

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
 Data File : BF141042.D
 Acq On : 30 Dec 2024 20:18
 Operator : RC/JU
 Sample : P5391-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-12272024MS

Quant Time: Dec 31 00:16:17 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	245396	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	946041	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	467703	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	657851	20.000	ng	0.00
76) Chrysene-d12	13.986	240	463453	20.000	ng	0.00
86) Perylene-d12	15.445	264	491518	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1788598	109.867	ng	0.01
7) Phenol-d6	6.451	99	2270171	108.249	ng	0.00
23) Nitrobenzene-d5	7.393	82	1379471	93.289	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	551722	121.399	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	2342872	79.810	ng	0.00
79) Terphenyl-d14	12.928	244	1863572	66.790	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	323707	43.920	ng	99
3) Pyridine	3.375	79	853158	47.366	ng	98
4) n-Nitrosodimethylamine	3.328	42	456897	50.064	ng	99
6) Aniline	6.493	93	865246	46.261	ng	99
8) 2-Chlorophenol	6.610	128	914383	53.274	ng	98
9) Benzaldehyde	6.375	77	162082	9.499	ng	98
10) Phenol	6.469	94	1155381	53.280	ng	97
11) bis(2-Chloroethyl)ether	6.563	93	857569	48.977	ng	98
12) 1,3-Dichlorobenzene	6.769	146	935711	49.398	ng	99
13) 1,4-Dichlorobenzene	6.846	146	953716	49.945	ng	99
14) 1,2-Dichlorobenzene	6.998	146	913090	51.286	ng	99
15) Benzyl Alcohol	6.969	79	788901	52.348	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1323707	49.990	ng	99
17) 2-Methylphenol	7.075	107	732782	51.390	ng	99
18) Hexachloroethane	7.340	117	348512	51.378	ng	97
19) n-Nitroso-di-n-propyla...	7.246	70	624185	48.582	ng	98
20) 3+4-Methylphenols	7.234	107	897239	49.723	ng	# 82
22) Acetophenone	7.240	105	1167116	50.290	ng	99
24) Nitrobenzene	7.410	77	930118	56.293	ng	96
25) Isophorone	7.651	82	1684116	52.339	ng	99
26) 2-Nitrophenol	7.728	139	450350	64.465	ng	98
27) 2,4-Dimethylphenol	7.763	122	735961	62.583	ng	100
28) bis(2-Chloroethoxy)met...	7.863	93	1031175	50.580	ng	99
29) 2,4-Dichlorophenol	7.963	162	720660	54.033	ng	99
30) 1,2,4-Trichlorobenzene	8.051	180	755817	50.068	ng	100
31) Naphthalene	8.134	128	2472114	49.590	ng	100
32) Benzoic acid	7.875	122	597374	59.527	ng	97
33) 4-Chloroaniline	8.175	127	333209	18.476	ng	99
34) Hexachlorobutadiene	8.251	225	456593	51.306	ng	100
35) Caprolactam	8.545	113	193093	42.587	ng	98
36) 4-Chloro-3-methylphenol	8.657	107	759718	51.291	ng	99
37) 2-Methylnaphthalene	8.822	142	1616357	50.683	ng	99
38) 1-Methylnaphthalene	8.922	142	1497158	47.768	ng	99
40) 1,2,4,5-Tetrachloroben...	8.987	216	712384	55.365	ng	99
41) Hexachlorocyclopentadiene	8.975	237	610371	143.145	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	509162	59.456	ng	100

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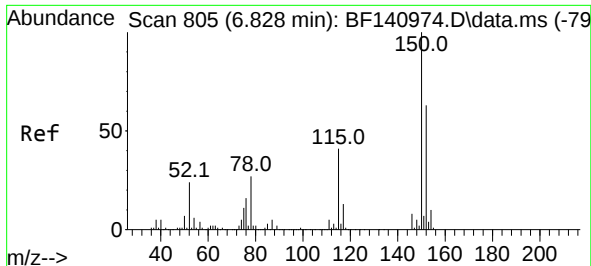
Quant Time: Dec 31 00:16:17 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.134	196	490996	56.035	ng	99
46) 1,1'-Biphenyl	9.287	154	1917887	53.555	ng	100
47) 2-Chloronaphthalene	9.310	162	1455347	52.399	ng	99
48) 2-Nitroaniline	9.404	65	454697	61.168	ng	94
49) Acenaphthylene	9.722	152	2203613	55.114	ng	100
50) Dimethylphthalate	9.587	163	1711514	55.634	ng	100
51) 2,6-Dinitrotoluene	9.645	165	374134	58.748	ng	96
52) Acenaphthene	9.898	154	1599776	59.185	ng	100
53) 3-Nitroaniline	9.810	138	292565	43.228	ng	# 95
54) 2,4-Dinitrophenol	9.916	184	344424	114.730	ng	# 1
55) Dibenzofuran	10.069	168	2003782	52.749	ng	99
56) 4-Nitrophenol	9.969	139	573678	109.014	ng	94
57) 2,4-Dinitrotoluene	10.045	165	482786	61.490	ng	96
58) Fluorene	10.410	166	1474211	50.046	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.181	232	401177	55.282	ng	99
60) Diethylphthalate	10.287	149	1625773	53.530	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	728265	51.380	ng	98
62) 4-Nitroaniline	10.428	138	333886	48.916	ng	95
63) Azobenzene	10.563	77	1684683	52.847	ng	96
65) 4,6-Dinitro-2-methylph...	10.451	198	228132	79.390	ng	96
66) n-Nitrosodiphenylamine	10.522	169	1339661	64.669	ng	100
67) 4-Bromophenyl-phenylether	10.892	248	455890	64.106	ng	98
68) Hexachlorobenzene	10.957	284	468482	59.744	ng	99
69) Atrazine	11.051	200	426408	73.680	ng	100
70) Pentachlorophenol	11.145	266	553332	113.337	ng	100
71) Phenanthrene	11.375	178	2239387	64.679	ng	100
72) Anthracene	11.422	178	2055094	60.575	ng	100
73) Carbazole	11.575	167	1705635	52.297	ng	99
74) Di-n-butylphthalate	11.910	149	2137553	57.623	ng	100
75) Fluoranthene	12.557	202	2092768	55.731	ng	99
77) Benzidine	12.680	184	524332	53.533	ng	100
78) Pyrene	12.786	202	2086790	51.484	ng	100
80) Butylbenzylphthalate	13.410	149	752804	50.863	ng	99
81) Benzo(a)anthracene	13.975	228	1742278	53.941	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	442632	45.611	ng	99
83) Chrysene	14.016	228	1681979	57.766	ng	99
84) Bis(2-ethylhexyl)phtha...	13.975	149	967552	50.397	ng	99
85) Di-n-octyl phthalate	14.592	149	1837000	66.110	ng	98
87) Indeno(1,2,3-cd)pyrene	16.898	276	1558778	50.337	ng	98
88) Benzo(b)fluoranthene	15.022	252	1928628	56.260	ng	99
89) Benzo(k)fluoranthene	15.051	252	1533242	57.066	ng	99
90) Benzo(a)pyrene	15.386	252	1622717	60.987	ng	99
91) Dibenzo(a,h)anthracene	16.921	278	1261449	50.253	ng	98
92) Benzo(g,h,i)perylene	17.339	276	1120224	43.027	ng	98

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

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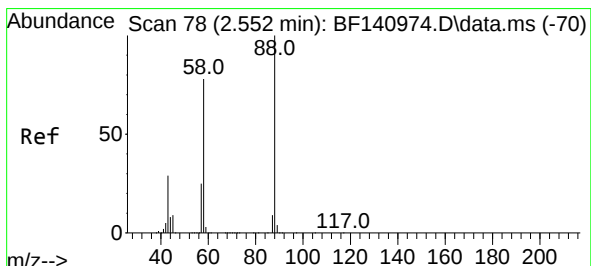
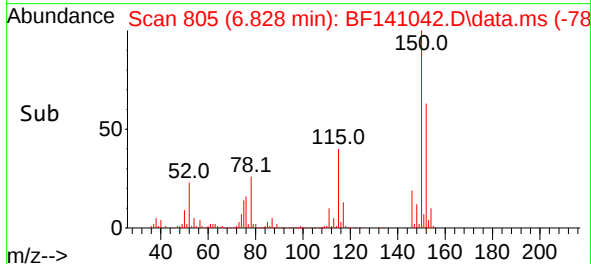
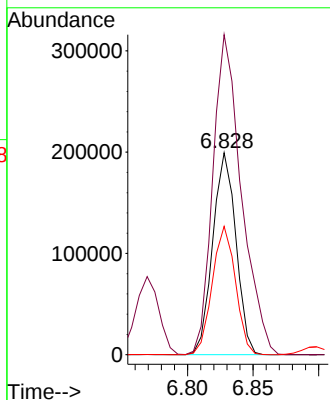
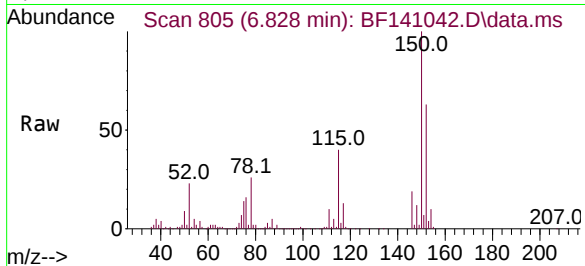




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF141042.D
 Acq: 30 Dec 2024 20:18

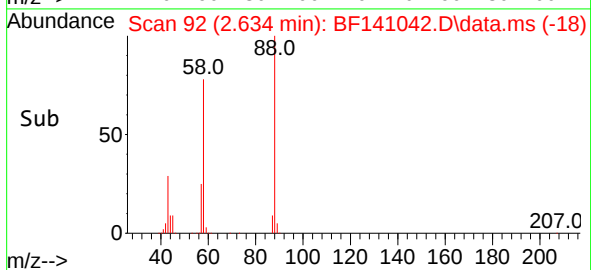
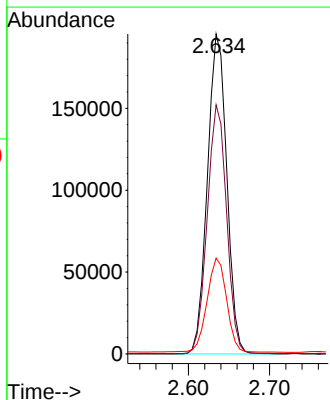
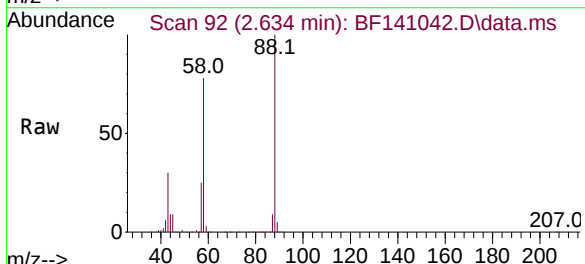
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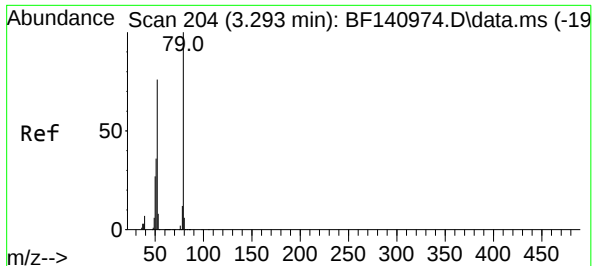
Tgt Ion:152 Resp: 245396
 Ion Ratio Lower Upper
 152 100
 150 158.5 127.0 190.6
 115 63.6 51.7 77.5



#2
 1,4-Dioxane
 Concen: 43.920 ng
 RT: 2.634 min Scan# 92
 Delta R.T. 0.082 min
 Lab File: BF141042.D
 Acq: 30 Dec 2024 20:18

Tgt Ion: 88 Resp: 323707
 Ion Ratio Lower Upper
 88 100
 58 77.6 63.0 94.4
 43 30.1 23.4 35.2

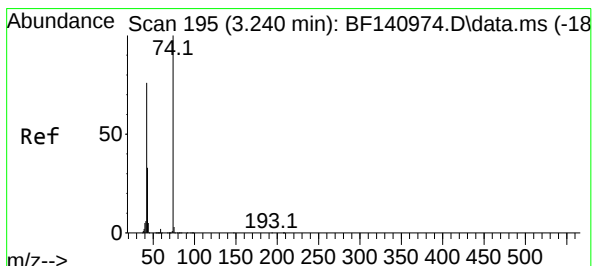
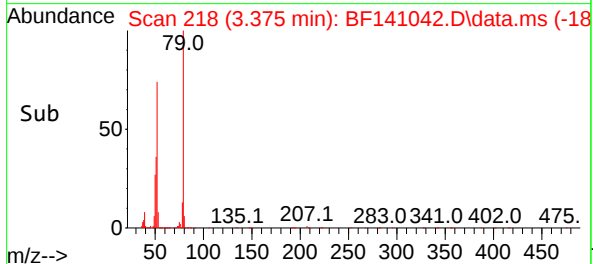
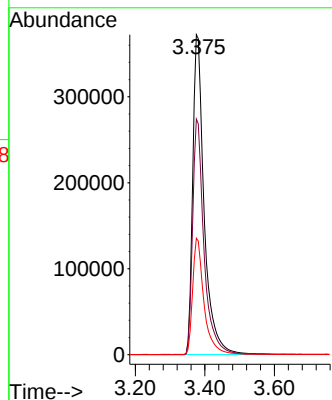
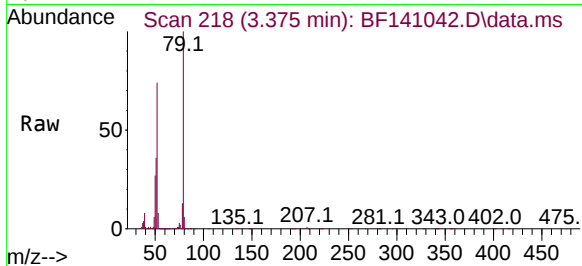




#3
Pyridine
Concen: 47.366 ng
RT: 3.375 min Scan# 210
Delta R.T. 0.082 min
Lab File: BF141042.D
Acq: 30 Dec 2024 20:18

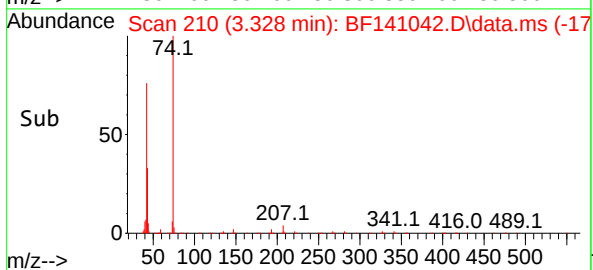
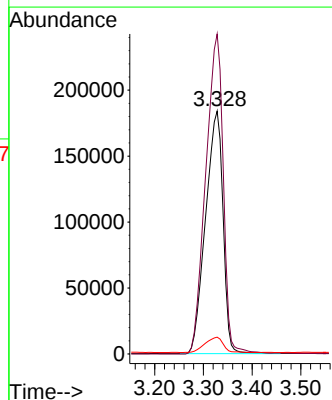
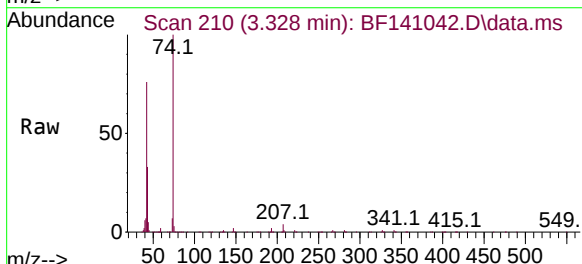
Instrument :
BNA_F
ClientSampleId :
NB-07-12272024MS

Tgt Ion: 79 Resp: 853158
Ion Ratio Lower Upper
79 100
52 73.6 60.4 90.6
51 36.4 28.8 43.2



#4
n-Nitrosodimethylamine
Concen: 50.064 ng
RT: 3.328 min Scan# 210
Delta R.T. 0.088 min
Lab File: BF141042.D
Acq: 30 Dec 2024 20:18

Tgt Ion: 42 Resp: 456897
Ion Ratio Lower Upper
42 100
74 131.8 105.8 158.6
44 6.9 6.6 10.0

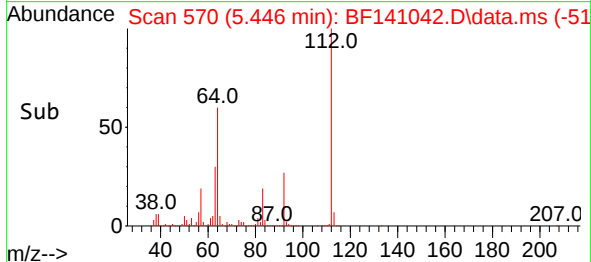
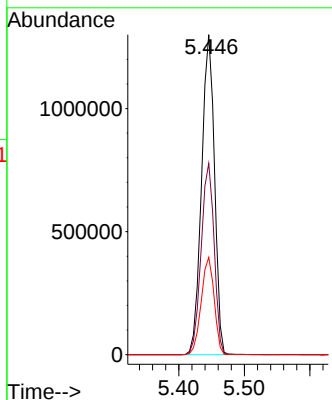
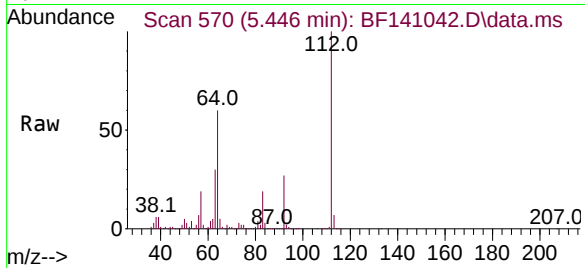




#5
2-Fluorophenol
Concen: 109.867 ng
RT: 5.446 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF141042.D
Acq: 30 Dec 2024 20:18

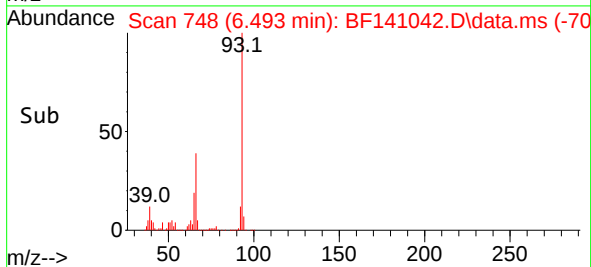
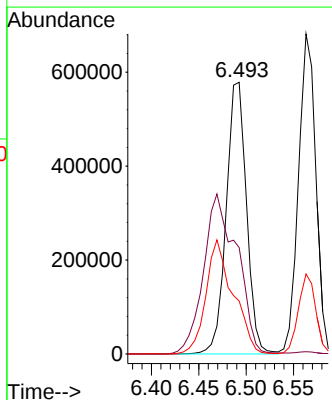
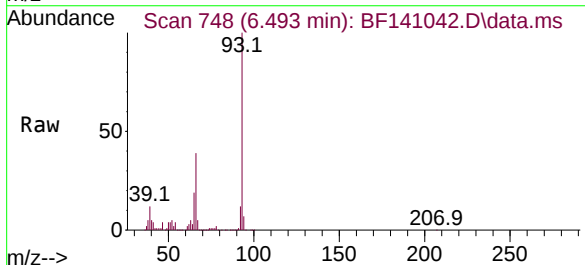
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ClientSampleId :
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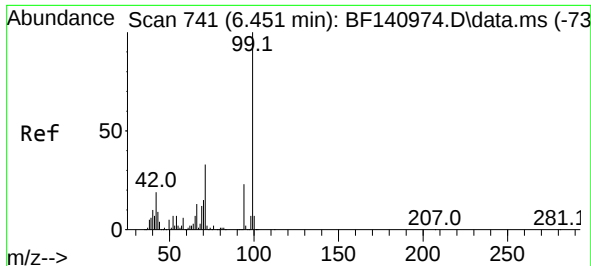
Tgt Ion:112 Resp: 1788598
Ion Ratio Lower Upper
112 100
64 59.8 47.7 71.5
63 30.4 24.2 36.2



#6
Aniline
Concen: 46.261 ng
RT: 6.493 min Scan# 748
Delta R.T. -0.018 min
Lab File: BF141042.D
Acq: 30 Dec 2024 20:18

Tgt Ion: 93 Resp: 865246
Ion Ratio Lower Upper
93 100
66 39.2 31.8 47.8
65 19.5 15.4 23.0

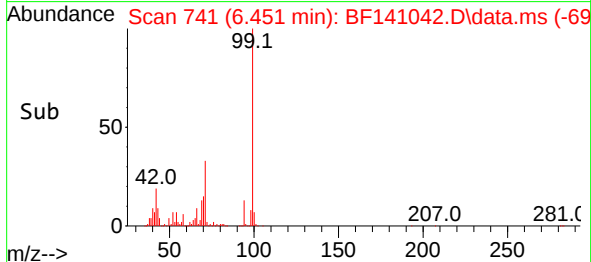
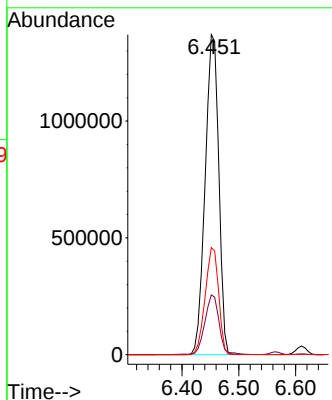
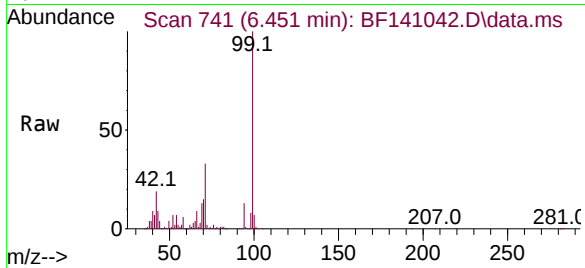




#7
Phenol-d6
Concen: 108.249 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF141042.D
Acq: 30 Dec 2024 20:18

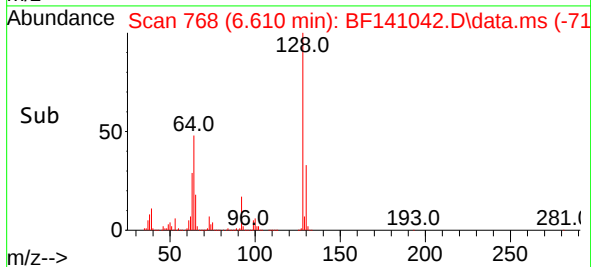
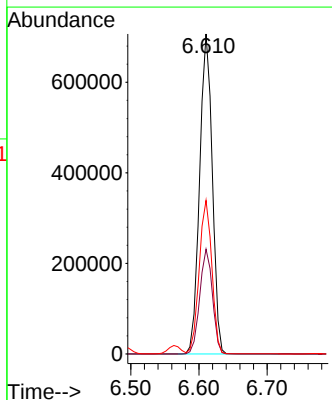
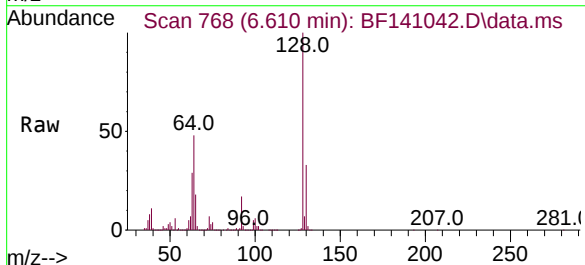
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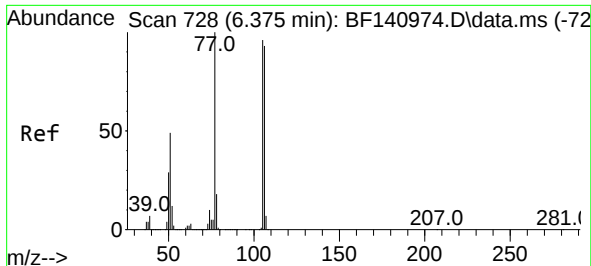
Tgt Ion: 99 Resp: 2270171
Ion Ratio Lower Upper
99 100
42 18.7 15.0 22.4
71 33.5 26.2 39.2



#8
2-Chlorophenol
Concen: 53.274 ng
RT: 6.610 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF141042.D
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Tgt Ion:128 Resp: 914383
Ion Ratio Lower Upper
128 100
130 32.8 12.2 52.2
64 48.0 30.3 70.3

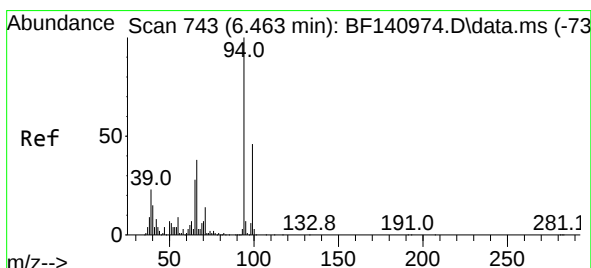
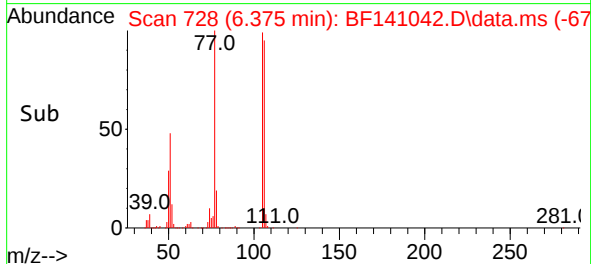
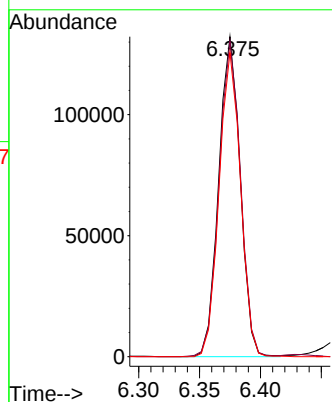
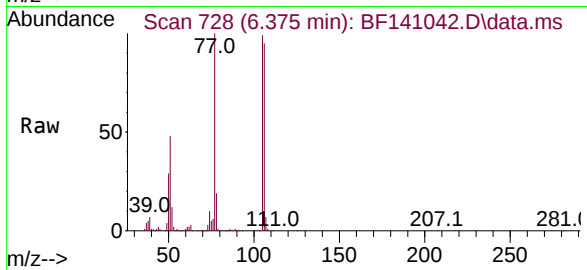




#9
Benzaldehyde
Concen: 9.499 ng
RT: 6.375 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF141042.D
Acq: 30 Dec 2024 20:18

