

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
 Data File : BF141021.D
 Acq On : 30 Dec 2024 10:17
 Operator : RC/JU
 Sample : PB165894BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165894BS

Quant Time: Dec 30 10:59:59 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	6.834	152	265480	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	1062209	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	563633	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	910683	20.000	ng	0.00
76) Chrysene-d12	13.992	240	524973	20.000	ng	0.00
86) Perylene-d12	15.457	264	559032	20.000	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	2355204	133.727	ng	0.02
7) Phenol-d6	6.457	99	3010633	132.697	ng	0.00
23) Nitrobenzene-d5	7.392	82	1806013	108.778	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	863281	157.623	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	3354071	94.811	ng	0.00
79) Terphenyl-d14	12.939	244	3356168	106.188	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.657	88	327211	41.037 ng	99
3) Pyridine	3.404	79	885715	45.454 ng	100
4) n-Nitrosodimethylamine	3.352	42	471291	47.735 ng	100
6) Aniline	6.492	93	1044494	51.619 ng	99
8) 2-Chlorophenol	6.616	128	958604	51.625 ng	97
9) Benzaldehyde	6.381	77	175984	9.571 ng	97
10) Phenol	6.475	94	1195100	50.942 ng	93
11) bis(2-Chloroethyl)ether	6.569	93	908900	47.982 ng	98
12) 1,3-Dichlorobenzene	6.769	146	972113	47.438 ng	99
13) 1,4-Dichlorobenzene	6.851	146	986338	47.746 ng	99
14) 1,2-Dichlorobenzene	6.998	146	945408	49.084 ng	99
15) Benzyl Alcohol	6.969	79	831212	50.983 ng	100
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1438685	50.222 ng	99
17) 2-Methylphenol	7.081	107	772182	50.056 ng	99
18) Hexachloroethane	7.345	117	360723	49.155 ng	100
19) n-Nitroso-di-n-propyla...	7.245	70	679575	48.892 ng	99
20) 3+4-Methylphenols	7.234	107	954601	48.900 ng	# 89
22) Acetophenone	7.240	105	1250805	48.002 ng	96
24) Nitrobenzene	7.410	77	959427	51.716 ng	99
25) Isophorone	7.651	82	1827974	50.597 ng	99
26) 2-Nitrophenol	7.728	139	413463	53.678 ng	100
27) 2,4-Dimethylphenol	7.763	122	773942	58.615 ng	99
28) bis(2-Chloroethoxy)met...	7.863	93	1123896	49.099 ng	100
29) 2,4-Dichlorophenol	7.969	162	759912	50.745 ng	100
30) 1,2,4-Trichlorobenzene	8.051	180	802320	47.336 ng	99
31) Naphthalene	8.134	128	2679451	47.871 ng	100
32) Benzoic acid	7.881	122	530675	48.704 ng	97
33) 4-Chloroaniline	8.181	127	532305	26.288 ng	98
34) Hexachlorobutadiene	8.251	225	481762	48.214 ng	99
35) Caprolactam	8.545	113	143480	28.184 ng	99
36) 4-Chloro-3-methylphenol	8.657	107	821594	49.402 ng	98
37) 2-Methylnaphthalene	8.822	142	1764256	49.271 ng	99
38) 1-Methylnaphthalene	8.922	142	1649595	46.876 ng	100
40) 1,2,4,5-Tetrachloroben...	8.992	216	771312	49.742 ng	99
41) Hexachlorocyclopentadiene	8.981	237	946981	184.288 ng	99
43) 2,4,6-Trichlorophenol	9.098	196	545815	52.888 ng	100

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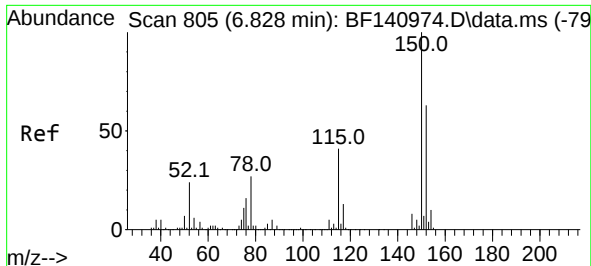
Quant Time: Dec 30 10:59:59 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	563885	53.400	ng	98
46) 1,1'-Biphenyl	9.286	154	2142081	49.635	ng	100
47) 2-Chloronaphthalene	9.310	162	1614810	48.245	ng	100
48) 2-Nitroaniline	9.404	65	482653	54.432	ng	96
49) Acenaphthylene	9.728	152	2490576	51.689	ng	100
50) Dimethylphthalate	9.592	163	1889611	50.969	ng	100
51) 2,6-Dinitrotoluene	9.651	165	392834	51.656	ng	97
52) Acenaphthene	9.898	154	1758675	53.990	ng	100
53) 3-Nitroaniline	9.816	138	270023	33.872	ng	# 95
54) 2,4-Dinitrophenol	9.928	184	332519	99.313	ng	# 1
55) Dibenzofuran	10.075	168	2251400	49.180	ng	99
56) 4-Nitrophenol	9.975	139	709465	111.872	ng	95
57) 2,4-Dinitrotoluene	10.051	165	519335	55.370	ng	99
58) Fluorene	10.416	166	1728750	48.699	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	489241	55.943	ng	97
60) Diethylphthalate	10.292	149	1815649	49.607	ng	99
61) 4-Chlorophenyl-phenyle...	10.410	204	844190	49.422	ng	97
62) 4-Nitroaniline	10.428	138	409804	49.758	ng	96
63) Azobenzene	10.569	77	1896588	49.369	ng	99
65) 4,6-Dinitro-2-methylph...	10.463	198	227800	59.869	ng	94
66) n-Nitrosodiphenylamine	10.528	169	1568332	54.689	ng	100
67) 4-Bromophenyl-phenylether	10.898	248	550440	55.913	ng	97
68) Hexachlorobenzene	10.963	284	589836	54.336	ng	100
69) Atrazine	11.051	200	522116	65.171	ng	100
70) Pentachlorophenol	11.157	266	716690	106.042	ng	100
71) Phenanthrene	11.375	178	2529378	52.772	ng	99
72) Anthracene	11.427	178	2568255	54.684	ng	100
73) Carbazole	11.580	167	2246352	49.754	ng	100
74) Di-n-butylphthalate	11.916	149	2619214	51.005	ng	100
75) Fluoranthene	12.563	202	2425427	46.658	ng	100
77) Benzidine	12.680	184	672047	60.573	ng	99
78) Pyrene	12.792	202	2453948	53.448	ng	100
80) Butylbenzylphthalate	13.416	149	869442	51.860	ng	99
81) Benzo(a)anthracene	13.980	228	1748285	47.784	ng	99
82) 3,3'-Dichlorobenzidine	13.945	252	398466	36.249	ng	99
83) Chrysene	14.016	228	1664973	50.481	ng	100
84) Bis(2-ethylhexyl)phtha...	13.974	149	1043963	48.005	ng	100
85) Di-n-octyl phthalate	14.598	149	1711465	54.375	ng	98
87) Indeno(1,2,3-cd)pyrene	16.921	276	2187757	62.116	ng	98
88) Benzo(b)fluoranthene	15.033	252	1842176	47.248	ng	100
89) Benzo(k)fluoranthene	15.063	252	1466521	47.991	ng	100
90) Benzo(a)pyrene	15.398	252	1627162	53.768	ng	99
91) Dibenzo(a,h)anthracene	16.945	278	1742189	61.023	ng	99
92) Benzo(g,h,i)perylene	17.362	276	1691257	57.115	ng	99

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

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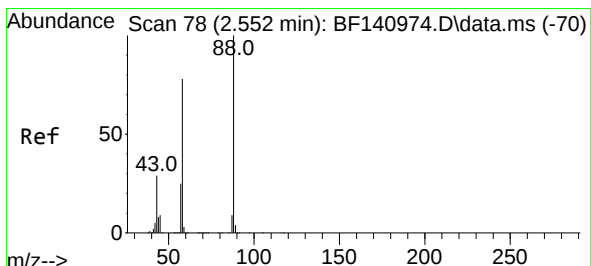
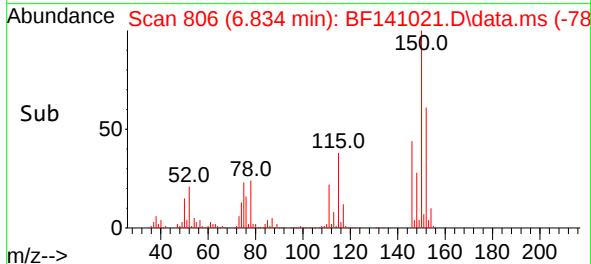
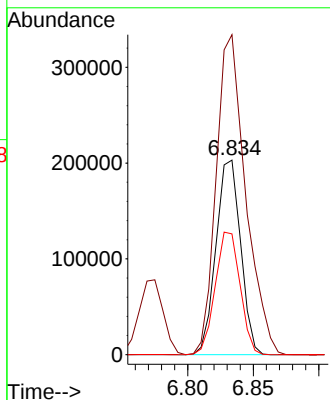
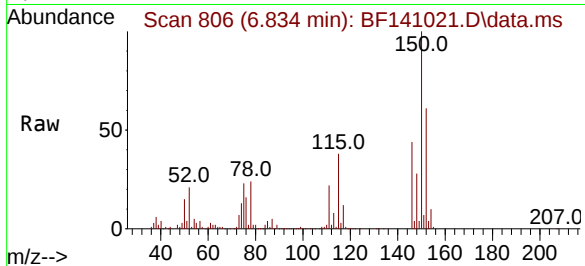




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: BF141021.D
 Acq: 30 Dec 2024 10:17

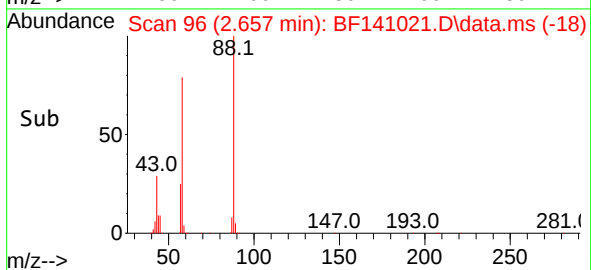
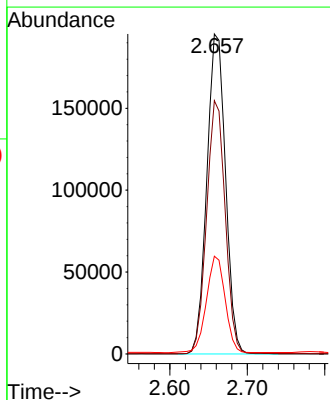
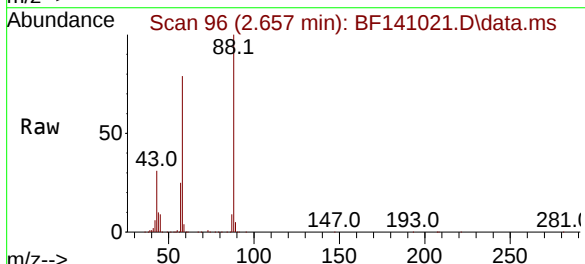
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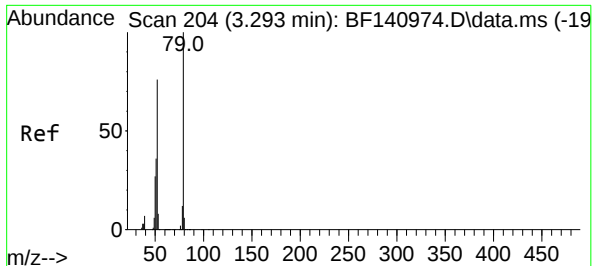
Tgt Ion:152 Resp: 265480
 Ion Ratio Lower Upper
 152 100
 150 164.4 127.0 190.6
 115 62.1 51.7 77.5



#2
 1,4-Dioxane
 Concen: 41.037 ng
 RT: 2.657 min Scan# 96
 Delta R.T. 0.106 min
 Lab File: BF141021.D
 Acq: 30 Dec 2024 10:17

Tgt Ion: 88 Resp: 327211
 Ion Ratio Lower Upper
 88 100
 58 78.4 63.0 94.4
 43 30.2 23.4 35.2

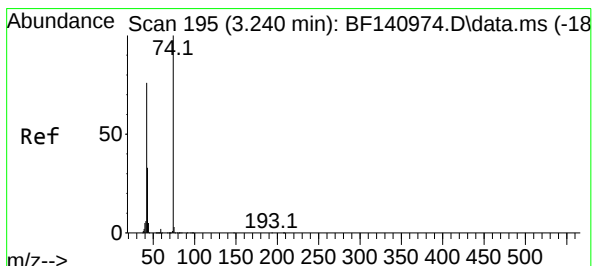
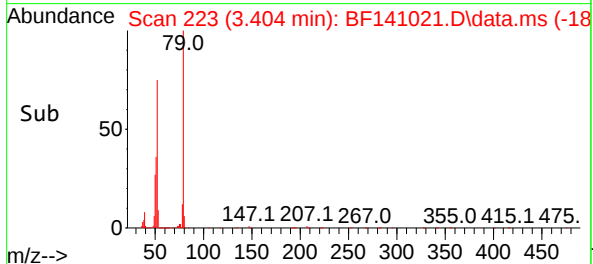
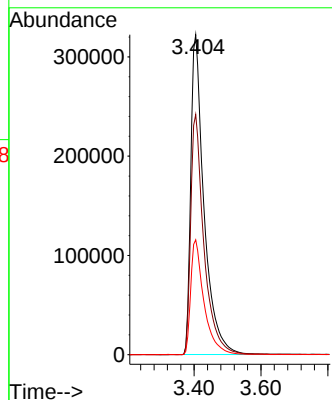
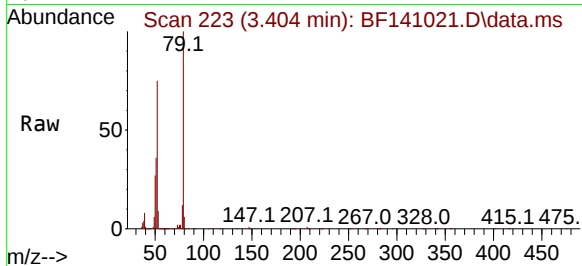




#3
Pyridine
Concen: 45.454 ng
RT: 3.404 min Scan# 214
Delta R.T. 0.112 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

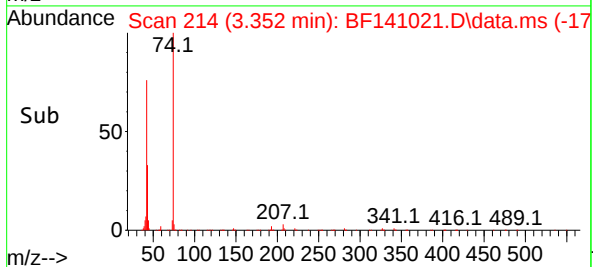
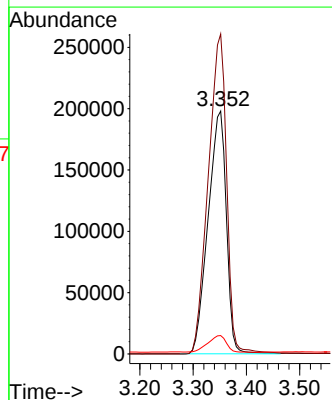
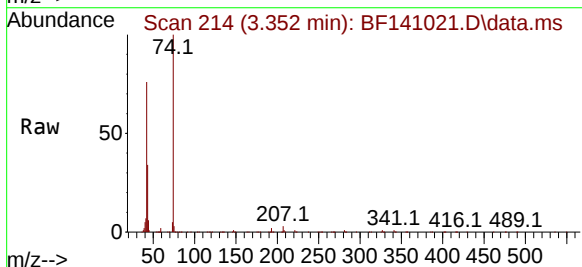
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BNA_F
ClientSampleId :
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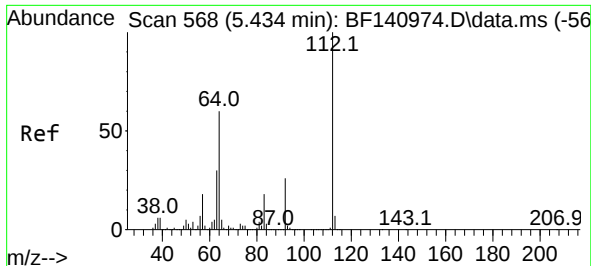
Tgt Ion: 79 Resp: 885715
Ion Ratio Lower Upper
79 100
52 75.0 60.4 90.6
51 35.9 28.8 43.2



#4
n-Nitrosodimethylamine
Concen: 47.735 ng
RT: 3.352 min Scan# 214
Delta R.T. 0.112 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

Tgt Ion: 42 Resp: 471291
Ion Ratio Lower Upper
42 100
74 131.7 105.8 158.6
44 7.6 6.6 10.0

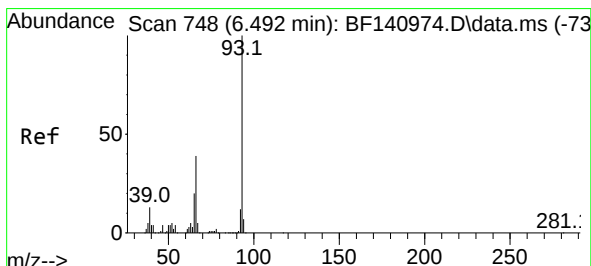
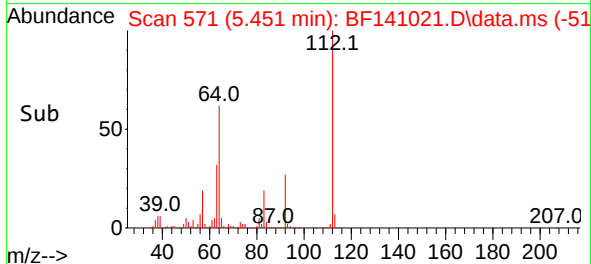
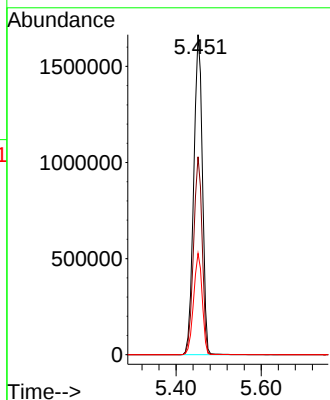
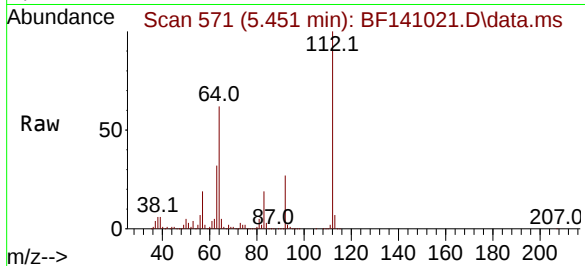




#5
2-Fluorophenol
Concen: 133.727 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

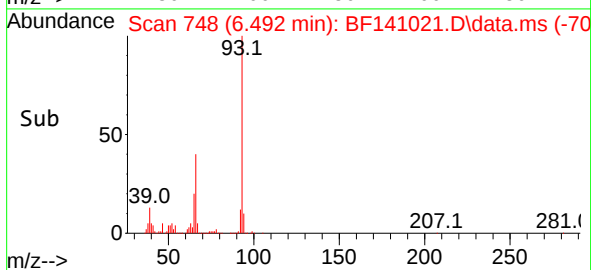
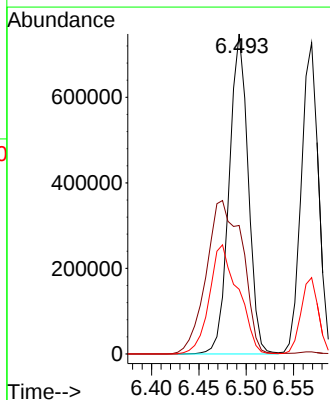
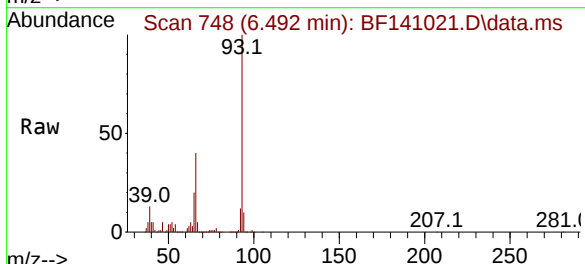
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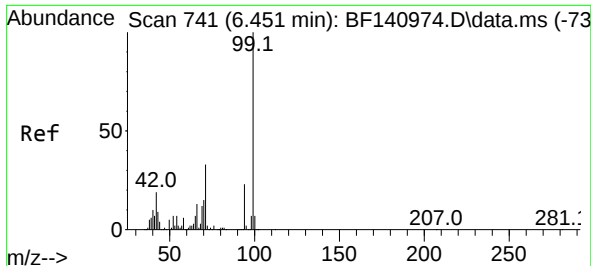
Tgt Ion:112 Resp: 2355204
Ion Ratio Lower Upper
112 100
64 61.9 47.7 71.5
63 31.6 24.2 36.2



#6
Aniline
Concen: 51.619 ng
RT: 6.492 min Scan# 748
Delta R.T. -0.018 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

Tgt Ion: 93 Resp: 1044494
Ion Ratio Lower Upper
93 100
66 40.1 31.8 47.8
65 20.2 15.4 23.0

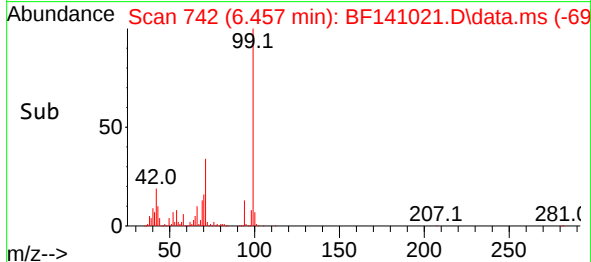
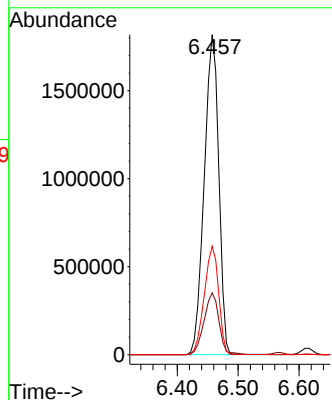
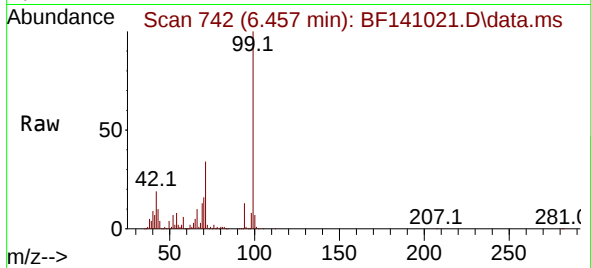




#7
Phenol-d6
Concen: 132.697 ng
RT: 6.457 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

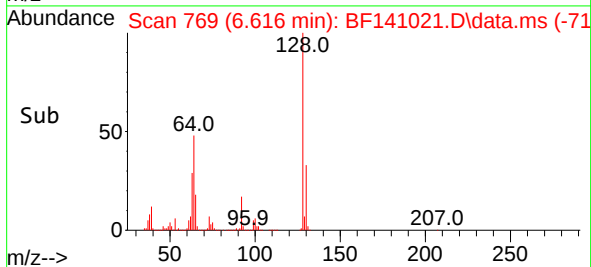
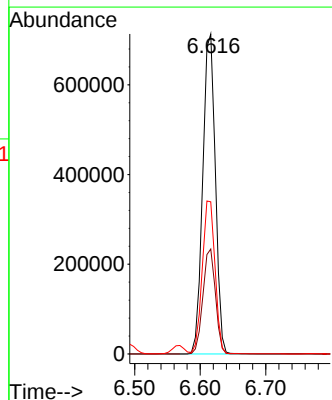
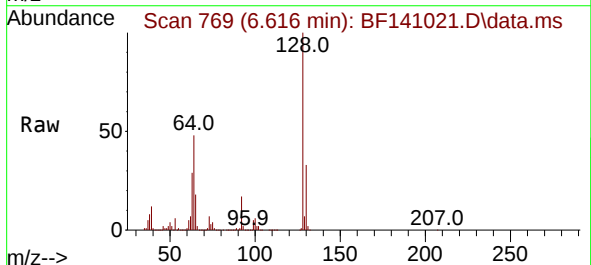
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Tgt Ion: 99 Resp: 3010633
Ion Ratio Lower Upper
99 100
42 19.3 15.0 22.4
71 33.9 26.2 39.2



#8
2-Chlorophenol
Concen: 51.625 ng
RT: 6.616 min Scan# 769
Delta R.T. 0.006 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

Tgt Ion:128 Resp: 958604
Ion Ratio Lower Upper
128 100
130 32.8 12.2 52.2
64 47.5 30.3 70.3

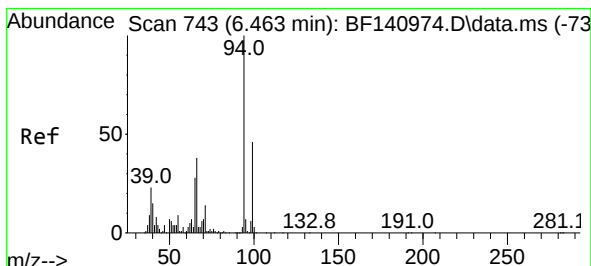
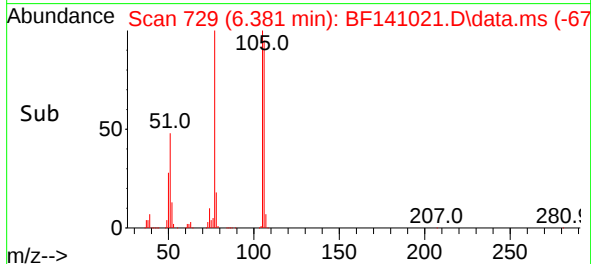
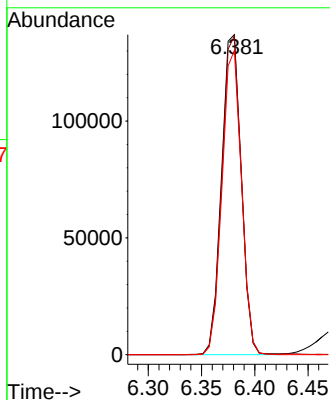
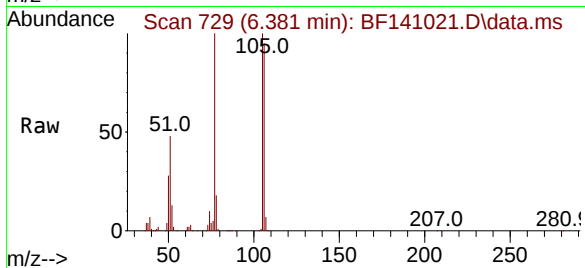




