

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
 Data File : BF141023.D
 Acq On : 30 Dec 2024 11:10
 Operator : RC/JU
 Sample : PB165875BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165875BS

Quant Time: Dec 30 11:34:50 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	257073	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	1028057	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	552137	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	907991	20.000	ng	0.00
76) Chrysene-d12	13.992	240	558420	20.000	ng	0.00
86) Perylene-d12	15.445	264	562877	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	2411497	141.401	ng	0.02
7) Phenol-d6	6.457	99	3055766	139.091	ng	0.00
23) Nitrobenzene-d5	7.392	82	1880357	117.018	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	918323	171.164	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	3408154	98.345	ng	0.00
79) Terphenyl-d14	12.939	244	3673996	109.281	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.657	88	308611	39.970	ng 98
3) Pyridine	3.399	79	834327	44.217	ng 99
4) n-Nitrosodimethylamine	3.346	42	440671	46.093	ng 99
6) Aniline	6.492	93	891615	45.505	ng 99
8) 2-Chlorophenol	6.610	128	906621	50.422	ng 99
9) Benzaldehyde	6.375	77	169903	9.512	ng 97
10) Phenol	6.469	94	1128357	49.670	ng 95
11) bis(2-Chloroethyl)ether	6.569	93	857549	46.752	ng 98
12) 1,3-Dichlorobenzene	6.769	146	928638	46.798	ng 99
13) 1,4-Dichlorobenzene	6.845	146	935046	46.743	ng 100
14) 1,2-Dichlorobenzene	6.998	146	892654	47.861	ng 99
15) Benzyl Alcohol	6.969	79	786266	49.803	ng 99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1355786	48.875	ng 99
17) 2-Methylphenol	7.081	107	737109	49.345	ng 100
18) Hexachloroethane	7.345	117	342154	48.149	ng 98
19) n-Nitroso-di-n-propyla...	7.245	70	648762	48.202	ng 99
20) 3+4-Methylphenols	7.234	107	898466	47.530	ng # 85
22) Acetophenone	7.239	105	1187192	47.074	ng 98
24) Nitrobenzene	7.410	77	924988	51.516	ng 98
25) Isophorone	7.651	82	1724028	49.305	ng 99
26) 2-Nitrophenol	7.728	139	411640	55.065	ng 99
27) 2,4-Dimethylphenol	7.763	122	729167	57.058	ng 99
28) bis(2-Chloroethoxy)met...	7.863	93	1054074	47.578	ng 99
29) 2,4-Dichlorophenol	7.963	162	731221	50.451	ng 99
30) 1,2,4-Trichlorobenzene	8.051	180	762780	46.498	ng 100
31) Naphthalene	8.134	128	2532438	46.748	ng 100
32) Benzoic acid	7.875	122	519106	49.142	ng 97
33) 4-Chloroaniline	8.175	127	424042	21.637	ng 100
34) Hexachlorobutadiene	8.251	225	460560	47.623	ng 99
35) Caprolactam	8.545	113	140535	28.522	ng 96
36) 4-Chloro-3-methylphenol	8.657	107	782151	48.593	ng 98
37) 2-Methylnaphthalene	8.822	142	1677486	48.404	ng 99
38) 1-Methylnaphthalene	8.922	142	1554362	45.637	ng 100
40) 1,2,4,5-Tetrachloroben...	8.986	216	734191	48.334	ng 99
41) Hexachlorocyclopentadiene	8.975	237	891051	177.014	ng 99
43) 2,4,6-Trichlorophenol	9.098	196	528857	52.312	ng 100

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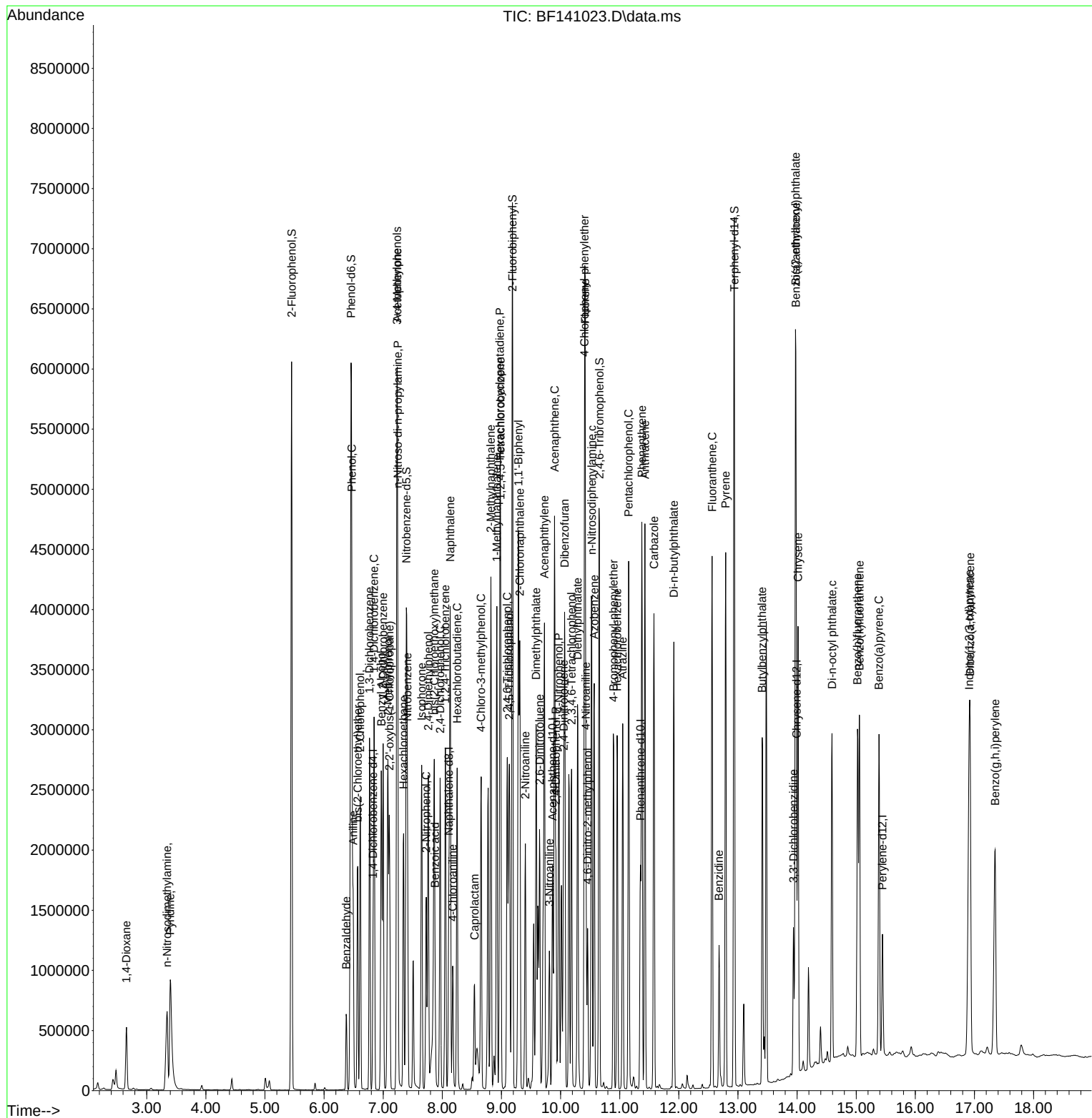
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	524378	50.693	ng	99
46) 1,1'-Biphenyl	9.286	154	2025360	47.907	ng	100
47) 2-Chloronaphthalene	9.310	162	1530113	46.666	ng	100
48) 2-Nitroaniline	9.404	65	478338	55.014	ng	96
49) Acenaphthylene	9.728	152	2386655	50.564	ng	100
50) Dimethylphthalate	9.586	163	1811270	49.873	ng	100
51) 2,6-Dinitrotoluene	9.645	165	386684	51.889	ng	99
52) Acenaphthene	9.898	154	1703903	53.397	ng	99
53) 3-Nitroaniline	9.810	138	243895	31.486	ng	# 96
54) 2,4-Dinitrophenol	9.922	184	346999	103.511	ng	# 1
55) Dibenzofuran	10.069	168	2164238	48.261	ng	100
56) 4-Nitrophenol	9.969	139	687448	110.657	ng	99
57) 2,4-Dinitrotoluene	10.051	165	527679	57.263	ng	97
58) Fluorene	10.416	166	1647245	47.369	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	466322	54.432	ng	98
60) Diethylphthalate	10.286	149	1758261	49.039	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	802445	47.956	ng	99
62) 4-Nitroaniline	10.428	138	415682	51.404	ng	94
63) Azobenzene	10.569	77	1817459	48.294	ng	98
65) 4,6-Dinitro-2-methylph...	10.457	198	240736	62.897	ng	98
66) n-Nitrosodiphenylamine	10.528	169	1500926	52.494	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	529630	53.958	ng	96
68) Hexachlorobenzene	10.957	284	567796	52.461	ng	97
69) Atrazine	11.051	200	512817	64.200	ng	99
70) Pentachlorophenol	11.151	266	716578	106.339	ng	100
71) Phenanthrene	11.374	178	2479684	51.889	ng	100
72) Anthracene	11.427	178	2506325	53.523	ng	100
73) Carbazole	11.580	167	2202555	48.929	ng	100
74) Di-n-butylphthalate	11.916	149	2609386	50.964	ng	100
75) Fluoranthene	12.563	202	2498957	48.215	ng	99
77) Benzidine	12.680	184	632772	53.617	ng	99
78) Pyrene	12.792	202	2501956	51.229	ng	100
80) Butylbenzylphthalate	13.410	149	923506	51.785	ng	98
81) Benzo(a)anthracene	13.980	228	1858862	47.763	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	364562	31.178	ng	99
83) Chrysene	14.016	228	1729507	49.296	ng	100
84) Bis(2-ethylhexyl)phtha...	13.974	149	1112282	48.083	ng	100
85) Di-n-octyl phthalate	14.592	149	1788198	53.410	ng	98
87) Indeno(1,2,3-cd)pyrene	16.909	276	2096765	59.126	ng	98
88) Benzo(b)fluoranthene	15.021	252	1773682	45.181	ng	99
89) Benzo(k)fluoranthene	15.057	252	1547501	50.295	ng	99
90) Benzo(a)pyrene	15.386	252	1609175	52.811	ng	99
91) Dibenzo(a,h)anthracene	16.927	278	1677644	58.360	ng	99
92) Benzo(g,h,i)perylene	17.351	276	1612399	54.080	ng	98

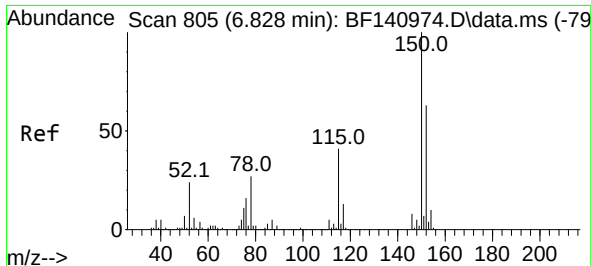
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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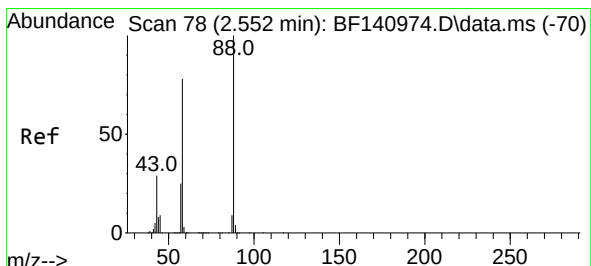
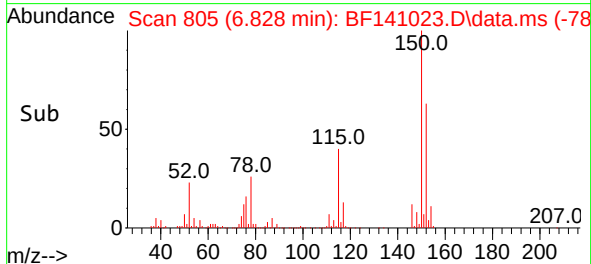
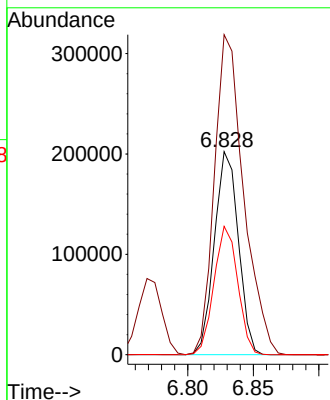
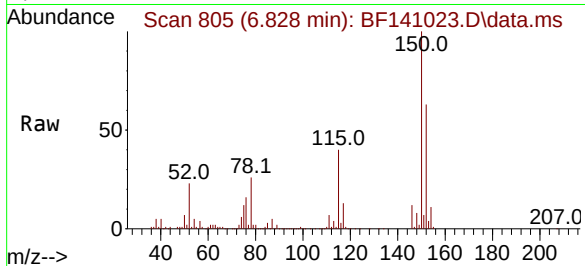




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF141023.D
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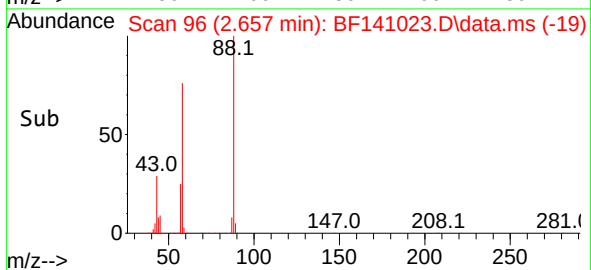
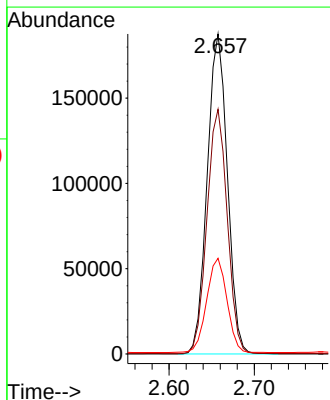
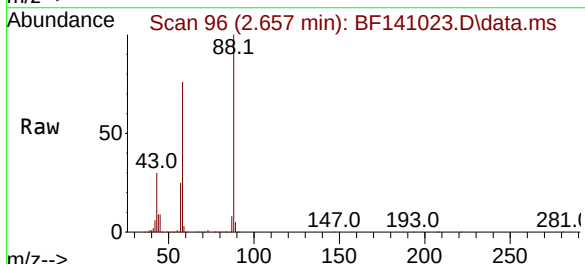
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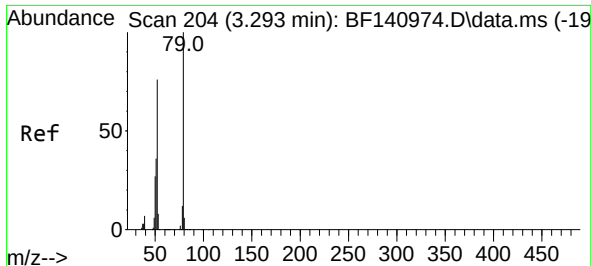
Tgt Ion:152 Resp: 257073
 Ion Ratio Lower Upper
 152 100
 150 157.7 127.0 190.6
 115 63.2 51.7 77.5



#2
 1,4-Dioxane
 Concen: 39.970 ng
 RT: 2.657 min Scan# 96
 Delta R.T. 0.106 min
 Lab File: BF141023.D
 Acq: 30 Dec 2024 11:10

Tgt Ion: 88 Resp: 308611
 Ion Ratio Lower Upper
 88 100
 58 76.8 63.0 94.4
 43 29.7 23.4 35.2

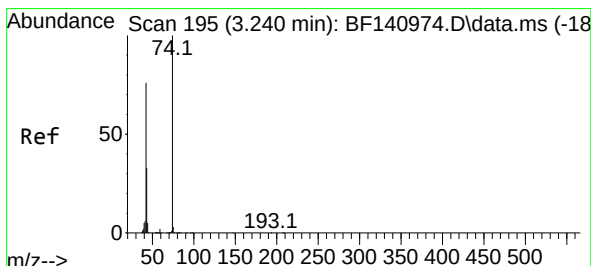
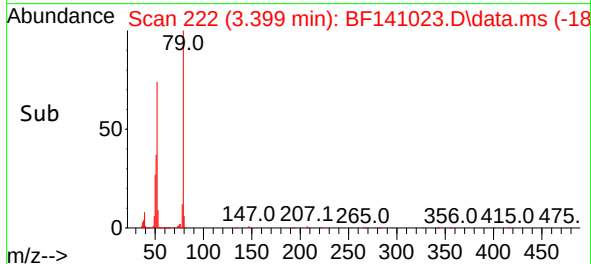
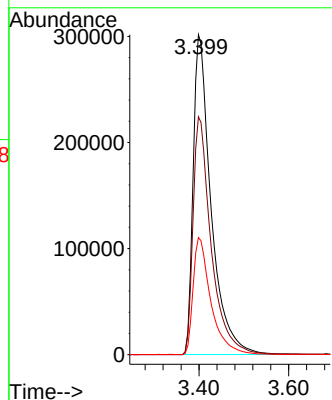
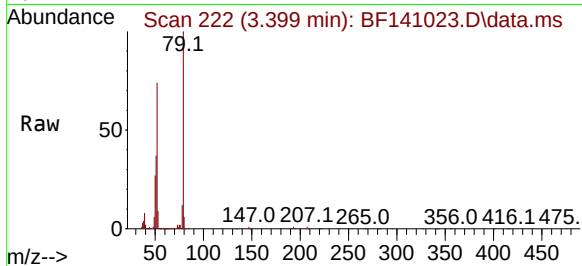




#3
Pyridine
Concen: 44.217 ng
RT: 3.399 min Scan# 213
Delta R.T. 0.106 min
Lab File: BF141023.D
Acq: 30 Dec 2024 11:10

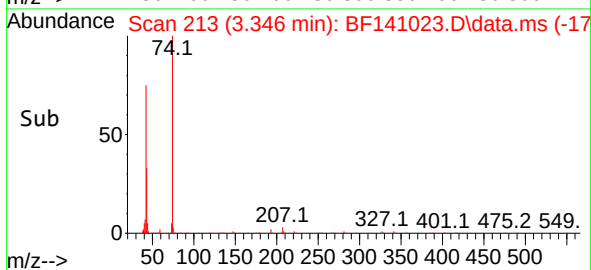
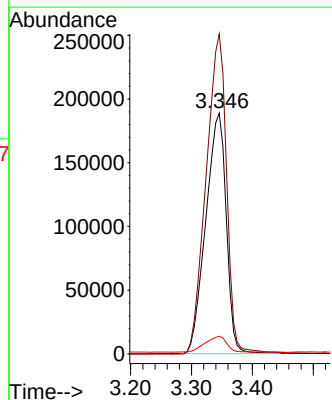
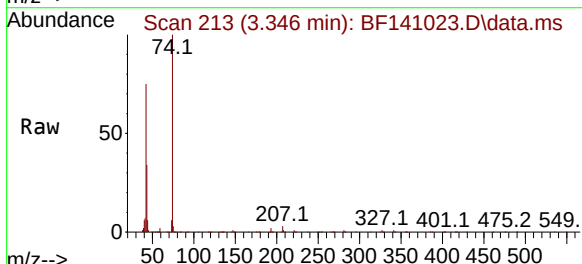
Instrument :
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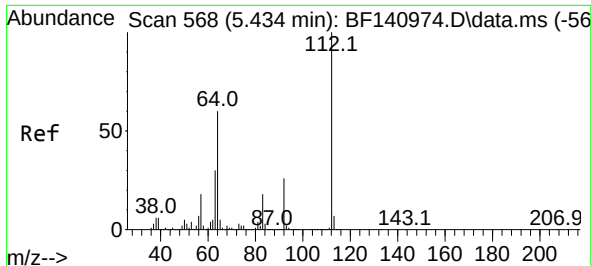
Tgt Ion: 79 Resp: 834327
Ion Ratio Lower Upper
79 100
52 74.3 60.4 90.6
51 36.6 28.8 43.2



#4
n-Nitrosodimethylamine
Concen: 46.093 ng
RT: 3.346 min Scan# 213
Delta R.T. 0.106 min
Lab File: BF141023.D
Acq: 30 Dec 2024 11:10

Tgt Ion: 42 Resp: 440671
Ion Ratio Lower Upper
42 100
74 132.8 105.8 158.6
44 7.4 6.6 10.0

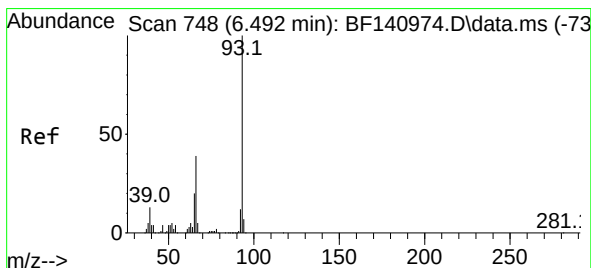
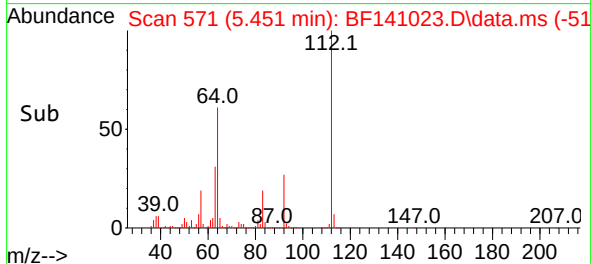
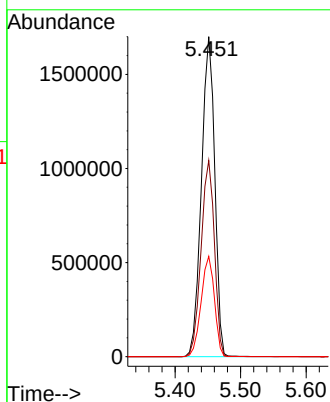
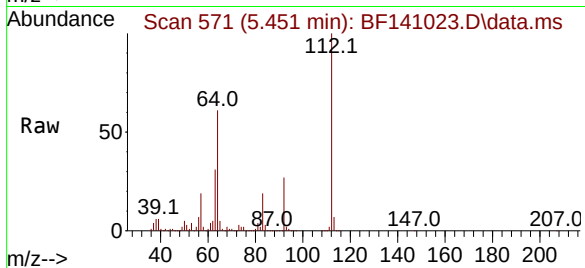




#5
2-Fluorophenol
Concen: 141.401 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF141023.D
Acq: 30 Dec 2024 11:10

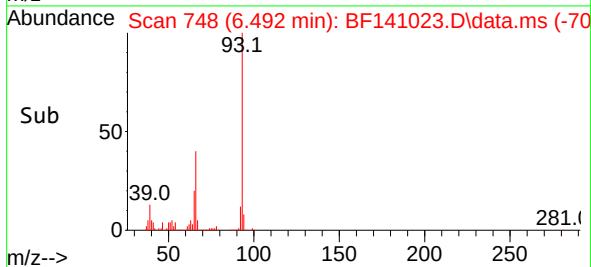
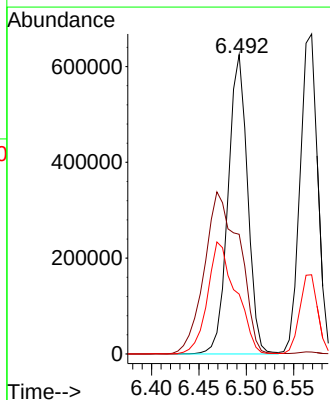
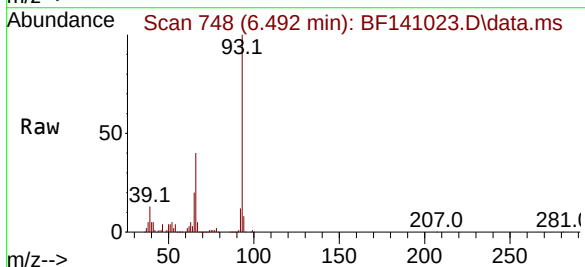
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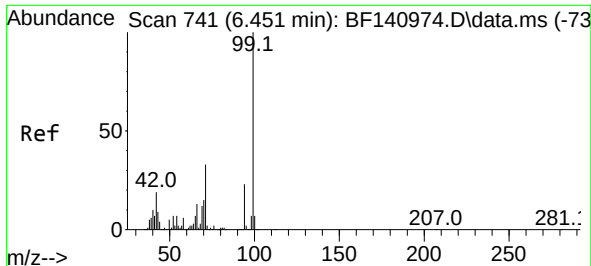
Tgt Ion:112 Resp: 2411497
Ion Ratio Lower Upper
112 100
64 61.3 47.7 71.5
63 31.3 24.2 36.2



#6
Aniline
Concen: 45.505 ng
RT: 6.492 min Scan# 748
Delta R.T. -0.018 min
Lab File: BF141023.D
Acq: 30 Dec 2024 11:10

Tgt Ion: 93 Resp: 891615
Ion Ratio Lower Upper
93 100
66 40.0 31.8 47.8
65 20.0 15.4 23.0

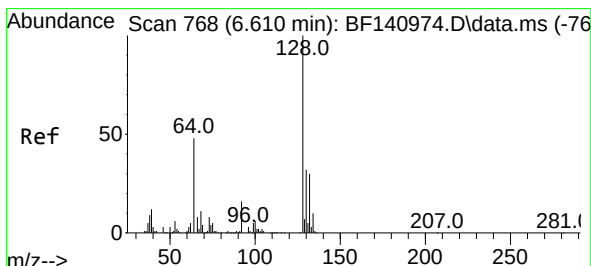
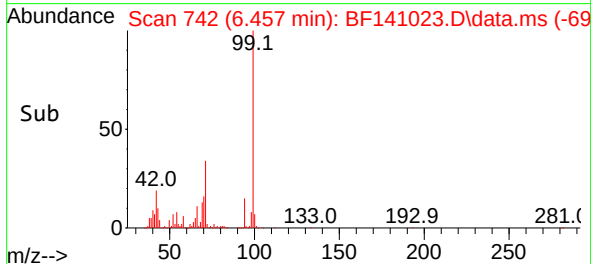
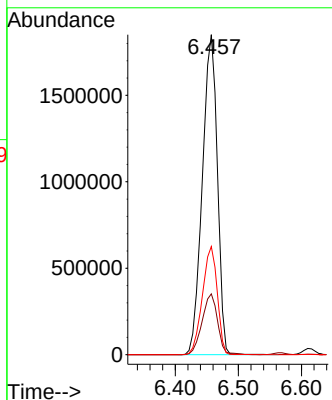
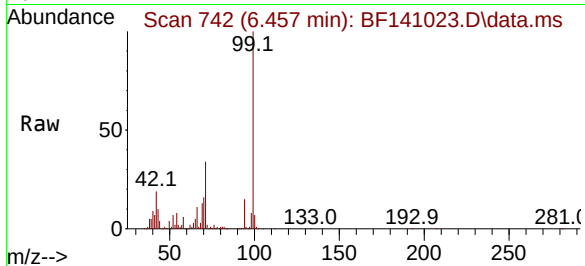




#7
Phenol-d6
Concen: 139.091 ng
RT: 6.457 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF141023.D
Acq: 30 Dec 2024 11:10

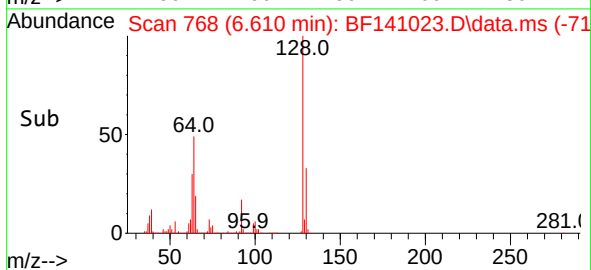
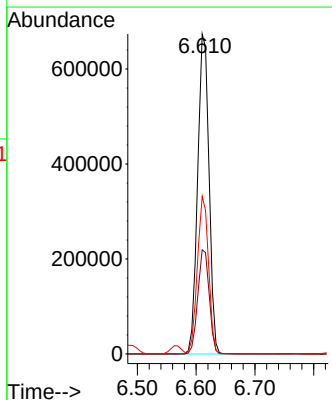
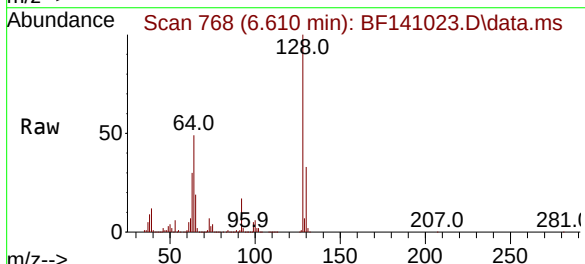
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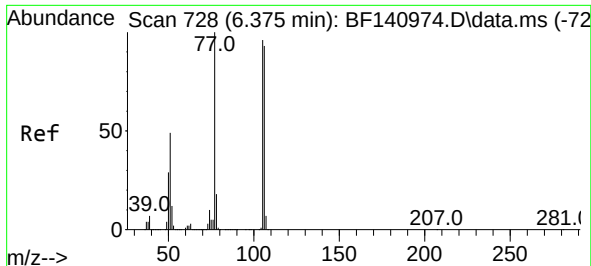
Tgt Ion: 99 Resp: 3055766
Ion Ratio Lower Upper
99 100
42 19.0 15.0 22.4
71 33.8 26.2 39.2