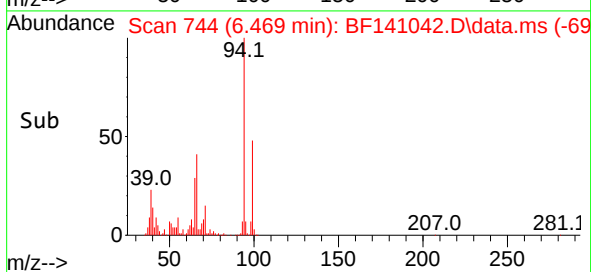
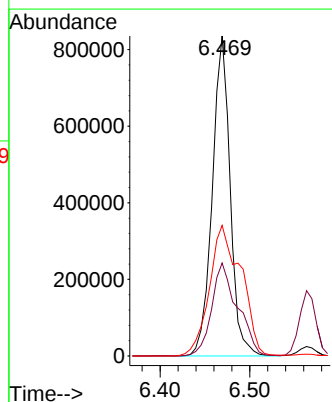
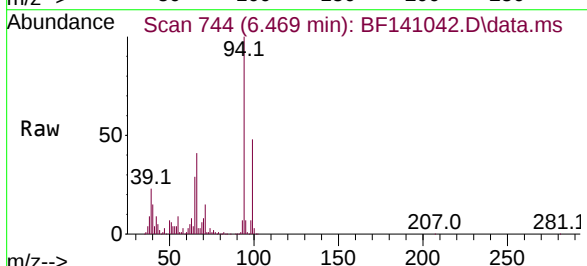
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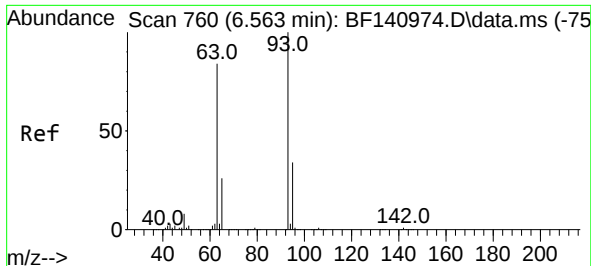
Tgt Ion: 77 Resp: 162082
Ion Ratio Lower Upper
77 100
105 98.5 76.2 116.2
106 95.0 73.4 113.4



#10
Phenol
Concen: 53.280 ng
RT: 6.469 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF141042.D
Acq: 30 Dec 2024 20:18

Tgt Ion: 94 Resp: 1155381
Ion Ratio Lower Upper
94 100
65 29.1 8.1 48.1
66 40.8 18.7 58.7

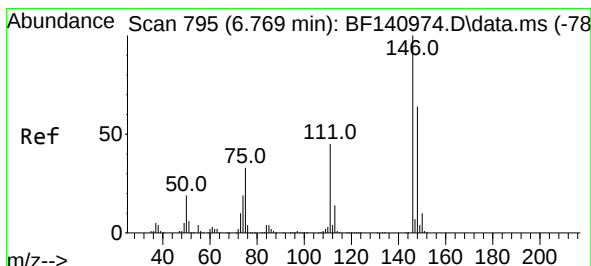
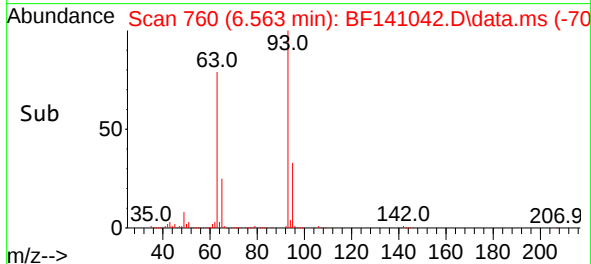
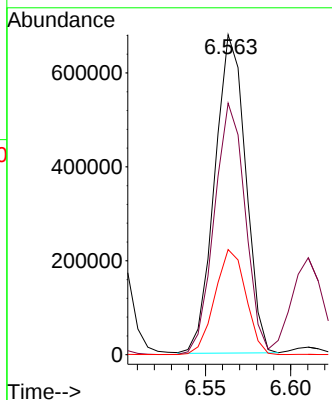
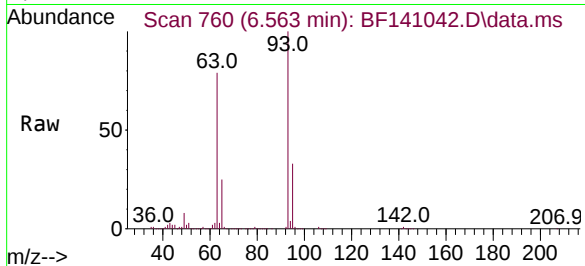




#11
bis(2-Chloroethyl)ether
Concen: 48.977 ng
RT: 6.563 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF141042.D
Acq: 30 Dec 2024 20:18

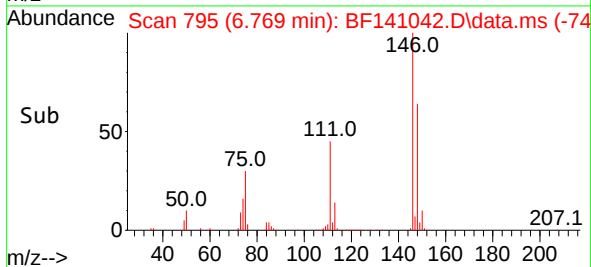
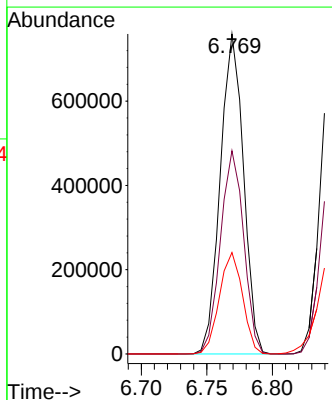
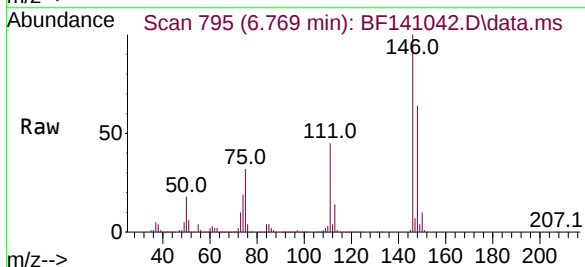
Instrument :
BNA_F
ClientSampleId :
NB-07-12272024MS

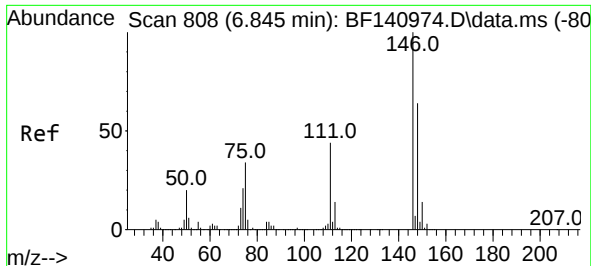
Tgt Ion: 93 Resp: 857569
Ion Ratio Lower Upper
93 100
63 78.6 60.3 100.3
95 32.9 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 49.398 ng
RT: 6.769 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF141042.D
Acq: 30 Dec 2024 20:18

Tgt Ion: 146 Resp: 935711
Ion Ratio Lower Upper
146 100
148 63.5 51.0 76.4
75 31.7 26.1 39.1





#13

1,4-Dichlorobenzene

Concen: 49.945 ng

RT: 6.846 min Scan# 808

Delta R.T. 0.000 min

Lab File: BF141042.D

Acq: 30 Dec 2024 20:18

Instrument :

BNA_F

ClientSampleId :

NB-07-12272024MS

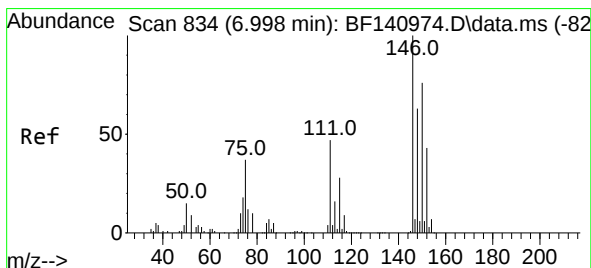
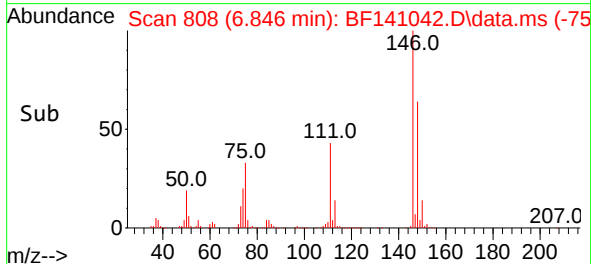
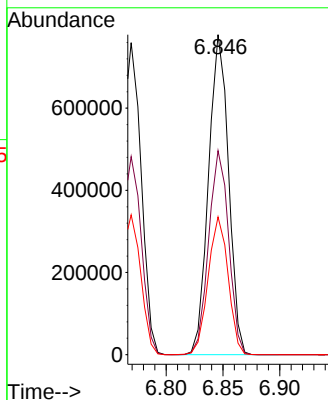
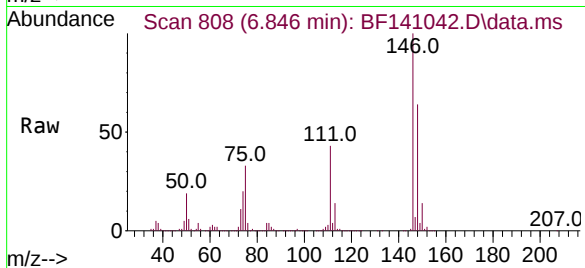
Tgt Ion:146 Resp: 953716

Ion Ratio Lower Upper

146 100

148 63.8 51.3 76.9

111 43.1 35.3 52.9



#14

1,2-Dichlorobenzene

Concen: 51.286 ng

RT: 6.998 min Scan# 834

Delta R.T. 0.000 min

Lab File: BF141042.D

Acq: 30 Dec 2024 20:18

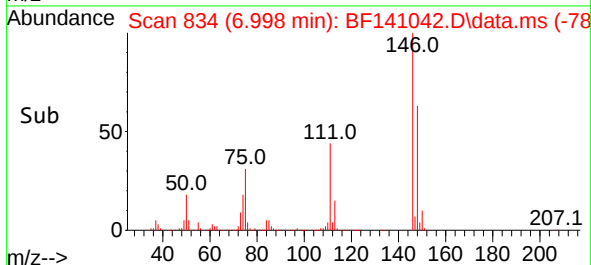
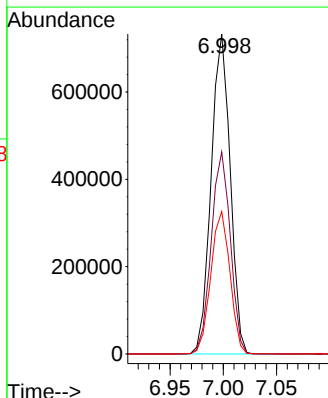
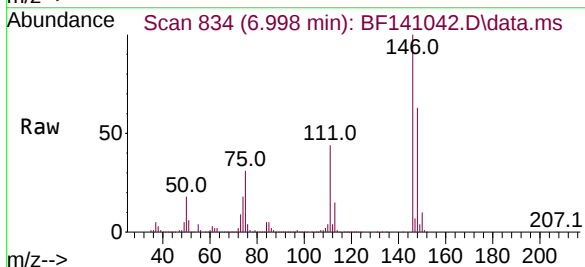
Tgt Ion:146 Resp: 913090

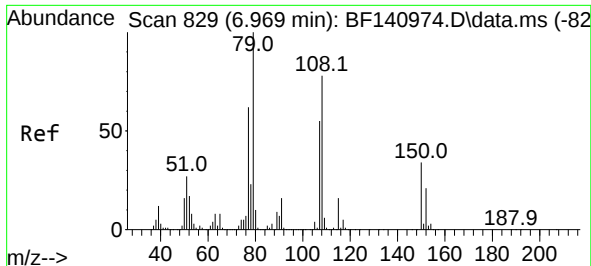
Ion Ratio Lower Upper

146 100

148 63.1 50.6 76.0

111 44.5 37.3 55.9

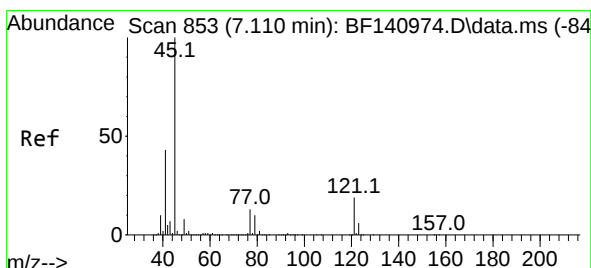
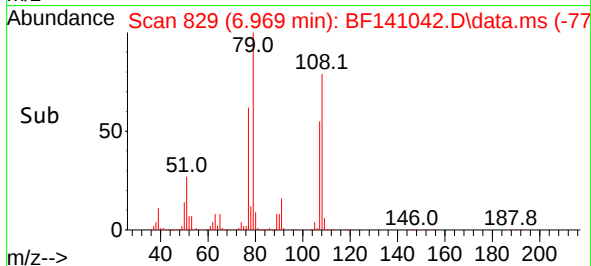
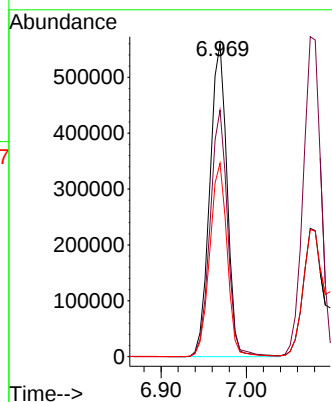
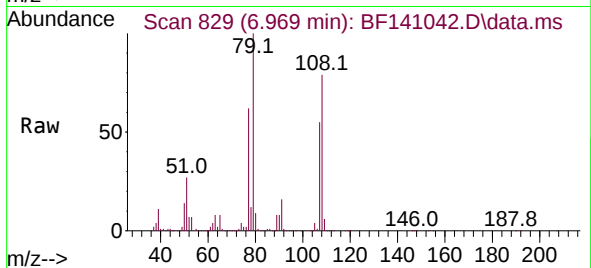




#15
Benzyl Alcohol
Concen: 52.348 ng
RT: 6.969 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF141042.D
Acq: 30 Dec 2024 20:18

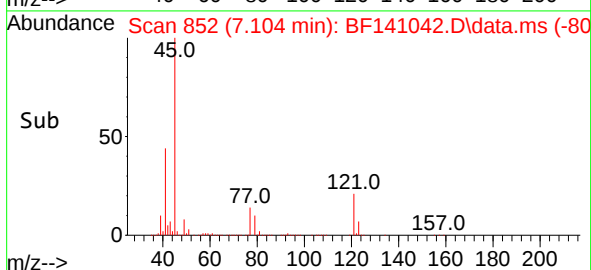
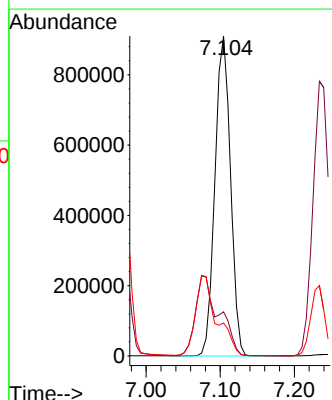
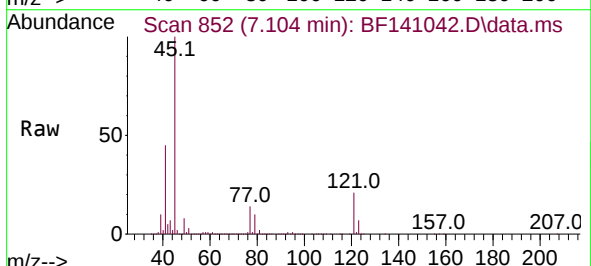
Instrument :
BNA_F
ClientSampleId :
NB-07-12272024MS

Tgt Ion: 79 Resp: 788901
Ion Ratio Lower Upper
79 100
108 78.8 62.5 93.7
77 61.8 49.3 73.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.990 ng
RT: 7.104 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF141042.D
Acq: 30 Dec 2024 20:18

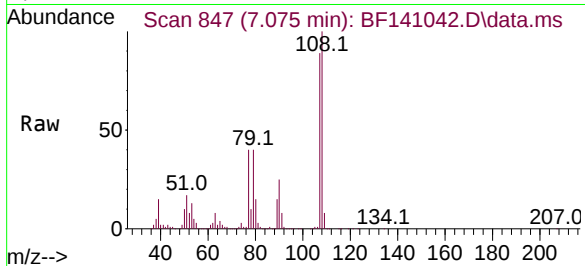
Tgt Ion: 45 Resp: 1323707
Ion Ratio Lower Upper
45 100
77 13.8 0.0 33.1
79 10.3 0.0 30.1



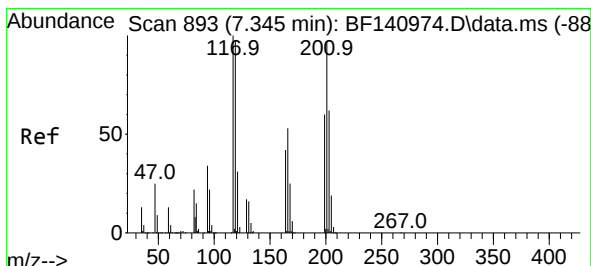
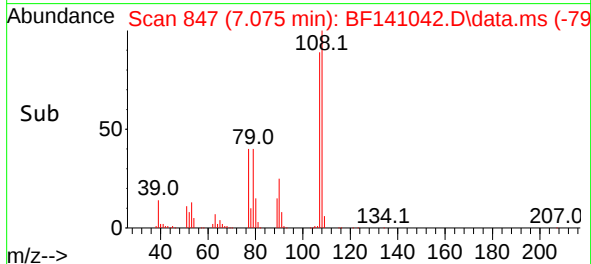
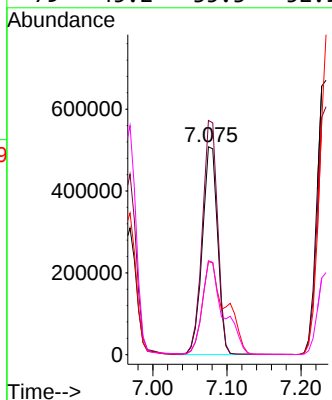


#17
2-Methylphenol
Concen: 51.390 ng
RT: 7.075 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF141042.D
Acq: 30 Dec 2024 20:18

Instrument :
BNA_F
ClientSampleId :
NB-07-12272024MS

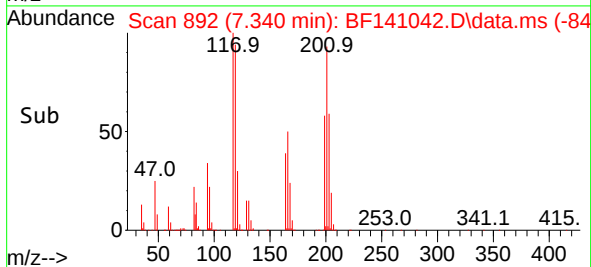
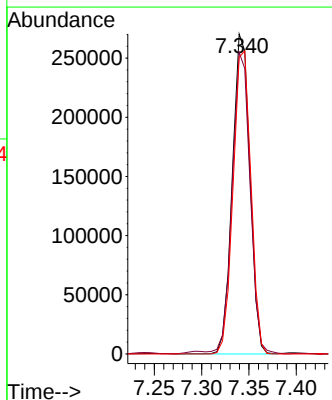
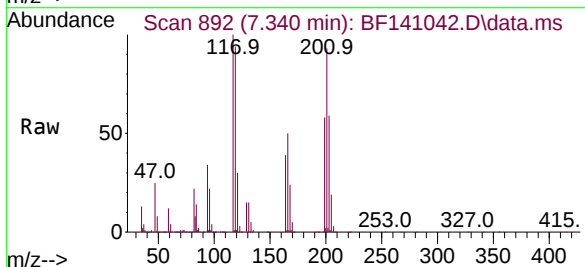


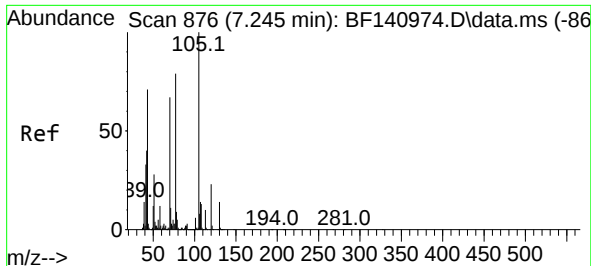
Tgt Ion:	107	Resp:	732782
Ion	Ratio	Lower	Upper
107	100		
108	112.7	90.6	136.0
77	44.8	35.3	52.9
79	45.2	35.3	52.9



#18
Hexachloroethane
Concen: 51.378 ng
RT: 7.340 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF141042.D
Acq: 30 Dec 2024 20:18

Tgt Ion:	117	Resp:	348512
Ion	Ratio	Lower	Upper
117	100		
119	94.3	77.5	116.3
201	92.7	77.4	116.2

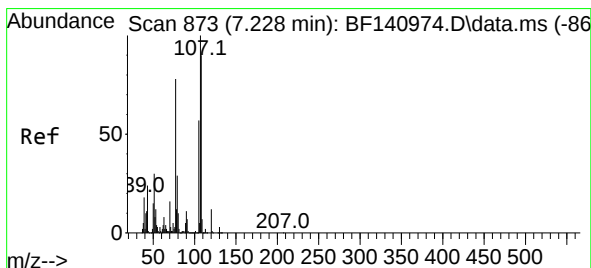
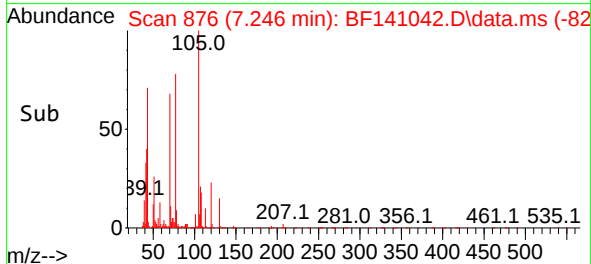
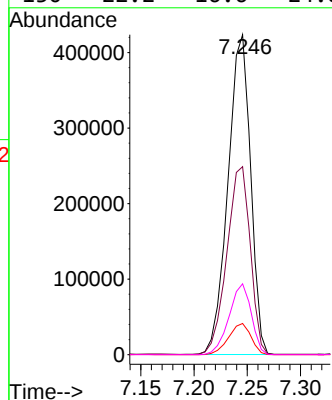
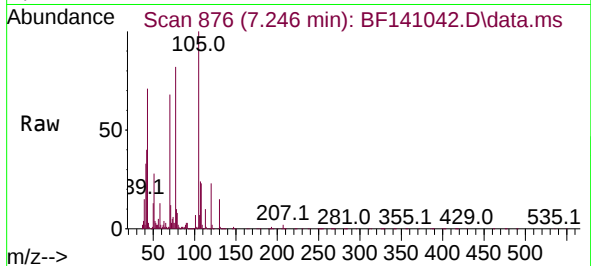




#19
n-Nitroso-di-n-propylamine
Concen: 48.582 ng
RT: 7.246 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF141042.D
Acq: 30 Dec 2024 20:18

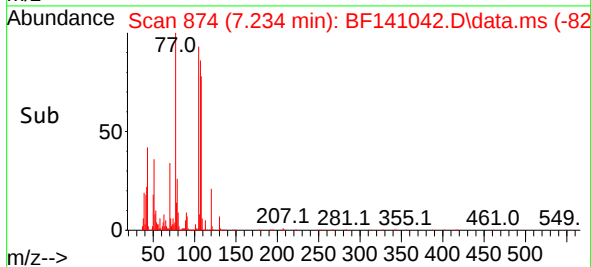
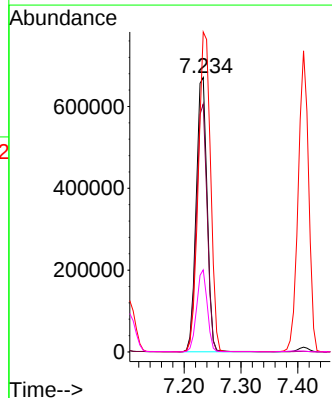
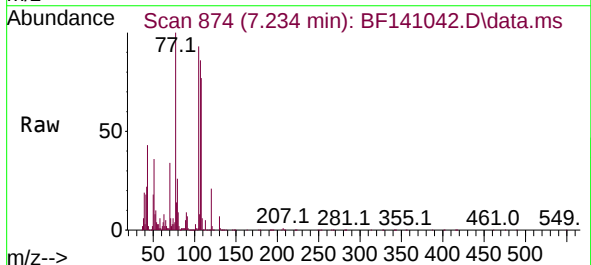
Instrument :
BNA_F
ClientSampleId :
NB-07-12272024MS

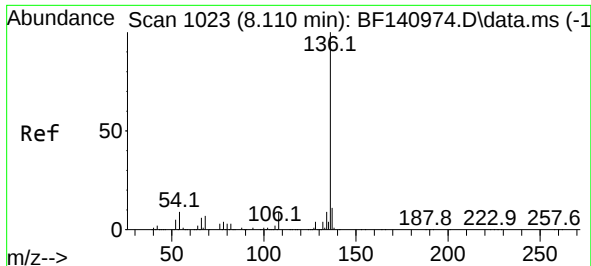
Tgt Ion: 70 Resp: 624185
Ion Ratio Lower Upper
70 100
42 58.7 48.1 72.1
101 9.8 7.6 11.4
130 22.2 16.6 24.8



#20
3+4-Methylphenols
Concen: 49.723 ng
RT: 7.234 min Scan# 874
Delta R.T. 0.006 min
Lab File: BF141042.D
Acq: 30 Dec 2024 20:18

Tgt Ion: 107 Resp: 897239
Ion Ratio Lower Upper
107 100
108 90.4 69.6 109.6
77 116.6 57.6 97.6#
79 29.9 8.8 48.8

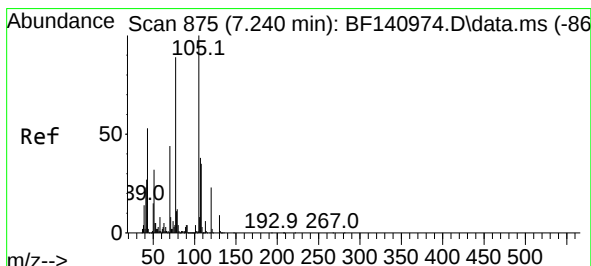
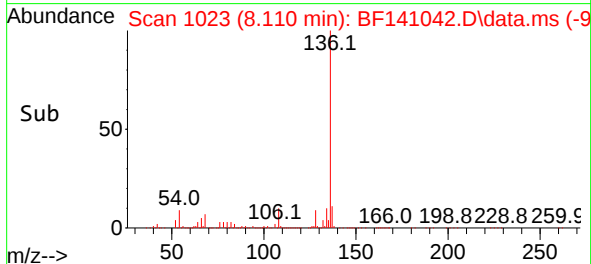
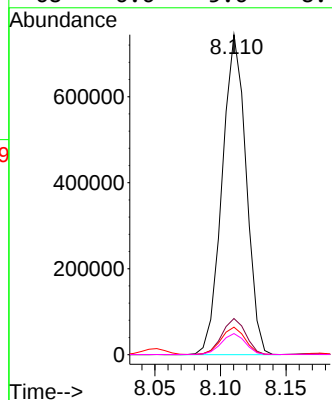
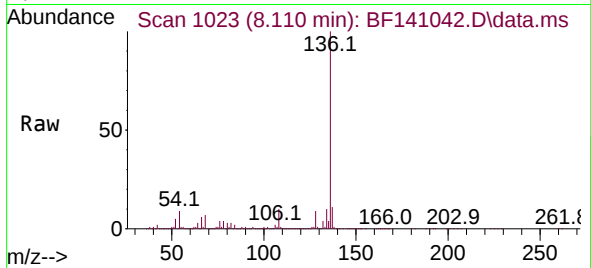




