phenanthrene	11.375	178	2678025	53.255	ng	99
72) Anthracene	11.428	178	2746425	55.737	ng	100
73) Carbazole	11.580	167	2456104	51.851	ng	99
74) Di-n-butylphthalate	11.916	149	2893152	53.699	ng	99
75) Fluoranthene	12.563	202	2830931	51.906	ng	99
77) Benzidine	12.680	184	746469	54.142	ng	99
78) Pyrene	12.792	202	2846136	49.884	ng	100
80) Butylbenzylphthalate	13.416	149	1117078	53.619	ng	99
81) Benzo(a)anthracene	13.980	228	2232992	49.113	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	437532	32.030	ng	100
83) Chrysene	14.016	228	2082787	50.816	ng	99
84) Bis(2-ethylhexyl)phtha...	13.974	149	1342679	49.684	ng	100
85) Di-n-octyl phthalate	14.598	149	2191158	56.020	ng	98
87) Indeno(1,2,3-cd)pyrene	16.910	276	2332092	58.087	ng	99
88) Benzo(b)fluoranthene	15.027	252	2194932	49.386	ng	100
89) Benzo(k)fluoranthene	15.063	252	1847717	53.043	ng	99
90) Benzo(a)pyrene	15.392	252	1934902	56.089	ng	99
91) Dibenzo(a,h)anthracene	16.933	278	1876953	57.673	ng	99
92) Benzo(g,h,i)perylene	17.351	276	1771546	52.483	ng	99

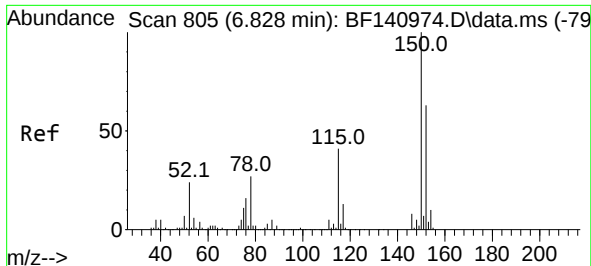
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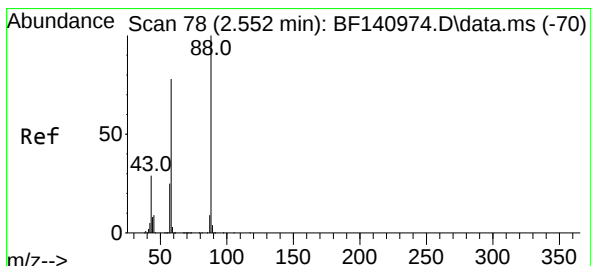
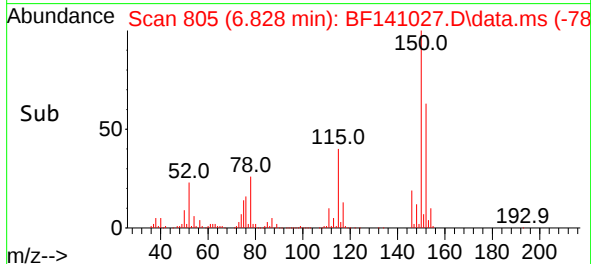
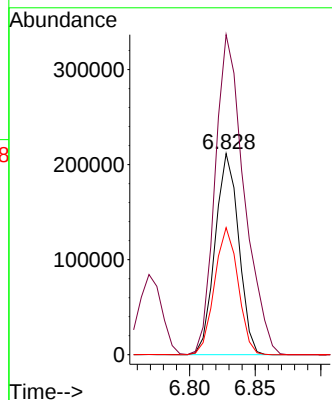
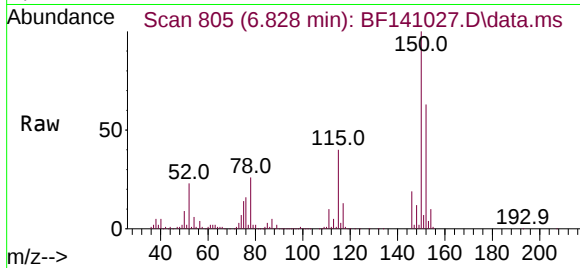




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF141027.D
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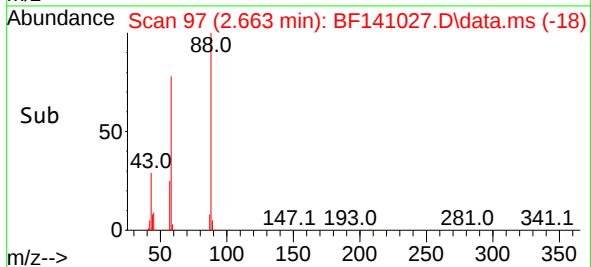
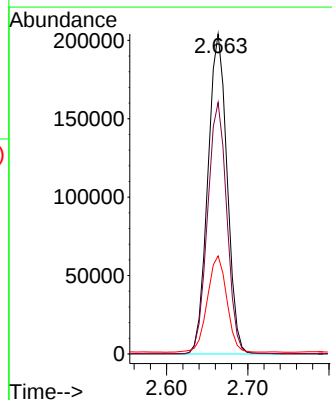
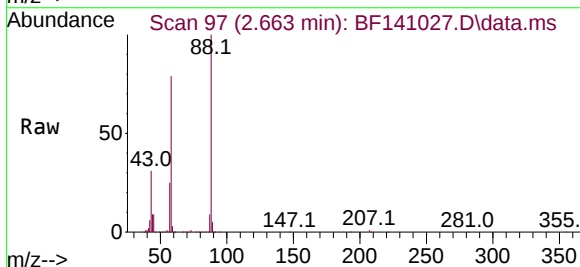
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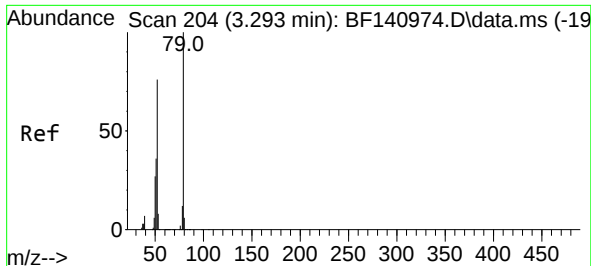
Tgt Ion:152 Resp: 264760
 Ion Ratio Lower Upper
 152 100
 150 159.1 127.0 190.6
 115 63.2 51.7 77.5



#2
 1,4-Dioxane
 Concen: 42.125 ng
 RT: 2.663 min Scan# 97
 Delta R.T. 0.112 min
 Lab File: BF141027.D
 Acq: 30 Dec 2024 12:56

Tgt Ion: 88 Resp: 334976
 Ion Ratio Lower Upper
 88 100
 58 78.4 63.0 94.4
 43 30.3 23.4 35.2

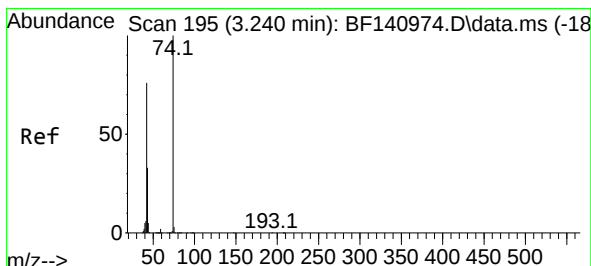
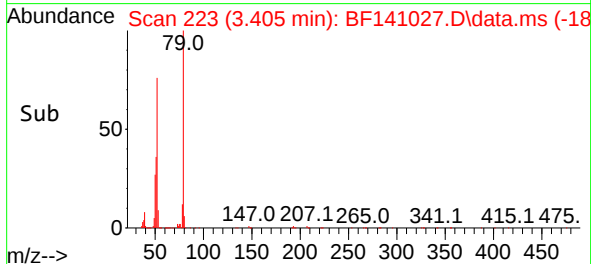
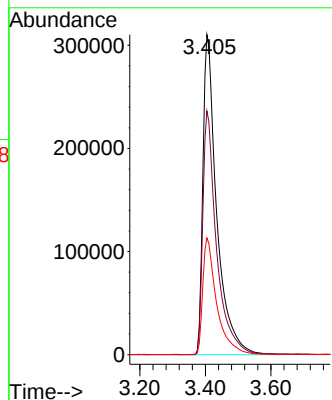
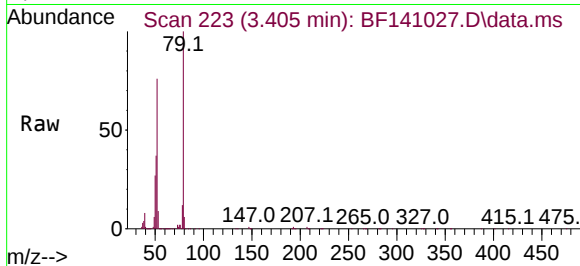




#3
Pyridine
Concen: 46.905 ng
RT: 3.405 min Scan# 21
Delta R.T. 0.112 min
Lab File: BF141027.D
Acq: 30 Dec 2024 12:56

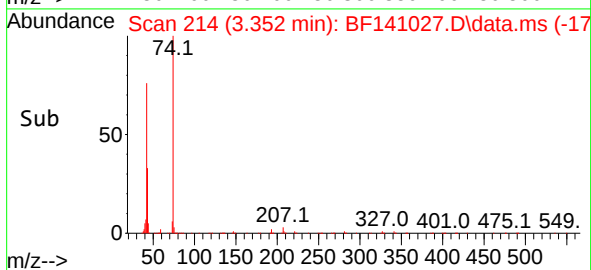
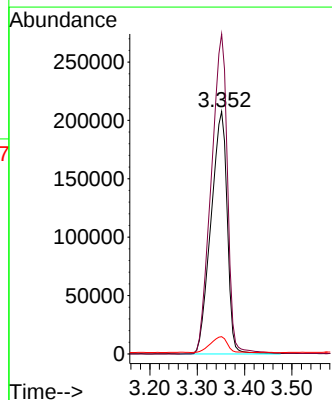
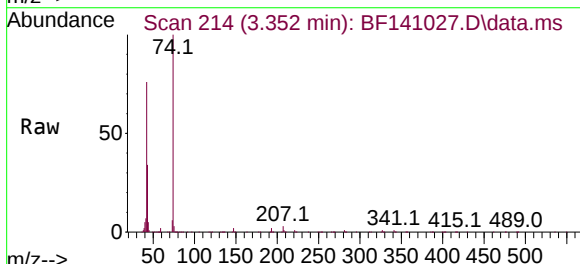
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Tgt Ion: 79 Resp: 911509
Ion Ratio Lower Upper
79 100
52 76.1 60.4 90.6
51 36.5 28.8 43.2



#4
n-Nitrosodimethylamine
Concen: 50.296 ng
RT: 3.352 min Scan# 214
Delta R.T. 0.112 min
Lab File: BF141027.D
Acq: 30 Dec 2024 12:56

Tgt Ion: 42 Resp: 495229
Ion Ratio Lower Upper
42 100
74 132.0 105.8 158.6
44 7.2 6.6 10.0

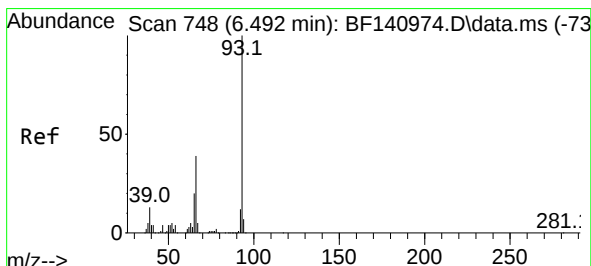
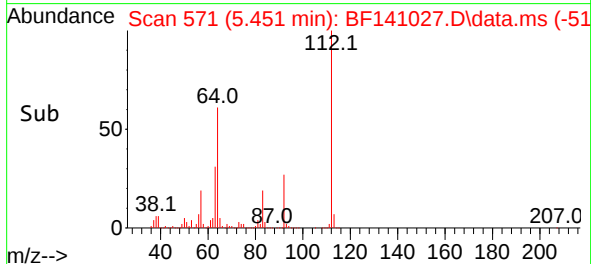
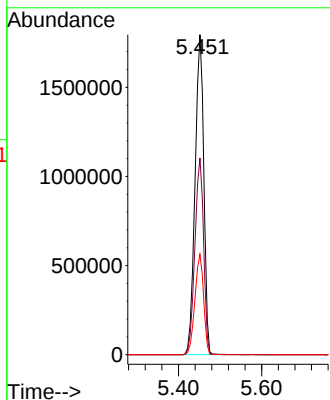
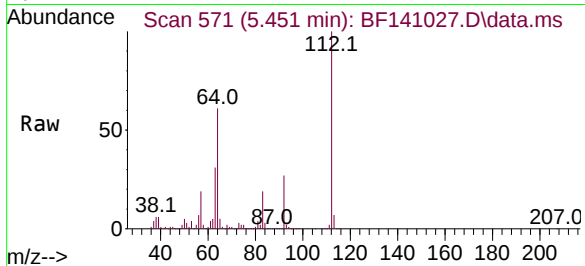




#5
2-Fluorophenol
Concen: 149.119 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF141027.D
Acq: 30 Dec 2024 12:56

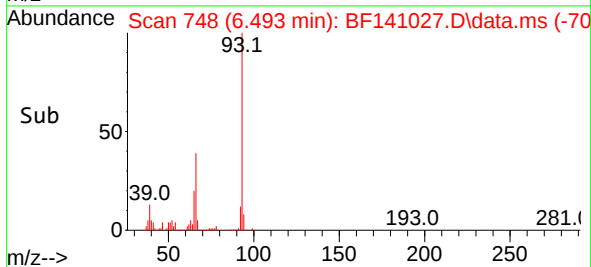
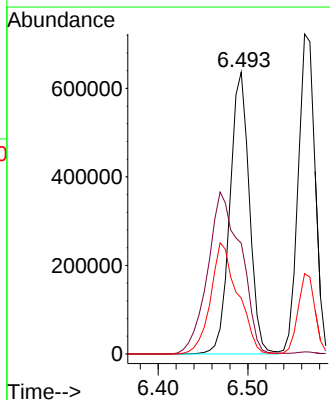
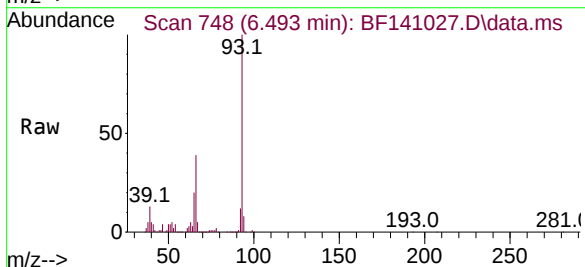
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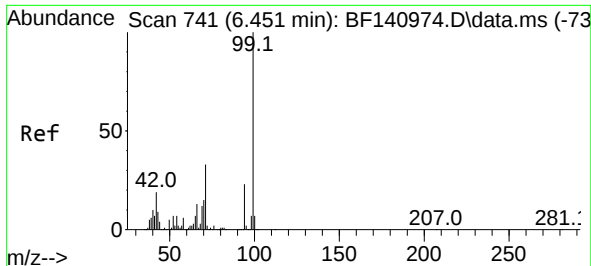
Tgt Ion:112 Resp: 2619169
Ion Ratio Lower Upper
112 100
64 61.4 47.7 71.5
63 31.4 24.2 36.2



#6
Aniline
Concen: 47.325 ng
RT: 6.493 min Scan# 748
Delta R.T. -0.018 min
Lab File: BF141027.D
Acq: 30 Dec 2024 12:56

Tgt Ion: 93 Resp: 954996
Ion Ratio Lower Upper
93 100
66 39.3 31.8 47.8
65 19.8 15.4 23.0

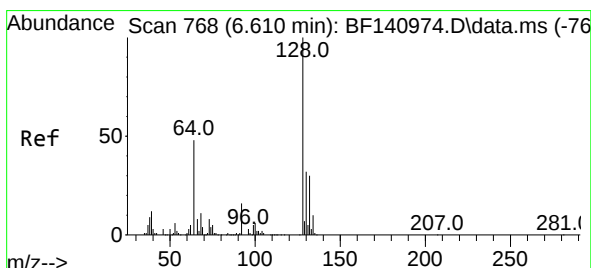
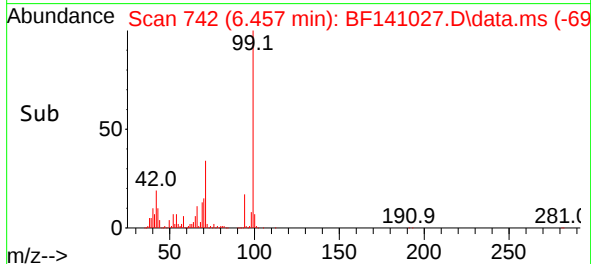
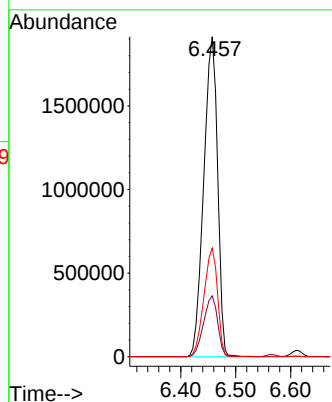
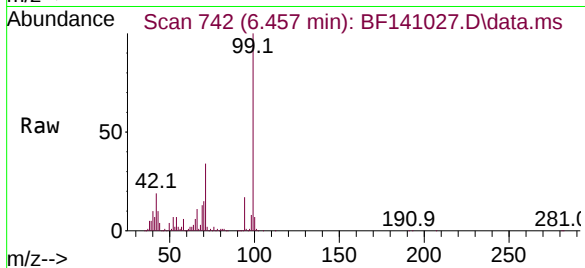




#7
Phenol-d6
Concen: 147.418 ng
RT: 6.457 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF141027.D
Acq: 30 Dec 2024 12:56

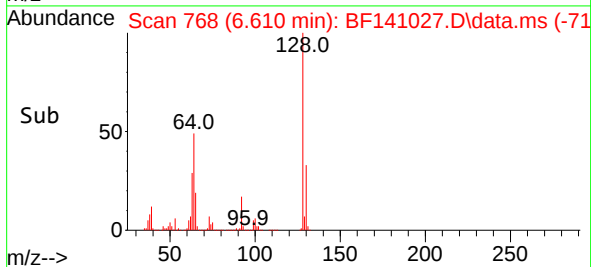
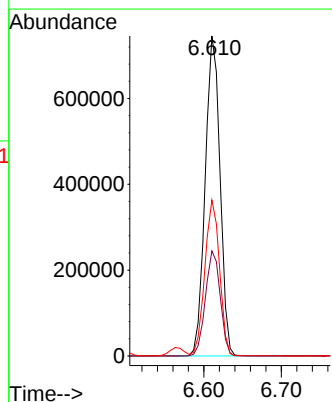
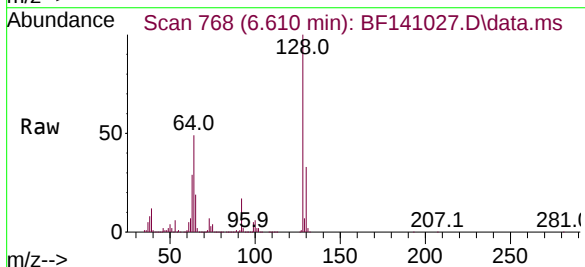
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Tgt Ion: 99 Resp: 3335566
Ion Ratio Lower Upper
99 100
42 19.0 15.0 22.4
71 34.0 26.2 39.2



#8
2-Chlorophenol
Concen: 53.503 ng
RT: 6.610 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF141027.D
Acq: 30 Dec 2024 12:56

Tgt Ion: 128 Resp: 990786
Ion Ratio Lower Upper
128 100
130 32.8 12.2 52.2
64 48.7 30.3 70.3

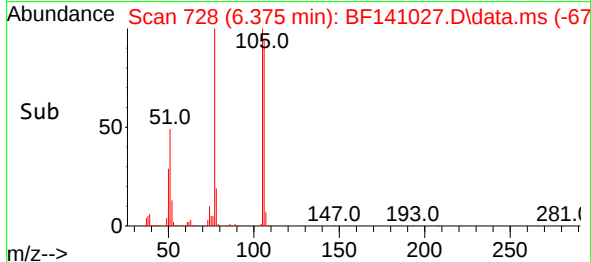
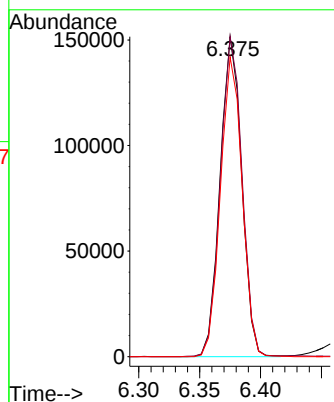
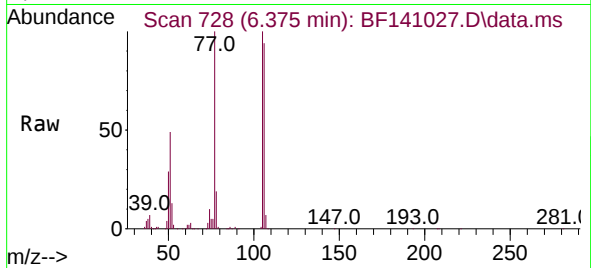




#9
Benzaldehyde
Concen: 10.894 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141027.D
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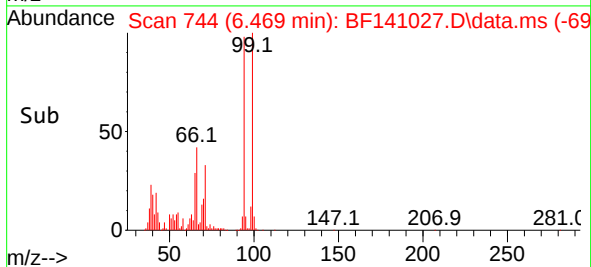
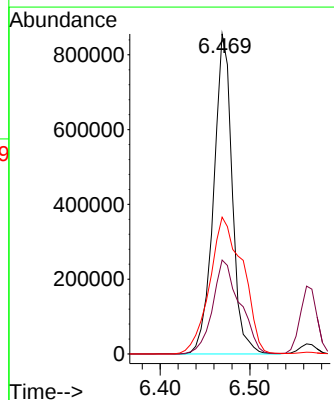
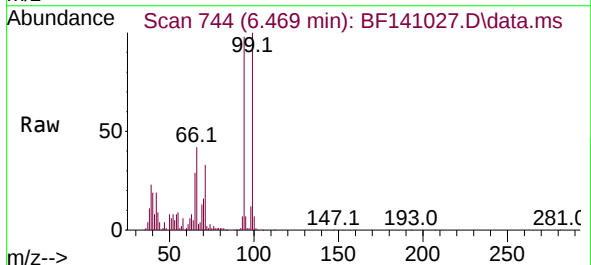
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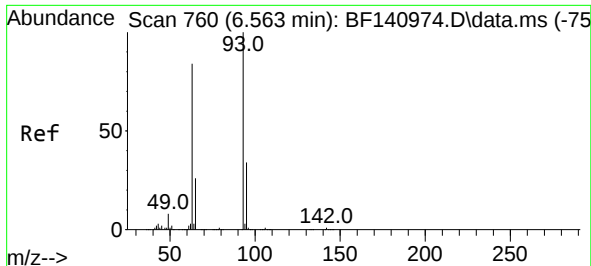
Tgt Ion: 77 Resp: 187111
Ion Ratio Lower Upper
77 100
105 100.0 76.2 116.2
106 93.6 73.4 113.4



#10
Phenol
Concen: 52.483 ng
RT: 6.469 min Scan# 744
Delta R.T. 0.006 min
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Tgt Ion: 94 Resp: 1227913
Ion Ratio Lower Upper
94 100
65 29.4 8.1 48.1
66 42.7 18.7 58.7

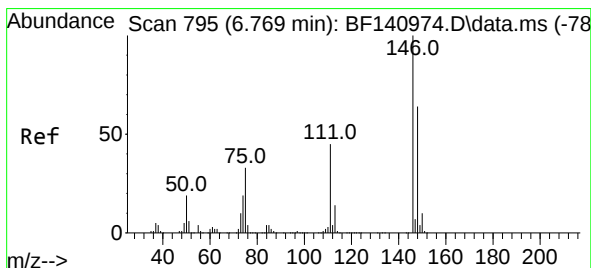
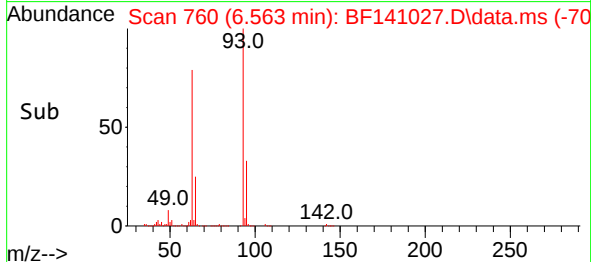
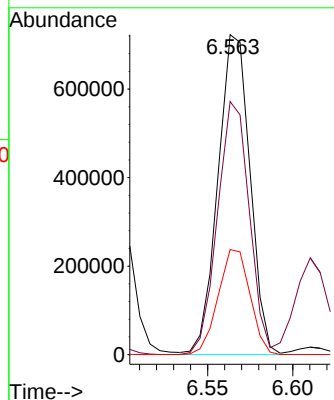
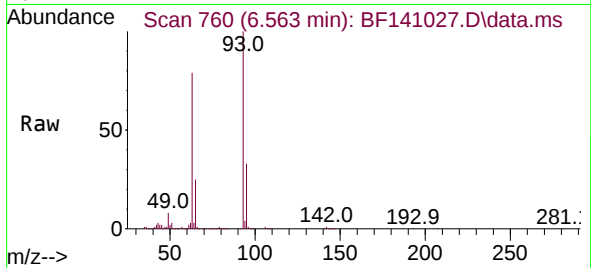




#11
bis(2-Chloroethyl)ether
Concen: 50.127 ng
RT: 6.563 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF141027.D
Acq: 30 Dec 2024 12:56