#8
2-Chlorophenol
Concen: 50.422 ng
RT: 6.610 min Scan# 768
Delta R.T. -0.000 min
Lab File: BF141023.D
Acq: 30 Dec 2024 11:10

Tgt Ion: 128 Resp: 906621
Ion Ratio Lower Upper
128 100
130 32.6 12.2 52.2
64 49.3 30.3 70.3

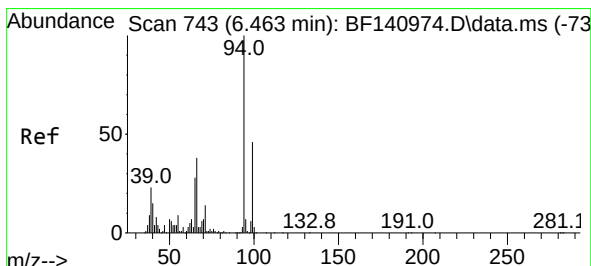
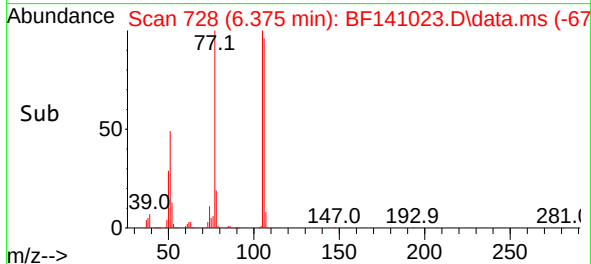
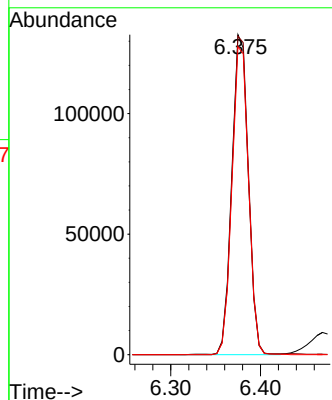
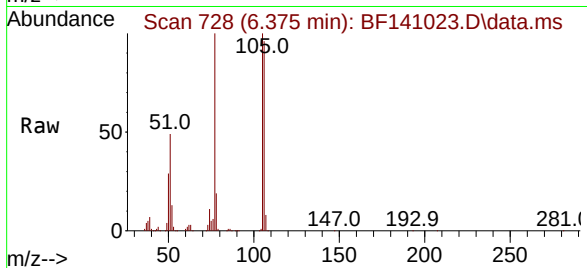




#9
Benzaldehyde
Concen: 9.512 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141023.D
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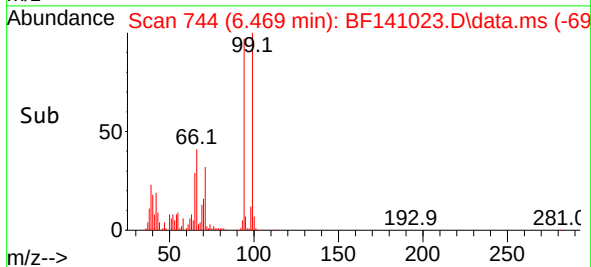
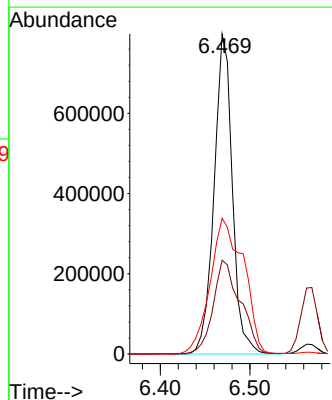
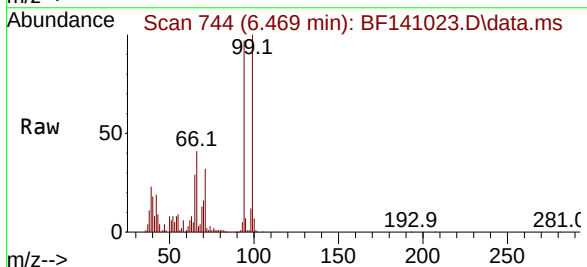
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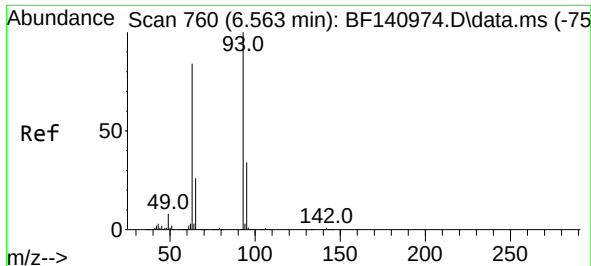
Tgt Ion: 77 Resp: 169903
Ion Ratio Lower Upper
77 100
105 99.6 76.2 116.2
106 96.3 73.4 113.4



#10
Phenol
Concen: 49.670 ng
RT: 6.469 min Scan# 744
Delta R.T. 0.006 min
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Tgt Ion: 94 Resp: 1128357
Ion Ratio Lower Upper
94 100
65 29.3 8.1 48.1
66 42.4 18.7 58.7

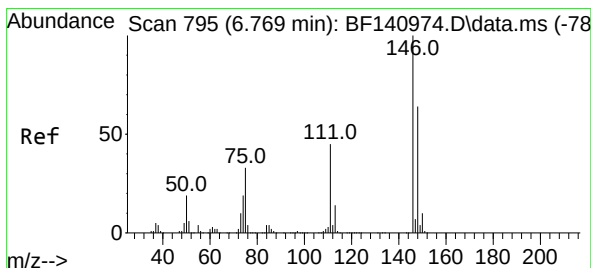
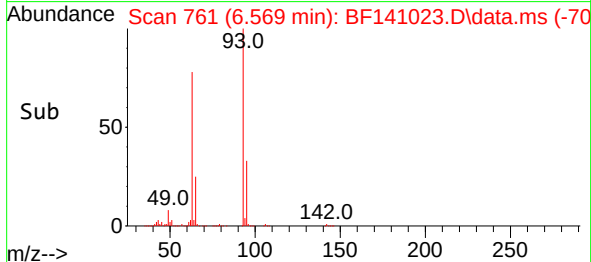
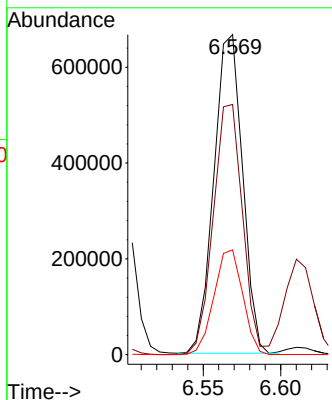
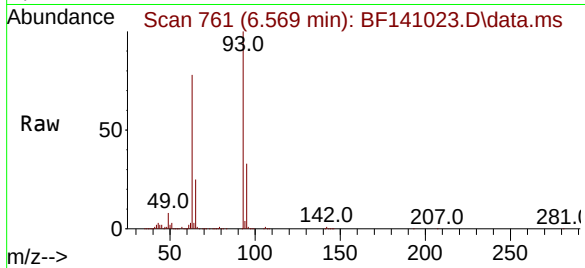




#11
bis(2-Chloroethyl)ether
Concen: 46.752 ng
RT: 6.569 min Scan# 760
Delta R.T. 0.006 min
Lab File: BF141023.D
Acq: 30 Dec 2024 11:10

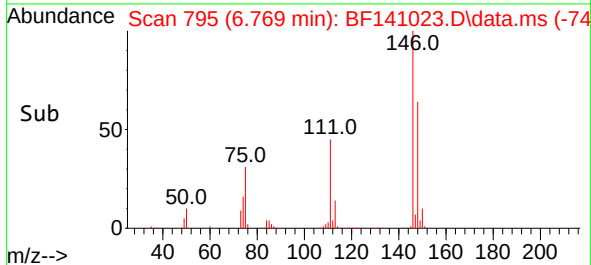
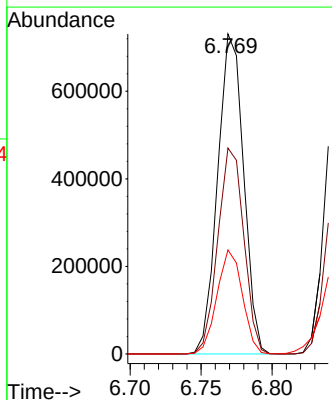
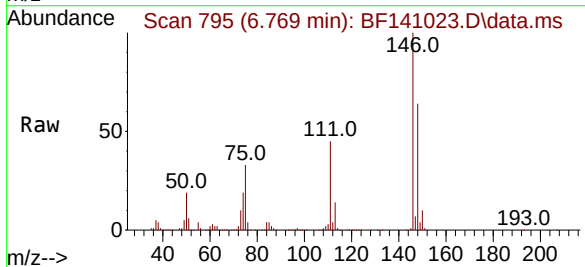
Instrument :
BNA_F
ClientSampleId :
PB165875BS

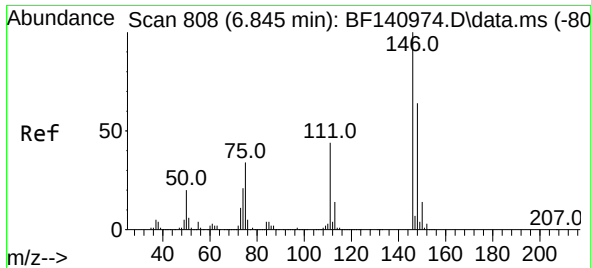
Tgt Ion: 93 Resp: 857549
Ion Ratio Lower Upper
93 100
63 78.2 60.3 100.3
95 32.8 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 46.798 ng
RT: 6.769 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF141023.D
Acq: 30 Dec 2024 11:10

Tgt Ion:146 Resp: 928638
Ion Ratio Lower Upper
146 100
148 64.3 51.0 76.4
75 32.5 26.1 39.1

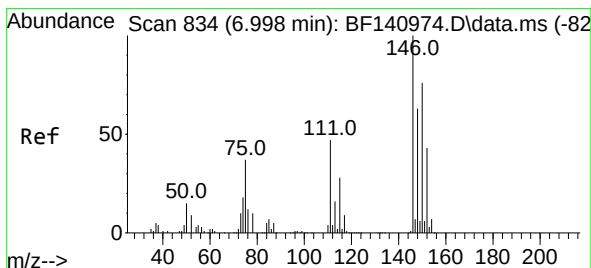
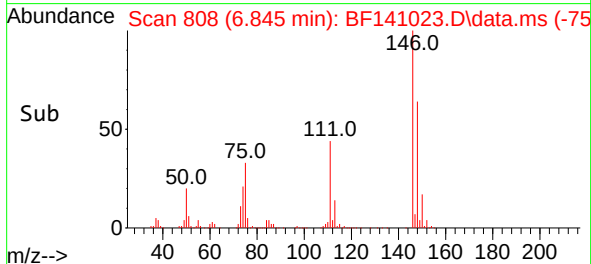
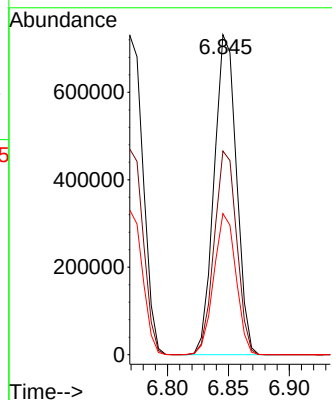
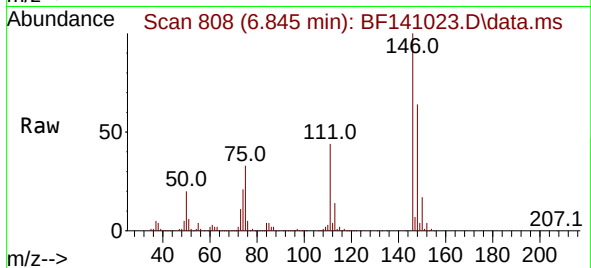




#13
1,4-Dichlorobenzene
Concen: 46.743 ng
RT: 6.845 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF141023.D
Acq: 30 Dec 2024 11:10

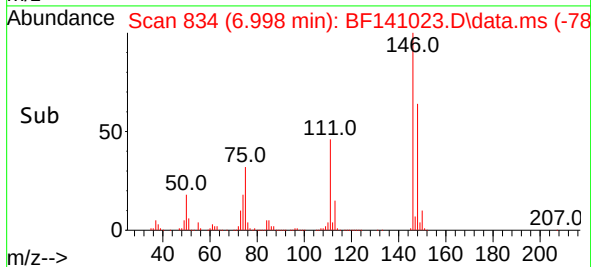
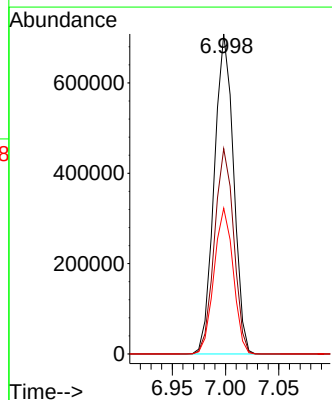
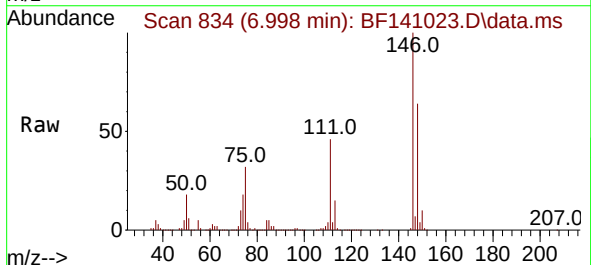
Instrument :
BNA_F
ClientSampleId :
PB165875BS

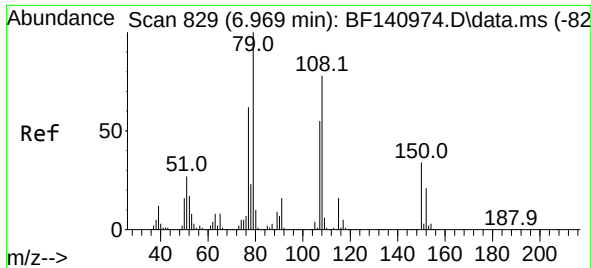
Tgt Ion:146 Resp: 935046
Ion Ratio Lower Upper
146 100
148 63.7 51.3 76.9
111 44.1 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 47.861 ng
RT: 6.998 min Scan# 834
Delta R.T. -0.000 min
Lab File: BF141023.D
Acq: 30 Dec 2024 11:10

Tgt Ion:146 Resp: 892654
Ion Ratio Lower Upper
146 100
148 64.2 50.6 76.0
111 45.5 37.3 55.9

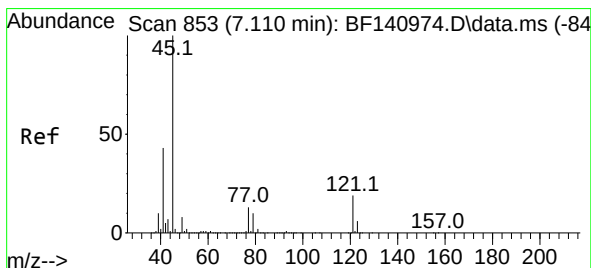
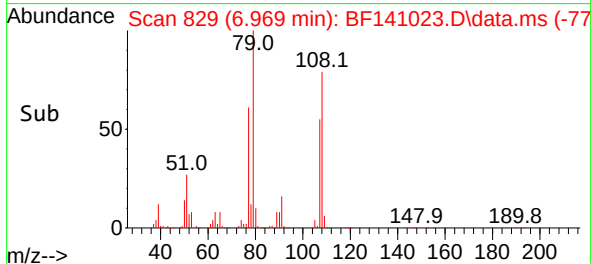
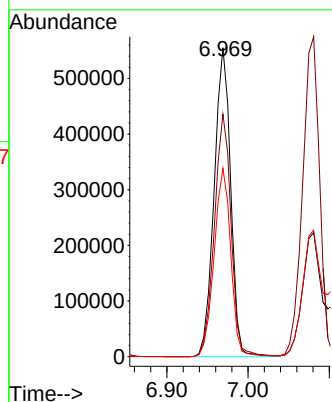
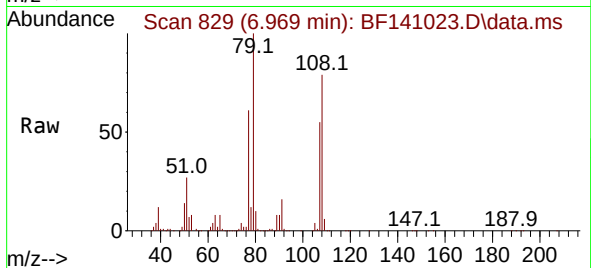




#15
Benzyl Alcohol
Concen: 49.803 ng
RT: 6.969 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF141023.D
Acq: 30 Dec 2024 11:10

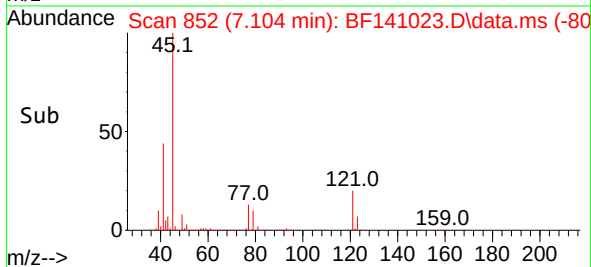
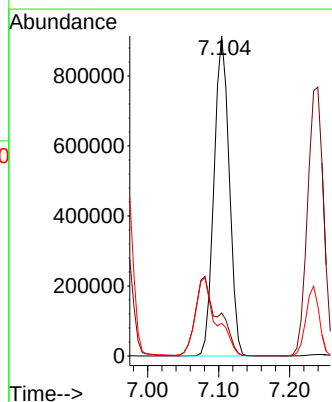
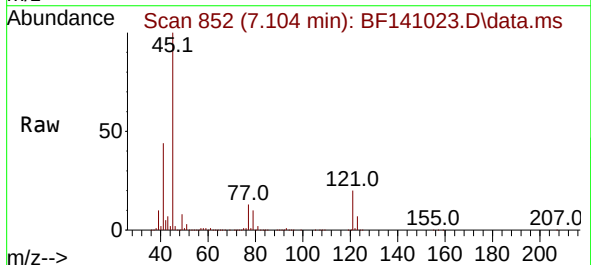
Instrument :
BNA_F
ClientSampleId :
PB165875BS

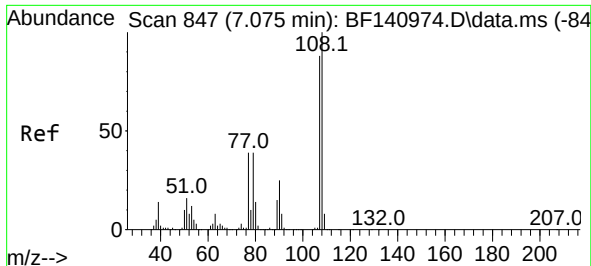
Tgt Ion: 79 Resp: 786266
Ion Ratio Lower Upper
79 100
108 78.5 62.5 93.7
77 61.0 49.3 73.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.875 ng
RT: 7.104 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF141023.D
Acq: 30 Dec 2024 11:10

Tgt Ion: 45 Resp: 1355786
Ion Ratio Lower Upper
45 100
77 13.4 0.0 33.1
79 10.2 0.0 30.1



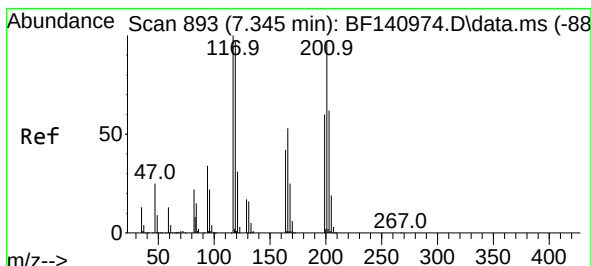
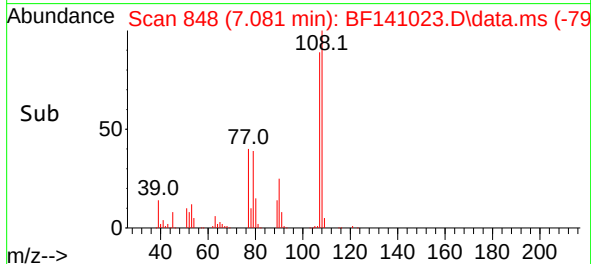
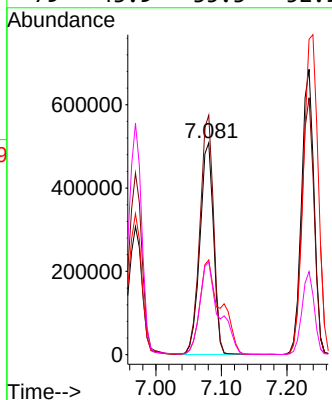
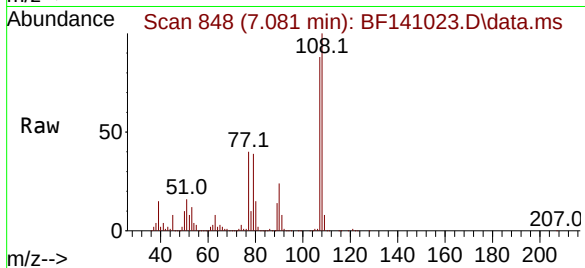


#17
2-Methylphenol
Concen: 49.345 ng
RT: 7.081 min Scan# 847
Delta R.T. 0.006 min
Lab File: BF141023.D
Acq: 30 Dec 2024 11:10

Instrument :
BNA_F
ClientSampleId :
PB165875BS

Tgt Ion:107 Resp: 737109

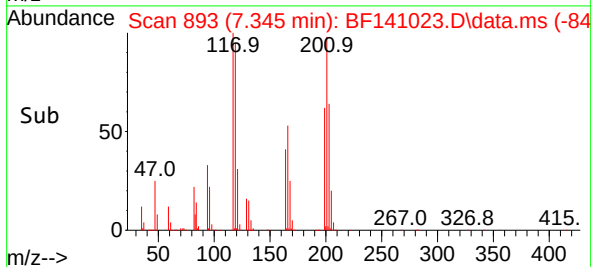
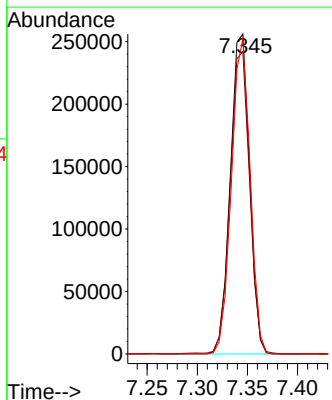
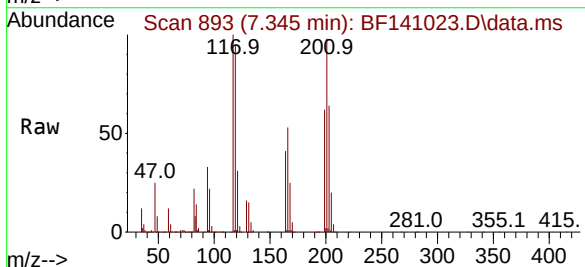
Ion	Ratio	Lower	Upper
107	100		
108	113.1	90.6	136.0
77	44.7	35.3	52.9
79	43.9	35.3	52.9

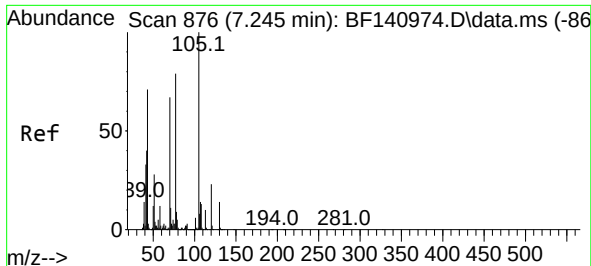


#18
Hexachloroethane
Concen: 48.149 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.000 min
Lab File: BF141023.D
Acq: 30 Dec 2024 11:10

Tgt Ion:117 Resp: 342154

Ion	Ratio	Lower	Upper
117	100		
119	94.6	77.5	116.3
201	98.5	77.4	116.2

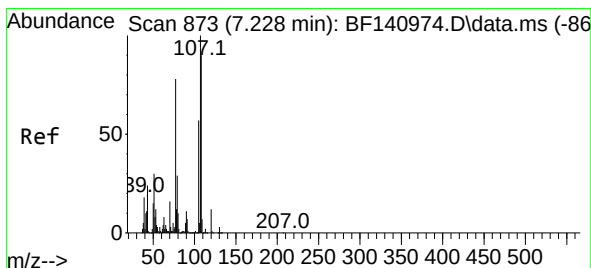
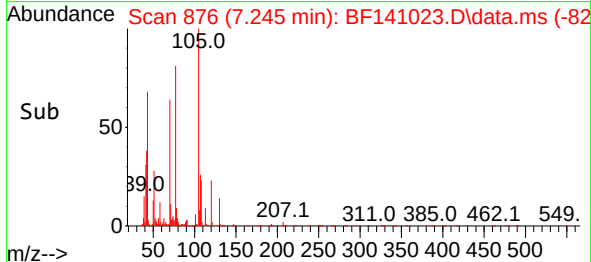
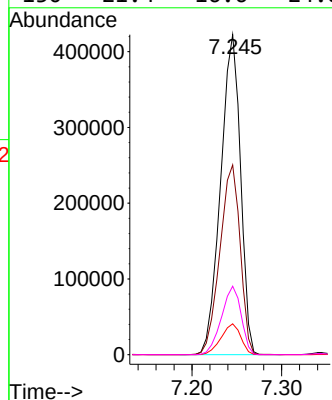
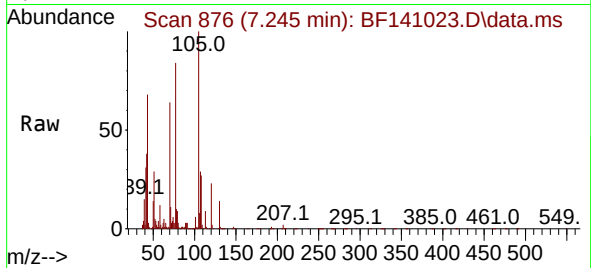




#19
n-Nitroso-di-n-propylamine
Concen: 48.202 ng
RT: 7.245 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF141023.D
Acq: 30 Dec 2024 11:10

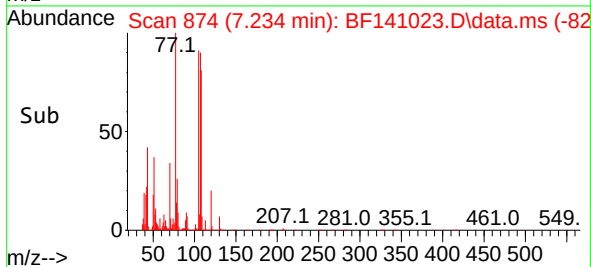
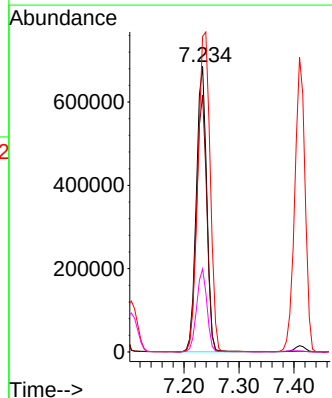
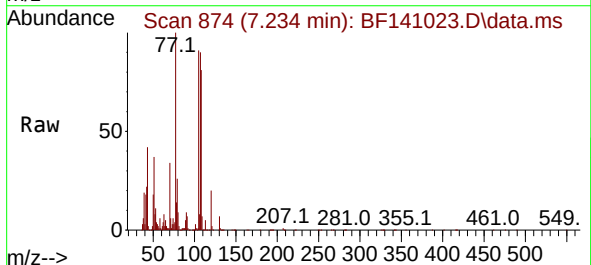
Instrument :
BNA_F
ClientSampleId :
PB165875BS