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF141042.D
Acq: 30 Dec 2024 20:18

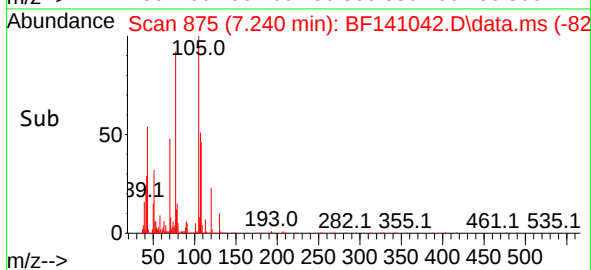
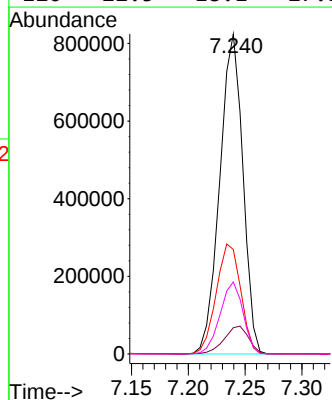
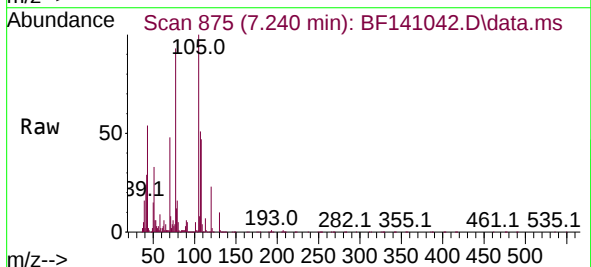
Instrument :
BNA_F
ClientSampleId :
NB-07-12272024MS

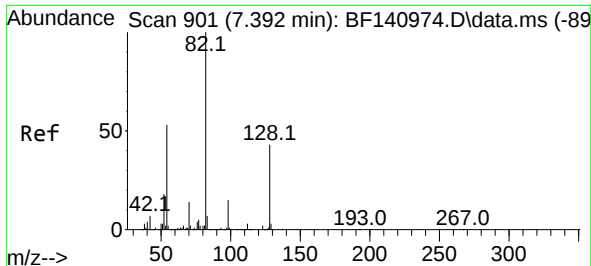
Tgt Ion:	136	Resp:	946041
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	8.6	7.6	11.4
68	6.6	5.6	8.4



#22
Acetophenone
Concen: 50.290 ng
RT: 7.240 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF141042.D
Acq: 30 Dec 2024 20:18

Tgt Ion:	105	Resp:	1167116
Ion	Ratio	Lower	Upper
105	100		
71	8.2	6.1	9.1
51	32.7	25.8	38.6
120	22.5	18.1	27.1





#23

Nitrobenzene-d5

Concen: 93.289 ng

RT: 7.393 min Scan# 901

Delta R.T. 0.000 min

Lab File: BF141042.D

Acq: 30 Dec 2024 20:18

Instrument :

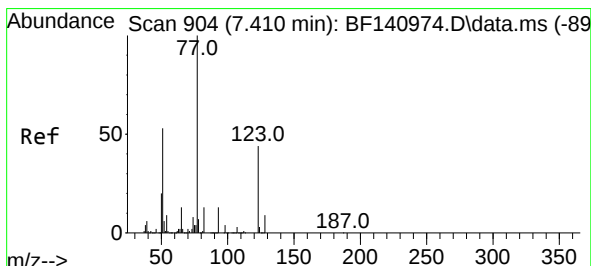
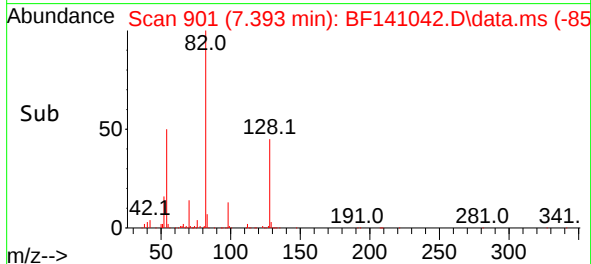
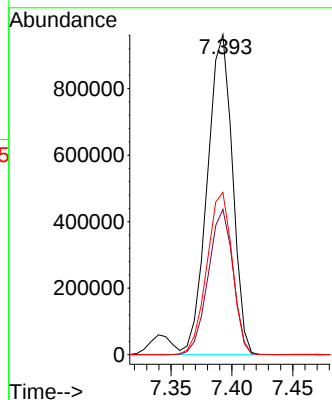
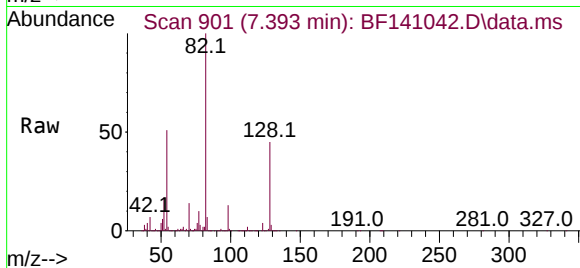
BNA_F

ClientSampleId :

NB-07-12272024MS

Tgt Ion: 82 Resp: 1379471

Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.4	51.6
54	50.7	42.4	63.6



#24

Nitrobenzene

Concen: 56.293 ng

RT: 7.410 min Scan# 904

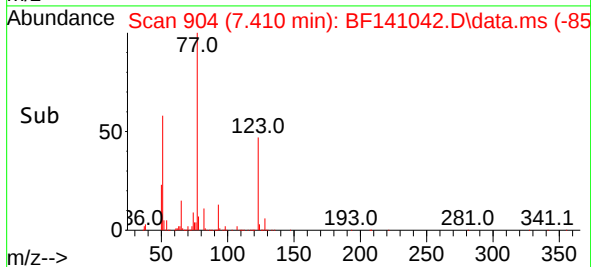
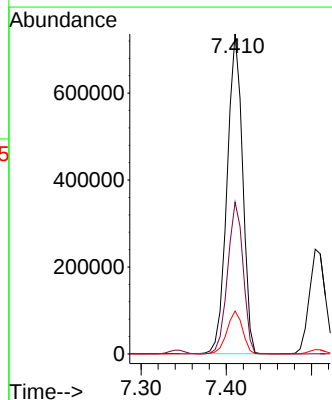
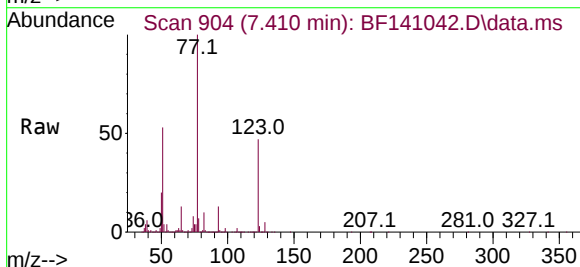
Delta R.T. 0.000 min

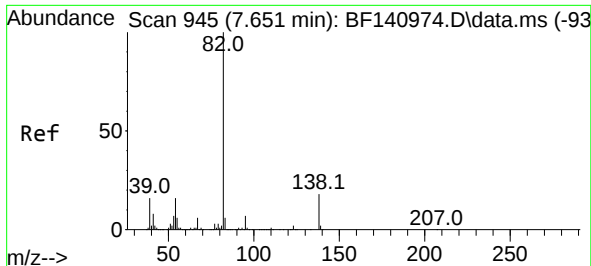
Lab File: BF141042.D

Acq: 30 Dec 2024 20:18

Tgt Ion: 77 Resp: 930118

Ion	Ratio	Lower	Upper
77	100		
123	47.5	35.4	53.2
65	13.4	10.7	16.1

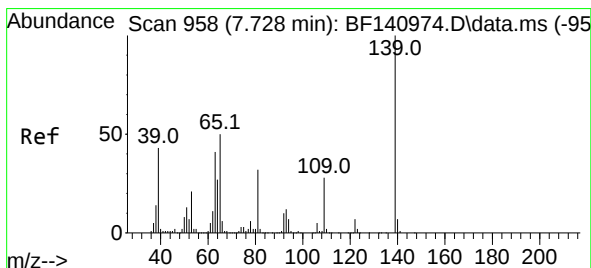
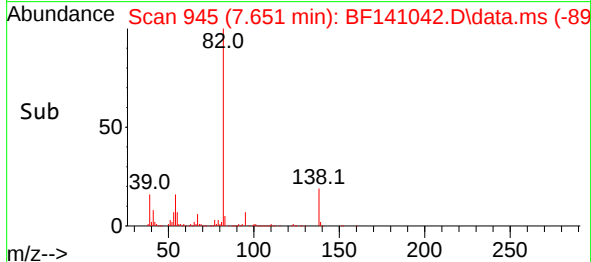
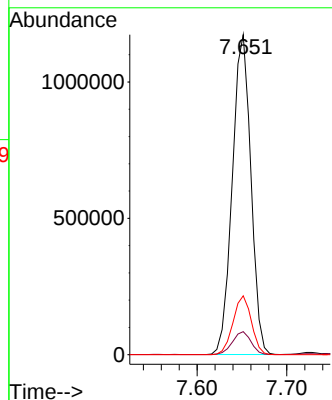
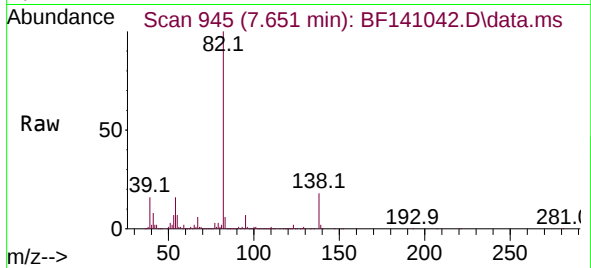




#25
Isophorone
Concen: 52.339 ng
RT: 7.651 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF141042.D
Acq: 30 Dec 2024 20:18

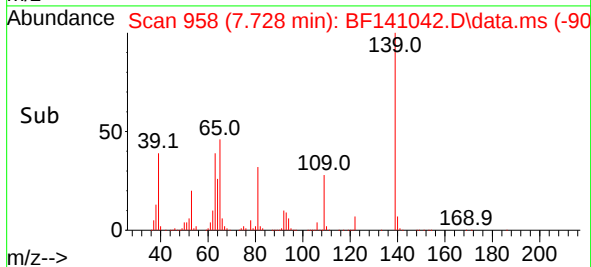
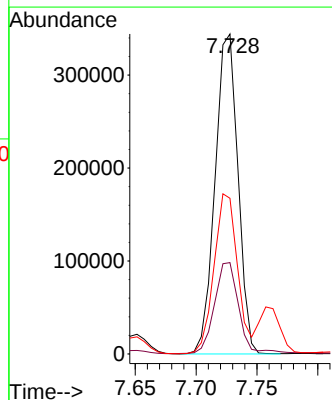
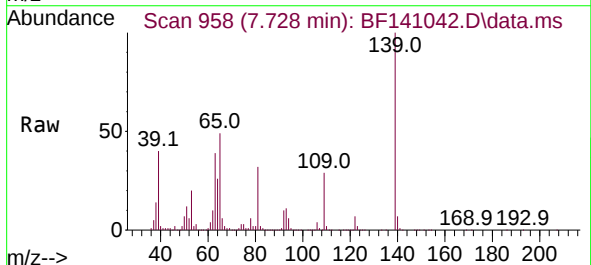
Instrument :
BNA_F
ClientSampleId :
NB-07-12272024MS

Tgt Ion: 82 Resp: 1684116
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 18.4 14.6 21.8



#26
2-Nitrophenol
Concen: 64.465 ng
RT: 7.728 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF141042.D
Acq: 30 Dec 2024 20:18

Tgt Ion:139 Resp: 450350
Ion Ratio Lower Upper
139 100
109 28.6 22.2 33.4
65 48.6 40.2 60.4

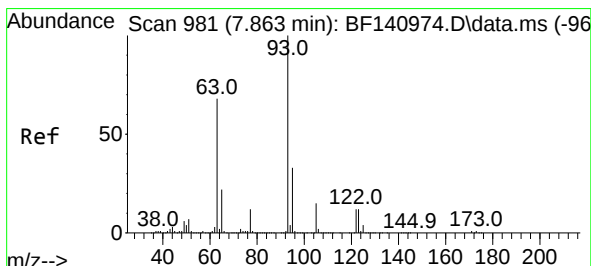
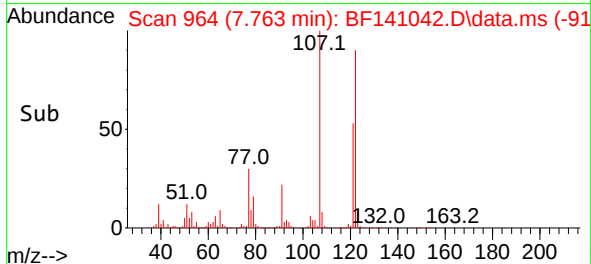
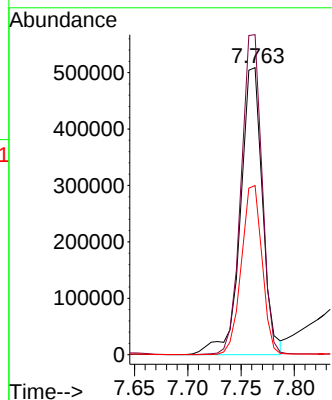
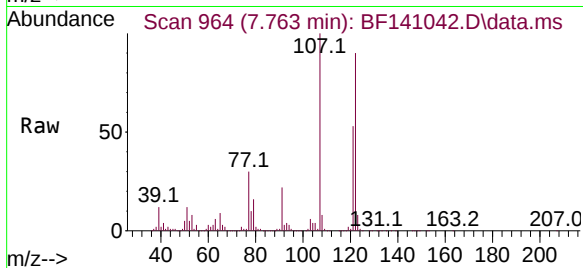




#27
2,4-Dimethylphenol
Concen: 62.583 ng
RT: 7.763 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF141042.D
Acq: 30 Dec 2024 20:18

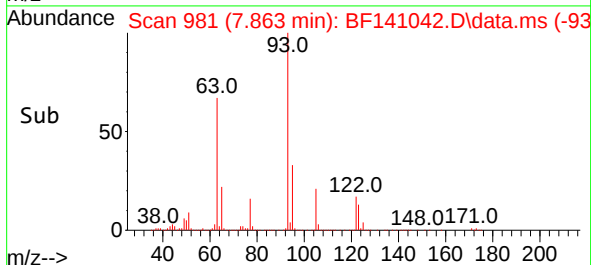
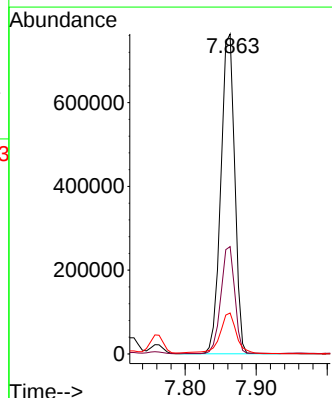
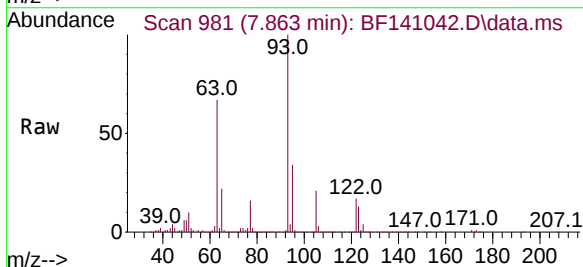
Instrument :
BNA_F
ClientSampleId :
NB-07-12272024MS

Tgt Ion:122 Resp: 735961
Ion Ratio Lower Upper
122 100
107 111.5 89.4 134.2
121 58.9 46.7 70.1



#28
bis(2-Chloroethoxy)methane
Concen: 50.580 ng
RT: 7.863 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF141042.D
Acq: 30 Dec 2024 20:18

Tgt Ion: 93 Resp: 1031175
Ion Ratio Lower Upper
93 100
95 33.6 26.2 39.4
123 12.8 9.9 14.9

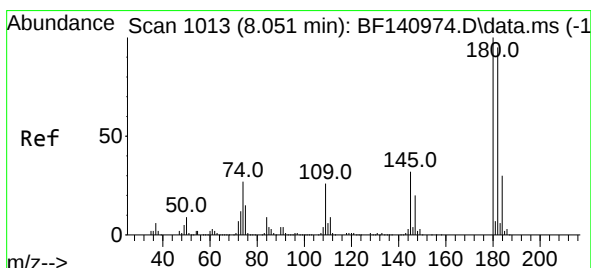
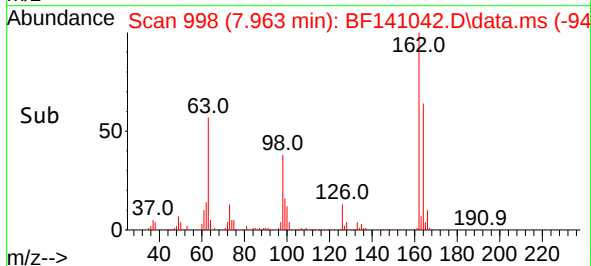
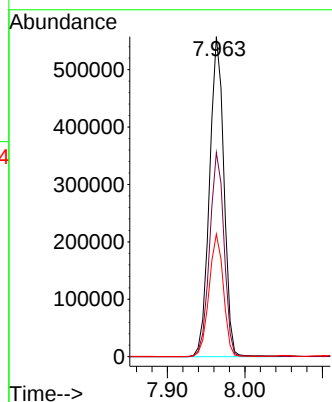
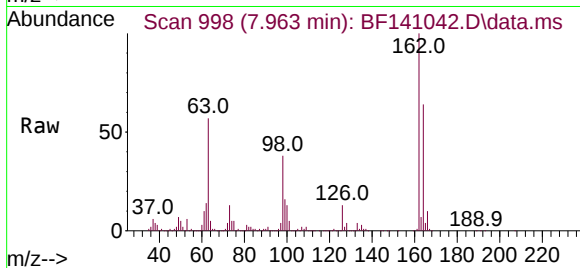




#29
2,4-Dichlorophenol
Concen: 54.033 ng
RT: 7.963 min Scan# 998
Delta R.T. 0.000 min
Lab File: BF141042.D
Acq: 30 Dec 2024 20:18

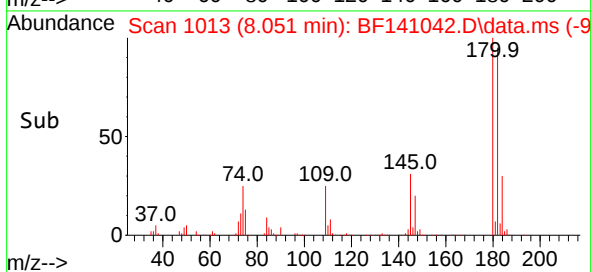
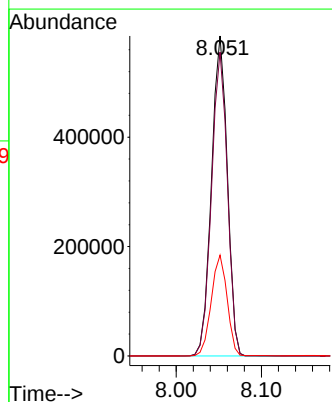
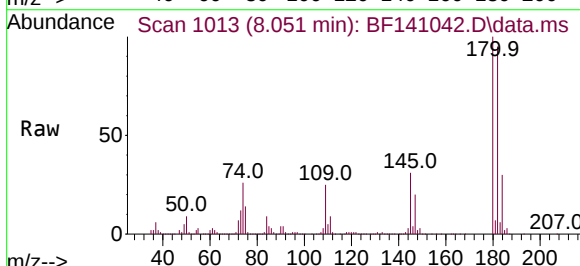
Instrument :
BNA_F
ClientSampleId :
NB-07-12272024MS

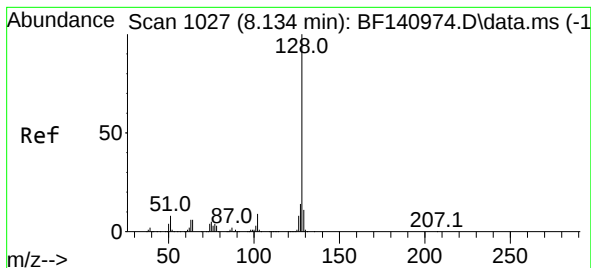
Tgt Ion:	162	Resp:	720660
Ion	Ratio	Lower	Upper
162	100		
164	63.8	44.8	84.8
98	38.3	18.6	58.6



#30
1,2,4-Trichlorobenzene
Concen: 50.068 ng
RT: 8.051 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF141042.D
Acq: 30 Dec 2024 20:18

Tgt Ion:	180	Resp:	755817
Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.2	114.4
145	31.5	25.4	38.2





#31

Naphthalene

Concen: 49.590 ng

RT: 8.134 min Scan# 1027

Delta R.T. 0.000 min

Lab File: BF141042.D

Acq: 30 Dec 2024 20:18

Instrument :

BNA_F

ClientSampleId :

NB-07-12272024MS

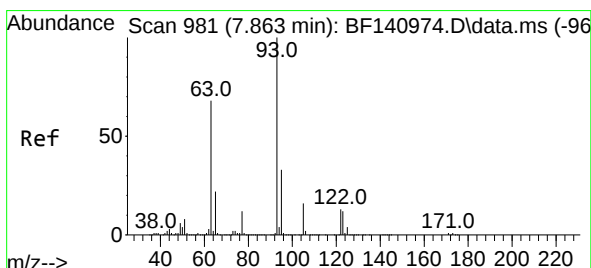
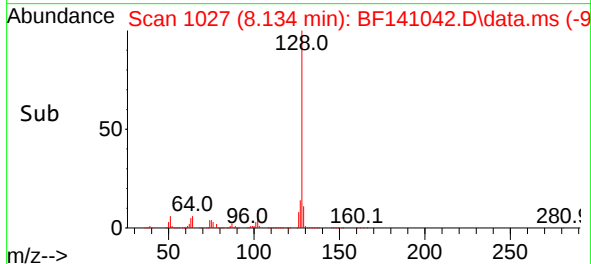
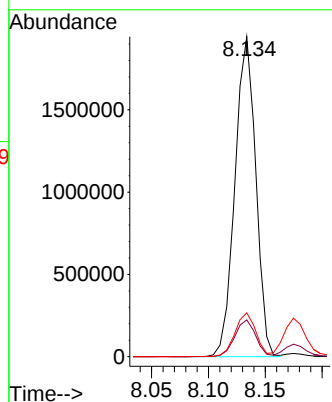
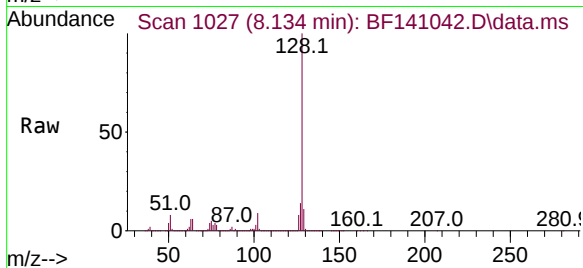
Tgt Ion:128 Resp: 2472114

Ion Ratio Lower Upper

128 100

129 11.5 9.2 13.8

127 13.7 11.0 16.4



#32

Benzoic acid

Concen: 59.527 ng

RT: 7.875 min Scan# 983

Delta R.T. 0.012 min

Lab File: BF141042.D

Acq: 30 Dec 2024 20:18

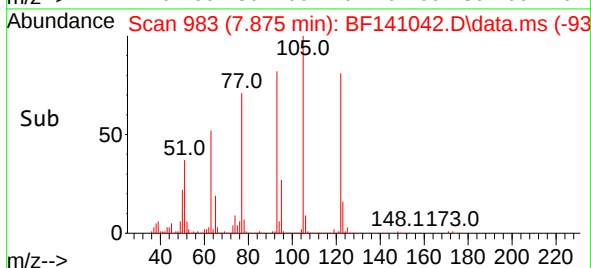
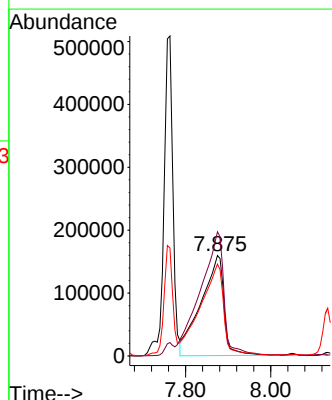
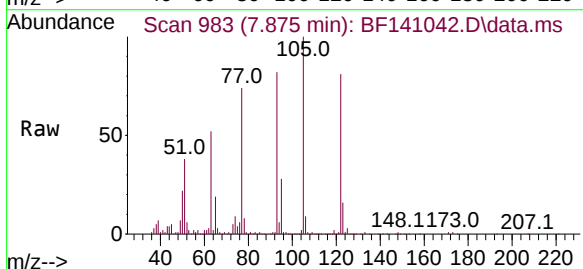
Tgt Ion:122 Resp: 597374

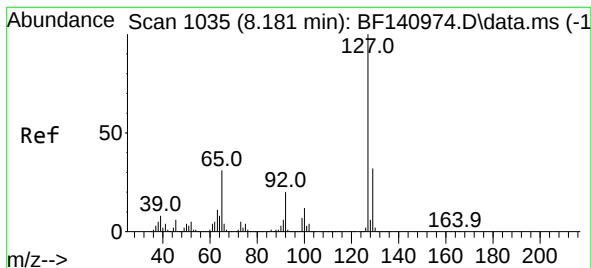
Ion Ratio Lower Upper

122 100

105 123.6 105.4 145.4

77 91.4 76.4 116.4





#33

4-Chloroaniline

Concen: 18.476 ng

RT: 8.175 min Scan# 1034

Delta R.T. -0.006 min

Lab File: BF141042.D

Acq: 30 Dec 2024 20:18

Instrument :

BNA_F

ClientSampleId :

NB-07-12272024MS

Tgt Ion:127 Resp: 333209

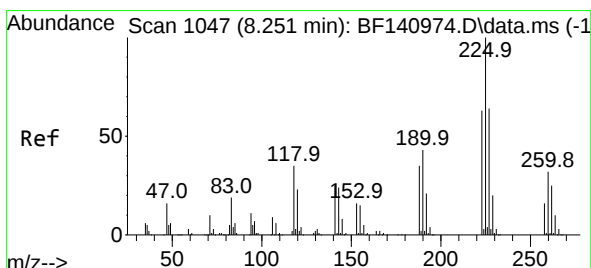
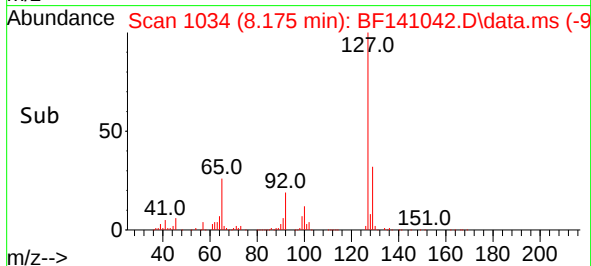
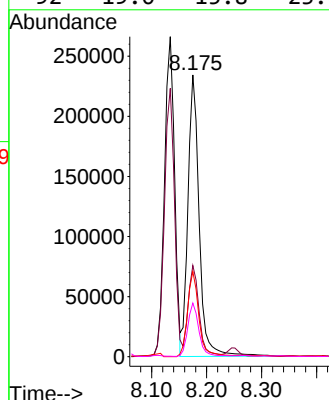
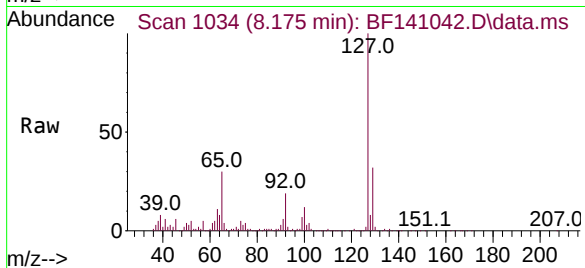
Ion Ratio Lower Upper