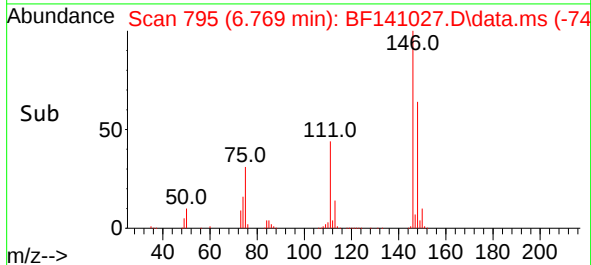
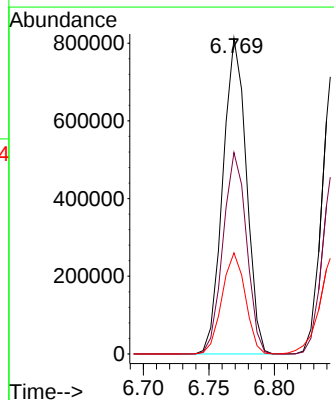
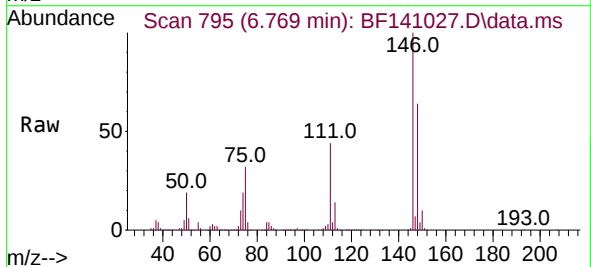
Instrument :
BNA_F
ClientSampleId :
PB165872BS

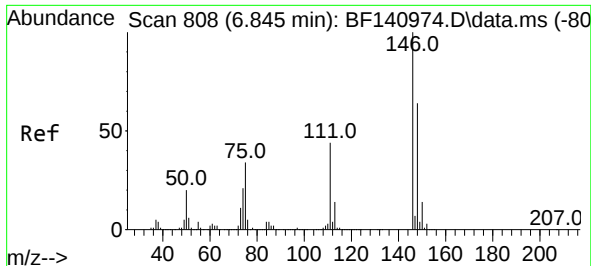
Tgt Ion: 93 Resp: 946959
Ion Ratio Lower Upper
93 100
63 79.1 60.3 100.3
95 32.9 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 49.477 ng
RT: 6.769 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF141027.D
Acq: 30 Dec 2024 12:56

Tgt Ion:146 Resp: 1011150
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.4
75 32.0 26.1 39.1





#13

1,4-Dichlorobenzene

Concen: 49.451 ng

RT: 6.845 min Scan# 808

Delta R.T. 0.000 min

Lab File: BF141027.D

Acq: 30 Dec 2024 12:56

Instrument :

BNA_F

ClientSampleId :

PB165872BS

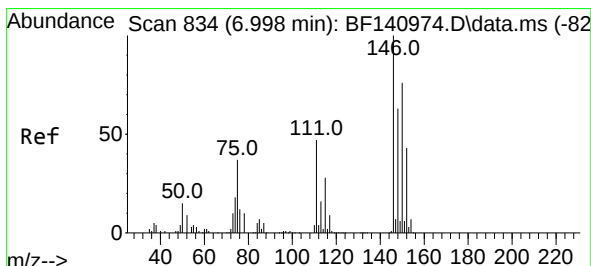
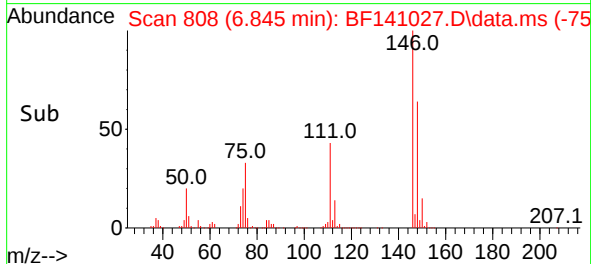
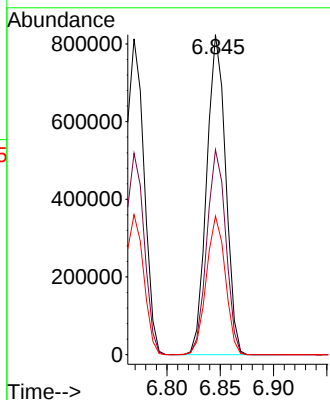
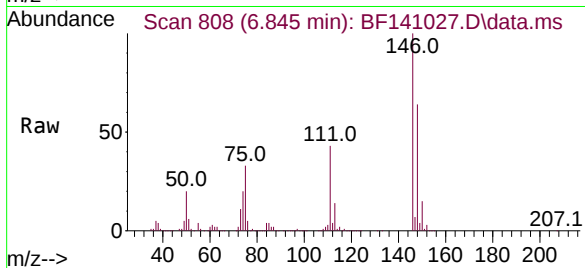
Tgt Ion:146 Resp: 1018806

Ion Ratio Lower Upper

146 100

148 64.1 51.3 76.9

111 43.3 35.3 52.9



#14

1,2-Dichlorobenzene

Concen: 51.068 ng

RT: 6.998 min Scan# 834

Delta R.T. 0.000 min

Lab File: BF141027.D

Acq: 30 Dec 2024 12:56

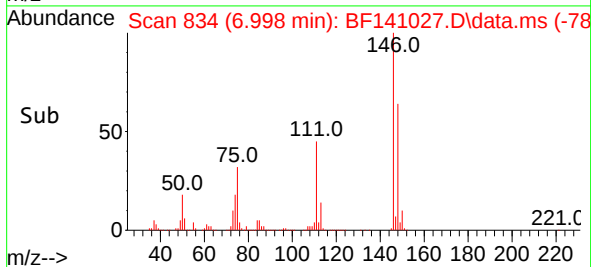
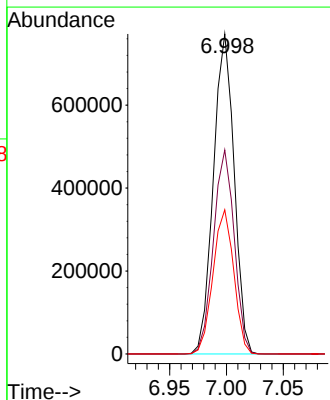
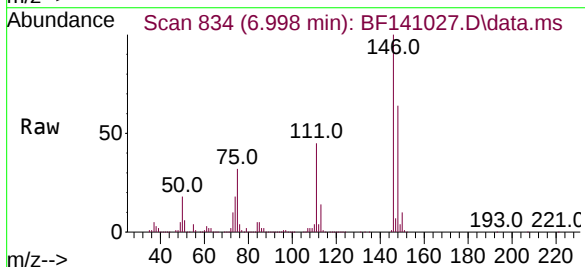
Tgt Ion:146 Resp: 980957

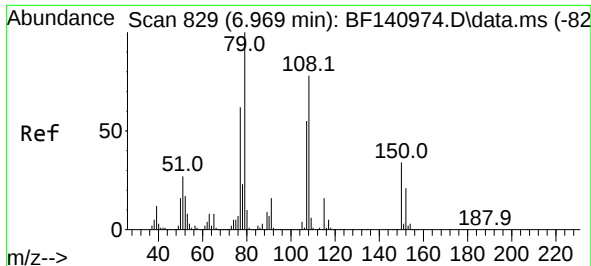
Ion Ratio Lower Upper

146 100

148 63.7 50.6 76.0

111 45.0 37.3 55.9

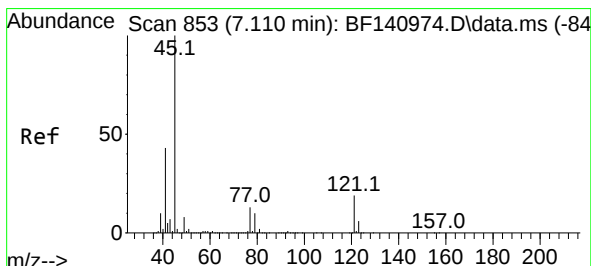
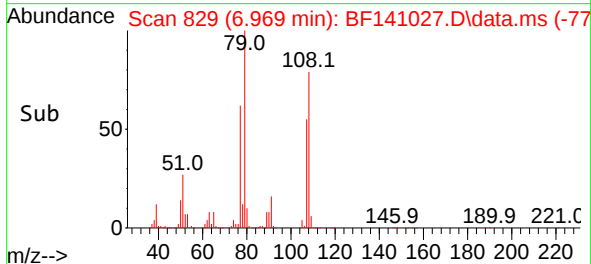
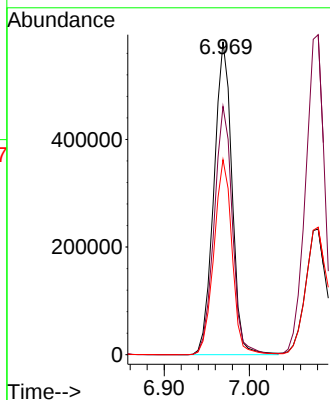
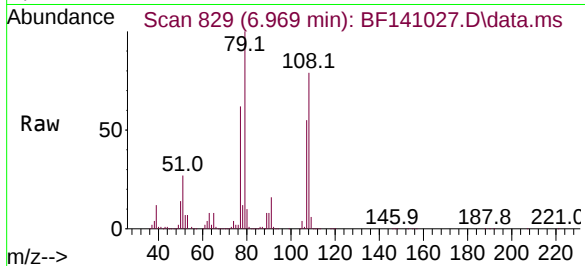




#15
Benzyl Alcohol
Concen: 52.614 ng
RT: 6.969 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF141027.D
Acq: 30 Dec 2024 12:56

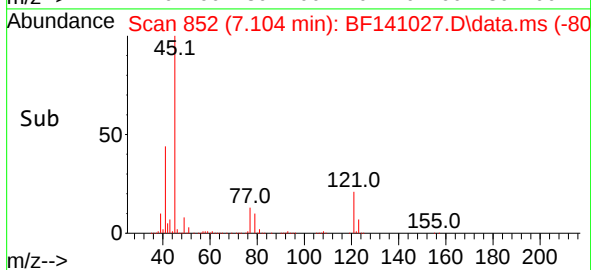
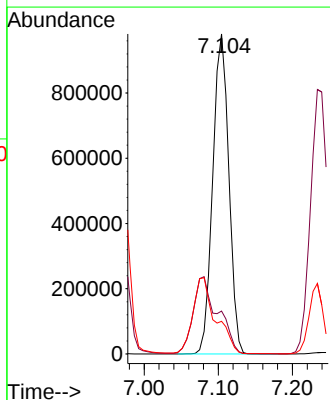
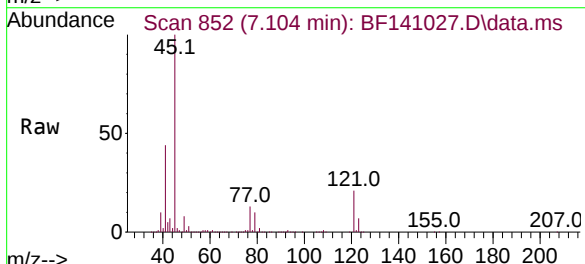
Instrument :
BNA_F
ClientSampleId :
PB165872BS

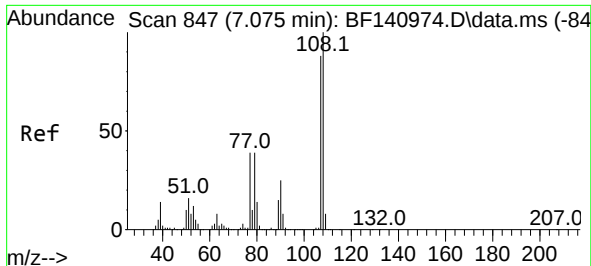
Tgt Ion: 79 Resp: 855479
Ion Ratio Lower Upper
79 100
108 79.4 62.5 93.7
77 62.3 49.3 73.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.648 ng
RT: 7.104 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF141027.D
Acq: 30 Dec 2024 12:56

Tgt Ion: 45 Resp: 1475540
Ion Ratio Lower Upper
45 100
77 13.4 0.0 33.1
79 10.2 0.0 30.1

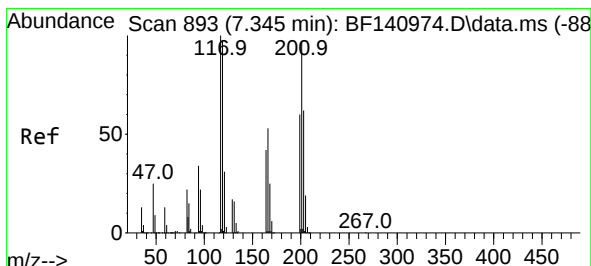
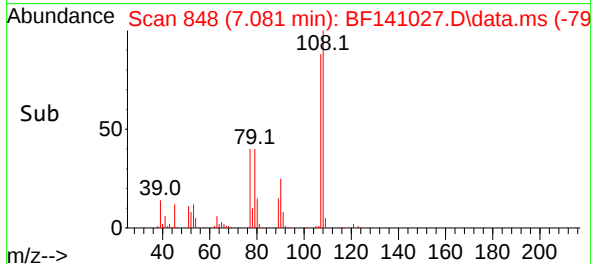
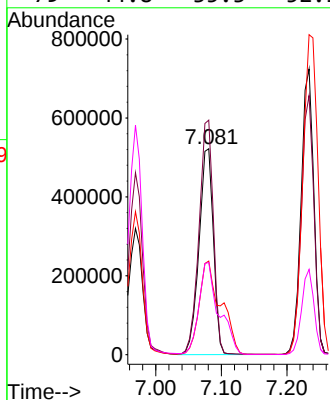
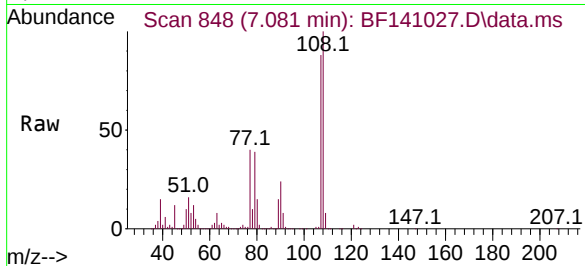




#17
2-Methylphenol
Concen: 52.011 ng
RT: 7.081 min Scan# 84
Delta R.T. 0.006 min
Lab File: BF141027.D
Acq: 30 Dec 2024 12:56

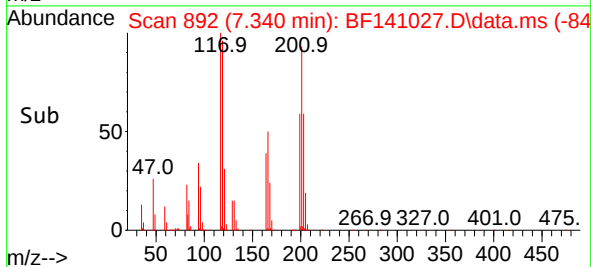
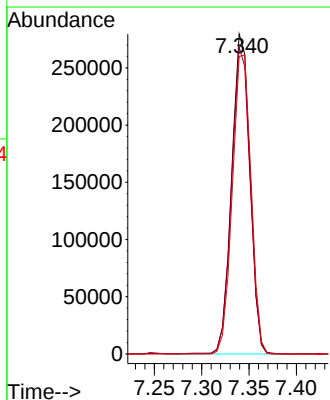
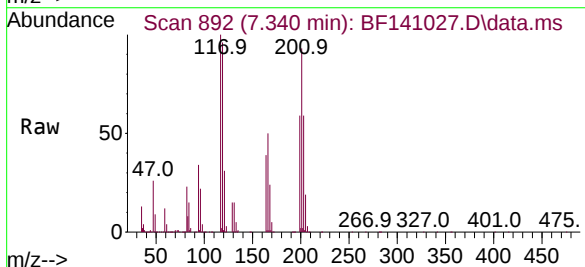
Instrument :
BNA_F
ClientSampleId :
PB165872BS

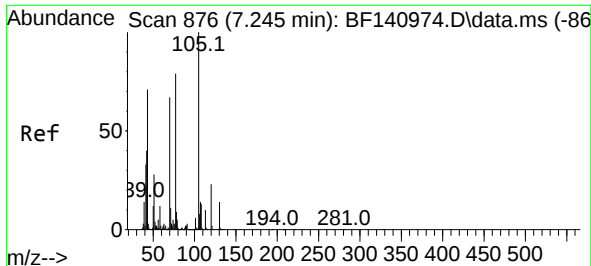
Tgt Ion:107 Resp: 800154
Ion Ratio Lower Upper
107 100
108 113.9 90.6 136.0
77 45.4 35.3 52.9
79 44.8 35.3 52.9



#18
Hexachloroethane
Concen: 51.097 ng
RT: 7.340 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF141027.D
Acq: 30 Dec 2024 12:56

Tgt Ion:117 Resp: 373956
Ion Ratio Lower Upper
117 100
119 95.8 77.5 116.3
201 93.0 77.4 116.2

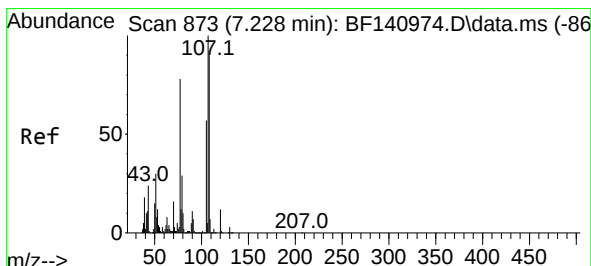
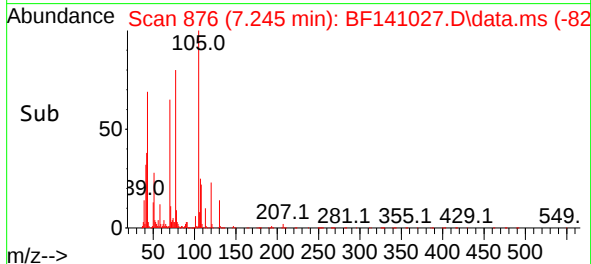
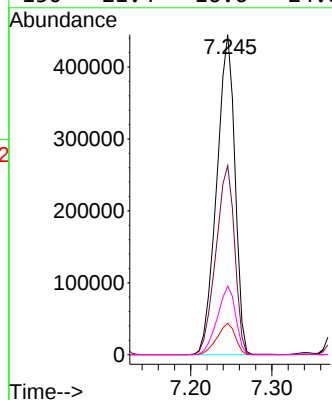
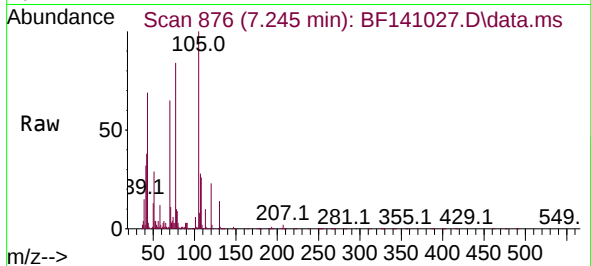




#19
n-Nitroso-di-n-propylamine
Concen: 50.150 ng
RT: 7.245 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF141027.D
Acq: 30 Dec 2024 12:56

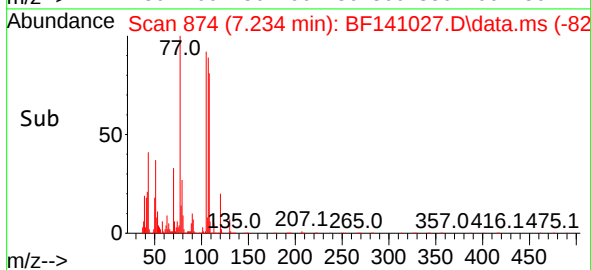
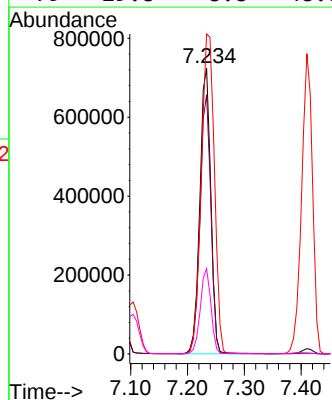
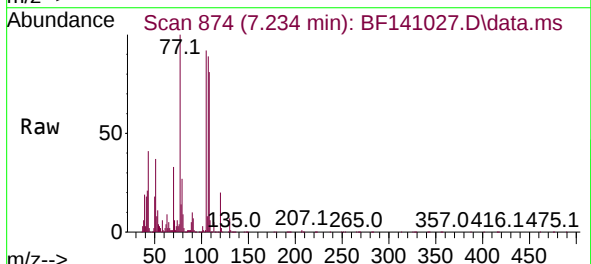
Instrument :
BNA_F
ClientSampleId :
PB165872BS

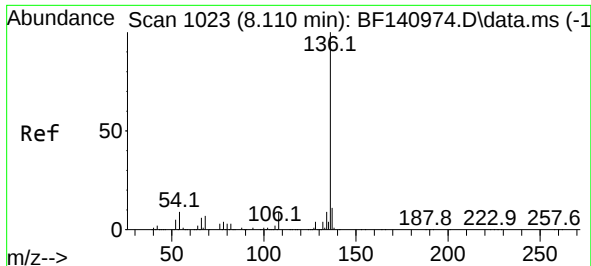
Tgt Ion: 70 Resp: 695164
Ion Ratio Lower Upper
70 100
42 59.0 48.1 72.1
101 9.8 7.6 11.4
130 21.4 16.6 24.8



#20
3+4-Methylphenols
Concen: 49.864 ng
RT: 7.234 min Scan# 874
Delta R.T. 0.006 min
Lab File: BF141027.D
Acq: 30 Dec 2024 12:56

Tgt Ion: 107 Resp: 970787
Ion Ratio Lower Upper
107 100
108 90.7 69.6 109.6
77 112.0 57.6 97.6#
79 29.8 8.8 48.8



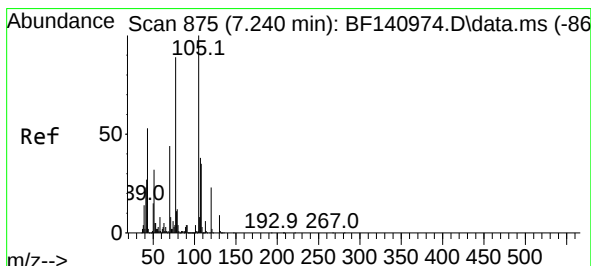
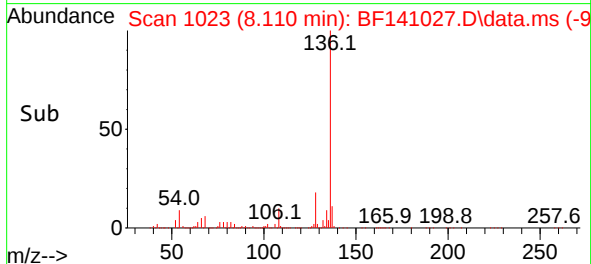
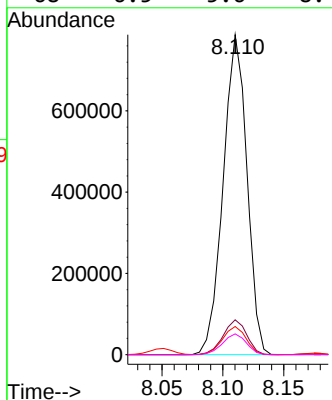
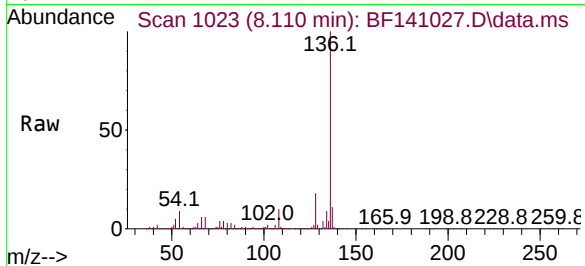


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF141027.D
Acq: 30 Dec 2024 12:56

Instrument :
BNA_F
ClientSampleId :
PB165872BS

Tgt Ion:136 Resp: 1070876

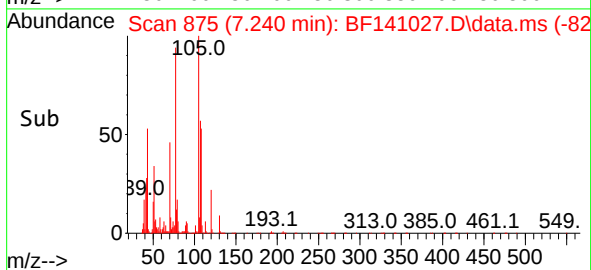
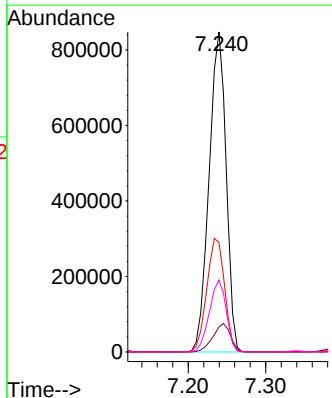
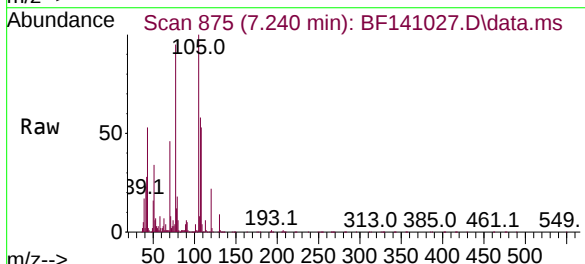
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	8.8	7.6	11.4
68	6.5	5.6	8.4

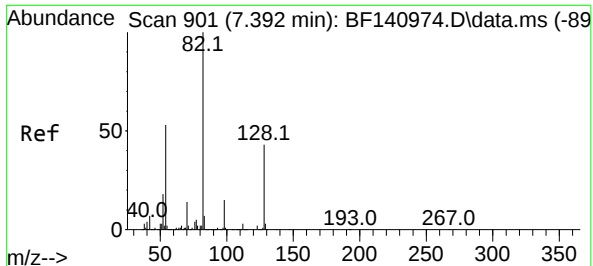


#22
Acetophenone
Concen: 49.218 ng
RT: 7.240 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF141027.D
Acq: 30 Dec 2024 12:56

Tgt Ion:105 Resp: 1292966

Ion	Ratio	Lower	Upper
105	100		
71	7.8	6.1	9.1
51	34.2	25.8	38.6
120	22.5	18.1	27.1





#23

Nitrobenzene-d5

Concen: 125.597 ng

RT: 7.393 min Scan# 901

Delta R.T. 0.000 min

Lab File: BF141027.D

Acq: 30 Dec 2024 12:56

Instrument :