#9
Benzaldehyde
Concen: 9.571 ng
RT: 6.381 min Scan# 719
Delta R.T. 0.006 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

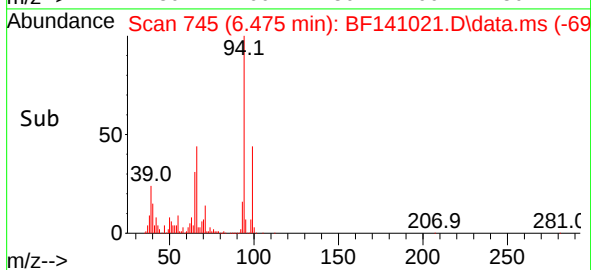
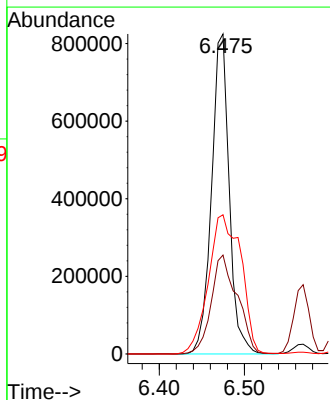
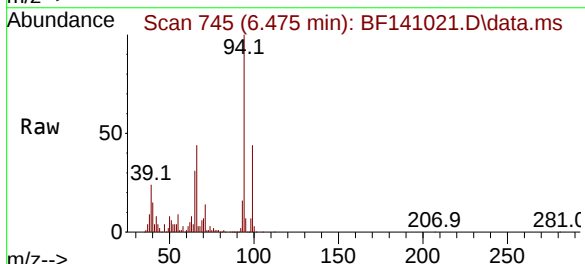
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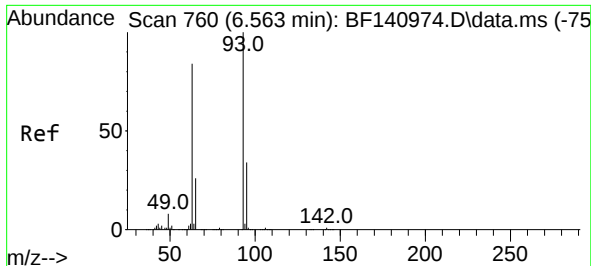
Tgt Ion: 77 Resp: 175984
Ion Ratio Lower Upper
77 100
105 99.6 76.2 116.2
106 95.1 73.4 113.4



#10
Phenol
Concen: 50.942 ng
RT: 6.475 min Scan# 745
Delta R.T. 0.012 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

Tgt Ion: 94 Resp: 1195100
Ion Ratio Lower Upper
94 100
65 30.9 8.1 48.1
66 43.5 18.7 58.7

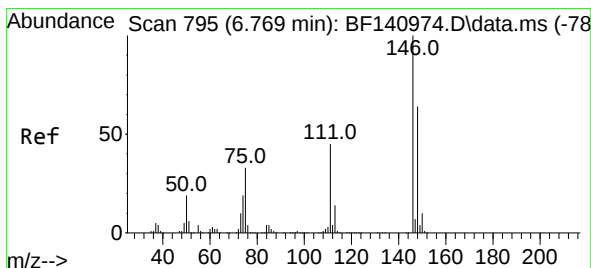
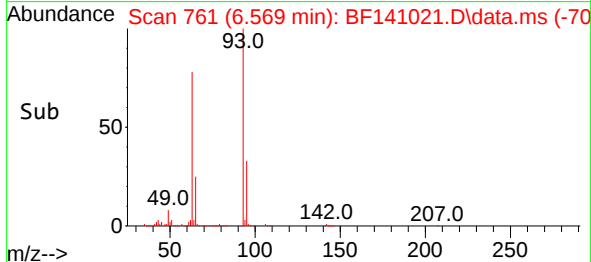
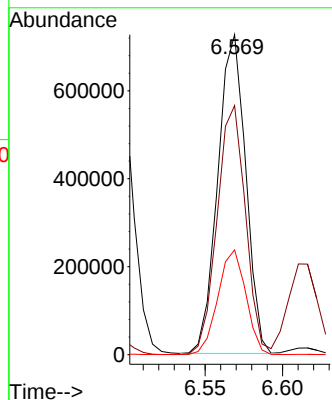
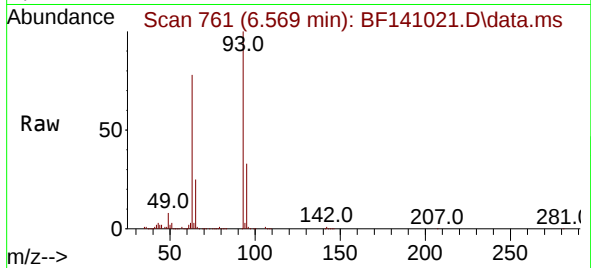




#11
bis(2-Chloroethyl)ether
Concen: 47.982 ng
RT: 6.569 min Scan# 760
Delta R.T. 0.006 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

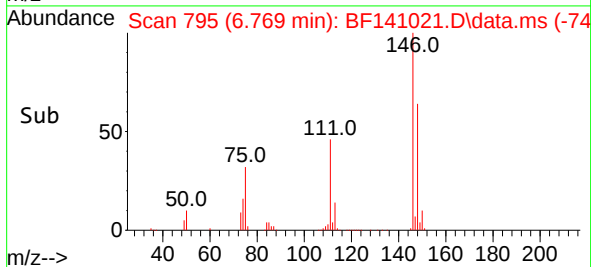
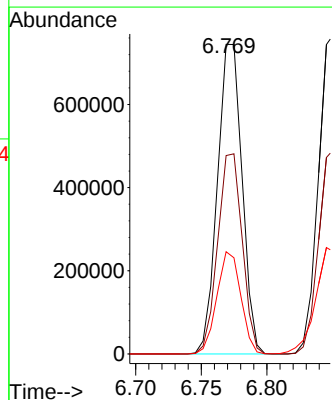
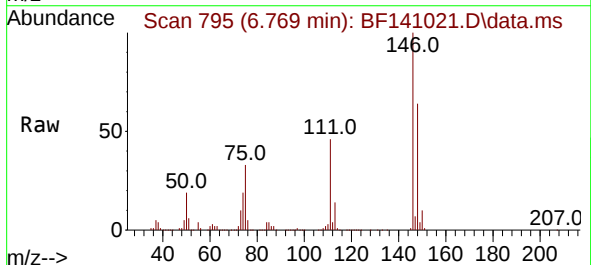
Instrument :
BNA_F
ClientSampleId :
PB165894BS

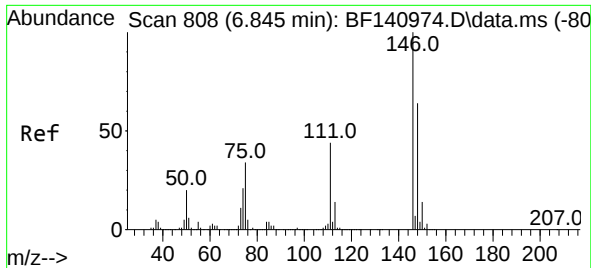
Tgt Ion: 93 Resp: 908900
Ion Ratio Lower Upper
93 100
63 77.9 60.3 100.3
95 32.7 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 47.438 ng
RT: 6.769 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

Tgt Ion:146 Resp: 972113
Ion Ratio Lower Upper
146 100
148 64.1 51.0 76.4
75 33.0 26.1 39.1

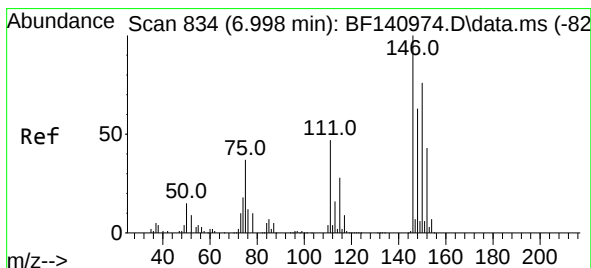
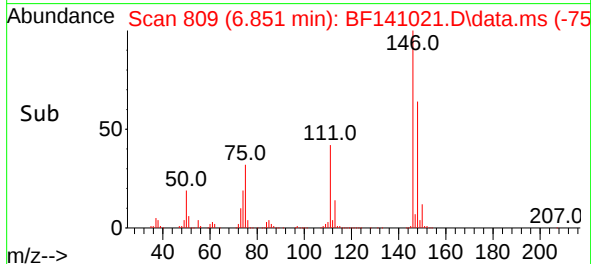
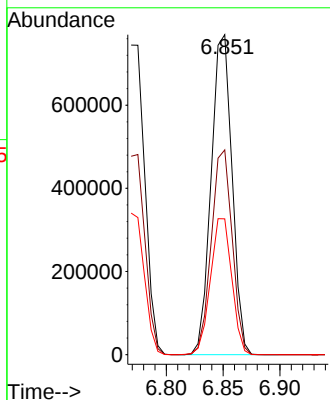
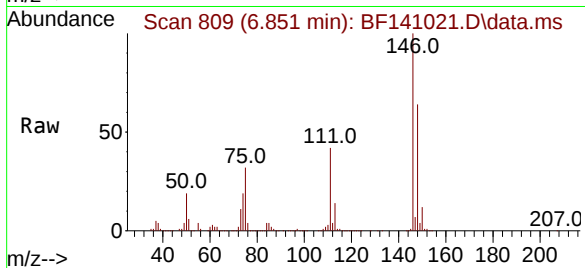




#13
1,4-Dichlorobenzene
Concen: 47.746 ng
RT: 6.851 min Scan# 808
Delta R.T. 0.006 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

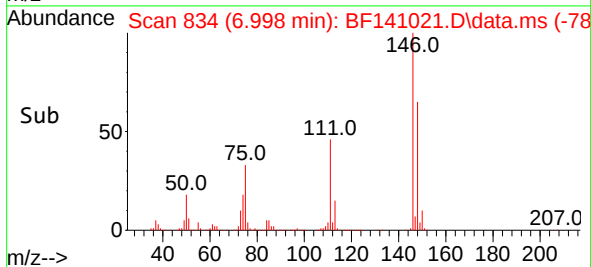
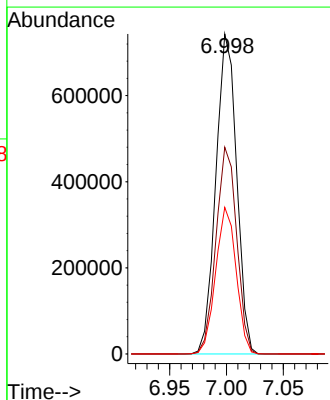
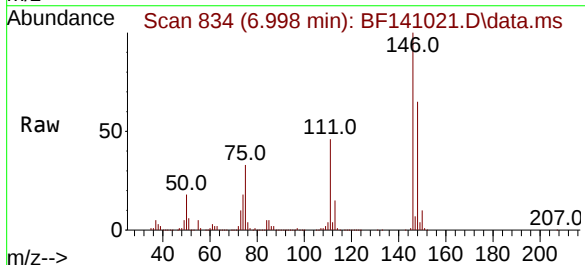
Instrument :
BNA_F
ClientSampleId :
PB165894BS

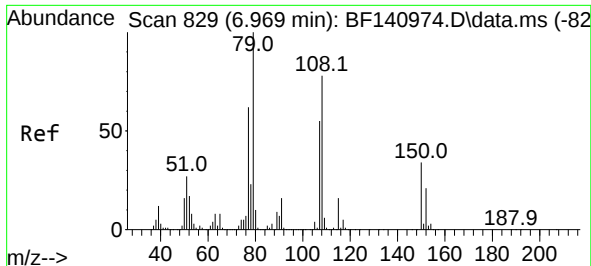
Tgt Ion:146 Resp: 986338
Ion Ratio Lower Upper
146 100
148 64.0 51.3 76.9
111 42.4 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 49.084 ng
RT: 6.998 min Scan# 834
Delta R.T. 0.000 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

Tgt Ion:146 Resp: 945408
Ion Ratio Lower Upper
146 100
148 64.6 50.6 76.0
111 45.8 37.3 55.9

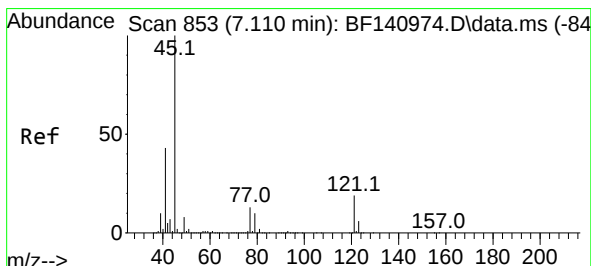
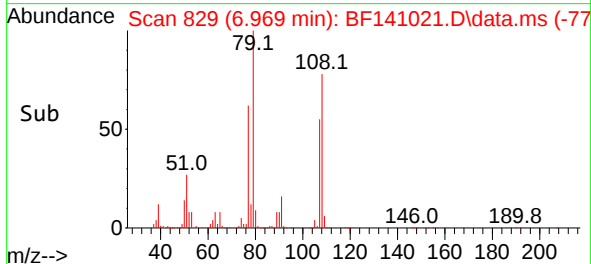
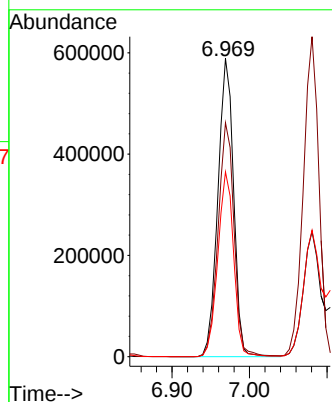
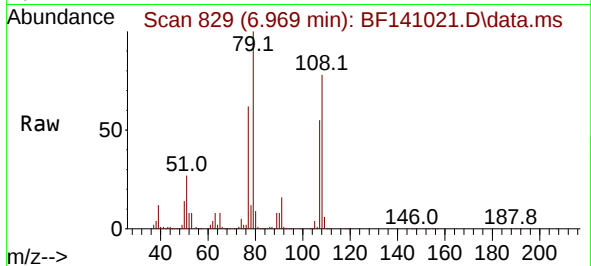




#15
Benzyl Alcohol
Concen: 50.983 ng
RT: 6.969 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

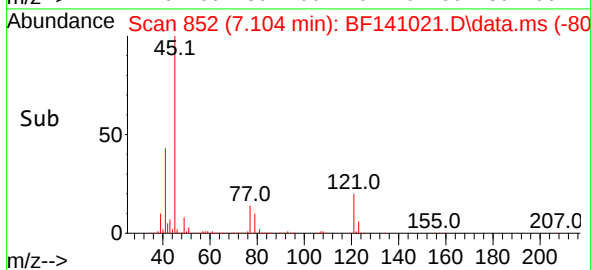
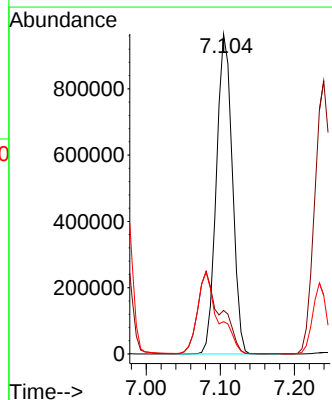
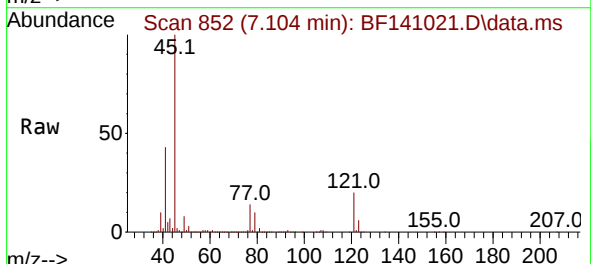
Instrument :
BNA_F
ClientSampleId :
PB165894BS

Tgt Ion: 79 Resp: 831212
Ion Ratio Lower Upper
79 100
108 78.4 62.5 93.7
77 62.0 49.3 73.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.222 ng
RT: 7.104 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

Tgt Ion: 45 Resp: 1438685
Ion Ratio Lower Upper
45 100
77 13.6 0.0 33.1
79 10.1 0.0 30.1

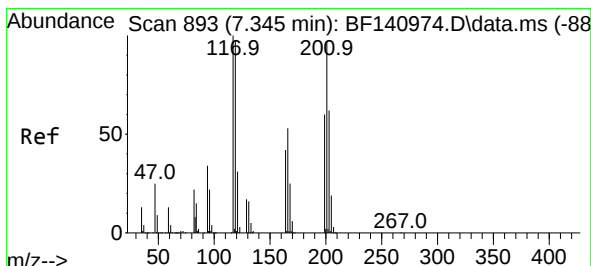
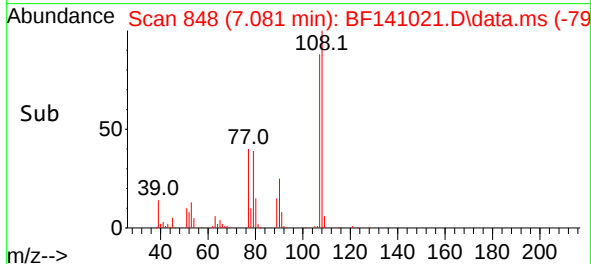
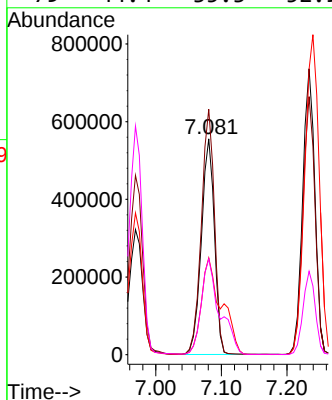
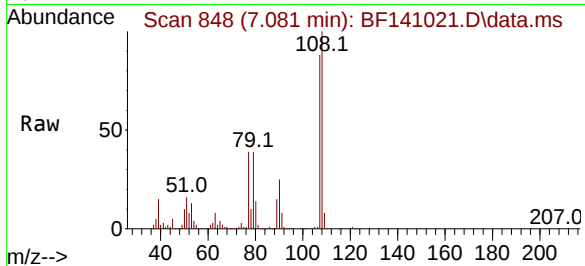




#17
2-Methylphenol
Concen: 50.056 ng
RT: 7.081 min Scan# 847
Delta R.T. 0.006 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

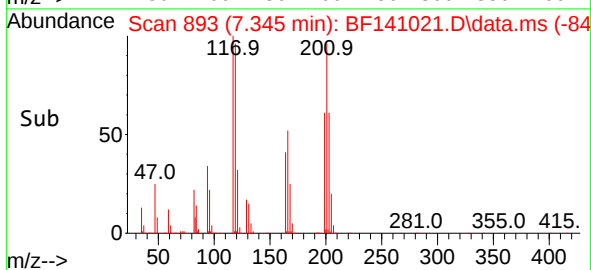
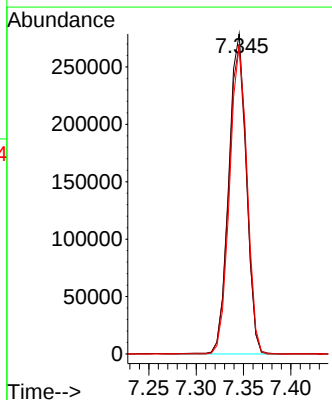
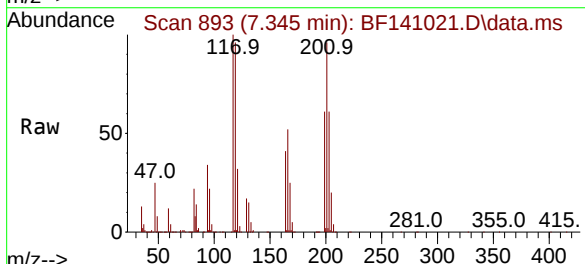
Instrument :
BNA_F
ClientSampleId :
PB165894BS

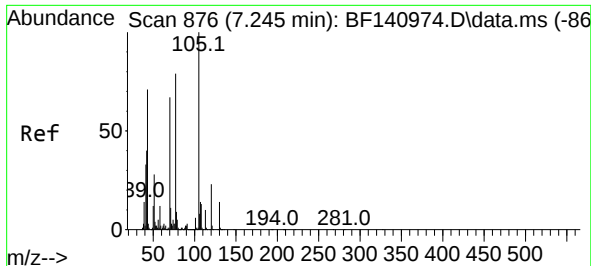
Tgt Ion:	107	Resp:	772182
Ion	Ratio	Lower	Upper
107	100		
108	113.7	90.6	136.0
77	44.9	35.3	52.9
79	44.4	35.3	52.9



#18
Hexachloroethane
Concen: 49.155 ng
RT: 7.345 min Scan# 893
Delta R.T. 0.000 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

Tgt Ion:	117	Resp:	360723
Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.5	116.3
201	96.5	77.4	116.2

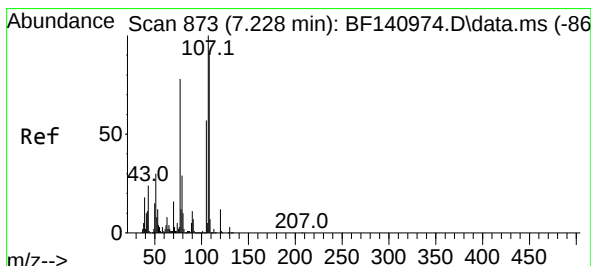
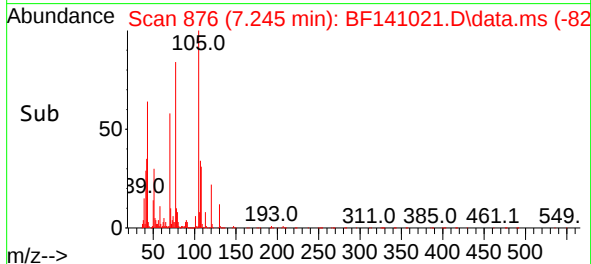
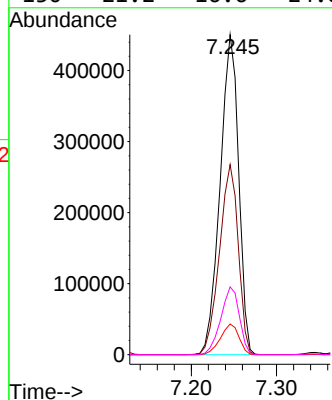
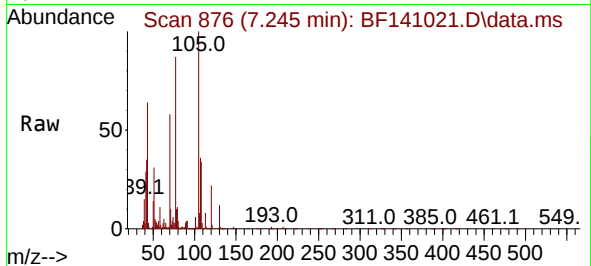




#19
n-Nitroso-di-n-propylamine
Concen: 48.892 ng
RT: 7.245 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

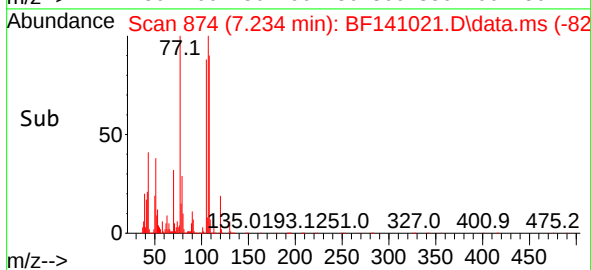
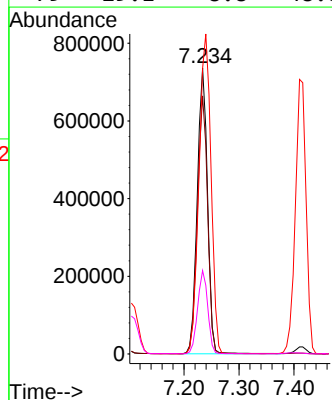
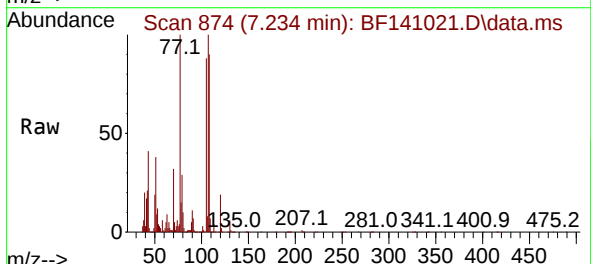
Instrument :
BNA_F
ClientSampleId :
PB165894BS

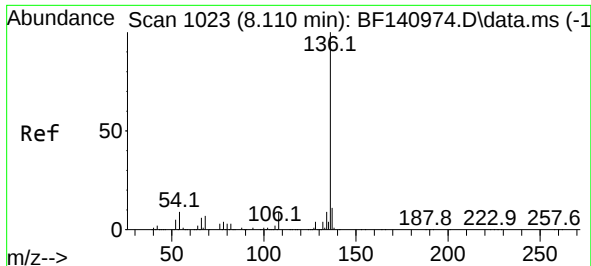
Tgt Ion: 70 Resp: 679575
Ion Ratio Lower Upper
70 100
42 59.4 48.1 72.1
101 9.6 7.6 11.4
130 21.2 16.6 24.8



#20
3+4-Methylphenols
Concen: 48.900 ng
RT: 7.234 min Scan# 874
Delta R.T. 0.006 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

Tgt Ion: 107 Resp: 954601
Ion Ratio Lower Upper
107 100
108 90.2 69.6 109.6
77 99.8 57.6 97.6#
79 29.1 8.8 48.8

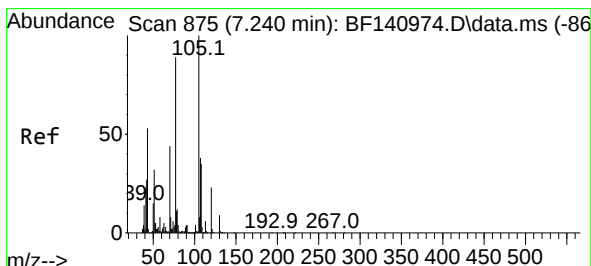
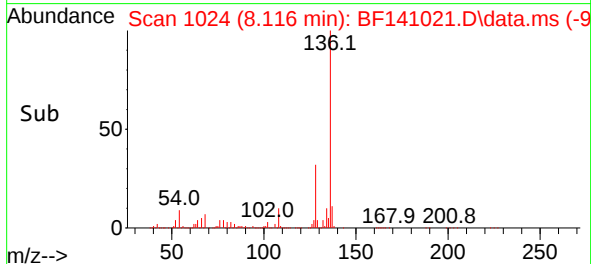
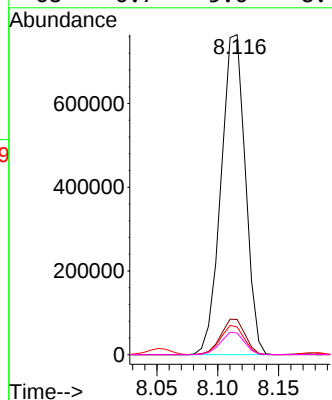
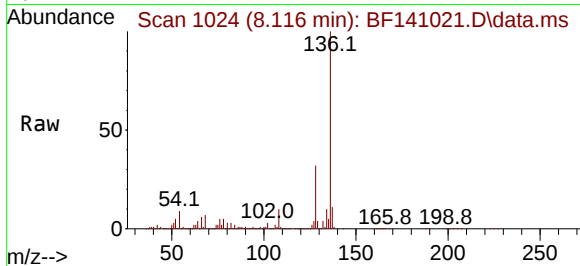