127 100

129 32.4 26.1 39.1

65 30.2 24.6 37.0

92 19.0 15.8 23.6



#34

Hexachlorobutadiene

Concen: 51.306 ng

RT: 8.251 min Scan# 1047

Delta R.T. 0.000 min

Lab File: BF141042.D

Acq: 30 Dec 2024 20:18

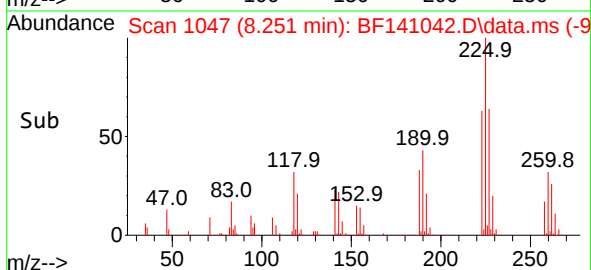
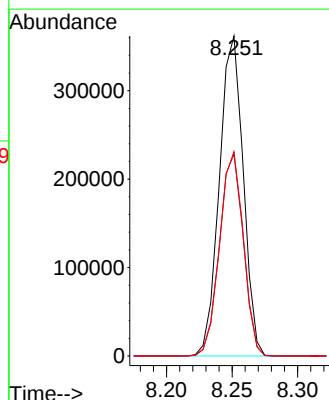
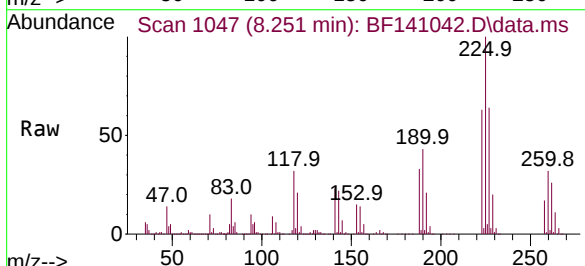
Tgt Ion:225 Resp: 456593

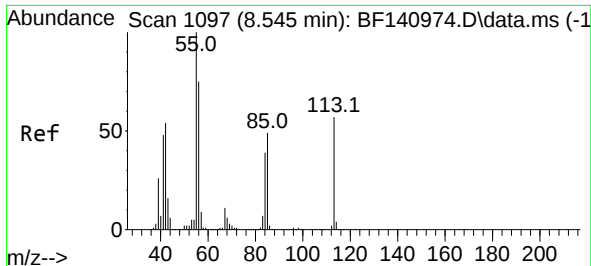
Ion Ratio Lower Upper

225 100

223 63.1 50.3 75.5

227 63.9 50.8 76.2

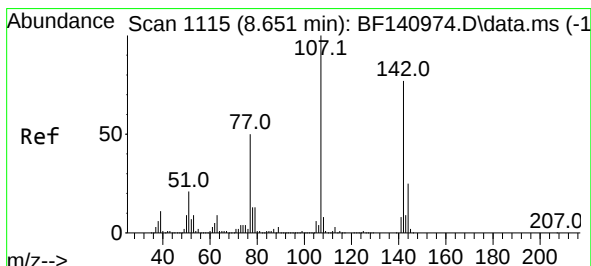
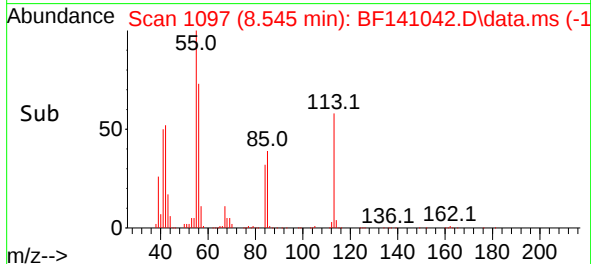
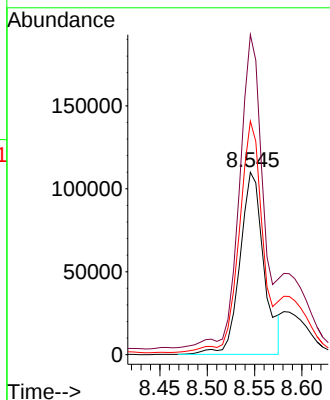
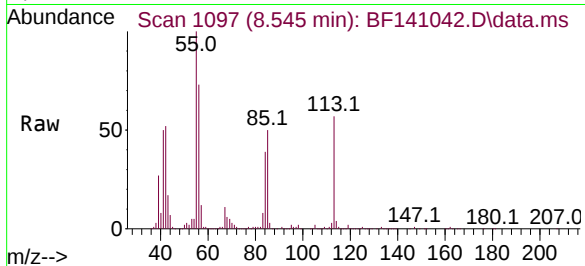




#35
Caprolactam
Concen: 42.587 ng
RT: 8.545 min Scan# 1097
Delta R.T. 0.000 min
Lab File: BF141042.D
Acq: 30 Dec 2024 20:18

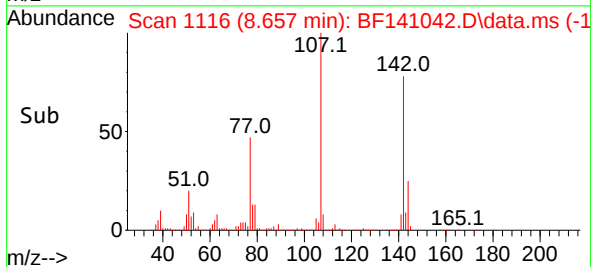
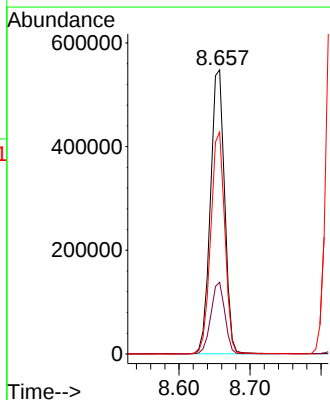
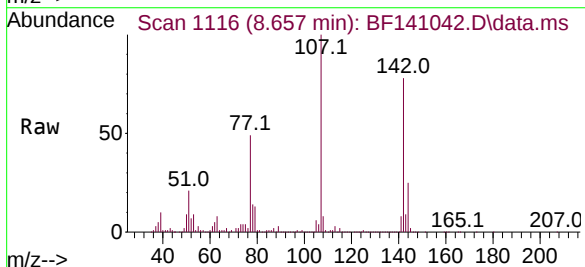
Instrument :
BNA_F
ClientSampleId :
NB-07-12272024MS

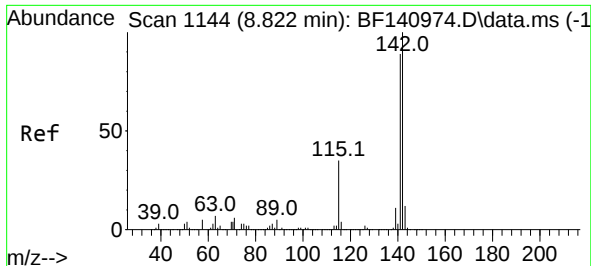
Tgt Ion:113 Resp: 193093
Ion Ratio Lower Upper
113 100
55 175.5 156.6 196.6
56 128.1 111.7 151.7



#36
4-Chloro-3-methylphenol
Concen: 51.291 ng
RT: 8.657 min Scan# 1116
Delta R.T. 0.006 min
Lab File: BF141042.D
Acq: 30 Dec 2024 20:18

Tgt Ion:107 Resp: 759718
Ion Ratio Lower Upper
107 100
144 25.2 19.9 29.9
142 78.1 61.8 92.8

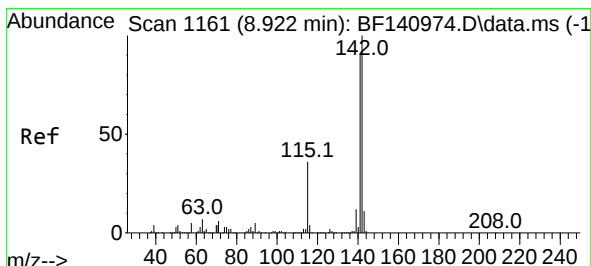
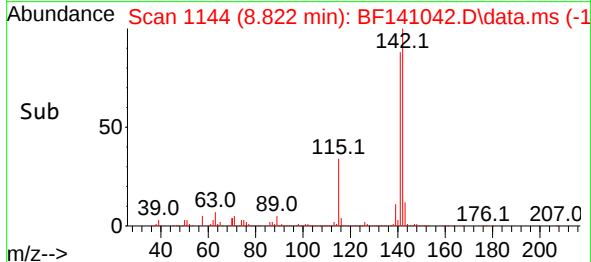
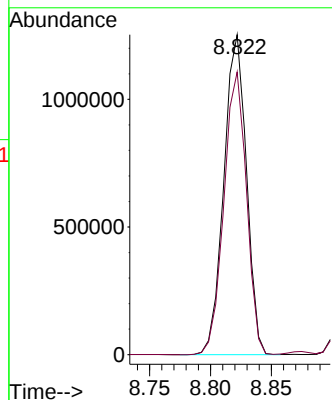
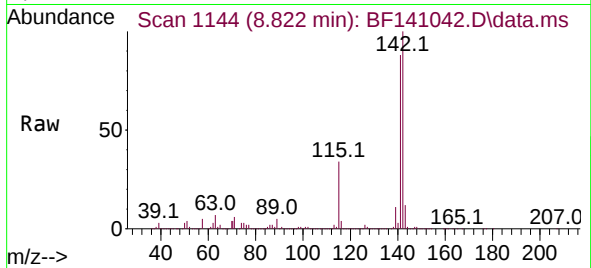




#37
2-Methylnaphthalene
Concen: 50.683 ng
RT: 8.822 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BF141042.D
Acq: 30 Dec 2024 20:18

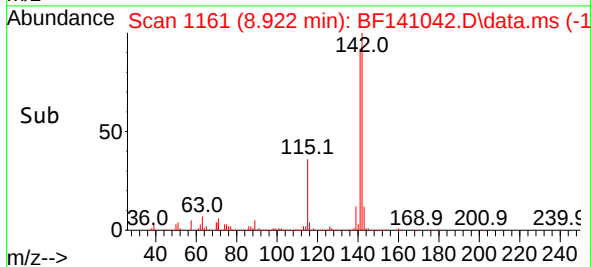
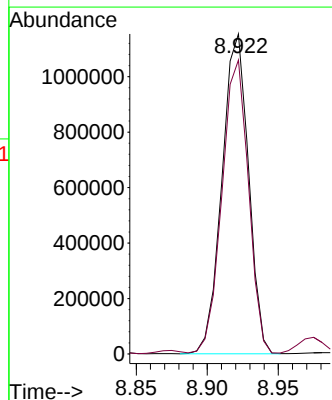
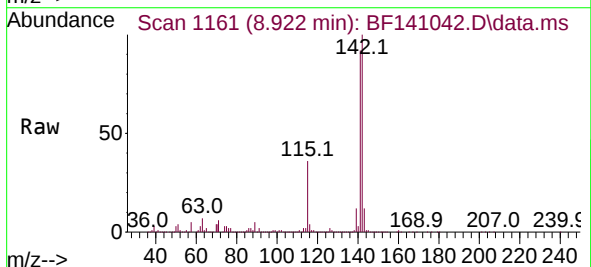
Instrument :
BNA_F
ClientSampleId :
NB-07-12272024MS

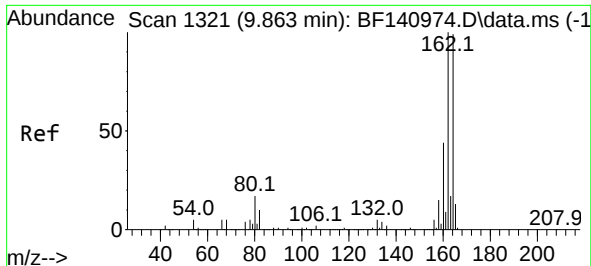
Tgt Ion:142 Resp: 1616357
Ion Ratio Lower Upper
142 100
141 88.4 71.1 106.7



#38
1-Methylnaphthalene
Concen: 47.768 ng
RT: 8.922 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF141042.D
Acq: 30 Dec 2024 20:18

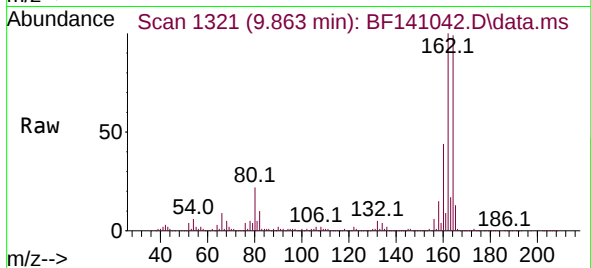
Tgt Ion:142 Resp: 1497158
Ion Ratio Lower Upper
142 100
141 91.8 72.7 109.1



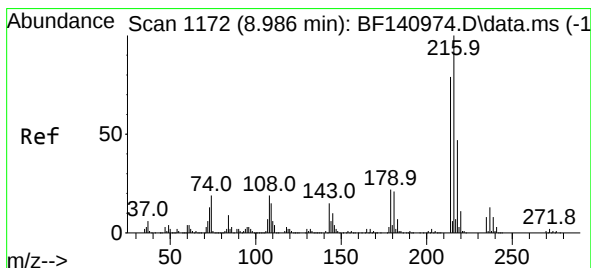
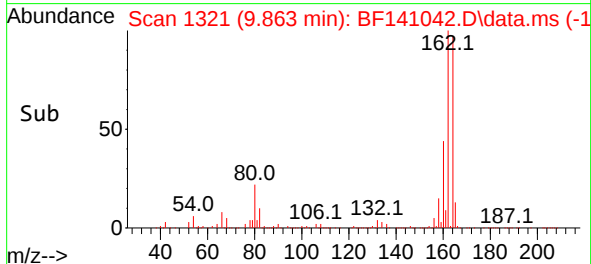
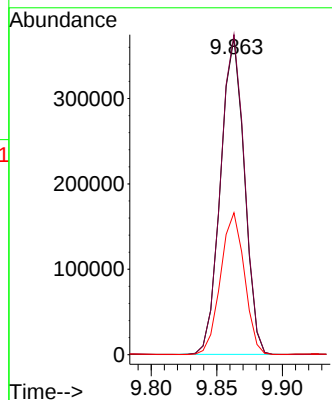


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF141042.D
Acq: 30 Dec 2024 20:18

Instrument :
BNA_F
ClientSampleId :
NB-07-12272024MS

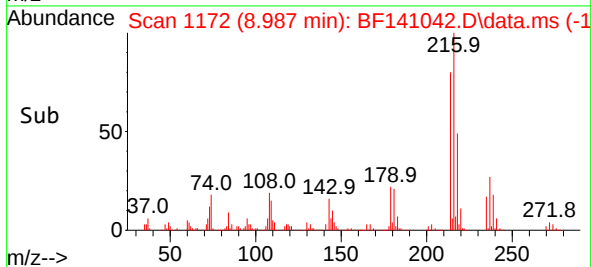
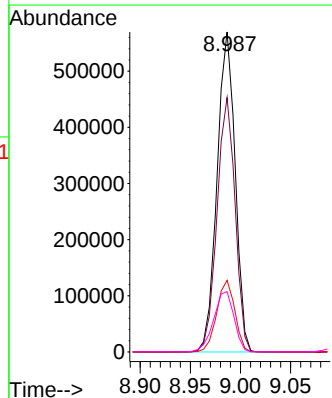
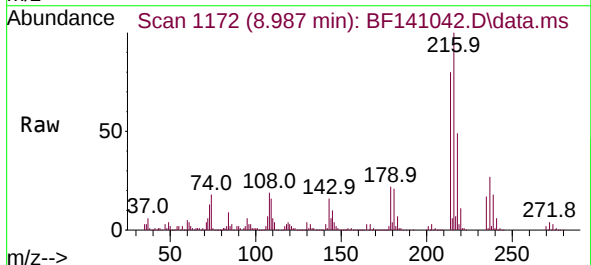


Tgt Ion:164 Resp: 467703
Ion Ratio Lower Upper
164 100
162 101.0 80.6 120.8
160 44.8 35.7 53.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 55.365 ng
RT: 8.987 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF141042.D
Acq: 30 Dec 2024 20:18

Tgt Ion:216 Resp: 712384
Ion Ratio Lower Upper
216 100
214 79.5 63.0 94.6
179 22.3 17.9 26.9
108 21.1 16.2 24.2

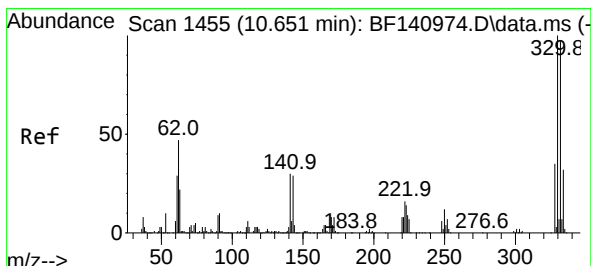
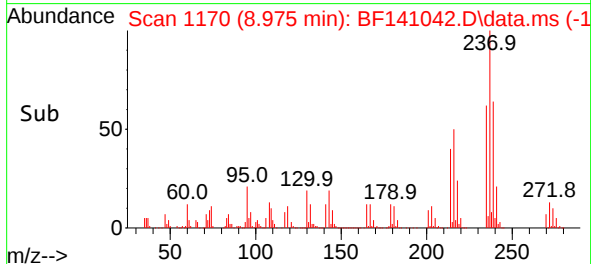
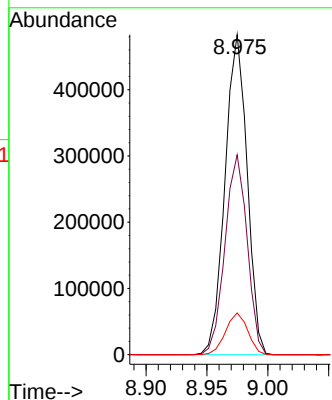
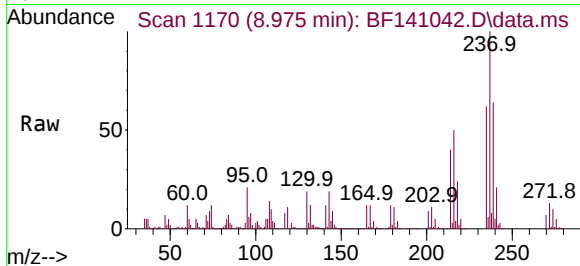




#41
Hexachlorocyclopentadiene
Concen: 143.145 ng
RT: 8.975 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF141042.D
Acq: 30 Dec 2024 20:18

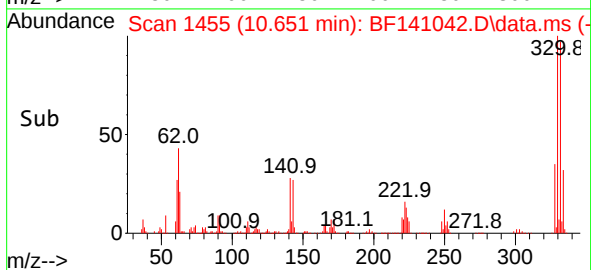
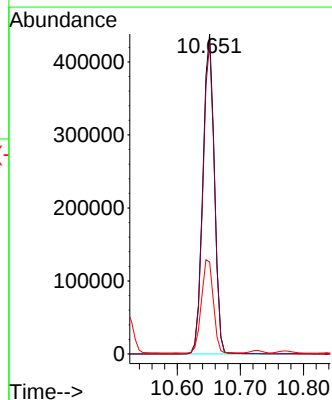
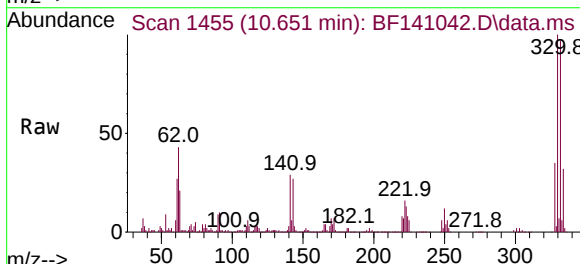
Instrument :
BNA_F
ClientSampleId :
NB-07-12272024MS

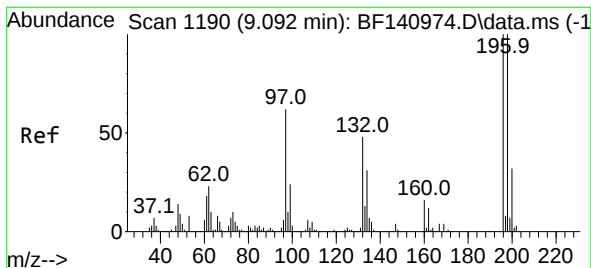
Tgt Ion:237 Resp: 610371
Ion Ratio Lower Upper
237 100
235 62.4 43.4 83.4
272 13.1 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 121.399 ng
RT: 10.651 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BF141042.D
Acq: 30 Dec 2024 20:18

Tgt Ion:330 Resp: 551722
Ion Ratio Lower Upper
330 100
332 97.0 78.0 117.0
141 30.3 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 59.456 ng

RT: 9.092 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF141042.D

Acq: 30 Dec 2024 20:18

Instrument :

BNA_F

ClientSampleId :

NB-07-12272024MS

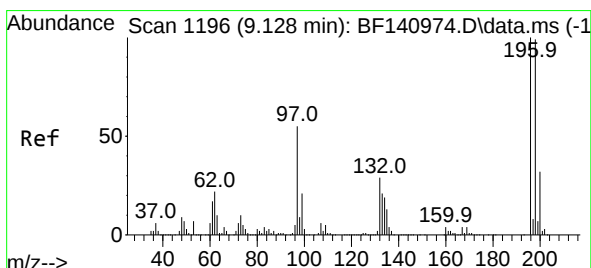
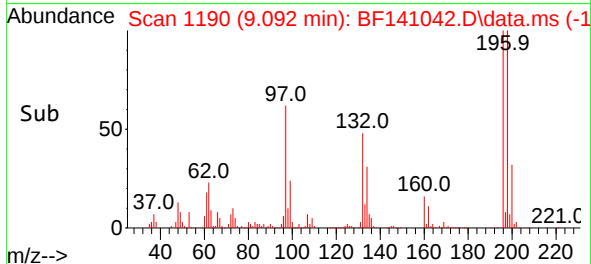
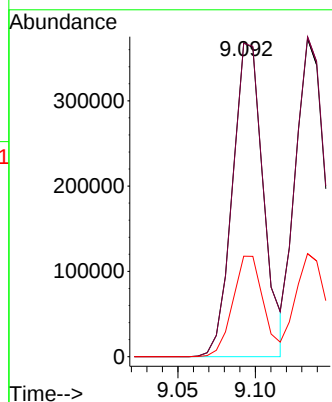
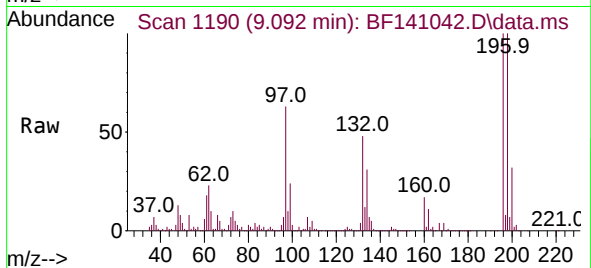
Tgt Ion:196 Resp: 509162

Ion Ratio Lower Upper

196 100

198 99.9 80.2 120.4

200 32.0 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 56.035 ng

RT: 9.134 min Scan# 1197

Delta R.T. 0.006 min

Lab File: BF141042.D

Acq: 30 Dec 2024 20:18

Tgt Ion:196 Resp: 490996

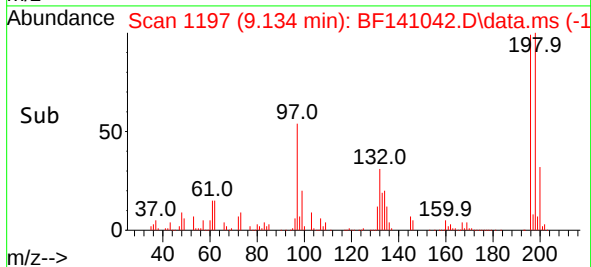
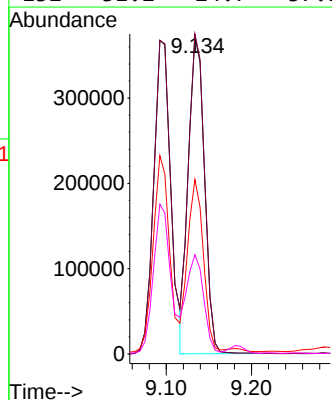
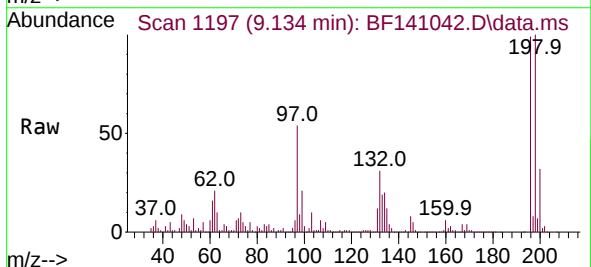
Ion Ratio Lower Upper

196 100

198 100.6 79.9 119.9

97 54.8 44.3 66.5

132 31.2 24.7 37.1

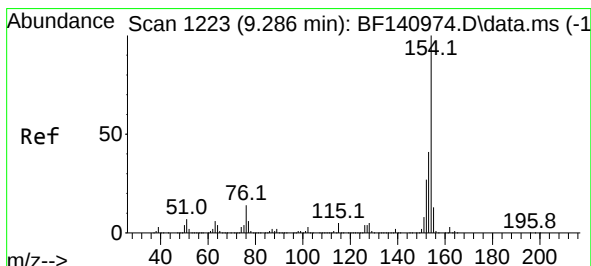
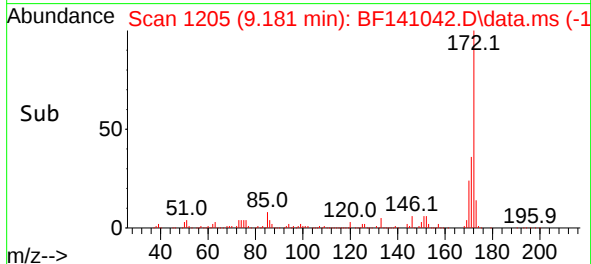
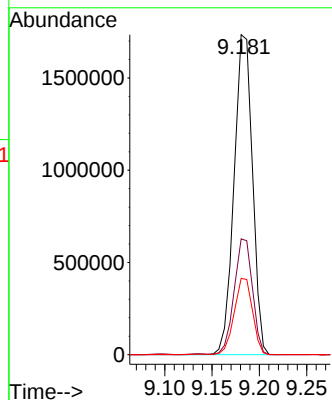
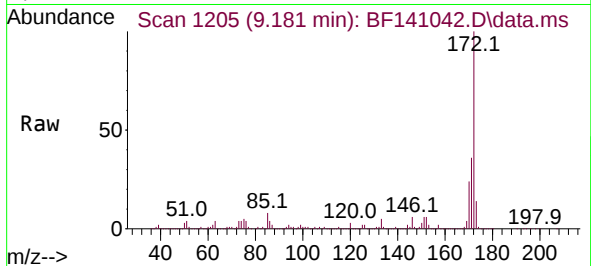