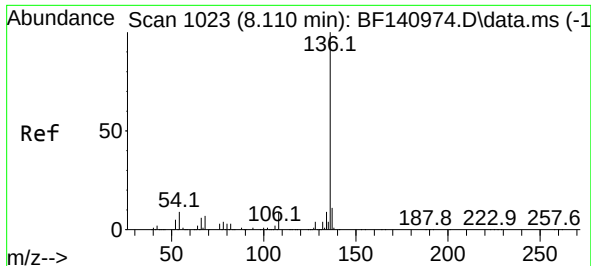
Tgt Ion: 70 Resp: 648762
Ion Ratio Lower Upper
70 100
42 59.3 48.1 72.1
101 9.7 7.6 11.4
130 21.4 16.6 24.8



#20
3+4-Methylphenols
Concen: 47.530 ng
RT: 7.234 min Scan# 874
Delta R.T. 0.006 min
Lab File: BF141023.D
Acq: 30 Dec 2024 11:10

Tgt Ion: 107 Resp: 898466
Ion Ratio Lower Upper
107 100
108 90.1 69.6 109.6
77 110.6 57.6 97.6#
79 29.1 8.8 48.8



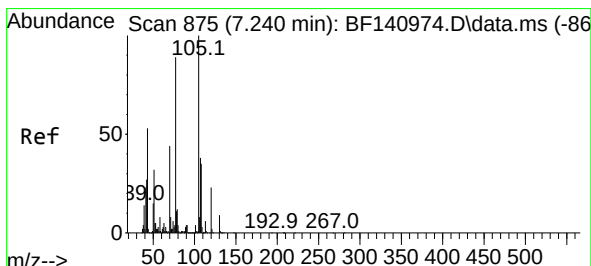
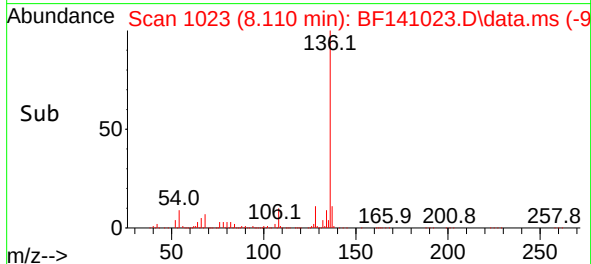
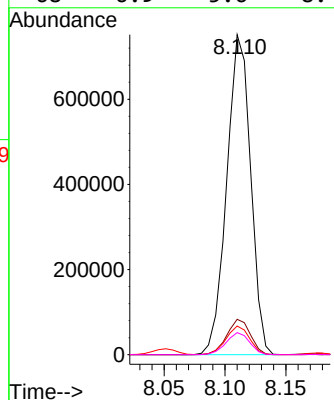
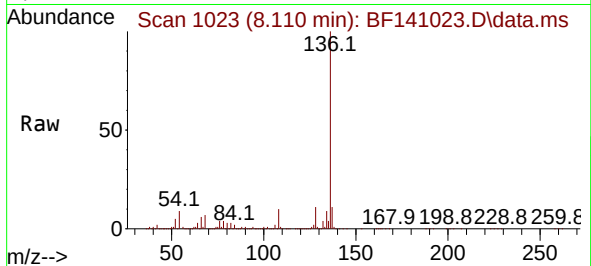


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF141023.D
Acq: 30 Dec 2024 11:10

Instrument :
BNA_F
ClientSampleId :
PB165875BS

Tgt Ion:136 Resp: 1028057

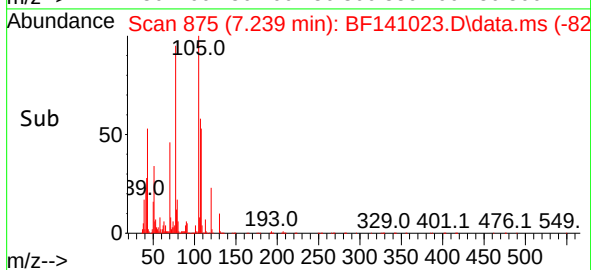
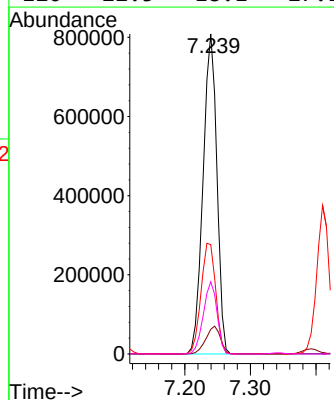
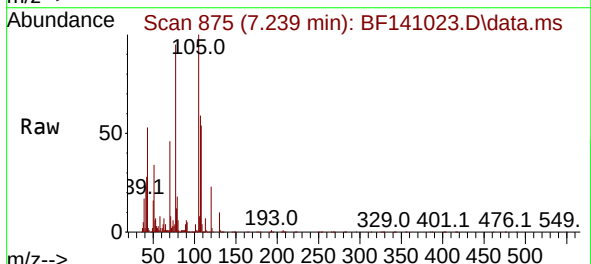
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	9.0	7.6	11.4
68	6.9	5.6	8.4

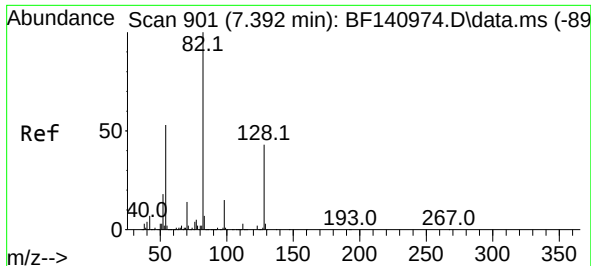


#22
Acetophenone
Concen: 47.074 ng
RT: 7.239 min Scan# 875
Delta R.T. -0.000 min
Lab File: BF141023.D
Acq: 30 Dec 2024 11:10

Tgt Ion:105 Resp: 1187192

Ion	Ratio	Lower	Upper
105	100		
71	7.7	6.1	9.1
51	34.1	25.8	38.6
120	22.5	18.1	27.1





#23

Nitrobenzene-d5

Concen: 117.018 ng

RT: 7.392 min Scan# 901

Delta R.T. -0.000 min

Lab File: BF141023.D

Acq: 30 Dec 2024 11:10

Instrument :

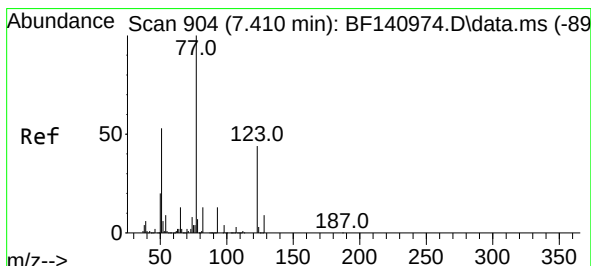
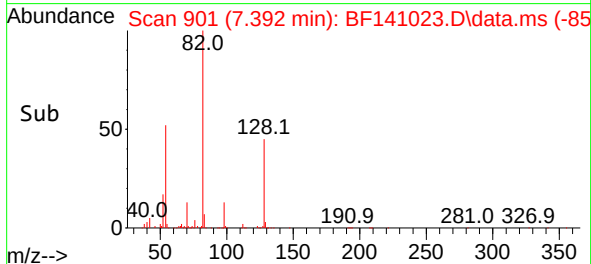
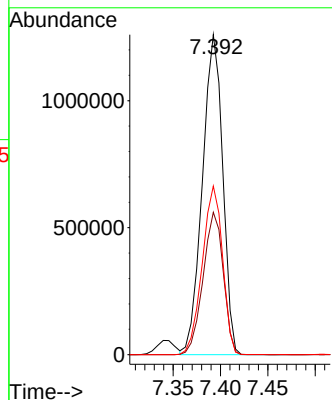
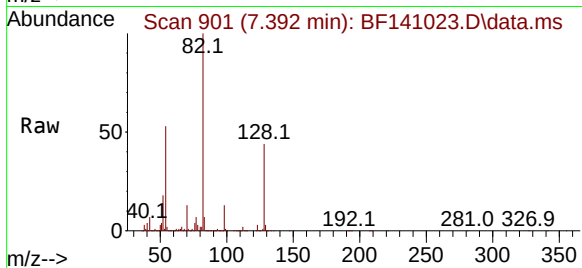
BNA_F

ClientSampleId :

PB165875BS

Tgt Ion: 82 Resp: 1880357

Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.4	51.6
54	52.7	42.4	63.6



#24

Nitrobenzene

Concen: 51.516 ng

RT: 7.410 min Scan# 904

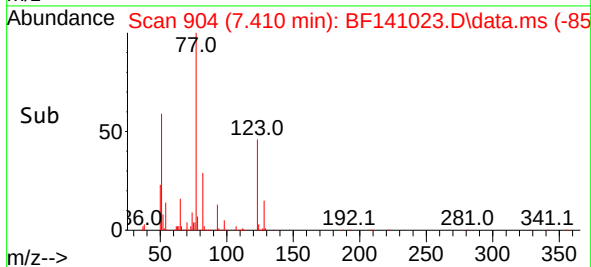
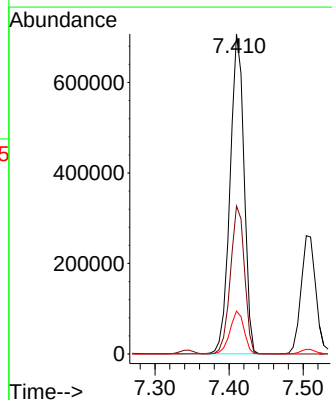
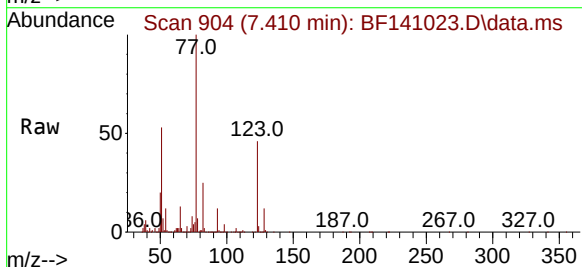
Delta R.T. -0.000 min

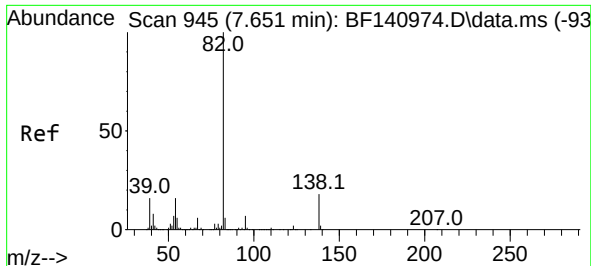
Lab File: BF141023.D

Acq: 30 Dec 2024 11:10

Tgt Ion: 77 Resp: 924988

Ion	Ratio	Lower	Upper
77	100		
123	46.3	35.4	53.2
65	13.4	10.7	16.1

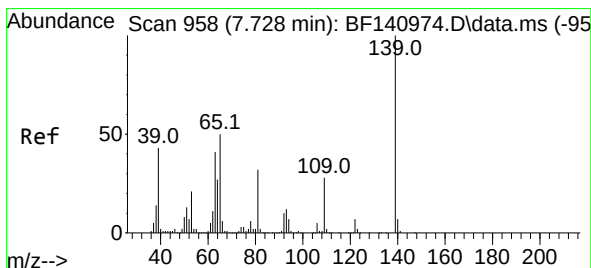
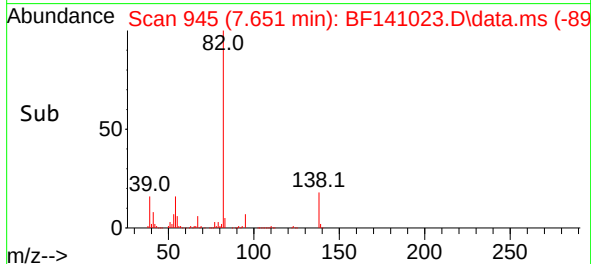
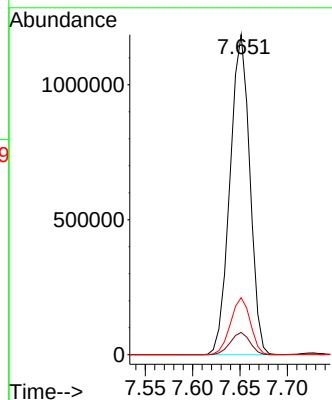
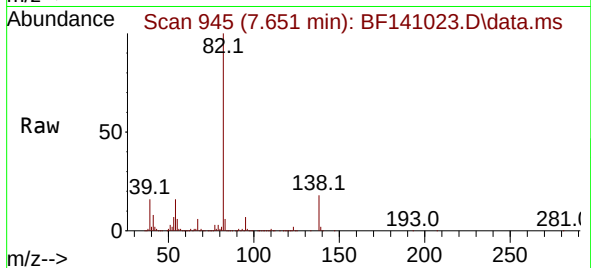




#25
Isophorone
Concen: 49.305 ng
RT: 7.651 min Scan# 945
Delta R.T. -0.000 min
Lab File: BF141023.D
Acq: 30 Dec 2024 11:10

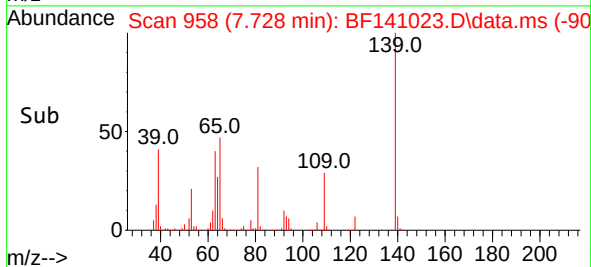
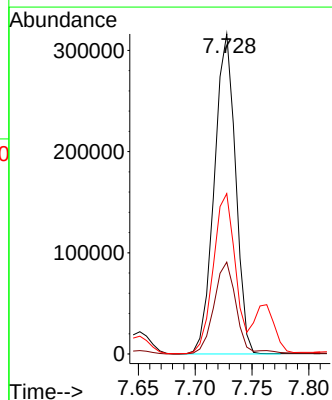
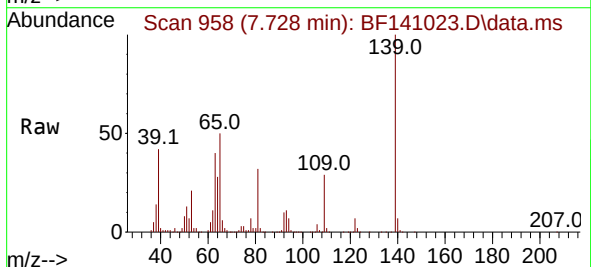
Instrument :
BNA_F
ClientSampleId :
PB165875BS

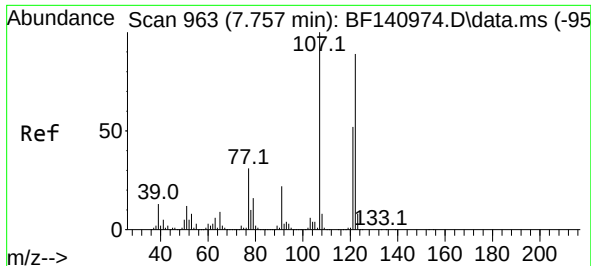
Tgt Ion: 82 Resp: 1724028
Ion Ratio Lower Upper
82 100
95 6.9 5.6 8.4
138 17.8 14.6 21.8



#26
2-Nitrophenol
Concen: 55.065 ng
RT: 7.728 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF141023.D
Acq: 30 Dec 2024 11:10

Tgt Ion:139 Resp: 411640
Ion Ratio Lower Upper
139 100
109 28.7 22.2 33.4
65 50.1 40.2 60.4

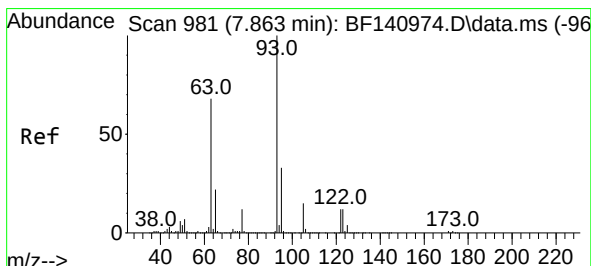
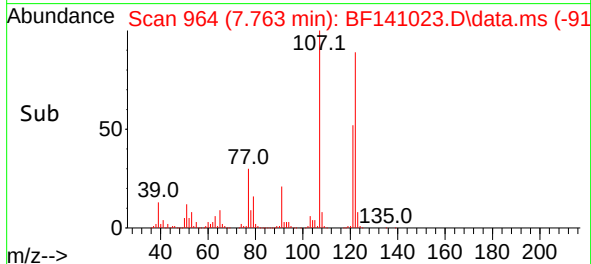
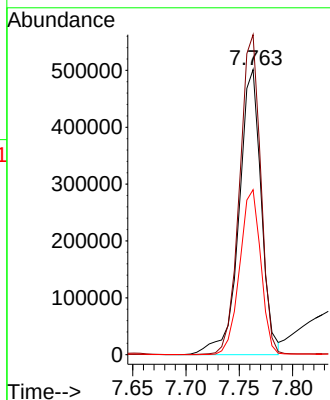
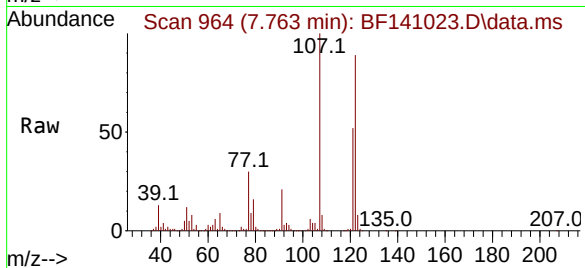




#27
2,4-Dimethylphenol
Concen: 57.058 ng
RT: 7.763 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF141023.D
Acq: 30 Dec 2024 11:10

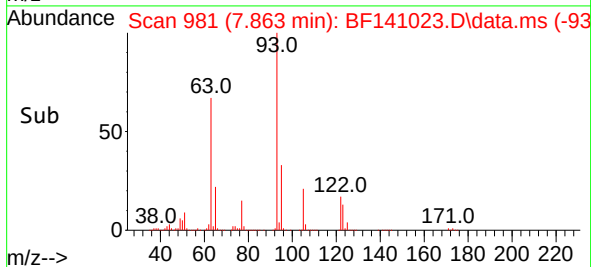
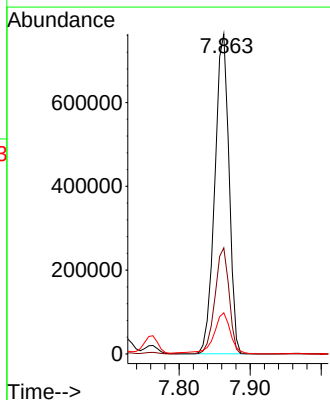
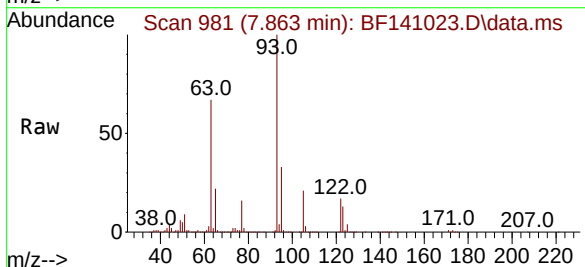
Instrument :
BNA_F
ClientSampleId :
PB165875BS

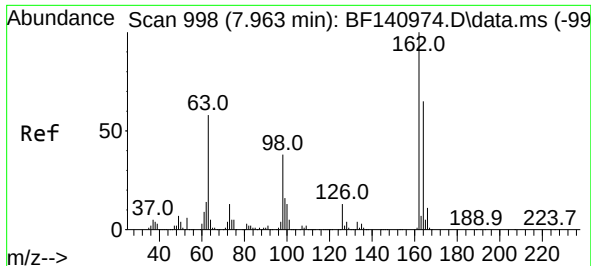
Tgt Ion:122 Resp: 729167
Ion Ratio Lower Upper
122 100
107 112.2 89.4 134.2
121 57.8 46.7 70.1



#28
bis(2-Chloroethoxy)methane
Concen: 47.578 ng
RT: 7.863 min Scan# 981
Delta R.T. -0.000 min
Lab File: BF141023.D
Acq: 30 Dec 2024 11:10

Tgt Ion: 93 Resp: 1054074
Ion Ratio Lower Upper
93 100
95 33.1 26.2 39.4
123 12.9 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 50.451 ng

RT: 7.963 min Scan# 998

Delta R.T. -0.000 min

Lab File: BF141023.D

Acq: 30 Dec 2024 11:10

Instrument :

BNA_F

ClientSampleId :

PB165875BS

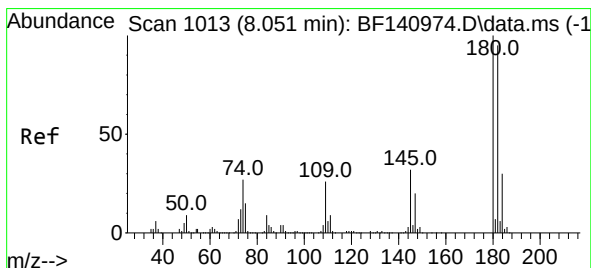
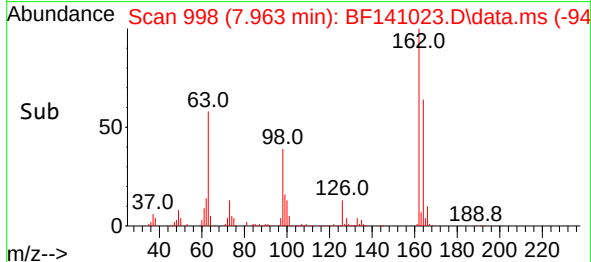
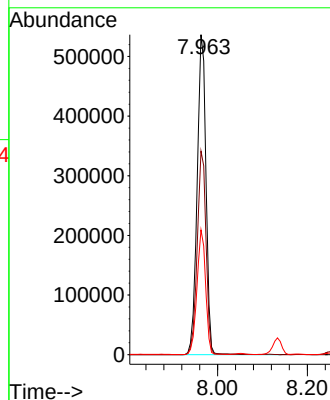
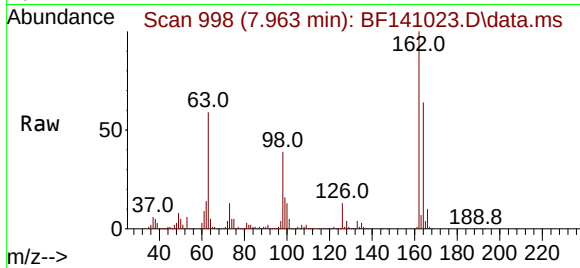
Tgt Ion:162 Resp: 731221

Ion Ratio Lower Upper

162 100

164 63.6 44.8 84.8

98 39.0 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 46.498 ng

RT: 8.051 min Scan# 1013

Delta R.T. -0.000 min

Lab File: BF141023.D

Acq: 30 Dec 2024 11:10

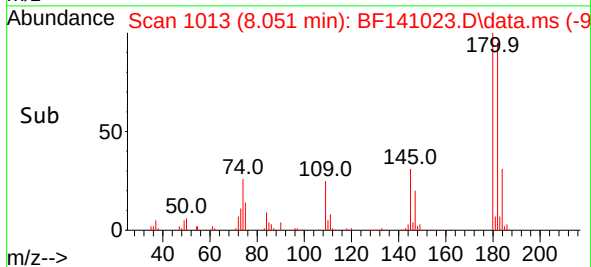
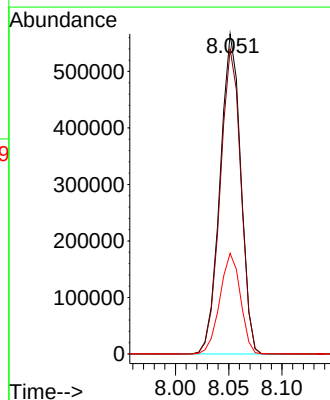
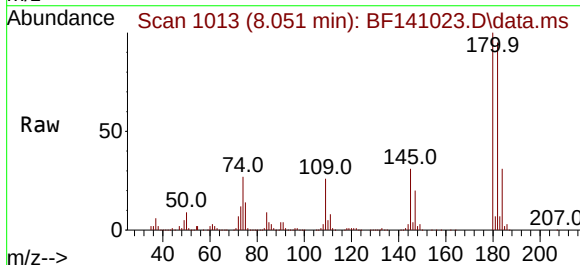
Tgt Ion:180 Resp: 762780

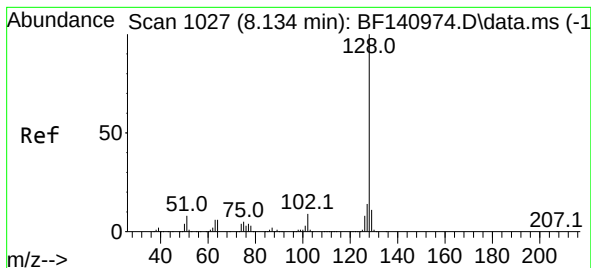
Ion Ratio Lower Upper

180 100

182 95.3 76.2 114.4

145 31.5 25.4 38.2





#31

Naphthalene

Concen: 46.748 ng

RT: 8.134 min Scan# 10

Delta R.T. -0.000 min

Lab File: BF141023.D

Acq: 30 Dec 2024 11:10

Instrument :

BNA_F

ClientSampleId :

PB165875BS

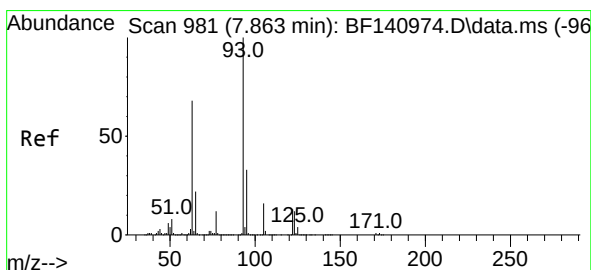
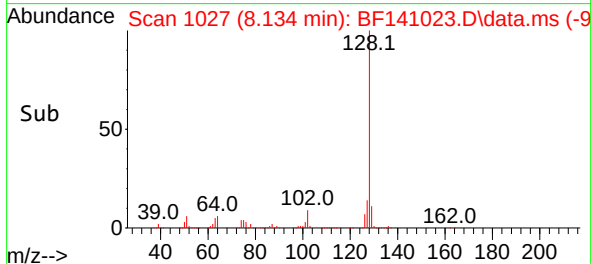
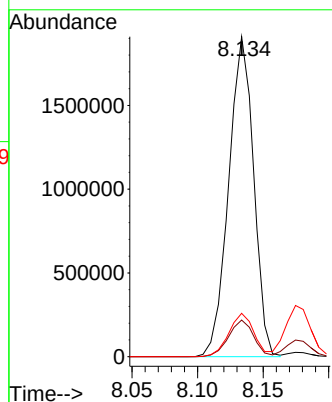
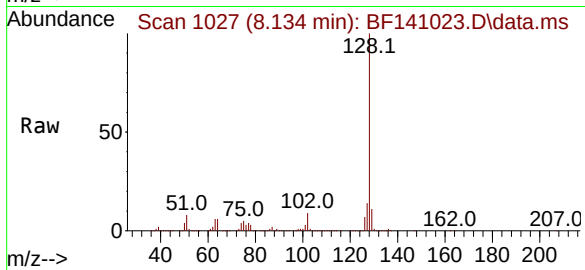
Tgt Ion:128 Resp: 2532438