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. 0.006 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

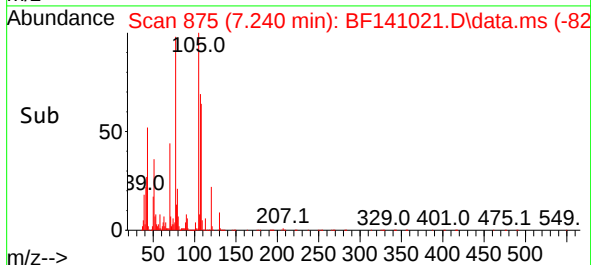
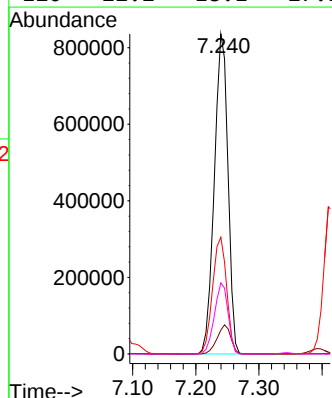
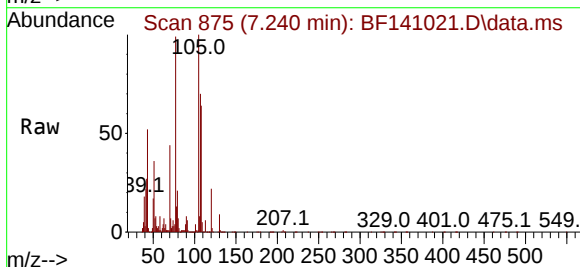
Instrument :
BNA_F
ClientSampleId :
PB165894BS

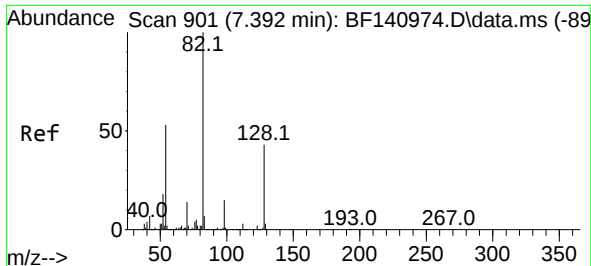
Tgt Ion:136 Resp: 1062209
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 8.7 7.6 11.4
68 6.7 5.6 8.4



#22
Acetophenone
Concen: 48.002 ng
RT: 7.240 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

Tgt Ion:105 Resp: 1250805
Ion Ratio Lower Upper
105 100
71 7.4 6.1 9.1
51 36.5 25.8 38.6
120 22.2 18.1 27.1

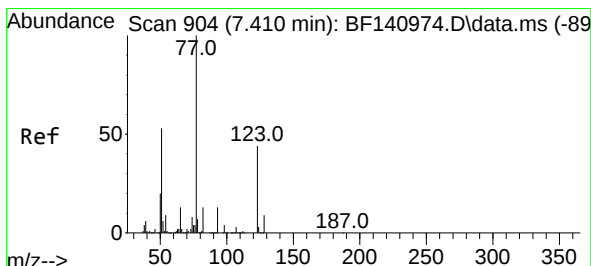
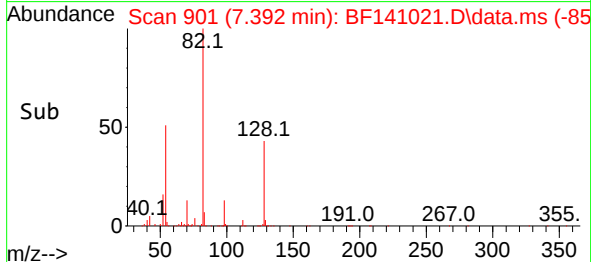
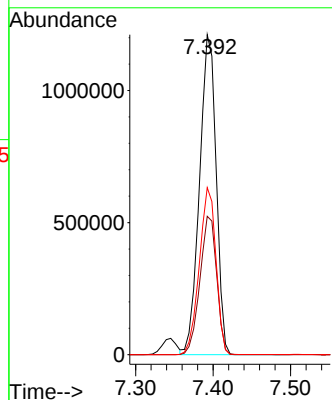
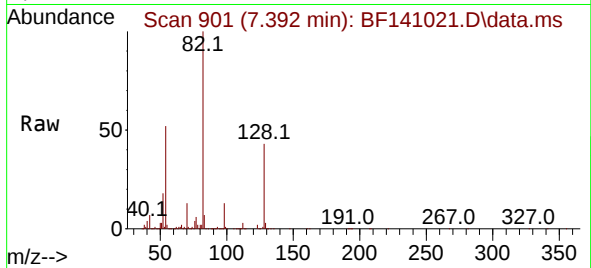




#23
Nitrobenzene-d5
Concen: 108.778 ng
RT: 7.392 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

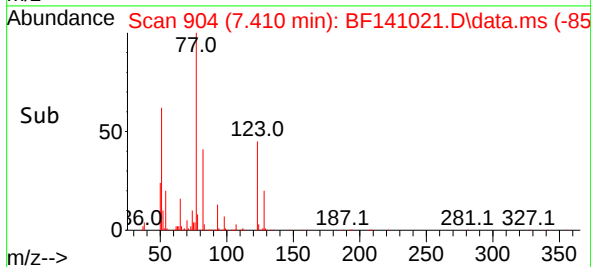
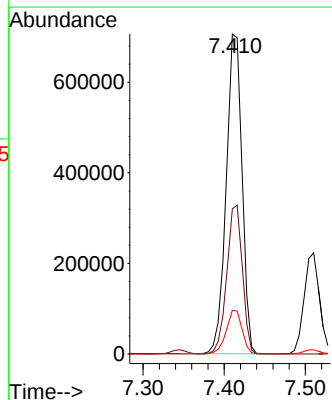
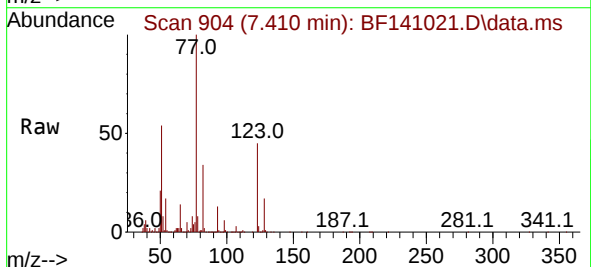
Instrument :
BNA_F
ClientSampleId :
PB165894BS

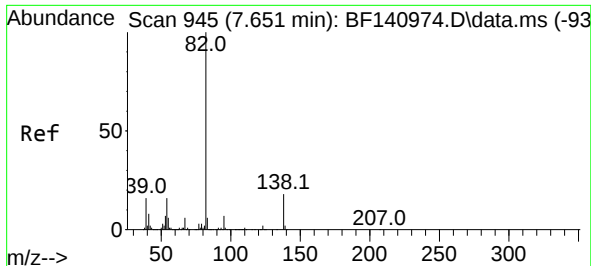
Tgt Ion: 82 Resp: 1806013
Ion Ratio Lower Upper
82 100
128 43.3 34.4 51.6
54 52.2 42.4 63.6



#24
Nitrobenzene
Concen: 51.716 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.000 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

Tgt Ion: 77 Resp: 959427
Ion Ratio Lower Upper
77 100
123 45.4 35.4 53.2
65 13.6 10.7 16.1

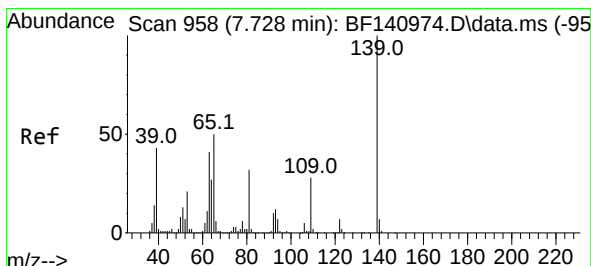
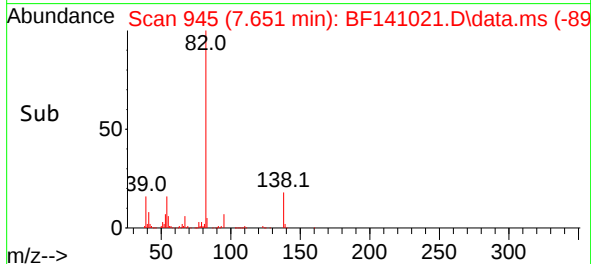
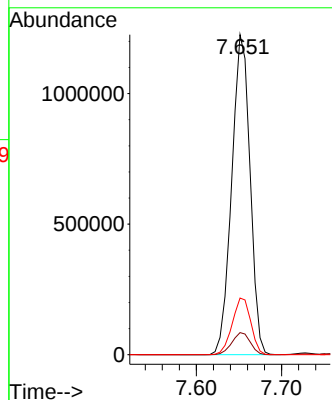
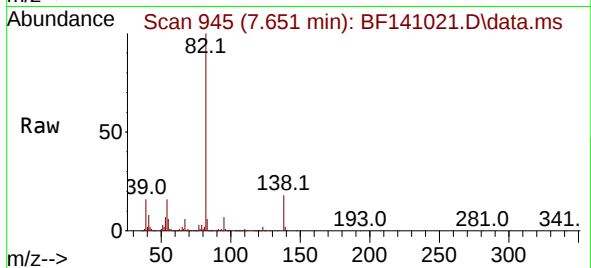




#25
Isophorone
Concen: 50.597 ng
RT: 7.651 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

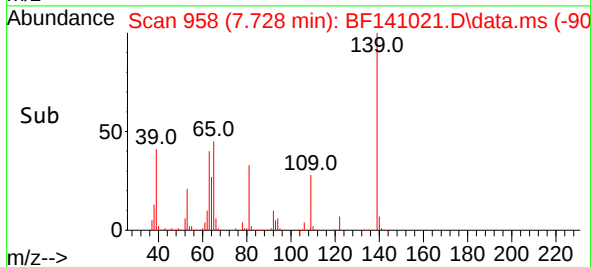
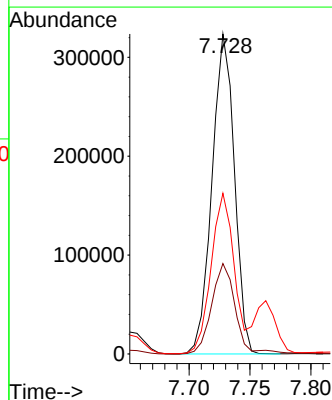
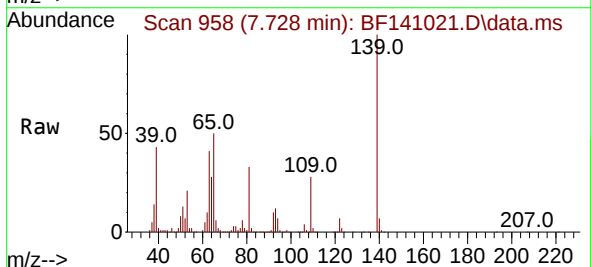
Instrument :
BNA_F
ClientSampleId :
PB165894BS

Tgt Ion: 82 Resp: 1827974
Ion Ratio Lower Upper
82 100
95 6.9 5.6 8.4
138 17.7 14.6 21.8



#26
2-Nitrophenol
Concen: 53.678 ng
RT: 7.728 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

Tgt Ion:139 Resp: 413463
Ion Ratio Lower Upper
139 100
109 28.3 22.2 33.4
65 50.2 40.2 60.4

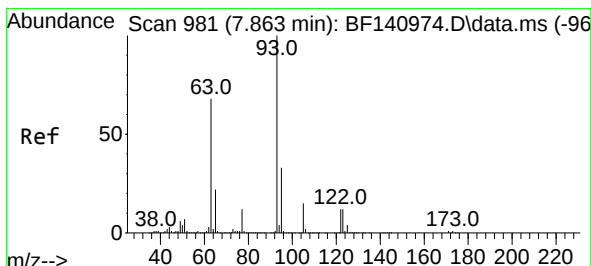
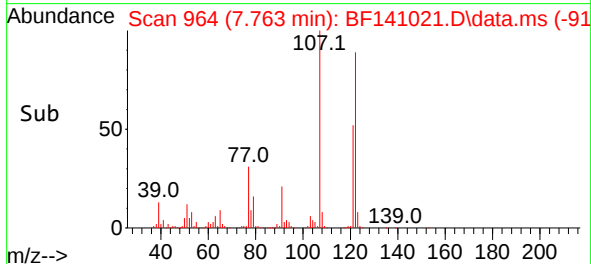
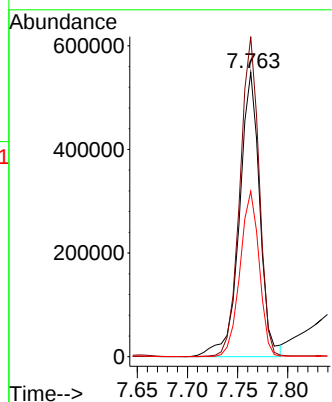
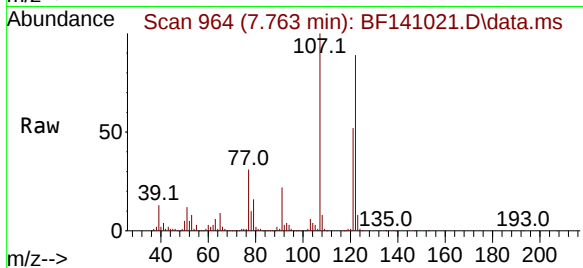




#27
2,4-Dimethylphenol
Concen: 58.615 ng
RT: 7.763 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

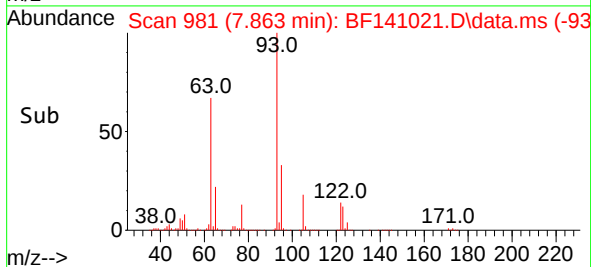
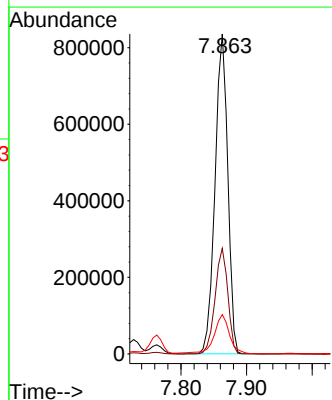
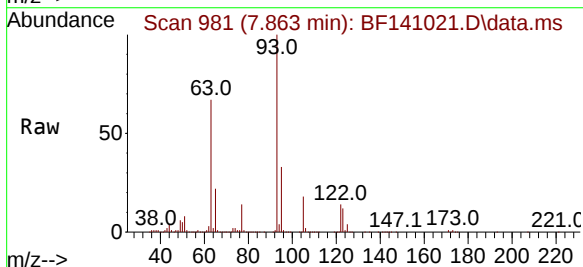
Instrument :
BNA_F
ClientSampleId :
PB165894BS

Tgt Ion:122 Resp: 773942
Ion Ratio Lower Upper
122 100
107 112.6 89.4 134.2
121 58.2 46.7 70.1



#28
bis(2-Chloroethoxy)methane
Concen: 49.099 ng
RT: 7.863 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

Tgt Ion: 93 Resp: 1123896
Ion Ratio Lower Upper
93 100
95 33.0 26.2 39.4
123 12.3 9.9 14.9

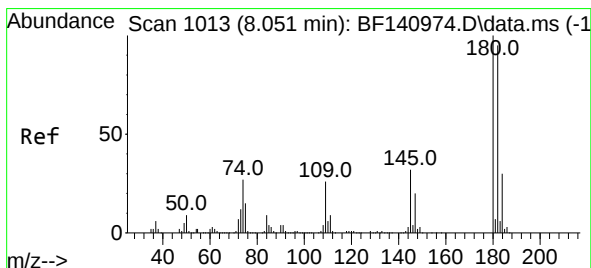
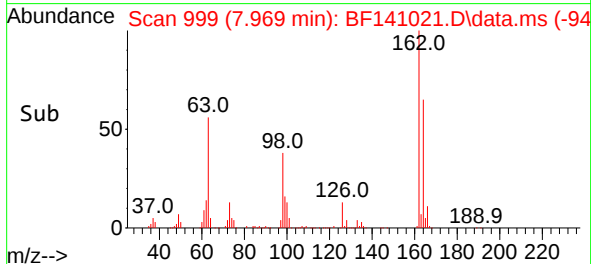
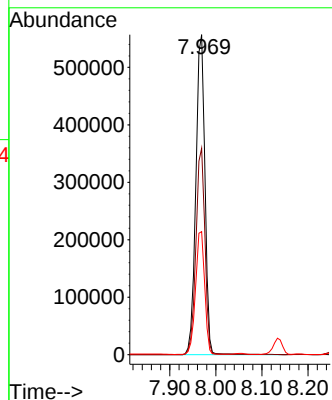
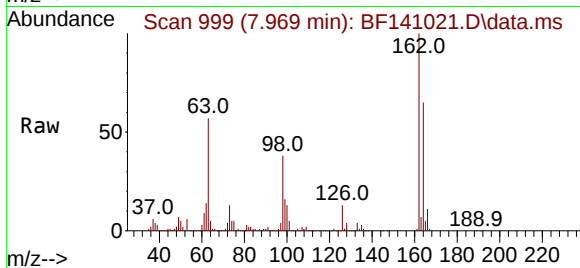




#29
2,4-Dichlorophenol
Concen: 50.745 ng
RT: 7.969 min Scan# 998
Delta R.T. 0.006 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

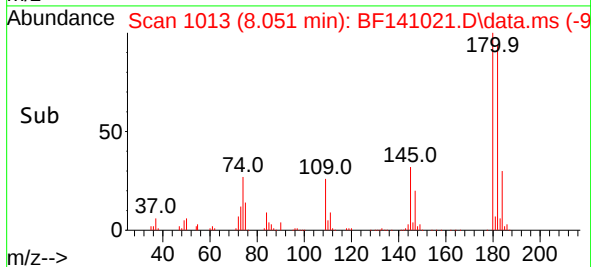
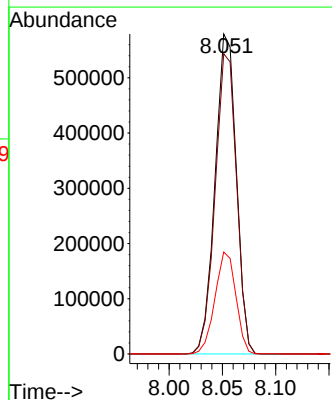
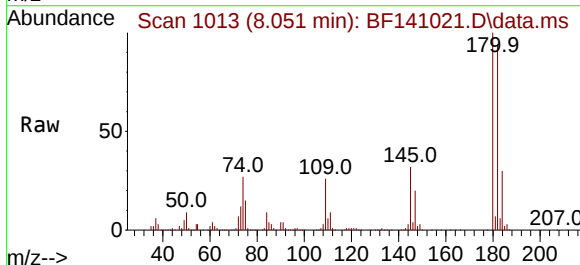
Instrument :
BNA_F
ClientSampleId :
PB165894BS

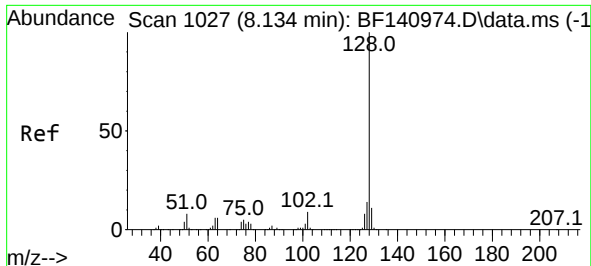
Tgt Ion:162 Resp: 759912
Ion Ratio Lower Upper
162 100
164 64.5 44.8 84.8
98 38.5 18.6 58.6



#30
1,2,4-Trichlorobenzene
Concen: 47.336 ng
RT: 8.051 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

Tgt Ion:180 Resp: 802320
Ion Ratio Lower Upper
180 100
182 93.8 76.2 114.4
145 31.9 25.4 38.2

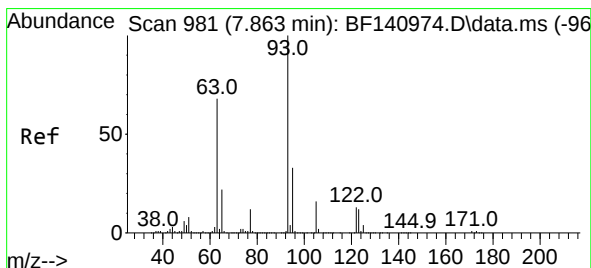
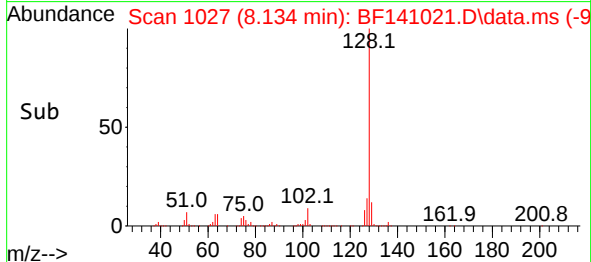
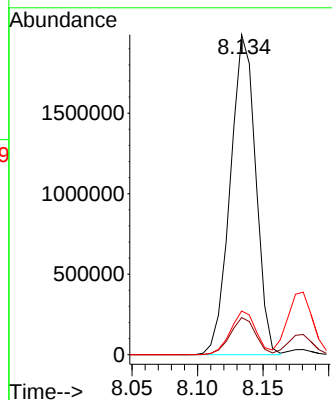
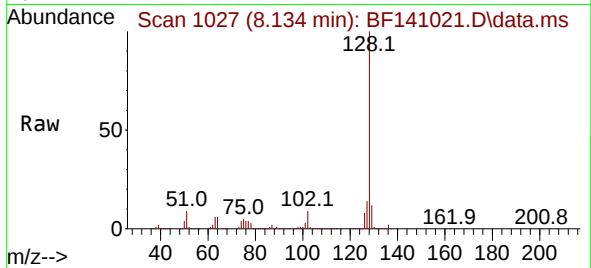




#31
Naphthalene
Concen: 47.871 ng
RT: 8.134 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

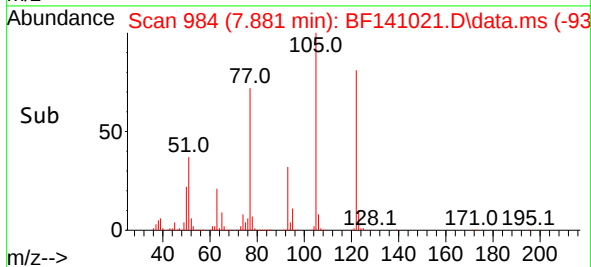
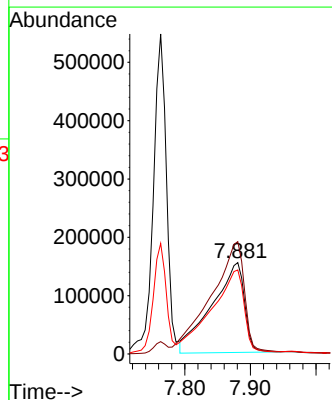
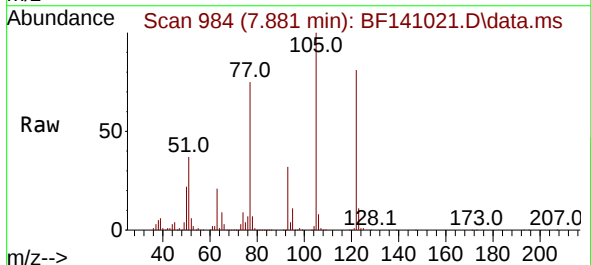
Instrument :
BNA_F
ClientSampleId :
PB165894BS

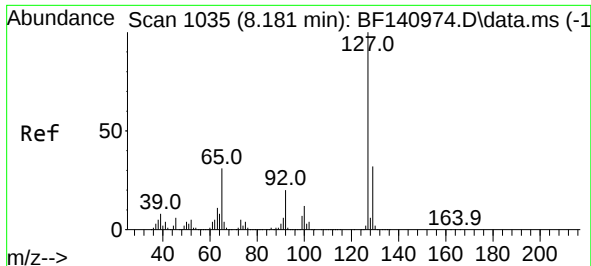
Tgt Ion:128 Resp: 2679451
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.6 11.0 16.4



#32
Benzoic acid
Concen: 48.704 ng
RT: 7.881 min Scan# 984
Delta R.T. 0.018 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

Tgt Ion:122 Resp: 530675
Ion Ratio Lower Upper
122 100
105 123.0 105.4 145.4
77 92.0 76.4 116.4

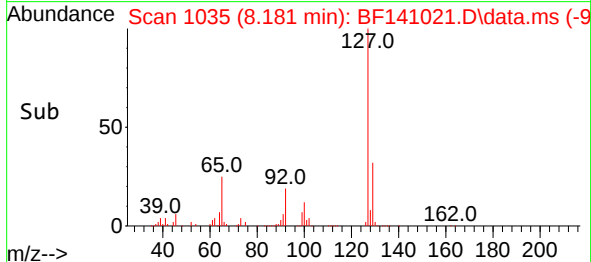
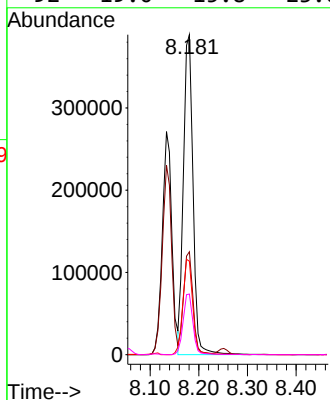
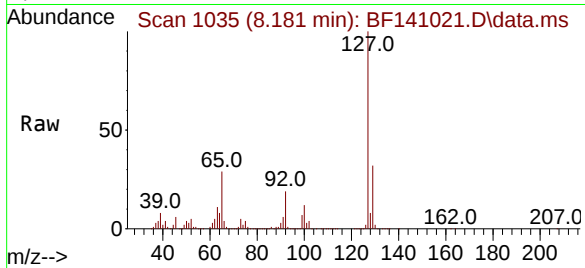