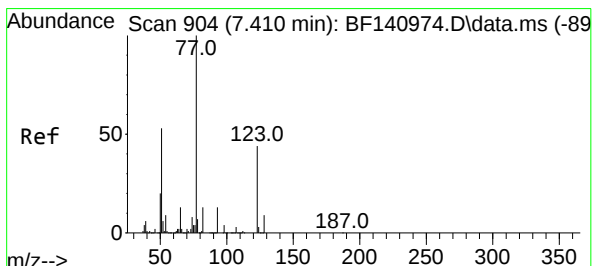
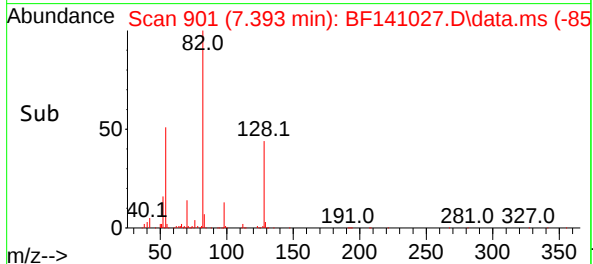
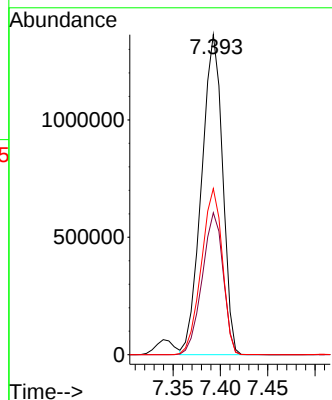
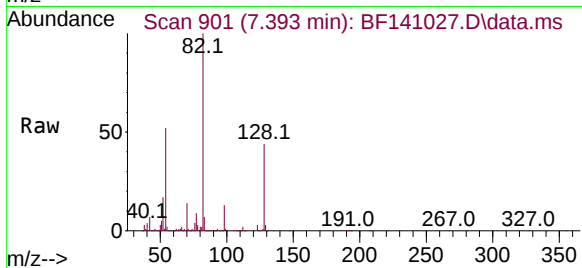
BNA_F

ClientSampleId :

PB165872BS

Tgt Ion: 82 Resp: 2102264

Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.4	51.6
54	51.9	42.4	63.6



#24

Nitrobenzene

Concen: 54.066 ng

RT: 7.410 min Scan# 904

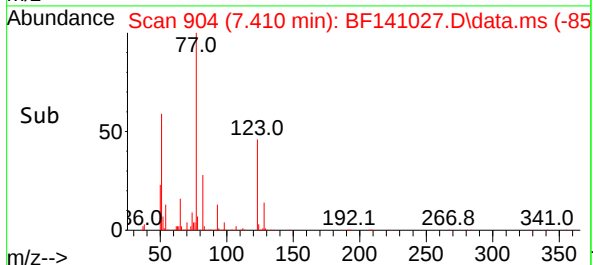
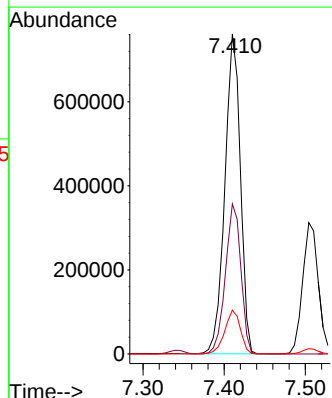
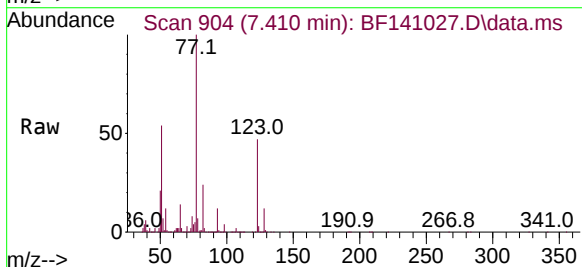
Delta R.T. 0.000 min

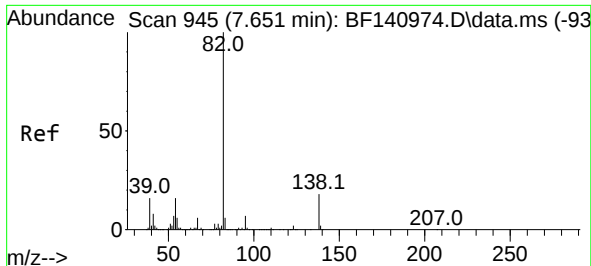
Lab File: BF141027.D

Acq: 30 Dec 2024 12:56

Tgt Ion: 77 Resp: 1011199

Ion	Ratio	Lower	Upper
77	100		
123	46.9	35.4	53.2
65	13.7	10.7	16.1

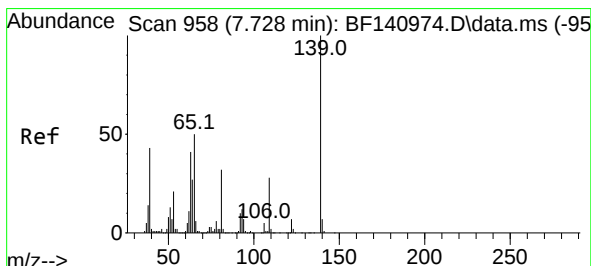
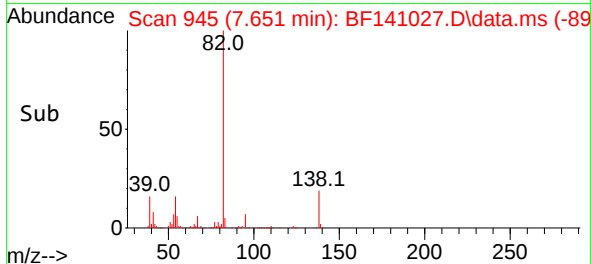
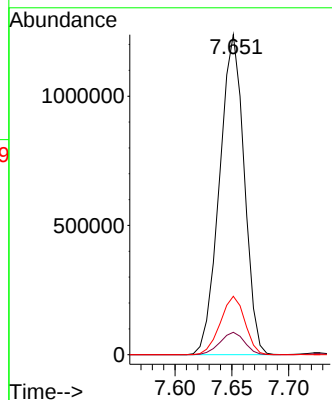
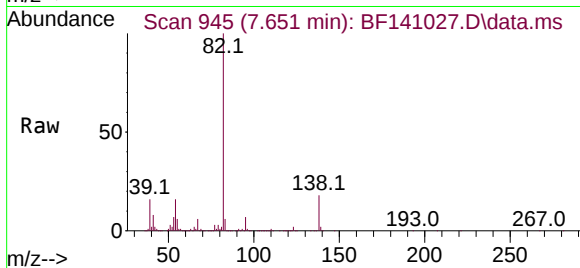




#25
Isophorone
Concen: 51.425 ng
RT: 7.651 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF141027.D
Acq: 30 Dec 2024 12:56

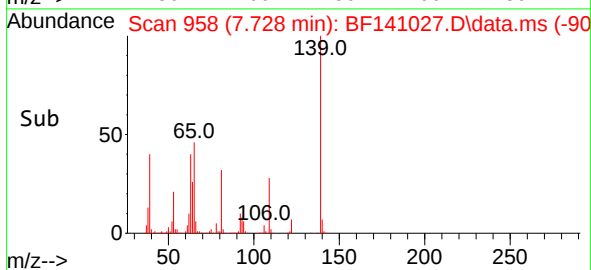
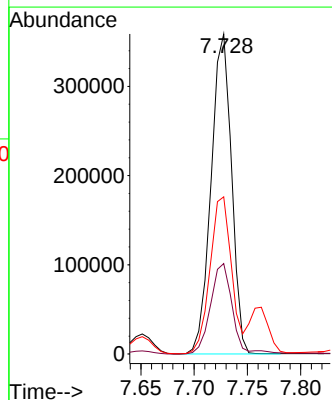
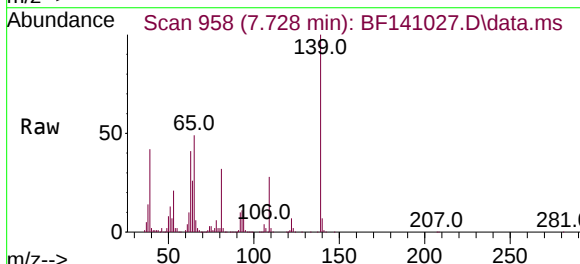
Instrument :
BNA_F
ClientSampleId :
PB165872BS

Tgt Ion: 82 Resp: 1873057
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 18.3 14.6 21.8



#26
2-Nitrophenol
Concen: 60.840 ng
RT: 7.728 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF141027.D
Acq: 30 Dec 2024 12:56

Tgt Ion:139 Resp: 478543
Ion Ratio Lower Upper
139 100
109 28.3 22.2 33.4
65 49.1 40.2 60.4

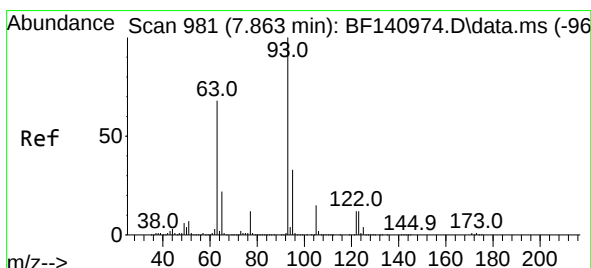
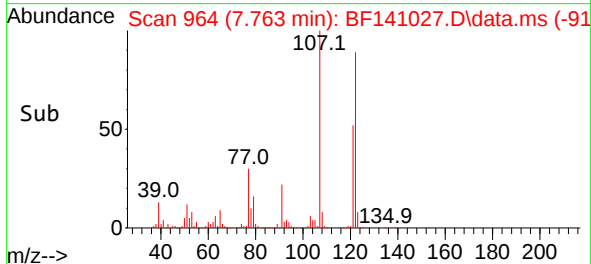
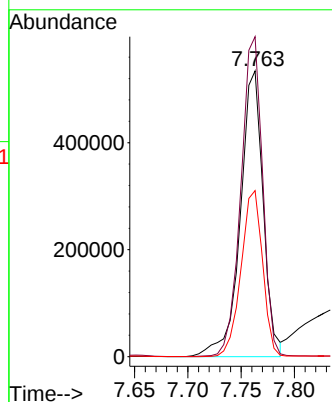
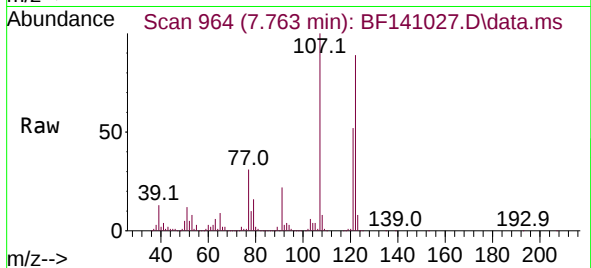




#27
2,4-Dimethylphenol
Concen: 60.057 ng
RT: 7.763 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF141027.D
Acq: 30 Dec 2024 12:56

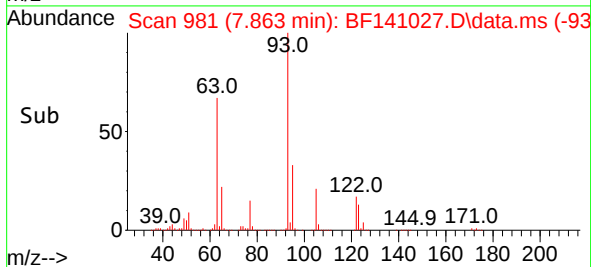
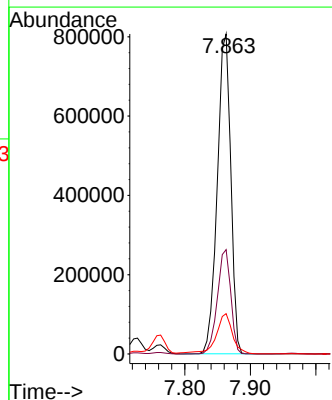
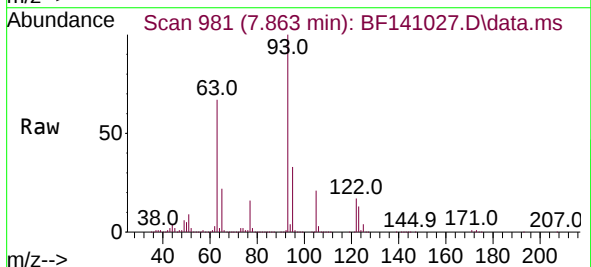
Instrument :
BNA_F
ClientSampleId :
PB165872BS

Tgt Ion:122 Resp: 799451
Ion Ratio Lower Upper
122 100
107 112.0 89.4 134.2
121 58.1 46.7 70.1



#28
bis(2-Chloroethoxy)methane
Concen: 49.638 ng
RT: 7.863 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF141027.D
Acq: 30 Dec 2024 12:56

Tgt Ion: 93 Resp: 1145517
Ion Ratio Lower Upper
93 100
95 32.6 26.2 39.4
123 12.6 9.9 14.9

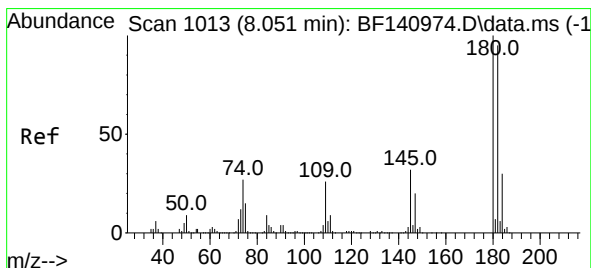
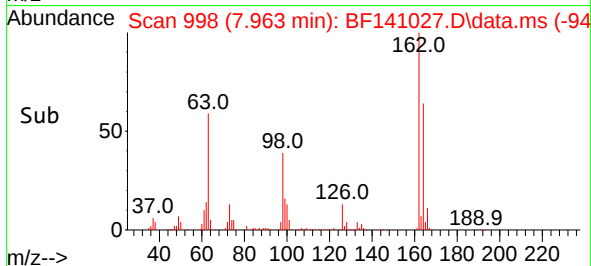
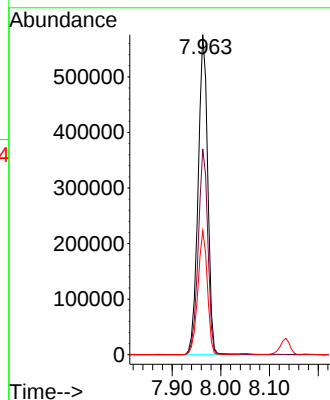
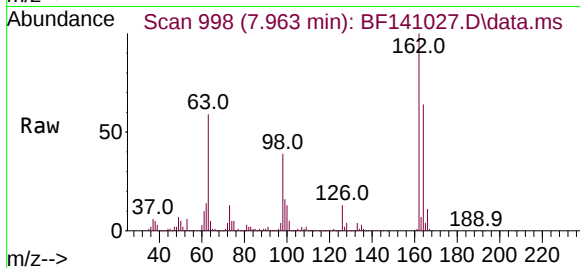




#29
2,4-Dichlorophenol
Concen: 52.732 ng
RT: 7.963 min Scan# 998
Delta R.T. 0.000 min
Lab File: BF141027.D
Acq: 30 Dec 2024 12:56

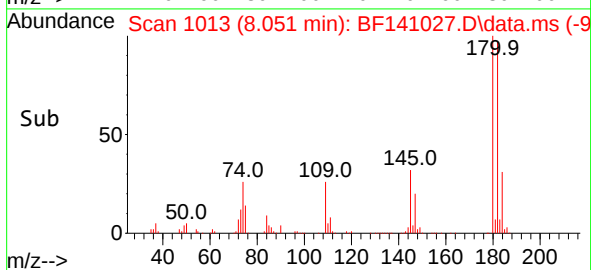
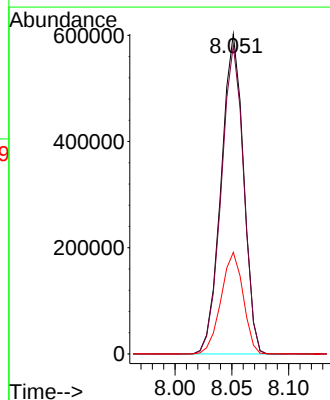
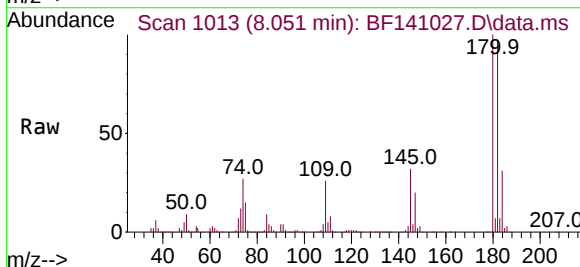
Instrument :
BNA_F
ClientSampleId :
PB165872BS

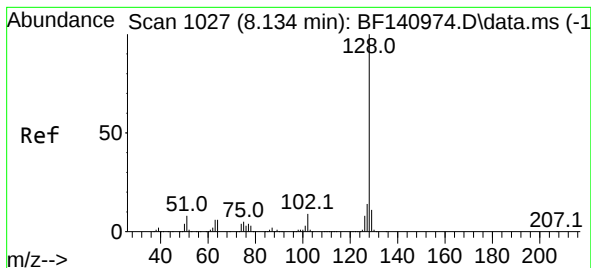
Tgt Ion:162 Resp: 796105
Ion Ratio Lower Upper
162 100
164 64.3 44.8 84.8
98 38.7 18.6 58.6



#30
1,2,4-Trichlorobenzene
Concen: 48.225 ng
RT: 8.051 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF141027.D
Acq: 30 Dec 2024 12:56

Tgt Ion:180 Resp: 824067
Ion Ratio Lower Upper
180 100
182 96.5 76.2 114.4
145 31.7 25.4 38.2





#31

Naphthalene

Concen: 49.138 ng

RT: 8.134 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF141027.D

Acq: 30 Dec 2024 12:56

Instrument :

BNA_F

ClientSampleId :

PB165872BS

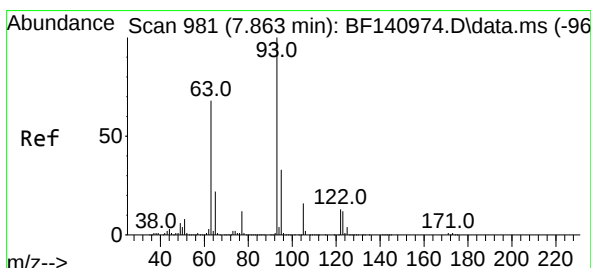
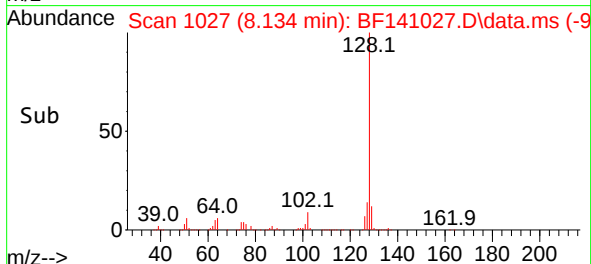
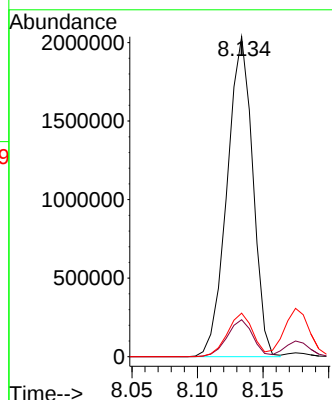
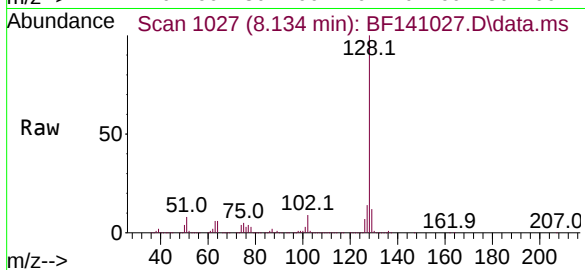
Tgt Ion:128 Resp: 2772797

Ion Ratio Lower Upper

128 100

129 11.6 9.2 13.8

127 13.6 11.0 16.4



#32

Benzoic acid

Concen: 55.526 ng

RT: 7.881 min Scan# 984

Delta R.T. 0.018 min

Lab File: BF141027.D

Acq: 30 Dec 2024 12:56

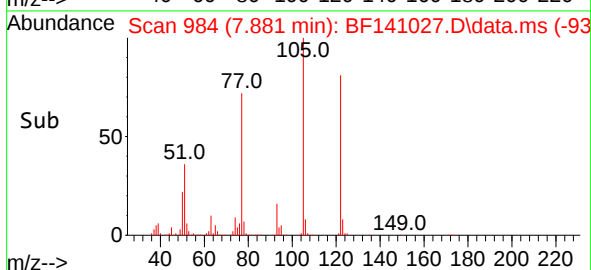
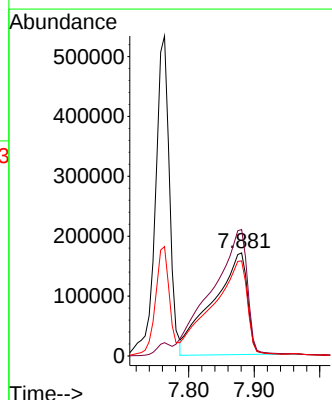
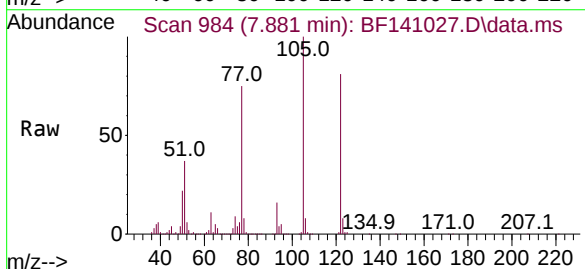
Tgt Ion:122 Resp: 624000

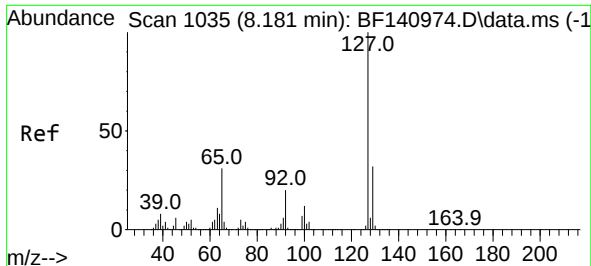
Ion Ratio Lower Upper

122 100

105 122.7 105.4 145.4

77 92.3 76.4 116.4

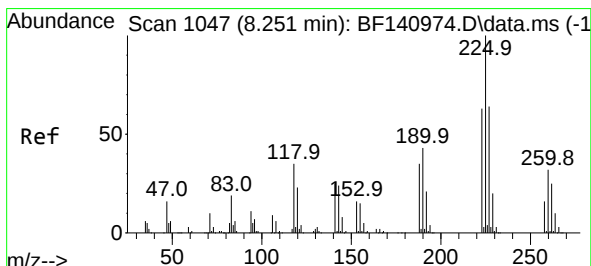
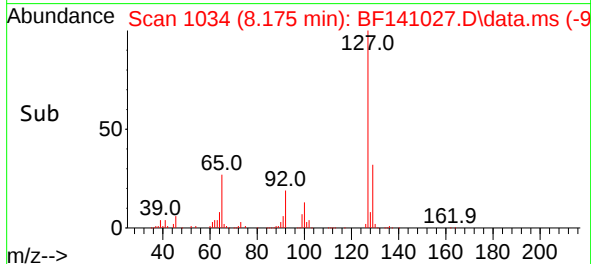
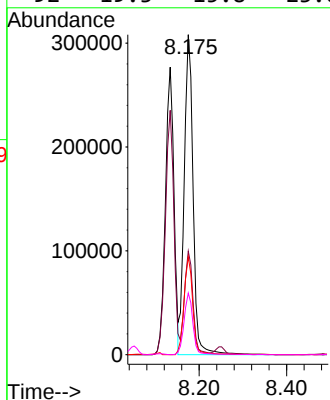
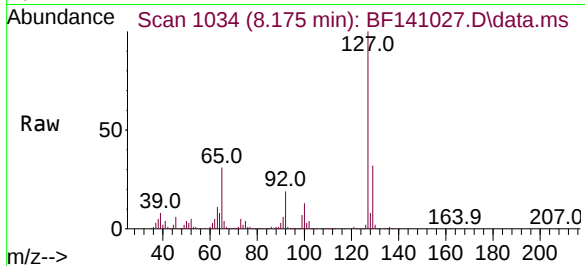




#33
4-Chloroaniline
Concen: 21.150 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF141027.D
Acq: 30 Dec 2024 12:56

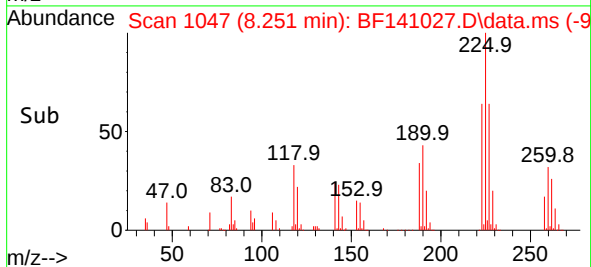
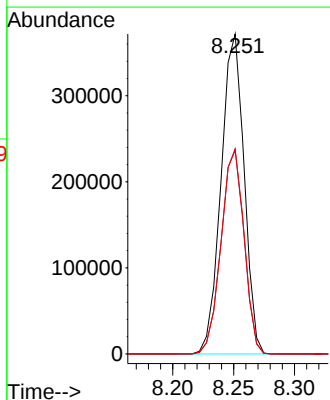
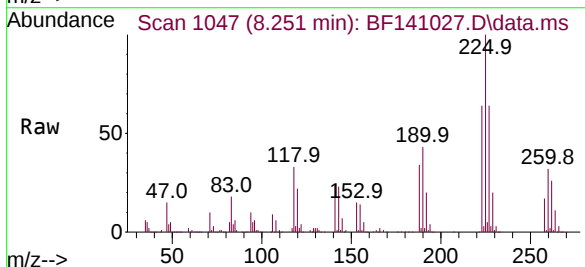
Instrument :
BNA_F
ClientSampleId :
PB165872BS

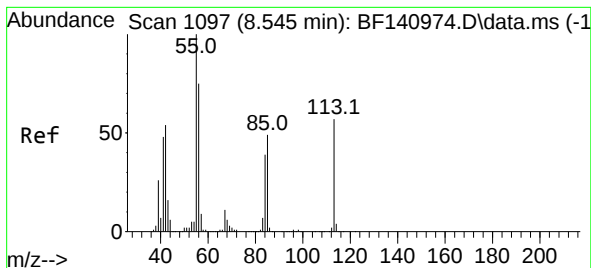
Tgt Ion:	127	Resp:	431767
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.1	39.1
65	30.6	24.6	37.0
92	19.3	15.8	23.6



#34
Hexachlorobutadiene
Concen: 48.541 ng
RT: 8.251 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF141027.D
Acq: 30 Dec 2024 12:56

Tgt Ion:	225	Resp:	488993
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.3	75.5
227	64.2	50.8	76.2