Ion Ratio Lower Upper

128 100

129 11.5 9.2 13.8

127 13.6 11.0 16.4



#32

Benzoic acid

Concen: 49.142 ng

RT: 7.875 min Scan# 983

Delta R.T. 0.012 min

Lab File: BF141023.D

Acq: 30 Dec 2024 11:10

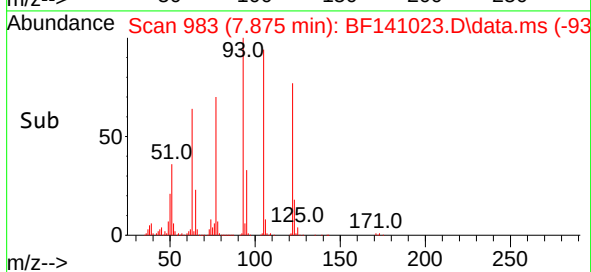
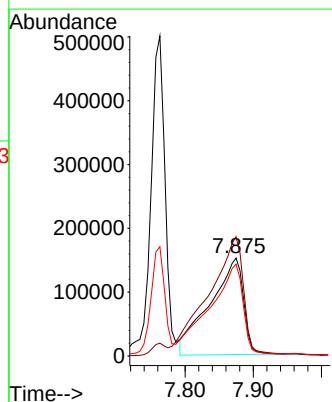
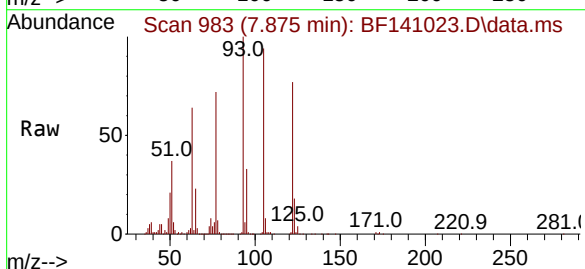
Tgt Ion:122 Resp: 519106

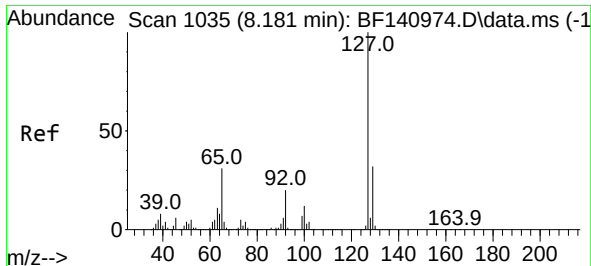
Ion Ratio Lower Upper

122 100

105 121.7 105.4 145.4

77 93.8 76.4 116.4

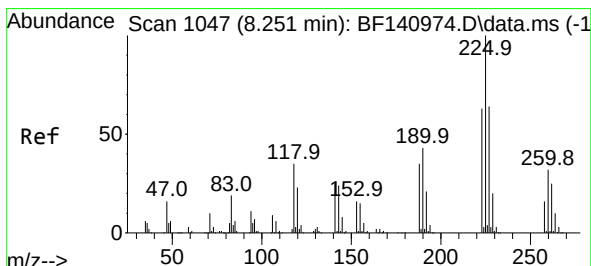
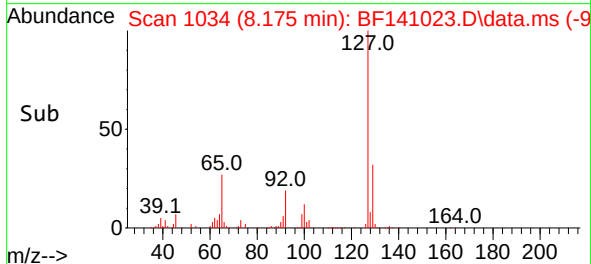
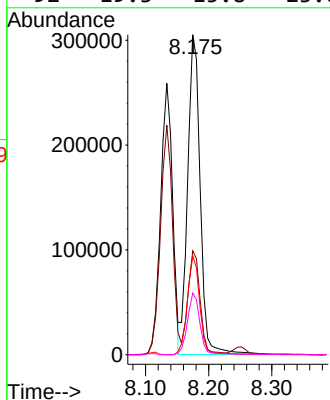
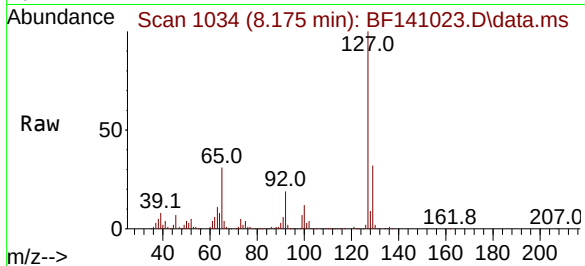




#33
4-Chloroaniline
Concen: 21.637 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF141023.D
Acq: 30 Dec 2024 11:10

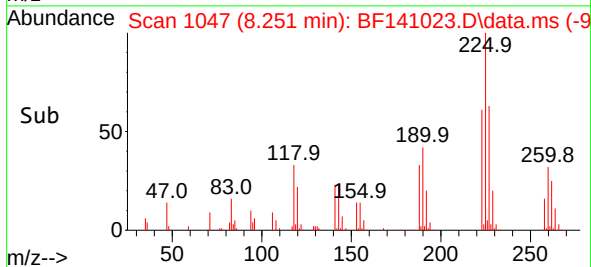
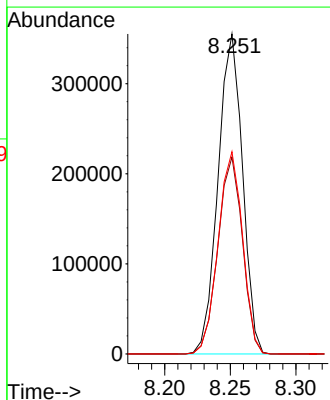
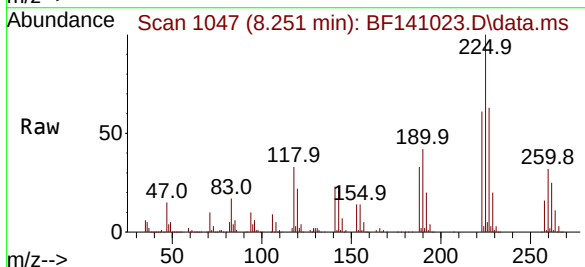
Instrument :
BNA_F
ClientSampleId :
PB165875BS

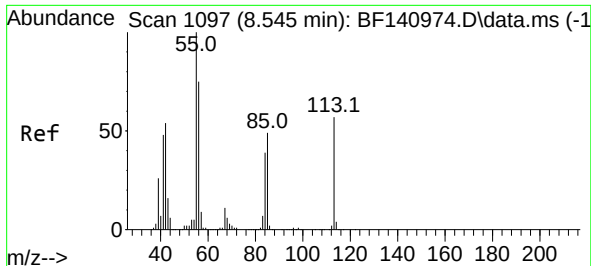
Tgt Ion:	127	Resp:	424042
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.1	39.1
65	30.9	24.6	37.0
92	19.3	15.8	23.6



#34
Hexachlorobutadiene
Concen: 47.623 ng
RT: 8.251 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF141023.D
Acq: 30 Dec 2024 11:10

Tgt Ion:	225	Resp:	460560
Ion	Ratio	Lower	Upper
225	100		
223	61.5	50.3	75.5
227	63.2	50.8	76.2

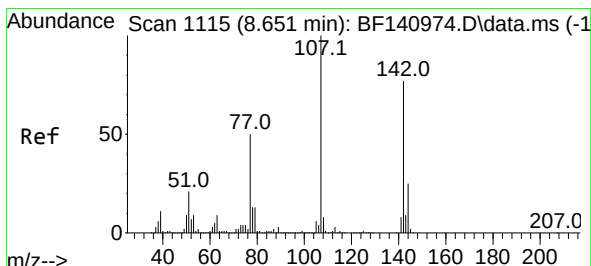
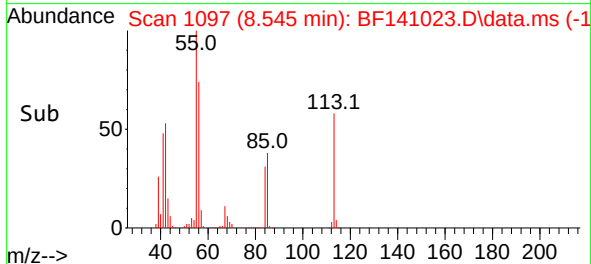
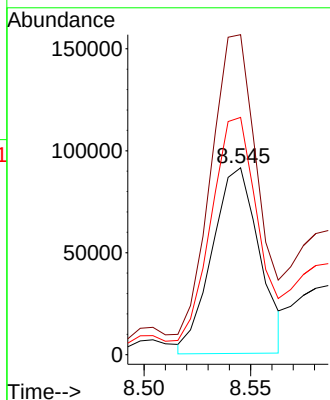
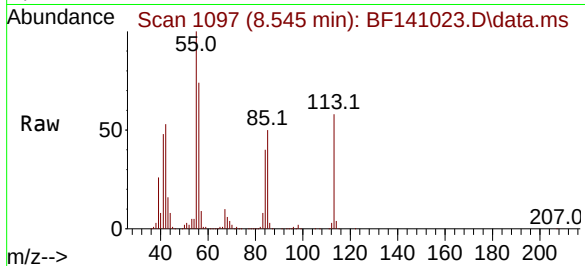




#35
Caprolactam
Concen: 28.522 ng
RT: 8.545 min Scan# 1097
Delta R.T. -0.000 min
Lab File: BF141023.D
Acq: 30 Dec 2024 11:10

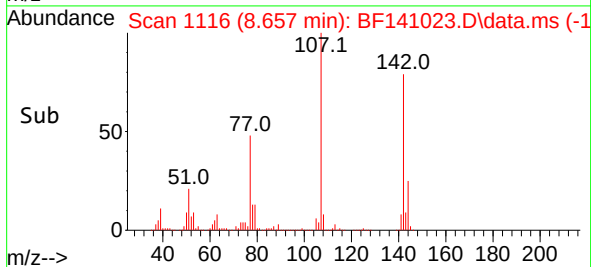
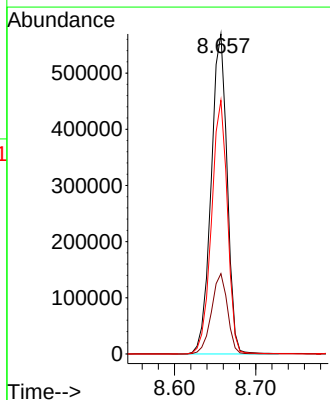
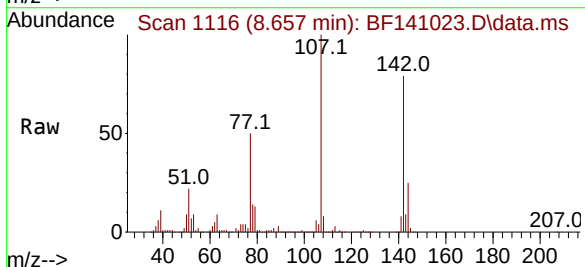
Instrument :
BNA_F
ClientSampleId :
PB165875BS

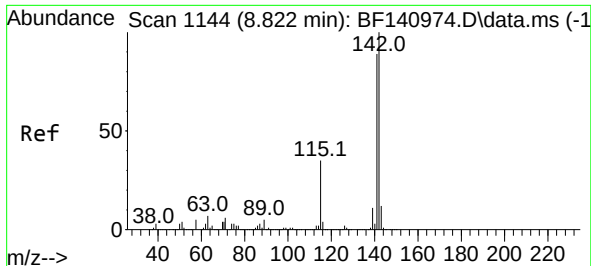
Tgt Ion:113 Resp: 140535
Ion Ratio Lower Upper
113 100
55 171.3 156.6 196.6
56 127.0 111.7 151.7



#36
4-Chloro-3-methylphenol
Concen: 48.593 ng
RT: 8.657 min Scan# 1116
Delta R.T. 0.006 min
Lab File: BF141023.D
Acq: 30 Dec 2024 11:10

Tgt Ion:107 Resp: 782151
Ion Ratio Lower Upper
107 100
144 25.1 19.9 29.9
142 79.3 61.8 92.8





#37

2-Methylnaphthalene

Concen: 48.404 ng

RT: 8.822 min Scan# 1144

Delta R.T. -0.000 min

Lab File: BF141023.D

Acq: 30 Dec 2024 11:10

Instrument :

BNA_F

ClientSampleId :

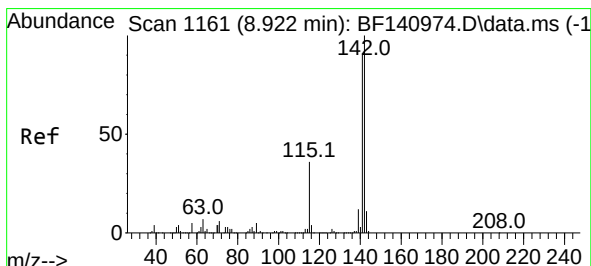
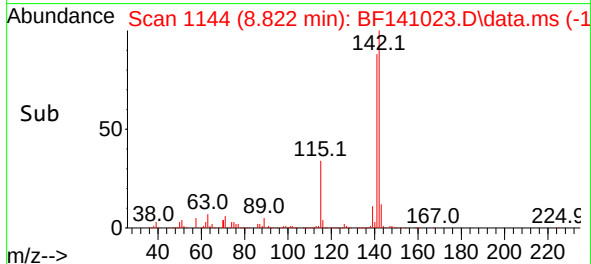
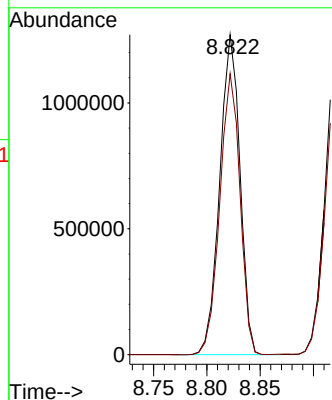
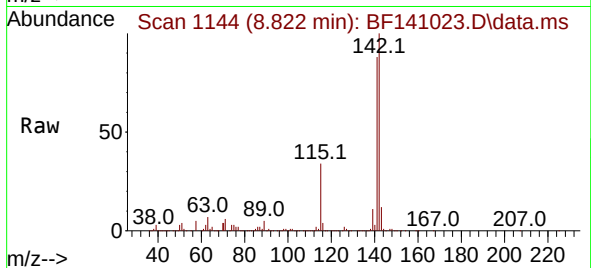
PB165875BS

Tgt Ion:142 Resp: 1677486

Ion Ratio Lower Upper

142 100

141 87.8 71.1 106.7



#38

1-Methylnaphthalene

Concen: 45.637 ng

RT: 8.922 min Scan# 1161

Delta R.T. -0.000 min

Lab File: BF141023.D

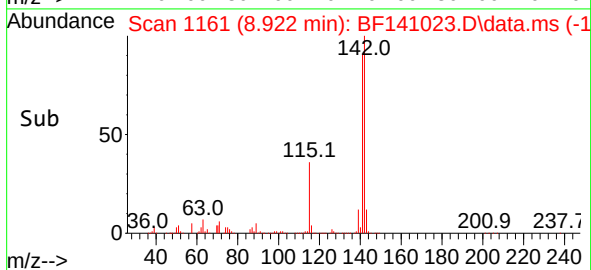
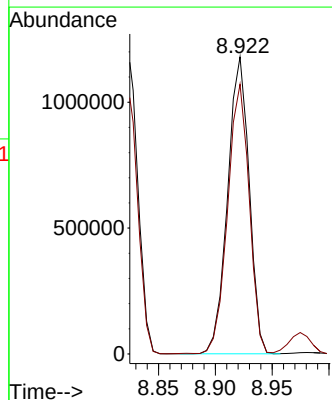
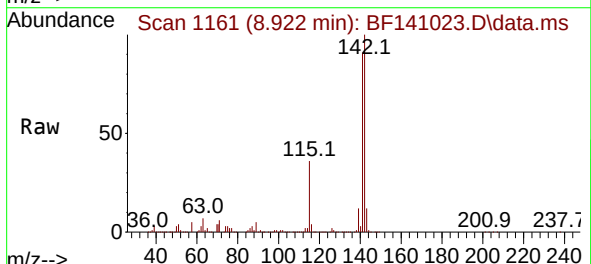
Acq: 30 Dec 2024 11:10

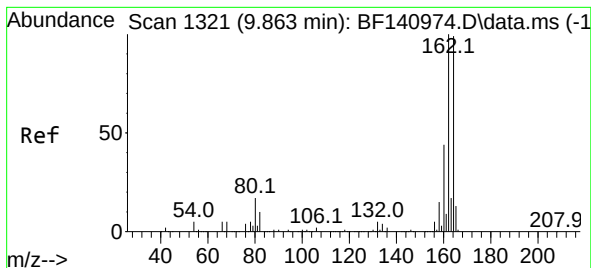
Tgt Ion:142 Resp: 1554362

Ion Ratio Lower Upper

142 100

141 90.8 72.7 109.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF141023.D

Acq: 30 Dec 2024 11:10

Instrument :

BNA_F

ClientSampleId :

PB165875BS

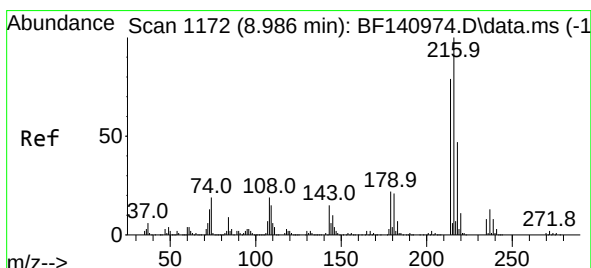
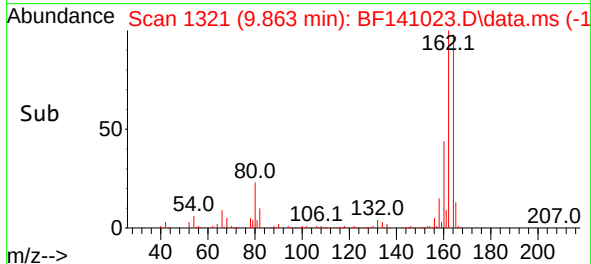
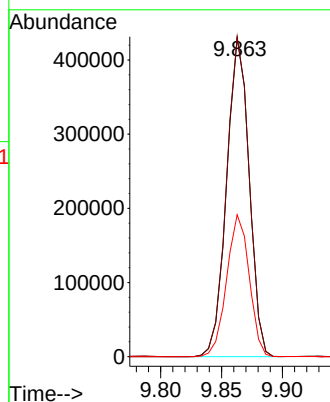
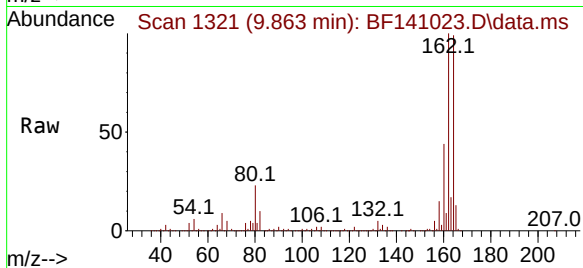
Tgt Ion:164 Resp: 552137

Ion Ratio Lower Upper

164 100

162 100.5 80.6 120.8

160 44.6 35.7 53.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.334 ng

RT: 8.986 min Scan# 1172

Delta R.T. -0.000 min

Lab File: BF141023.D

Acq: 30 Dec 2024 11:10

Tgt Ion:216 Resp: 734191

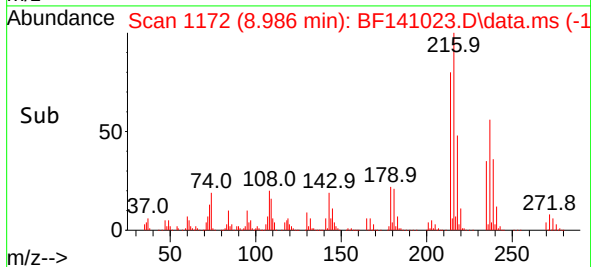
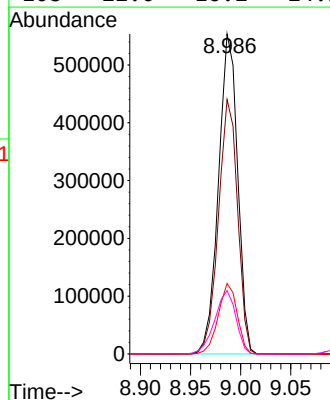
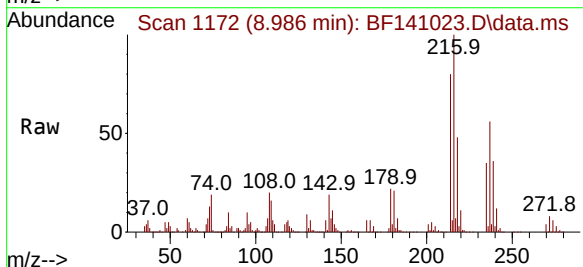
Ion Ratio Lower Upper

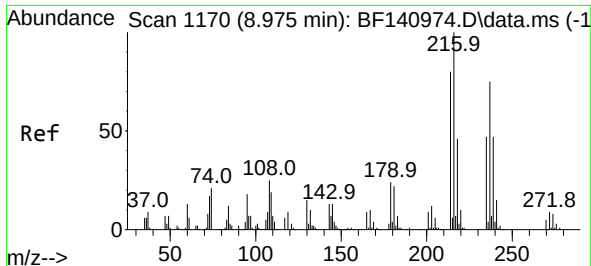
216 100

214 79.4 63.0 94.6

179 21.8 17.9 26.9

108 22.0 16.2 24.2

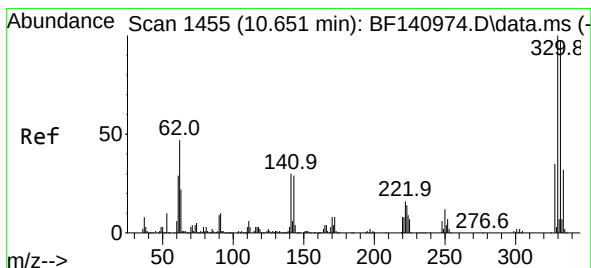
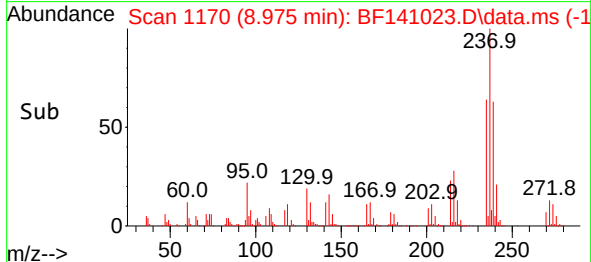
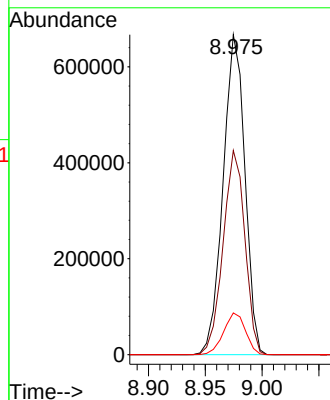
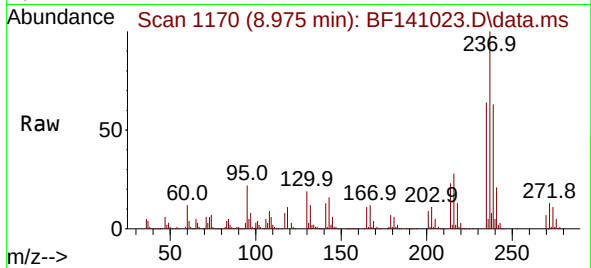




#41
Hexachlorocyclopentadiene
Concen: 177.014 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF141023.D
Acq: 30 Dec 2024 11:10

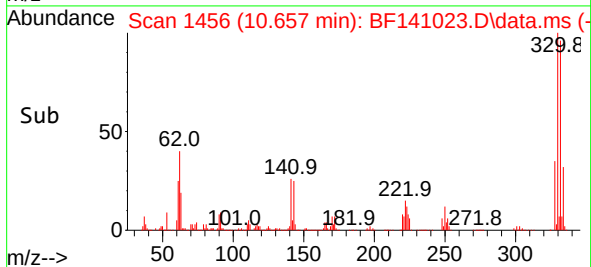
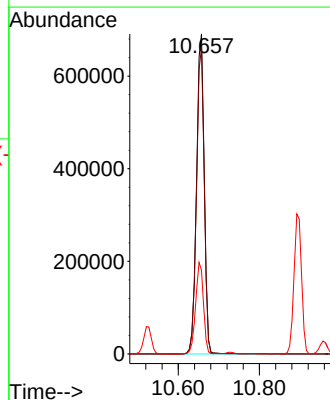
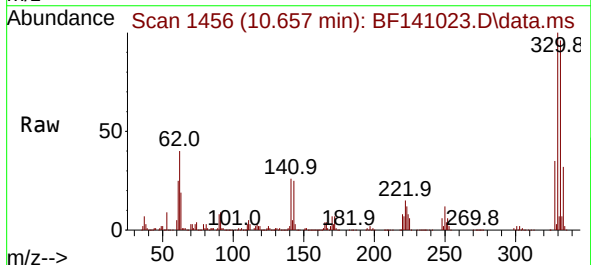
Instrument :
BNA_F
ClientSampleId :
PB165875BS

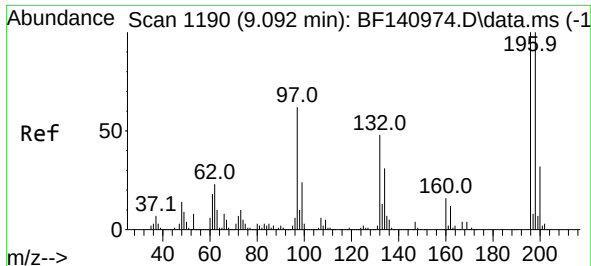
Tgt Ion:237 Resp: 891051
Ion Ratio Lower Upper
237 100
235 63.8 43.4 83.4
272 13.1 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 171.164 ng
RT: 10.657 min Scan# 1456
Delta R.T. 0.006 min
Lab File: BF141023.D
Acq: 30 Dec 2024 11:10

Tgt Ion:330 Resp: 918323
Ion Ratio Lower Upper
330 100
332 95.9 78.0 117.0
141 29.1 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 52.312 ng

RT: 9.098 min Scan# 1190

Delta R.T. 0.006 min

Lab File: BF141023.D

Acq: 30 Dec 2024 11:10

Instrument :

BNA_F

ClientSampleId :

PB165875BS

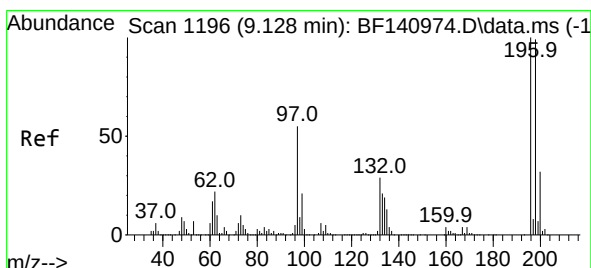
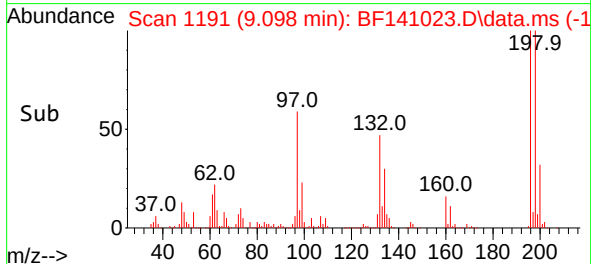
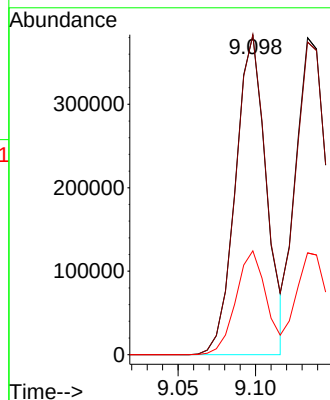
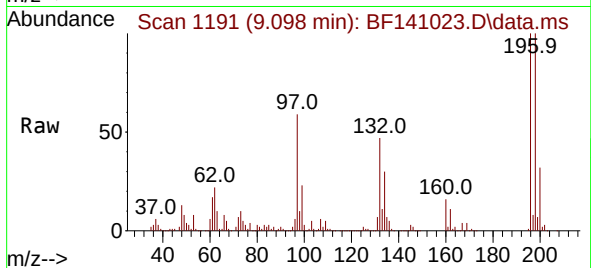
Tgt Ion:196 Resp: 528857