#33
4-Chloroaniline
Concen: 26.288 ng
RT: 8.181 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

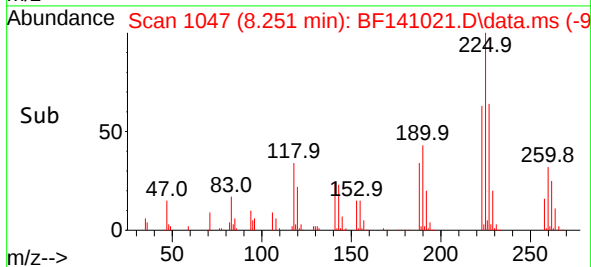
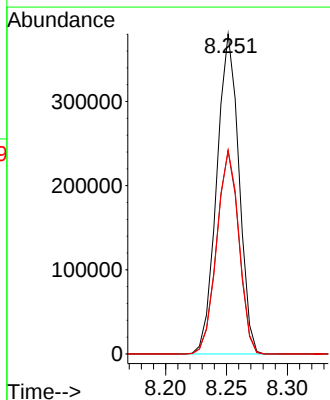
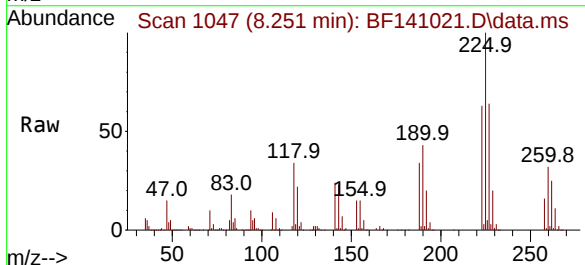
Instrument :
BNA_F
ClientSampleId :
PB165894BS

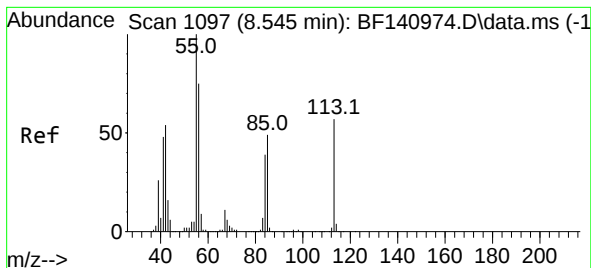
Tgt Ion:	127	Resp:	532305
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.1	39.1
65	29.2	24.6	37.0
92	19.0	15.8	23.6



#34
Hexachlorobutadiene
Concen: 48.214 ng
RT: 8.251 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

Tgt Ion:	225	Resp:	481762
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.3	75.5
227	63.7	50.8	76.2





#35

Caprolactam

Concen: 28.184 ng

RT: 8.545 min Scan# 1109

Delta R.T. 0.000 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

Instrument :

BNA_F

ClientSampleId :

PB165894BS

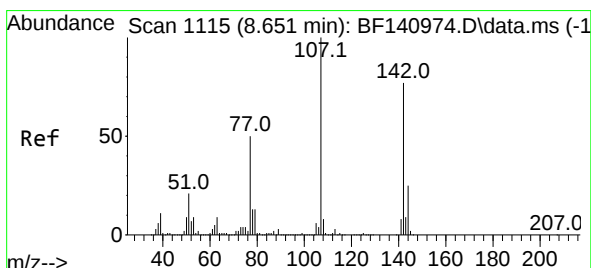
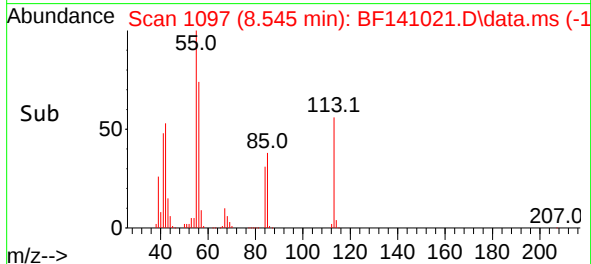
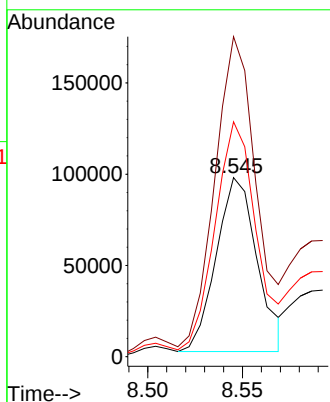
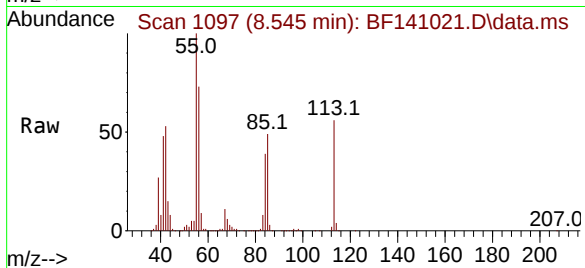
Tgt Ion:113 Resp: 143480

Ion Ratio Lower Upper

113 100

55 178.7 156.6 196.6

56 131.2 111.7 151.7



#36

4-Chloro-3-methylphenol

Concen: 49.402 ng

RT: 8.657 min Scan# 1116

Delta R.T. 0.006 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

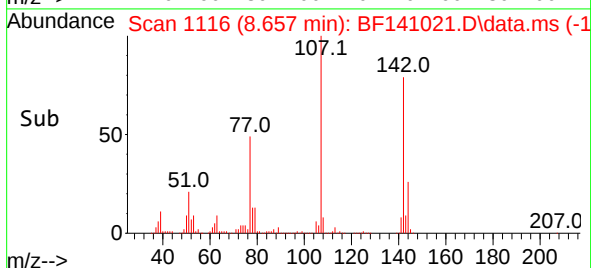
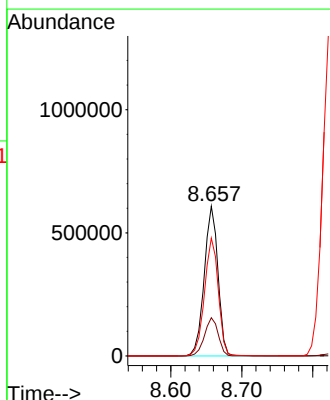
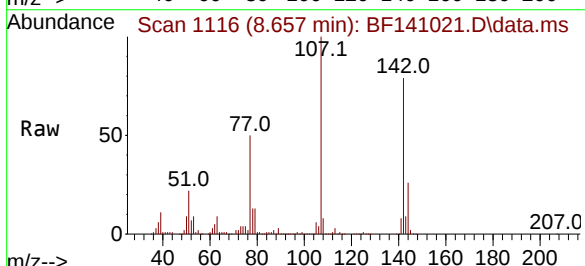
Tgt Ion:107 Resp: 821594

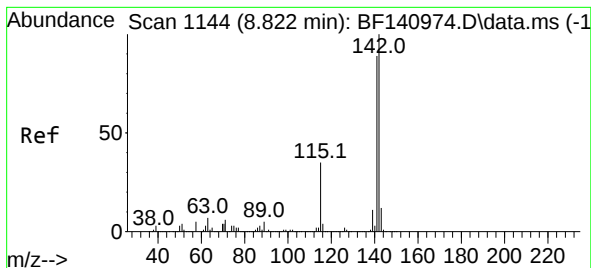
Ion Ratio Lower Upper

107 100

144 25.5 19.9 29.9

142 78.7 61.8 92.8





#37

2-Methylnaphthalene

Concen: 49.271 ng

RT: 8.822 min Scan# 1144

Delta R.T. 0.000 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

Instrument :

BNA_F

ClientSampleId :

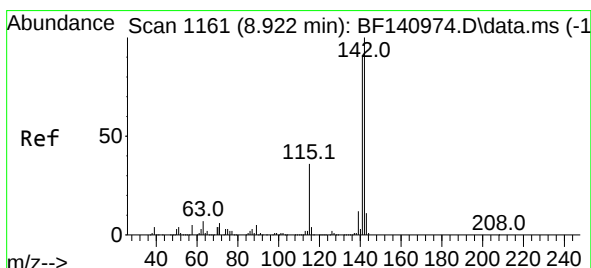
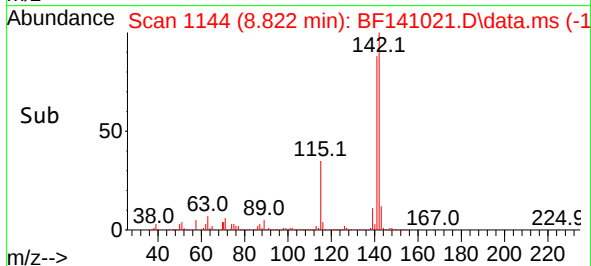
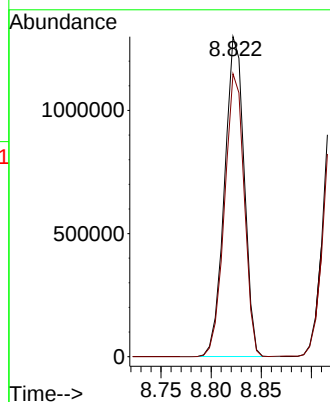
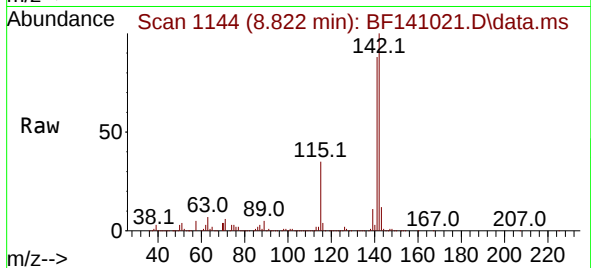
PB165894BS

Tgt Ion:142 Resp: 1764256

Ion Ratio Lower Upper

142 100

141 88.4 71.1 106.7



#38

1-Methylnaphthalene

Concen: 46.876 ng

RT: 8.922 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BF141021.D

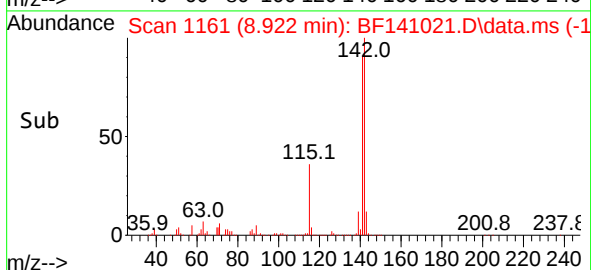
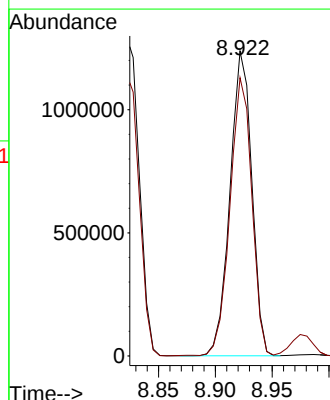
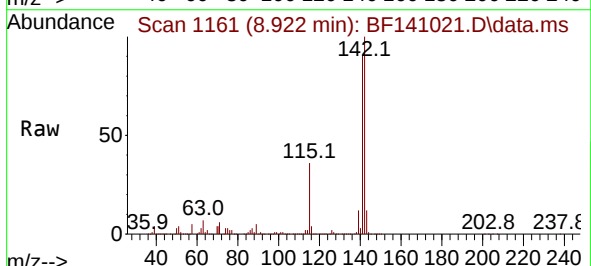
Acq: 30 Dec 2024 10:17

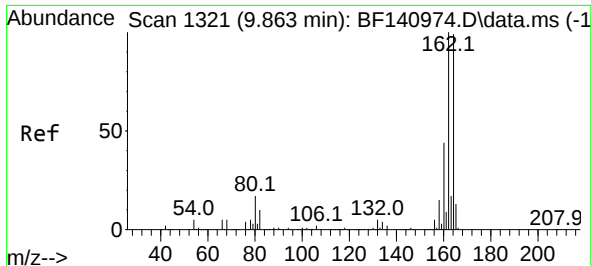
Tgt Ion:142 Resp: 1649595

Ion Ratio Lower Upper

142 100

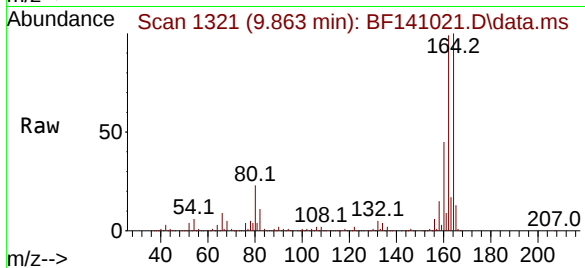
141 91.3 72.7 109.1



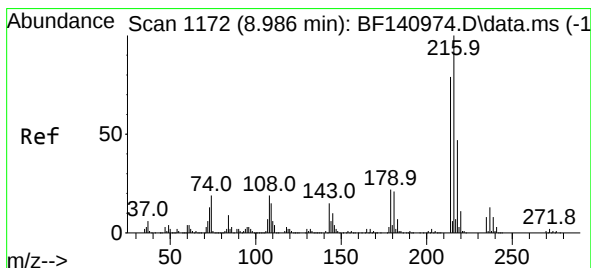
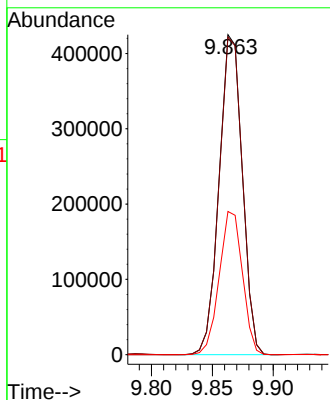
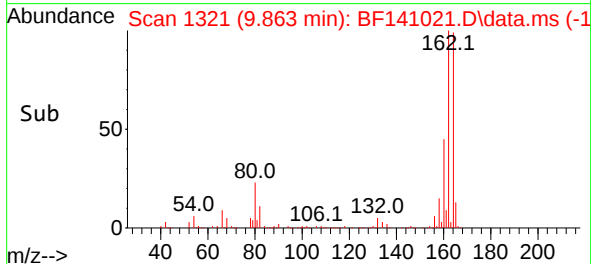


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

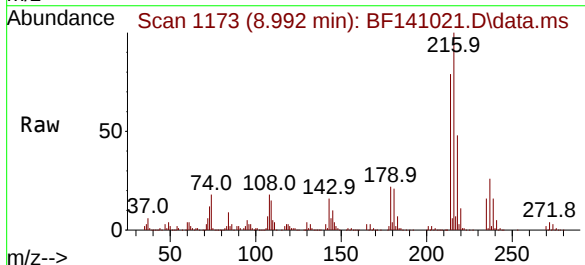
Instrument :
BNA_F
ClientSampleId :
PB165894BS



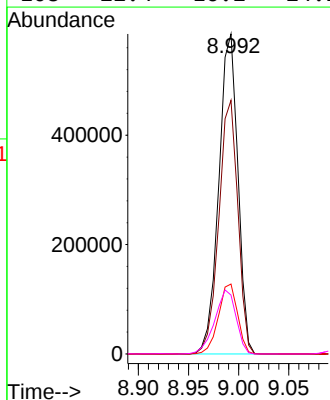
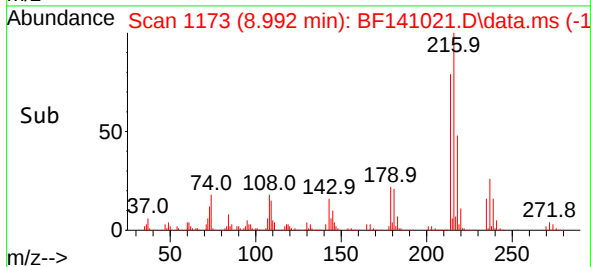
Tgt Ion:164 Resp: 563633
Ion Ratio Lower Upper
164 100
162 99.3 80.6 120.8
160 44.8 35.7 53.5

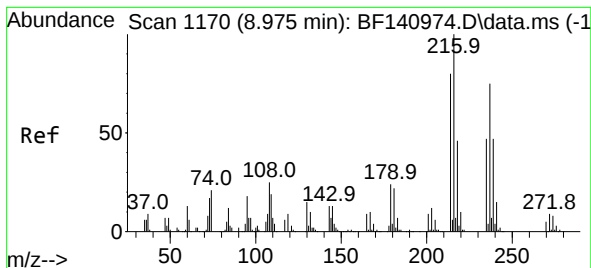


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.742 ng
RT: 8.992 min Scan# 1173
Delta R.T. 0.006 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17



Tgt Ion:216 Resp: 771312
Ion Ratio Lower Upper
216 100
214 79.1 63.0 94.6
179 22.0 17.9 26.9
108 22.4 16.2 24.2





#41

Hexachlorocyclopentadiene

Concen: 184.288 ng

RT: 8.981 min Scan# 1171

Delta R.T. 0.006 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

Instrument :

BNA_F

ClientSampleId :

PB165894BS

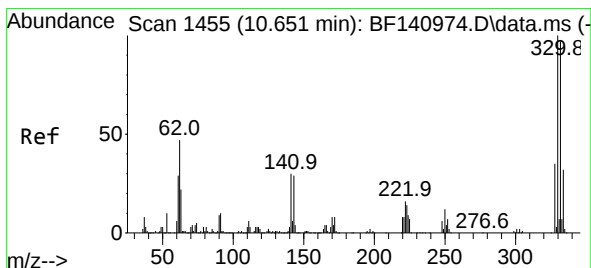
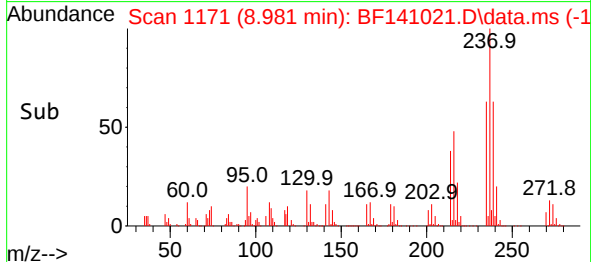
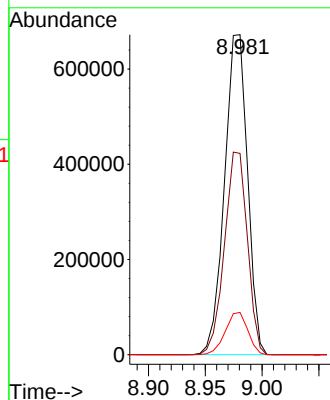
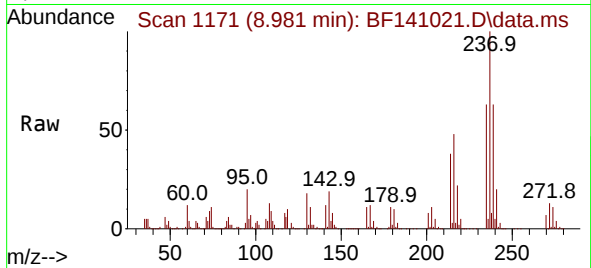
Tgt Ion:237 Resp: 946981

Ion Ratio Lower Upper

237 100

235 62.9 43.4 83.4

272 13.2 0.0 32.6



#42

2,4,6-Tribromophenol

Concen: 157.623 ng

RT: 10.657 min Scan# 1456

Delta R.T. 0.006 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

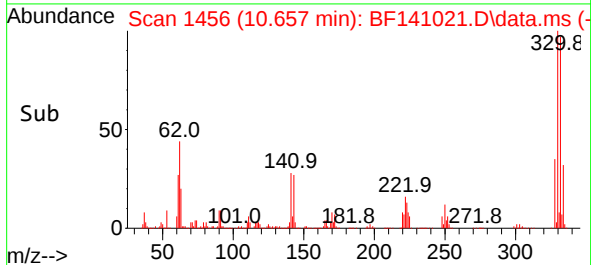
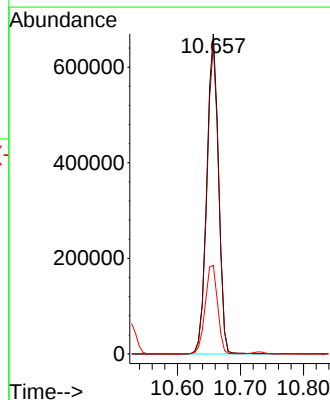
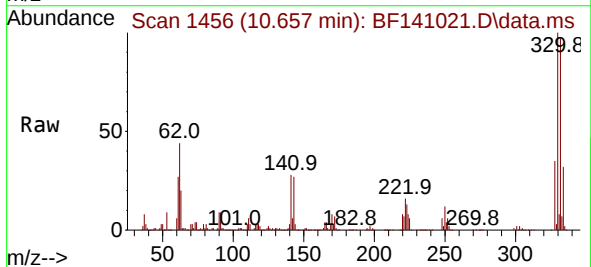
Tgt Ion:330 Resp: 863281

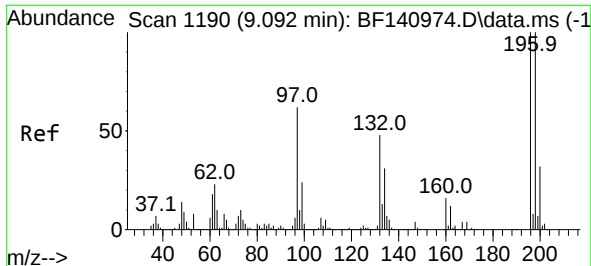
Ion Ratio Lower Upper

330 100

332 96.9 78.0 117.0

141 29.5 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 52.888 ng

RT: 9.098 min Scan# 1190

Delta R.T. 0.006 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

Instrument :

BNA_F

ClientSampleId :

PB165894BS

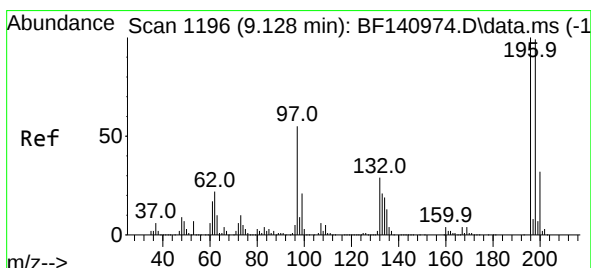
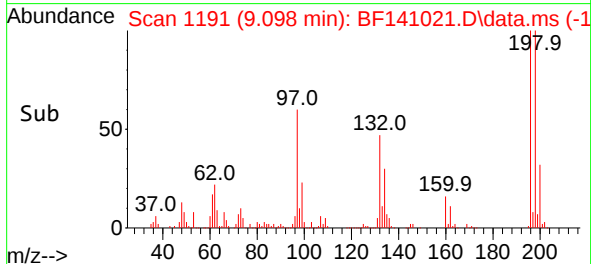
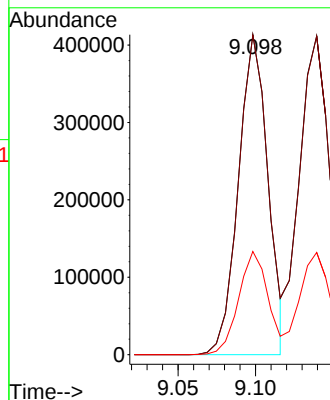
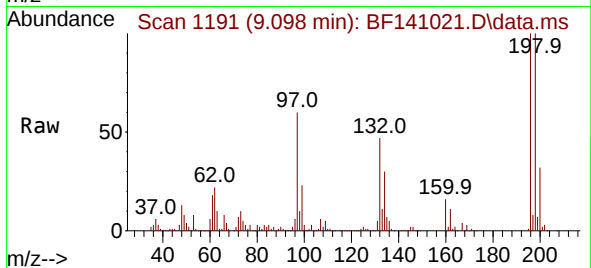
Tgt Ion:196 Resp: 545815

Ion Ratio Lower Upper

196 100

198 99.9 80.2 120.4

200 32.2 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 53.400 ng

RT: 9.139 min Scan# 1198

Delta R.T. 0.012 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

Tgt Ion:196 Resp: 563885

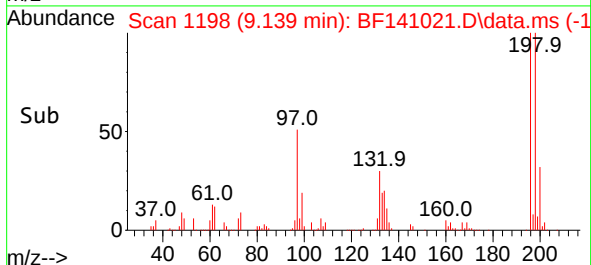
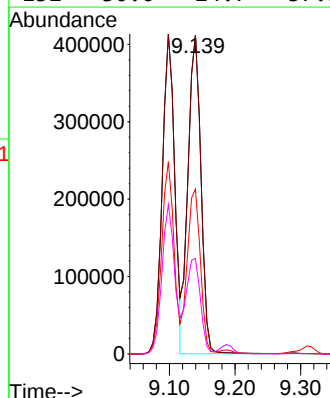
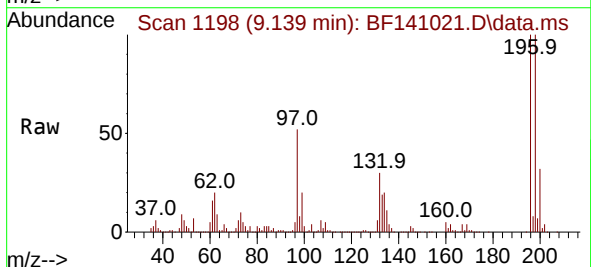
Ion Ratio Lower Upper

196 100

198 99.9 79.9 119.9

97 51.8 44.3 66.5

132 30.0 24.7 37.1

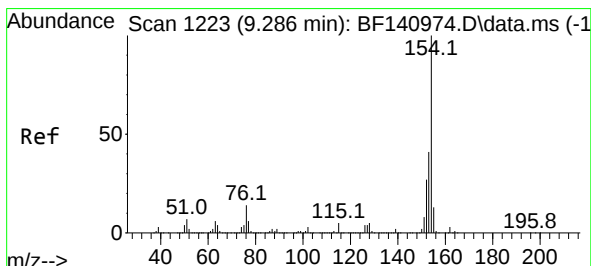
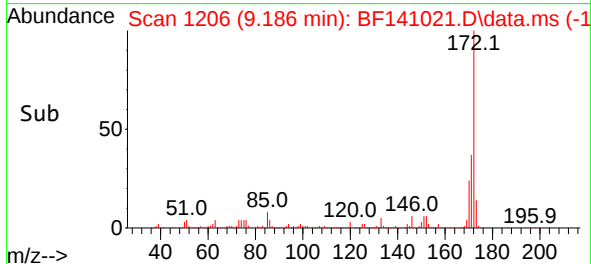
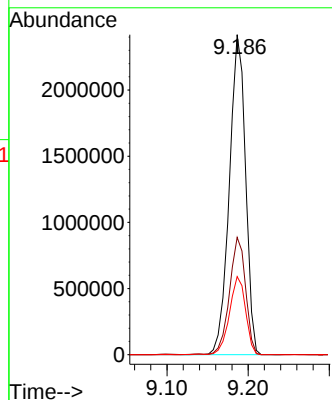
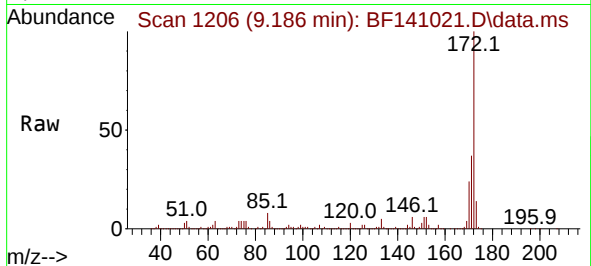