#35

Caprolactam

Concen: 52.472 ng m

RT: 8.545 min Scan# 1097

Delta R.T. 0.000 min

Lab File: BF141027.D

Acq: 30 Dec 2024 12:56

Instrument :

BNA_F

ClientSampleId :

PB165872BS

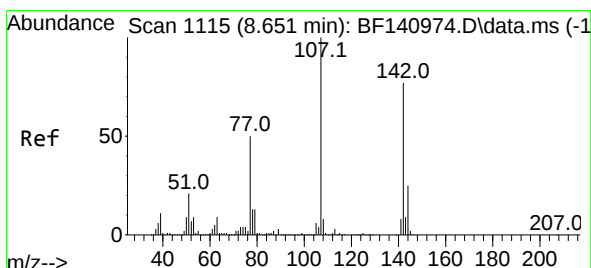
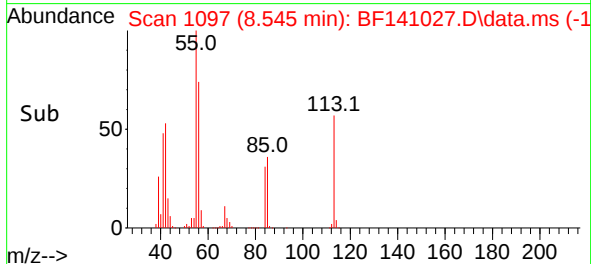
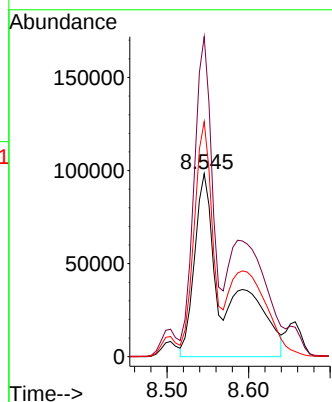
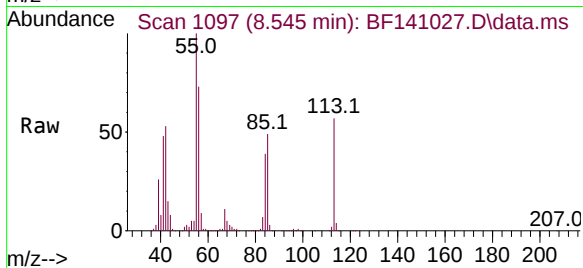
Tgt Ion:113 Resp: 269309

Ion Ratio Lower Upper

113 100

55 174.9 156.6 196.6

56 128.5 111.7 151.7



#36

4-Chloro-3-methylphenol

Concen: 51.026 ng

RT: 8.657 min Scan# 1116

Delta R.T. 0.006 min

Lab File: BF141027.D

Acq: 30 Dec 2024 12:56

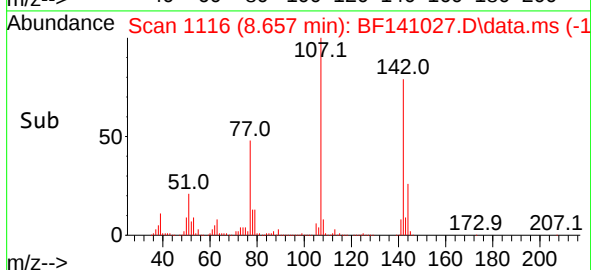
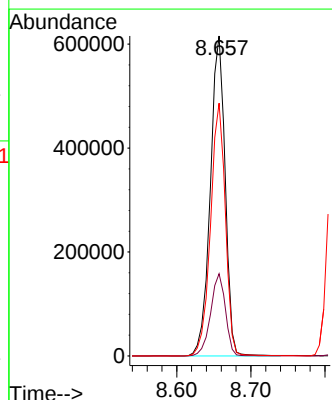
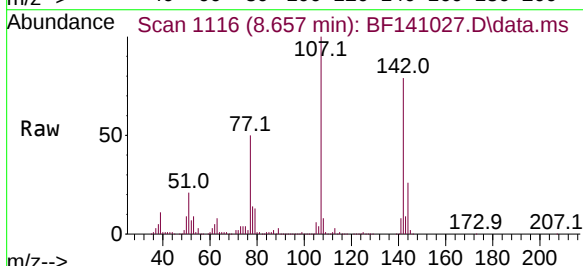
Tgt Ion:107 Resp: 855524

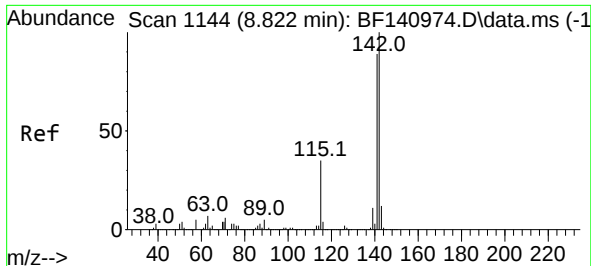
Ion Ratio Lower Upper

107 100

144 25.7 19.9 29.9

142 79.0 61.8 92.8





#37

2-Methylnaphthalene

Concen: 49.943 ng

RT: 8.822 min Scan# 1144

Delta R.T. 0.000 min

Lab File: BF141027.D

Acq: 30 Dec 2024 12:56

Instrument :

BNA_F

ClientSampleId :

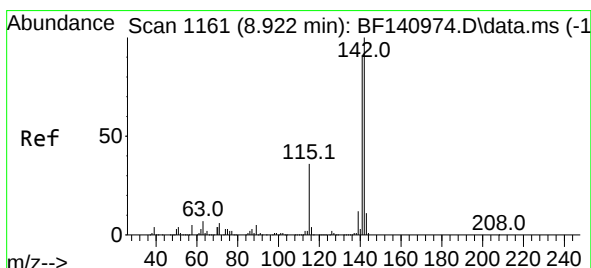
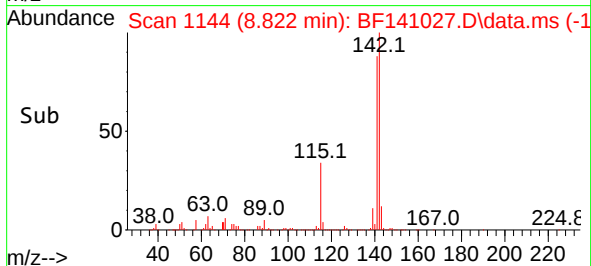
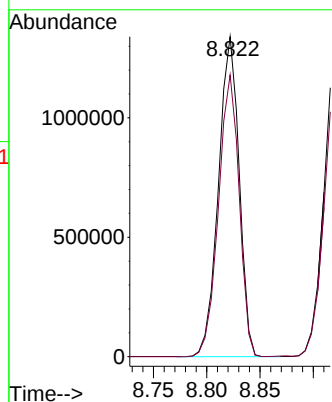
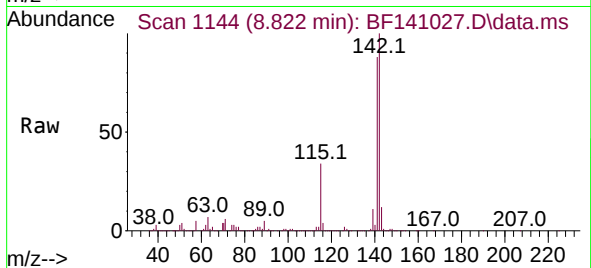
PB165872BS

Tgt Ion:142 Resp: 1802906

Ion Ratio Lower Upper

142 100

141 88.0 71.1 106.7



#38

1-Methylnaphthalene

Concen: 47.556 ng

RT: 8.922 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BF141027.D

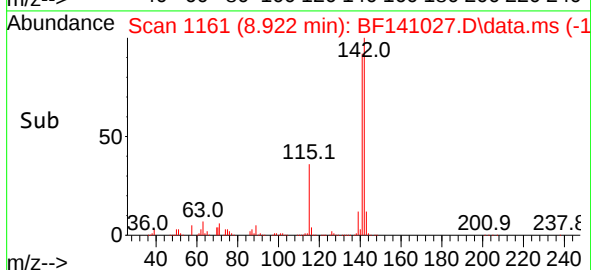
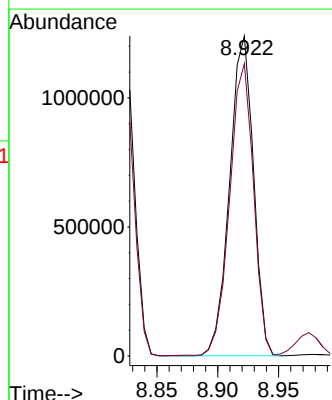
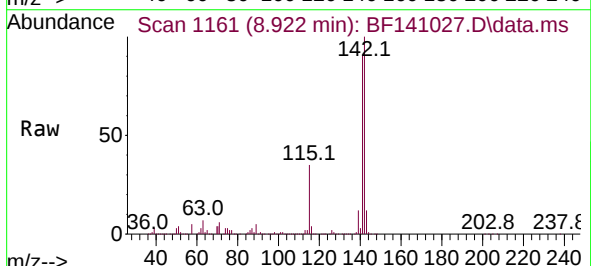
Acq: 30 Dec 2024 12:56

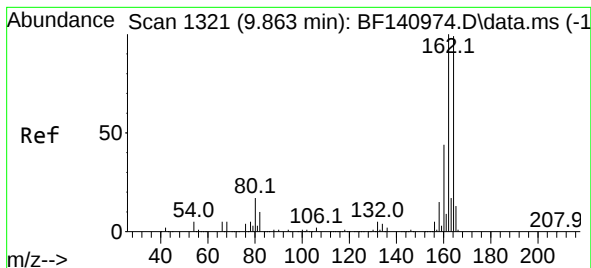
Tgt Ion:142 Resp: 1687196

Ion Ratio Lower Upper

142 100

141 91.4 72.7 109.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF141027.D

Acq: 30 Dec 2024 12:56

Instrument :

BNA_F

ClientSampleId :

PB165872BS

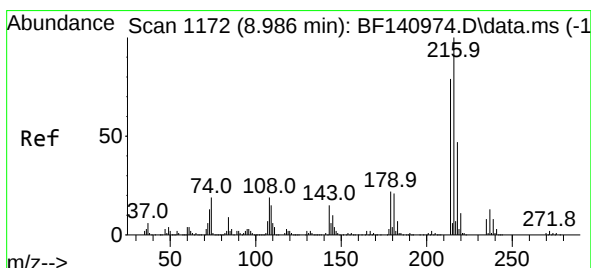
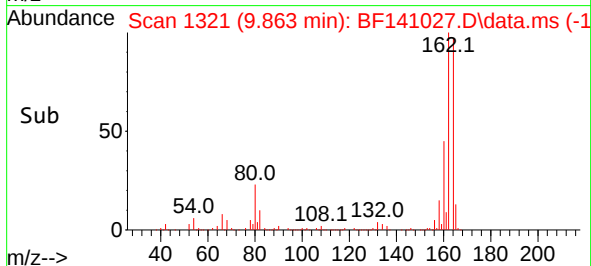
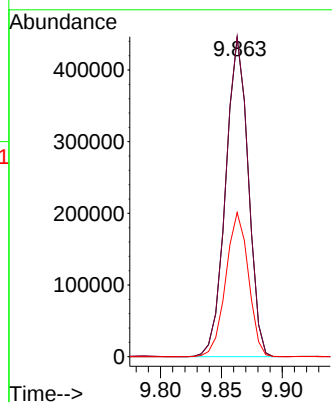
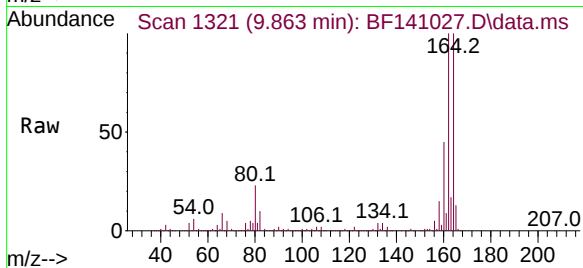
Tgt Ion:164 Resp: 573870

Ion Ratio Lower Upper

164 100

162 100.4 80.6 120.8

160 45.2 35.7 53.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.955 ng

RT: 8.987 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF141027.D

Acq: 30 Dec 2024 12:56

Tgt Ion:216 Resp: 804474

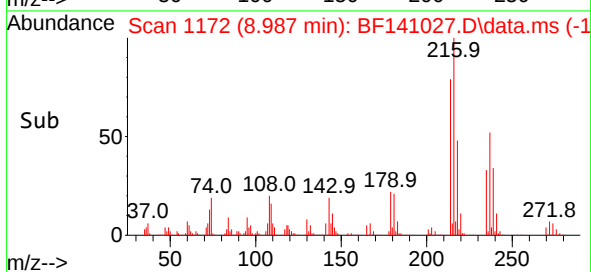
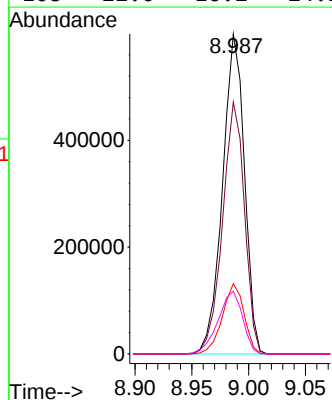
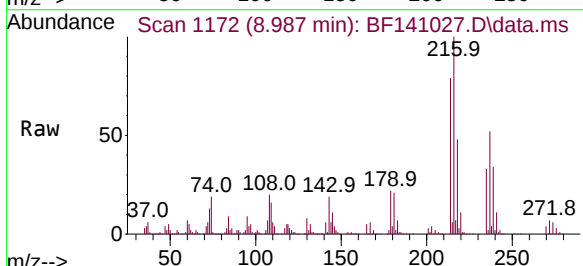
Ion Ratio Lower Upper

216 100

214 78.7 63.0 94.6

179 21.8 17.9 26.9

108 22.0 16.2 24.2

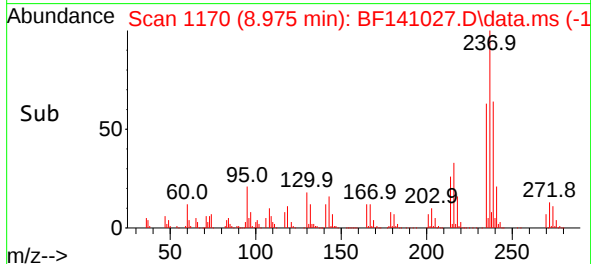
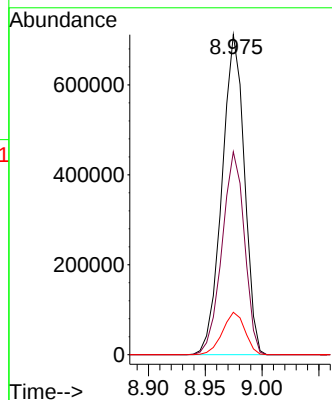
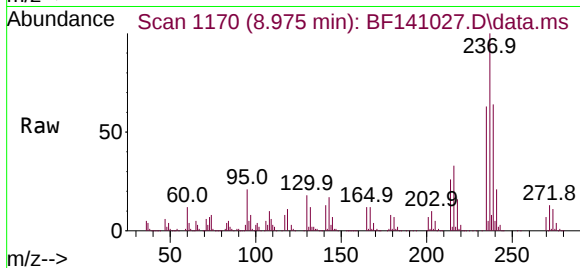




#41
Hexachlorocyclopentadiene
Concen: 186.862 ng
RT: 8.975 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF141027.D
Acq: 30 Dec 2024 12:56

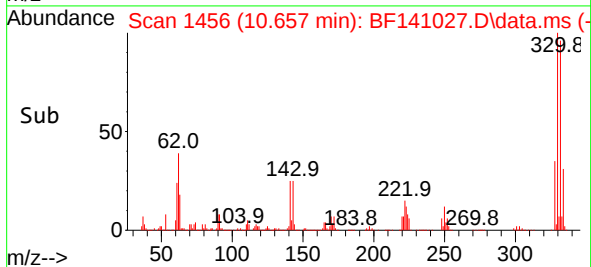
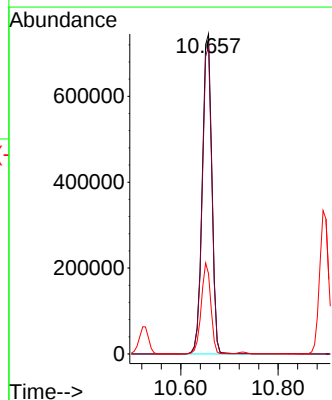
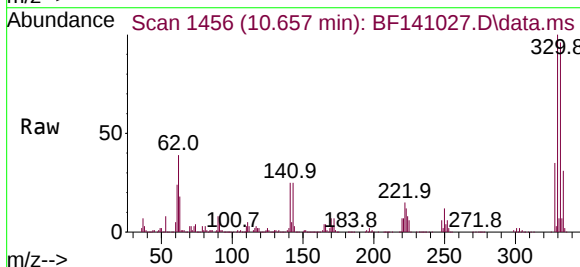
Instrument :
BNA_F
ClientSampleId :
PB165872BS

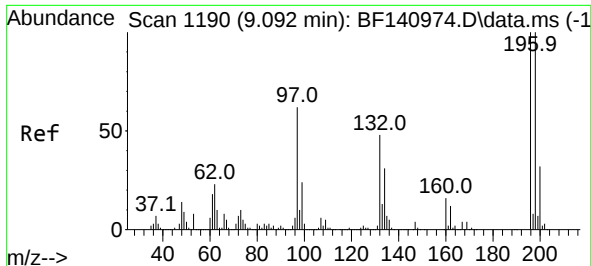
Tgt Ion:237 Resp: 977649
Ion Ratio Lower Upper
237 100
235 63.4 43.4 83.4
272 13.3 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 182.859 ng
RT: 10.657 min Scan# 1456
Delta R.T. 0.006 min
Lab File: BF141027.D
Acq: 30 Dec 2024 12:56

Tgt Ion:330 Resp: 1019681
Ion Ratio Lower Upper
330 100
332 96.2 78.0 117.0
141 28.2 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 56.406 ng

RT: 9.098 min Scan# 1190

Delta R.T. 0.006 min

Lab File: BF141027.D

Acq: 30 Dec 2024 12:56

Instrument :

BNA_F

ClientSampleId :

PB165872BS

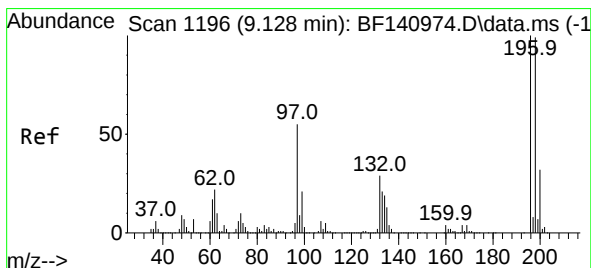
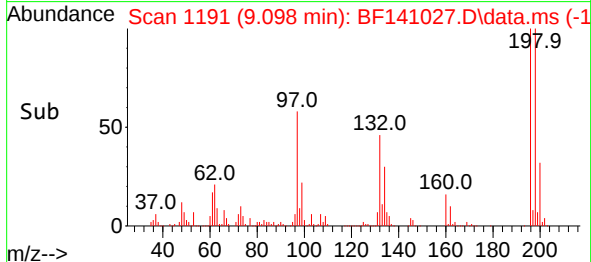
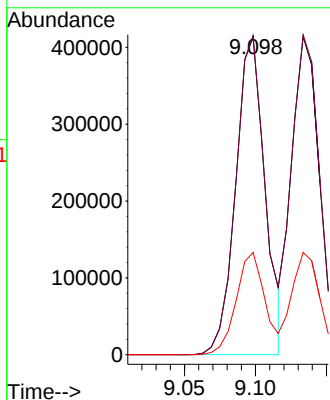
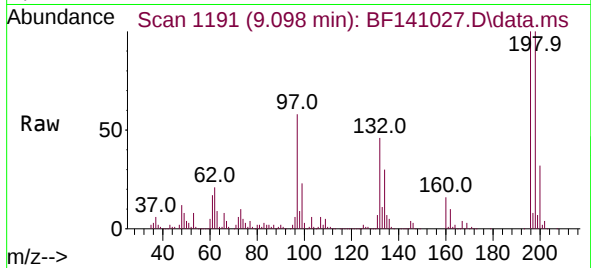
Tgt Ion:196 Resp: 592699

Ion Ratio Lower Upper

196 100

198 100.4 80.2 120.4

200 32.2 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 52.610 ng

RT: 9.134 min Scan# 1197

Delta R.T. 0.006 min

Lab File: BF141027.D

Acq: 30 Dec 2024 12:56

Tgt Ion:196 Resp: 565632

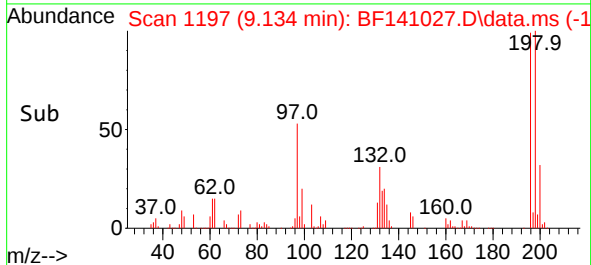
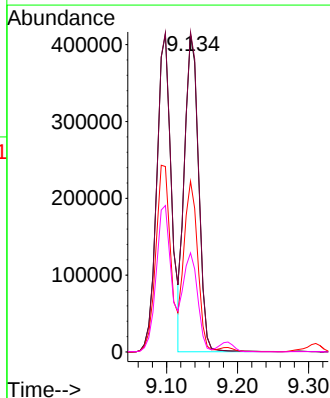
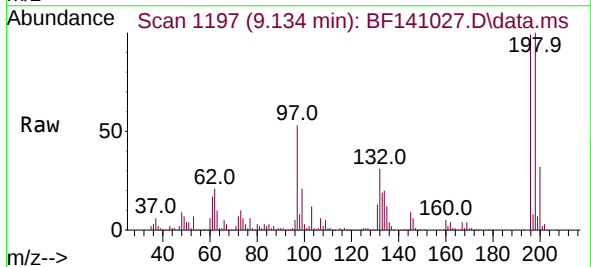
Ion Ratio Lower Upper

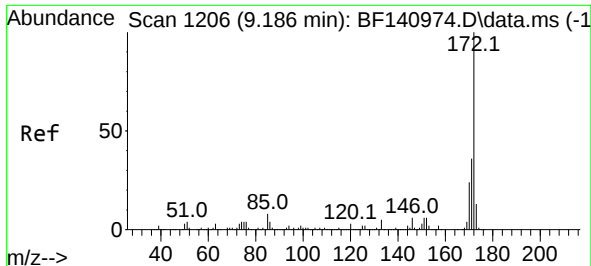
196 100

198 100.7 79.9 119.9

97 53.7 44.3 66.5

132 31.2 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 100.509 ng

RT: 9.187 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF141027.D

Acq: 30 Dec 2024 12:56

Instrument :

BNA_F

ClientSampleId :

PB165872BS

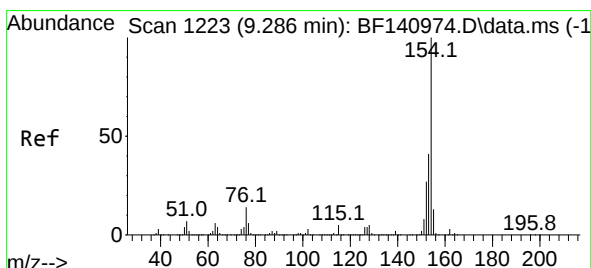
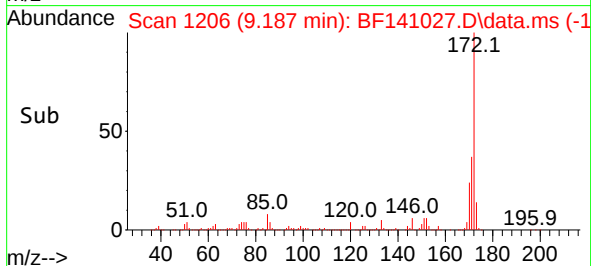
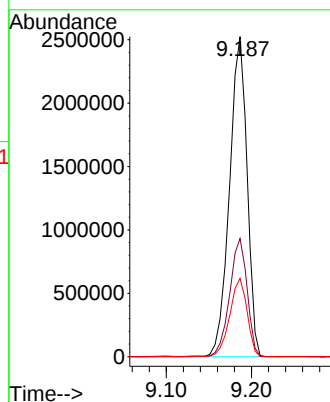
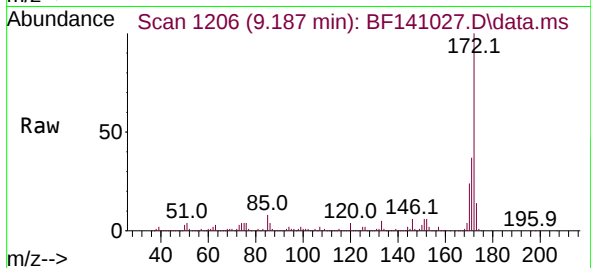
Tgt Ion:172 Resp: 3620235

Ion Ratio Lower Upper

172 100

171 37.0 29.0 43.4

170 24.5 19.6 29.4



#46

1,1'-Biphenyl

Concen: 49.191 ng

RT: 9.287 min Scan# 1223

Delta R.T. 0.001 min

Lab File: BF141027.D

Acq: 30 Dec 2024 12:56

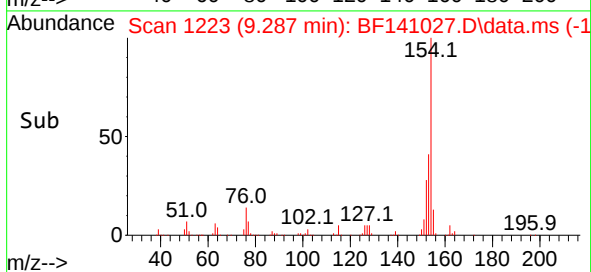
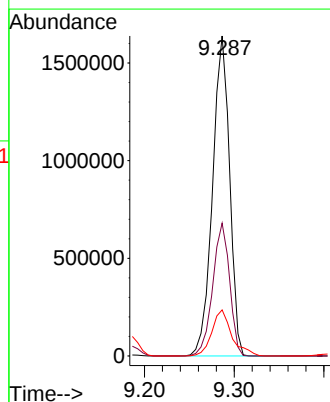
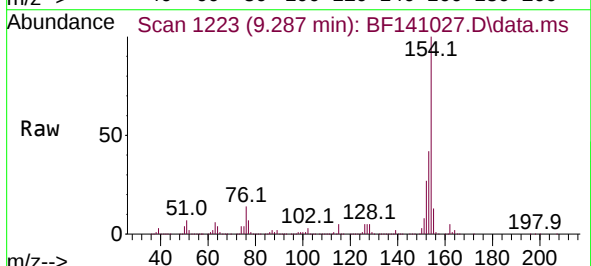
Tgt Ion:154 Resp: 2161510

