

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010225\
 Data File : BF141060.D
 Acq On : 02 Jan 2025 10:52
 Operator : RC/JU
 Sample : PB165929BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165929BS

Quant Time: Jan 02 11:12:49 2025
 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	269303	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	1079743	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	577888	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	969766	20.000	ng	0.00
76) Chrysene-d12	13.986	240	628691	20.000	ng	0.00
86) Perylene-d12	15.439	264	567225	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	2220214	124.273	ng	0.02
7) Phenol-d6	6.457	99	2812311	122.196	ng	0.00
23) Nitrobenzene-d5	7.392	82	1784921	105.762	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	869655	154.870	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	3067353	84.567	ng	0.00
79) Terphenyl-d14	12.933	244	3508410	92.692	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.663	88	301897	37.325	ng 99
3) Pyridine	3.404	79	817738	41.369	ng 98
4) n-Nitrosodimethylamine	3.351	42	442286	44.161	ng 98
6) Aniline	6.492	93	1000009	48.719	ng 99
8) 2-Chlorophenol	6.610	128	905429	48.069	ng 97
9) Benzaldehyde	6.375	77	159427	7.432	ng 98
10) Phenol	6.469	94	1133158	47.616	ng 94
11) bis(2-Chloroethyl)ether	6.563	93	855291	44.511	ng 99
12) 1,3-Dichlorobenzene	6.769	146	915105	44.022	ng 99
13) 1,4-Dichlorobenzene	6.845	146	930279	44.393	ng 99
14) 1,2-Dichlorobenzene	6.998	146	887752	45.436	ng 98
15) Benzyl Alcohol	6.969	79	784253	47.420	ng 99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1308320	45.022	ng 98
17) 2-Methylphenol	7.081	107	728374	46.546	ng 99
18) Hexachloroethane	7.339	117	340666	45.763	ng 99
19) n-Nitroso-di-n-propyla...	7.245	70	632273	44.843	ng 98
20) 3+4-Methylphenols	7.233	107	872349	44.052	ng # 83
22) Acetophenone	7.239	105	1156224	43.651	ng 98
24) Nitrobenzene	7.410	77	941742	49.938	ng 97
25) Isophorone	7.651	82	1706960	46.480	ng 100
26) 2-Nitrophenol	7.728	139	455425	57.723	ng 97
27) 2,4-Dimethylphenol	7.763	122	742125	55.293	ng 98
28) bis(2-Chloroethoxy)met...	7.863	93	1036568	44.549	ng 100
29) 2,4-Dichlorophenol	7.963	162	730473	47.987	ng 99
30) 1,2,4-Trichlorobenzene	8.051	180	751365	43.610	ng 99
31) Naphthalene	8.133	128	2525605	44.390	ng 100
32) Benzoic acid	7.880	122	575412	51.439	ng 98
33) 4-Chloroaniline	8.175	127	501716	24.375	ng 99
34) Hexachlorobutadiene	8.251	225	459093	45.199	ng 99
35) Caprolactam	8.545	113	142289	27.496	ng 99
36) 4-Chloro-3-methylphenol	8.657	107	790939	46.787	ng 98
37) 2-Methylnaphthalene	8.822	142	1646890	45.246	ng 99
38) 1-Methylnaphthalene	8.922	142	1533142	42.859	ng 99