#45
2-Fluorobiphenyl
Concen: 94.811 ng
RT: 9.186 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

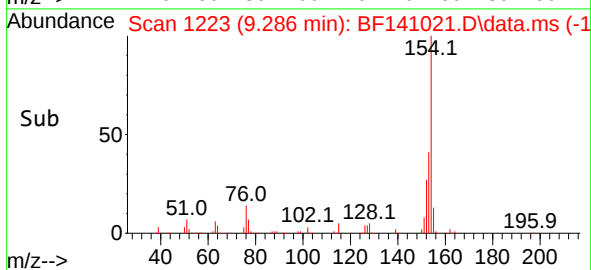
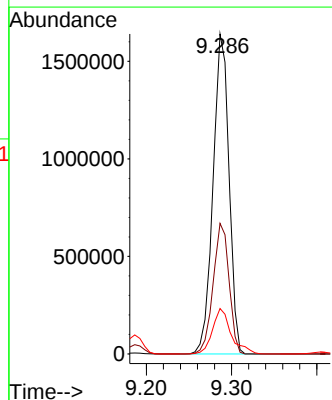
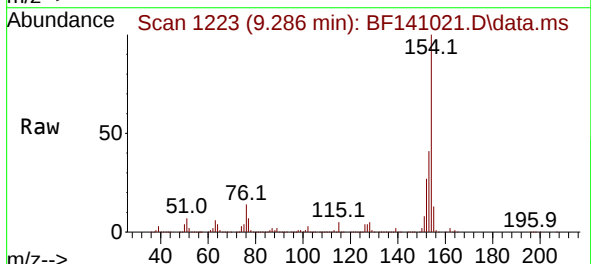
Instrument :
BNA_F
ClientSampleId :
PB165894BS

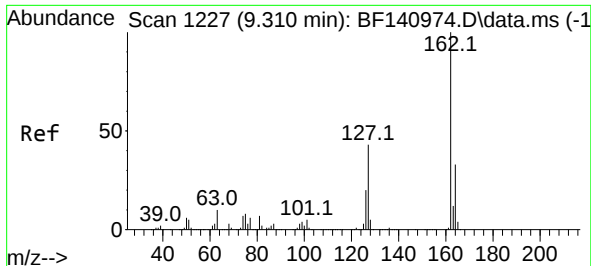
Tgt Ion:172 Resp: 3354071
Ion Ratio Lower Upper
172 100
171 36.7 29.0 43.4
170 24.4 19.6 29.4



#46
1,1'-Biphenyl
Concen: 49.635 ng
RT: 9.286 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

Tgt Ion:154 Resp: 2142081
Ion Ratio Lower Upper
154 100
153 40.8 20.9 60.9
76 14.2 0.0 34.0





#47

2-Chloronaphthalene

Concen: 48.245 ng

RT: 9.310 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

Instrument :

BNA_F

ClientSampleId :

PB165894BS

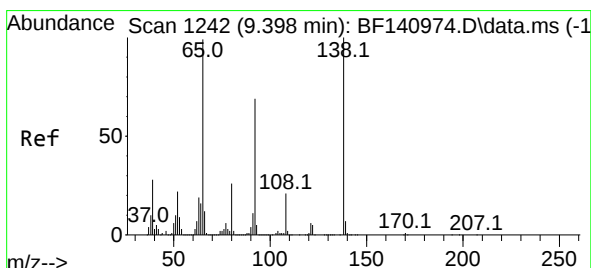
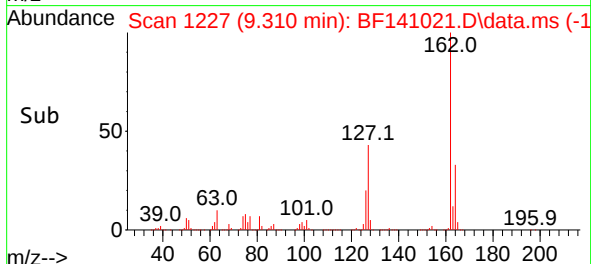
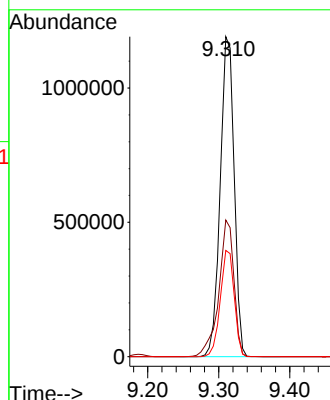
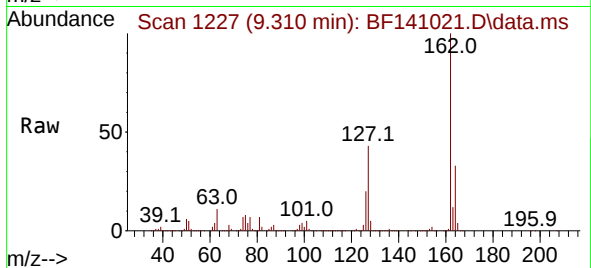
Tgt Ion:162 Resp: 1614810

Ion Ratio Lower Upper

162 100

127 42.7 34.2 51.4

164 33.2 26.6 40.0



#48

2-Nitroaniline

Concen: 54.432 ng

RT: 9.404 min Scan# 1243

Delta R.T. 0.006 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

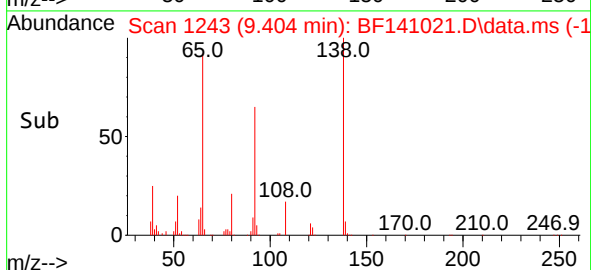
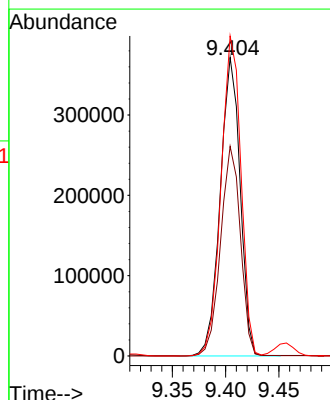
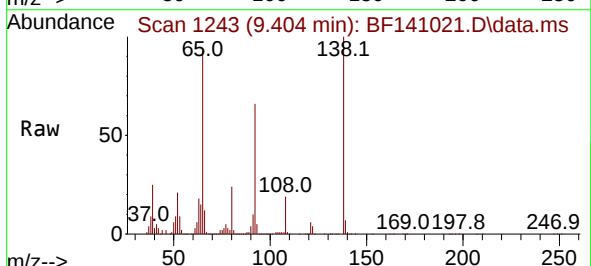
Tgt Ion: 65 Resp: 482653

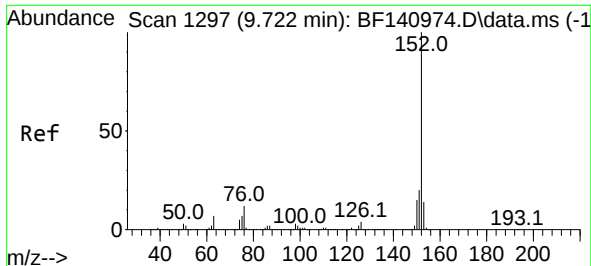
Ion Ratio Lower Upper

65 100

92 70.2 55.6 83.4

138 107.2 80.5 120.7





#49

Acenaphthylene

Concen: 51.689 ng

RT: 9.728 min Scan# 1297

Delta R.T. 0.006 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

Instrument :

BNA_F

ClientSampleId :

PB165894BS

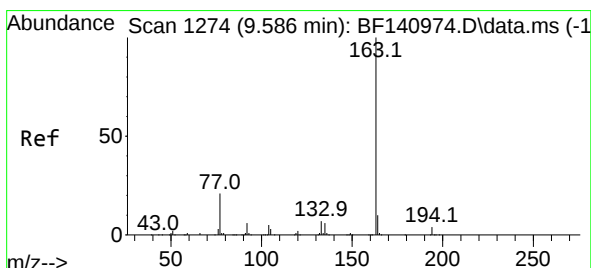
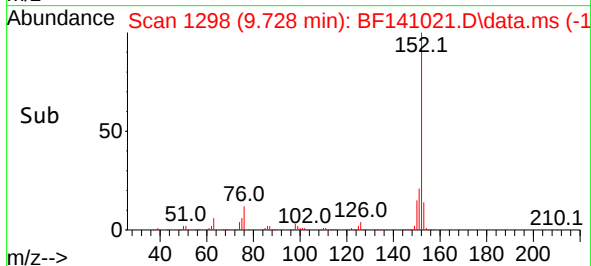
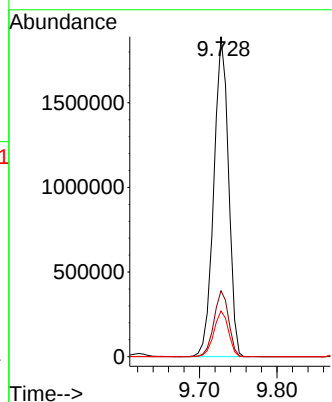
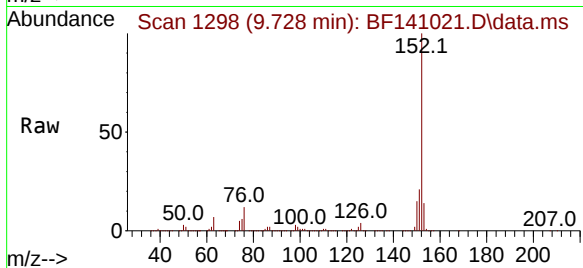
Tgt Ion:152 Resp: 2490576

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.4

153 14.3 11.4 17.0



#50

Dimethylphthalate

Concen: 50.969 ng

RT: 9.592 min Scan# 1275

Delta R.T. 0.006 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

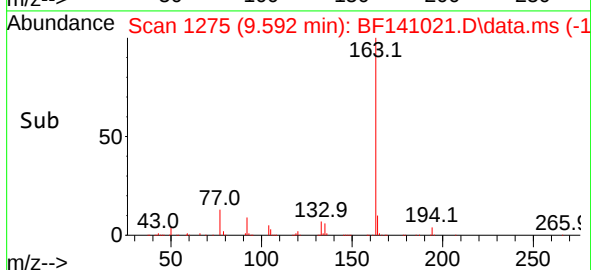
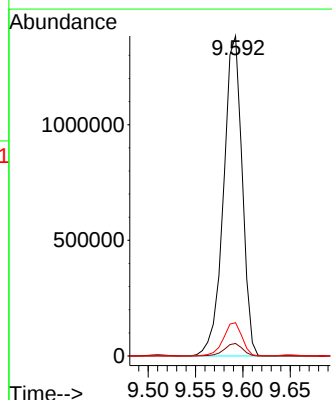
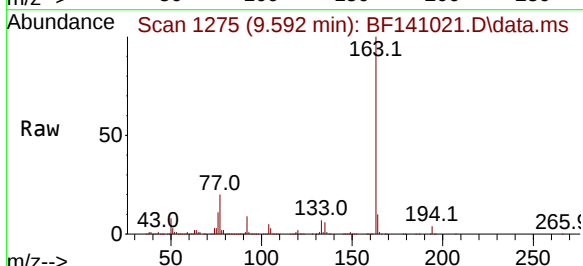
Tgt Ion:163 Resp: 1889611

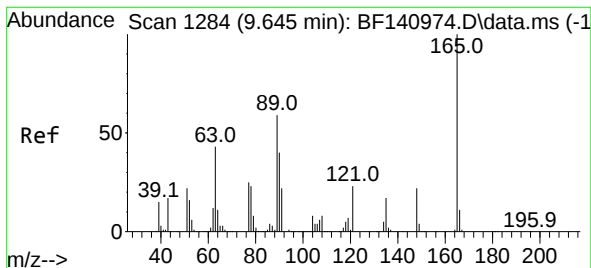
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.4 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 51.656 ng

RT: 9.651 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

Instrument :

BNA_F

ClientSampleId :

PB165894BS

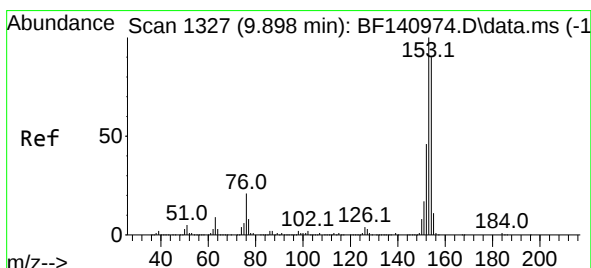
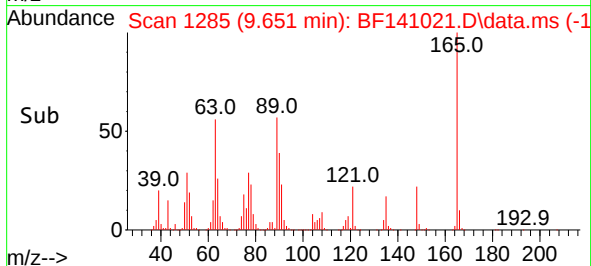
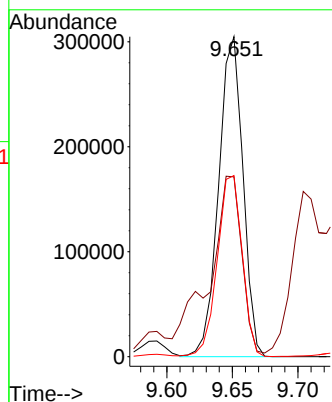
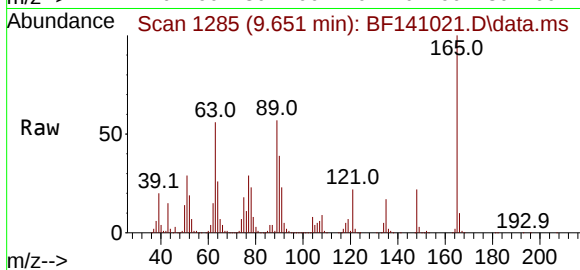
Tgt Ion:165 Resp: 392834

Ion Ratio Lower Upper

165 100

63 56.2 47.1 70.7

89 56.6 47.0 70.4



#52

Acenaphthene

Concen: 53.990 ng

RT: 9.898 min Scan# 1327

Delta R.T. 0.000 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

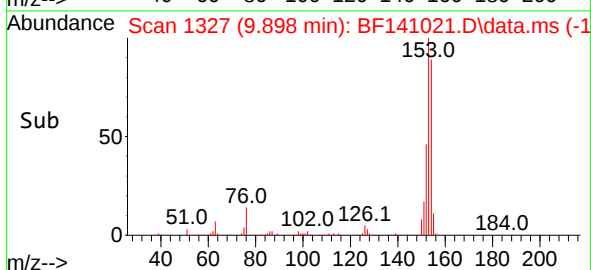
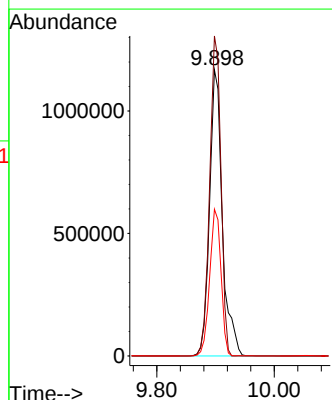
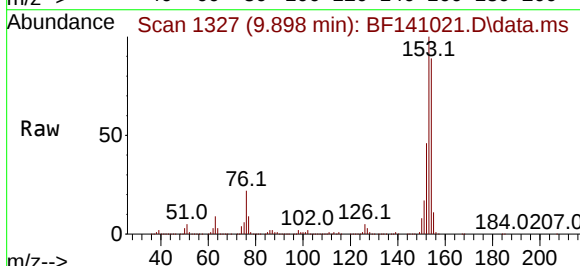
Tgt Ion:154 Resp: 1758675

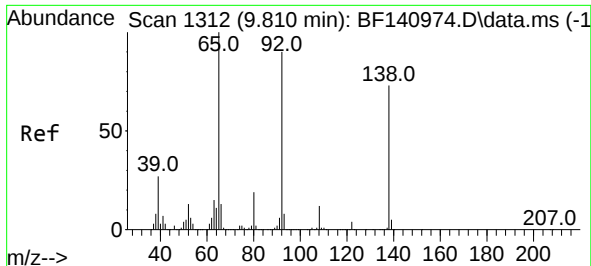
Ion Ratio Lower Upper

154 100

153 111.8 89.2 133.8

152 51.3 40.9 61.3

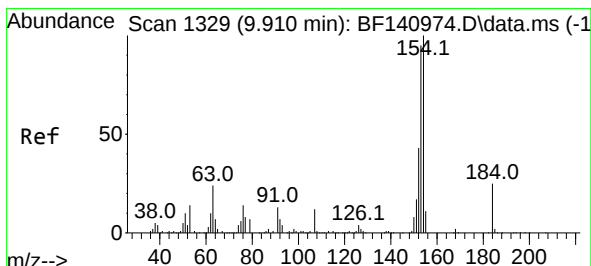
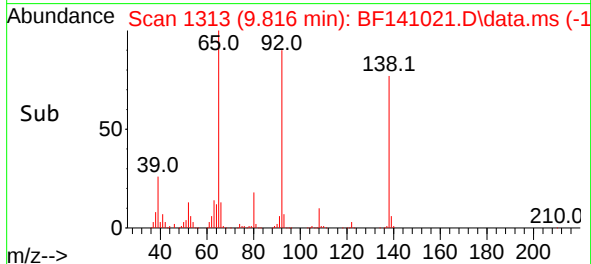
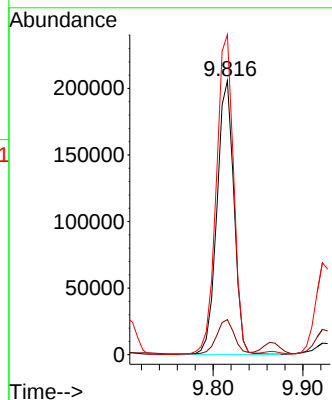
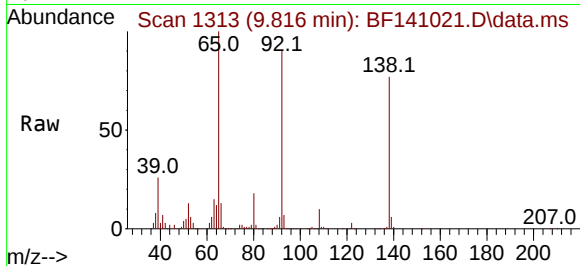




#53
3-Nitroaniline
Concen: 33.872 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

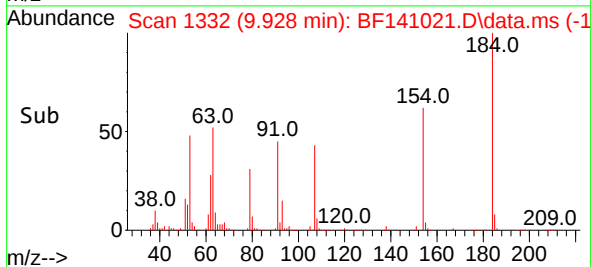
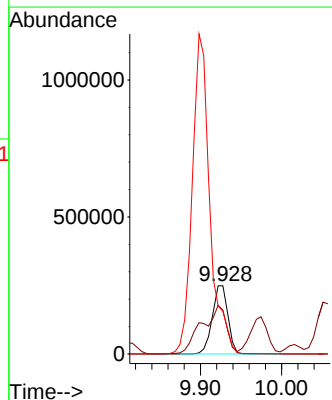
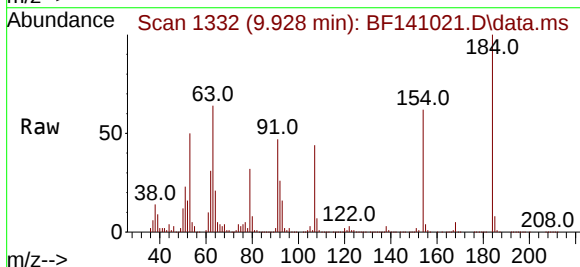
Instrument :
BNA_F
ClientSampleId :
PB165894BS

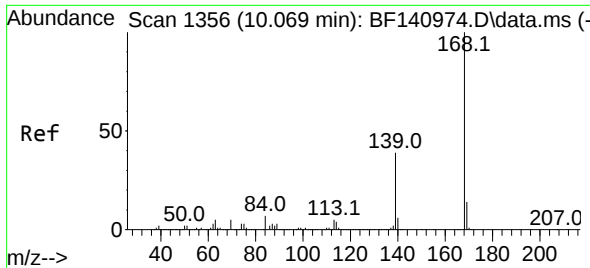
Tgt Ion:138 Resp: 270023
Ion Ratio Lower Upper
138 100
108 12.8 13.5 20.3#
92 116.8 97.7 146.5



#54
2,4-Dinitrophenol
Concen: 99.313 ng
RT: 9.928 min Scan# 1332
Delta R.T. 0.018 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

Tgt Ion:184 Resp: 332519
Ion Ratio Lower Upper
184 100
63 64.4 81.6 122.4#
154 62.1 363.5 545.3#

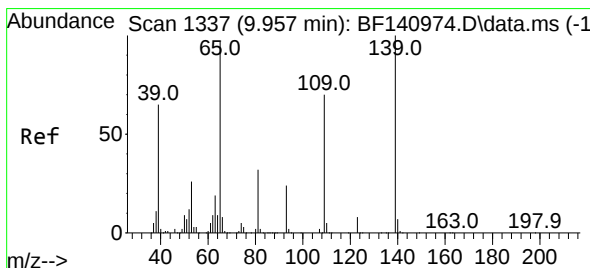
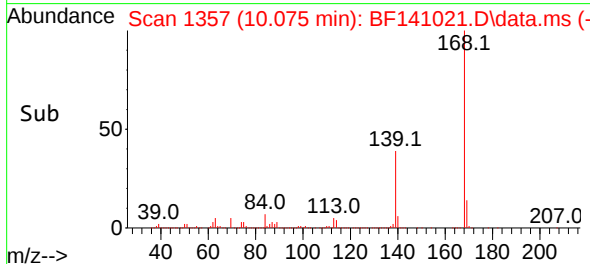
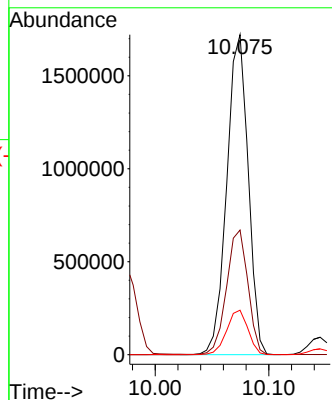
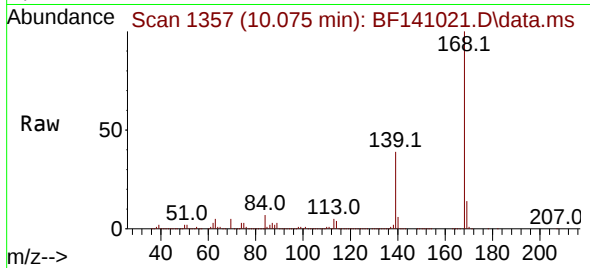




#55
Dibenzenofuran
Concen: 49.180 ng
RT: 10.075 min Scan# 1357
Delta R.T. 0.006 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

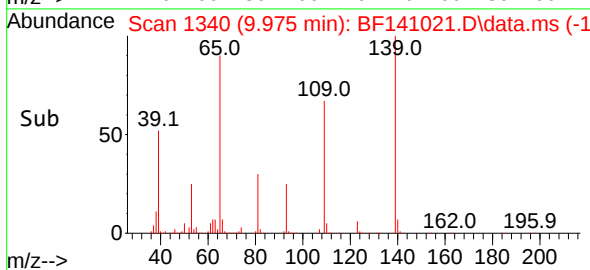
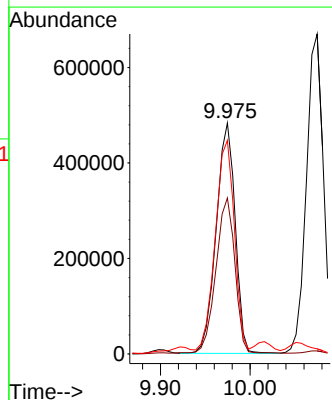
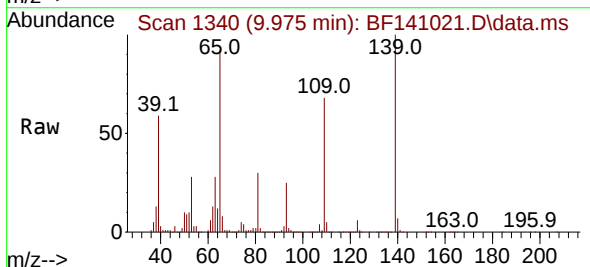
Instrument :
BNA_F
ClientSampleId :
PB165894BS

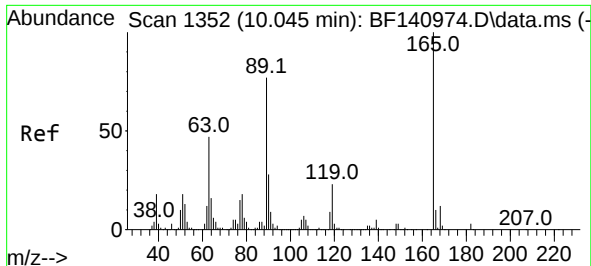
Tgt Ion:168 Resp: 2251400
Ion Ratio Lower Upper
168 100
139 38.9 31.6 47.4
169 13.9 11.0 16.6



#56
4-Nitrophenol
Concen: 111.872 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.018 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

Tgt Ion:139 Resp: 709465
Ion Ratio Lower Upper
139 100
109 67.5 50.8 90.8
65 92.5 78.5 118.5