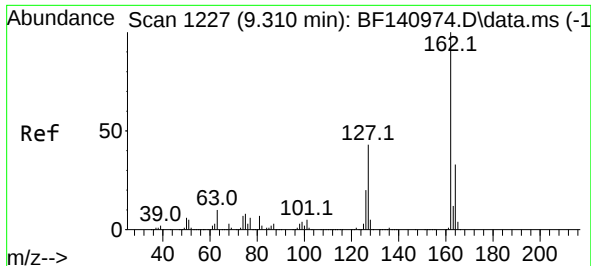
Ion Ratio Lower Upper

154 100

153 41.5 20.9 60.9

76 14.4 0.0 34.0

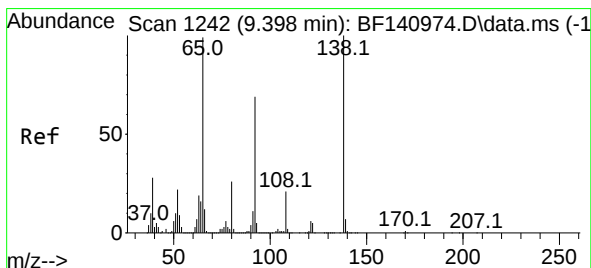
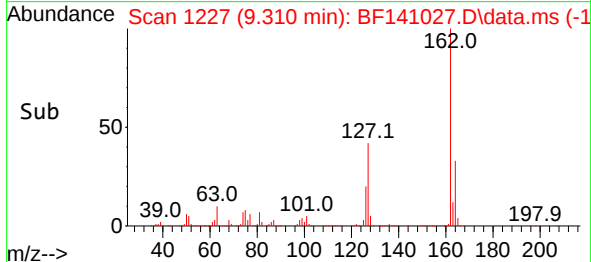
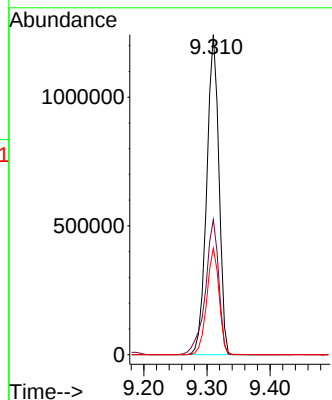
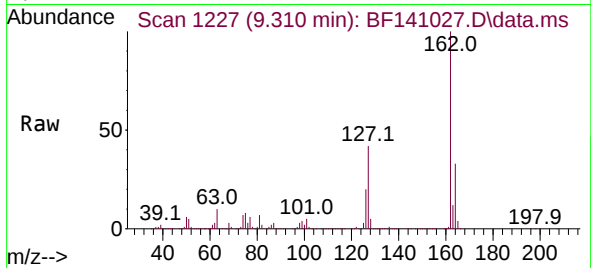




#47
2-Chloronaphthalene
Concen: 48.910 ng
RT: 9.310 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141027.D
Acq: 30 Dec 2024 12:56

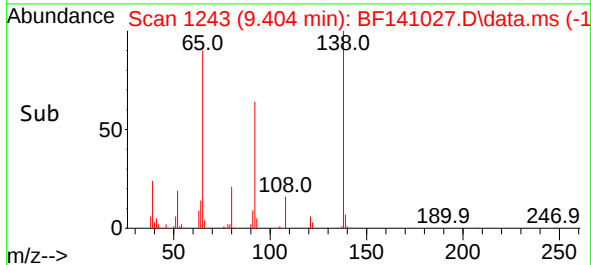
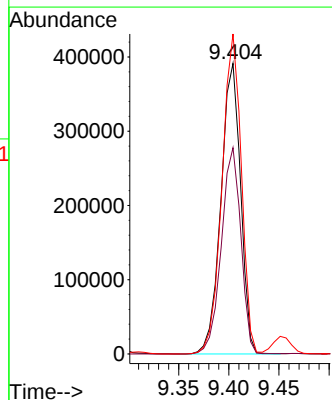
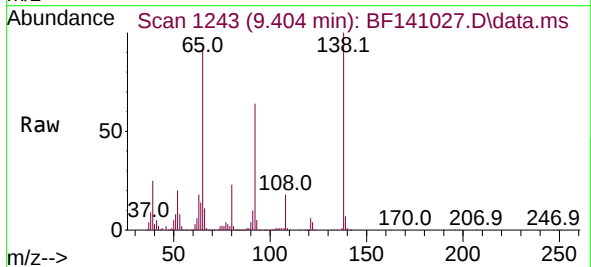
Instrument :
BNA_F
ClientSampleId :
PB165872BS

Tgt Ion:162 Resp: 1666819
Ion Ratio Lower Upper
162 100
127 42.2 34.2 51.4
164 33.3 26.6 40.0



#48
2-Nitroaniline
Concen: 58.581 ng
RT: 9.404 min Scan# 1243
Delta R.T. 0.006 min
Lab File: BF141027.D
Acq: 30 Dec 2024 12:56

Tgt Ion: 65 Resp: 532377
Ion Ratio Lower Upper
65 100
92 71.0 55.6 83.4
138 110.1 80.5 120.7

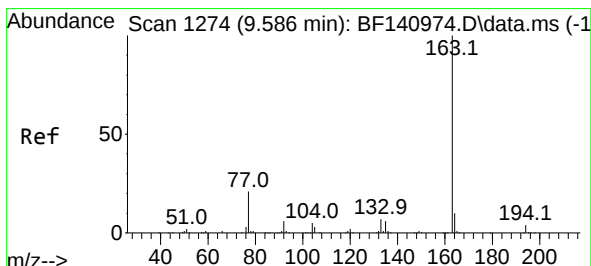
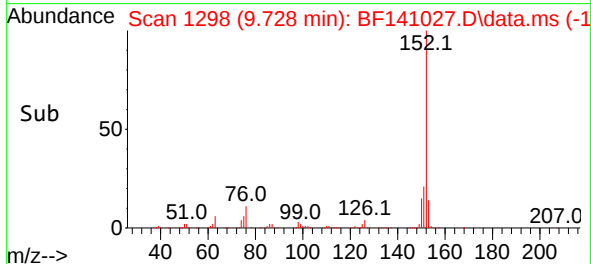
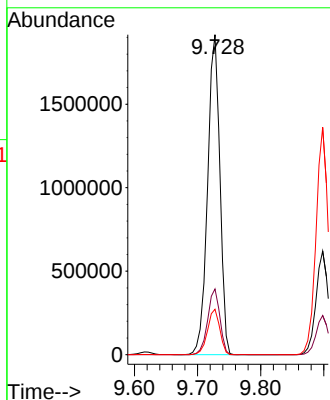
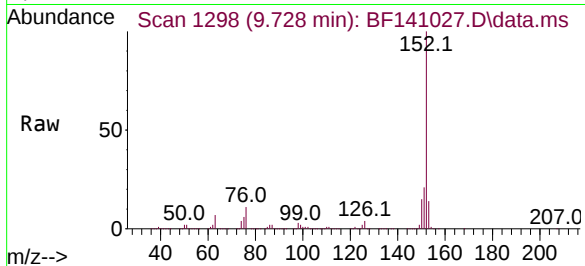




#49
Acenaphthylene
Concen: 52.732 ng
RT: 9.728 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF141027.D
Acq: 30 Dec 2024 12:56

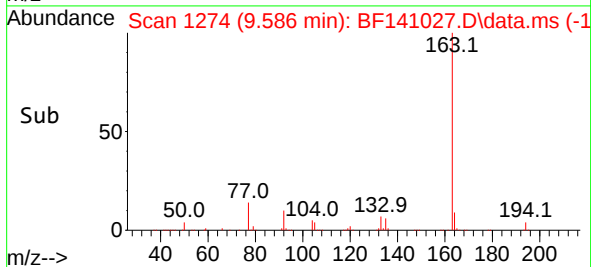
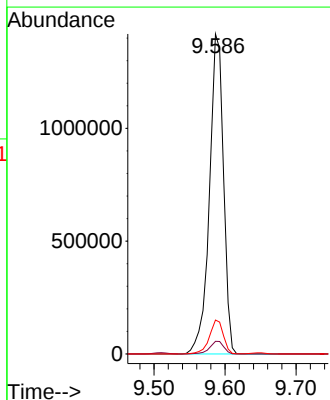
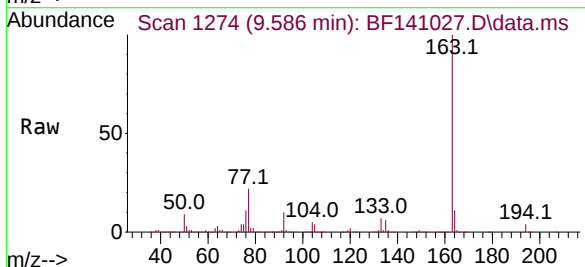
Instrument :
BNA_F
ClientSampleId :
PB165872BS

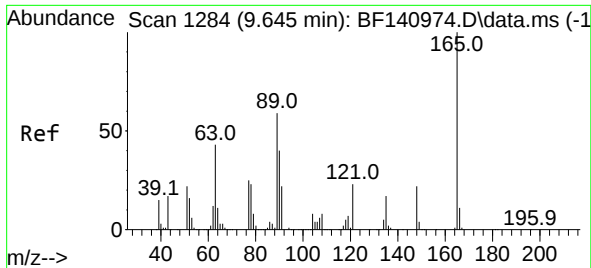
Tgt Ion:152 Resp: 2586955
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 14.2 11.4 17.0



#50
Dimethylphthalate
Concen: 51.788 ng
RT: 9.586 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BF141027.D
Acq: 30 Dec 2024 12:56

Tgt Ion:163 Resp: 1954863
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.6 8.3 12.5

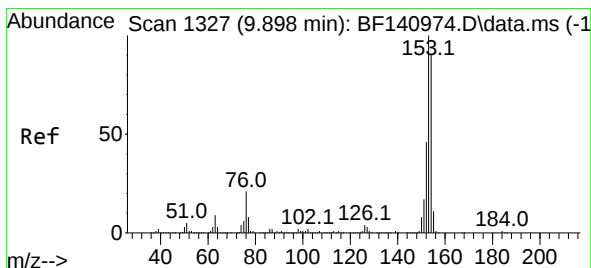
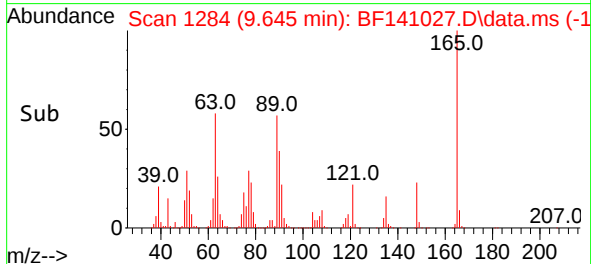
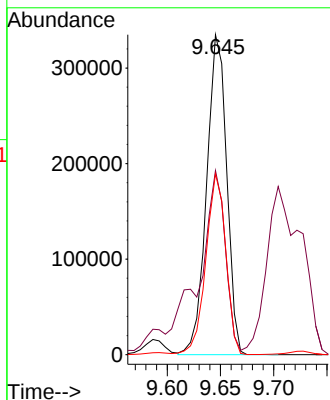
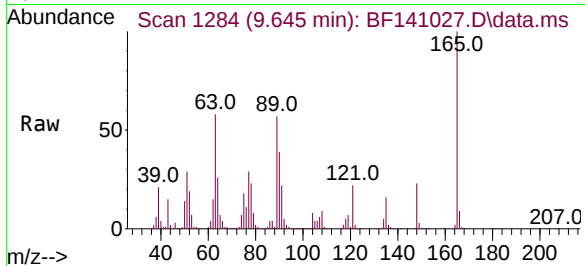




#51
2,6-Dinitrotoluene
Concen: 56.313 ng
RT: 9.645 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF141027.D
Acq: 30 Dec 2024 12:56

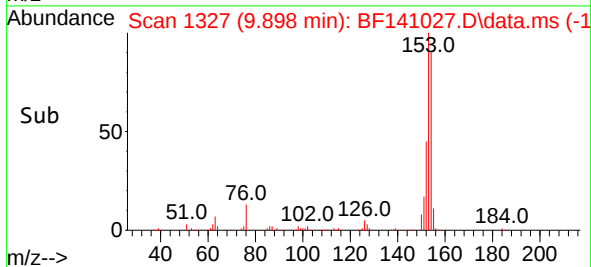
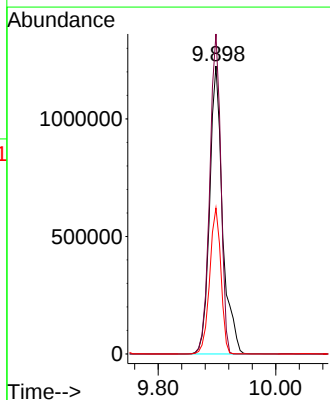
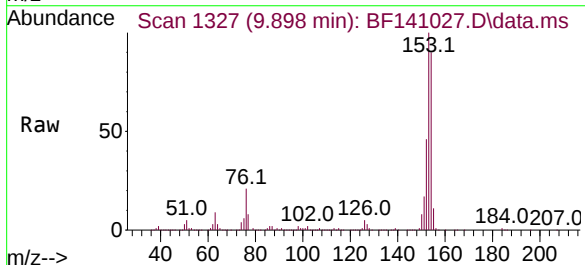
Instrument :
BNA_F
ClientSampleId :
PB165872BS

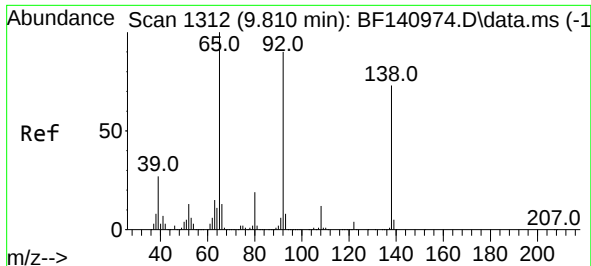
Tgt Ion:165 Resp: 438768
Ion Ratio Lower Upper
165 100
63 57.6 47.1 70.7
89 56.5 47.0 70.4



#52
Acenaphthene
Concen: 56.284 ng
RT: 9.898 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF141027.D
Acq: 30 Dec 2024 12:56

Tgt Ion:154 Resp: 1866706
Ion Ratio Lower Upper
154 100
153 111.1 89.2 133.8
152 50.7 40.9 61.3

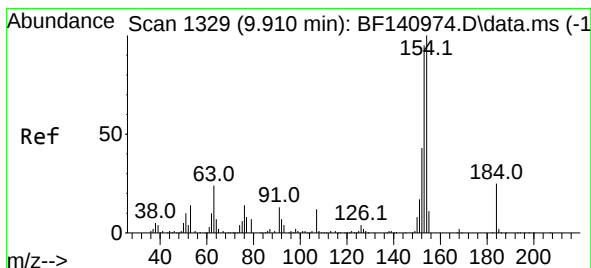
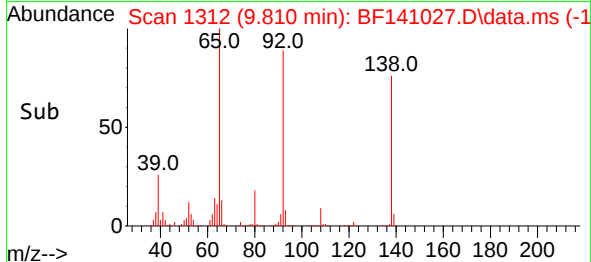
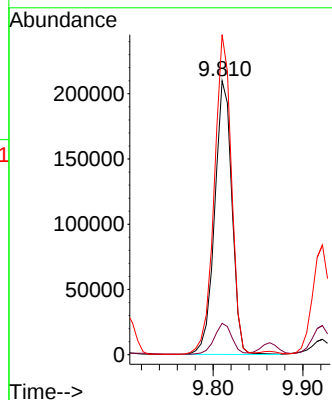
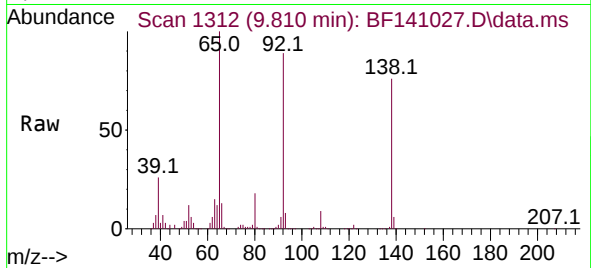




#53
3-Nitroaniline
Concen: 34.405 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141027.D
Acq: 30 Dec 2024 12:56

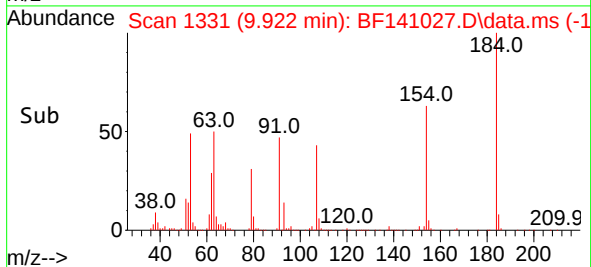
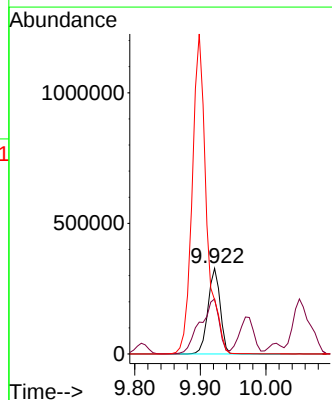
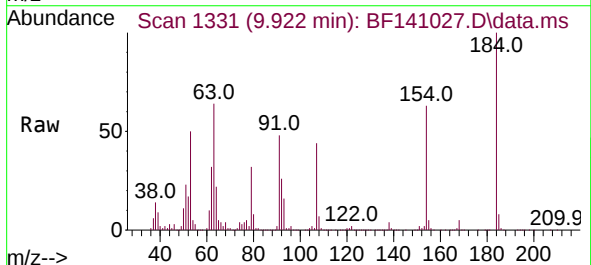
Instrument :
BNA_F
ClientSampleId :
PB165872BS

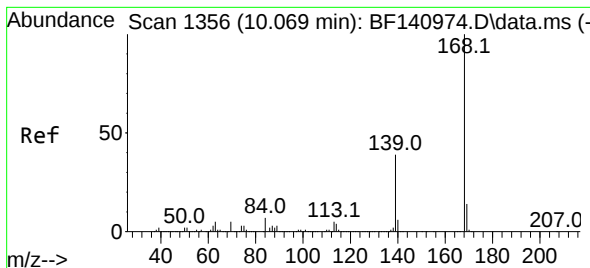
Tgt Ion:138 Resp: 279721
Ion Ratio Lower Upper
138 100
108 11.4 13.5 20.3#
92 116.8 97.7 146.5



#54
2,4-Dinitrophenol
Concen: 115.396 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.012 min
Lab File: BF141027.D
Acq: 30 Dec 2024 12:56

Tgt Ion:184 Resp: 426419
Ion Ratio Lower Upper
184 100
63 64.4 81.6 122.4#
154 63.1 363.5 545.3#

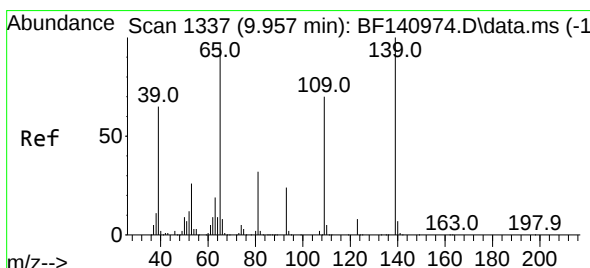
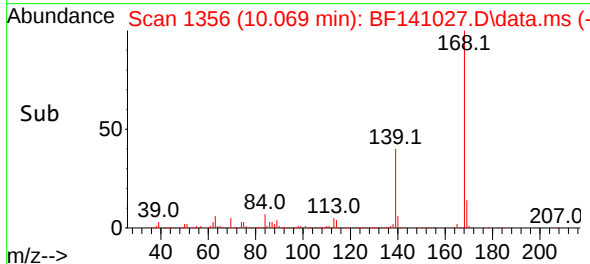
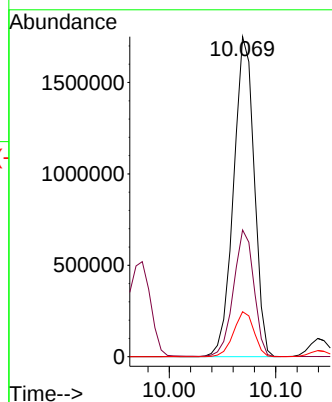
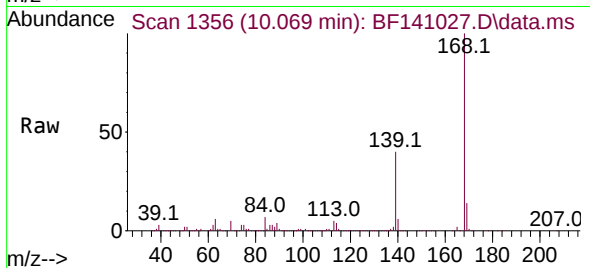




#55
Dibenzofuran
Concen: 50.502 ng
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141027.D
Acq: 30 Dec 2024 12:56

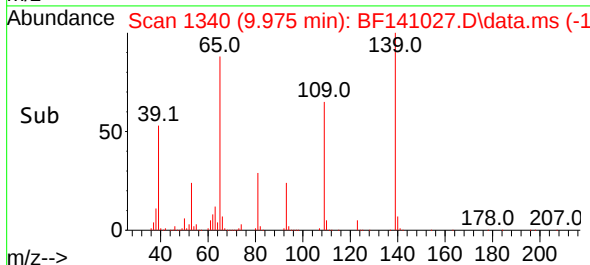
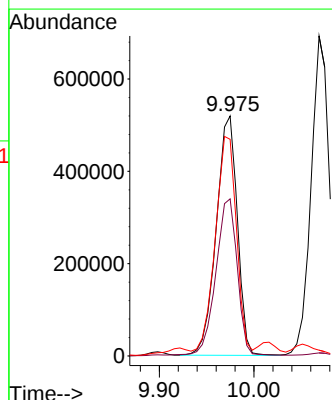
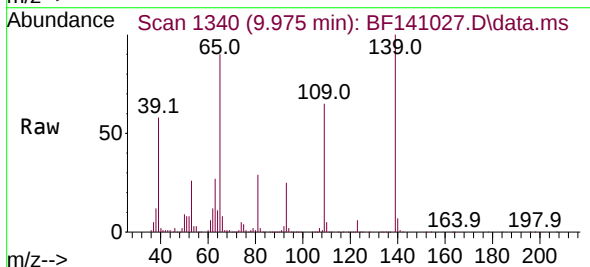
Instrument :
BNA_F
ClientSampleId :
PB165872BS

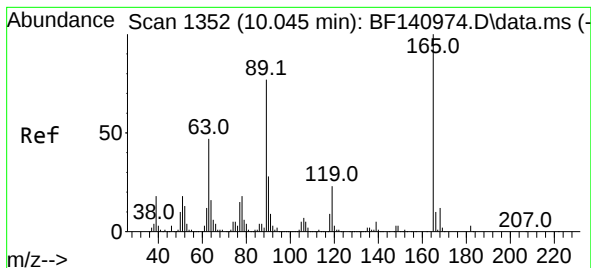
Tgt Ion:168 Resp: 2353874
Ion Ratio Lower Upper
168 100
139 39.6 31.6 47.4
169 14.1 11.0 16.6



#56
4-Nitrophenol
Concen: 124.344 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.018 min
Lab File: BF141027.D
Acq: 30 Dec 2024 12:56

Tgt Ion:139 Resp: 802883
Ion Ratio Lower Upper
139 100
109 65.5 50.8 90.8
65 90.3 78.5 118.5

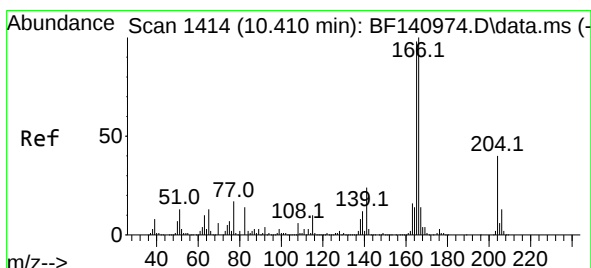
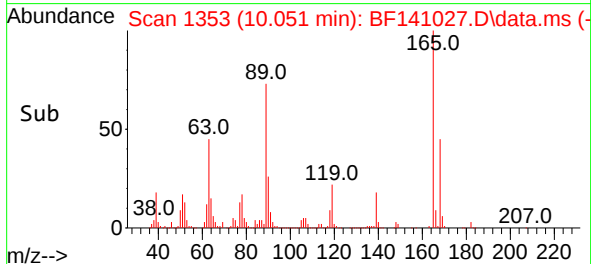
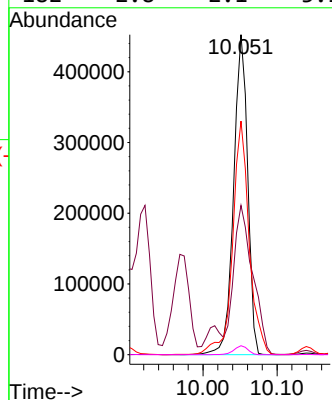
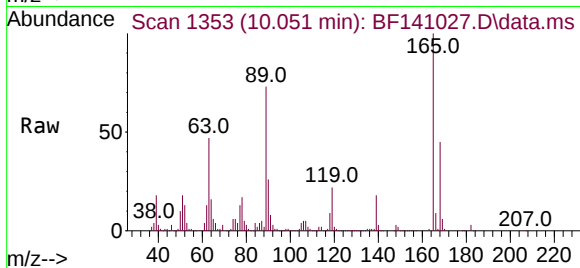




#57
2,4-Dinitrotoluene
Concen: 61.678 ng
RT: 10.051 min Scan# 1353
Delta R.T. 0.006 min
Lab File: BF141027.D
Acq: 30 Dec 2024 12:56