40) 1,2,4,5-Tetrachloroben...	8.986	216	726171	45.676	ng 99
41) Hexachlorocyclopentadiene	8.975	237	929424	176.410	ng 99
43) 2,4,6-Trichlorophenol	9.098	196	543678	51.381	ng 99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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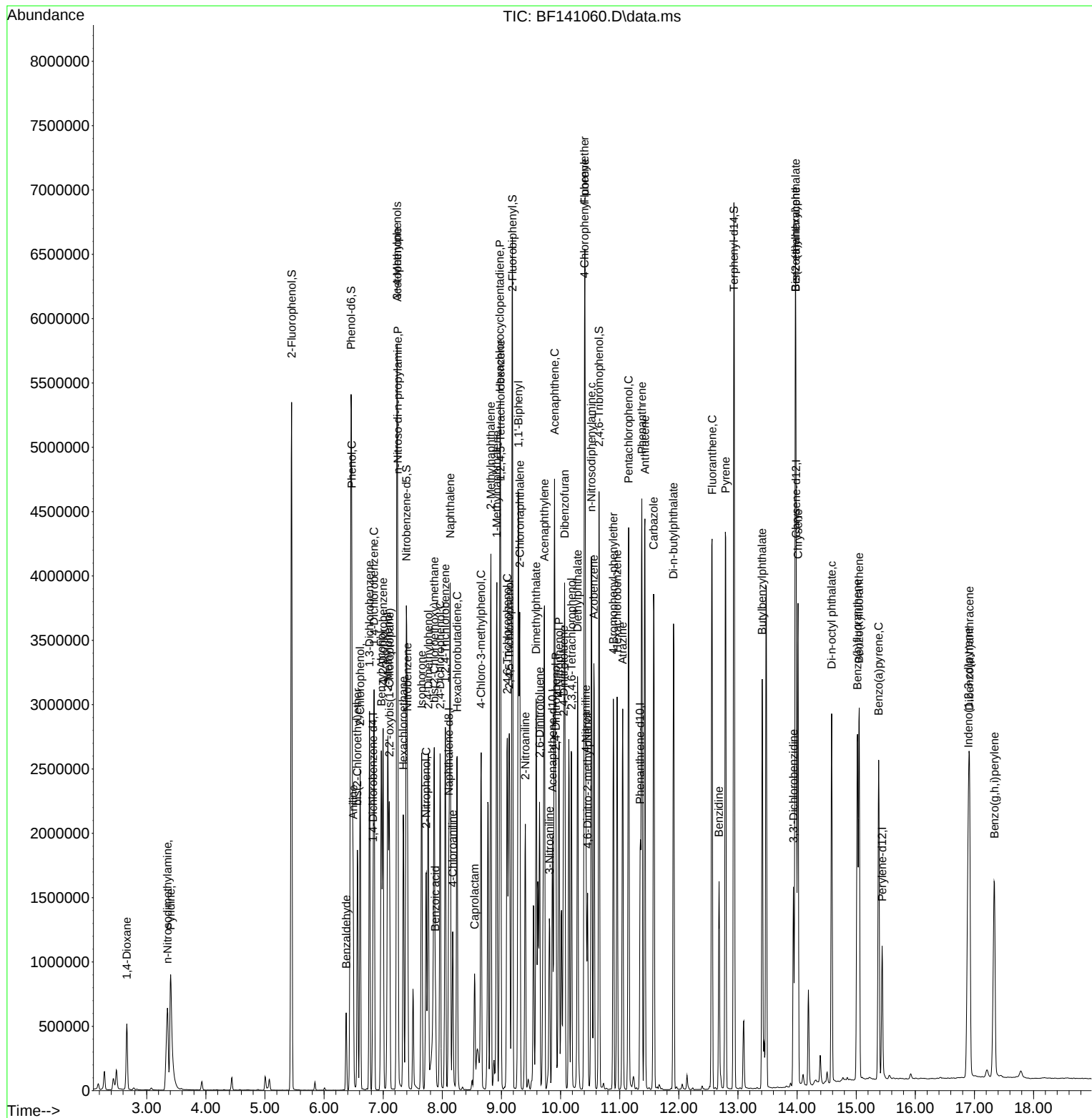
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	531190	49.063	ng	99
46) 1,1'-Biphenyl	9.286	154	1996227	45.114	ng	99
47) 2-Chloronaphthalene	9.310	162	1533573	44.687	ng	100
48) 2-Nitroaniline	9.404	65	491129	54.056	ng	93
49) Acenaphthylene	9.727	152	2376353	48.102	ng	99
50) Dimethylphthalate	9.586	163	1788383	47.048	ng	100
51) 2,6-Dinitrotoluene	9.645	165	407958	52.275	ng	96
52) Acenaphthene	9.898	154	1719890	51.496	ng	100
53) 3-Nitroaniline	9.810	138	299390	36.363	ng	# 95
54) 2,4-Dinitrophenol	9.922	184	423832	114.428	ng	# 1
55) Dibenzofuran	10.069	168	2133613	45.458	ng	100
56) 4-Nitrophenol	9.974	139	724724	111.459	ng	94
57) 2,4-Dinitrotoluene	10.051	165	554167	57.443	ng	95
58) Fluorene	10.410	166	1610424	44.247	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	474425	52.910	ng	97
60) Diethylphthalate	10.286	149	1730190	46.106	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	793735	45.322	ng	97
62) 4-Nitroaniline	10.427	138	433996	51.285	ng	95
63) Azobenzene	10.563	77	1769990	44.937	ng	99
65) 4,6-Dinitro-2-methylph...	10.457	198	284670	68.636	ng	94
66) n-Nitrosodiphenylamine	10.522	169	1493027	48.891	ng	100
67) 4-Bromophenyl-phenylether	10.892	248	531656	50.714	ng	99
68) Hexachlorobenzene	10.957	284	578968	50.086	ng	100
69) Atrazine	11.051	200	515592	60.436	ng	100
70) Pentachlorophenol	11.151	266	730998	101.569	ng	99
71) Phenanthrene	11.374	178	2463042	48.257	ng	100
72) Anthracene	11.427	178	2511020	50.208	ng	99
73) Carbazole	11.574	167	2249714	46.793	ng	100
74) Di-n-butylphthalate	11.910	149	2584495	47.262	ng	99
75) Fluoranthene	12.563	202	2524573	45.606	ng	99
77) Benzidine	12.680	184	860205	64.742	ng	100
78) Pyrene	12.792	202	2577934	46.885	ng	100
80) Butylbenzylphthalate	13.410	149	998024	49.708	ng	99
81) Benzo(a)anthracene	13.974	228	1994309	45.515	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	448761	34.089	ng	98
83) Chrysene	14.015	228	1742835	44.124	ng	100
84) Bis(2-ethylhexyl)phtha...	13.974	149	1190895	45.727	ng	99
85) Di-n-octyl phthalate	14.586	149	1855975	49.238	ng	98
87) Indeno(1,2,3-cd)pyrene	16.898	276	1926967	53.922	ng	97
88) Benzo(b)fluoranthene	15.021	252	1731021	43.756	ng	99
89) Benzo(k)fluoranthene	15.051	252	1576263	50.837	ng	99
90) Benzo(a)pyrene	15.380	252	1561084	50.840	ng	99
91) Dibenzo(a,h)anthracene	16.915	278	1536908	53.055	ng	99
92) Benzo(g,h,i)perylene	17.339	276	1470758	48.951	ng	98