Ion Ratio Lower Upper

196 100

198 100.2 80.2 120.4

200 32.5 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 50.693 ng

RT: 9.133 min Scan# 1197

Delta R.T. 0.006 min

Lab File: BF141023.D

Acq: 30 Dec 2024 11:10

Tgt Ion:196 Resp: 524378

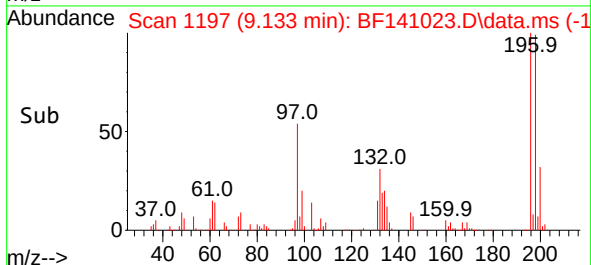
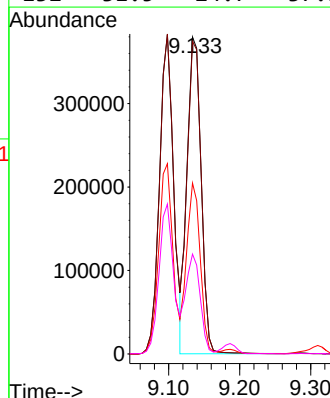
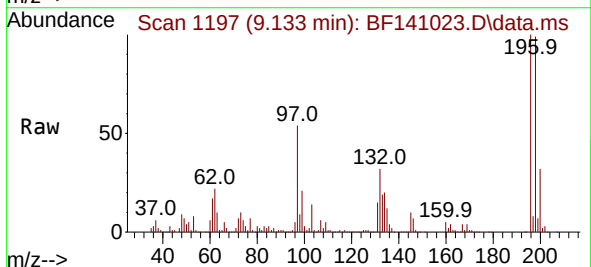
Ion Ratio Lower Upper

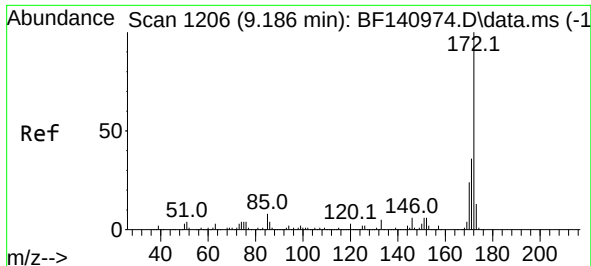
196 100

198 98.6 79.9 119.9

97 53.9 44.3 66.5

132 31.5 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 98.345 ng

RT: 9.186 min Scan# 1206

Delta R.T. -0.000 min

Lab File: BF141023.D

Acq: 30 Dec 2024 11:10

Instrument :

BNA_F

ClientSampleId :

PB165875BS

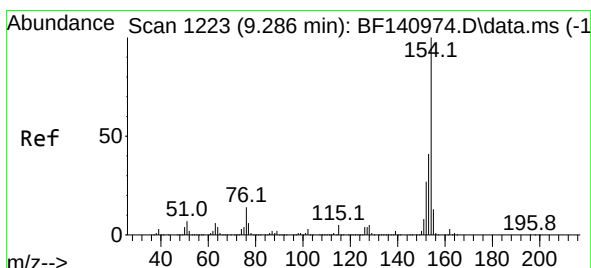
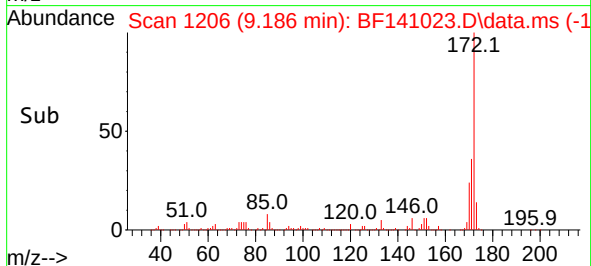
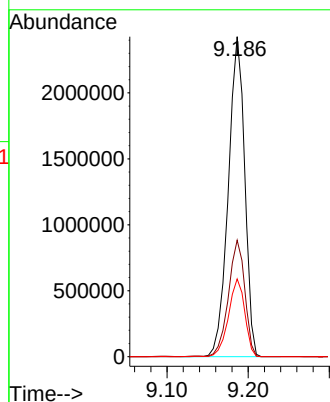
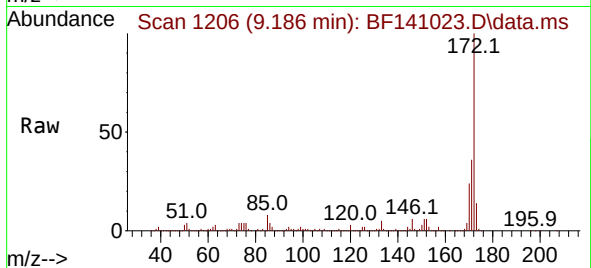
Tgt Ion:172 Resp: 3408154

Ion Ratio Lower Upper

172 100

171 36.4 29.0 43.4

170 24.3 19.6 29.4



#46

1,1'-Biphenyl

Concen: 47.907 ng

RT: 9.286 min Scan# 1223

Delta R.T. 0.000 min

Lab File: BF141023.D

Acq: 30 Dec 2024 11:10

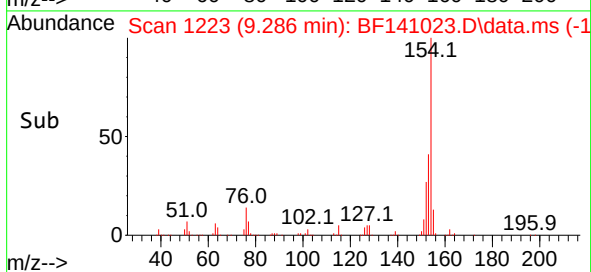
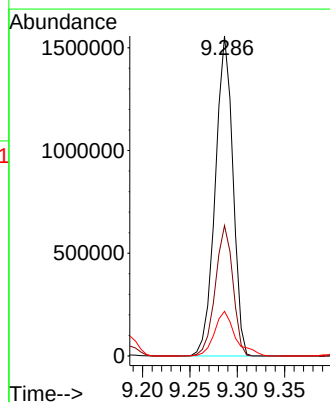
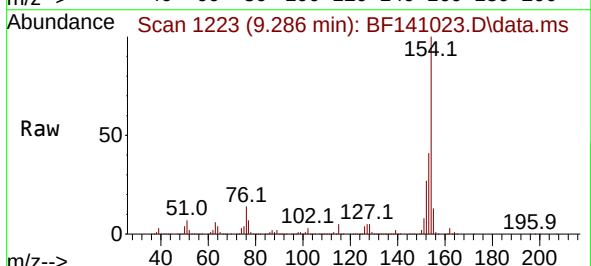
Tgt Ion:154 Resp: 2025360

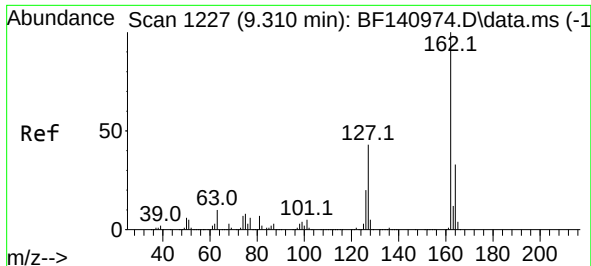
Ion Ratio Lower Upper

154 100

153 40.8 20.9 60.9

76 14.0 0.0 34.0

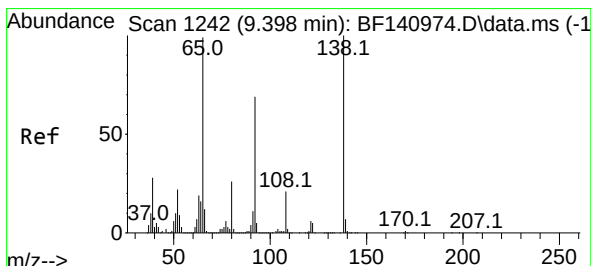
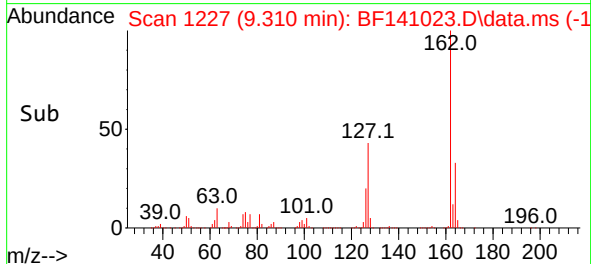
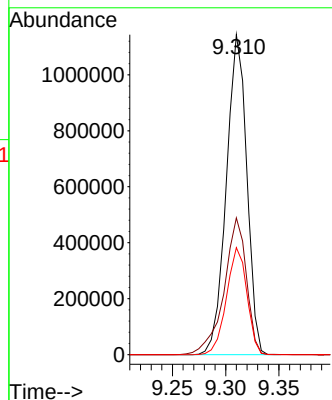
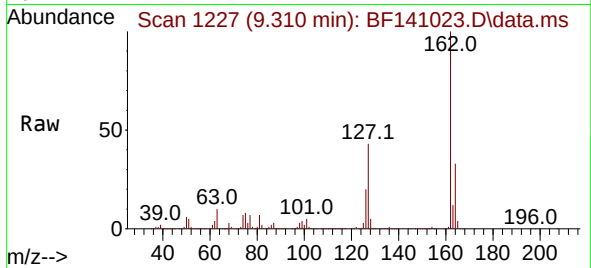




#47
2-Chloronaphthalene
Concen: 46.666 ng
RT: 9.310 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141023.D
Acq: 30 Dec 2024 11:10

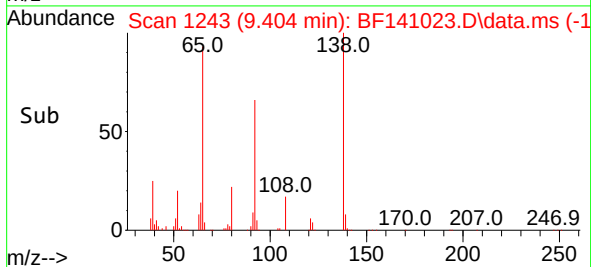
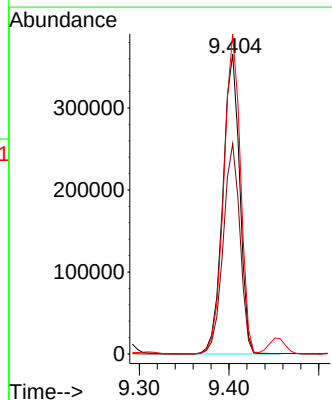
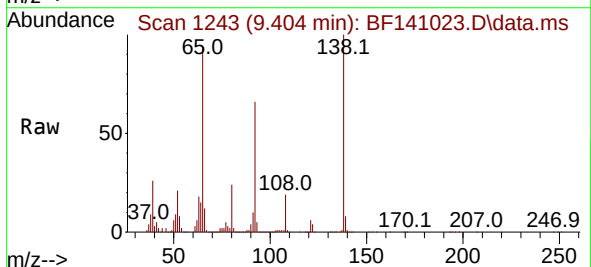
Instrument :
BNA_F
ClientSampleId :
PB165875BS

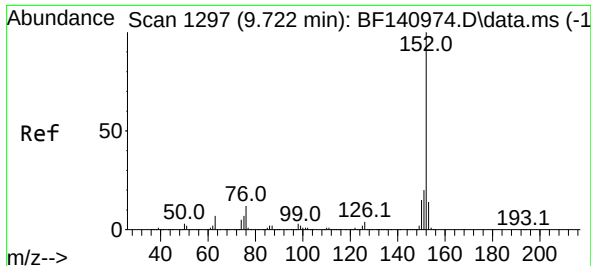
Tgt Ion:162 Resp: 1530113
Ion Ratio Lower Upper
162 100
127 42.8 34.2 51.4
164 33.4 26.6 40.0



#48
2-Nitroaniline
Concen: 55.014 ng
RT: 9.404 min Scan# 1243
Delta R.T. 0.006 min
Lab File: BF141023.D
Acq: 30 Dec 2024 11:10

Tgt Ion: 65 Resp: 478338
Ion Ratio Lower Upper
65 100
92 70.1 55.6 83.4
138 106.7 80.5 120.7





#49

Acenaphthylene

Concen: 50.564 ng

RT: 9.728 min Scan# 1297

Delta R.T. 0.006 min

Lab File: BF141023.D

Acq: 30 Dec 2024 11:10

Instrument :

BNA_F

ClientSampleId :

PB165875BS

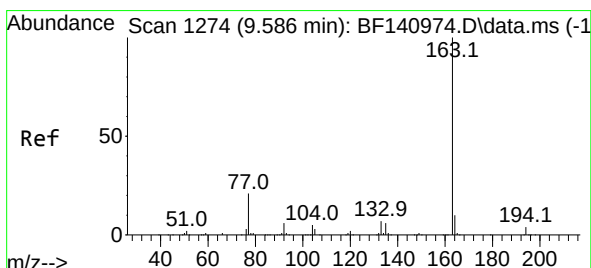
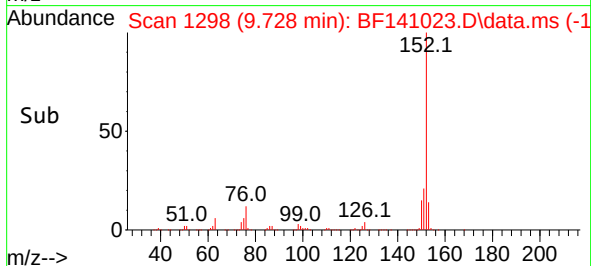
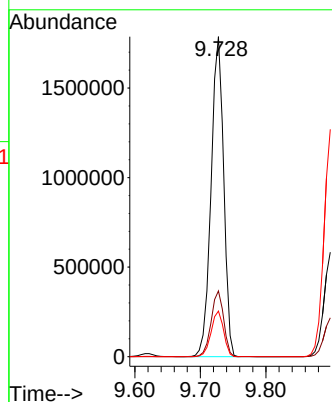
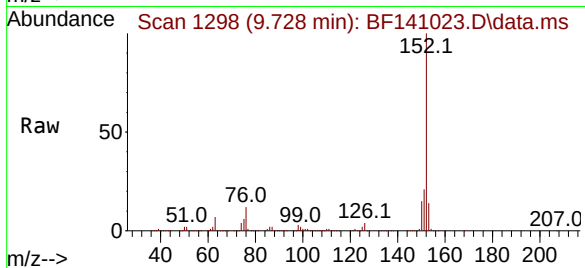
Tgt Ion:152 Resp: 2386655

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.4

153 14.3 11.4 17.0



#50

Dimethylphthalate

Concen: 49.873 ng

RT: 9.586 min Scan# 1274

Delta R.T. 0.000 min

Lab File: BF141023.D

Acq: 30 Dec 2024 11:10

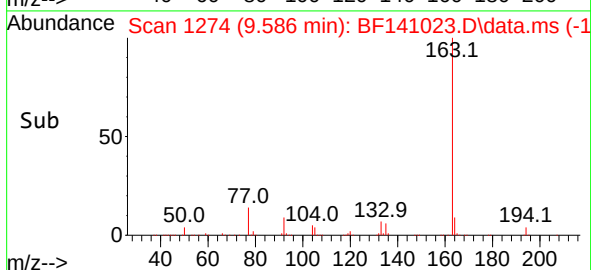
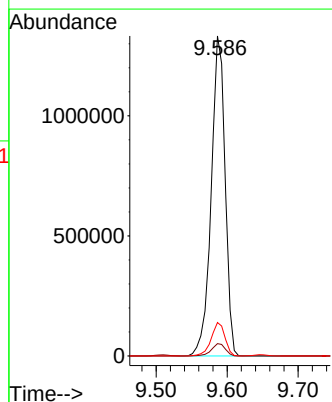
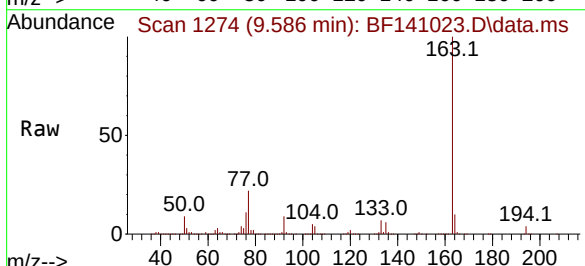
Tgt Ion:163 Resp: 1811270

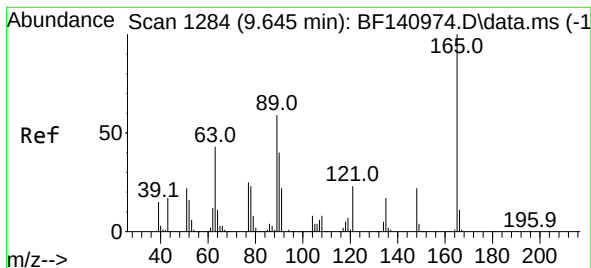
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.4 8.3 12.5

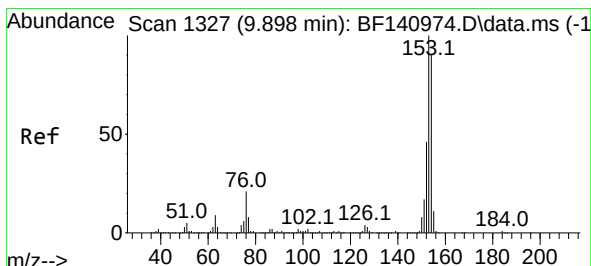
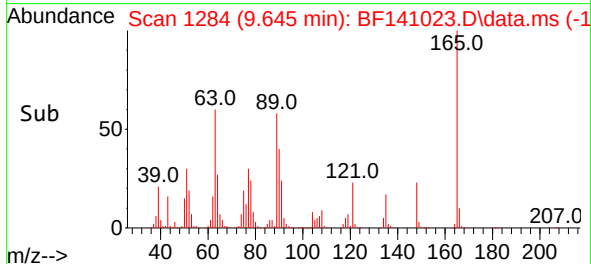
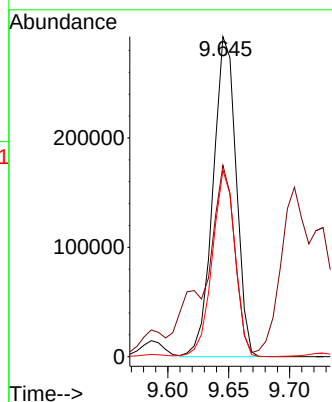
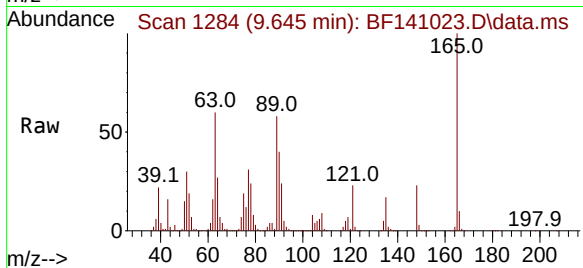




#51
2,6-Dinitrotoluene
Concen: 51.889 ng
RT: 9.645 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF141023.D
Acq: 30 Dec 2024 11:10

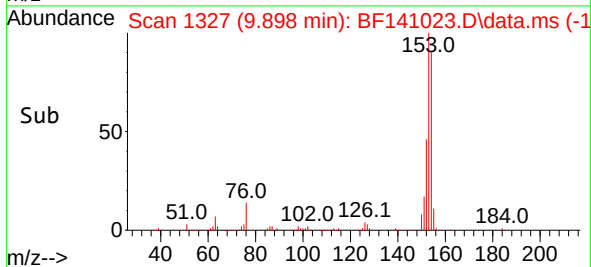
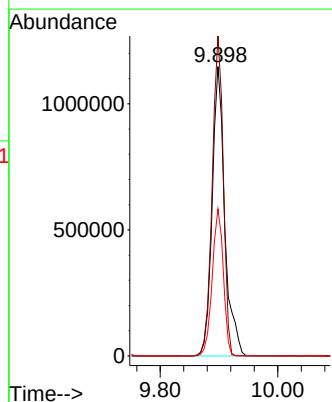
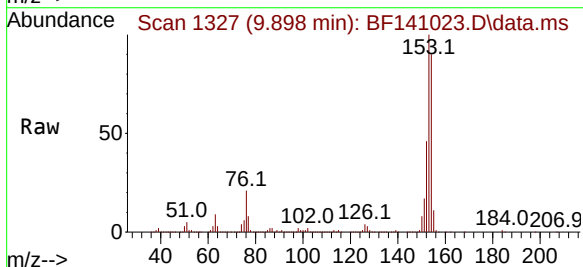
Instrument :
BNA_F
ClientSampleId :
PB165875BS

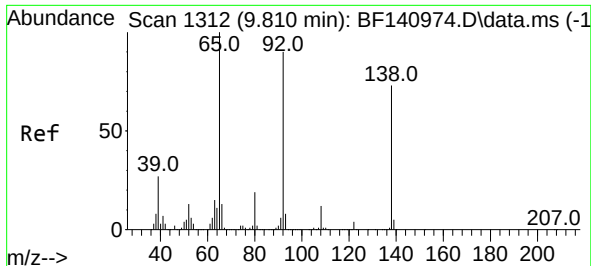
Tgt Ion:165 Resp: 386684
Ion Ratio Lower Upper
165 100
63 59.8 47.1 70.7
89 58.2 47.0 70.4



#52
Acenaphthene
Concen: 53.397 ng
RT: 9.898 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF141023.D
Acq: 30 Dec 2024 11:10

Tgt Ion:154 Resp: 1703903
Ion Ratio Lower Upper
154 100
153 110.6 89.2 133.8
152 50.8 40.9 61.3

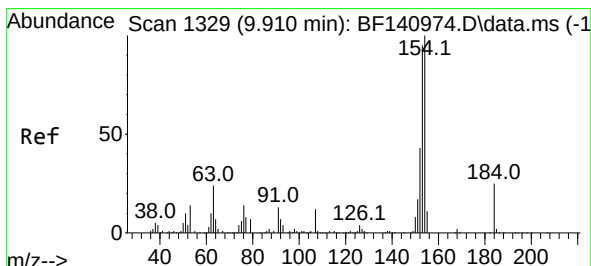
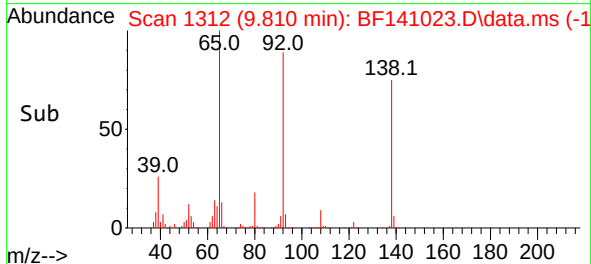
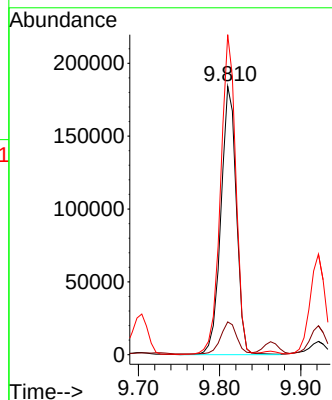
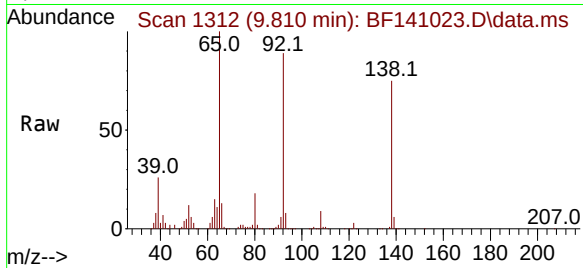




#53
3-Nitroaniline
Concen: 31.486 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141023.D
Acq: 30 Dec 2024 11:10

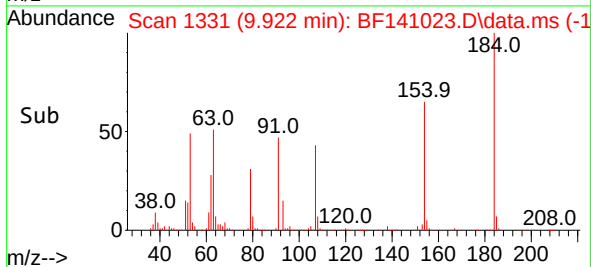
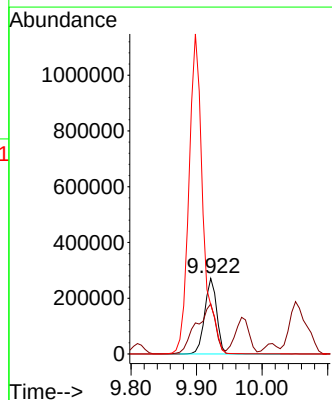
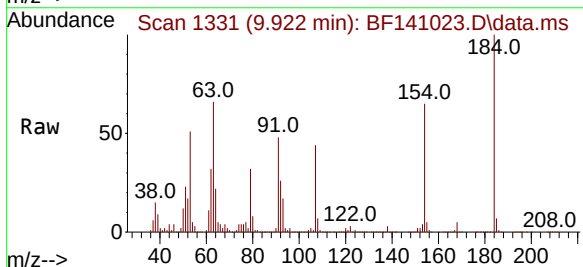
Instrument :
BNA_F
ClientSampleId :
PB165875BS

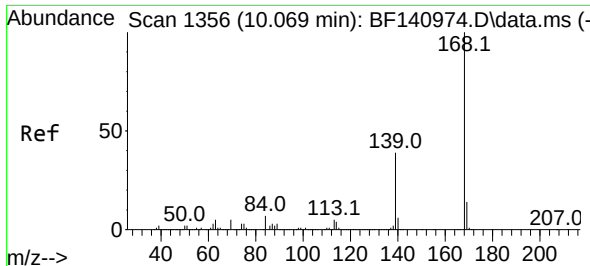
Tgt Ion:138 Resp: 243895
Ion Ratio Lower Upper
138 100
108 12.2 13.5 20.3#
92 119.2 97.7 146.5



#54
2,4-Dinitrophenol
Concen: 103.511 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.012 min
Lab File: BF141023.D
Acq: 30 Dec 2024 11:10

Tgt Ion:184 Resp: 346999
Ion Ratio Lower Upper
184 100
63 66.3 81.6 122.4#
154 64.8 363.5 545.3#

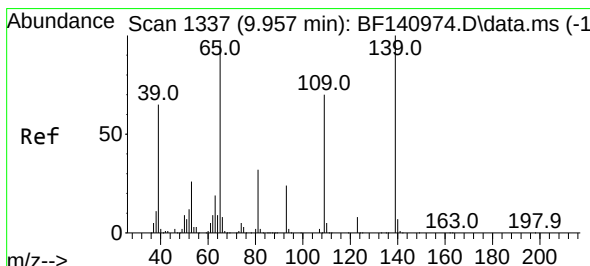
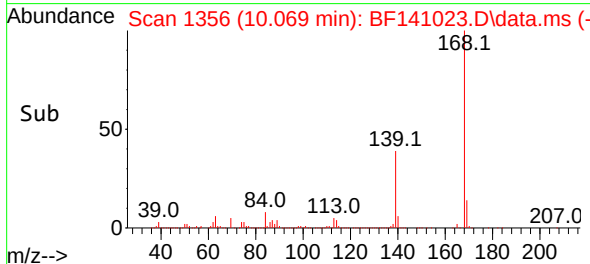
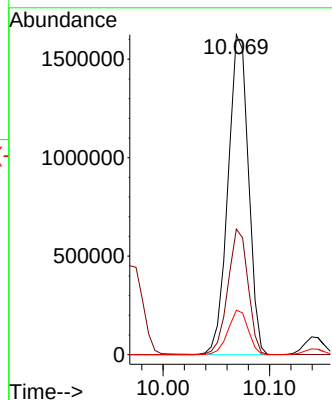
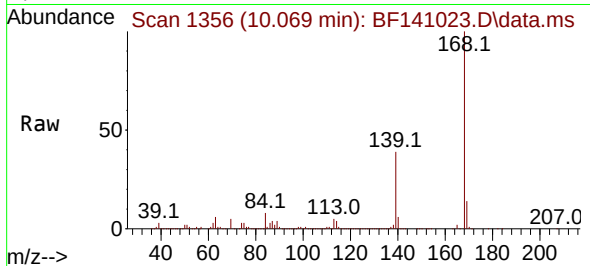




#55
Dibenzenofuran
Concen: 48.261 ng
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141023.D
Acq: 30 Dec 2024 11:10