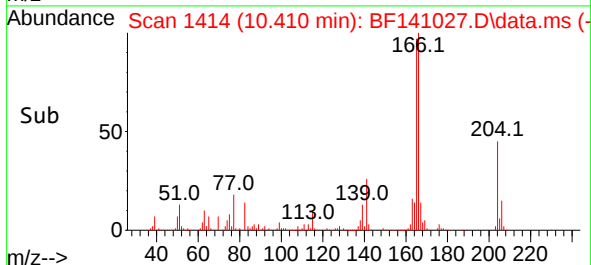
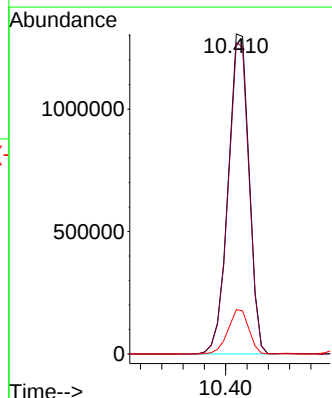
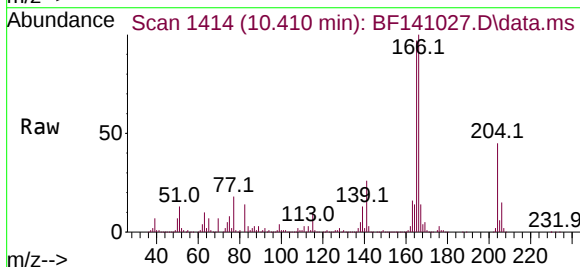
Instrument :
BNA_F
ClientSampleId :
PB165872BS

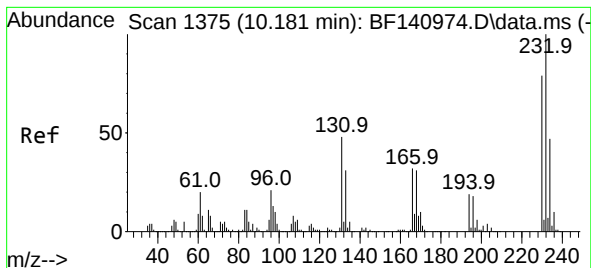
Tgt Ion:165 Resp: 594336
Ion Ratio Lower Upper
165 100
63 46.6 38.1 57.1
89 73.0 61.4 92.2
182 2.8 2.1 3.1



#58
Fluorene
Concen: 49.432 ng
RT: 10.410 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF141027.D
Acq: 30 Dec 2024 12:56

Tgt Ion:166 Resp: 1786650
Ion Ratio Lower Upper
166 100
165 97.2 78.3 117.5
167 13.9 10.9 16.3

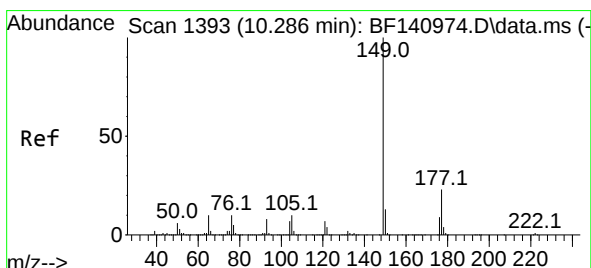
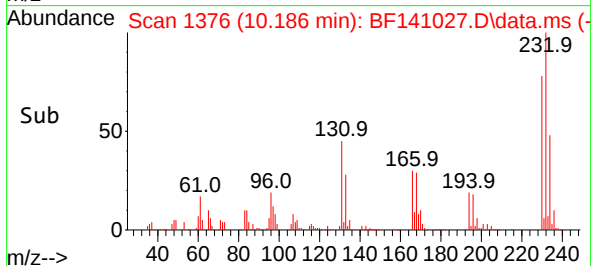
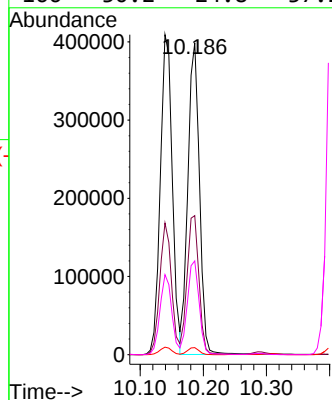
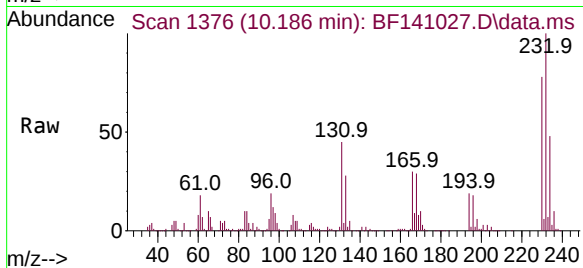




#59
2,3,4,6-Tetrachlorophenol
Concen: 57.437 ng
RT: 10.186 min Scan# 1375
Delta R.T. 0.006 min
Lab File: BF141027.D
Acq: 30 Dec 2024 12:56

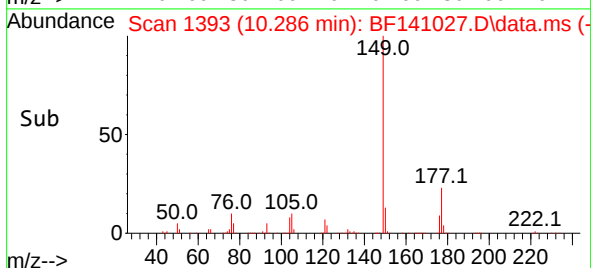
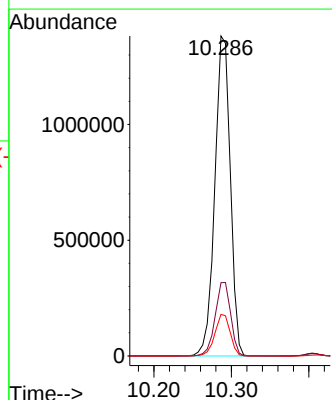
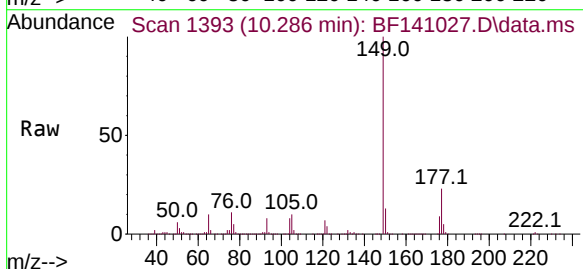
Instrument :
BNA_F
ClientSampleId :
PB165872BS

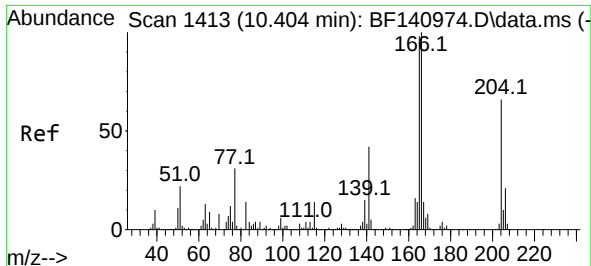
Tgt Ion:232 Resp: 511436
Ion Ratio Lower Upper
232 100
131 45.7 37.4 56.2
130 2.3 1.8 2.8
166 30.2 24.8 37.2



#60
Diethylphthalate
Concen: 51.450 ng
RT: 10.286 min Scan# 1393
Delta R.T. 0.000 min
Lab File: BF141027.D
Acq: 30 Dec 2024 12:56

Tgt Ion:149 Resp: 1917294
Ion Ratio Lower Upper
149 100
177 22.9 18.3 27.5
150 13.0 10.4 15.6

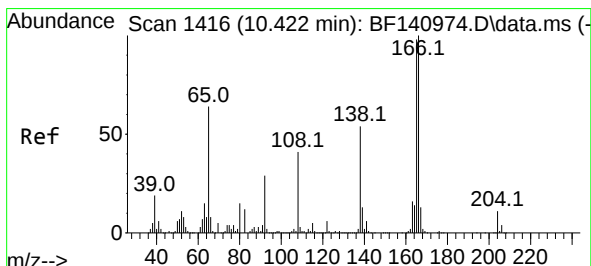
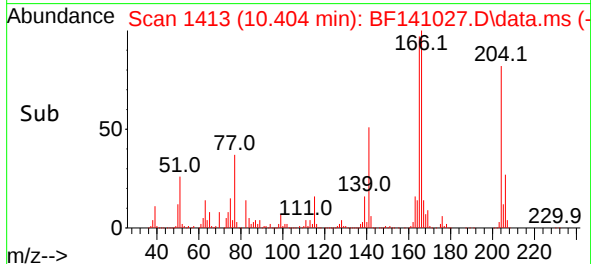
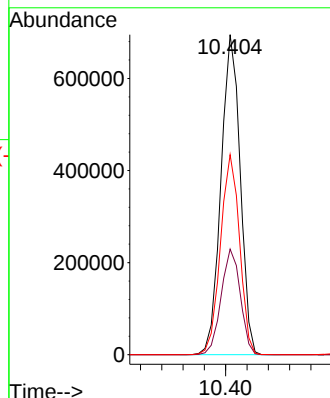
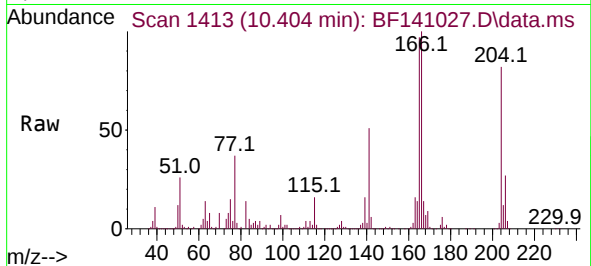




#61
4-Chlorophenyl-phenylether
Concen: 49.860 ng
RT: 10.404 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF141027.D
Acq: 30 Dec 2024 12:56

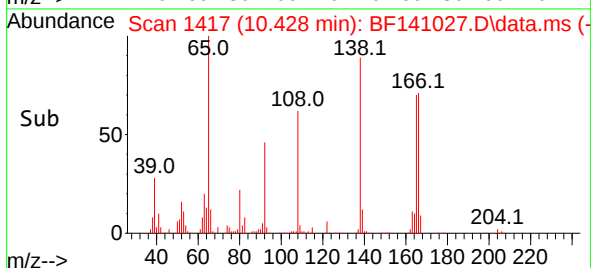
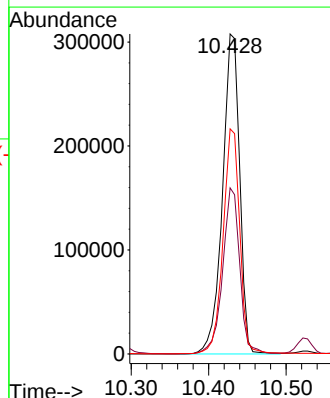
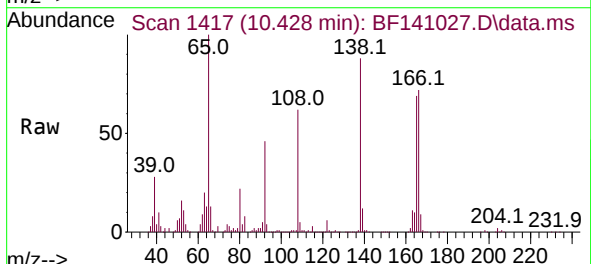
Instrument :
BNA_F
ClientSampleId :
PB165872BS

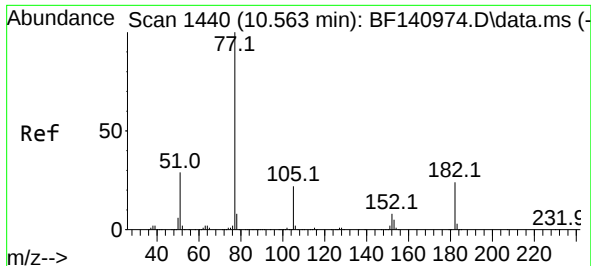
Tgt Ion:204 Resp: 867137
Ion Ratio Lower Upper
204 100
206 33.0 25.8 38.6
141 62.5 51.2 76.8



#62
4-Nitroaniline
Concen: 56.017 ng
RT: 10.428 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF141027.D
Acq: 30 Dec 2024 12:56

Tgt Ion:138 Resp: 473518
Ion Ratio Lower Upper
138 100
92 51.9 34.8 74.8
108 70.3 55.9 95.9



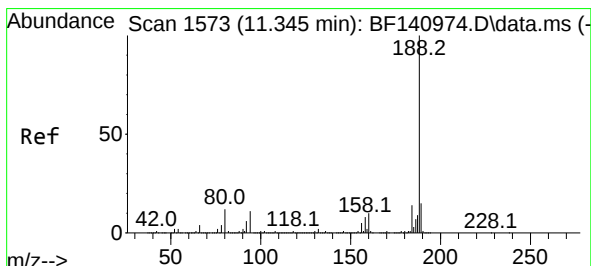
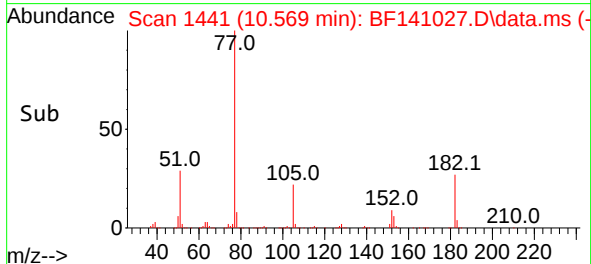
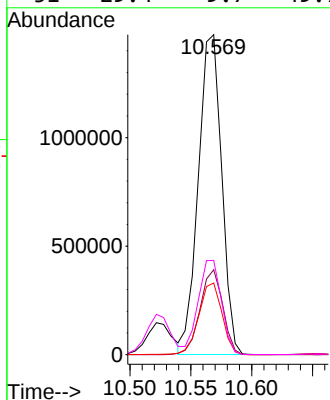
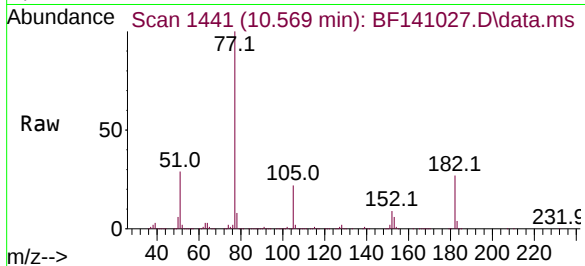


#63
Azobenzene
Concen: 50.287 ng
RT: 10.569 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF141027.D
Acq: 30 Dec 2024 12:56

Instrument :
BNA_F
ClientSampleId :
PB165872BS

Tgt Ion: 77 Resp: 1966964

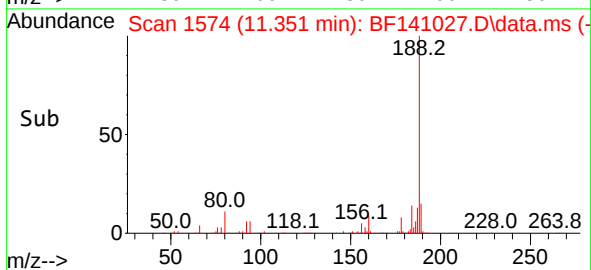
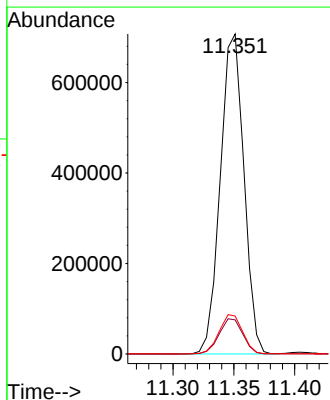
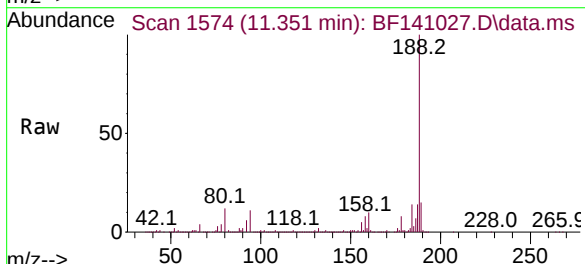
Ion	Ratio	Lower	Upper
77	100		
182	26.5	4.1	44.1
105	22.4	1.8	41.8
51	29.4	9.7	49.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1574
Delta R.T. 0.006 min
Lab File: BF141027.D
Acq: 30 Dec 2024 12:56

Tgt Ion: 188 Resp: 955460

Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.0	13.6
80	11.8	9.8	14.6

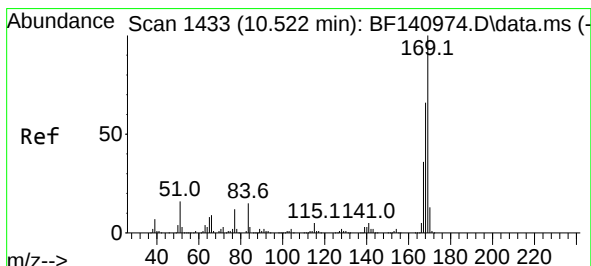
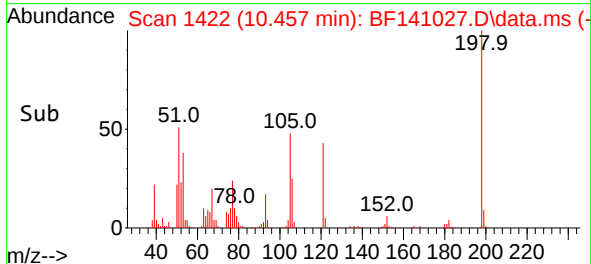
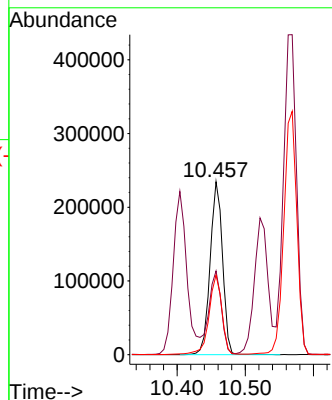
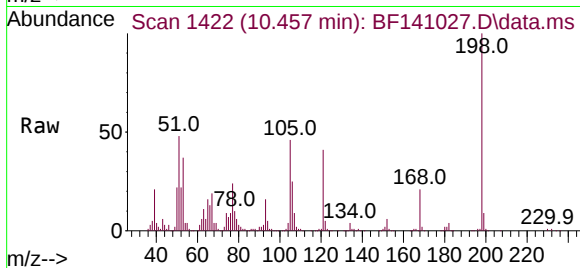




#65
4,6-Dinitro-2-methylphenol
Concen: 72.010 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF141027.D
Acq: 30 Dec 2024 12:56

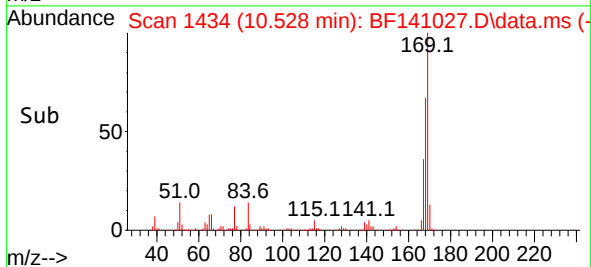
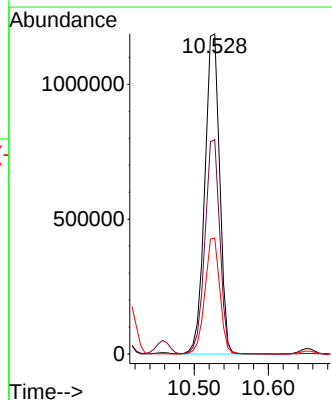
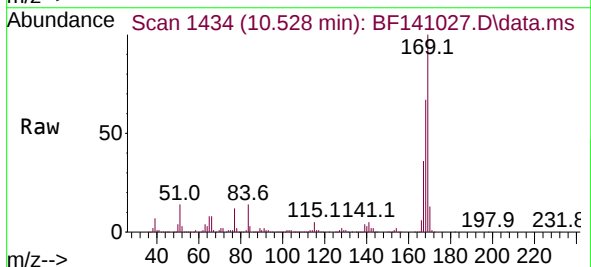
Instrument :
BNA_F
ClientSampleId :
PB165872BS

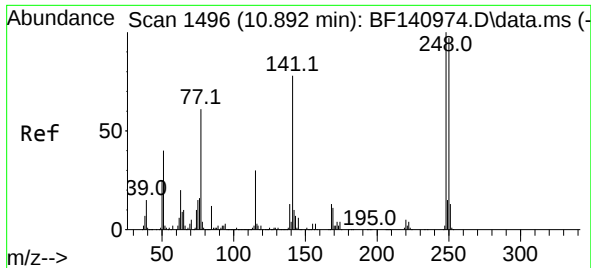
Tgt Ion:198 Resp: 296429
Ion Ratio Lower Upper
198 100
51 48.4 32.3 72.3
105 46.0 28.4 68.4



#66
n-Nitrosodiphenylamine
Concen: 54.827 ng
RT: 10.528 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF141027.D
Acq: 30 Dec 2024 12:56

Tgt Ion:169 Resp: 1649594
Ion Ratio Lower Upper
169 100
168 66.9 52.6 79.0
167 36.3 29.0 43.4

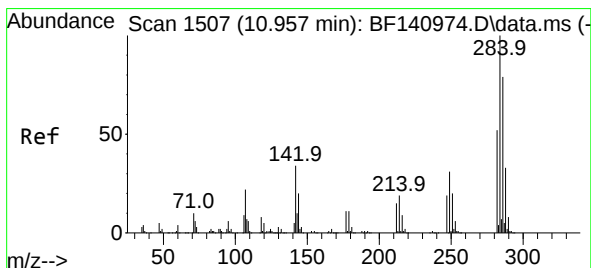
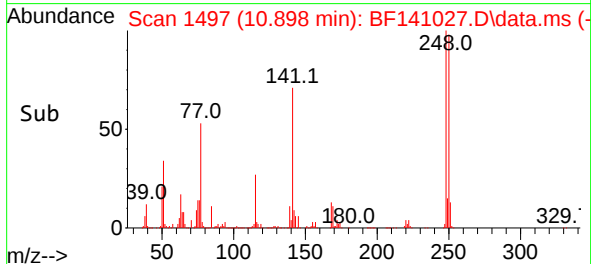
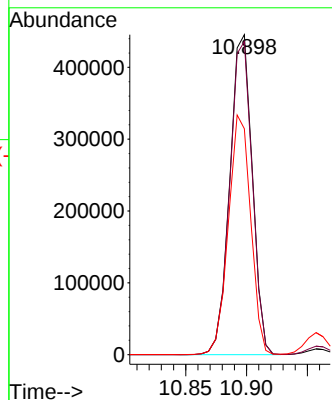
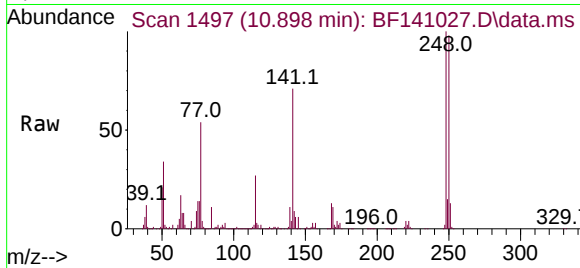




#67
4-Bromophenyl-phenylether
Concen: 55.447 ng
RT: 10.898 min Scan# 1496
Delta R.T. 0.006 min
Lab File: BF141027.D
Acq: 30 Dec 2024 12:56

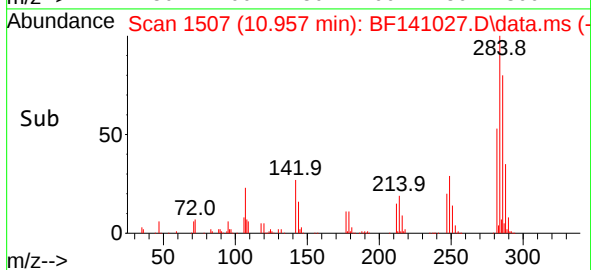
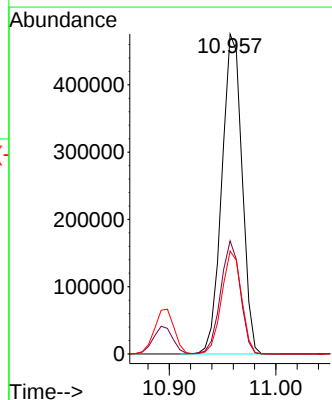
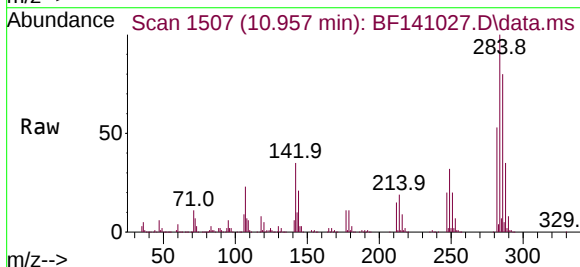
Instrument :
BNA_F
ClientSampleId :
PB165872BS

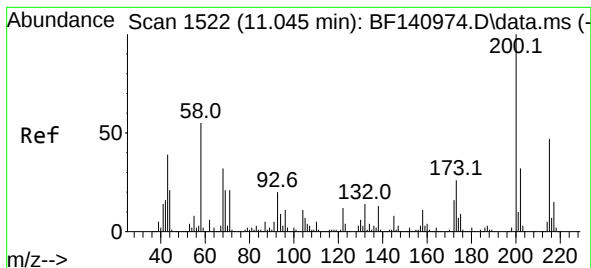
Tgt Ion:248 Resp: 572691
Ion Ratio Lower Upper
248 100
250 97.9 77.7 116.5
141 70.6 62.1 93.1



#68
Hexachlorobenzene
Concen: 54.817 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF141027.D
Acq: 30 Dec 2024 12:56

Tgt Ion:284 Resp: 624311
Ion Ratio Lower Upper
284 100
142 35.3 27.1 40.7
249 32.2 25.1 37.7





#69

Atrazine

Concen: 68.031 ng

RT: 11.051 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF141027.D

Acq: 30 Dec 2024 12:56

Instrument :

BNA_F

ClientSampleId :