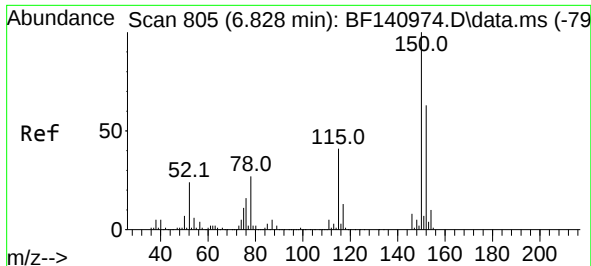
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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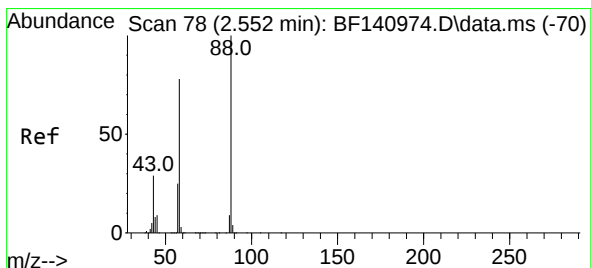
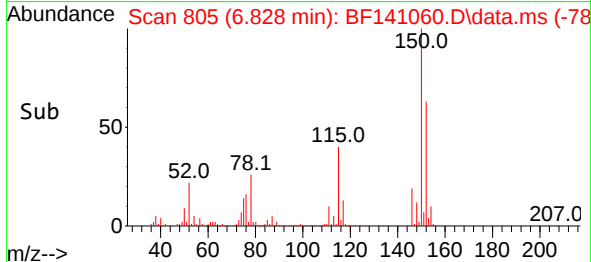
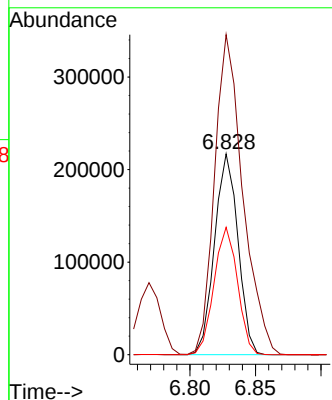
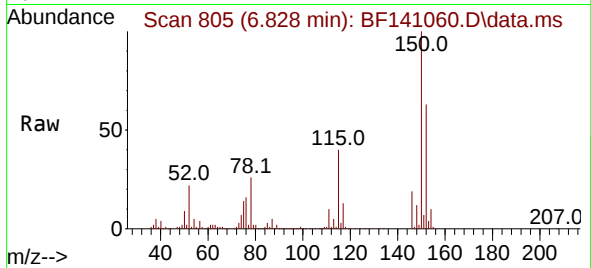