#45
2-Fluorobiphenyl
Concen: 79.810 ng
RT: 9.181 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF141042.D
Acq: 30 Dec 2024 20:18

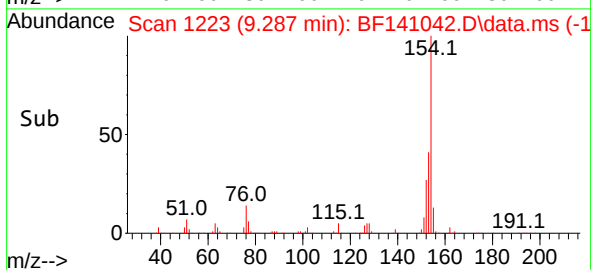
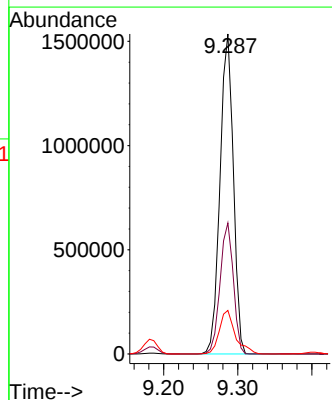
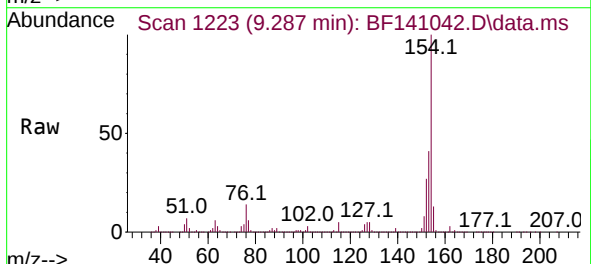
Instrument :
BNA_F
ClientSampleId :
NB-07-12272024MS

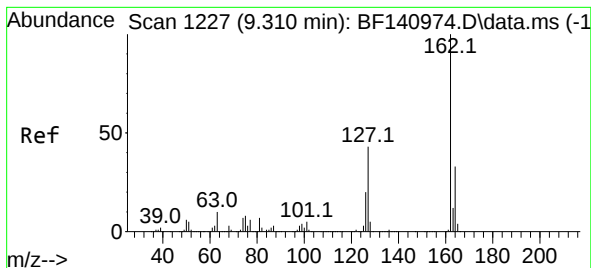
Tgt Ion:172 Resp: 2342872
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.4
170 23.8 19.6 29.4



#46
1,1'-Biphenyl
Concen: 53.555 ng
RT: 9.287 min Scan# 1223
Delta R.T. 0.001 min
Lab File: BF141042.D
Acq: 30 Dec 2024 20:18

Tgt Ion:154 Resp: 1917887
Ion Ratio Lower Upper
154 100
153 40.9 20.9 60.9
76 13.6 0.0 34.0





#47

2-Chloronaphthalene

Concen: 52.399 ng

RT: 9.310 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF141042.D

Acq: 30 Dec 2024 20:18

Instrument :

BNA_F

ClientSampleId :

NB-07-12272024MS

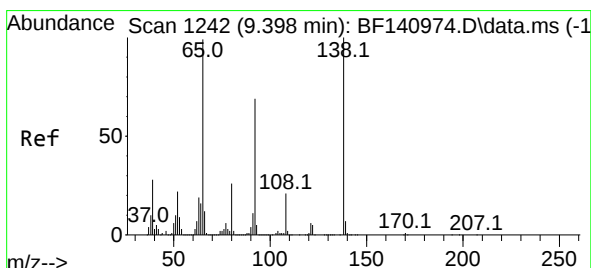
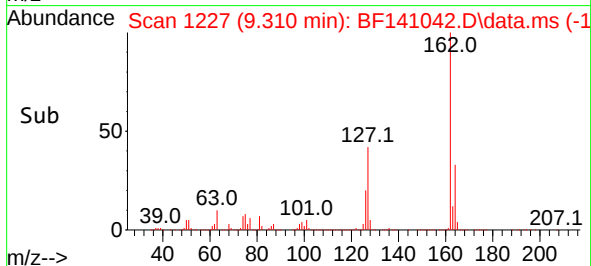
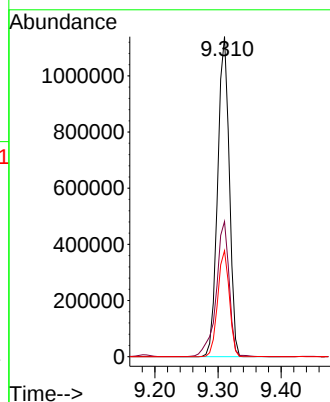
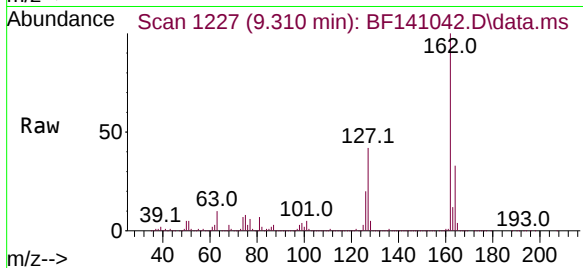
Tgt Ion:162 Resp: 1455347

Ion Ratio Lower Upper

162 100

127 42.3 34.2 51.4

164 33.1 26.6 40.0



#48

2-Nitroaniline

Concen: 61.168 ng

RT: 9.404 min Scan# 1243

Delta R.T. 0.006 min

Lab File: BF141042.D

Acq: 30 Dec 2024 20:18

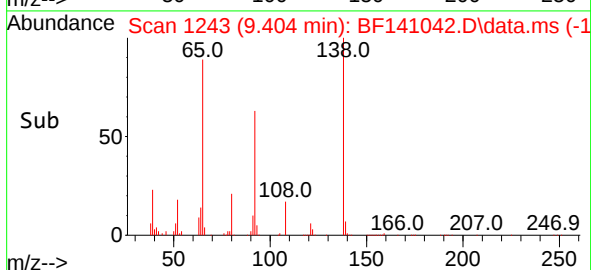
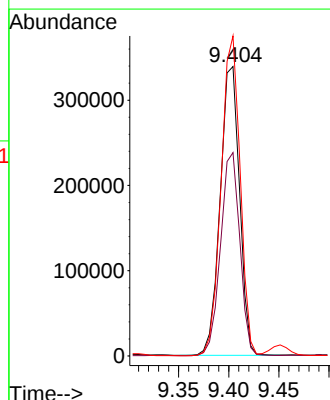
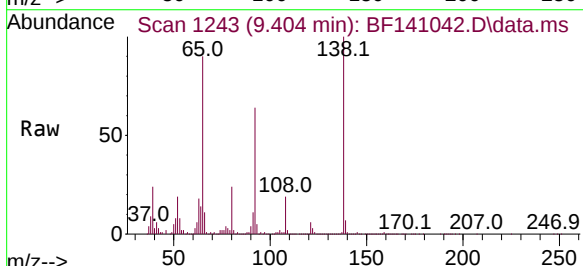
Tgt Ion: 65 Resp: 454697

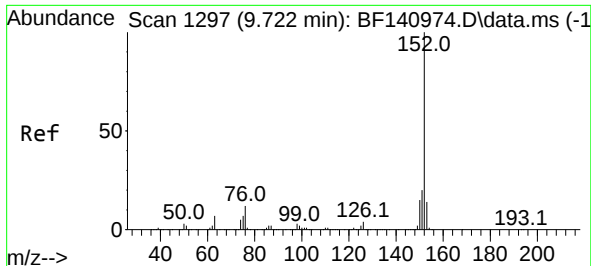
Ion Ratio Lower Upper

65 100

92 70.3 55.6 83.4

138 110.6 80.5 120.7

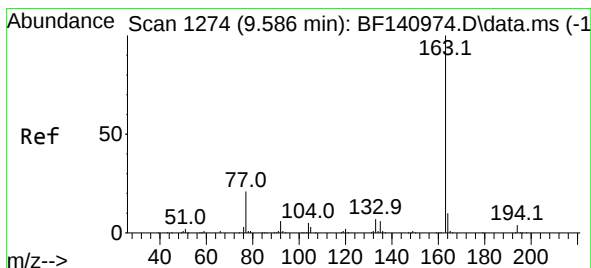
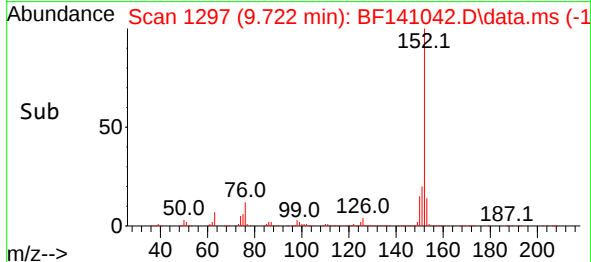
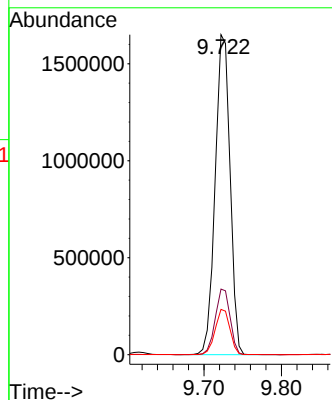
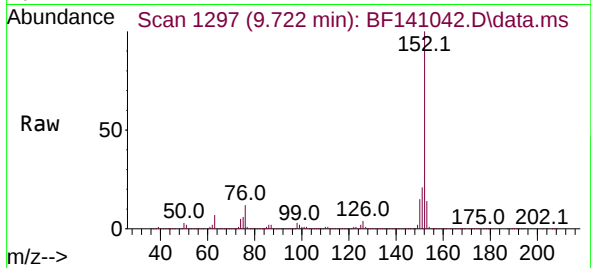




#49
Acenaphthylene
Concen: 55.114 ng
RT: 9.722 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BF141042.D
Acq: 30 Dec 2024 20:18

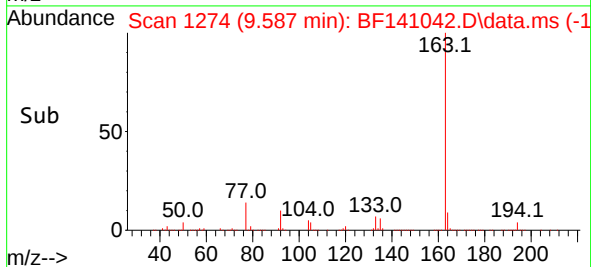
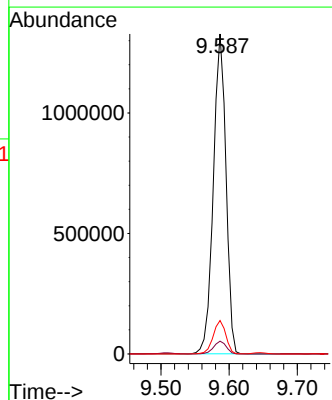
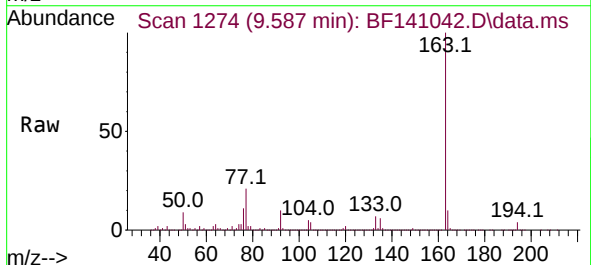
Instrument :
BNA_F
ClientSampleId :
NB-07-12272024MS

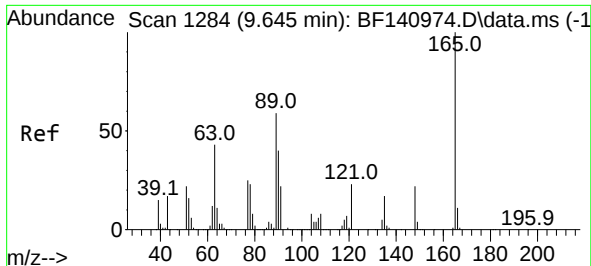
Tgt Ion:152 Resp: 2203613
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 14.2 11.4 17.0



#50
Dimethylphthalate
Concen: 55.634 ng
RT: 9.587 min Scan# 1274
Delta R.T. 0.001 min
Lab File: BF141042.D
Acq: 30 Dec 2024 20:18

Tgt Ion:163 Resp: 1711514
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.5 8.3 12.5

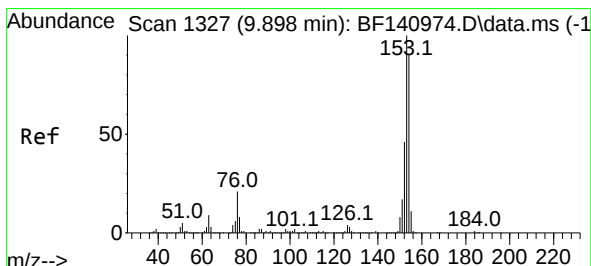
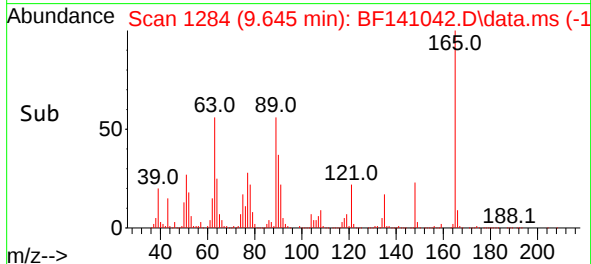
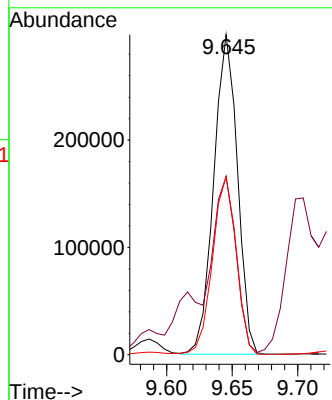
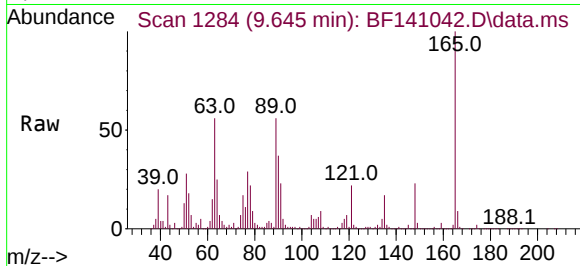




#51
2,6-Dinitrotoluene
Concen: 58.748 ng
RT: 9.645 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF141042.D
Acq: 30 Dec 2024 20:18

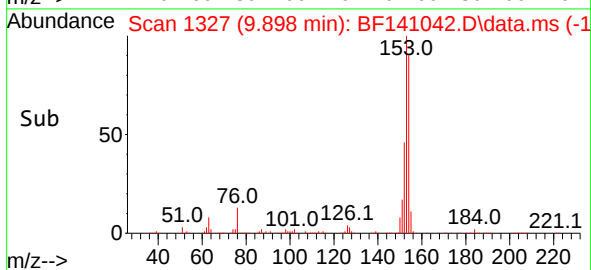
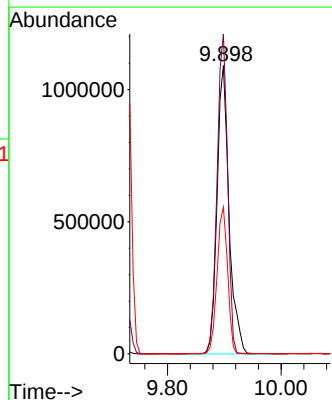
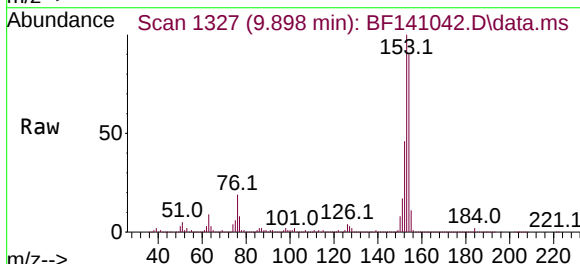
Instrument :
BNA_F
ClientSampleId :
NB-07-12272024MS

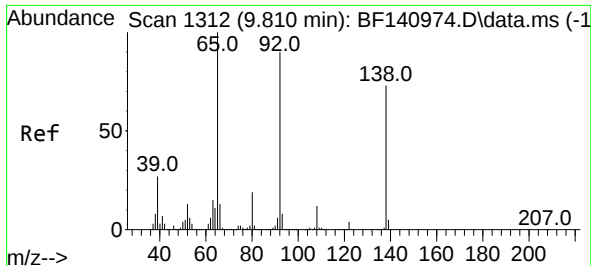
Tgt Ion:165 Resp: 374134
Ion Ratio Lower Upper
165 100
63 55.6 47.1 70.7
89 55.7 47.0 70.4



#52
Acenaphthene
Concen: 59.185 ng
RT: 9.898 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF141042.D
Acq: 30 Dec 2024 20:18

Tgt Ion:154 Resp: 1599776
Ion Ratio Lower Upper
154 100
153 111.0 89.2 133.8
152 50.9 40.9 61.3

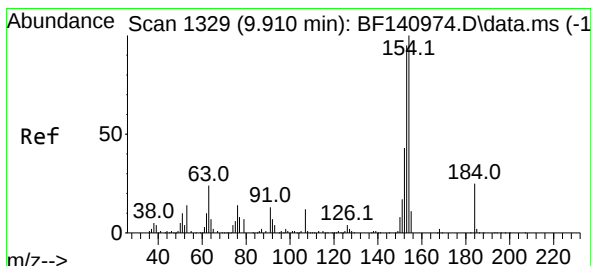
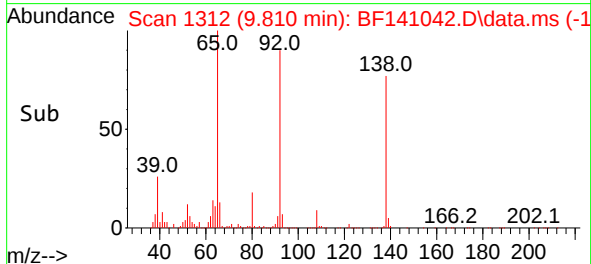
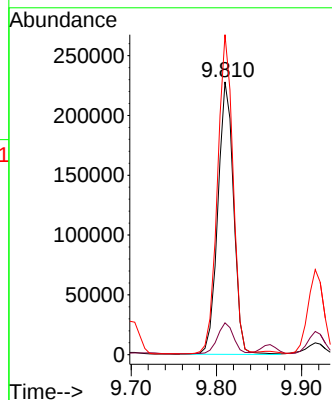
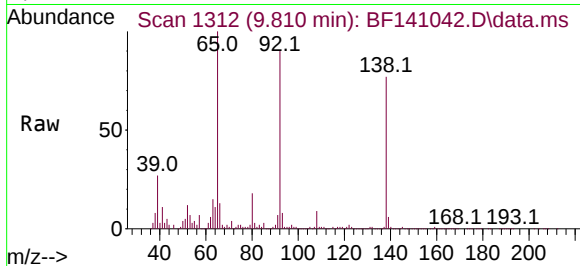




#53
3-Nitroaniline
Concen: 43.228 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141042.D
Acq: 30 Dec 2024 20:18

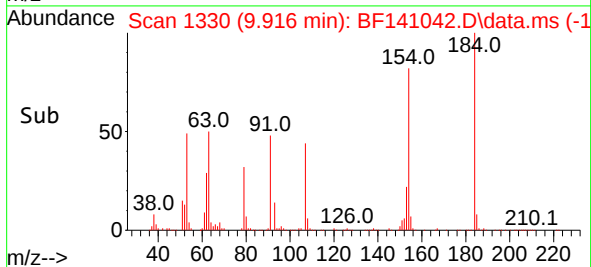
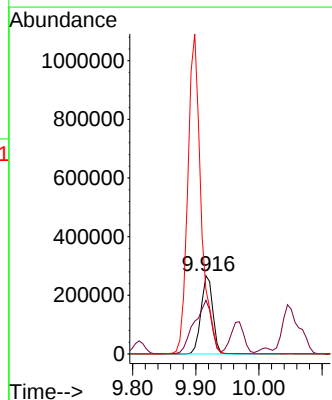
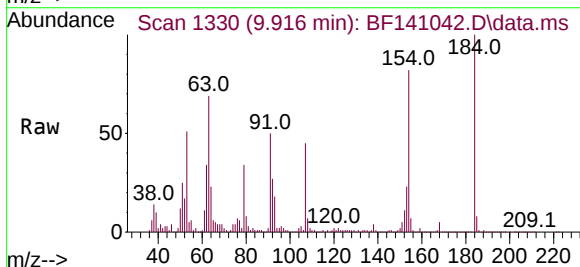
Instrument :
BNA_F
ClientSampleId :
NB-07-12272024MS

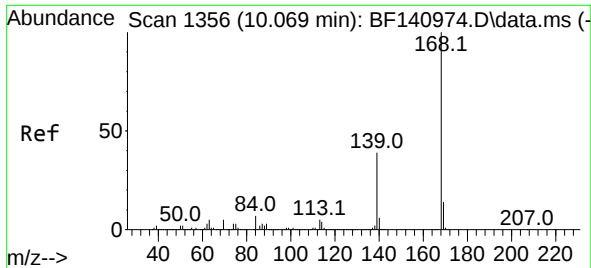
Tgt Ion:138 Resp: 292565
Ion Ratio Lower Upper
138 100
108 11.7 13.5 20.3#
92 117.3 97.7 146.5



#54
2,4-Dinitrophenol
Concen: 114.730 ng
RT: 9.916 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF141042.D
Acq: 30 Dec 2024 20:18

Tgt Ion:184 Resp: 344424
Ion Ratio Lower Upper
184 100
63 68.6 81.6 122.4#
154 82.3 363.5 545.3#

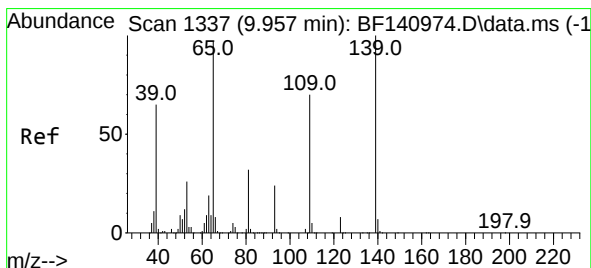
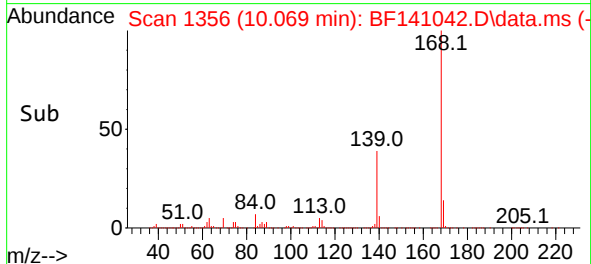
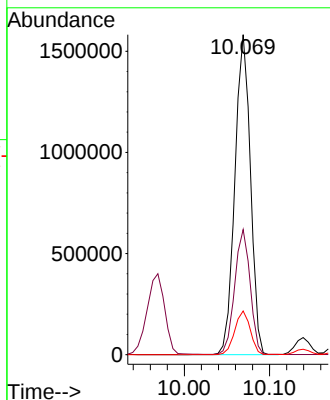
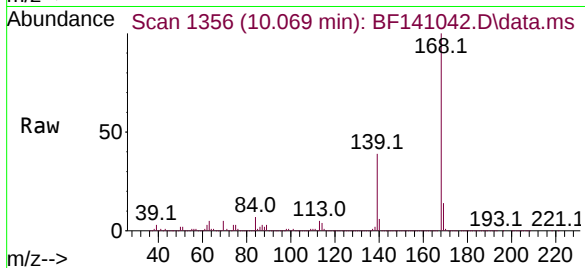




#55
Dibenzenofuran
Concen: 52.749 ng
RT: 10.069 min Scan# 1356
Delta R.T. 0.000 min
Lab File: BF141042.D
Acq: 30 Dec 2024 20:18

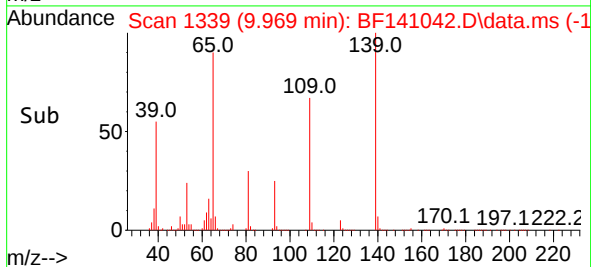
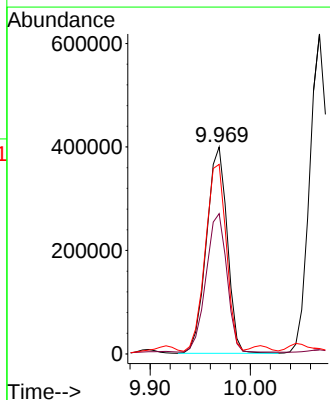
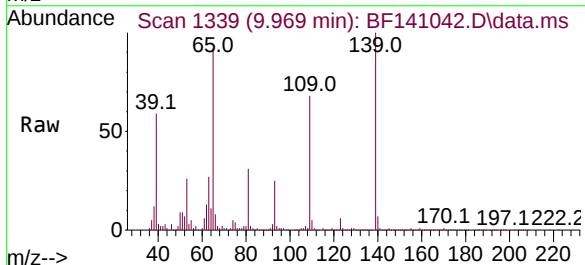
Instrument :
BNA_F
ClientSampleId :
NB-07-12272024MS

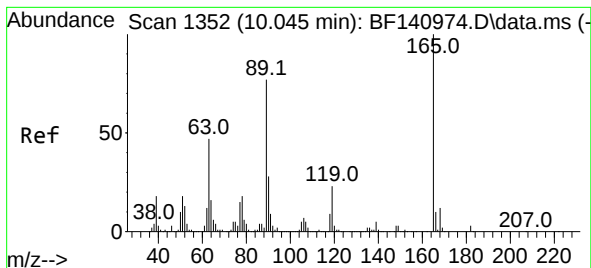
Tgt Ion:168 Resp: 2003782
Ion Ratio Lower Upper
168 100
139 39.1 31.6 47.4
169 13.7 11.0 16.6



#56
4-Nitrophenol
Concen: 109.014 ng
RT: 9.969 min Scan# 1339
Delta R.T. 0.012 min
Lab File: BF141042.D
Acq: 30 Dec 2024 20:18

Tgt Ion:139 Resp: 573678
Ion Ratio Lower Upper
139 100
109 67.8 50.8 90.8
65 91.6 78.5 118.5