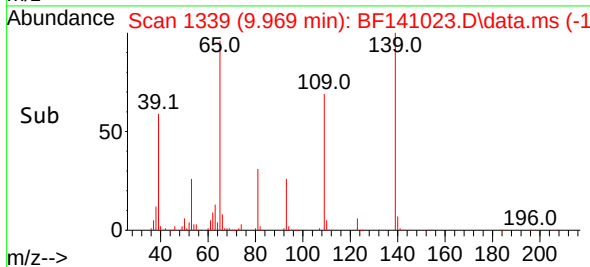
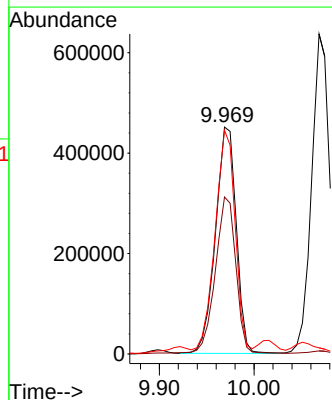
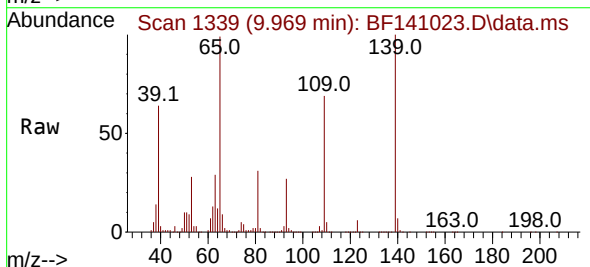
Instrument :
BNA_F
ClientSampleId :
PB165875BS

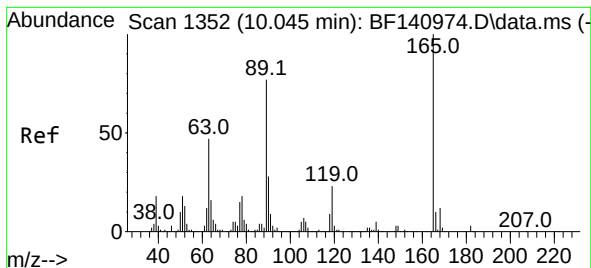
Tgt Ion:168 Resp: 2164238
Ion Ratio Lower Upper
168 100
139 39.2 31.6 47.4
169 13.9 11.0 16.6



#56
4-Nitrophenol
Concen: 110.657 ng
RT: 9.969 min Scan# 1339
Delta R.T. 0.012 min
Lab File: BF141023.D
Acq: 30 Dec 2024 11:10

Tgt Ion:139 Resp: 687448
Ion Ratio Lower Upper
139 100
109 69.2 50.8 90.8
65 98.6 78.5 118.5

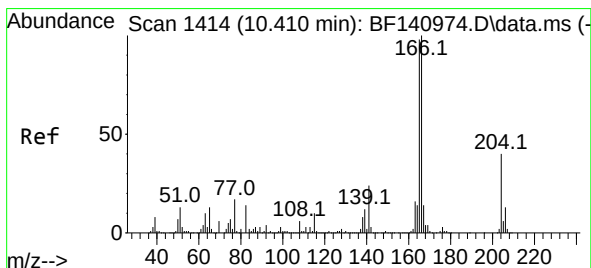
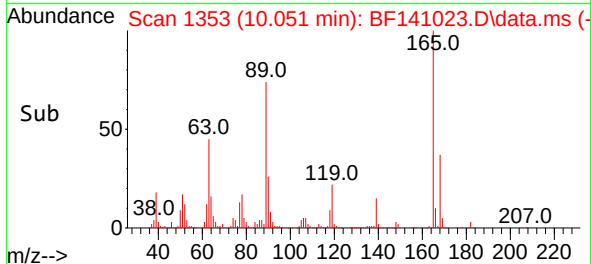
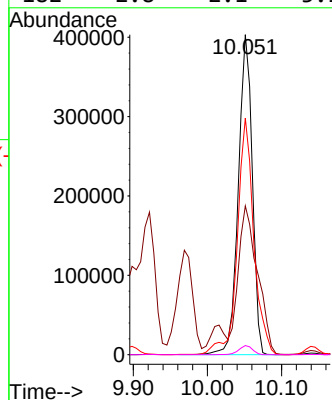
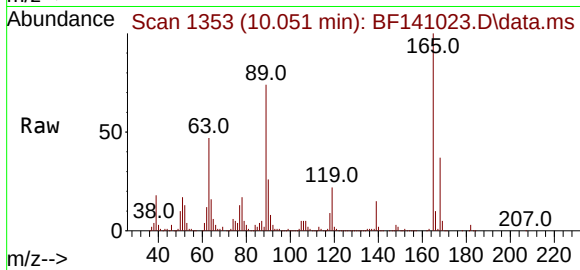




#57
2,4-Dinitrotoluene
Concen: 57.263 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF141023.D
Acq: 30 Dec 2024 11:10

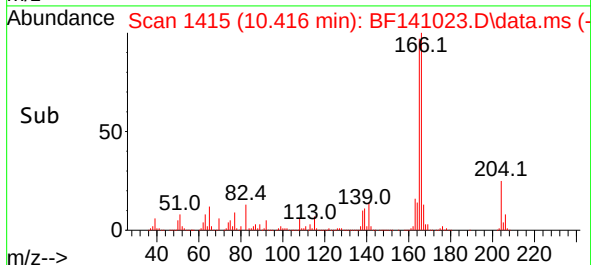
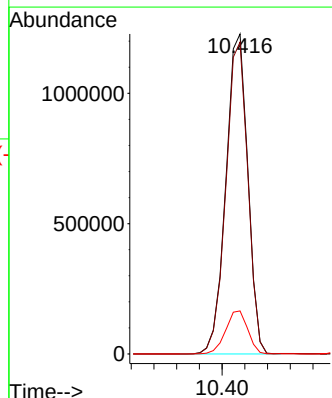
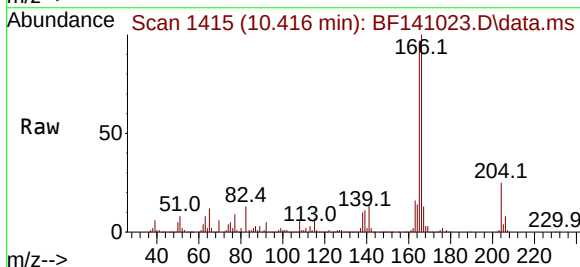
Instrument :
BNA_F
ClientSampleId :
PB165875BS

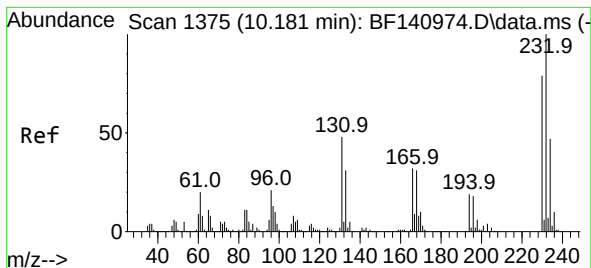
Tgt Ion:165 Resp: 527679
Ion Ratio Lower Upper
165 100
63 46.5 38.1 57.1
89 73.9 61.4 92.2
182 2.8 2.1 3.1



#58
Fluorene
Concen: 47.369 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF141023.D
Acq: 30 Dec 2024 11:10

Tgt Ion:166 Resp: 1647245
Ion Ratio Lower Upper
166 100
165 97.5 78.3 117.5
167 13.5 10.9 16.3

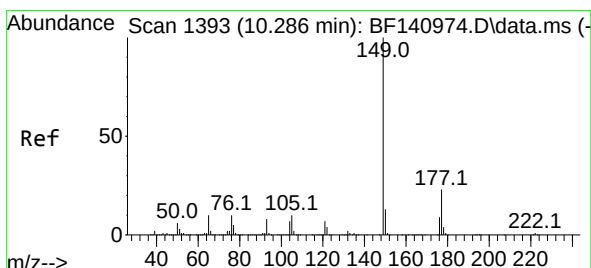
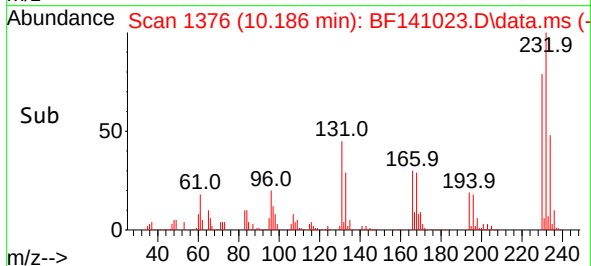
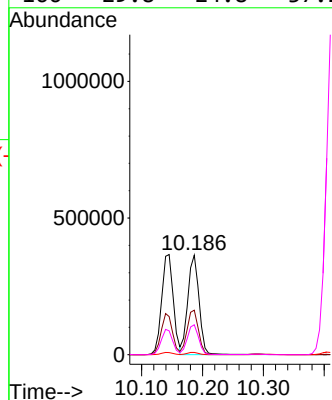
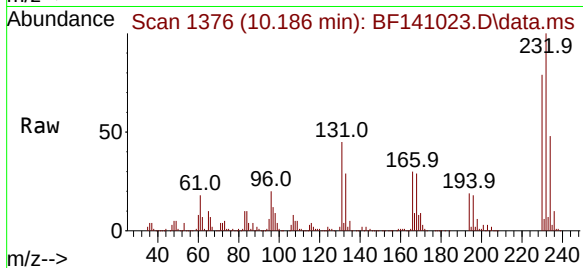




#59
2,3,4,6-Tetrachlorophenol
Concen: 54.432 ng
RT: 10.186 min Scan# 1375
Delta R.T. 0.006 min
Lab File: BF141023.D
Acq: 30 Dec 2024 11:10

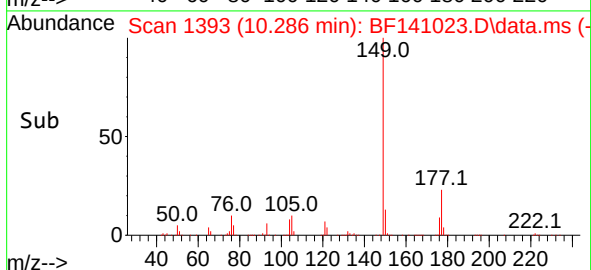
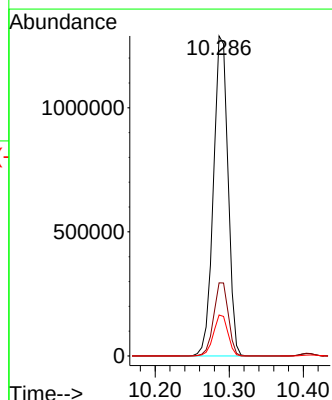
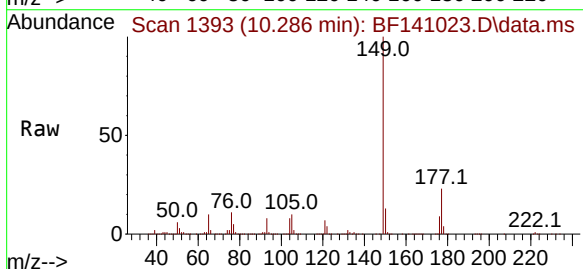
Instrument :
BNA_F
ClientSampleId :
PB165875BS

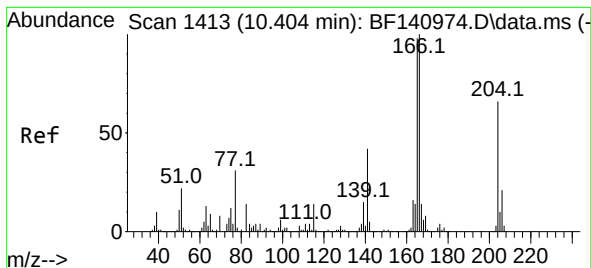
Tgt Ion:232 Resp: 466322
Ion Ratio Lower Upper
232 100
131 45.3 37.4 56.2
130 2.4 1.8 2.8
166 29.8 24.8 37.2



#60
Diethylphthalate
Concen: 49.039 ng
RT: 10.286 min Scan# 1393
Delta R.T. -0.000 min
Lab File: BF141023.D
Acq: 30 Dec 2024 11:10

Tgt Ion:149 Resp: 1758261
Ion Ratio Lower Upper
149 100
177 22.9 18.3 27.5
150 12.8 10.4 15.6

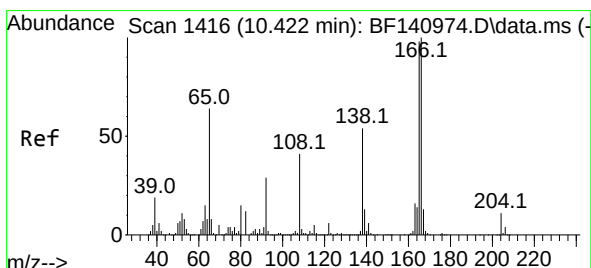
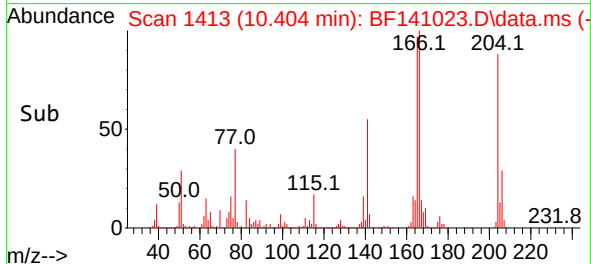
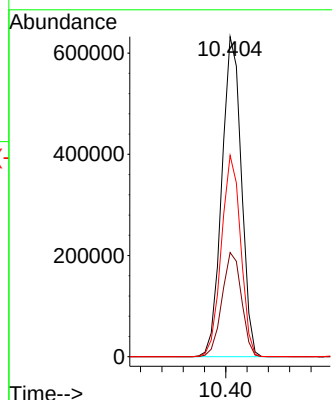
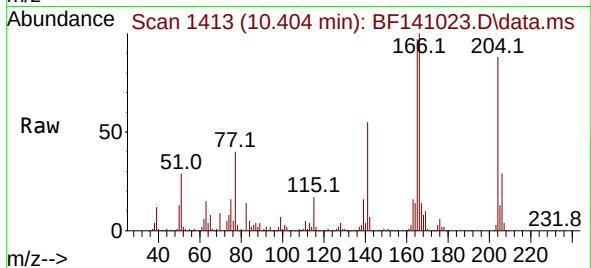




#61
4-Chlorophenyl-phenylether
Concen: 47.956 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF141023.D
Acq: 30 Dec 2024 11:10

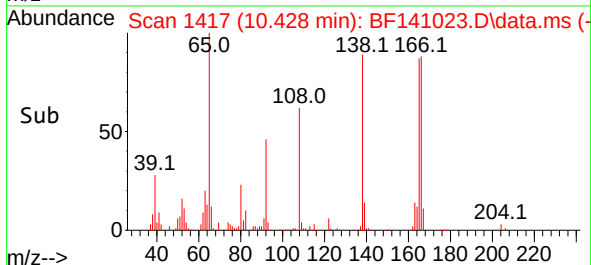
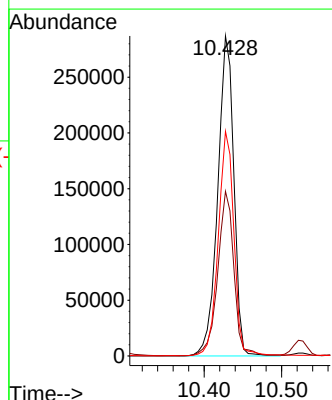
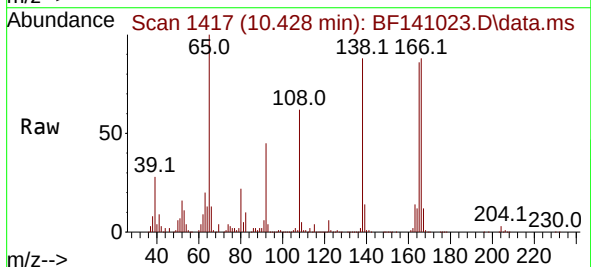
Instrument :
BNA_F
ClientSampleId :
PB165875BS

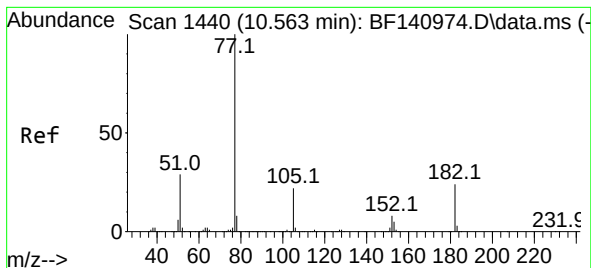
Tgt Ion:204 Resp: 802445
Ion Ratio Lower Upper
204 100
206 32.5 25.8 38.6
141 62.9 51.2 76.8



#62
4-Nitroaniline
Concen: 51.404 ng
RT: 10.428 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF141023.D
Acq: 30 Dec 2024 11:10

Tgt Ion:138 Resp: 415682
Ion Ratio Lower Upper
138 100
92 51.5 34.8 74.8
108 70.2 55.9 95.9





#63

Azobenzene

Concen: 48.294 ng

RT: 10.569 min Scan# 1440

Delta R.T. 0.006 min

Lab File: BF141023.D

Acq: 30 Dec 2024 11:10

Instrument :

BNA_F

ClientSampleId :

PB165875BS

Tgt Ion: 77 Resp: 1817459

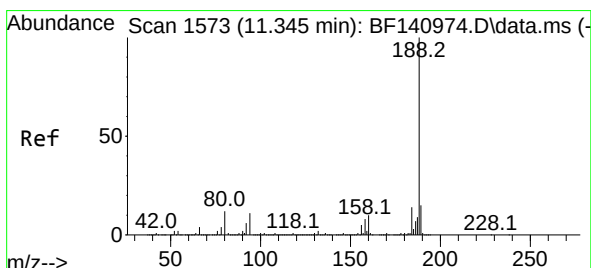
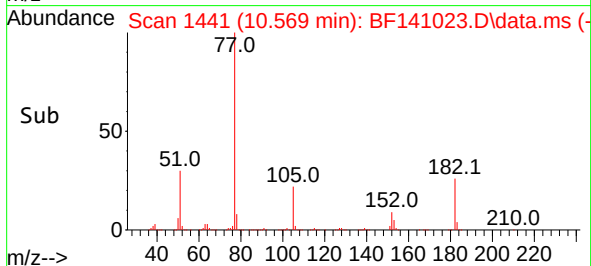
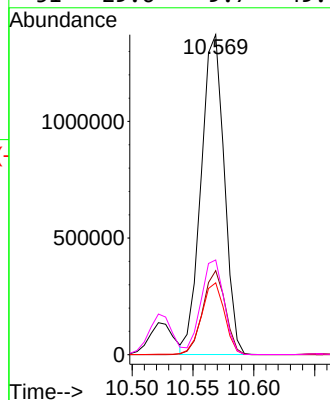
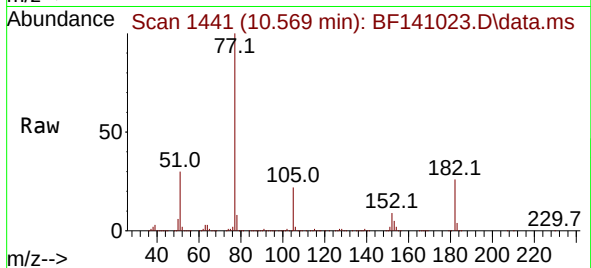
Ion Ratio Lower Upper

77 100

182 26.2 4.1 44.1

105 22.5 1.8 41.8

51 29.6 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: BF141023.D

Acq: 30 Dec 2024 11:10

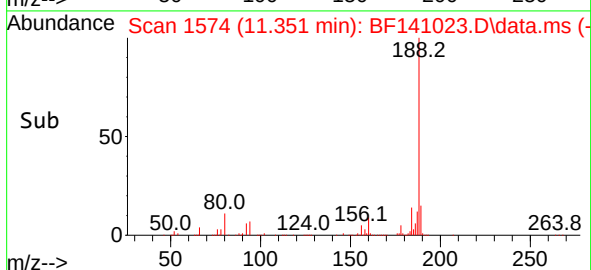
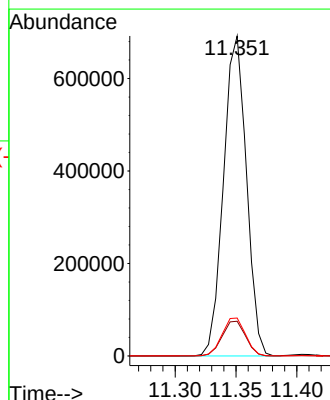
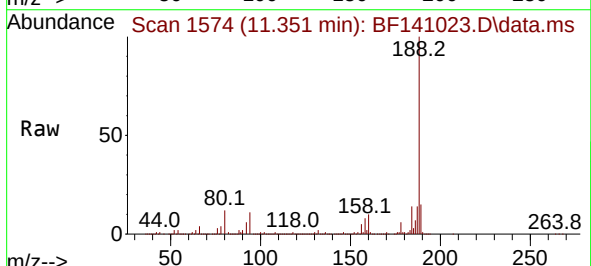
Tgt Ion:188 Resp: 907991

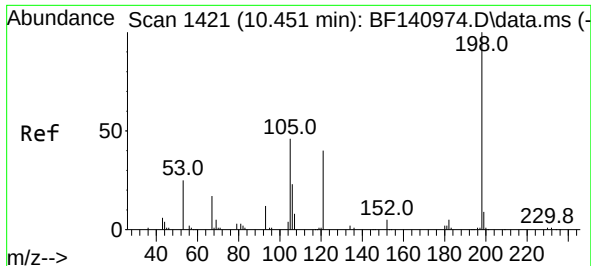
Ion Ratio Lower Upper

188 100

94 10.9 9.0 13.6

80 11.9 9.8 14.6

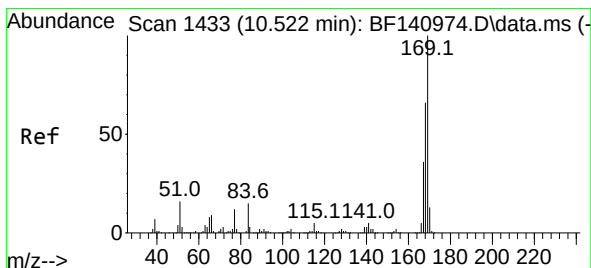
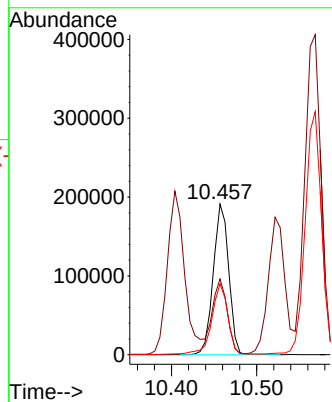
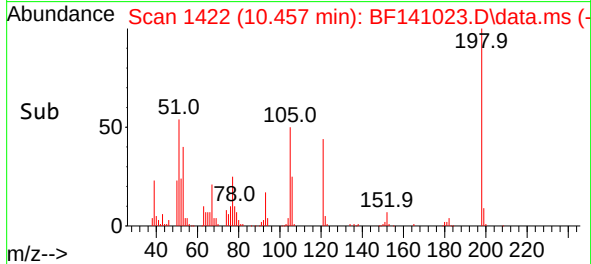
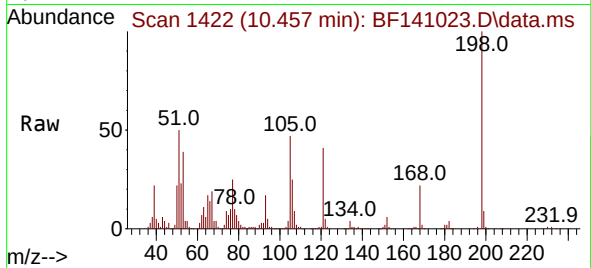




#65
4,6-Dinitro-2-methylphenol
Concen: 62.897 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF141023.D
Acq: 30 Dec 2024 11:10

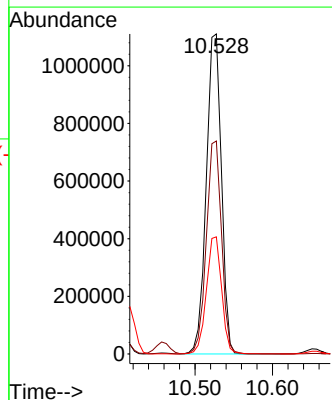
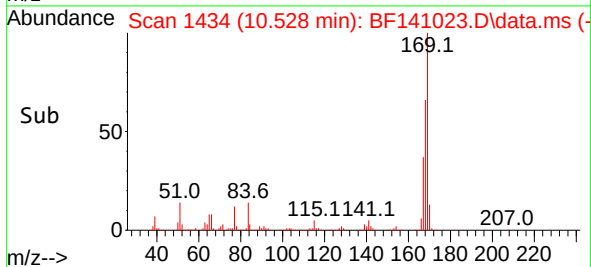
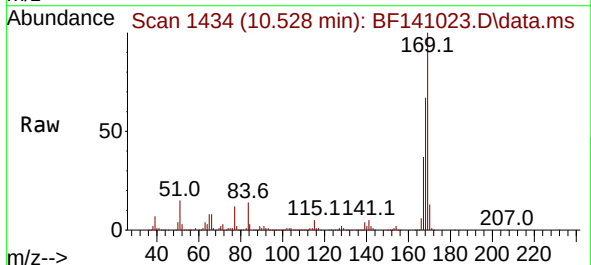
Instrument :
BNA_F
ClientSampleId :
PB165875BS

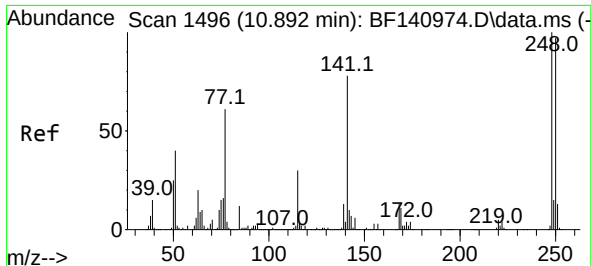
Tgt Ion:198 Resp: 240736
Ion Ratio Lower Upper
198 100
51 50.3 32.3 72.3
105 47.1 28.4 68.4



#66
n-Nitrosodiphenylamine
Concen: 52.494 ng
RT: 10.528 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF141023.D
Acq: 30 Dec 2024 11:10

Tgt Ion:169 Resp: 1500926
Ion Ratio Lower Upper
169 100
168 66.5 52.6 79.0
167 36.6 29.0 43.4

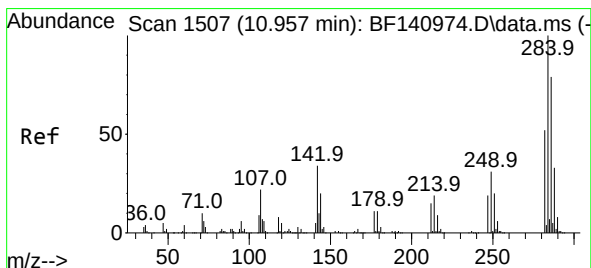
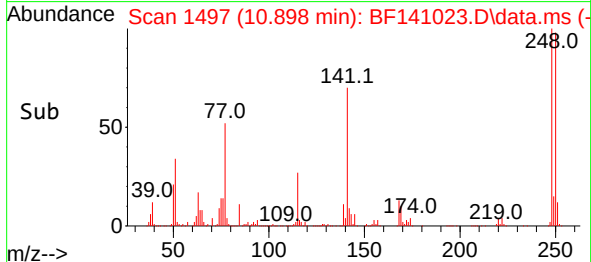
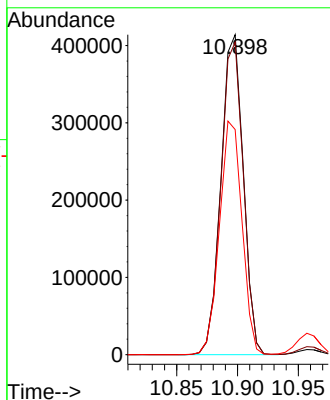
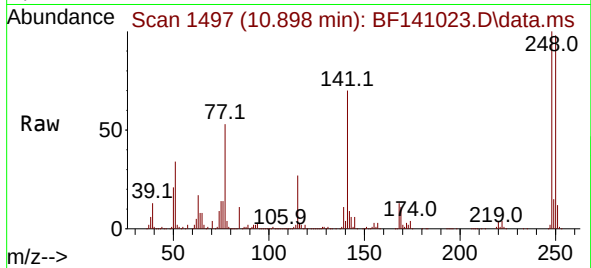




#67
4-Bromophenyl-phenylether
Concen: 53.958 ng
RT: 10.898 min Scan# 1496
Delta R.T. 0.006 min
Lab File: BF141023.D
Acq: 30 Dec 2024 11:10