PB165872BS

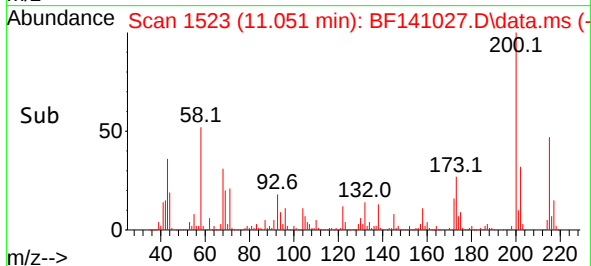
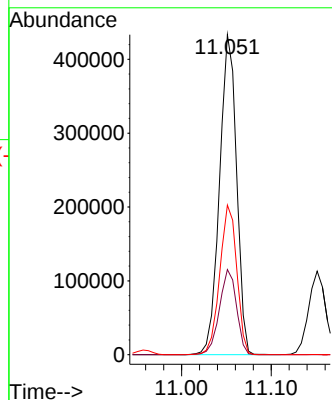
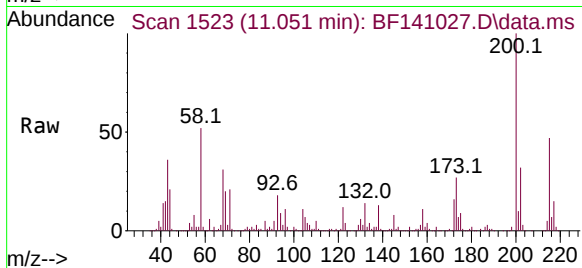
Tgt Ion:200 Resp: 571831

Ion Ratio Lower Upper

200 100

173 26.6 6.4 46.4

215 46.7 27.2 67.2



#70

Pentachlorophenol

Concen: 113.408 ng

RT: 11.151 min Scan# 1540

Delta R.T. 0.006 min

Lab File: BF141027.D

Acq: 30 Dec 2024 12:56

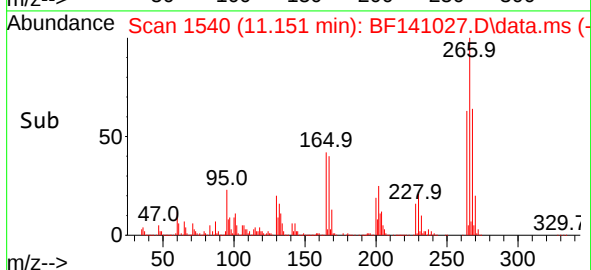
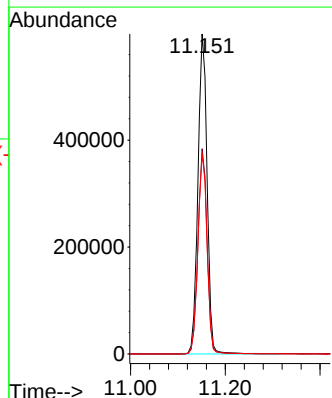
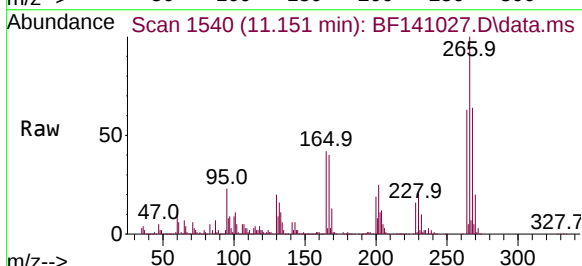
Tgt Ion:266 Resp: 804164

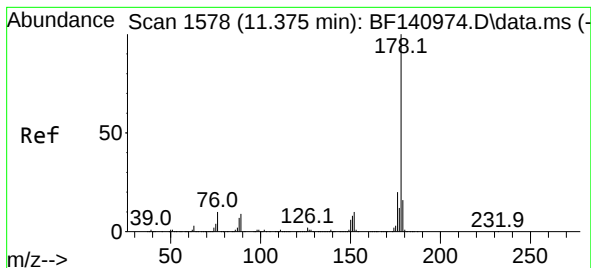
Ion Ratio Lower Upper

266 100

268 64.1 50.5 75.7

264 62.7 50.2 75.4





#71

Phenanthrene

Concen: 53.255 ng

RT: 11.375 min Scan# 1578

Delta R.T. 0.000 min

Lab File: BF141027.D

Acq: 30 Dec 2024 12:56

Instrument :

BNA_F

ClientSampleId :

PB165872BS

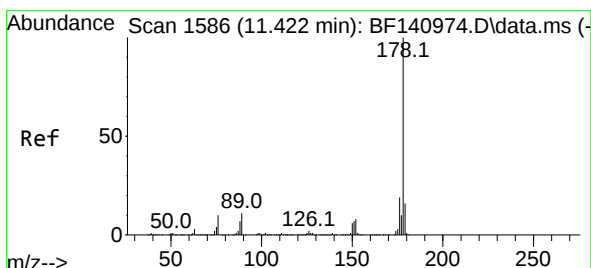
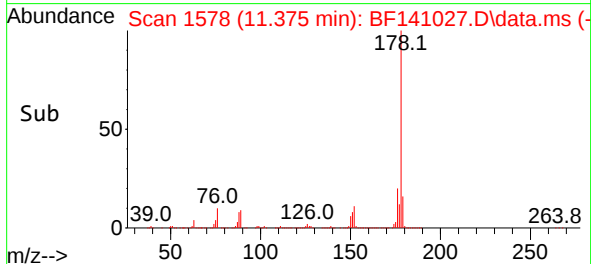
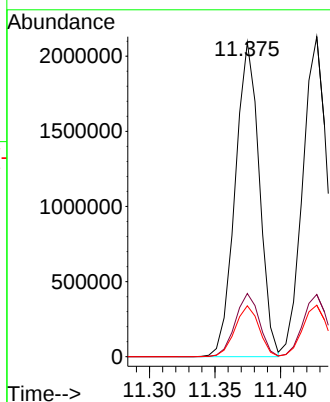
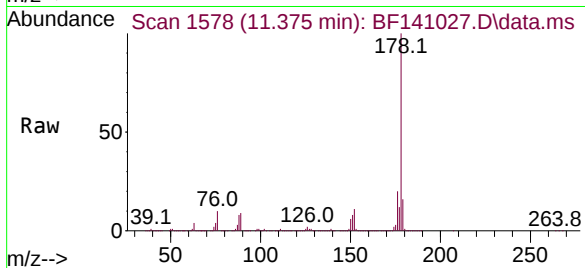
Tgt Ion:178 Resp: 2678025

Ion Ratio Lower Upper

178 100

176 20.1 15.8 23.6

179 16.2 12.6 19.0



#72

Anthracene

Concen: 55.737 ng

RT: 11.428 min Scan# 1587

Delta R.T. 0.006 min

Lab File: BF141027.D

Acq: 30 Dec 2024 12:56

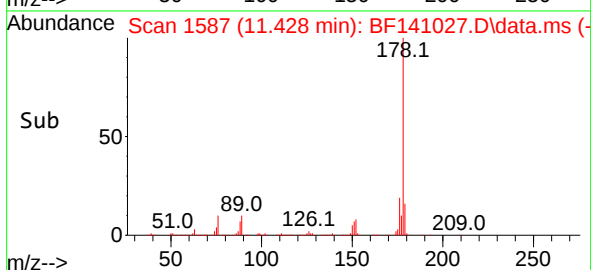
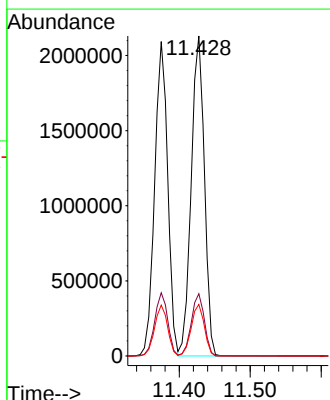
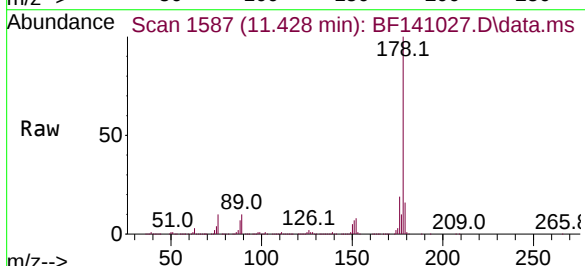
Tgt Ion:178 Resp: 2746425

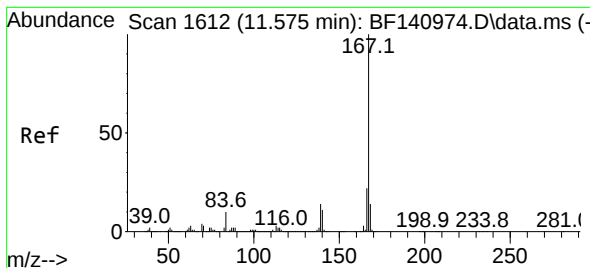
Ion Ratio Lower Upper

178 100

176 19.4 15.3 22.9

179 16.1 12.9 19.3





#73

Carbazole

Concen: 51.851 ng

RT: 11.580 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF141027.D

Acq: 30 Dec 2024 12:56

Instrument :

BNA_F

ClientSampleId :

PB165872BS

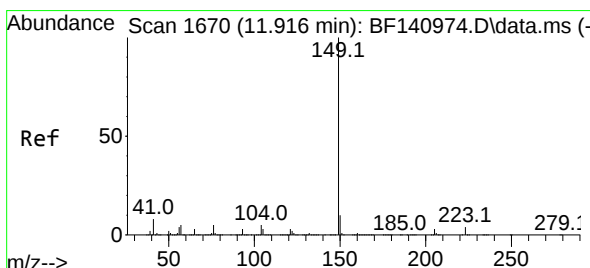
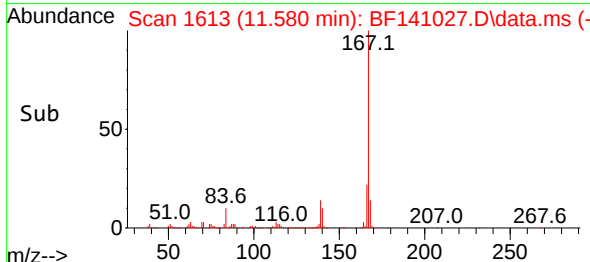
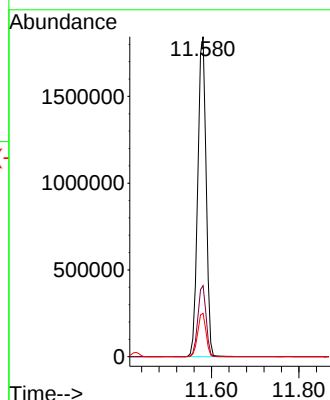
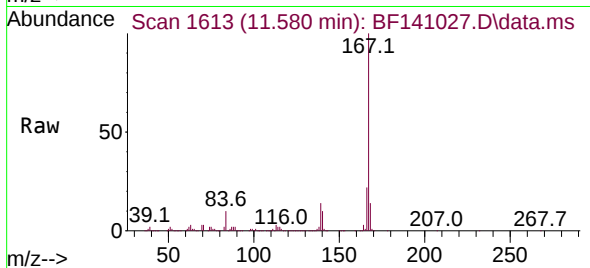
Tgt Ion:167 Resp: 2456104

Ion Ratio Lower Upper

167 100

166 22.2 17.5 26.3

139 13.6 11.0 16.4



#74

Di-n-butylphthalate

Concen: 53.699 ng

RT: 11.916 min Scan# 1670

Delta R.T. 0.000 min

Lab File: BF141027.D

Acq: 30 Dec 2024 12:56

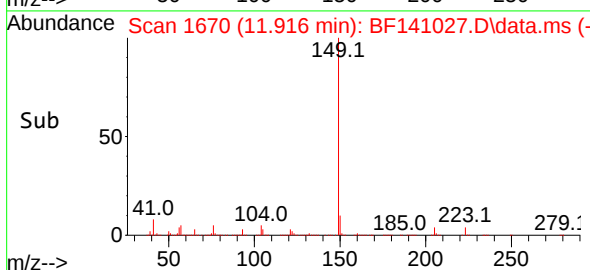
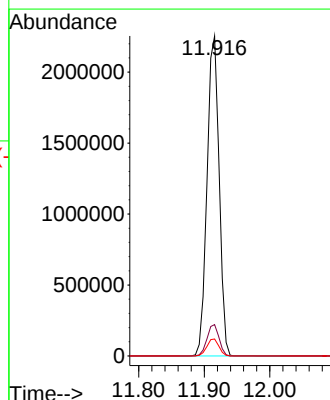
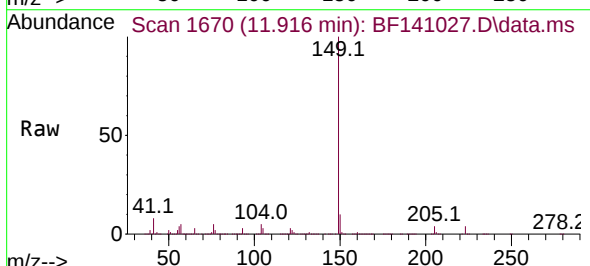
Tgt Ion:149 Resp: 2893152

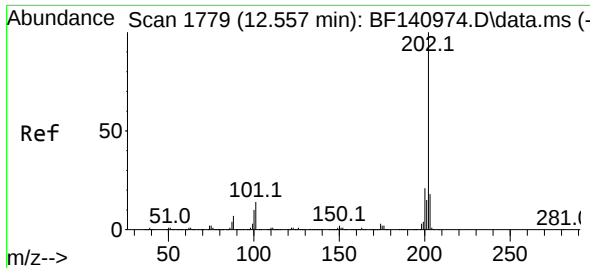
Ion Ratio Lower Upper

149 100

150 9.8 7.7 11.5

104 5.3 4.1 6.1

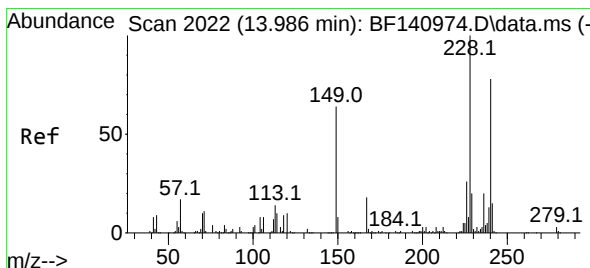
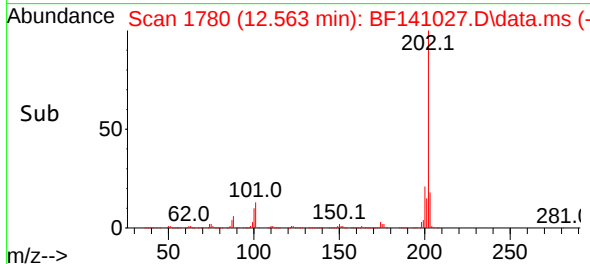
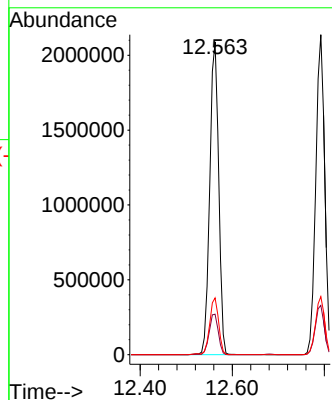
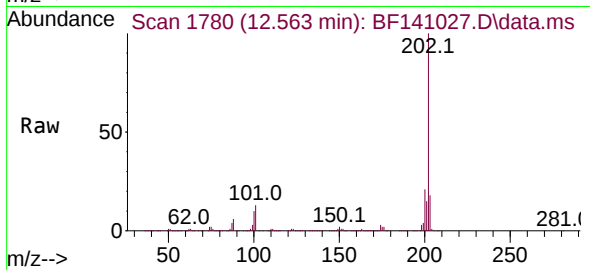




#75
Fluoranthene
Concen: 51.906 ng
RT: 12.563 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF141027.D
Acq: 30 Dec 2024 12:56

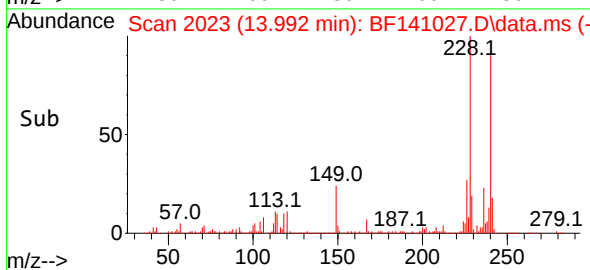
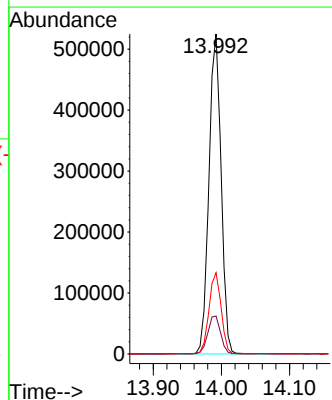
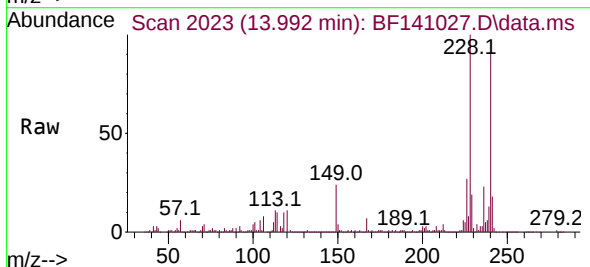
Instrument :
BNA_F
ClientSampleId :
PB165872BS

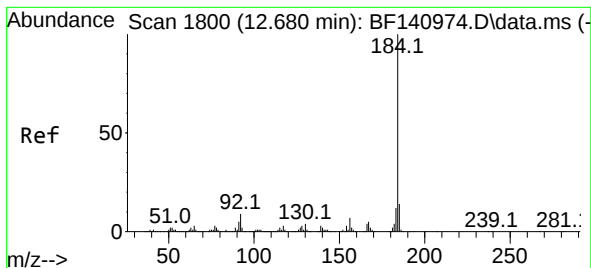
Tgt Ion:202 Resp: 2830931
Ion Ratio Lower Upper
202 100
101 12.9 0.0 33.7
203 18.2 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.006 min
Lab File: BF141027.D
Acq: 30 Dec 2024 12:56

Tgt Ion:240 Resp: 652372
Ion Ratio Lower Upper
240 100
120 11.9 10.7 16.1
236 25.4 20.6 31.0





#77

Benzidine

Concen: 54.142 ng

RT: 12.680 min Scan# 1800

Delta R.T. 0.000 min

Lab File: BF141027.D

Acq: 30 Dec 2024 12:56

Instrument :

BNA_F

ClientSampleId :

PB165872BS

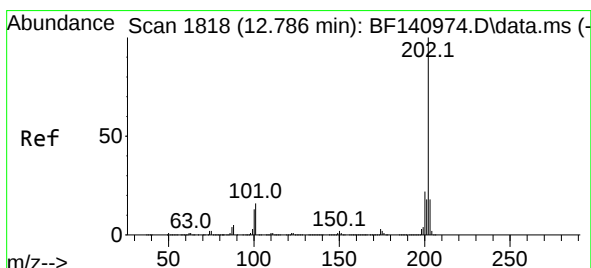
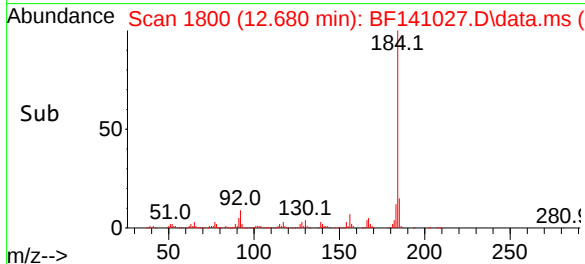
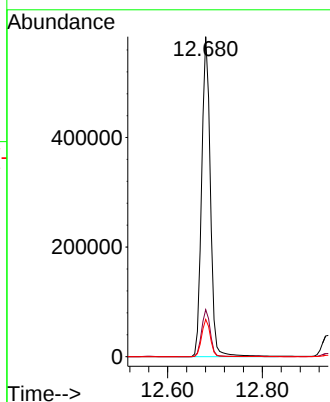
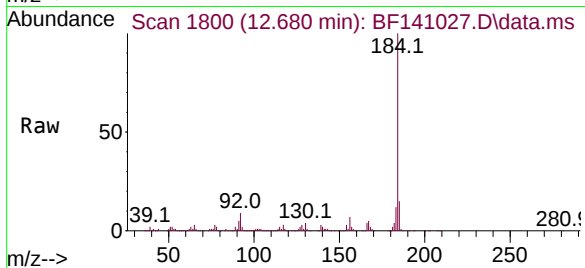
Tgt Ion:184 Resp: 746469

Ion Ratio Lower Upper

184 100

185 14.7 11.4 17.2

183 11.7 9.4 14.0



#78

Pyrene

Concen: 49.884 ng

RT: 12.792 min Scan# 1819

Delta R.T. 0.006 min

Lab File: BF141027.D

Acq: 30 Dec 2024 12:56

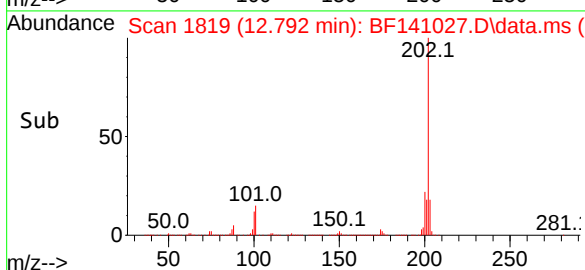
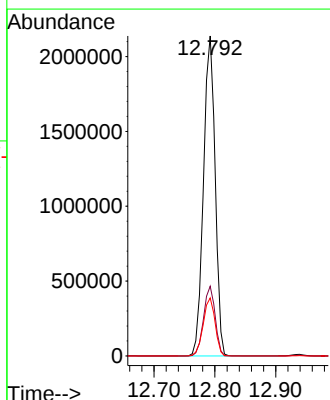
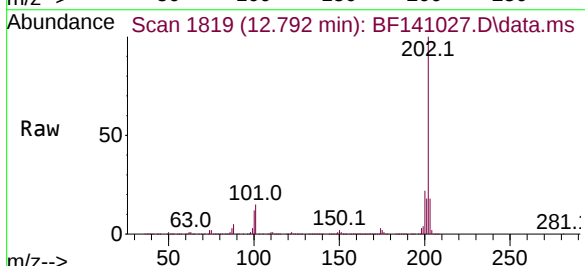
Tgt Ion:202 Resp: 2846136

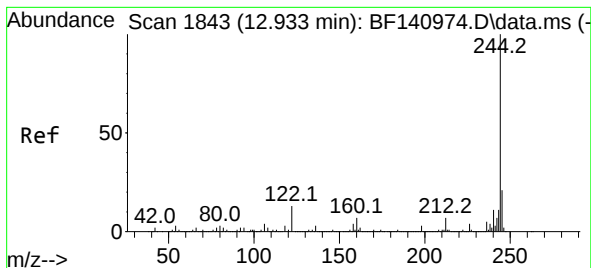
Ion Ratio Lower Upper

202 100

200 21.8 17.3 25.9

203 18.1 14.6 21.8





#79

Terphenyl-d14

Concen: 105.466 ng

RT: 12.939 min Scan# 1844

Delta R.T. 0.006 min

Lab File: BF141027.D

Acq: 30 Dec 2024 12:56

Instrument :

BNA_F

ClientSampleId :

PB165872BS

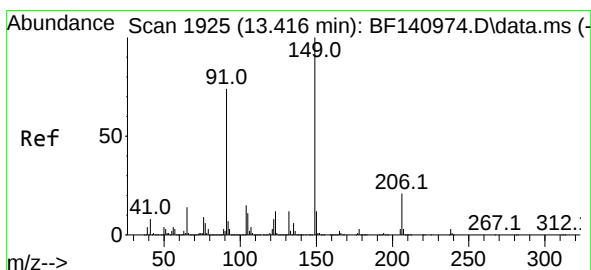
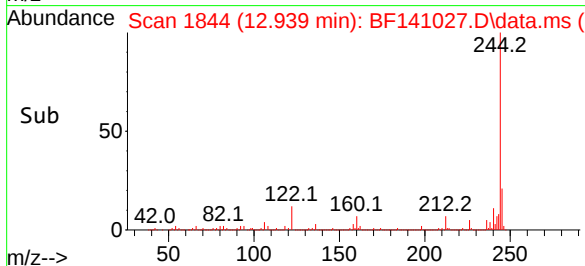
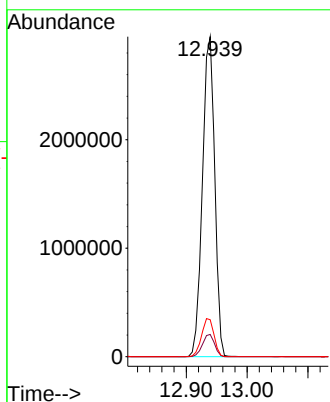
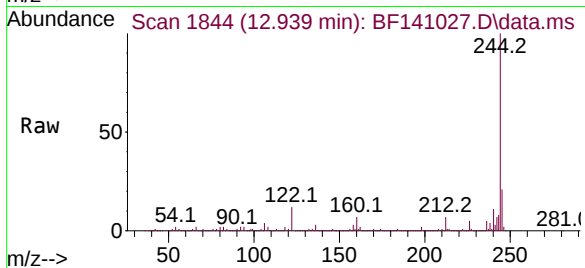
Tgt Ion:244 Resp: 4142261

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 11.6 10.2 15.2



#80

Butylbenzylphthalate

Concen: 53.619 ng

RT: 13.416 min Scan# 1925

Delta R.T. 0.000 min

Lab File: BF141027.D

Acq: 30 Dec 2024 12:56

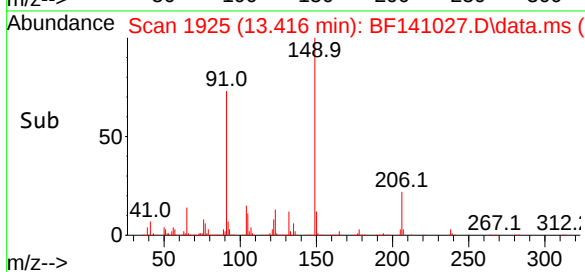
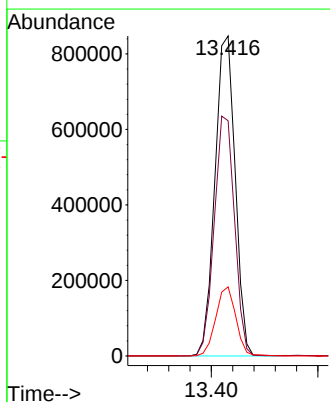
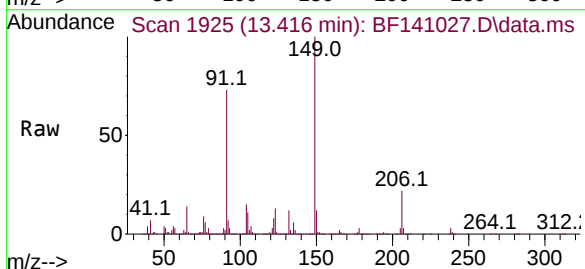
Tgt Ion:149 Resp: 1117078