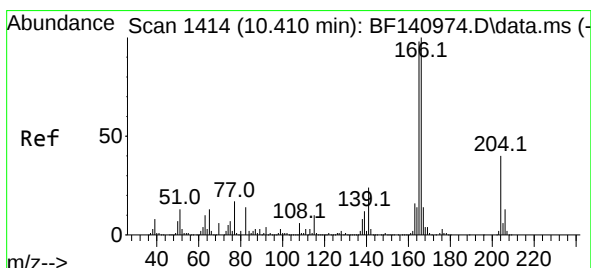
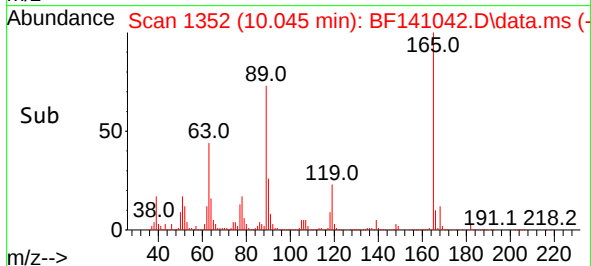
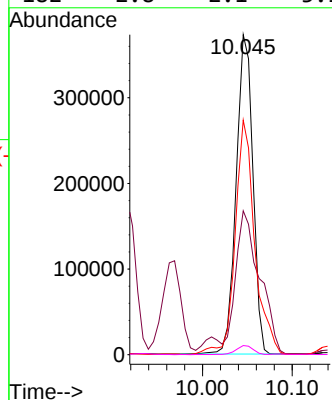
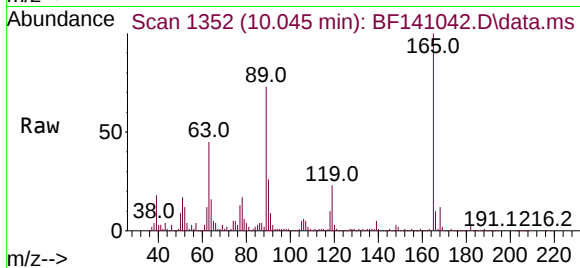




#57
2,4-Dinitrotoluene
Concen: 61.490 ng
RT: 10.045 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141042.D
Acq: 30 Dec 2024 20:18

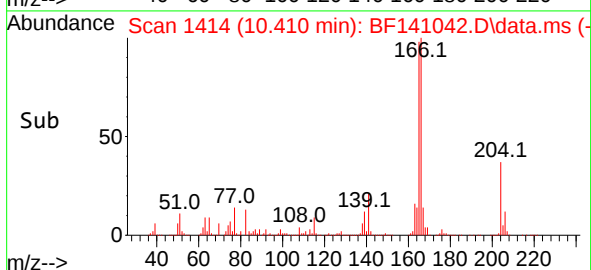
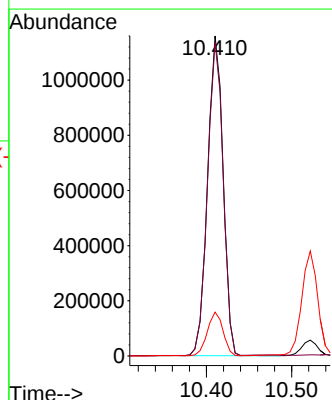
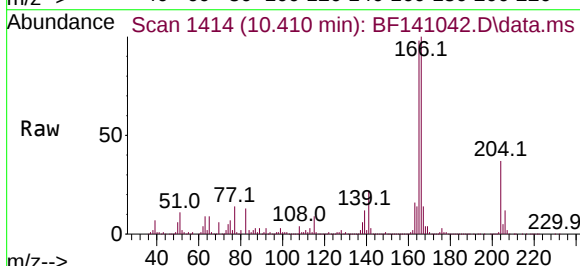
Instrument :
BNA_F
ClientSampleId :
NB-07-12272024MS

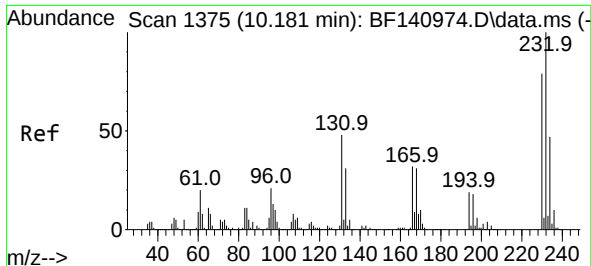
Tgt Ion:165 Resp: 482786
Ion Ratio Lower Upper
165 100
63 45.0 38.1 57.1
89 73.3 61.4 92.2
182 2.8 2.1 3.1



#58
Fluorene
Concen: 50.046 ng
RT: 10.410 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF141042.D
Acq: 30 Dec 2024 20:18

Tgt Ion:166 Resp: 1474211
Ion Ratio Lower Upper
166 100
165 98.0 78.3 117.5
167 13.7 10.9 16.3



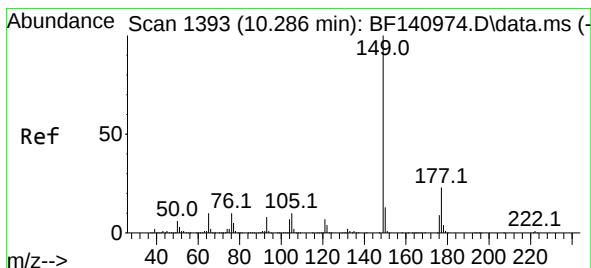
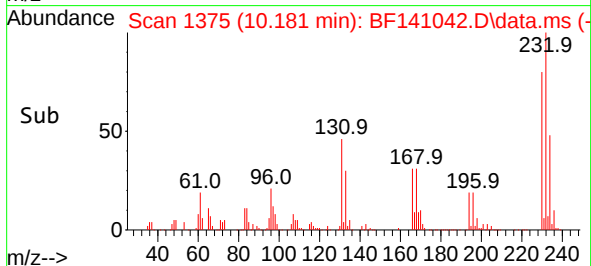
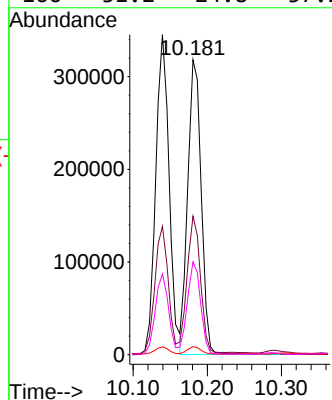
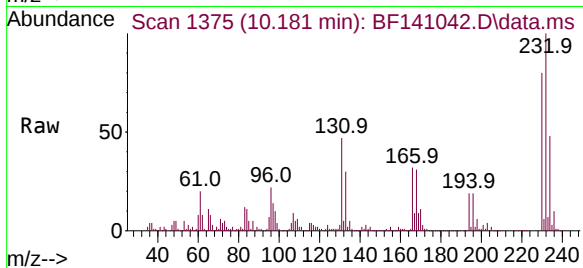


#59
2,3,4,6-Tetrachlorophenol
Concen: 55.282 ng
RT: 10.181 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BF141042.D
Acq: 30 Dec 2024 20:18

Instrument :
BNA_F
ClientSampleId :
NB-07-12272024MS

Tgt Ion:232 Resp: 401177

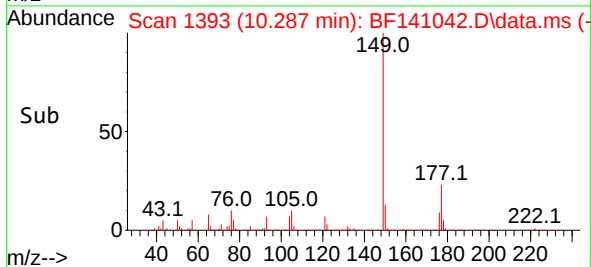
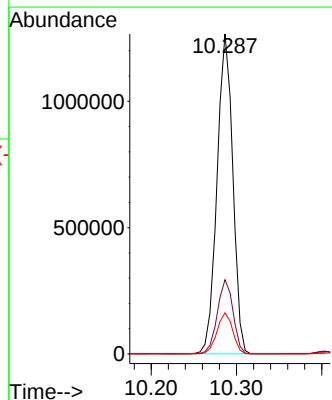
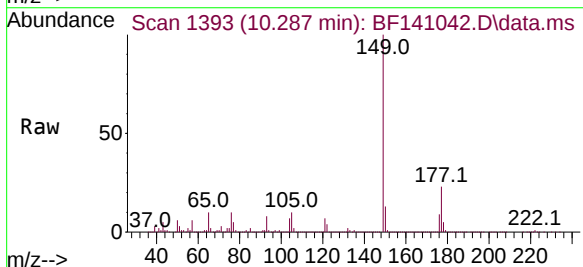
Ion	Ratio	Lower	Upper
232	100		
131	46.0	37.4	56.2
130	2.6	1.8	2.8
166	31.2	24.8	37.2

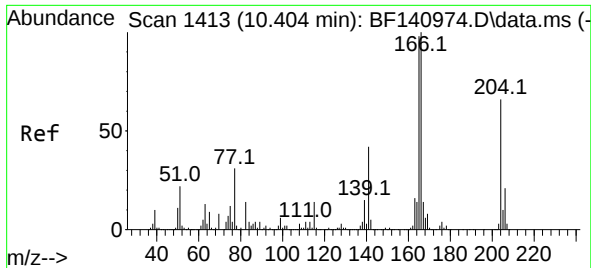


#60
Diethylphthalate
Concen: 53.530 ng
RT: 10.287 min Scan# 1393
Delta R.T. 0.000 min
Lab File: BF141042.D
Acq: 30 Dec 2024 20:18

Tgt Ion:149 Resp: 1625773

Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.3	27.5
150	12.9	10.4	15.6

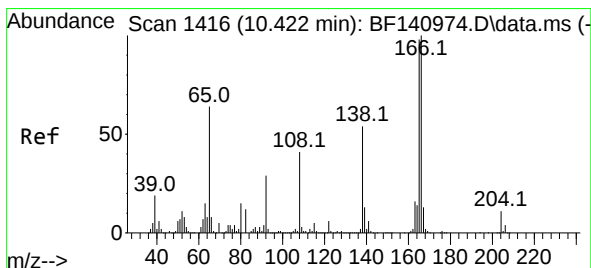
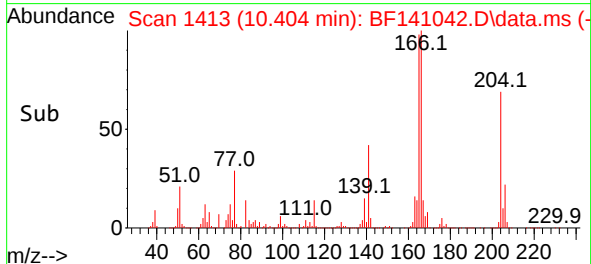
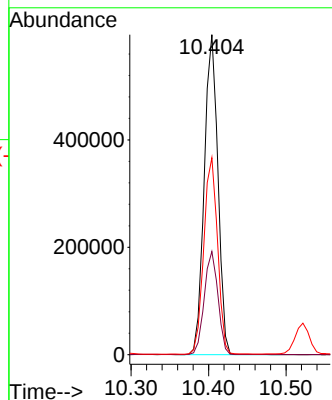
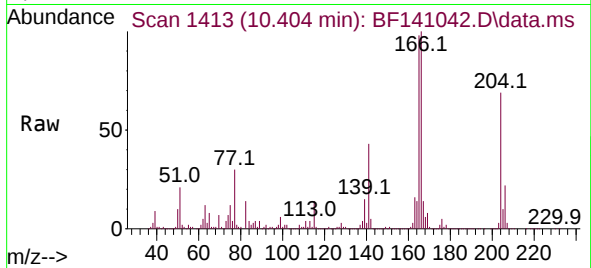




#61
4-Chlorophenyl-phenylether
Concen: 51.380 ng
RT: 10.404 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF141042.D
Acq: 30 Dec 2024 20:18

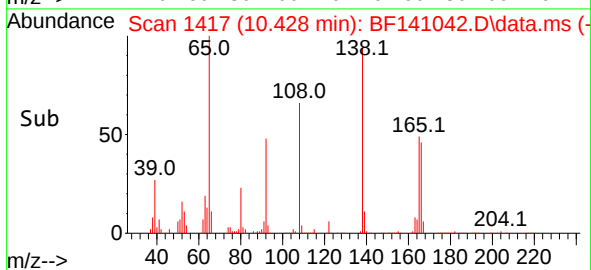
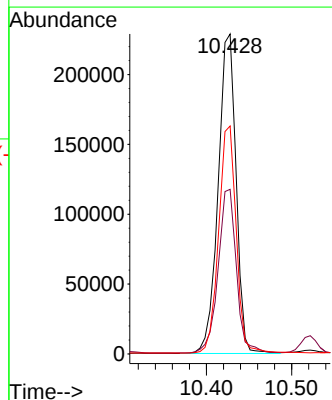
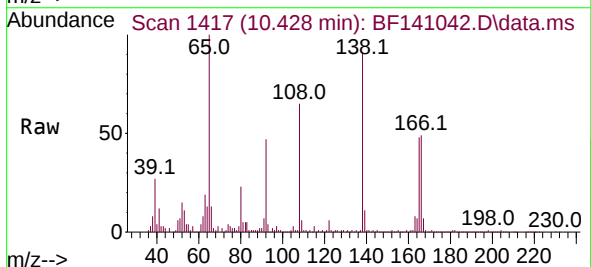
Instrument :
BNA_F
ClientSampleId :
NB-07-12272024MS

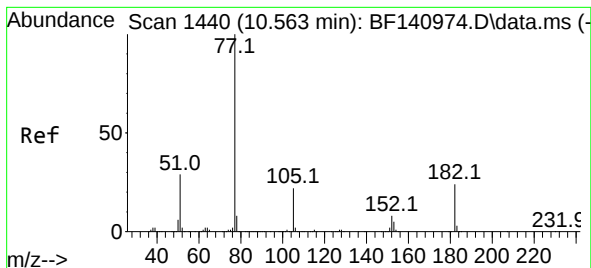
Tgt Ion:204 Resp: 728265
Ion Ratio Lower Upper
204 100
206 32.2 25.8 38.6
141 61.5 51.2 76.8



#62
4-Nitroaniline
Concen: 48.916 ng
RT: 10.428 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF141042.D
Acq: 30 Dec 2024 20:18

Tgt Ion:138 Resp: 333886
Ion Ratio Lower Upper
138 100
92 51.5 34.8 74.8
108 71.2 55.9 95.9





#63

Azobenzene

Concen: 52.847 ng

RT: 10.563 min Scan# 1440

Delta R.T. 0.000 min

Lab File: BF141042.D

Acq: 30 Dec 2024 20:18

Instrument :

BNA_F

ClientSampleId :

NB-07-12272024MS

Tgt Ion: 77 Resp: 1684683

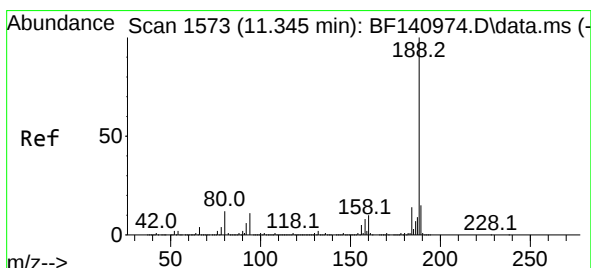
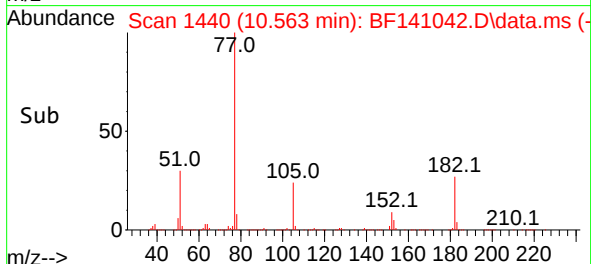
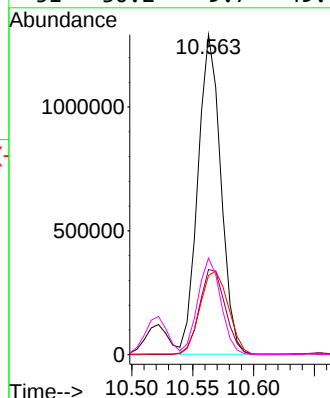
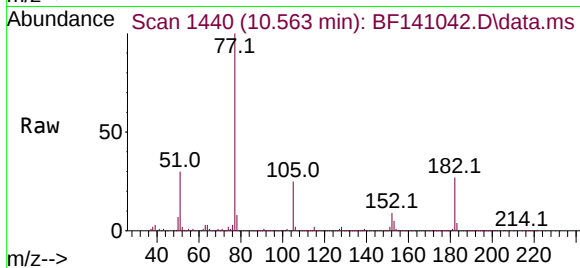
Ion Ratio Lower Upper

77 100

182 26.6 4.1 44.1

105 24.7 1.8 41.8

51 30.2 9.7 49.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.345 min Scan# 1573

Delta R.T. 0.000 min

Lab File: BF141042.D

Acq: 30 Dec 2024 20:18

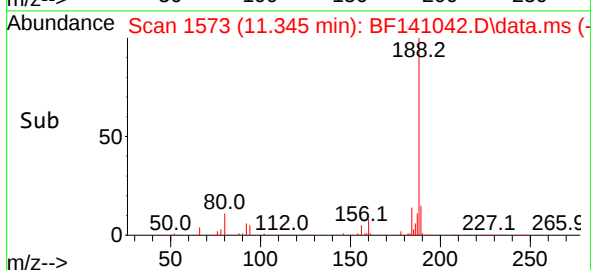
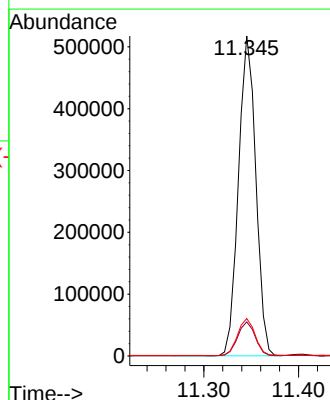
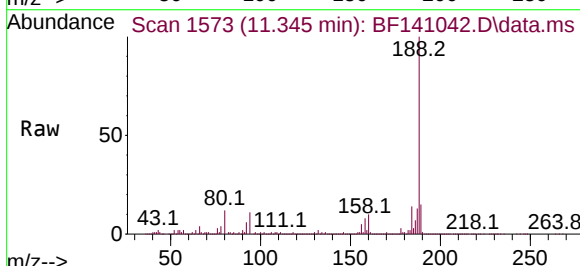
Tgt Ion: 188 Resp: 657851

Ion Ratio Lower Upper

188 100

94 10.7 9.0 13.6

80 11.7 9.8 14.6

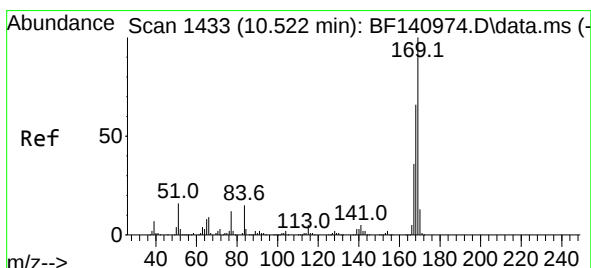
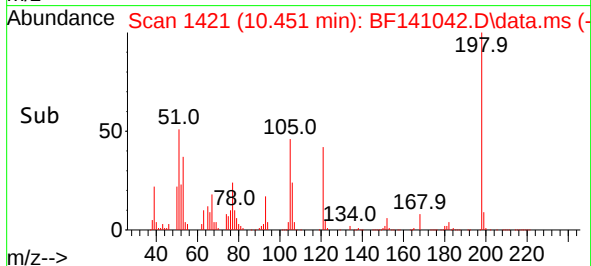
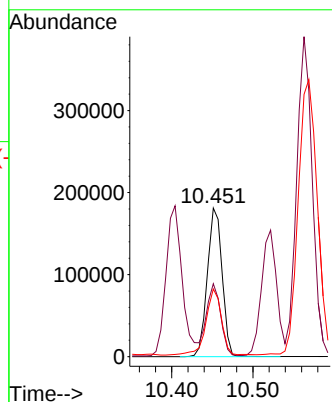
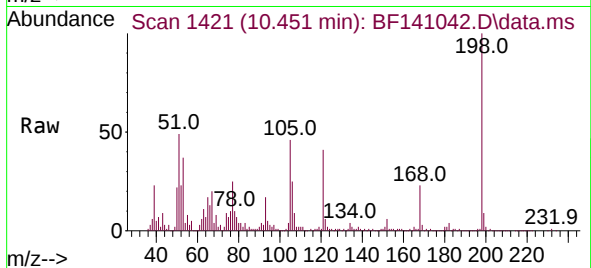




#65
4,6-Dinitro-2-methylphenol
Concen: 79.390 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF141042.D
Acq: 30 Dec 2024 20:18

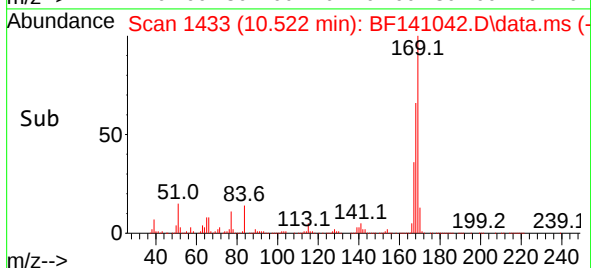
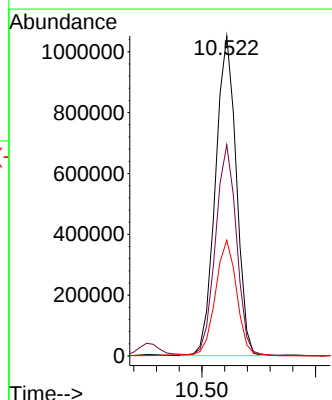
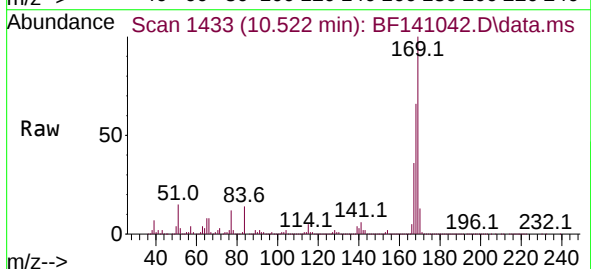
Instrument :
BNA_F
ClientSampleId :
NB-07-12272024MS

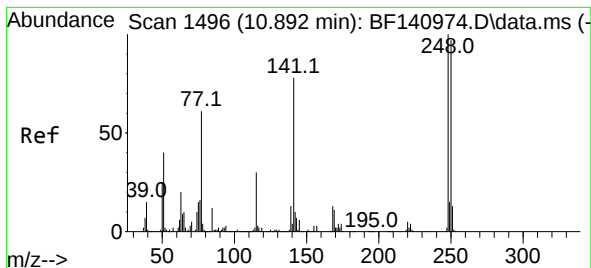
Tgt Ion:198 Resp: 228132
Ion Ratio Lower Upper
198 100
51 49.1 32.3 72.3
105 45.6 28.4 68.4



#66
n-Nitrosodiphenylamine
Concen: 64.669 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF141042.D
Acq: 30 Dec 2024 20:18

Tgt Ion:169 Resp: 1339661
Ion Ratio Lower Upper
169 100
168 66.0 52.6 79.0
167 36.2 29.0 43.4

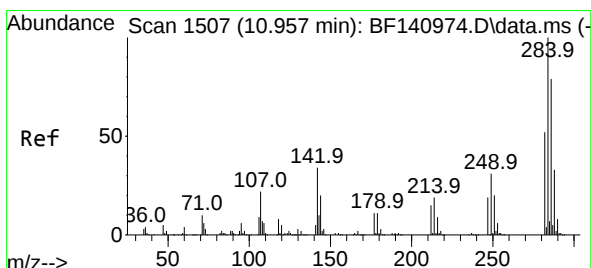
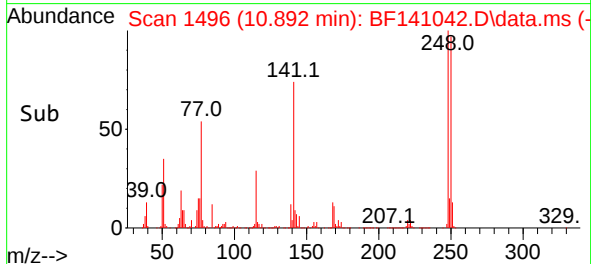
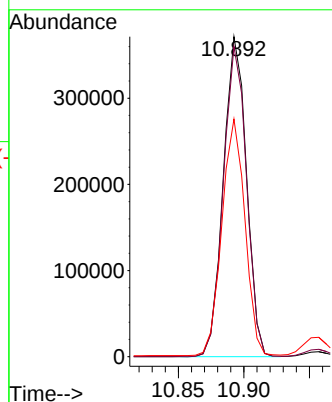
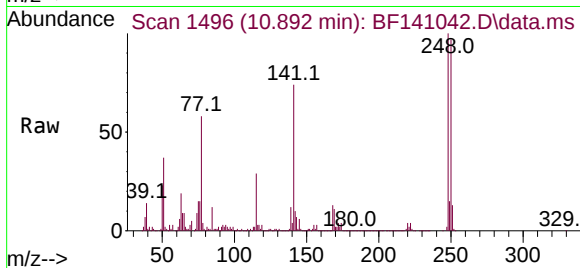




#67
4-Bromophenyl-phenylether
Concen: 64.106 ng
RT: 10.892 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF141042.D
Acq: 30 Dec 2024 20:18

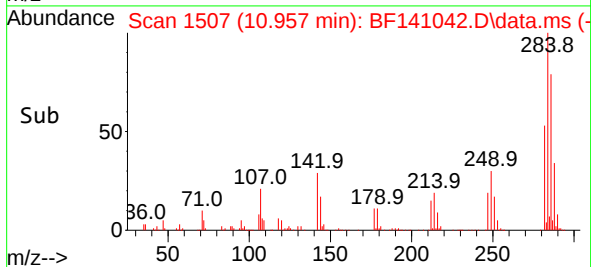
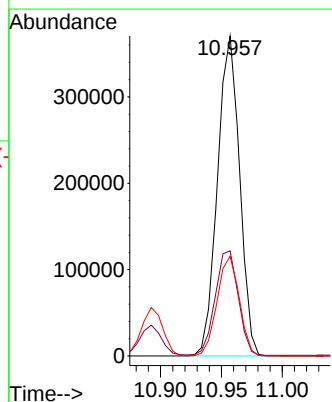
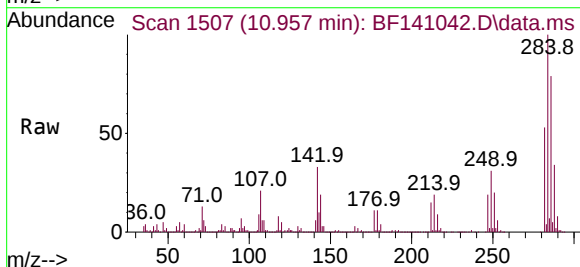
Instrument :
BNA_F
ClientSampleId :
NB-07-12272024MS