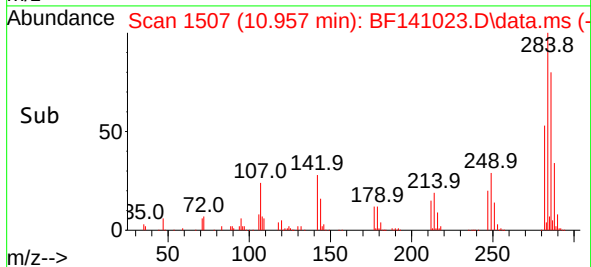
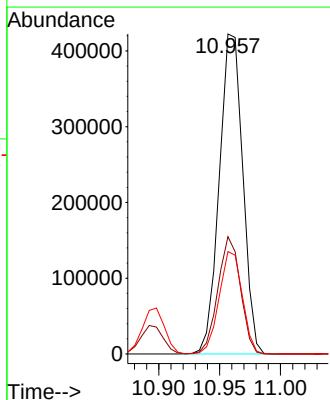
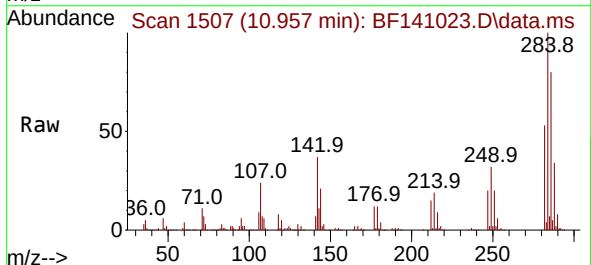
Instrument :
BNA_F
ClientSampleId :
PB165875BS

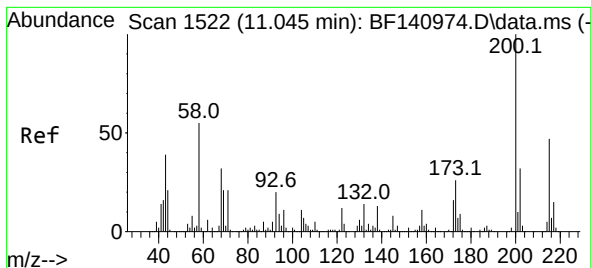
Tgt Ion:248 Resp: 529630
Ion Ratio Lower Upper
248 100
250 97.7 77.7 116.5
141 70.3 62.1 93.1



#68
Hexachlorobenzene
Concen: 52.461 ng
RT: 10.957 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BF141023.D
Acq: 30 Dec 2024 11:10

Tgt Ion:284 Resp: 567796
Ion Ratio Lower Upper
284 100
142 36.6 27.1 40.7
249 32.0 25.1 37.7





#69

Atrazine

Concen: 64.200 ng

RT: 11.051 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF141023.D

Acq: 30 Dec 2024 11:10

Instrument :

BNA_F

ClientSampleId :

PB165875BS

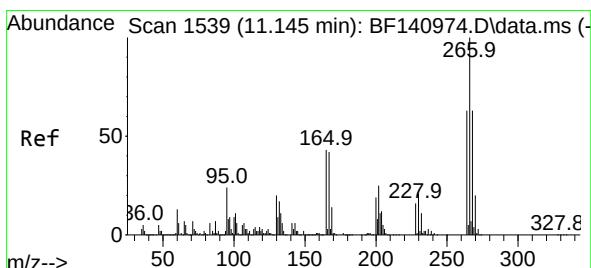
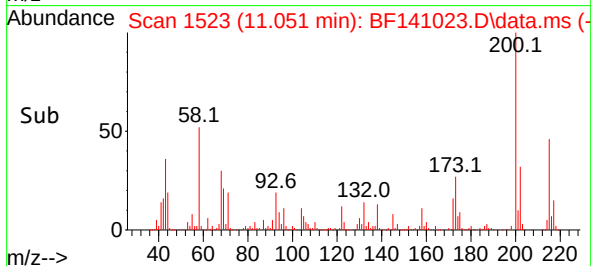
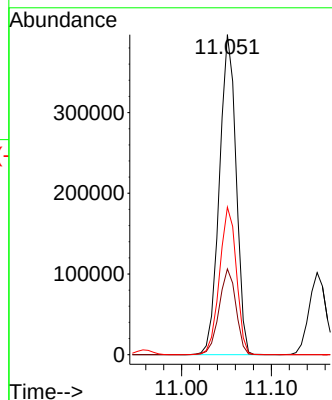
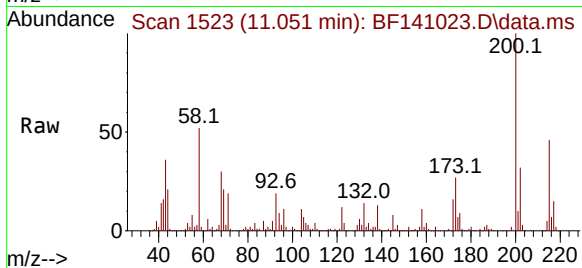
Tgt Ion:200 Resp: 512817

Ion Ratio Lower Upper

200 100

173 26.8 6.4 46.4

215 46.1 27.2 67.2



#70

Pentachlorophenol

Concen: 106.339 ng

RT: 11.151 min Scan# 1540

Delta R.T. 0.006 min

Lab File: BF141023.D

Acq: 30 Dec 2024 11:10

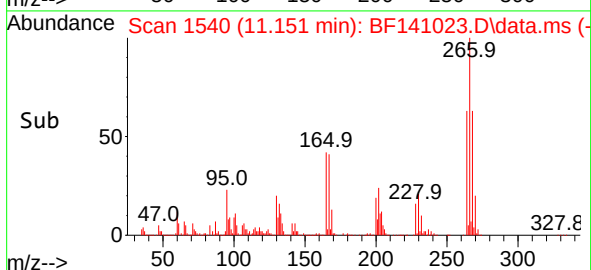
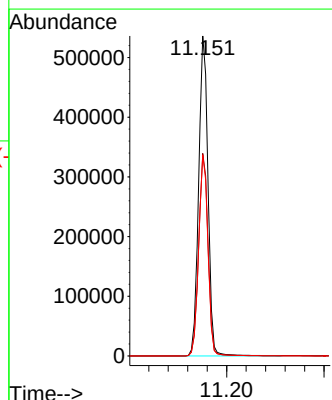
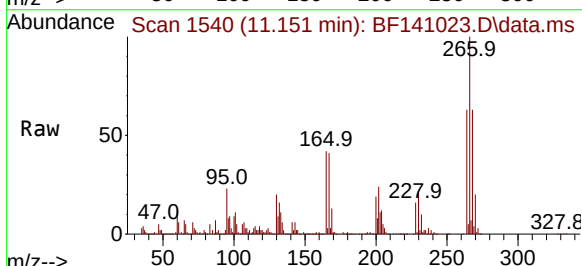
Tgt Ion:266 Resp: 716578

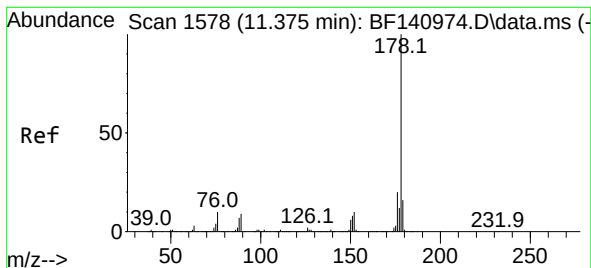
Ion Ratio Lower Upper

266 100

268 63.3 50.5 75.7

264 62.9 50.2 75.4





#71

Phenanthrene

Concen: 51.889 ng

RT: 11.374 min Scan# 1578

Delta R.T. -0.000 min

Lab File: BF141023.D

Acq: 30 Dec 2024 11:10

Instrument :

BNA_F

ClientSampleId :

PB165875BS

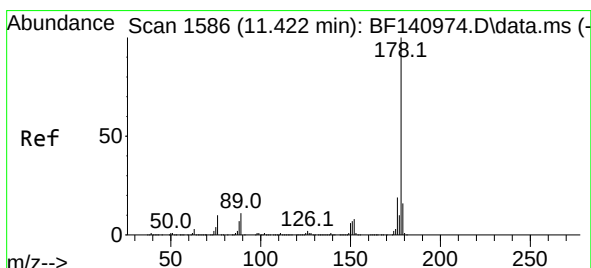
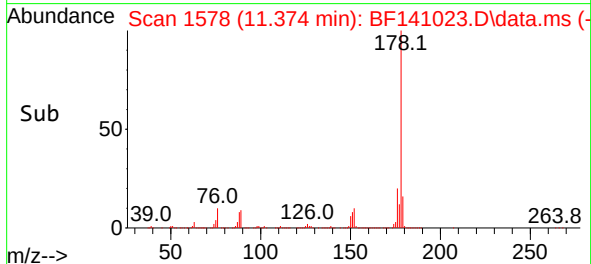
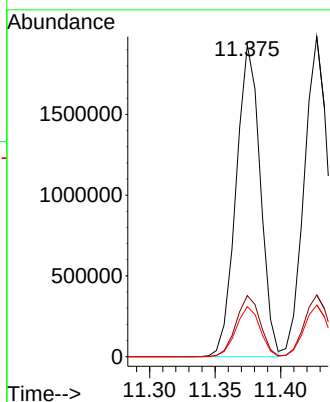
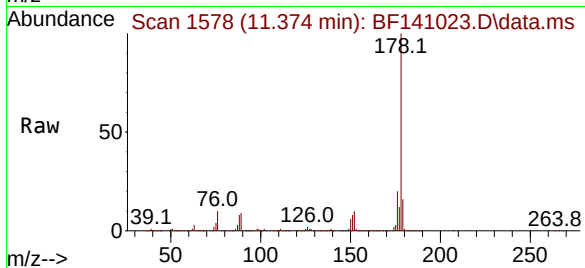
Tgt Ion:178 Resp: 2479684

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.6

179 16.1 12.6 19.0



#72

Anthracene

Concen: 53.523 ng

RT: 11.427 min Scan# 1587

Delta R.T. 0.006 min

Lab File: BF141023.D

Acq: 30 Dec 2024 11:10

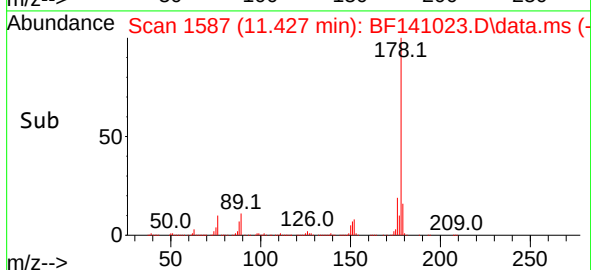
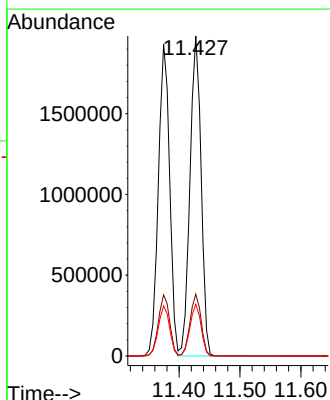
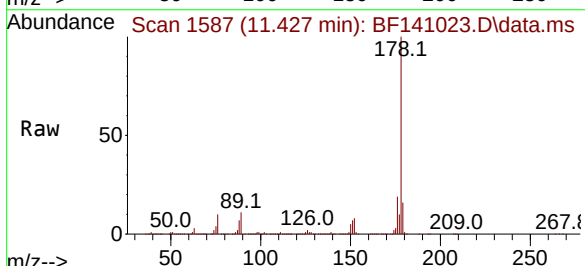
Tgt Ion:178 Resp: 2506325

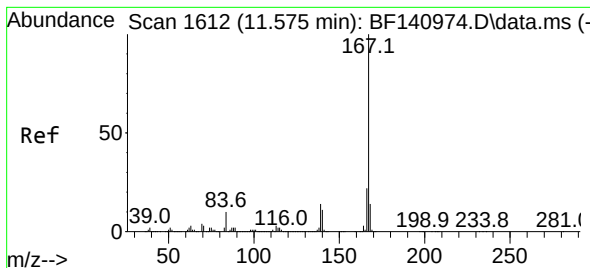
Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

179 16.1 12.9 19.3





#73

Carbazole

Concen: 48.929 ng

RT: 11.580 min Scan# 1613

Delta R.T. 0.006 min

Lab File: BF141023.D

Acq: 30 Dec 2024 11:10

Instrument :

BNA_F

ClientSampleId :

PB165875BS

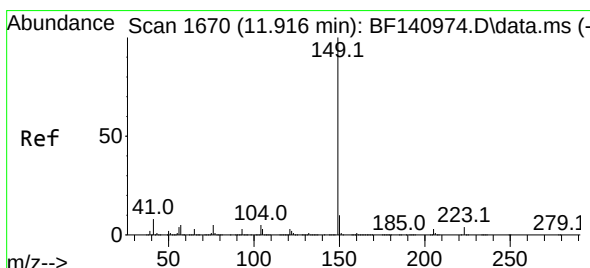
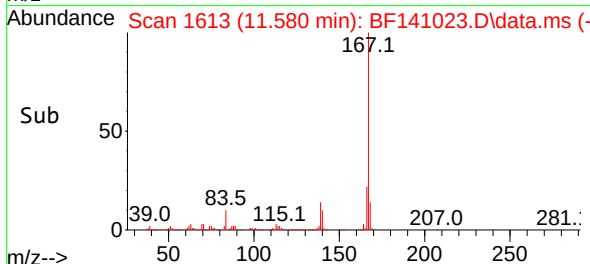
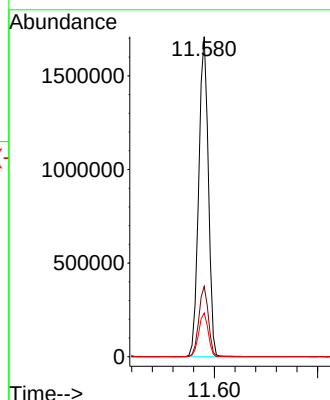
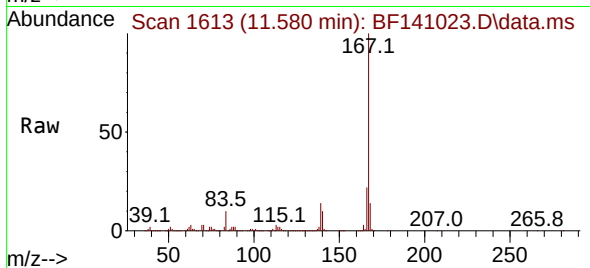
Tgt Ion:167 Resp: 2202555

Ion Ratio Lower Upper

167 100

166 21.9 17.5 26.3

139 13.6 11.0 16.4



#74

Di-n-butylphthalate

Concen: 50.964 ng

RT: 11.916 min Scan# 1670

Delta R.T. -0.000 min

Lab File: BF141023.D

Acq: 30 Dec 2024 11:10

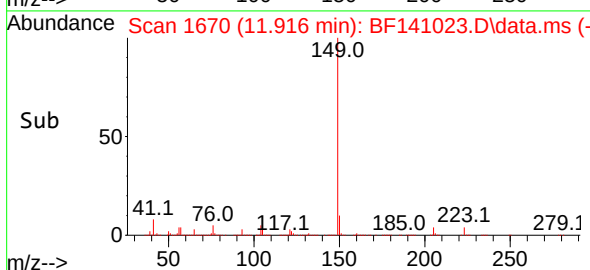
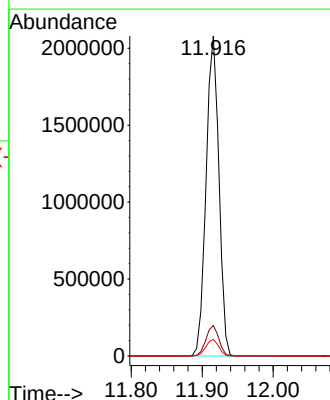
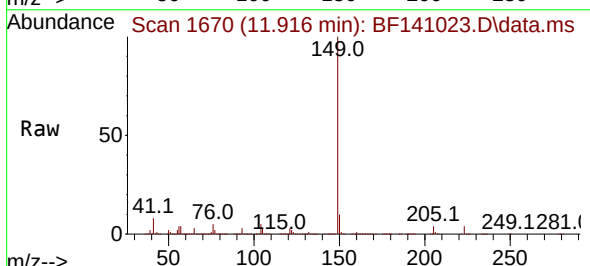
Tgt Ion:149 Resp: 2609386

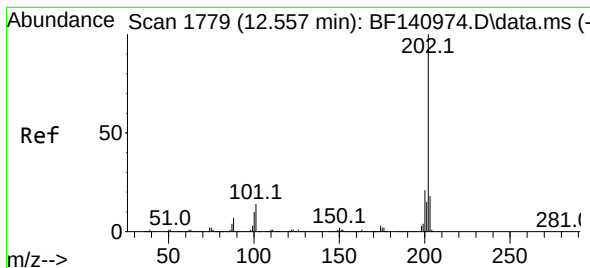
Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

104 5.2 4.1 6.1





#75

Fluoranthene

Concen: 48.215 ng

RT: 12.563 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF141023.D

Acq: 30 Dec 2024 11:10

Instrument :

BNA_F

ClientSampleId :

PB165875BS

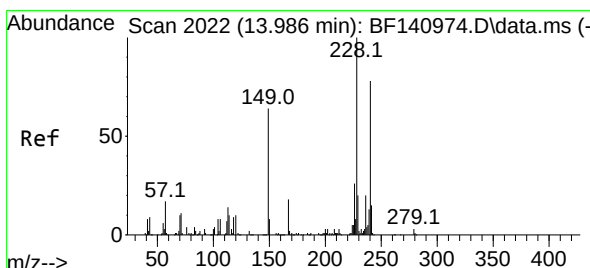
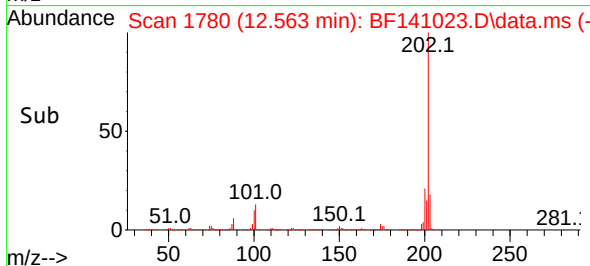
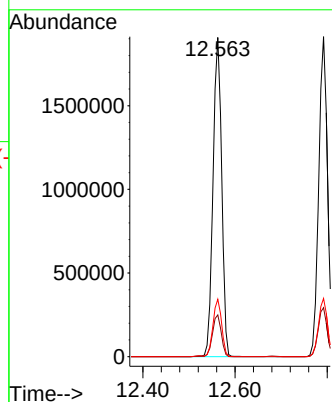
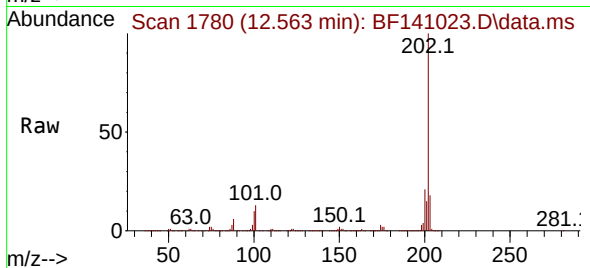
Tgt Ion:202 Resp: 2498957

Ion Ratio Lower Upper

202 100

101 13.1 0.0 33.7

203 18.0 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: BF141023.D

Acq: 30 Dec 2024 11:10

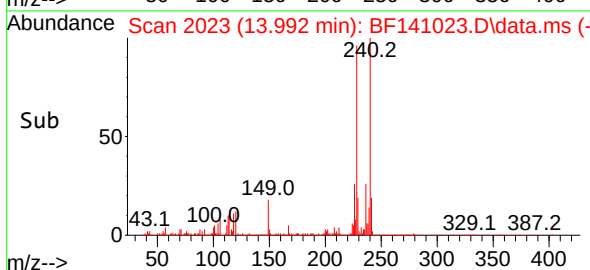
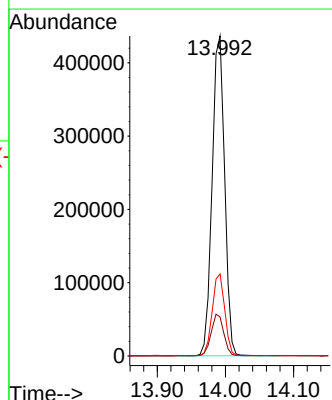
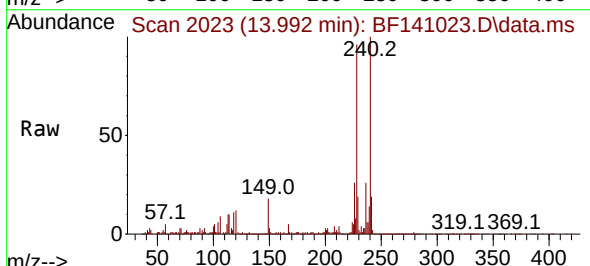
Tgt Ion:240 Resp: 558420

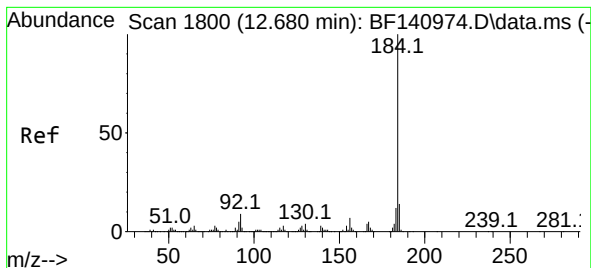
Ion Ratio Lower Upper

240 100

120 12.2 10.7 16.1

236 25.7 20.6 31.0





#77

Benzidine

Concen: 53.617 ng

RT: 12.680 min Scan# 1800

Delta R.T. -0.000 min

Lab File: BF141023.D

Acq: 30 Dec 2024 11:10

Instrument :

BNA_F

ClientSampleId :

PB165875BS

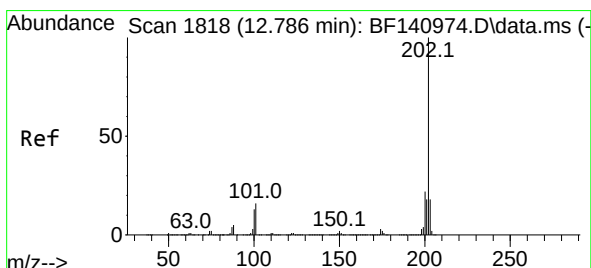
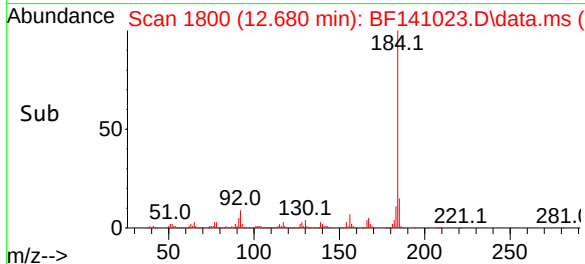
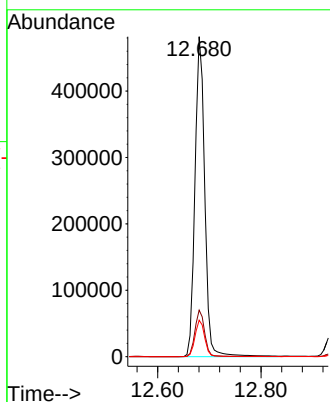
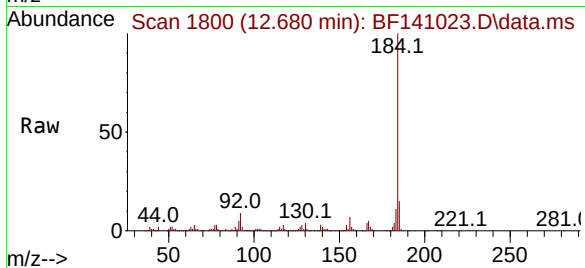
Tgt Ion:184 Resp: 632772

Ion Ratio Lower Upper

184 100

185 14.5 11.4 17.2

183 11.4 9.4 14.0



#78

Pyrene

Concen: 51.229 ng

RT: 12.792 min Scan# 1819

Delta R.T. 0.006 min

Lab File: BF141023.D

Acq: 30 Dec 2024 11:10

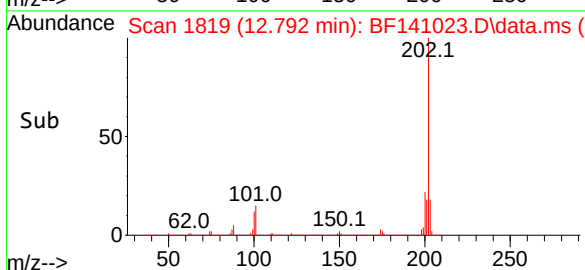
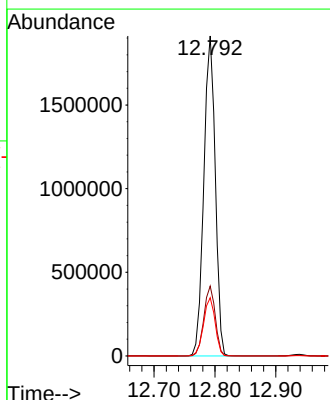
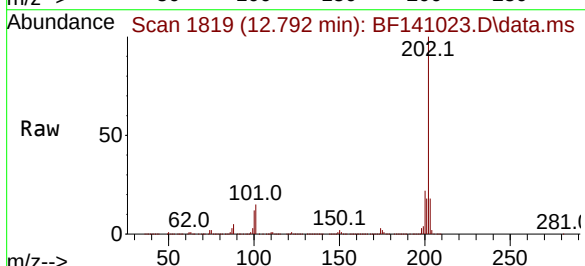
Tgt Ion:202 Resp: 2501956

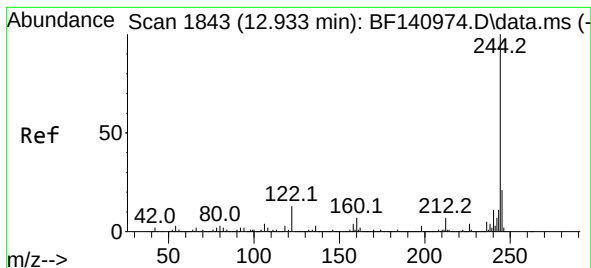
Ion Ratio Lower Upper

202 100

200 21.8 17.3 25.9

203 18.2 14.6 21.8





#79

Terphenyl-d14

Concen: 109.281 ng

RT: 12.939 min Scan# 1843

Delta R.T. 0.006 min

Lab File: BF141023.D

Acq: 30 Dec 2024 11:10

Instrument :

BNA_F

ClientSampleId :

PB165875BS

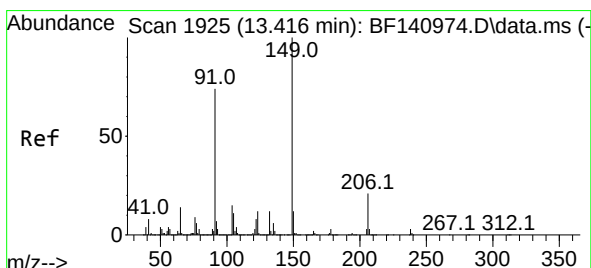
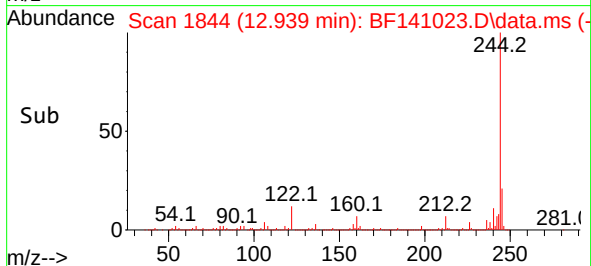
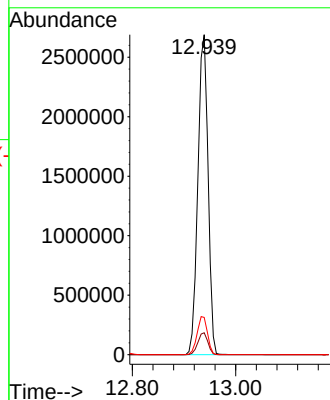
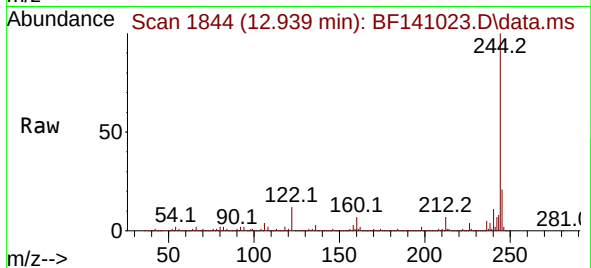
Tgt Ion:244 Resp: 3673996