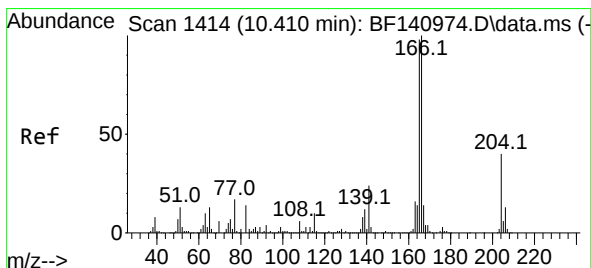
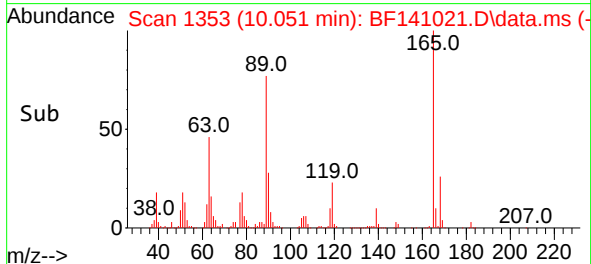
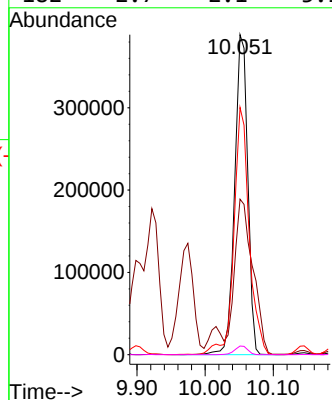
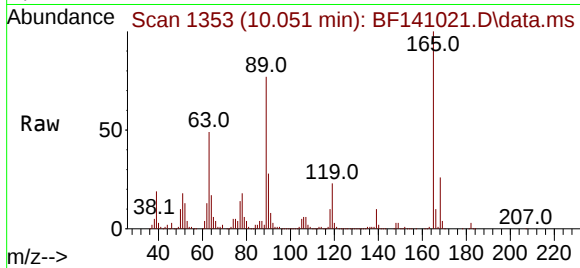




#57
2,4-Dinitrotoluene
Concen: 55.370 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

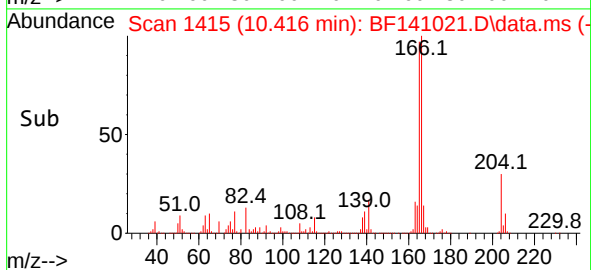
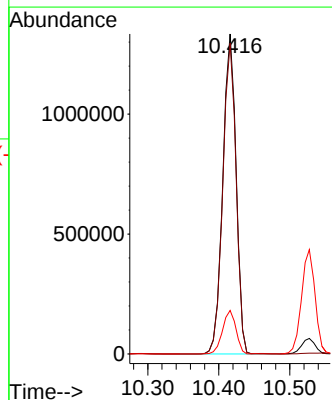
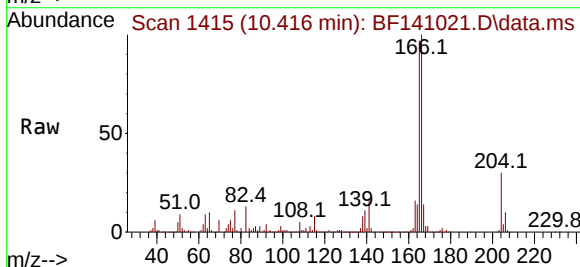
Instrument :
BNA_F
ClientSampleId :
PB165894BS

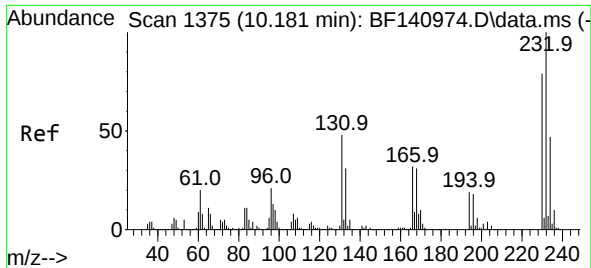
Tgt Ion:165 Resp: 519335
Ion Ratio Lower Upper
165 100
63 48.6 38.1 57.1
89 77.2 61.4 92.2
182 2.7 2.1 3.1



#58
Fluorene
Concen: 48.699 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

Tgt Ion:166 Resp: 1728750
Ion Ratio Lower Upper
166 100
165 97.1 78.3 117.5
167 13.6 10.9 16.3

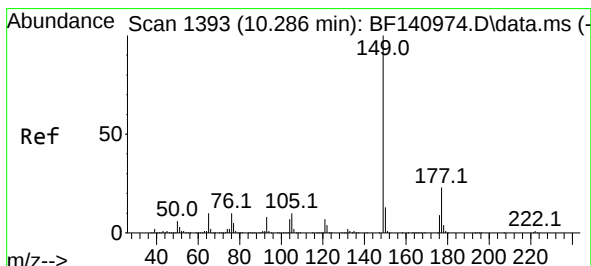
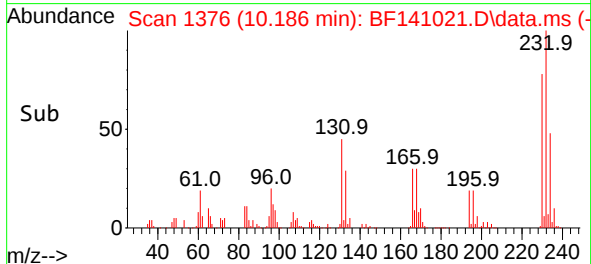
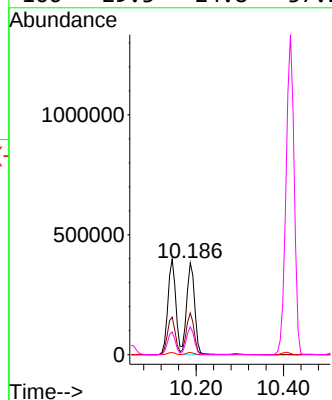
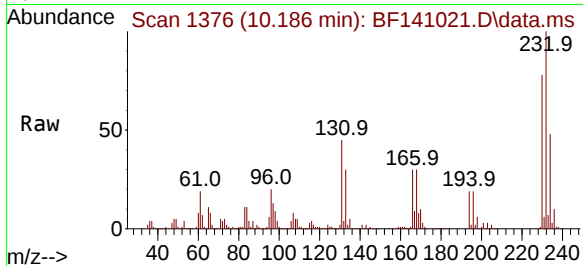




#59
2,3,4,6-Tetrachlorophenol
Concen: 55.943 ng
RT: 10.186 min Scan# 1375
Delta R.T. 0.006 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

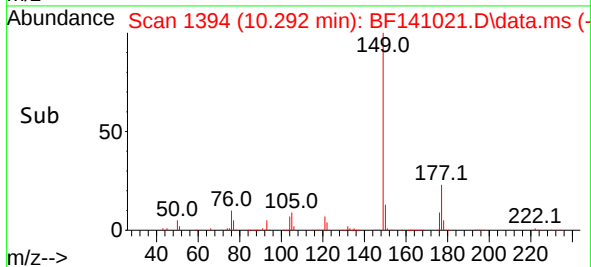
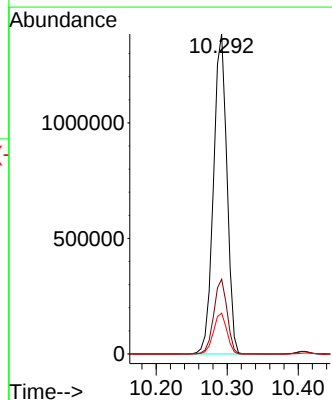
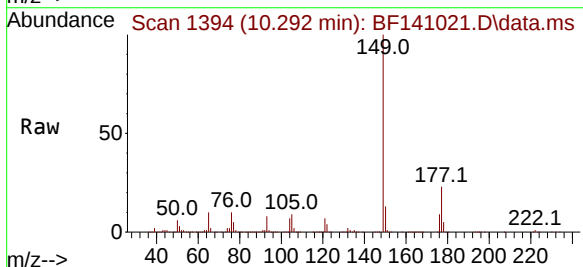
Instrument :
BNA_F
ClientSampleId :
PB165894BS

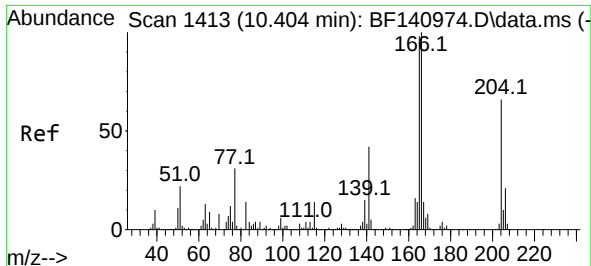
Tgt Ion:232 Resp: 489241
Ion Ratio Lower Upper
232 100
131 44.5 37.4 56.2
130 2.3 1.8 2.8
166 29.3 24.8 37.2



#60
Diethylphthalate
Concen: 49.607 ng
RT: 10.292 min Scan# 1394
Delta R.T. 0.006 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

Tgt Ion:149 Resp: 1815649
Ion Ratio Lower Upper
149 100
177 23.4 18.3 27.5
150 12.7 10.4 15.6

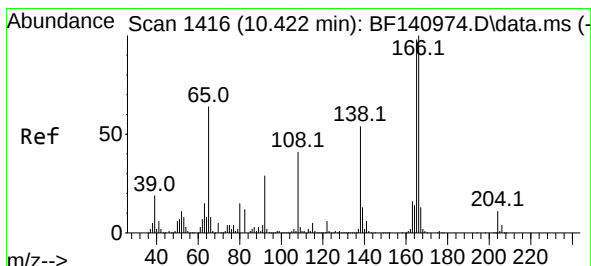
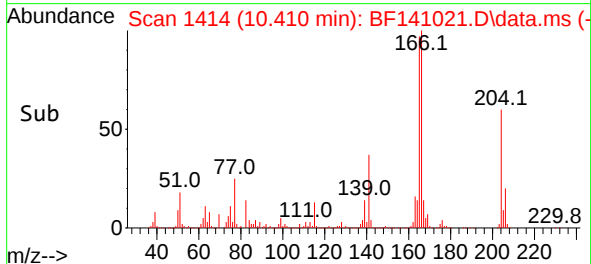
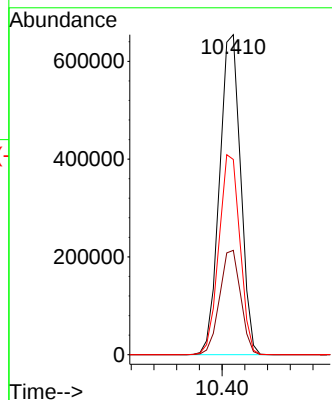
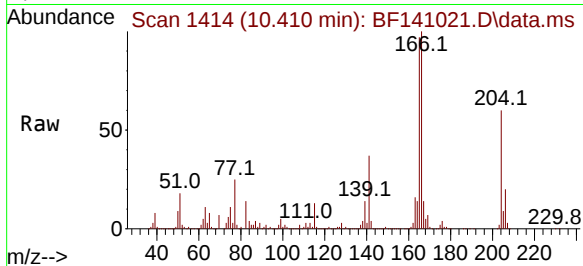




#61
4-Chlorophenyl-phenylether
Concen: 49.422 ng
RT: 10.410 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

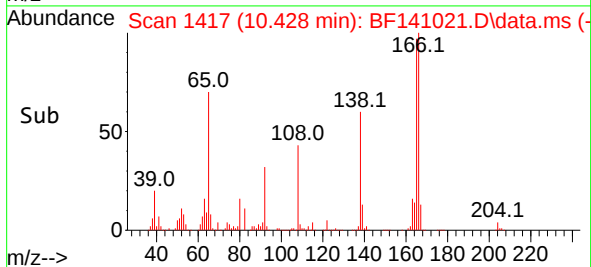
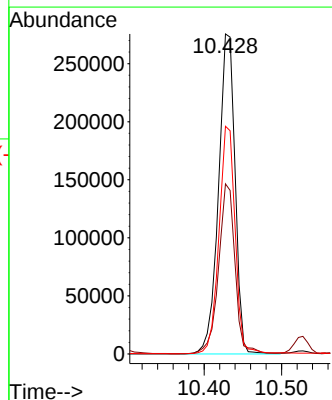
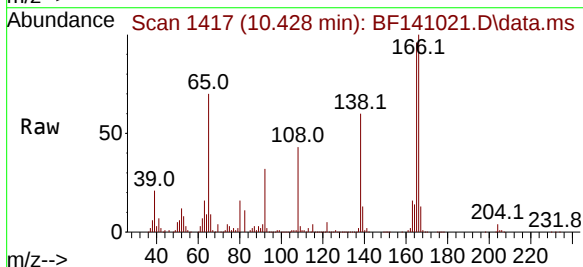
Instrument :
BNA_F
ClientSampleId :
PB165894BS

Tgt Ion:204 Resp: 844190
Ion Ratio Lower Upper
204 100
206 32.6 25.8 38.6
141 61.0 51.2 76.8



#62
4-Nitroaniline
Concen: 49.758 ng
RT: 10.428 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

Tgt Ion:138 Resp: 409804
Ion Ratio Lower Upper
138 100
92 53.2 34.8 74.8
108 71.2 55.9 95.9





#63

Azobenzene

Concen: 49.369 ng

RT: 10.569 min Scan# 1440

Delta R.T. 0.006 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

Instrument :

BNA_F

ClientSampleId :

PB165894BS

Tgt Ion: 77 Resp: 1896588

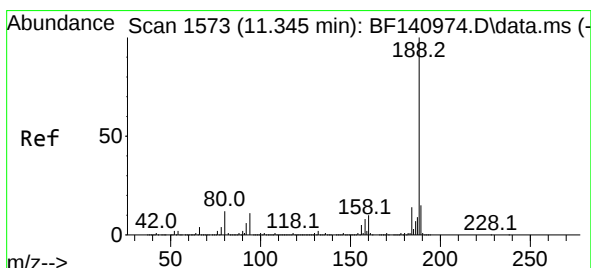
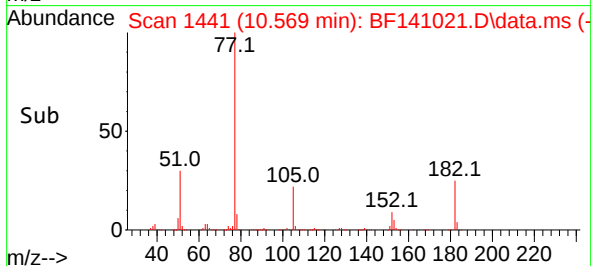
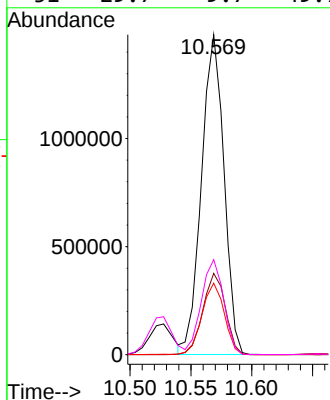
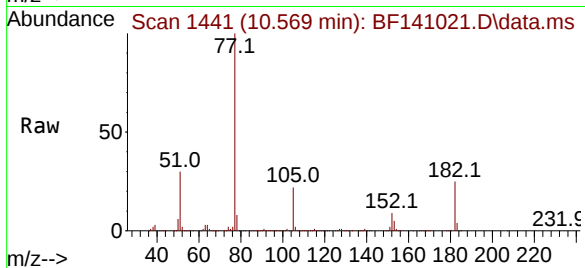
Ion Ratio Lower Upper

77 100

182 25.4 4.1 44.1

105 22.3 1.8 41.8

51 29.7 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: BF141021.D

Acq: 30 Dec 2024 10:17

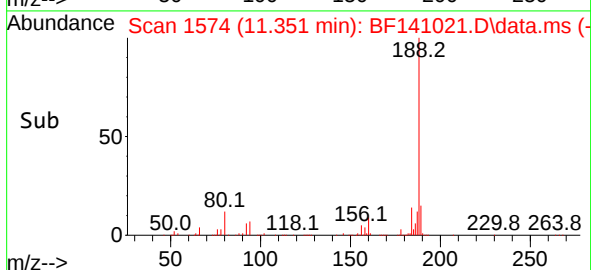
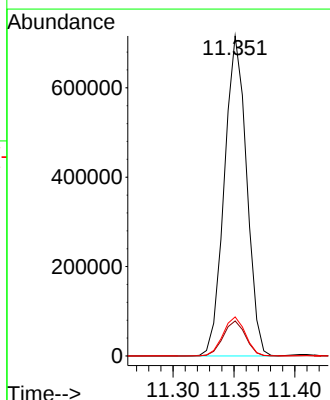
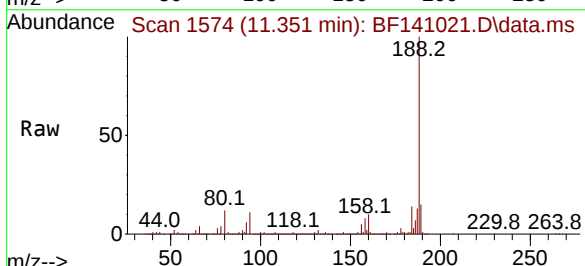
Tgt Ion: 188 Resp: 910683

Ion Ratio Lower Upper

188 100

94 11.0 9.0 13.6

80 12.2 9.8 14.6

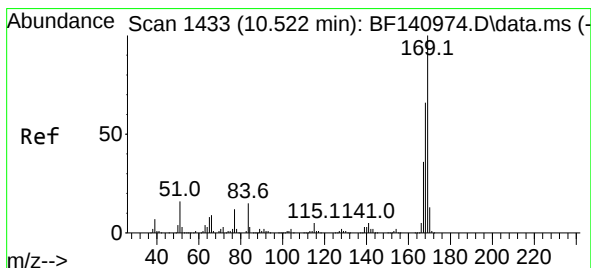
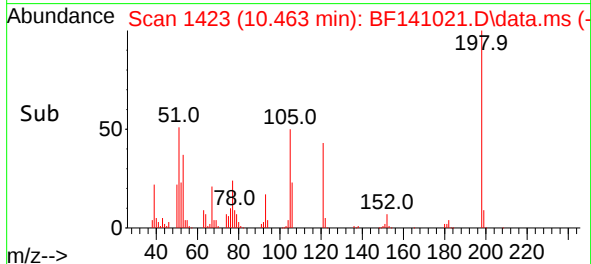
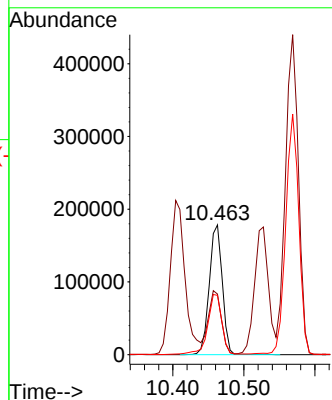
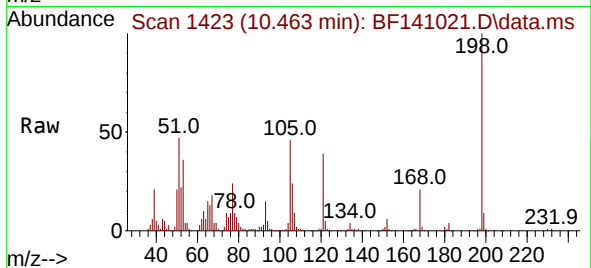




#65
4,6-Dinitro-2-methylphenol
Concen: 59.869 ng
RT: 10.463 min Scan# 1421
Delta R.T. 0.012 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

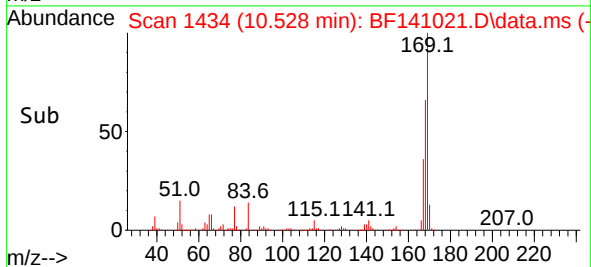
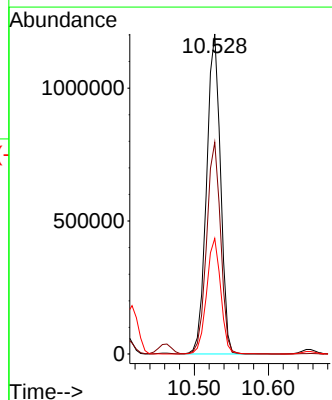
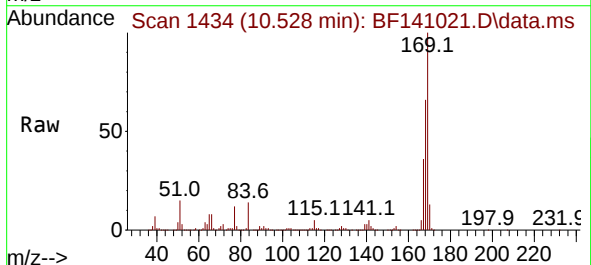
Instrument :
BNA_F
ClientSampleId :
PB165894BS

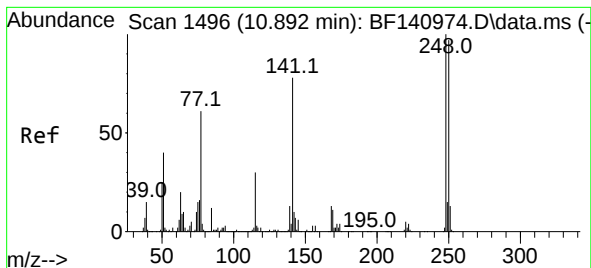
Tgt Ion:198 Resp: 227800
Ion Ratio Lower Upper
198 100
51 46.7 32.3 72.3
105 45.7 28.4 68.4



#66
n-Nitrosodiphenylamine
Concen: 54.689 ng
RT: 10.528 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

Tgt Ion:169 Resp: 1568332
Ion Ratio Lower Upper
169 100
168 66.1 52.6 79.0
167 36.1 29.0 43.4

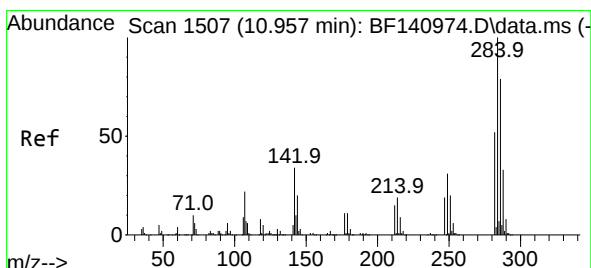
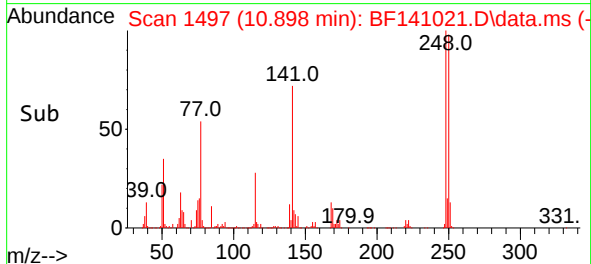
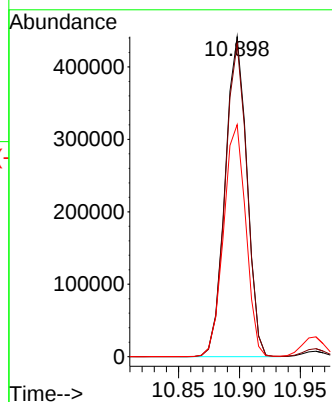
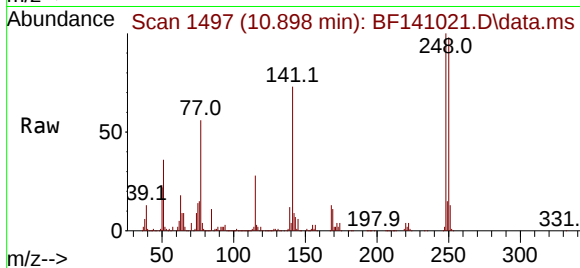




#67
4-Bromophenyl-phenylether
Concen: 55.913 ng
RT: 10.898 min Scan# 1496
Delta R.T. 0.006 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

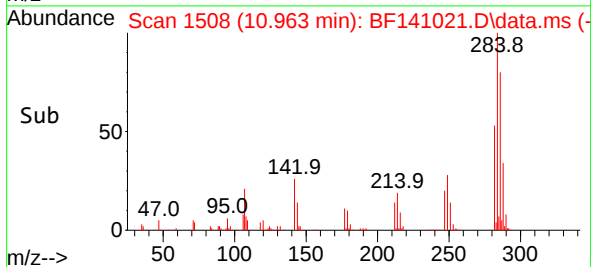
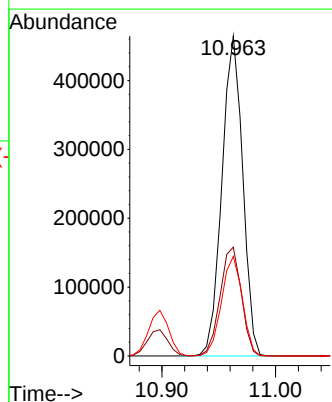
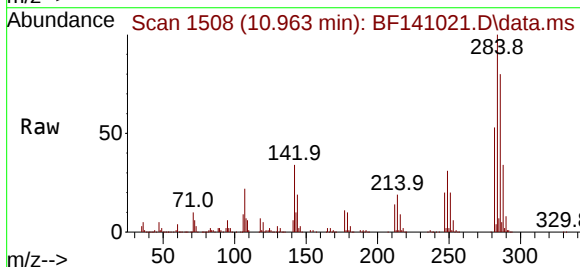
Instrument :
BNA_F
ClientSampleId :
PB165894BS

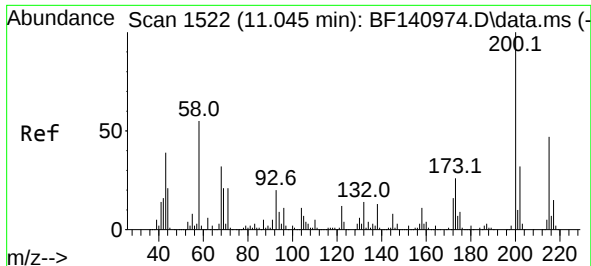
Tgt Ion:248 Resp: 550440
Ion Ratio Lower Upper
248 100
250 97.8 77.7 116.5
141 72.5 62.1 93.1



#68
Hexachlorobenzene
Concen: 54.336 ng
RT: 10.963 min Scan# 1508
Delta R.T. 0.006 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