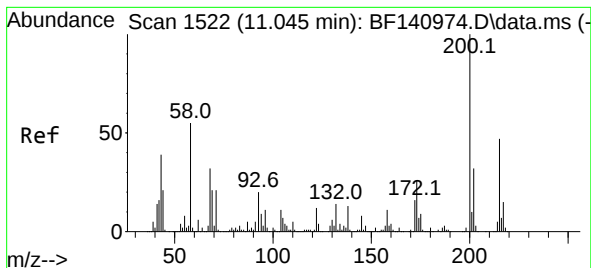
Tgt Ion:248 Resp: 455890
Ion Ratio Lower Upper
248 100
250 96.9 77.7 116.5
141 74.2 62.1 93.1



#68
Hexachlorobenzene
Concen: 59.744 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF141042.D
Acq: 30 Dec 2024 20:18

Tgt Ion:284 Resp: 468482
Ion Ratio Lower Upper
284 100
142 32.8 27.1 40.7
249 31.1 25.1 37.7





#69

Atrazine

Concen: 73.680 ng

RT: 11.051 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF141042.D

Acq: 30 Dec 2024 20:18

Instrument :

BNA_F

ClientSampleId :

NB-07-12272024MS

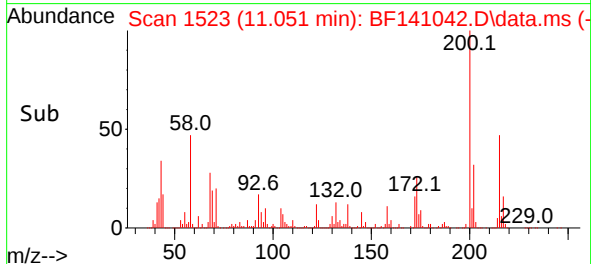
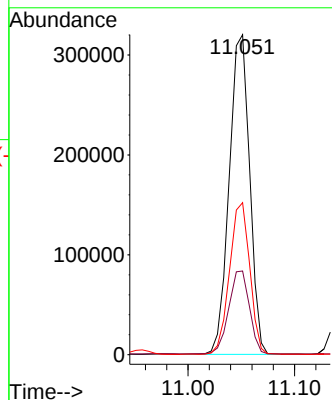
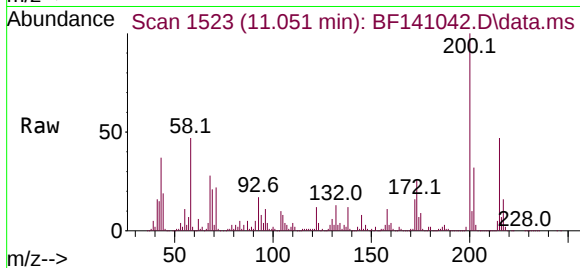
Tgt Ion:200 Resp: 426408

Ion Ratio Lower Upper

200 100

173 26.2 6.4 46.4

215 47.5 27.2 67.2



#70

Pentachlorophenol

Concen: 113.337 ng

RT: 11.145 min Scan# 1539

Delta R.T. 0.000 min

Lab File: BF141042.D

Acq: 30 Dec 2024 20:18

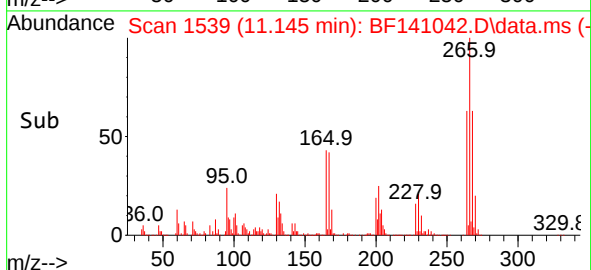
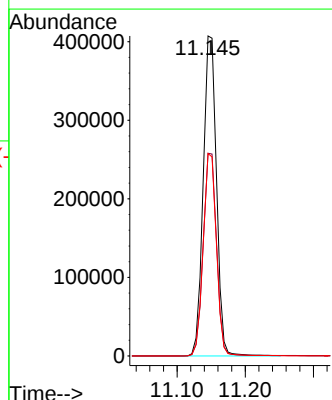
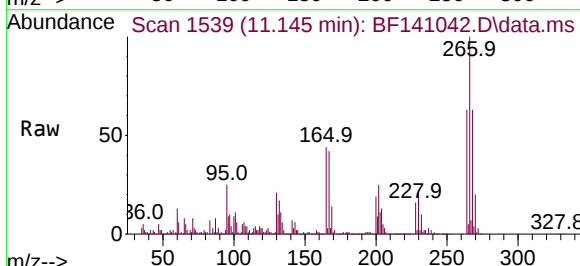
Tgt Ion:266 Resp: 553332

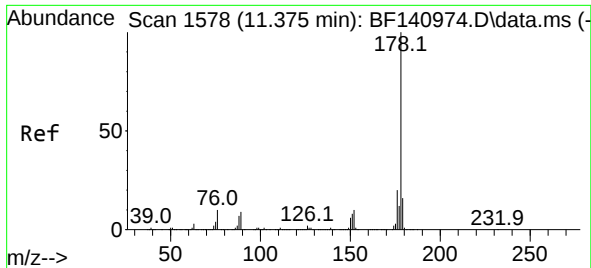
Ion Ratio Lower Upper

266 100

268 63.4 50.5 75.7

264 63.2 50.2 75.4

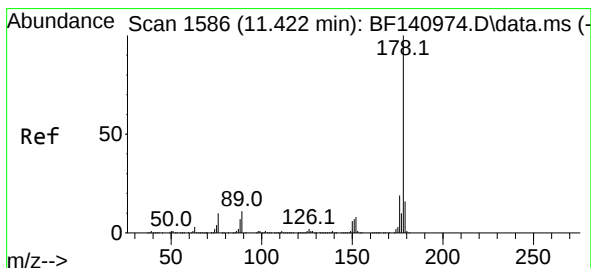
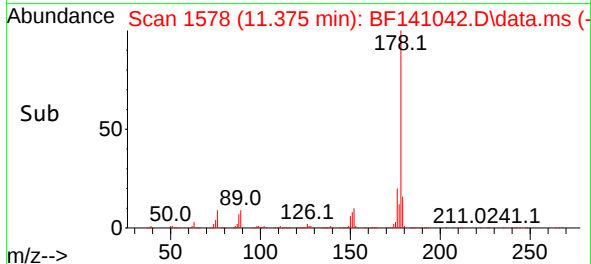
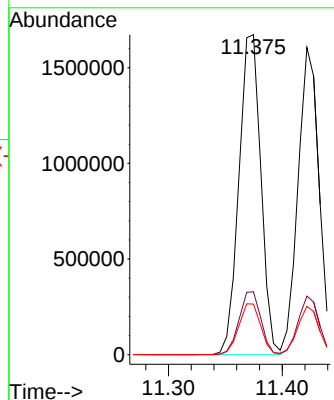
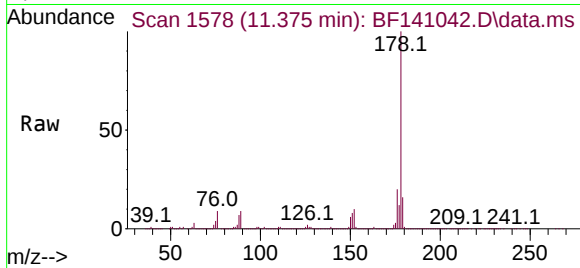




#71
Phenanthrene
Concen: 64.679 ng
RT: 11.375 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF141042.D
Acq: 30 Dec 2024 20:18

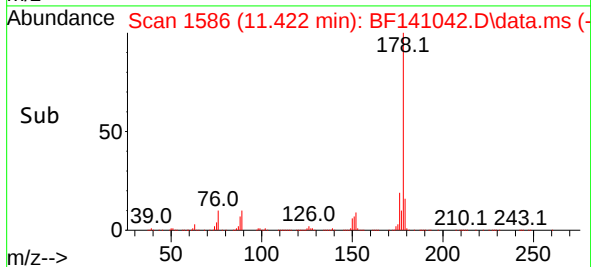
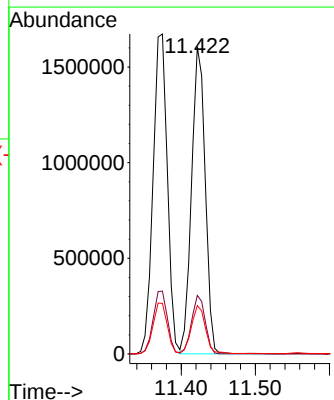
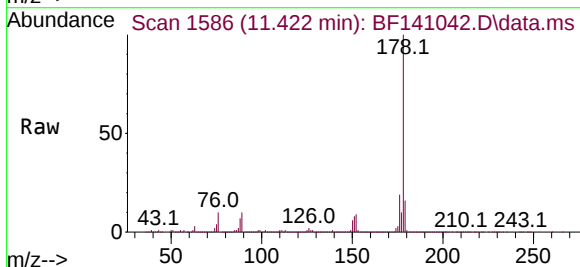
Instrument :
BNA_F
ClientSampleId :
NB-07-12272024MS

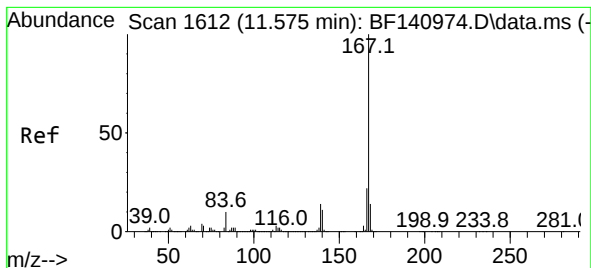
Tgt Ion:178 Resp: 2239387
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 15.8 12.6 19.0



#72
Anthracene
Concen: 60.575 ng
RT: 11.422 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF141042.D
Acq: 30 Dec 2024 20:18

Tgt Ion:178 Resp: 2055094
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.7 12.9 19.3





#73

Carbazole

Concen: 52.297 ng

RT: 11.575 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF141042.D

Acq: 30 Dec 2024 20:18

Instrument :

BNA_F

ClientSampleId :

NB-07-12272024MS

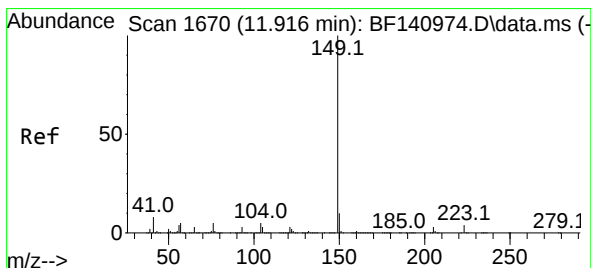
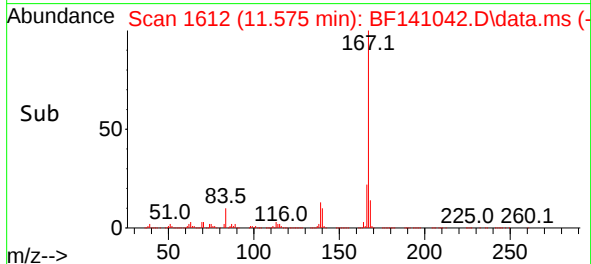
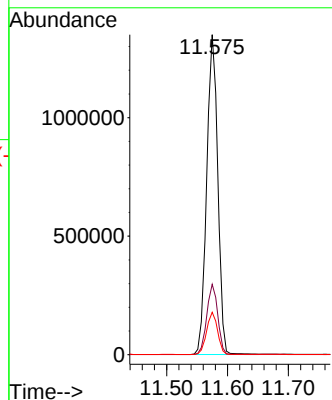
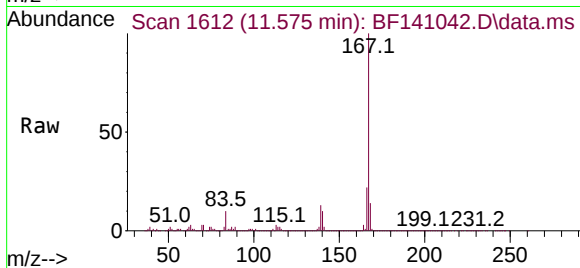
Tgt Ion:167 Resp: 1705635

Ion Ratio Lower Upper

167 100

166 22.0 17.5 26.3

139 13.2 11.0 16.4



#74

Di-n-butylphthalate

Concen: 57.623 ng

RT: 11.910 min Scan# 1669

Delta R.T. -0.006 min

Lab File: BF141042.D

Acq: 30 Dec 2024 20:18

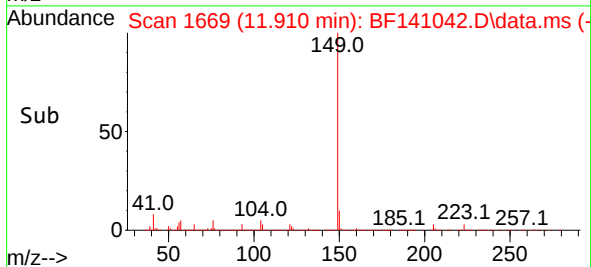
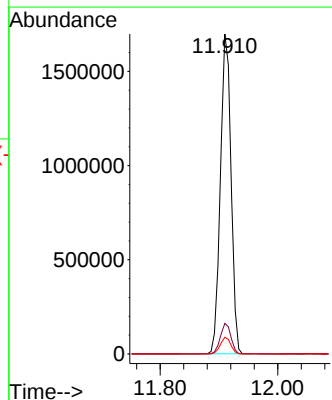
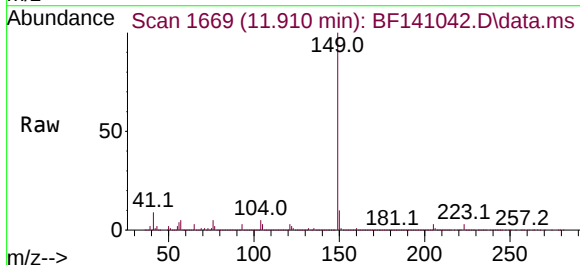
Tgt Ion:149 Resp: 2137553

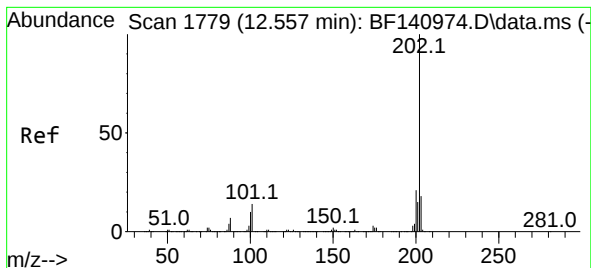
Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

104 5.2 4.1 6.1





#75

Fluoranthene

Concen: 55.731 ng

RT: 12.557 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF141042.D

Acq: 30 Dec 2024 20:18

Instrument :

BNA_F

ClientSampleId :

NB-07-12272024MS

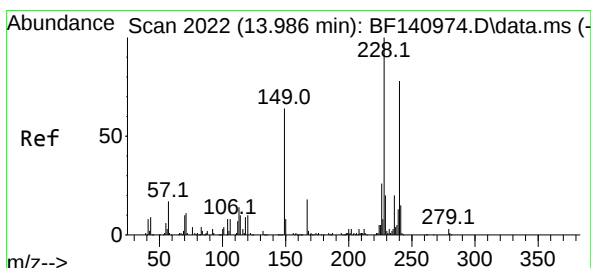
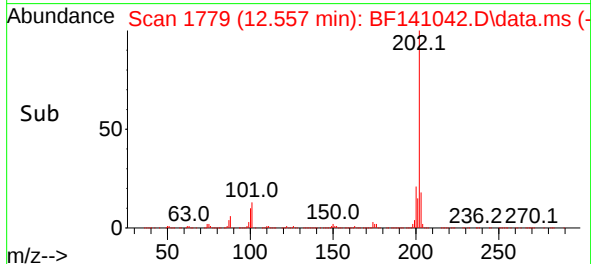
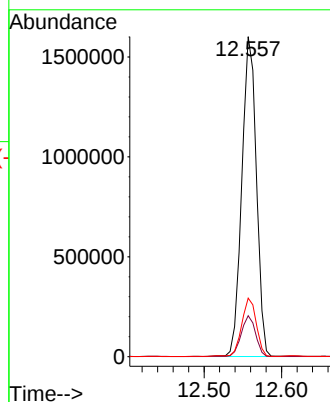
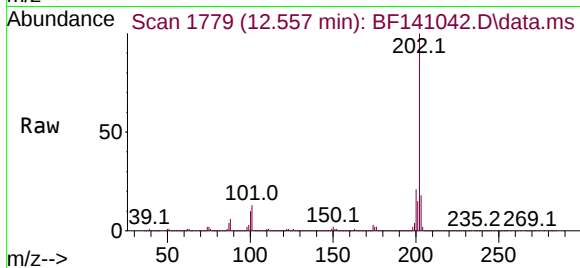
Tgt Ion:202 Resp: 2092768

Ion Ratio Lower Upper

202 100

101 12.8 0.0 33.7

203 18.3 0.0 38.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF141042.D

Acq: 30 Dec 2024 20:18

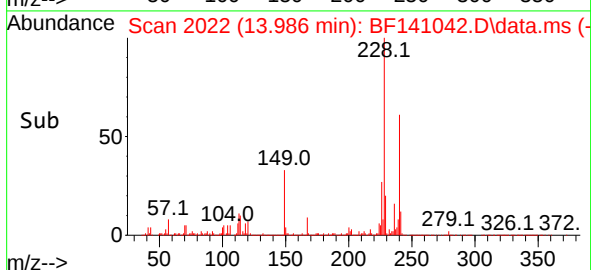
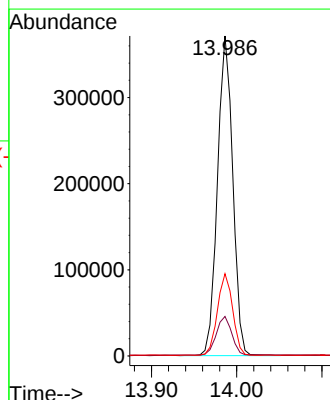
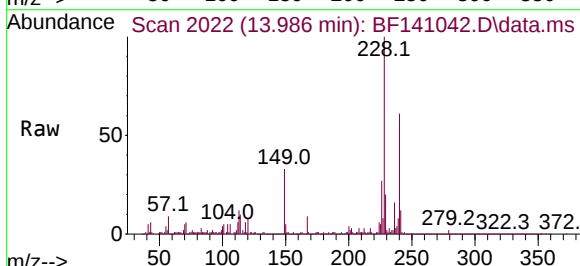
Tgt Ion:240 Resp: 463453

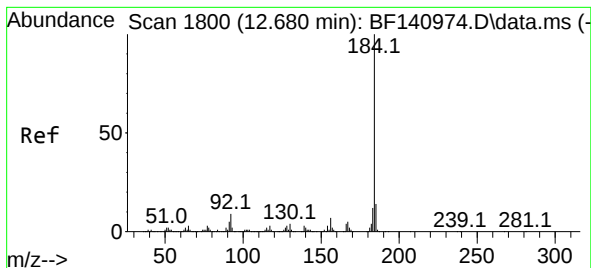
Ion Ratio Lower Upper

240 100

120 12.3 10.7 16.1

236 25.7 20.6 31.0





#77

Benzidine

Concen: 53.533 ng

RT: 12.680 min Scan# 1800

Delta R.T. 0.000 min

Lab File: BF141042.D

Acq: 30 Dec 2024 20:18

Instrument :

BNA_F

ClientSampleId :

NB-07-12272024MS

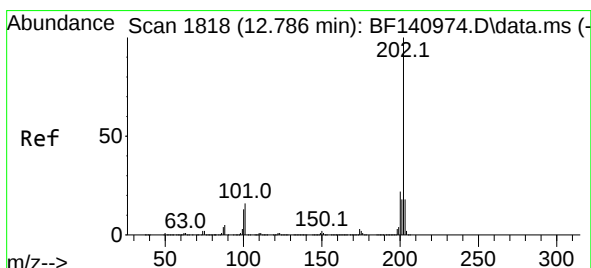
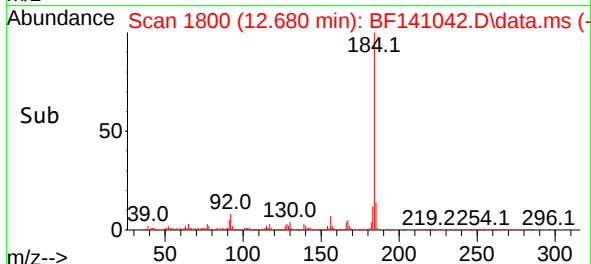
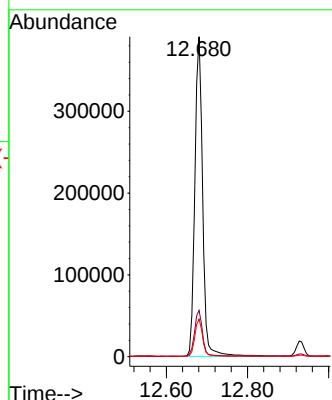
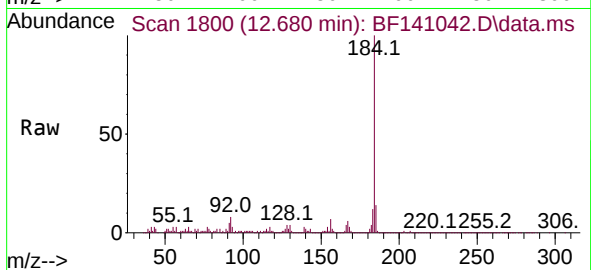
Tgt Ion:184 Resp: 524332

Ion Ratio Lower Upper

184 100

185 14.5 11.4 17.2

183 11.7 9.4 14.0



#78

Pyrene

Concen: 51.484 ng

RT: 12.786 min Scan# 1818

Delta R.T. 0.000 min

Lab File: BF141042.D

Acq: 30 Dec 2024 20:18

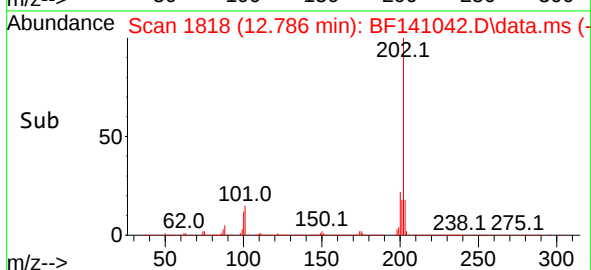
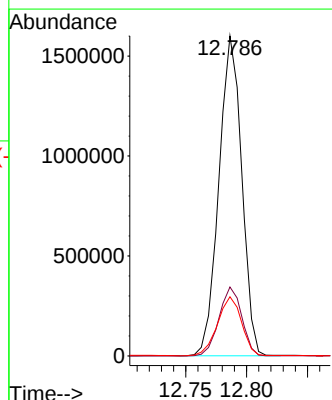
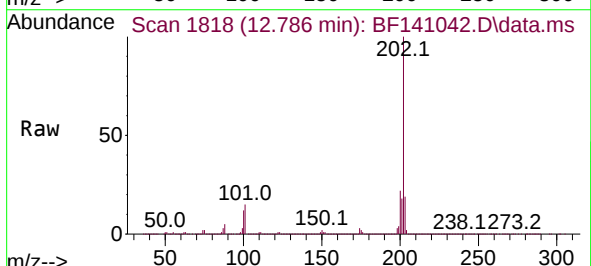
Tgt Ion:202 Resp: 2086790

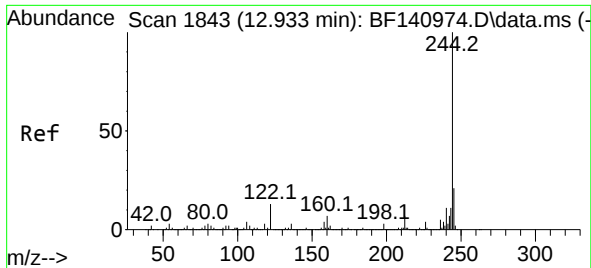
Ion Ratio Lower Upper

202 100

200 21.6 17.3 25.9

203 18.5 14.6 21.8

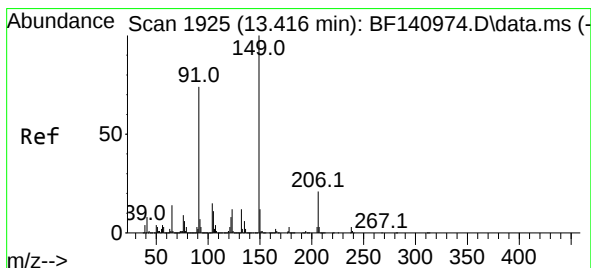
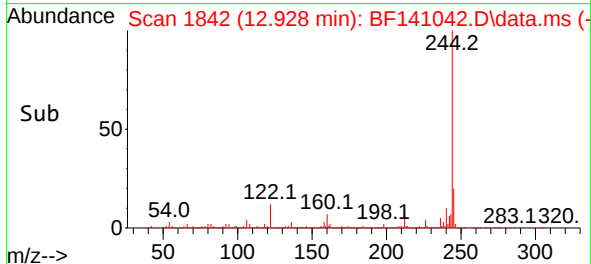
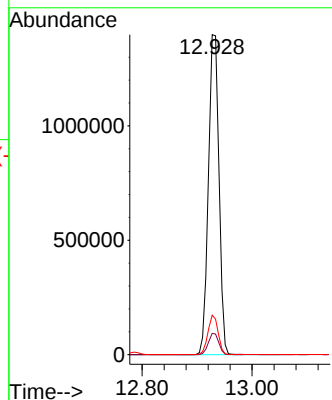
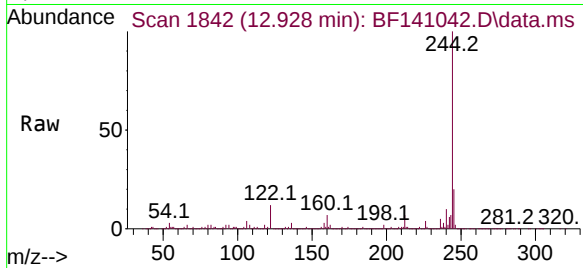




#79
 Terphenyl-d14
 Concen: 66.790 ng
 RT: 12.928 min Scan# 1842
 Delta R.T. -0.006 min
 Lab File: BF141042.D
 Acq: 30 Dec 2024 20:18

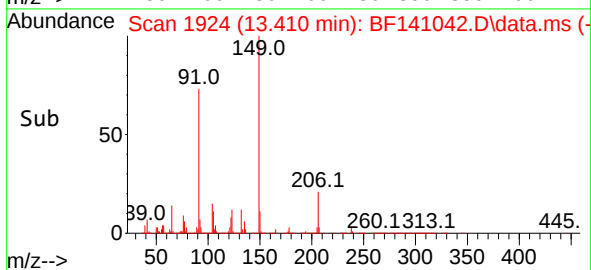
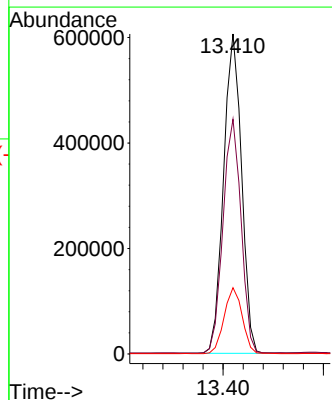
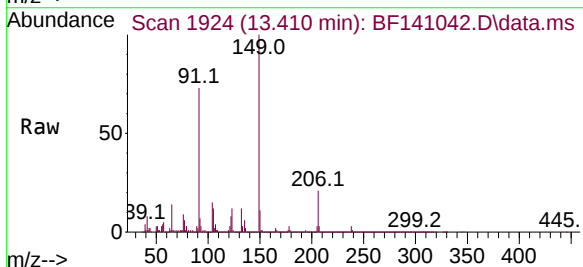
Instrument :
 BNA_F
 ClientSampleId :
 NB-07-12272024MS