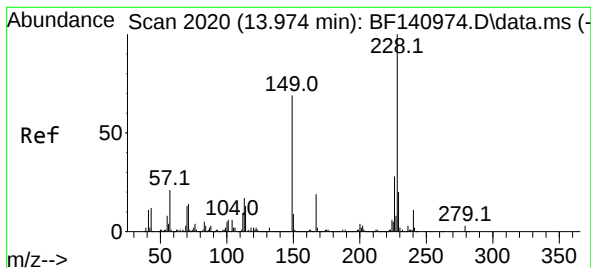
Ion Ratio Lower Upper

149 100

91 73.5 59.5 89.3

206 21.6 17.1 25.7





#81

Benzo(a)anthracene

Concen: 49.113 ng

RT: 13.980 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF141027.D

Acq: 30 Dec 2024 12:56

Instrument :

BNA_F

ClientSampleId :

PB165872BS

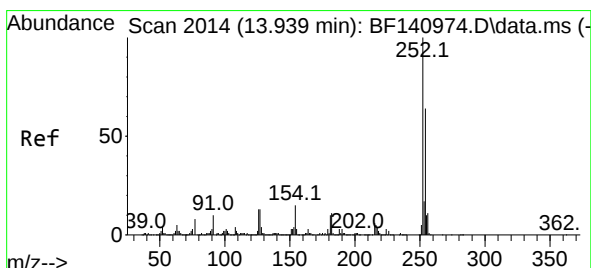
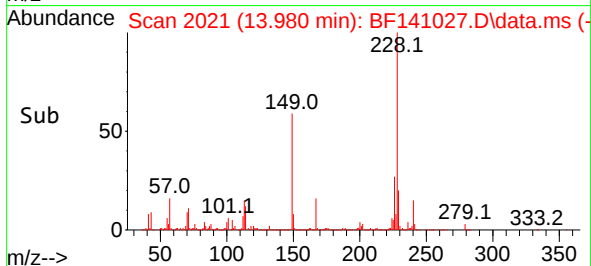
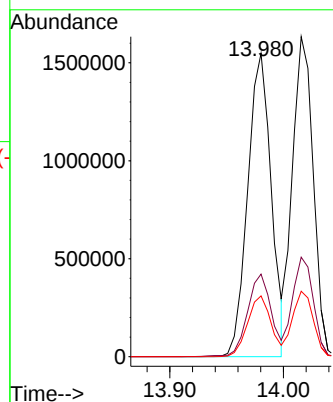
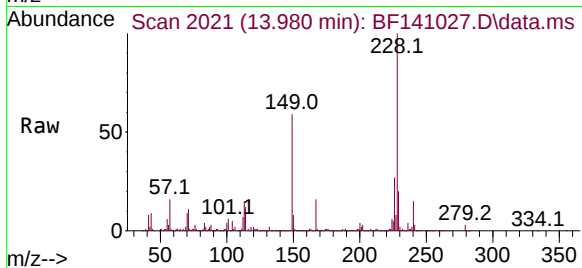
Tgt Ion:228 Resp: 2232992

Ion Ratio Lower Upper

228 100

226 27.2 22.1 33.1

229 20.0 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 32.030 ng

RT: 13.939 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF141027.D

Acq: 30 Dec 2024 12:56

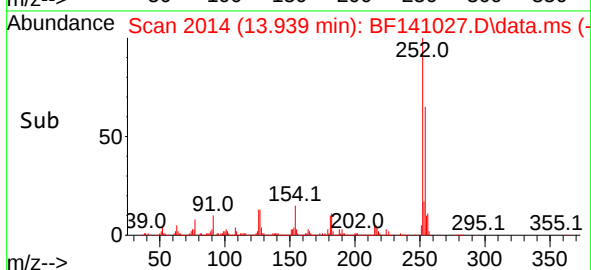
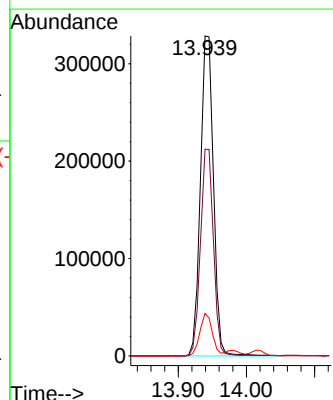
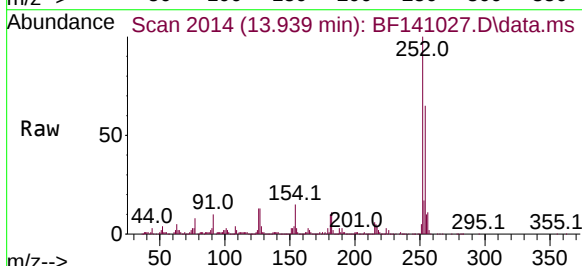
Tgt Ion:252 Resp: 437532

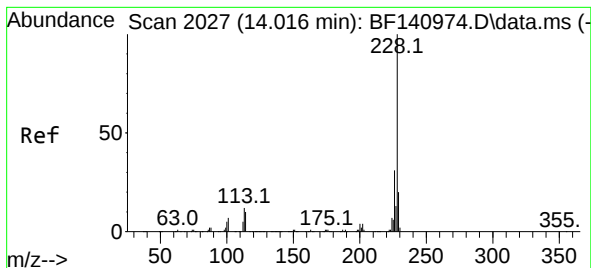
Ion Ratio Lower Upper

252 100

254 64.6 51.5 77.3

126 13.3 10.3 15.5





#83

Chrysene

Concen: 50.816 ng

RT: 14.016 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF141027.D

Acq: 30 Dec 2024 12:56

Instrument :

BNA_F

ClientSampleId :

PB165872BS

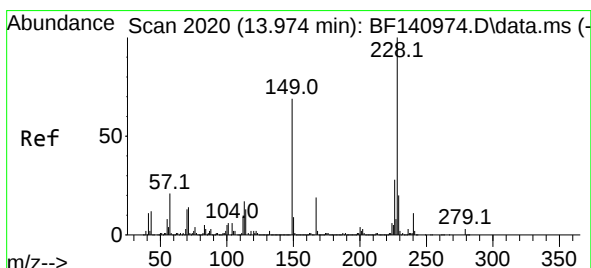
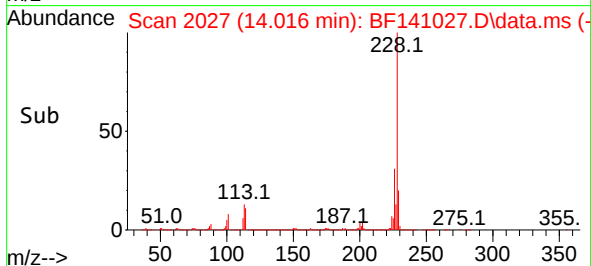
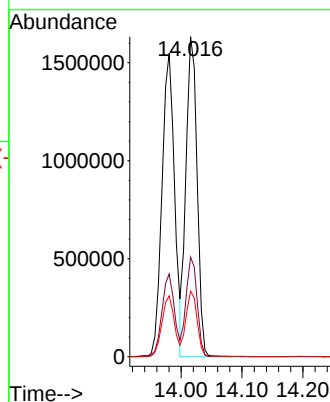
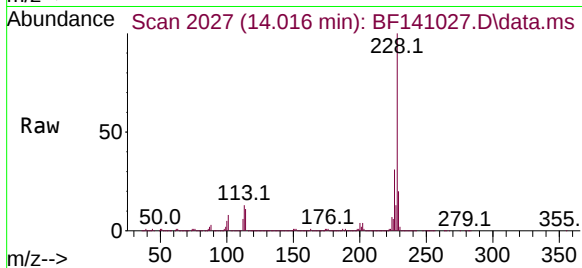
Tgt Ion:228 Resp: 2082787

Ion Ratio Lower Upper

228 100

226 31.1 24.5 36.7

229 20.5 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.684 ng

RT: 13.974 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF141027.D

Acq: 30 Dec 2024 12:56

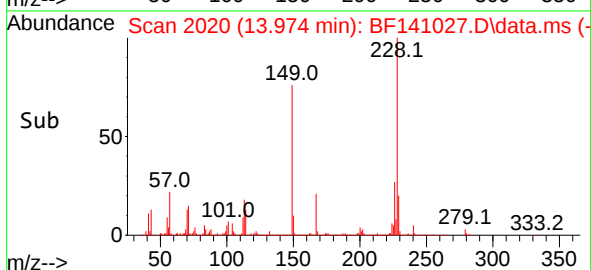
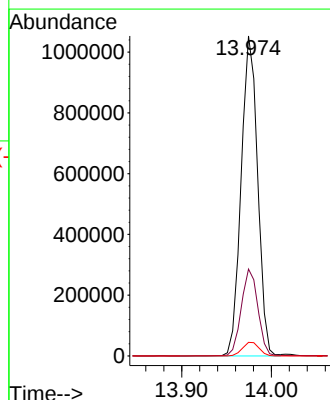
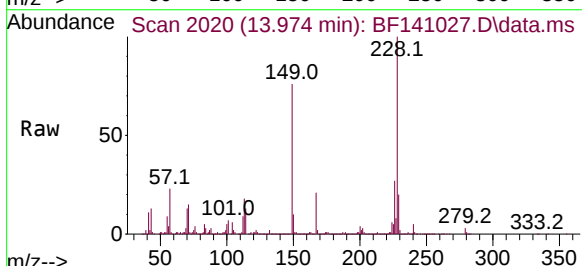
Tgt Ion:149 Resp: 1342679

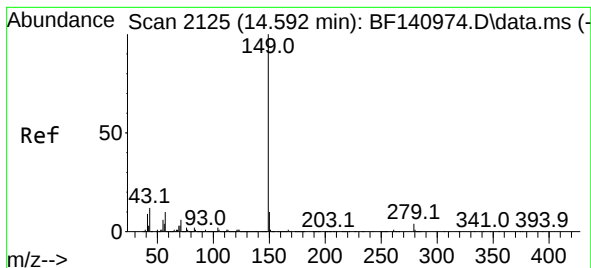
Ion Ratio Lower Upper

149 100

167 27.2 21.6 32.4

279 4.3 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 56.020 ng

RT: 14.598 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF141027.D

Acq: 30 Dec 2024 12:56

Instrument :

BNA_F

ClientSampleId :

PB165872BS

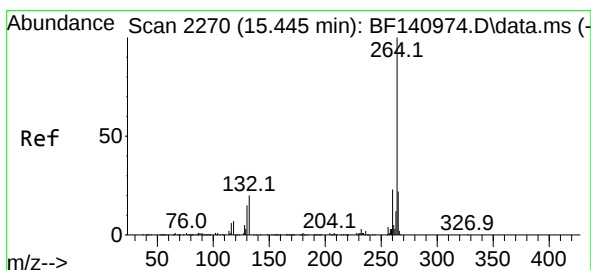
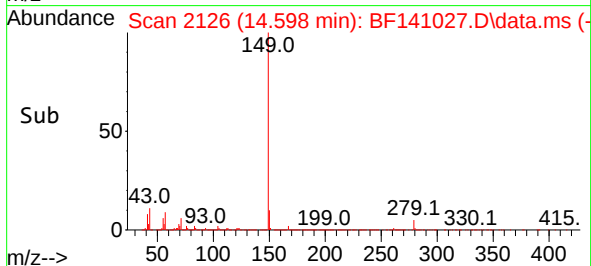
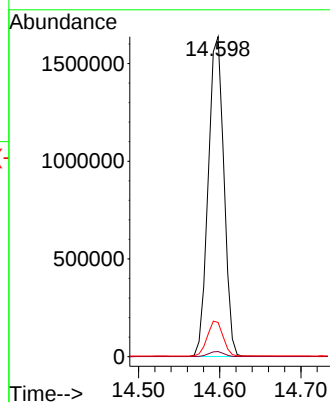
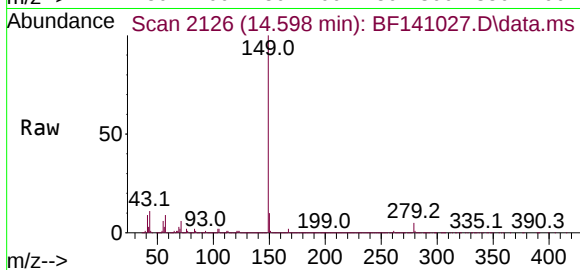
Tgt Ion:149 Resp: 2191158

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.9 9.3 13.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2271

Delta R.T. 0.006 min

Lab File: BF141027.D

Acq: 30 Dec 2024 12:56

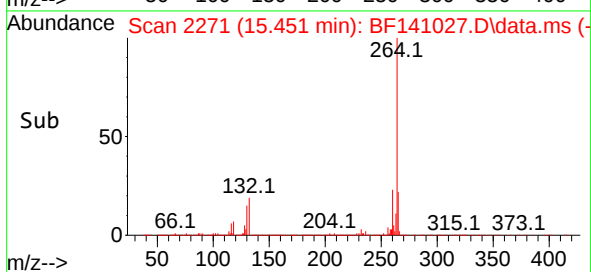
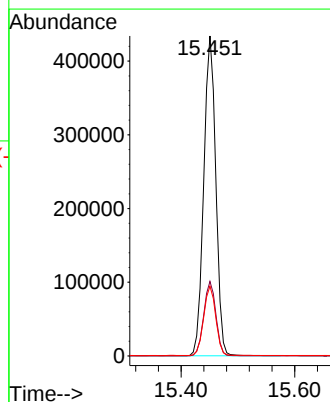
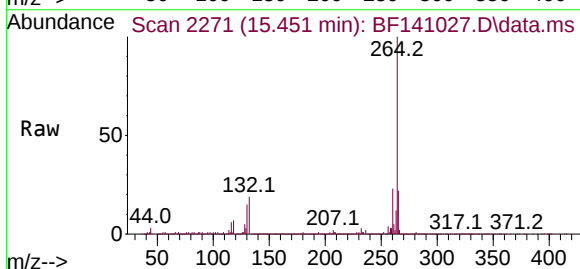
Tgt Ion:264 Resp: 637255

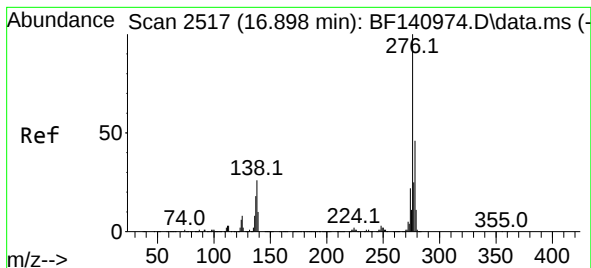
Ion Ratio Lower Upper

264 100

260 23.3 18.7 28.1

265 21.8 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 58.087 ng

RT: 16.910 min Scan# 2199

Delta R.T. 0.012 min

Lab File: BF141027.D

Acq: 30 Dec 2024 12:56

Instrument :

BNA_F

ClientSampleId :

PB165872BS

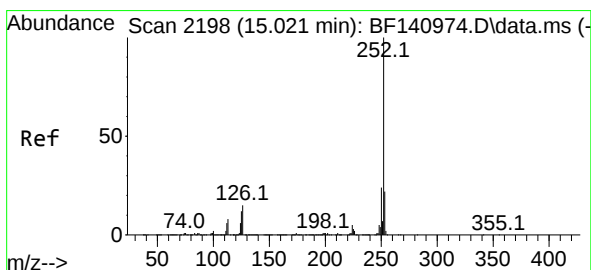
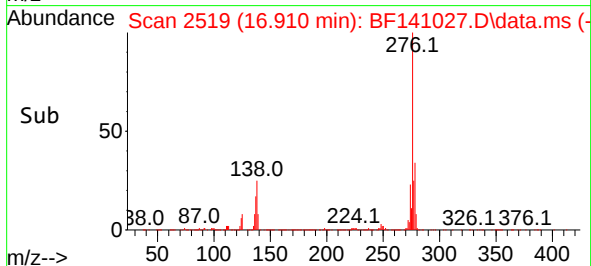
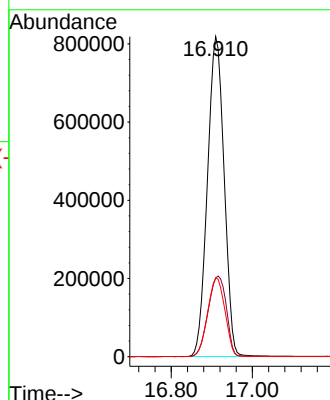
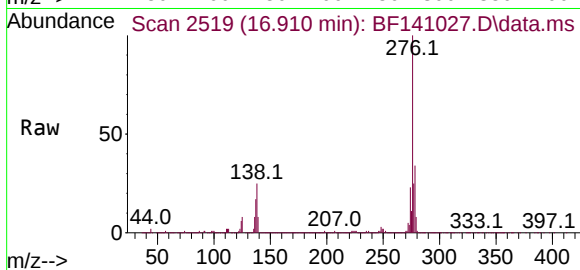
Tgt Ion:276 Resp: 2332092

Ion Ratio Lower Upper

276 100

138 27.5 23.1 34.7

277 25.5 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 49.386 ng

RT: 15.027 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF141027.D

Acq: 30 Dec 2024 12:56

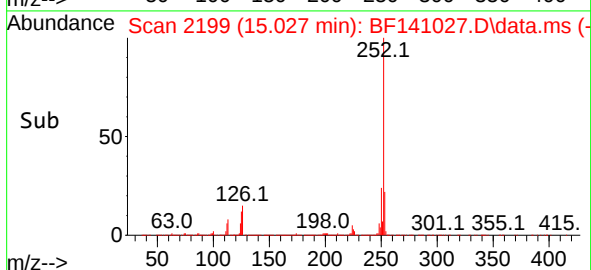
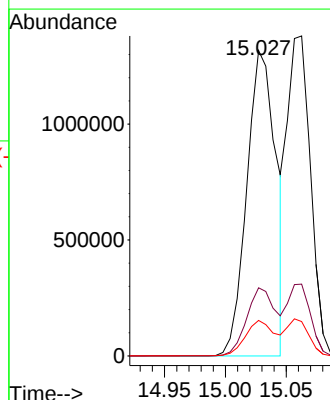
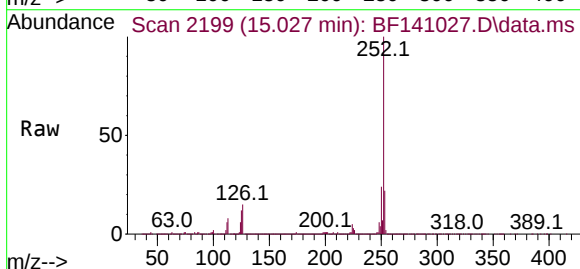
Tgt Ion:252 Resp: 2194932

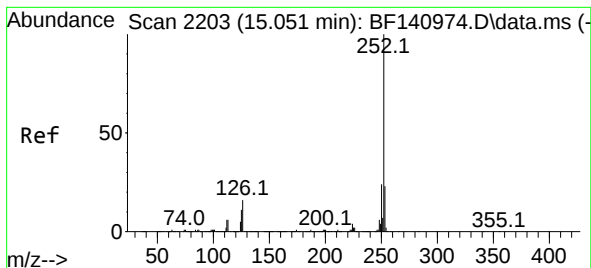
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 11.6 9.3 13.9





#89

Benzo(k)fluoranthene

Concen: 53.043 ng

RT: 15.063 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF141027.D

Acq: 30 Dec 2024 12:56

Instrument :

BNA_F

ClientSampleId :

PB165872BS

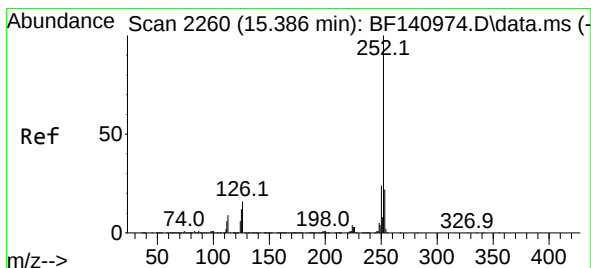
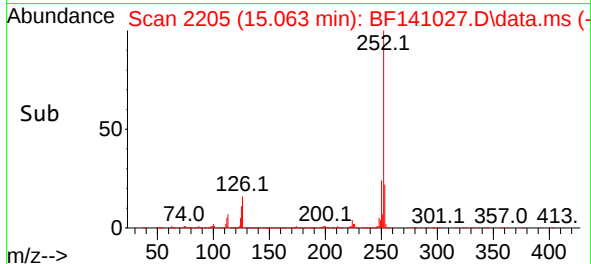
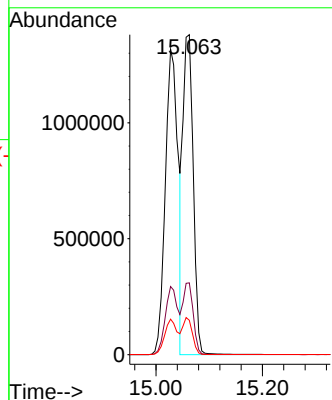
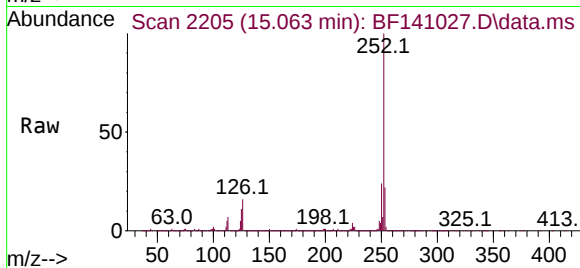
Tgt Ion:252 Resp: 1847717

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

125 10.8 9.4 14.0



#90

Benzo(a)pyrene

Concen: 56.089 ng

RT: 15.392 min Scan# 2261

Delta R.T. 0.006 min

Lab File: BF141027.D

Acq: 30 Dec 2024 12:56

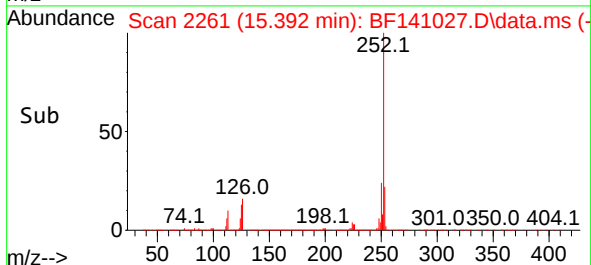
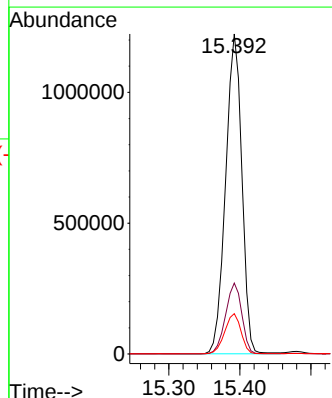
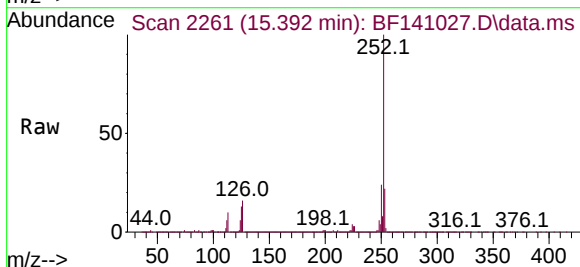
Tgt Ion:252 Resp: 1934902

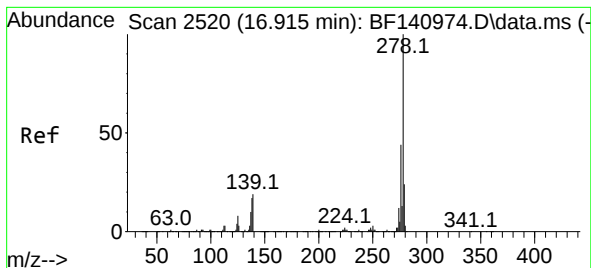
Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

125 12.6 9.8 14.8

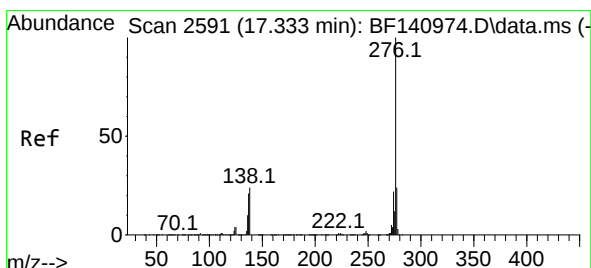
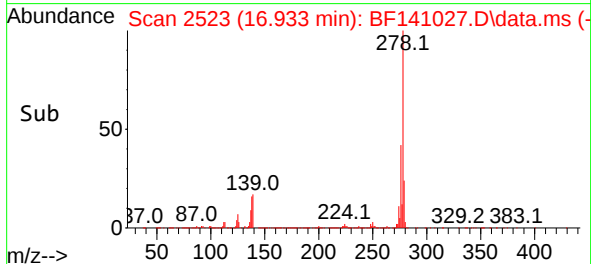
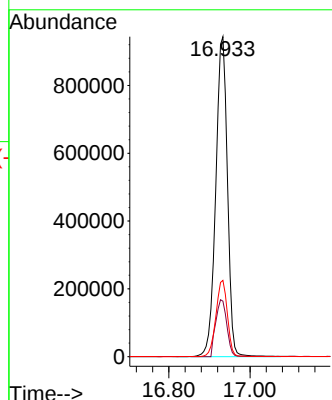
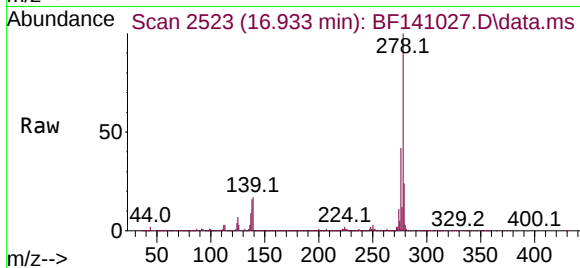




#91
Dibenzo(a,h)anthracene
Concen: 57.673 ng
RT: 16.933 min Scan# 2520
Delta R.T. 0.018 min
Lab File: BF141027.D
Acq: 30 Dec 2024 12:56

Instrument :
BNA_F
ClientSampleId :
PB165872BS

Tgt Ion:278 Resp: 1876953
Ion Ratio Lower Upper
278 100
139 17.4 14.9 22.3
279 23.9 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 52.483 ng
RT: 17.351 min Scan# 2594
Delta R.T. 0.018 min
Lab File: BF141027.D
Acq: 30 Dec 2024 12:56

Tgt Ion:276 Resp: 1771546
Ion Ratio Lower Upper
276 100
277 24.1 19.0 28.4
138 24.1 19.4 29.2