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

122 11.7 10.2 15.2



#80

Butylbenzylphthalate

Concen: 51.785 ng

RT: 13.410 min Scan# 1924

Delta R.T. -0.006 min

Lab File: BF141023.D

Acq: 30 Dec 2024 11:10

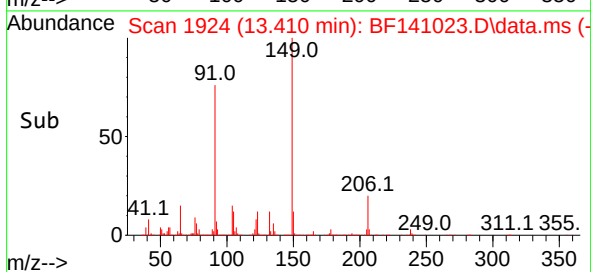
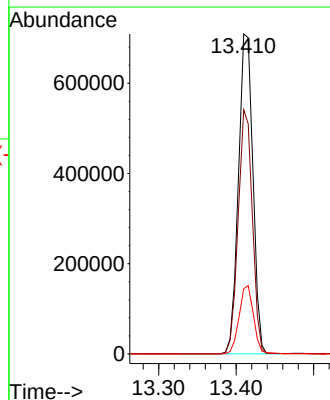
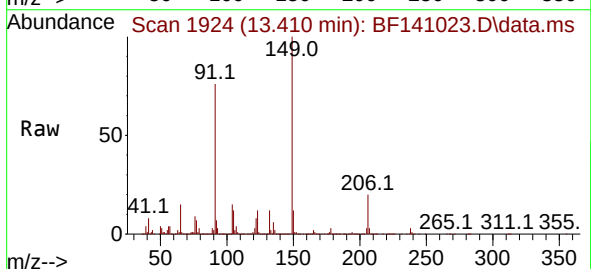
Tgt Ion:149 Resp: 923506

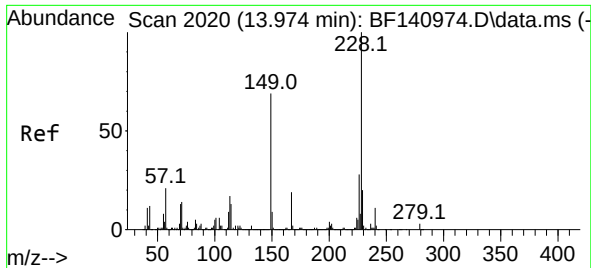
Ion Ratio Lower Upper

149 100

91 76.3 59.5 89.3

206 20.4 17.1 25.7

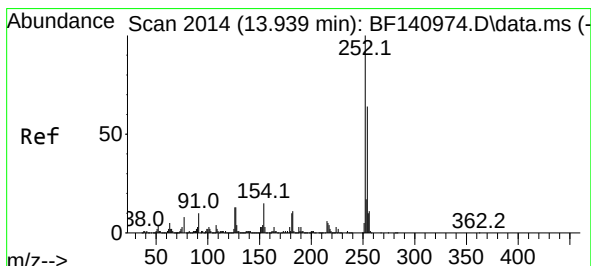
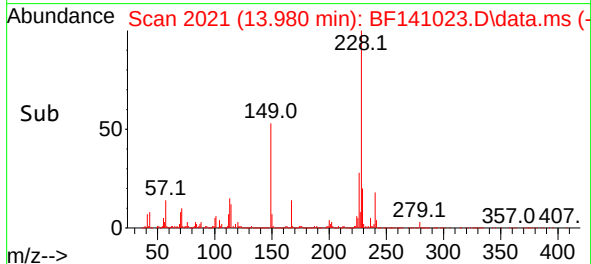
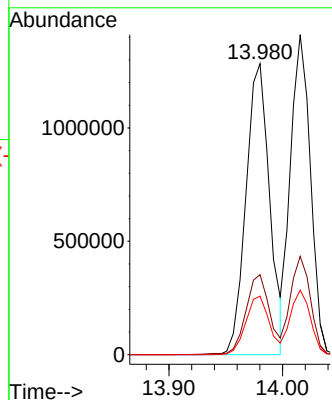
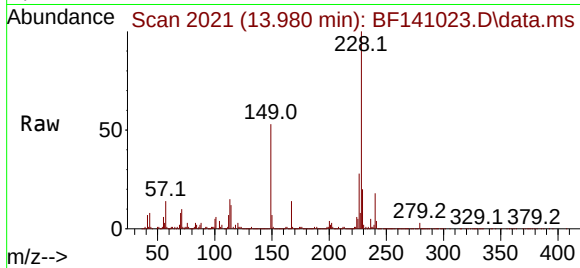




#81
Benzo(a)anthracene
Concen: 47.763 ng
RT: 13.980 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF141023.D
Acq: 30 Dec 2024 11:10

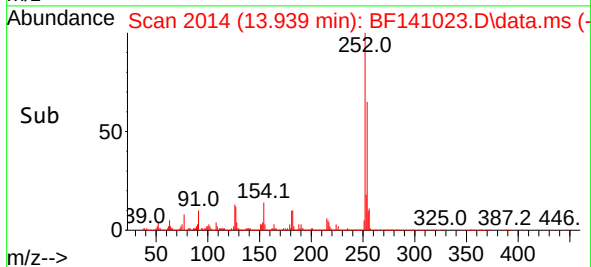
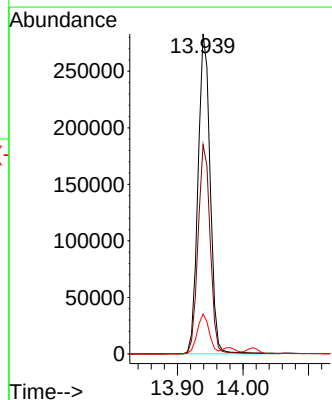
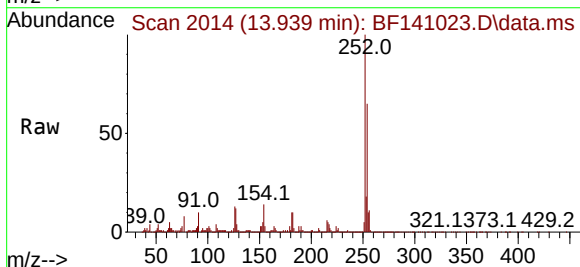
Instrument :
BNA_F
ClientSampleId :
PB165875BS

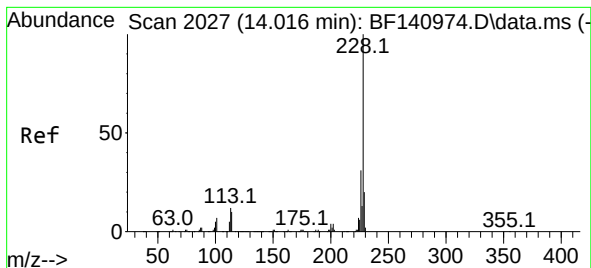
Tgt Ion:228 Resp: 1858862
Ion Ratio Lower Upper
228 100
226 27.5 22.1 33.1
229 20.1 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 31.178 ng
RT: 13.939 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF141023.D
Acq: 30 Dec 2024 11:10

Tgt Ion:252 Resp: 364562
Ion Ratio Lower Upper
252 100
254 65.4 51.5 77.3
126 12.5 10.3 15.5





#83

Chrysene

Concen: 49.296 ng

RT: 14.016 min Scan# 2027

Delta R.T. -0.000 min

Lab File: BF141023.D

Acq: 30 Dec 2024 11:10

Instrument :

BNA_F

ClientSampleId :

PB165875BS

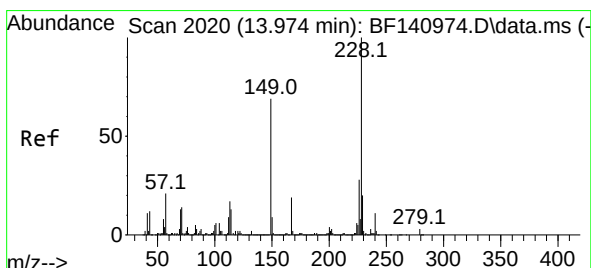
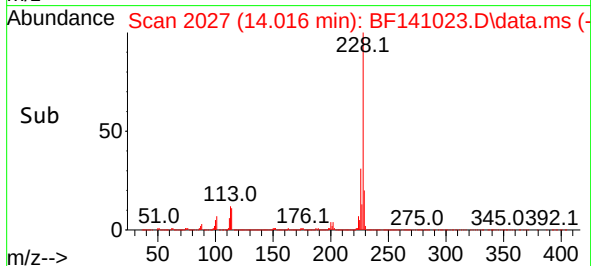
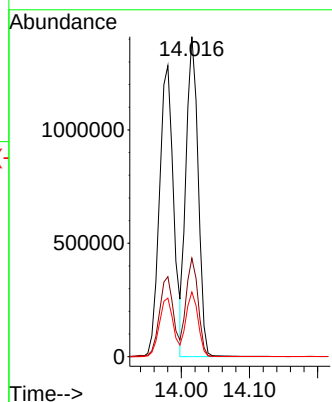
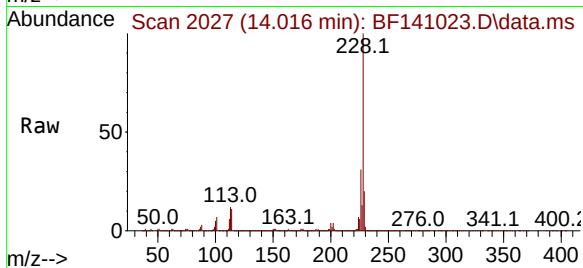
Tgt Ion:228 Resp: 1729507

Ion Ratio Lower Upper

228 100

226 30.7 24.5 36.7

229 20.2 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.083 ng

RT: 13.974 min Scan# 2020

Delta R.T. -0.000 min

Lab File: BF141023.D

Acq: 30 Dec 2024 11:10

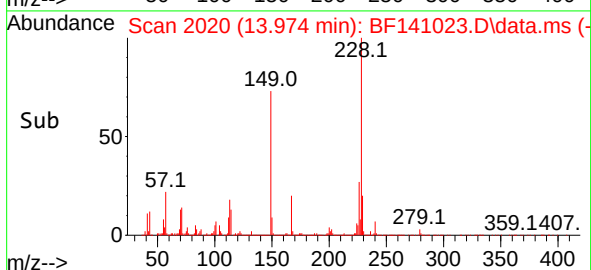
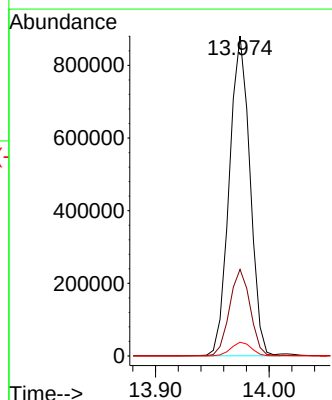
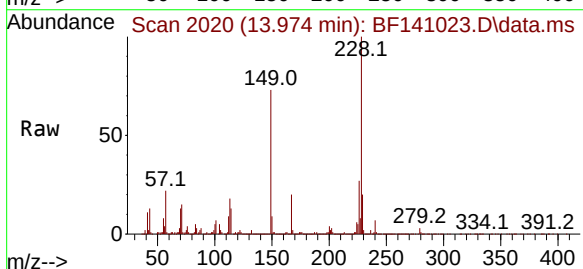
Tgt Ion:149 Resp: 1112282

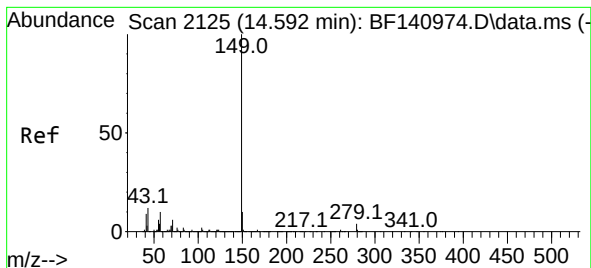
Ion Ratio Lower Upper

149 100

167 27.1 21.6 32.4

279 4.3 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 53.410 ng

RT: 14.592 min Scan# 2125

Delta R.T. -0.000 min

Lab File: BF141023.D

Acq: 30 Dec 2024 11:10

Instrument :

BNA_F

ClientSampleId :

PB165875BS

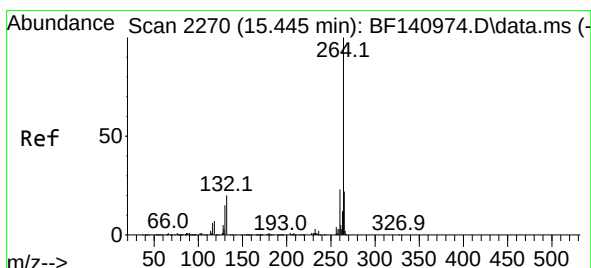
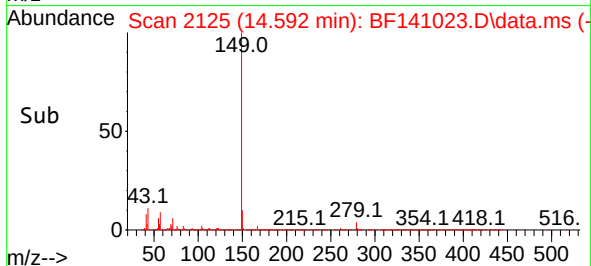
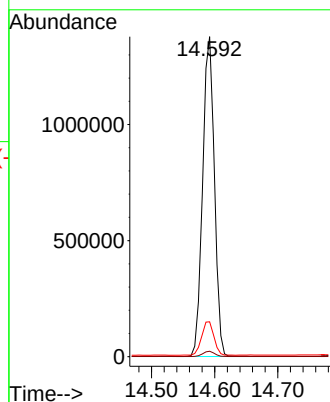
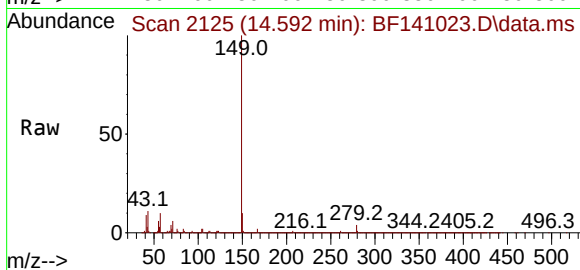
Tgt Ion:149 Resp: 1788198

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 10.8 9.3 13.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2270

Delta R.T. -0.000 min

Lab File: BF141023.D

Acq: 30 Dec 2024 11:10

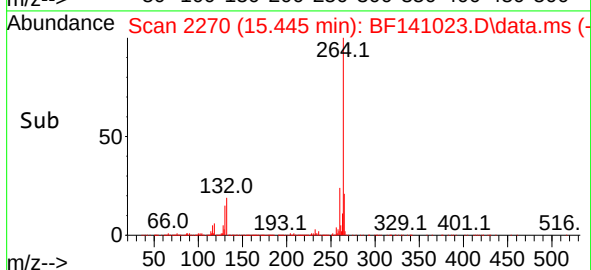
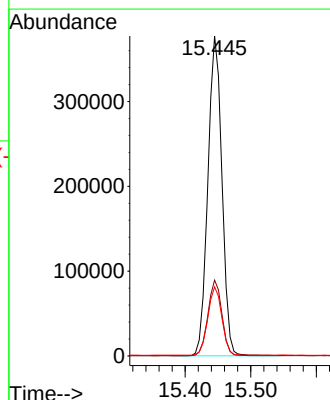
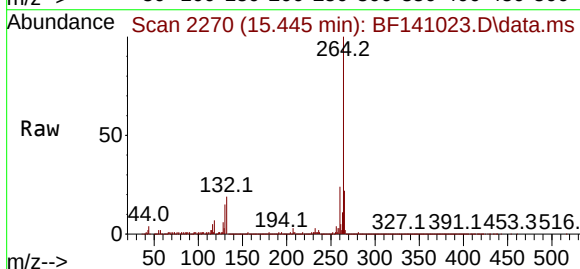
Tgt Ion:264 Resp: 562877

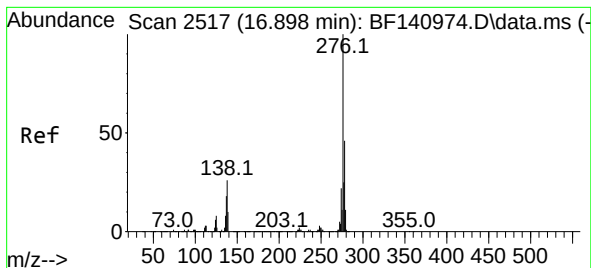
Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 21.6 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 59.126 ng

RT: 16.909 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF141023.D

Acq: 30 Dec 2024 11:10

Instrument :

BNA_F

ClientSampleId :

PB165875BS

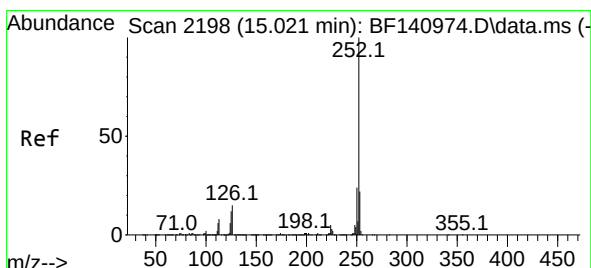
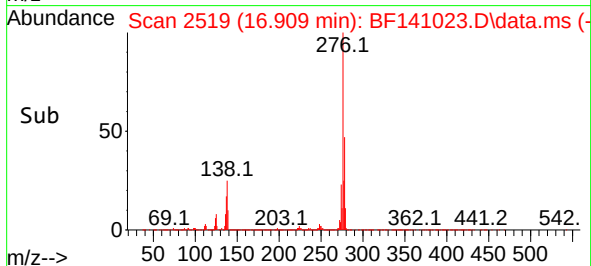
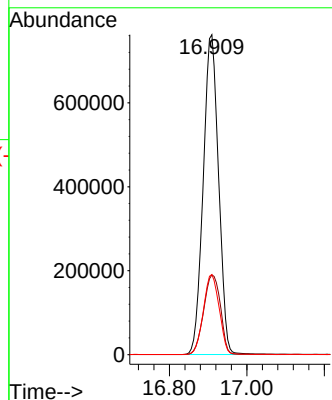
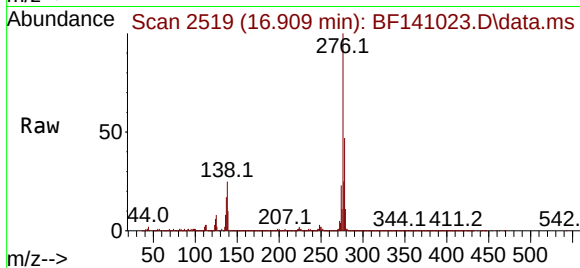
Tgt Ion:276 Resp: 2096765

Ion Ratio Lower Upper

276 100

138 27.2 23.1 34.7

277 25.7 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 45.181 ng

RT: 15.021 min Scan# 2198

Delta R.T. -0.000 min

Lab File: BF141023.D

Acq: 30 Dec 2024 11:10

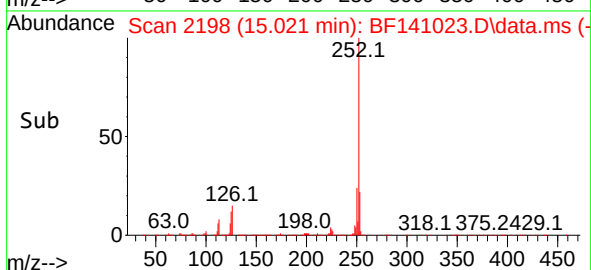
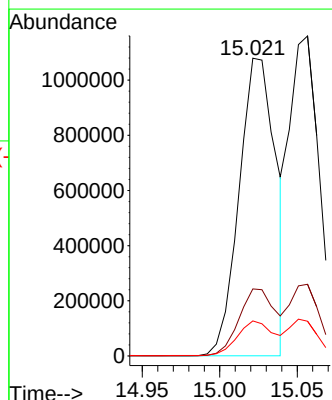
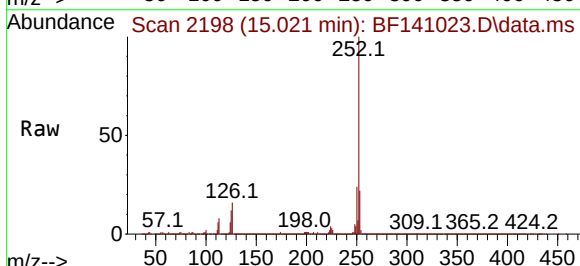
Tgt Ion:252 Resp: 1773682

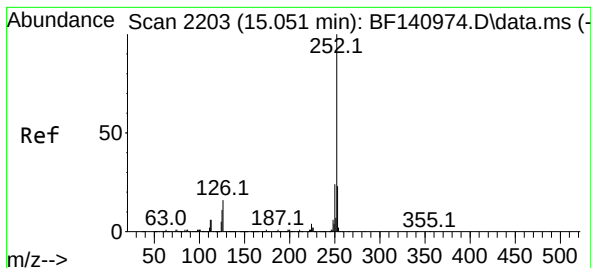
Ion Ratio Lower Upper

252 100

253 22.5 17.7 26.5

125 11.8 9.3 13.9





#89

Benzo(k)fluoranthene

Concen: 50.295 ng

RT: 15.057 min Scan# 2203

Delta R.T. 0.006 min

Lab File: BF141023.D

Acq: 30 Dec 2024 11:10

Instrument :

BNA_F

ClientSampleId :

PB165875BS

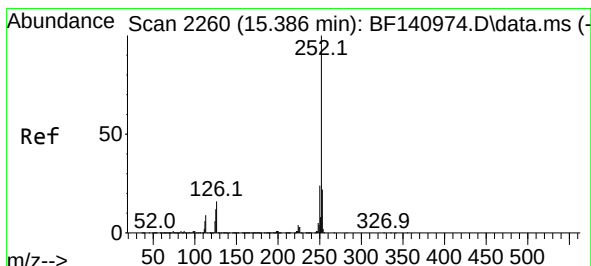
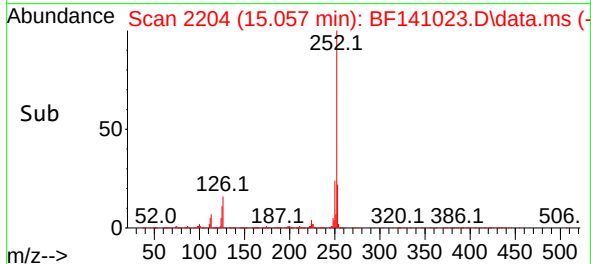
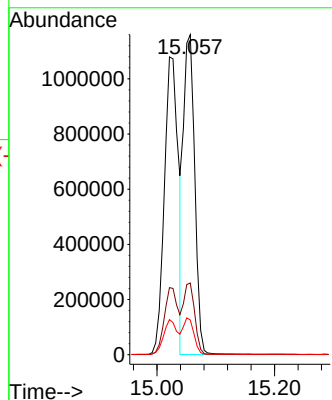
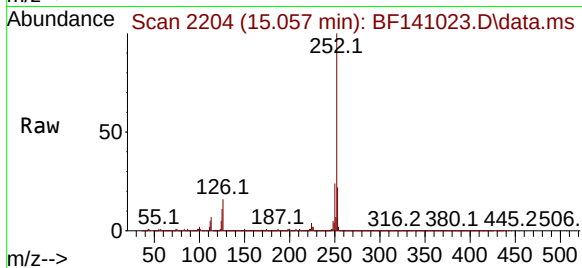
Tgt Ion:252 Resp: 1547501

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: 52.811 ng

RT: 15.386 min Scan# 2260

Delta R.T. -0.000 min

Lab File: BF141023.D

Acq: 30 Dec 2024 11:10

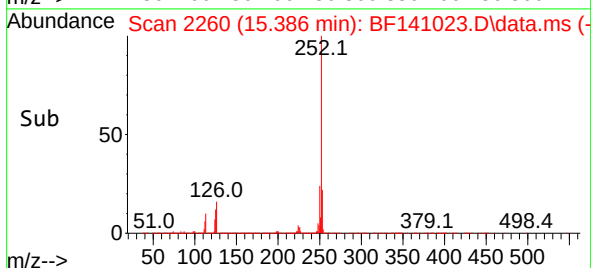
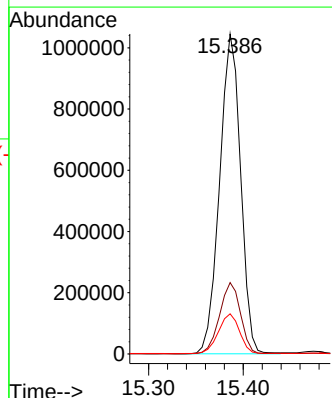
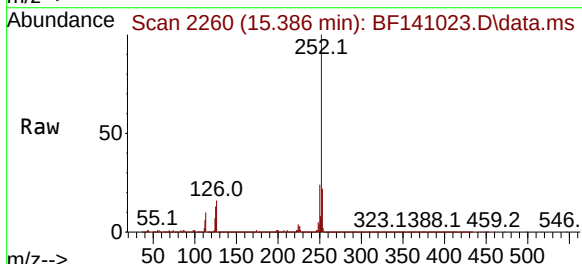
Tgt Ion:252 Resp: 1609175

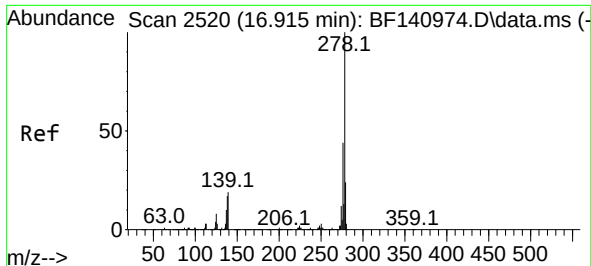
Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

125 12.6 9.8 14.8

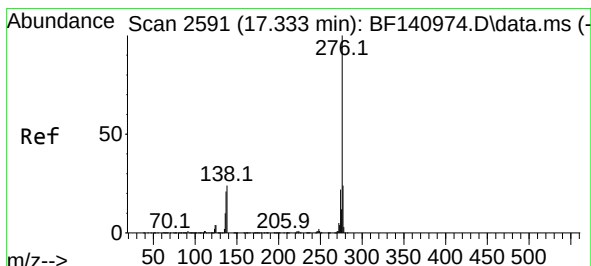
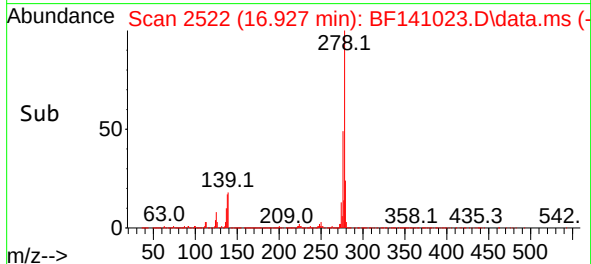
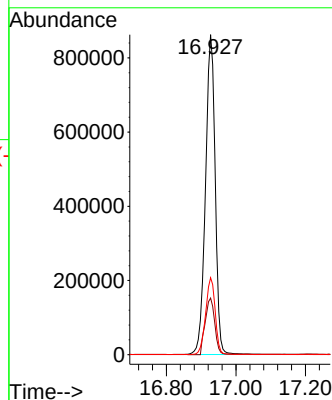
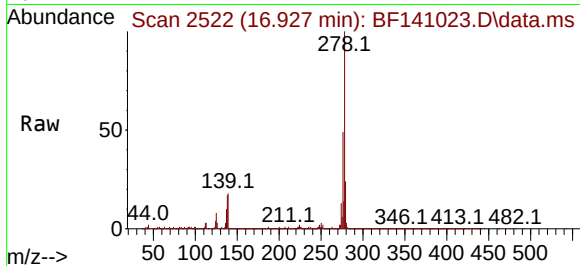




#91
Dibenzo(a,h)anthracene
Concen: 58.360 ng
RT: 16.927 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF141023.D
Acq: 30 Dec 2024 11:10

Instrument :
BNA_F
ClientSampleId :
PB165875BS

Tgt Ion:278 Resp: 1677644
Ion Ratio Lower Upper
278 100
139 17.7 14.9 22.3
279 24.0 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 54.080 ng
RT: 17.351 min Scan# 2594
Delta R.T. 0.018 min
Lab File: BF141023.D
Acq: 30 Dec 2024 11:10

Tgt Ion:276 Resp: 1612399
Ion Ratio Lower Upper
276 100
277 24.0 19.0 28.4
138 22.9 19.4 29.2