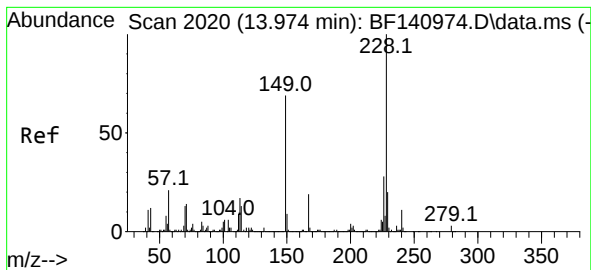
Tgt Ion:244 Resp: 1863572
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.7 8.5
 122 12.4 10.2 15.2



#80
 Butylbenzylphthalate
 Concen: 50.863 ng
 RT: 13.410 min Scan# 1924
 Delta R.T. -0.006 min
 Lab File: BF141042.D
 Acq: 30 Dec 2024 20:18

Tgt Ion:149 Resp: 752804
 Ion Ratio Lower Upper
 149 100
 91 73.3 59.5 89.3
 206 20.7 17.1 25.7





#81

Benzo(a)anthracene

Concen: 53.941 ng

RT: 13.975 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF141042.D

Acq: 30 Dec 2024 20:18

Instrument :

BNA_F

ClientSampleId :

NB-07-12272024MS

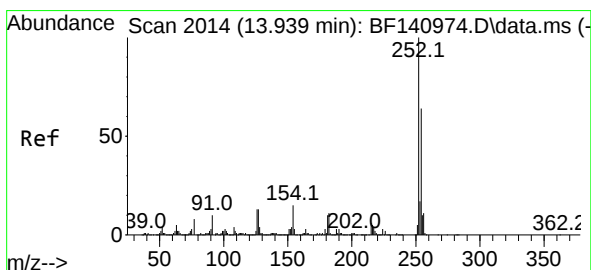
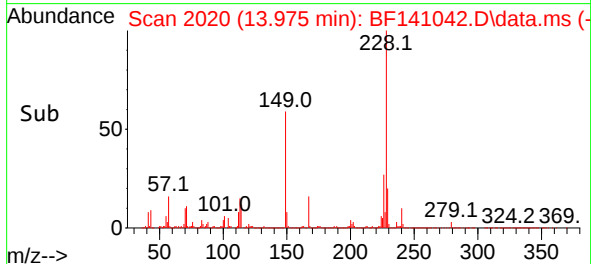
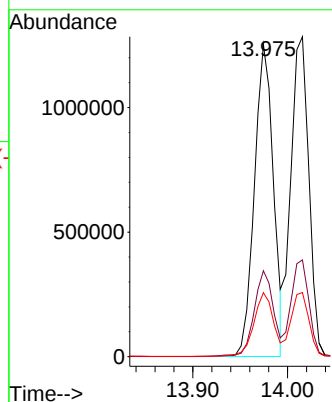
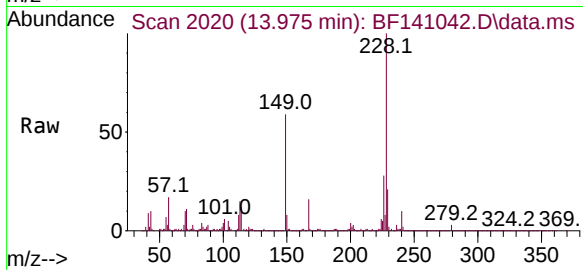
Tgt Ion:228 Resp: 1742278

Ion Ratio Lower Upper

228 100

226 27.5 22.1 33.1

229 20.5 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 45.611 ng

RT: 13.939 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF141042.D

Acq: 30 Dec 2024 20:18

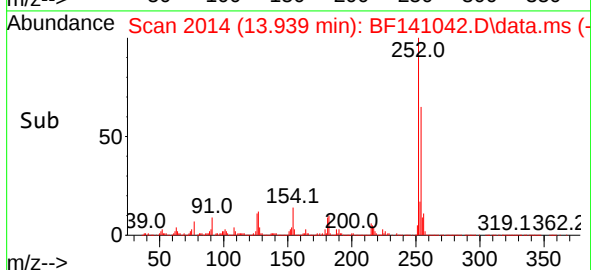
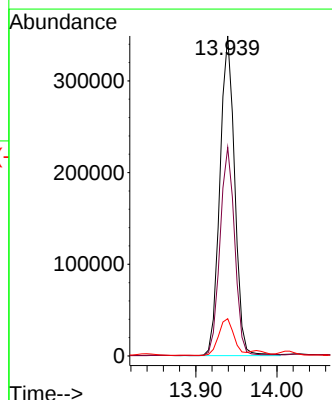
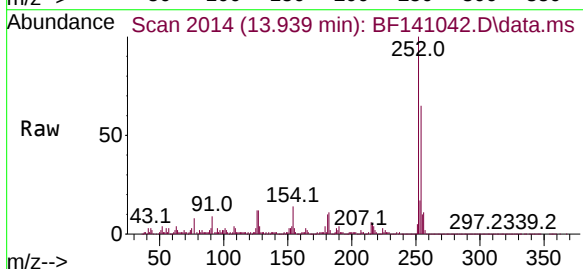
Tgt Ion:252 Resp: 442632

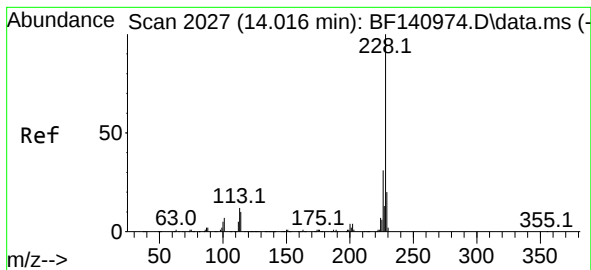
Ion Ratio Lower Upper

252 100

254 65.2 51.5 77.3

126 11.6 10.3 15.5





#83

Chrysene

Concen: 57.766 ng

RT: 14.016 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF141042.D

Acq: 30 Dec 2024 20:18

Instrument :

BNA_F

ClientSampleId :

NB-07-12272024MS

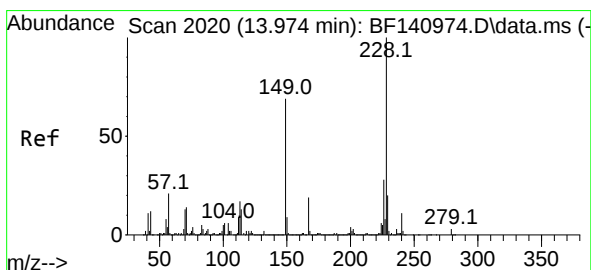
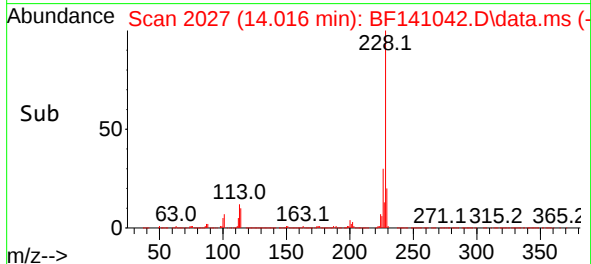
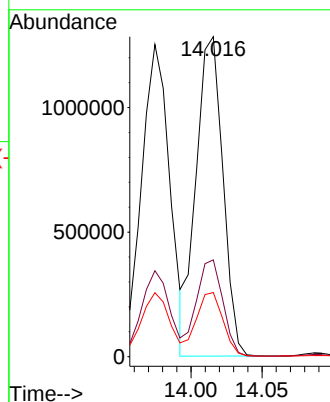
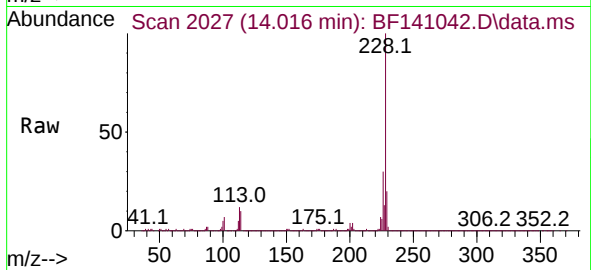
Tgt Ion:228 Resp: 1681979

Ion Ratio Lower Upper

228 100

226 30.2 24.5 36.7

229 20.0 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.397 ng

RT: 13.975 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF141042.D

Acq: 30 Dec 2024 20:18

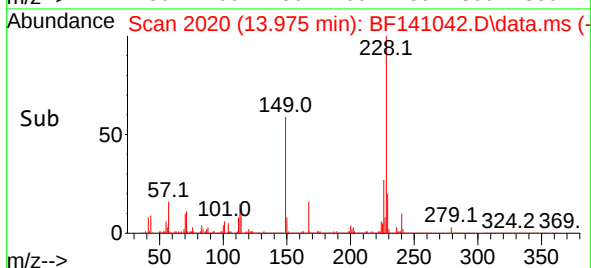
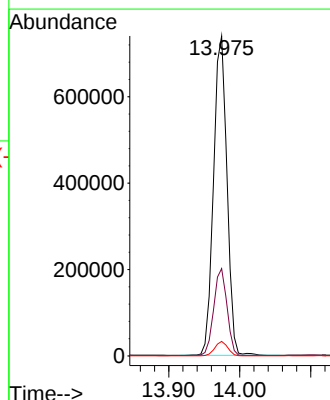
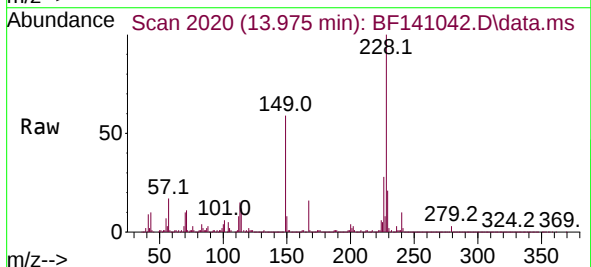
Tgt Ion:149 Resp: 967552

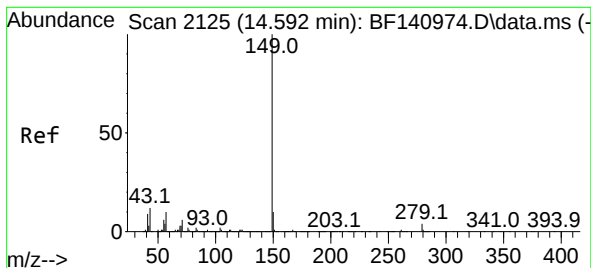
Ion Ratio Lower Upper

149 100

167 27.3 21.6 32.4

279 4.5 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 66.110 ng

RT: 14.592 min Scan# 2125

Delta R.T. 0.000 min

Lab File: BF141042.D

Acq: 30 Dec 2024 20:18

Instrument :

BNA_F

ClientSampleId :

NB-07-12272024MS

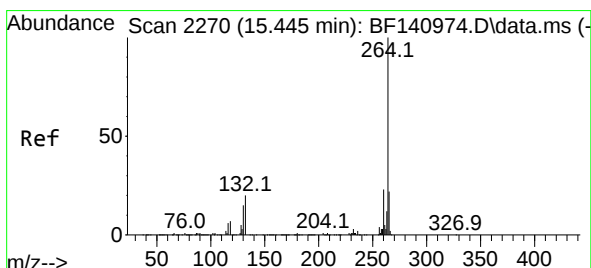
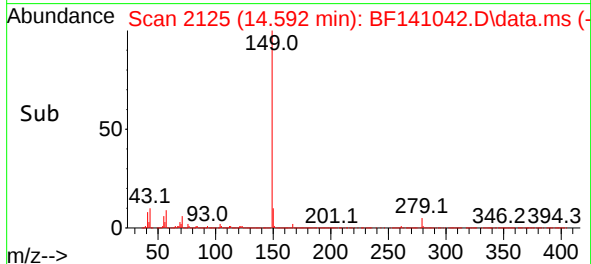
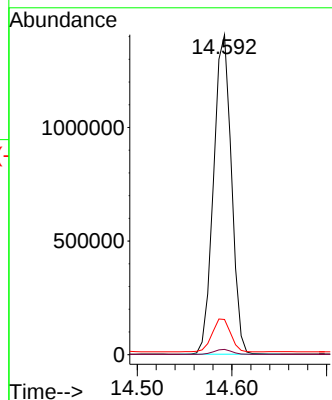
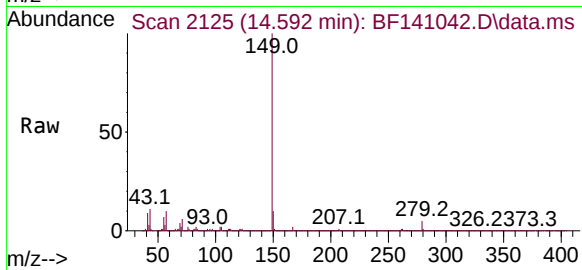
Tgt Ion:149 Resp: 1837000

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 10.7 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: BF141042.D

Acq: 30 Dec 2024 20:18

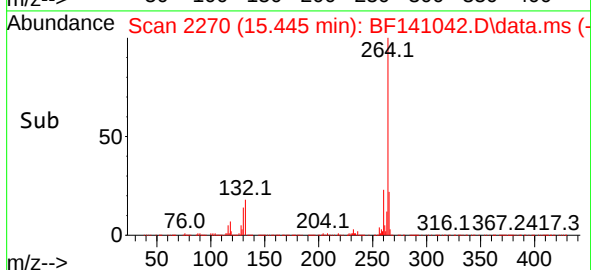
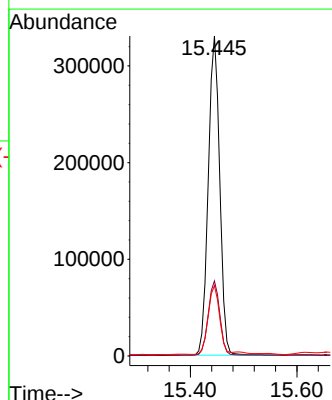
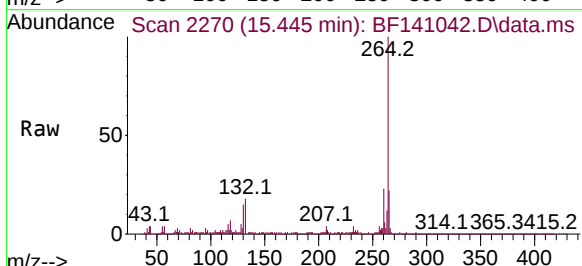
Tgt Ion:264 Resp: 491518

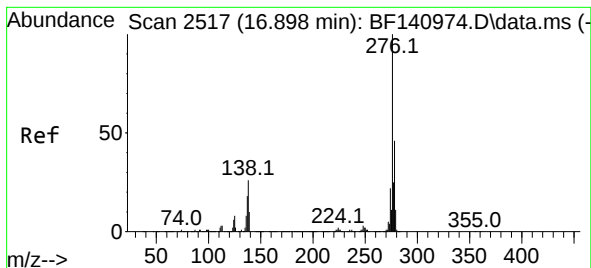
Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 22.0 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.337 ng

RT: 16.898 min Scan# 2517

Delta R.T. 0.000 min

Lab File: BF141042.D

Acq: 30 Dec 2024 20:18

Instrument :

BNA_F

ClientSampleId :

NB-07-12272024MS

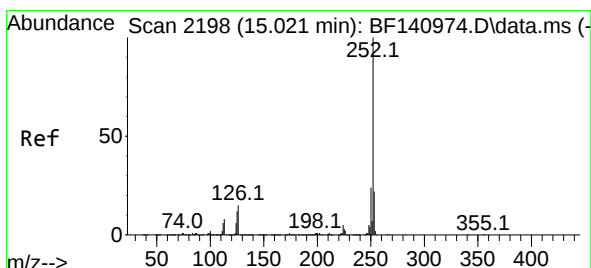
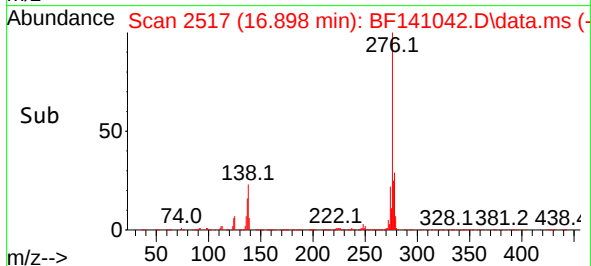
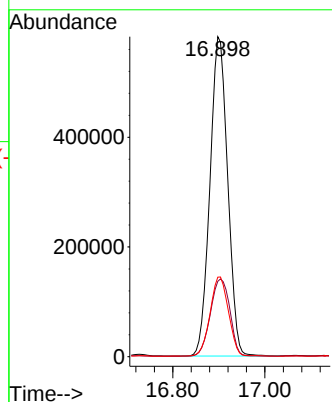
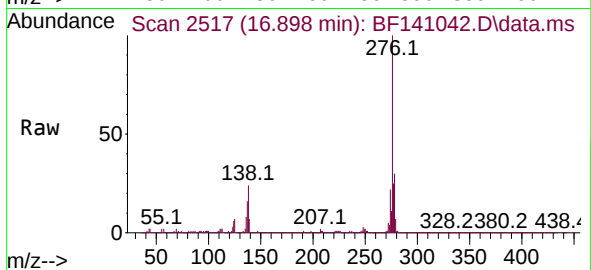
Tgt Ion:276 Resp: 1558778

Ion Ratio Lower Upper

276 100

138 26.5 23.1 34.7

277 25.6 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 56.260 ng

RT: 15.022 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF141042.D

Acq: 30 Dec 2024 20:18

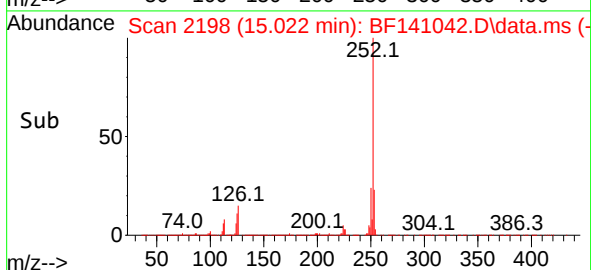
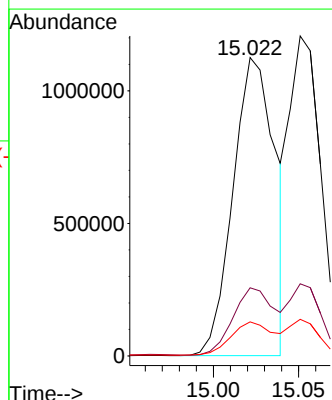
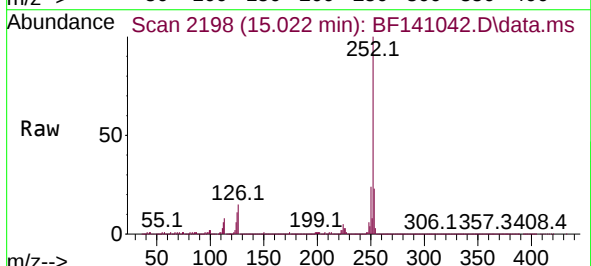
Tgt Ion:252 Resp: 1928628

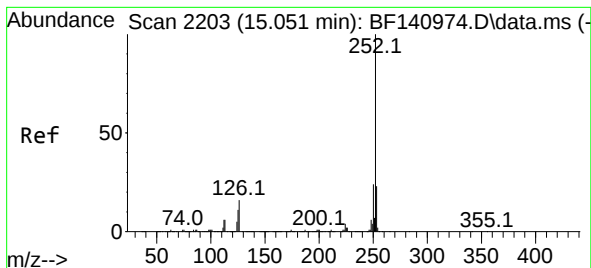
Ion Ratio Lower Upper

252 100

253 22.8 17.7 26.5

125 11.4 9.3 13.9





#89

Benzo(k)fluoranthene

Concen: 57.066 ng

RT: 15.051 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF141042.D

Acq: 30 Dec 2024 20:18

Instrument :

BNA_F

ClientSampleId :

NB-07-12272024MS

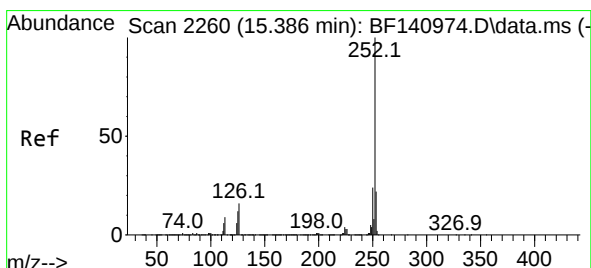
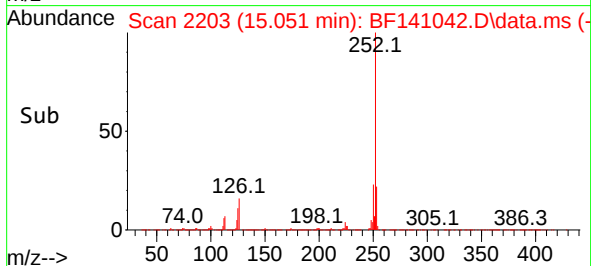
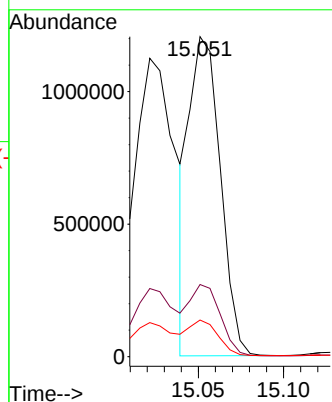
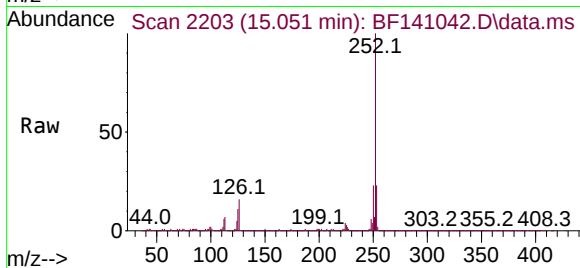
Tgt Ion:252 Resp: 1533242

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

125 11.4 9.4 14.0



#90

Benzo(a)pyrene

Concen: 60.987 ng

RT: 15.386 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF141042.D

Acq: 30 Dec 2024 20:18

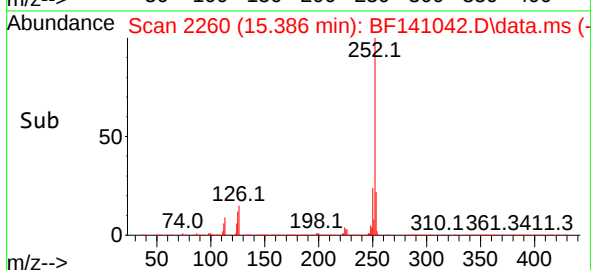
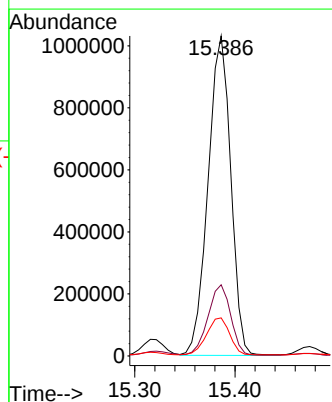
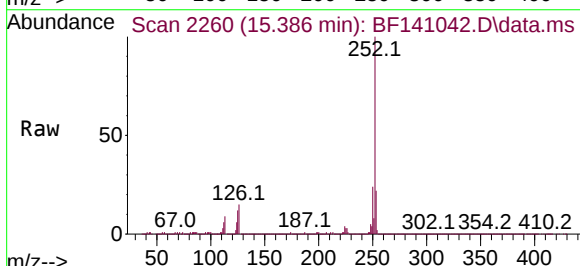
Tgt Ion:252 Resp: 1622717

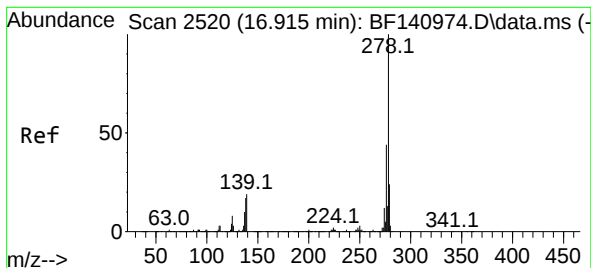
Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

125 11.9 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 50.253 ng

RT: 16.921 min Scan# 2521

Delta R.T. 0.006 min

Lab File: BF141042.D

Acq: 30 Dec 2024 20:18

Instrument :

BNA_F

ClientSampleId :

NB-07-12272024MS

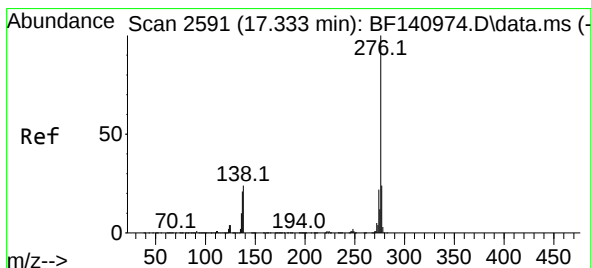
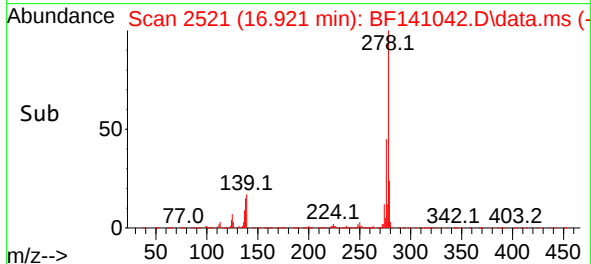
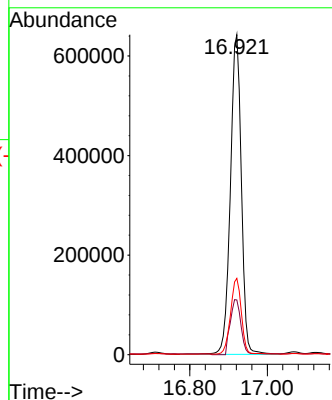
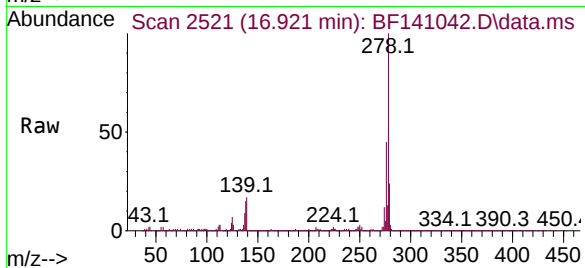
Tgt Ion:278 Resp: 1261449

Ion Ratio Lower Upper

278 100

139 17.1 14.9 22.3

279 23.9 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 43.027 ng

RT: 17.339 min Scan# 2592

Delta R.T. 0.006 min

Lab File: BF141042.D

Acq: 30 Dec 2024 20:18

Tgt Ion:276 Resp: 1120224

Ion Ratio Lower Upper

276 100

277 24.1 19.0 28.4

138 22.8 19.4 29.2