Tgt Ion:284 Resp: 589836
Ion Ratio Lower Upper
284 100
142 34.0 27.1 40.7
249 31.1 25.1 37.7

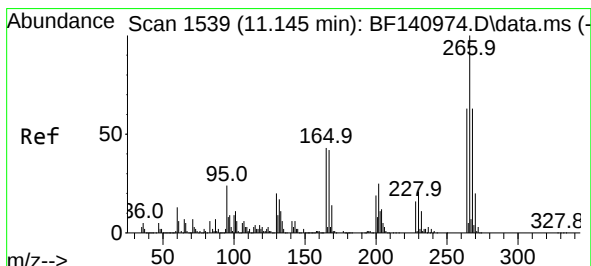
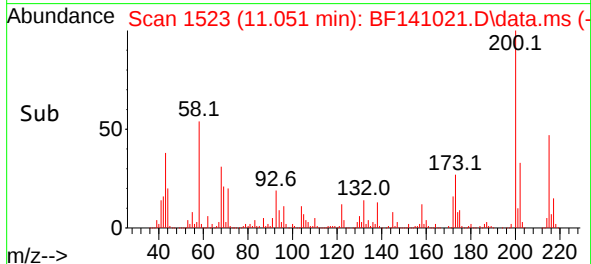
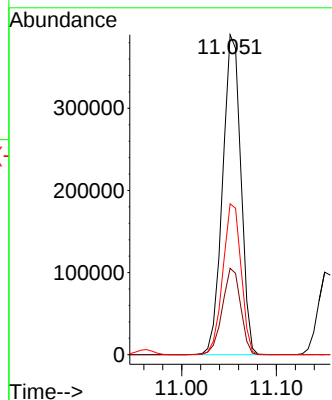
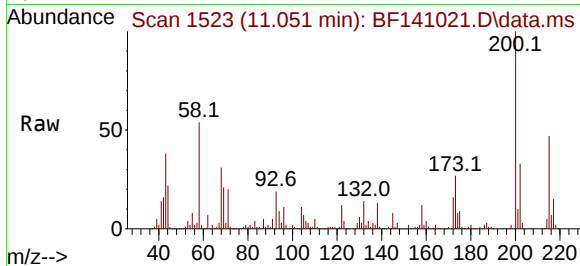




#69
 Atrazine
 Concen: 65.171 ng
 RT: 11.051 min Scan# 1523
 Delta R.T. 0.006 min
 Lab File: BF141021.D
 Acq: 30 Dec 2024 10:17

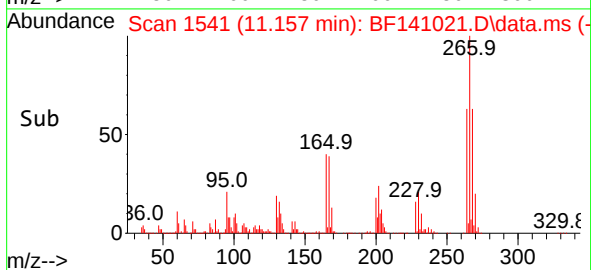
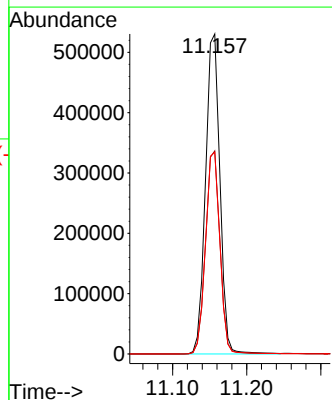
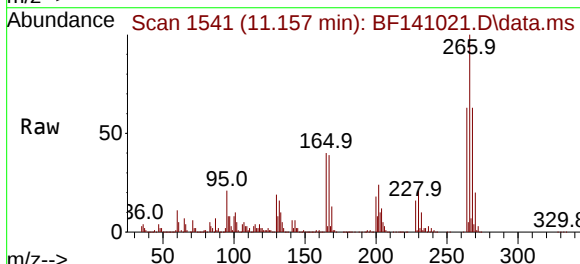
Instrument :
 BNA_F
 ClientSampleId :
 PB165894BS

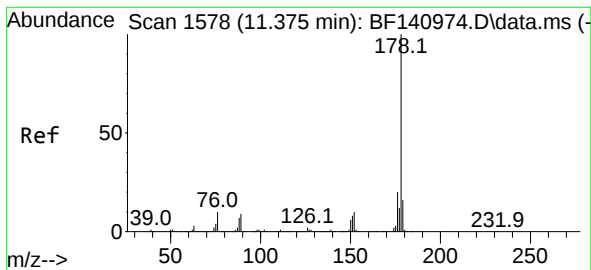
Tgt Ion:200 Resp: 522116
 Ion Ratio Lower Upper
 200 100
 173 27.0 6.4 46.4
 215 47.2 27.2 67.2



#70
 Pentachlorophenol
 Concen: 106.042 ng
 RT: 11.157 min Scan# 1541
 Delta R.T. 0.012 min
 Lab File: BF141021.D
 Acq: 30 Dec 2024 10:17

Tgt Ion:266 Resp: 716690
 Ion Ratio Lower Upper
 266 100
 268 63.4 50.5 75.7
 264 63.0 50.2 75.4





#71

Phenanthrene

Concen: 52.772 ng

RT: 11.375 min Scan# 1578

Delta R.T. 0.000 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

Instrument :

BNA_F

ClientSampleId :

PB165894BS

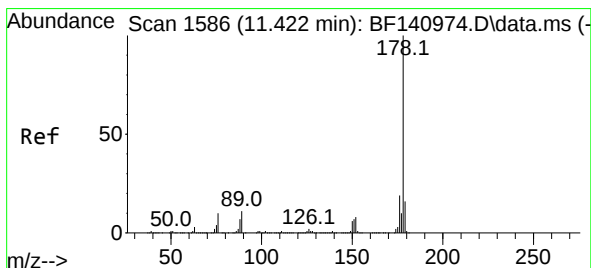
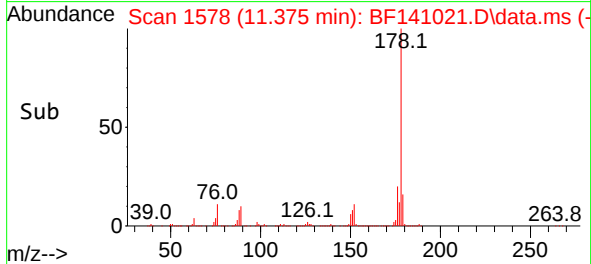
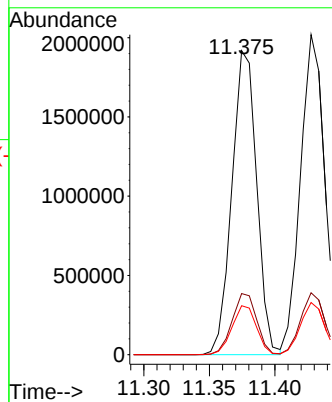
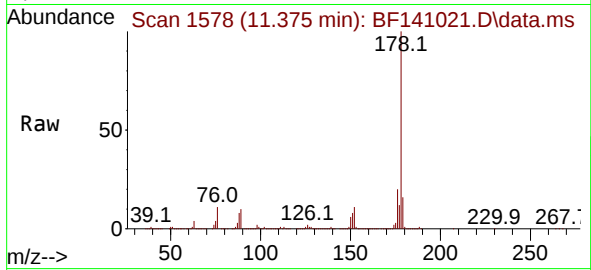
Tgt Ion:178 Resp: 2529378

Ion Ratio Lower Upper

178 100

176 20.1 15.8 23.6

179 16.1 12.6 19.0



#72

Anthracene

Concen: 54.684 ng

RT: 11.427 min Scan# 1587

Delta R.T. 0.006 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

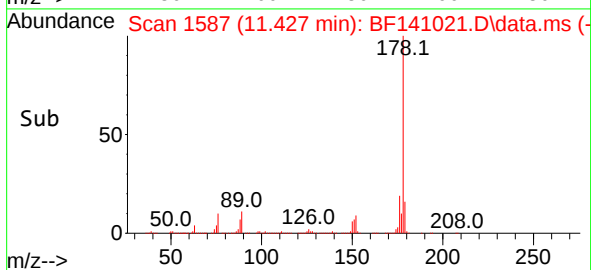
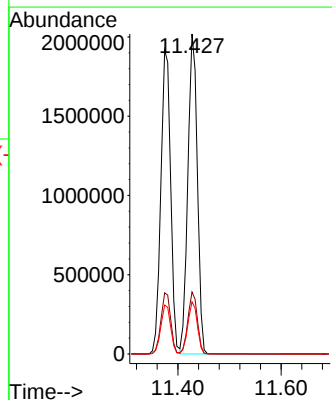
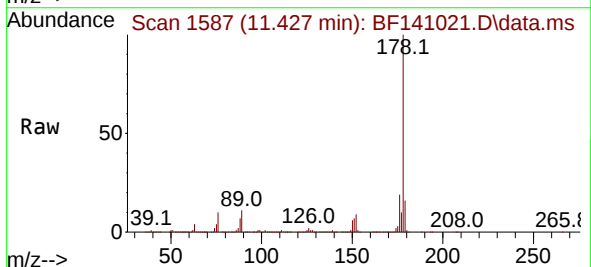
Tgt Ion:178 Resp: 2568255

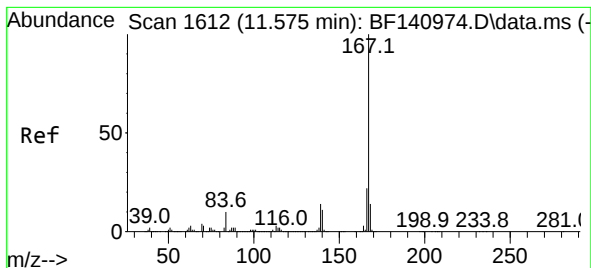
Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

179 16.3 12.9 19.3





#73

Carbazole

Concen: 49.754 ng

RT: 11.580 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

Instrument :

BNA_F

ClientSampleId :

PB165894BS

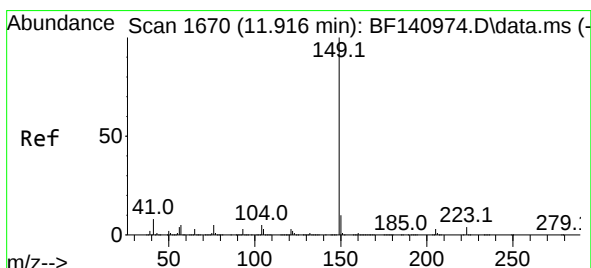
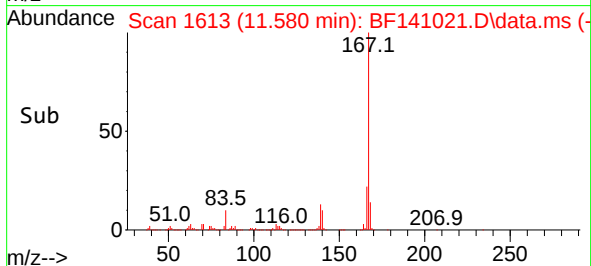
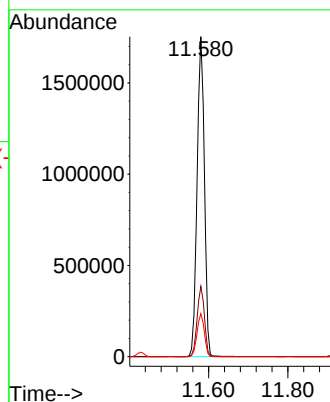
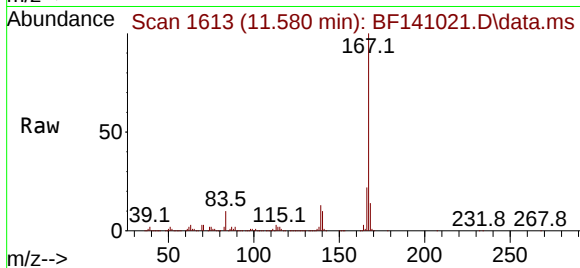
Tgt Ion:167 Resp: 2246352

Ion Ratio Lower Upper

167 100

166 22.0 17.5 26.3

139 13.4 11.0 16.4



#74

Di-n-butylphthalate

Concen: 51.005 ng

RT: 11.916 min Scan# 1670

Delta R.T. 0.000 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

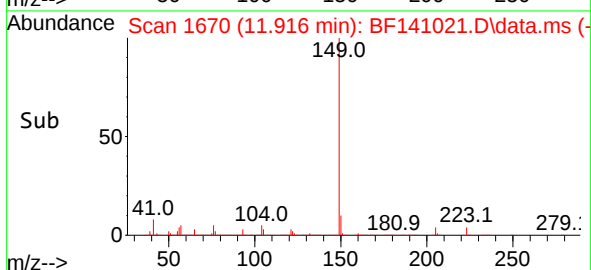
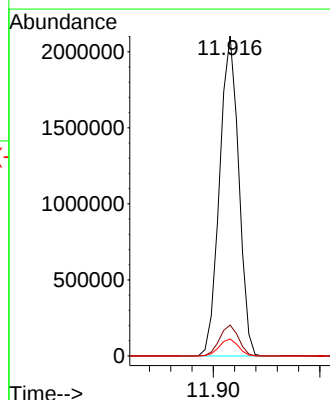
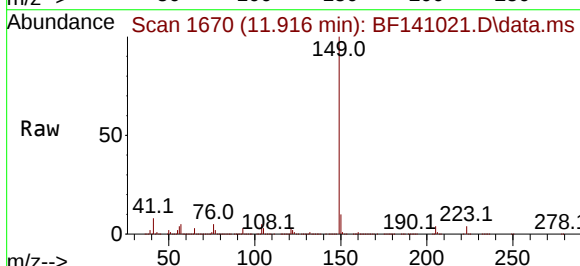
Tgt Ion:149 Resp: 2619214

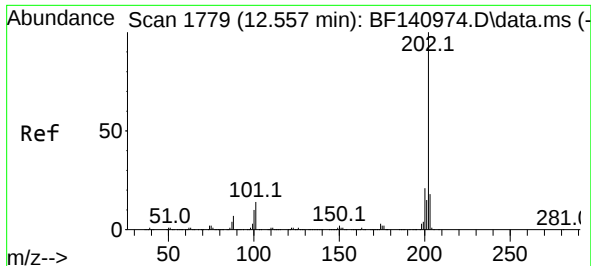
Ion Ratio Lower Upper

149 100

150 9.7 7.7 11.5

104 5.3 4.1 6.1

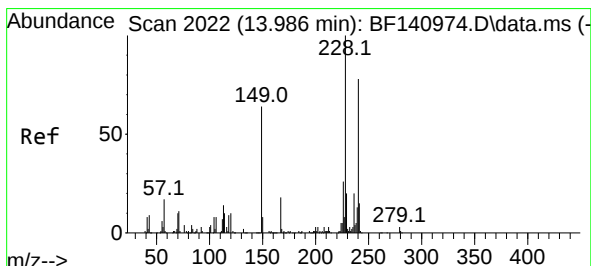
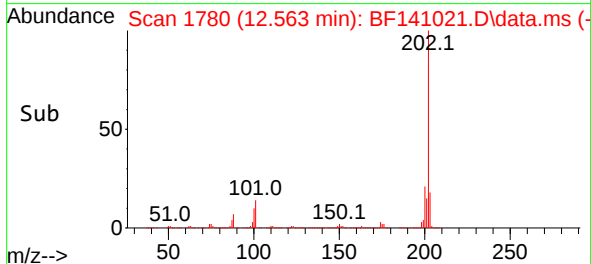
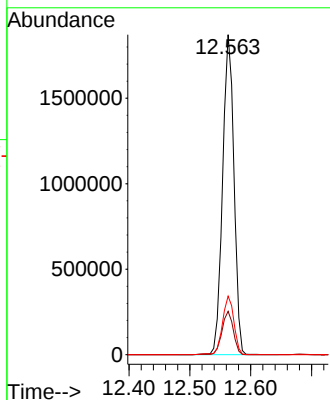
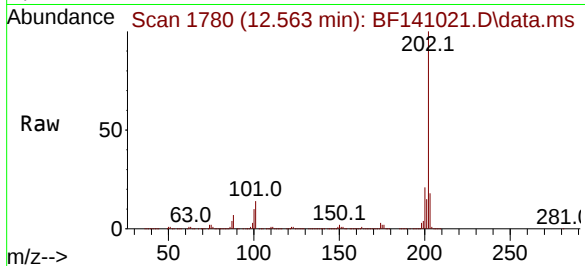




#75
Fluoranthene
Concen: 46.658 ng
RT: 12.563 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

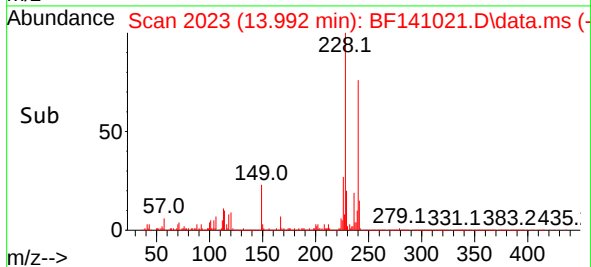
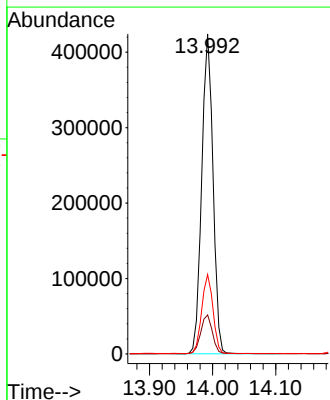
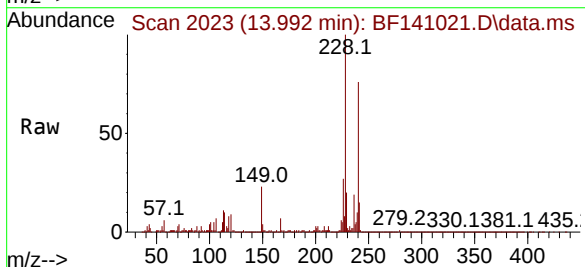
Instrument :
BNA_F
ClientSampleId :
PB165894BS

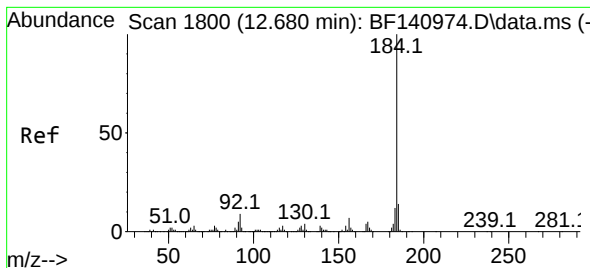
Tgt Ion:202 Resp: 2425427
Ion Ratio Lower Upper
202 100
101 13.5 0.0 33.7
203 18.3 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.006 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

Tgt Ion:240 Resp: 524973
Ion Ratio Lower Upper
240 100
120 12.2 10.7 16.1
236 24.8 20.6 31.0





#77

Benzidine

Concen: 60.573 ng

RT: 12.680 min Scan# 1800

Delta R.T. 0.000 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

Instrument :

BNA_F

ClientSampleId :

PB165894BS

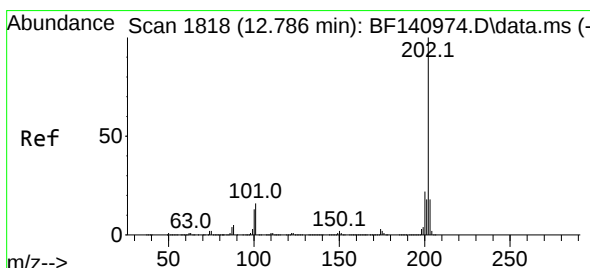
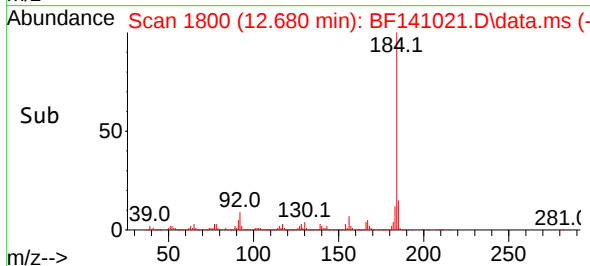
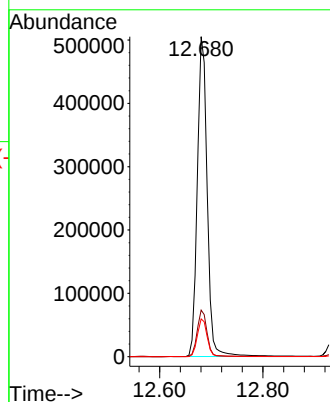
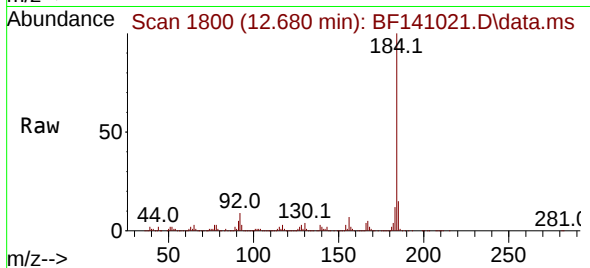
Tgt Ion:184 Resp: 672047

Ion Ratio Lower Upper

184 100

185 14.6 11.4 17.2

183 11.8 9.4 14.0



#78

Pyrene

Concen: 53.448 ng

RT: 12.792 min Scan# 1819

Delta R.T. 0.006 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

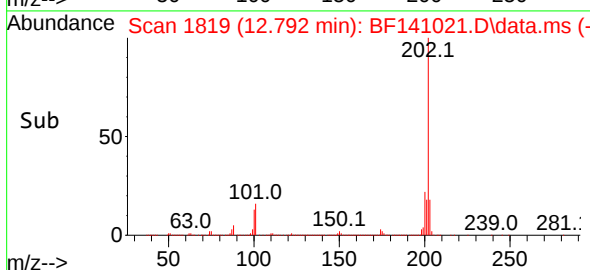
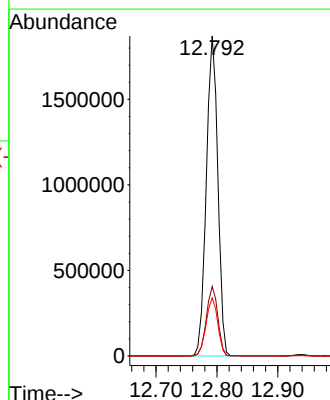
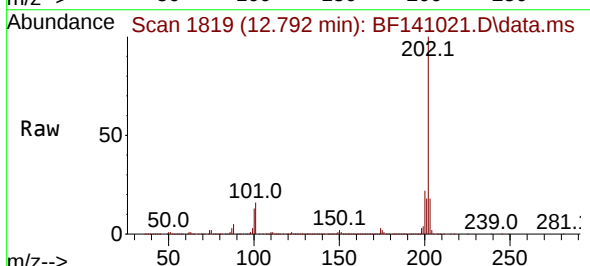
Tgt Ion:202 Resp: 2453948

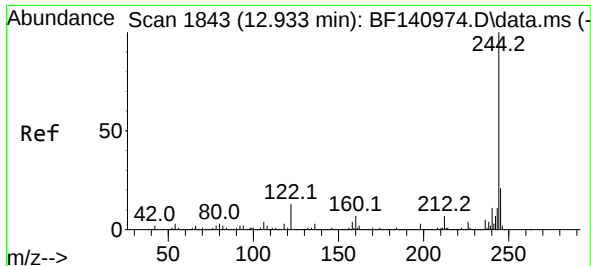
Ion Ratio Lower Upper

202 100

200 21.7 17.3 25.9

203 18.1 14.6 21.8

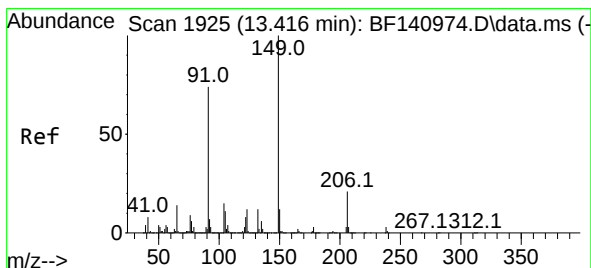
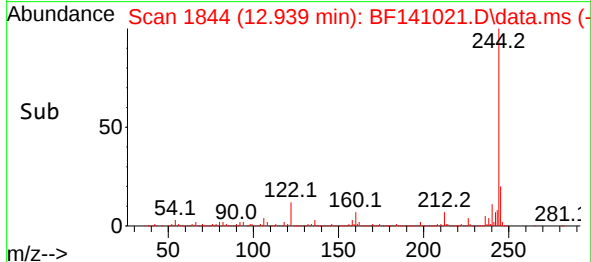
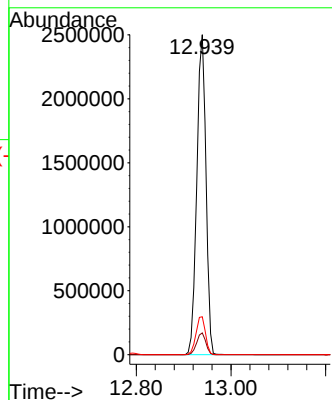
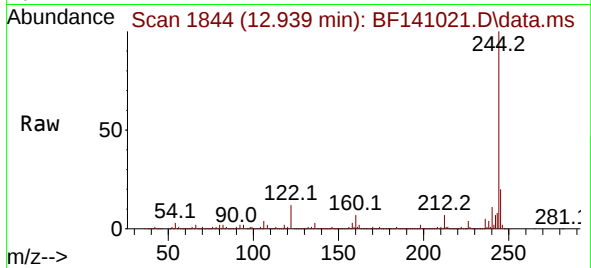




#79
Terphenyl-d14
Concen: 106.188 ng
RT: 12.939 min Scan# 1843
Delta R.T. 0.006 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

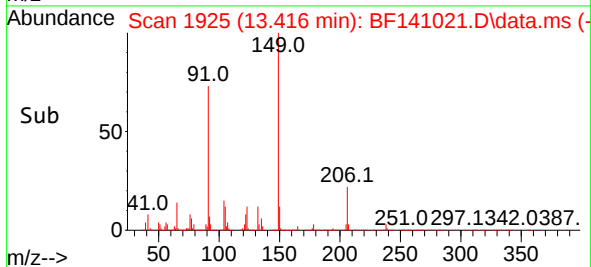
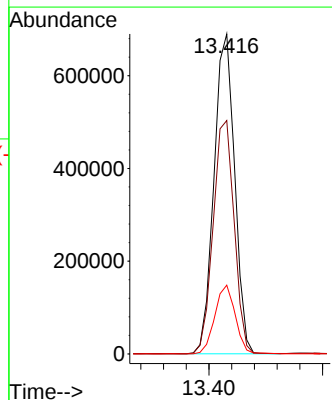
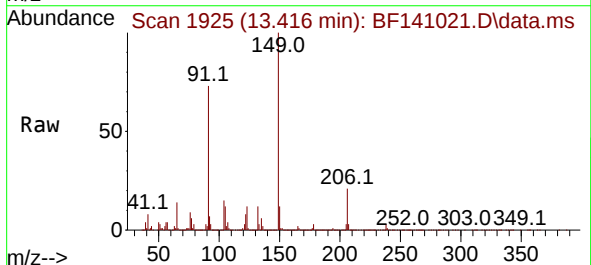
Instrument :
BNA_F
ClientSampleId :
PB165894BS

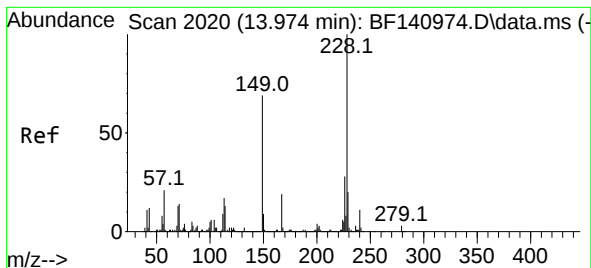
Tgt Ion:244 Resp: 3356168
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 11.9 10.2 15.2



#80
Butylbenzylphthalate
Concen: 51.860 ng
RT: 13.416 min Scan# 1925
Delta R.T. 0.000 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

Tgt Ion:149 Resp: 869442
Ion Ratio Lower Upper
149 100
91 72.9 59.5 89.3
206 21.5 17.1 25.7





#81

Benzo(a)anthracene

Concen: 47.784 ng

RT: 13.980 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

Instrument :

BNA_F

ClientSampleId :

PB165894BS

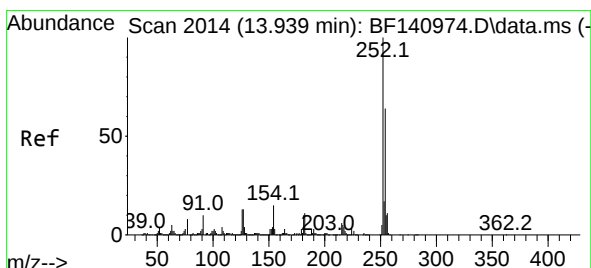
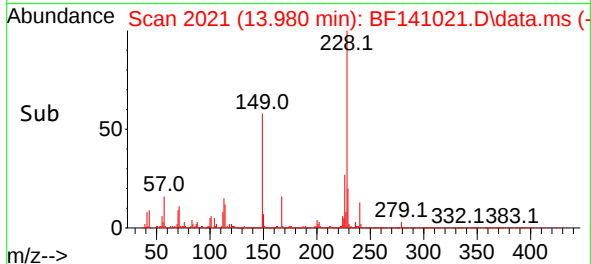
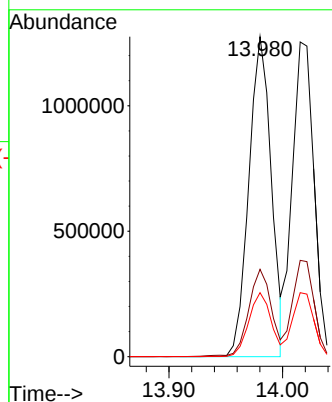
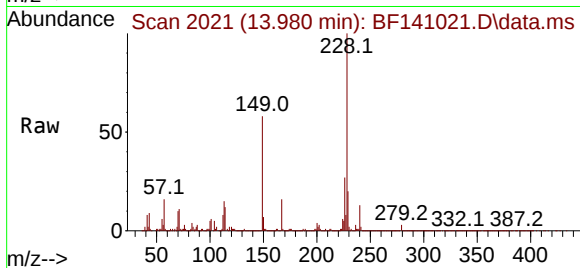
Tgt Ion:228 Resp: 1748285

Ion Ratio Lower Upper

228 100

226 27.3 22.1 33.1

229 20.0 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 36.249 ng

RT: 13.945 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

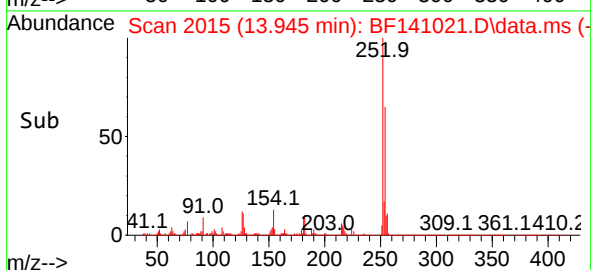
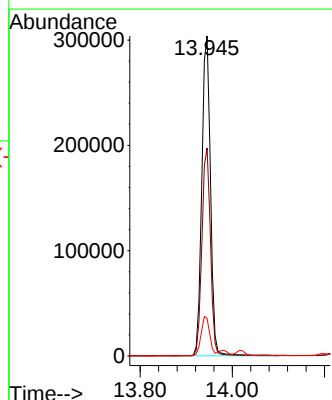
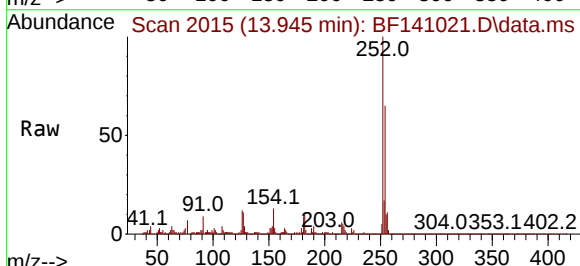
Tgt Ion:252 Resp: 398466

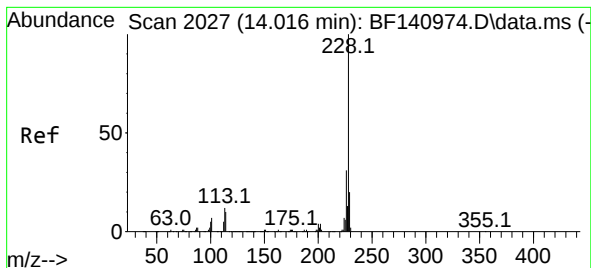
Ion Ratio Lower Upper

252 100

254 65.0 51.5 77.3

126 11.7 10.3 15.5





#83

Chrysene

Concen: 50.481 ng

RT: 14.016 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

Instrument :

BNA_F

ClientSampleId :

PB165894BS

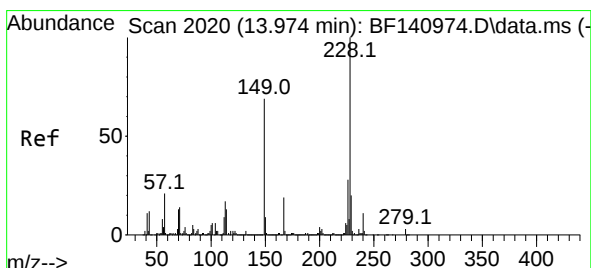
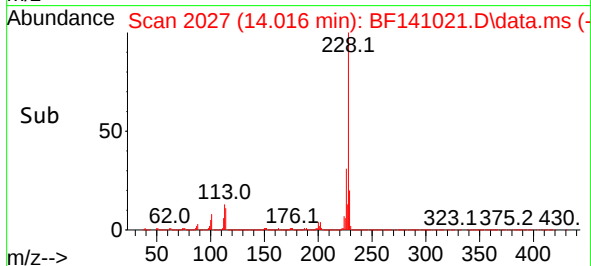
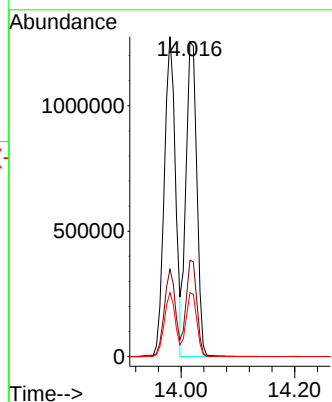
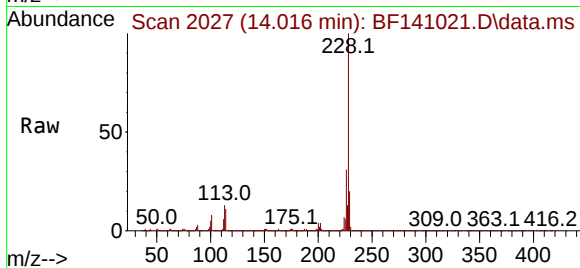
Tgt Ion:228 Resp: 1664973

Ion Ratio Lower Upper

228 100

226 30.6 24.5 36.7

229 20.4 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.005 ng

RT: 13.974 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

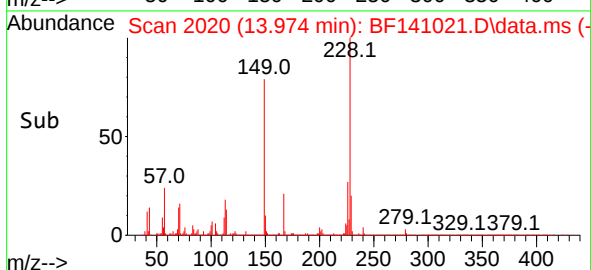
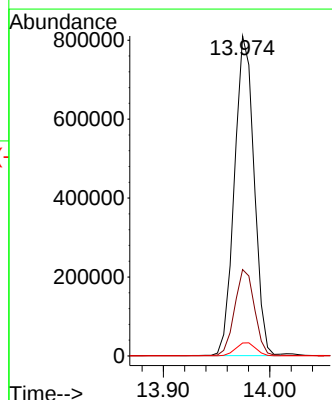
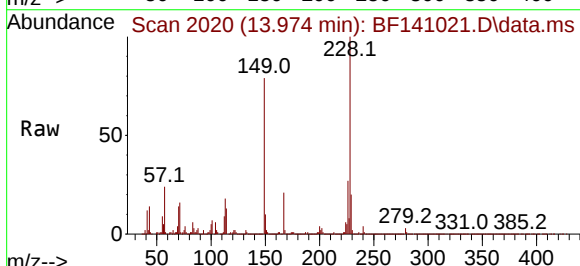
Tgt Ion:149 Resp: 1043963

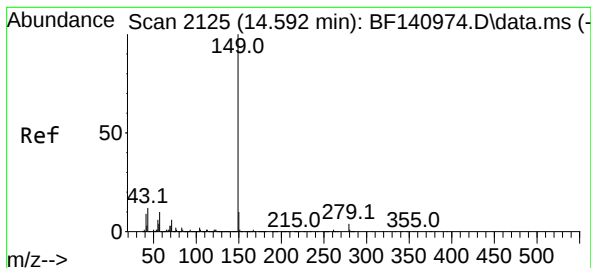
Ion Ratio Lower Upper

149 100

167 27.0 21.6 32.4

279 4.0 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 54.375 ng

RT: 14.598 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

Instrument :

BNA_F

ClientSampleId :

PB165894BS

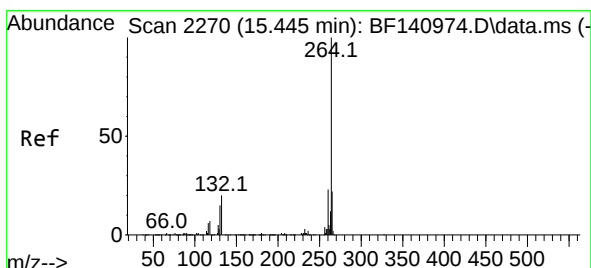
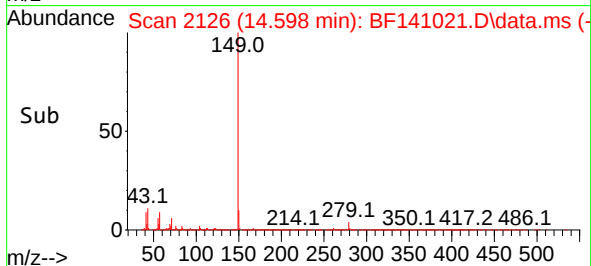
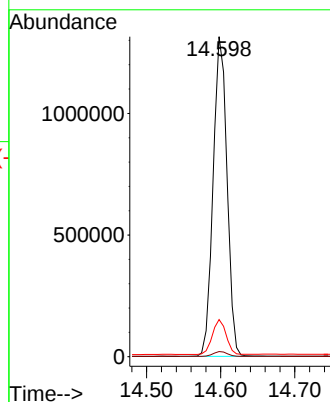
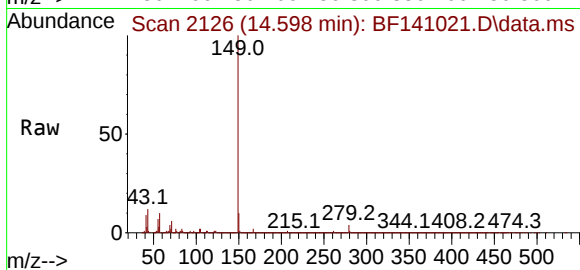
Tgt Ion:149 Resp: 1711465

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.8 9.3 13.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2272

Delta R.T. 0.012 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

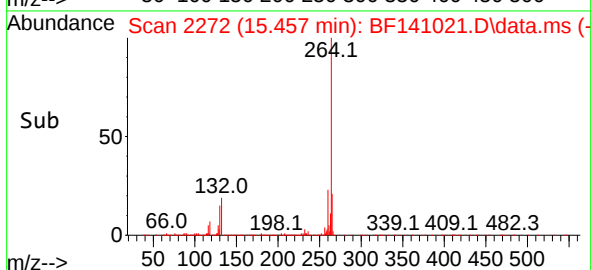
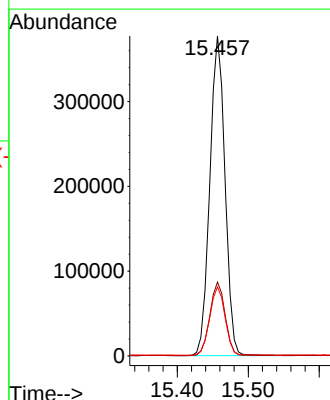
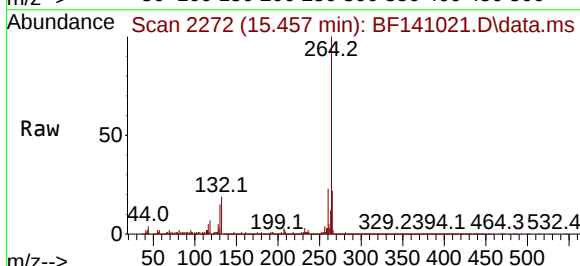
Tgt Ion:264 Resp: 559032

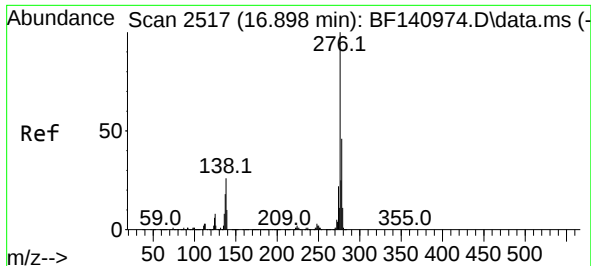
Ion Ratio Lower Upper

264 100

260 23.1 18.7 28.1

265 21.6 17.4 26.2

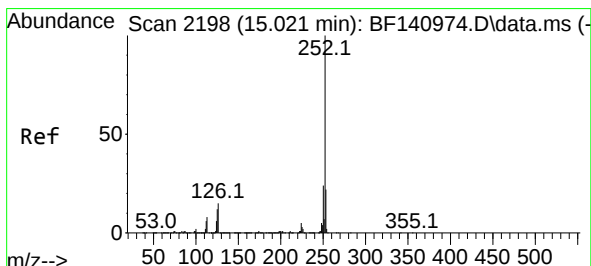
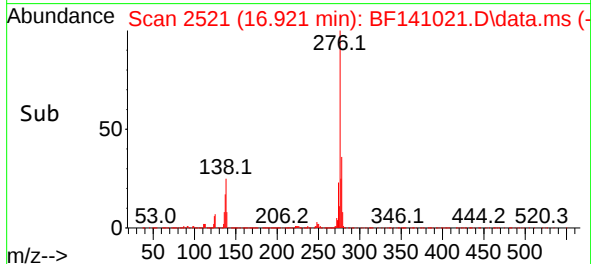
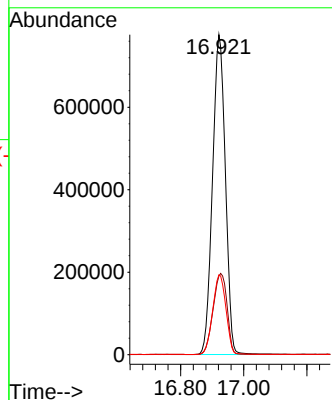
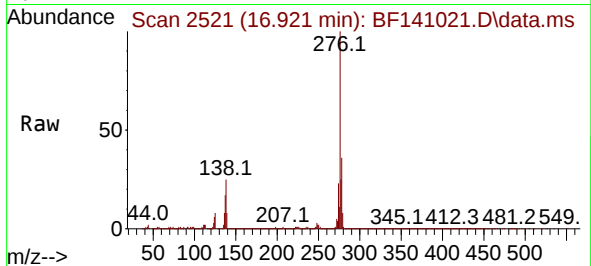




#87
Indeno(1,2,3-cd)pyrene
Concen: 62.116 ng
RT: 16.921 min Scan# 21
Delta R.T. 0.024 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

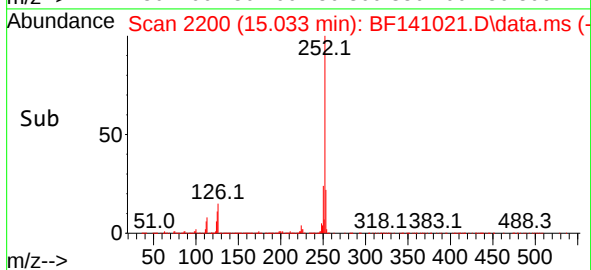
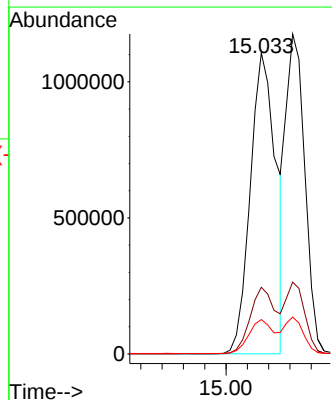
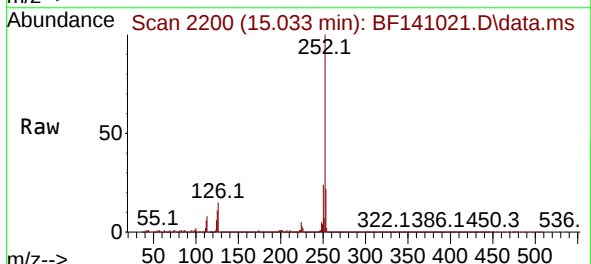
Instrument :
BNA_F
ClientSampleId :
PB165894BS

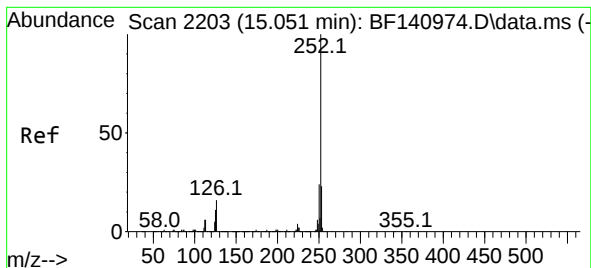
Tgt Ion:276 Resp: 2187757
Ion Ratio Lower Upper
276 100
138 27.5 23.1 34.7
277 25.6 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 47.248 ng
RT: 15.033 min Scan# 2200
Delta R.T. 0.012 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

Tgt Ion:252 Resp: 1842176
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 11.4 9.3 13.9





#89

Benzo(k)fluoranthene

Concen: 47.991 ng

RT: 15.063 min Scan# 2205

Delta R.T. 0.012 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

Instrument :

BNA_F

ClientSampleId :

PB165894BS

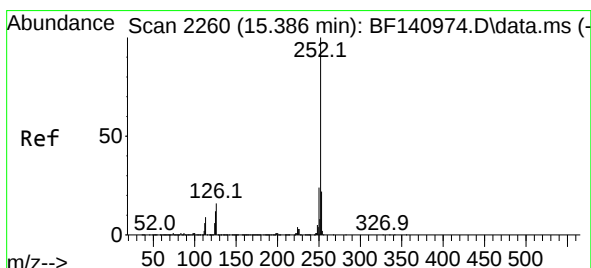
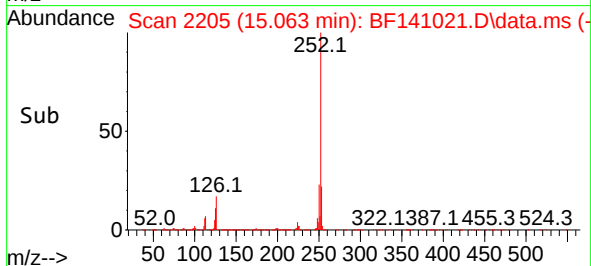
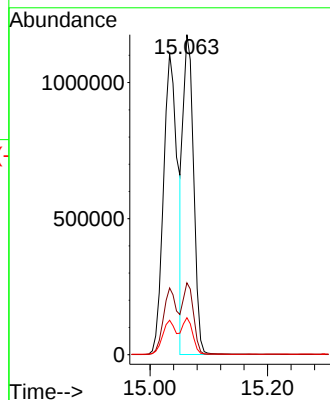
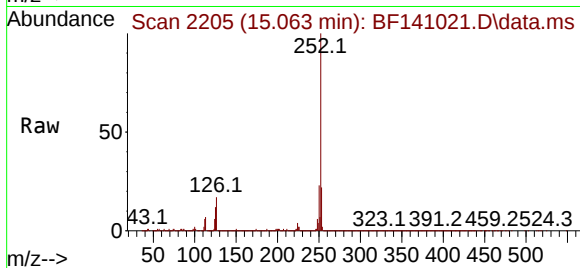
Tgt Ion:252 Resp: 1466521

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

125 11.6 9.4 14.0



#90

Benzo(a)pyrene

Concen: 53.768 ng

RT: 15.398 min Scan# 2262

Delta R.T. 0.012 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

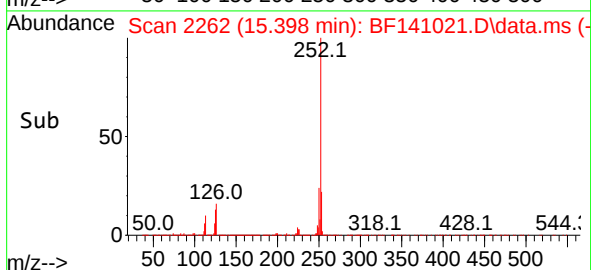
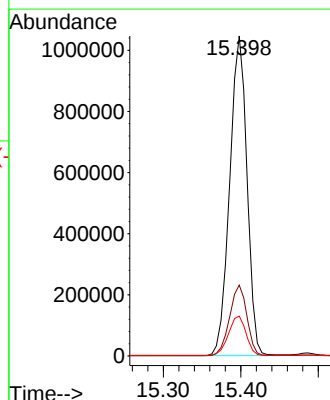
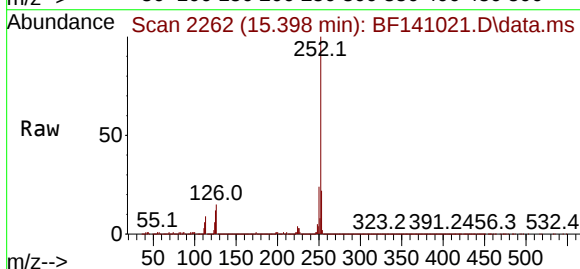
Tgt Ion:252 Resp: 1627162

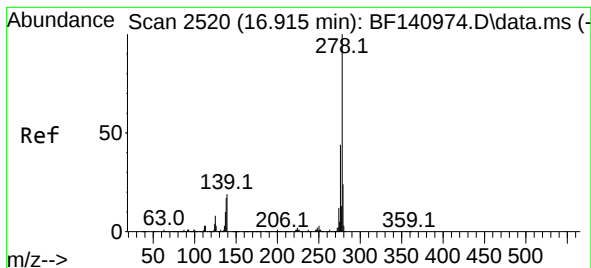
Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

125 12.4 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 61.023 ng

RT: 16.945 min Scan# 2520

Delta R.T. 0.029 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

Instrument :

BNA_F

ClientSampleId :

PB165894BS

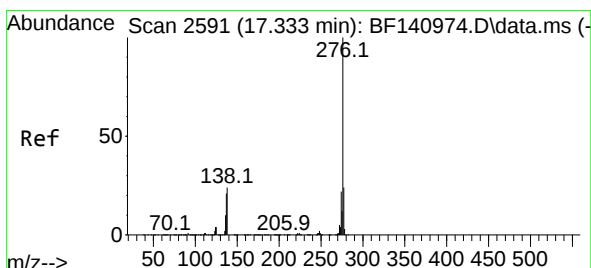
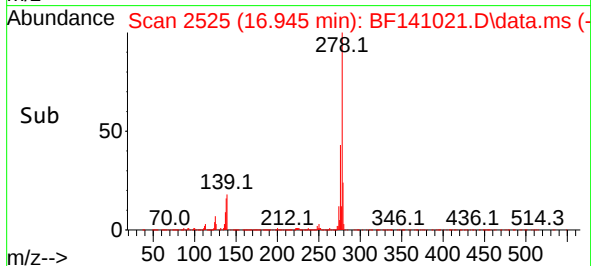
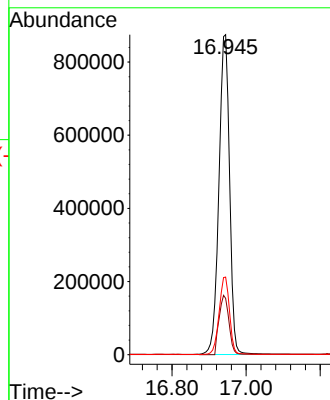
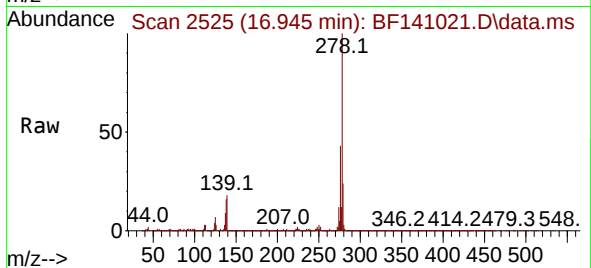
Tgt Ion:278 Resp: 1742189

Ion Ratio Lower Upper

278 100

139 17.6 14.9 22.3

279 24.3 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 57.115 ng

RT: 17.362 min Scan# 2596

Delta R.T. 0.029 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

Tgt Ion:276 Resp: 1691257

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.4

138 23.8 19.4 29.2