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF141060.D
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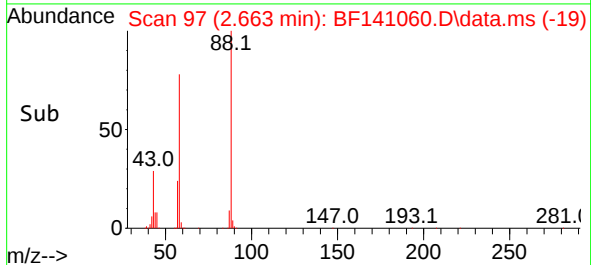
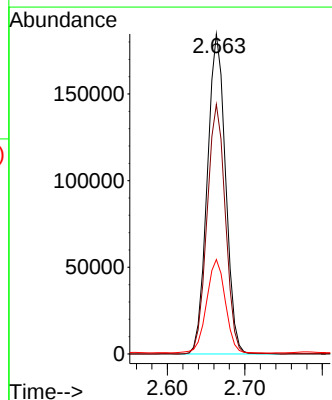
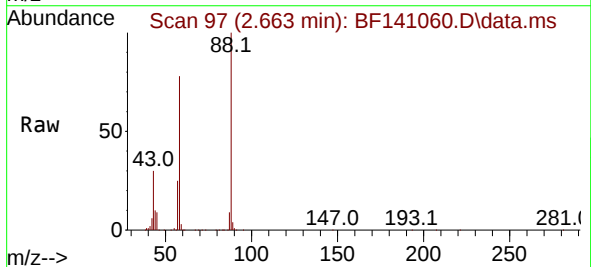
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 ClientSampleId :
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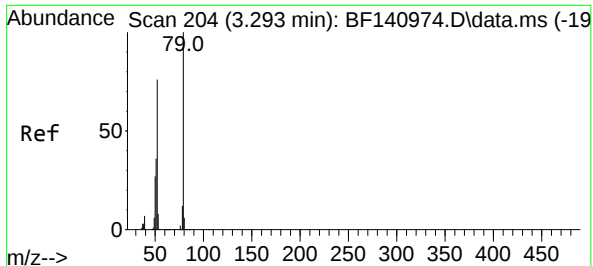
Tgt Ion:152 Resp: 269303
 Ion Ratio Lower Upper
 152 100
 150 159.4 127.0 190.6
 115 63.4 51.7 77.5



#2
 1,4-Dioxane
 Concen: 37.325 ng
 RT: 2.663 min Scan# 97
 Delta R.T. 0.112 min
 Lab File: BF141060.D
 Acq: 02 Jan 2025 10:52

Tgt Ion: 88 Resp: 301897
 Ion Ratio Lower Upper
 88 100
 58 78.4 63.0 94.4
 43 30.0 23.4 35.2





#3

Pyridine

Concen: 41.369 ng

RT: 3.404 min Scan# 214

Delta R.T. 0.112 min

Lab File: BF141060.D

Acq: 02 Jan 2025 10:52

Instrument :

BNA_F

ClientSampleId :

PB165929BS

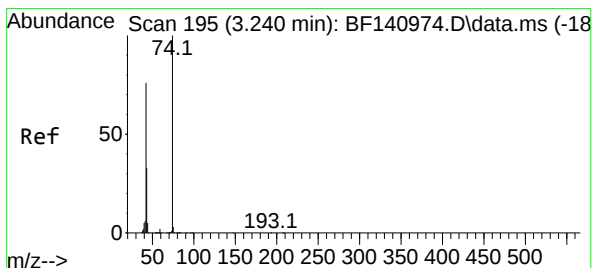
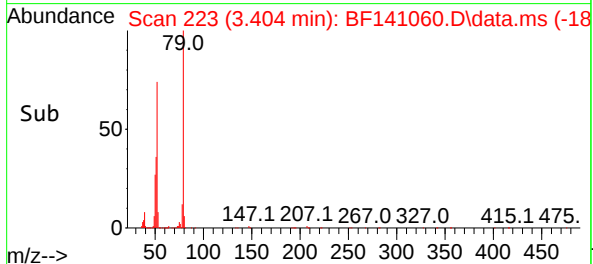
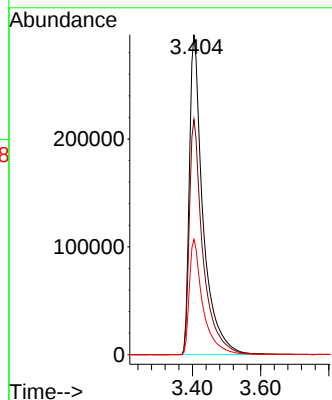
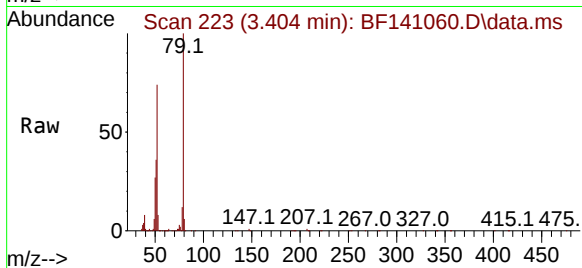
Tgt Ion: 79 Resp: 817738

Ion Ratio Lower Upper

79 100

52 73.5 60.4 90.6

51 36.0 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 44.161 ng

RT: 3.351 min Scan# 214

Delta R.T. 0.112 min

Lab File: BF141060.D

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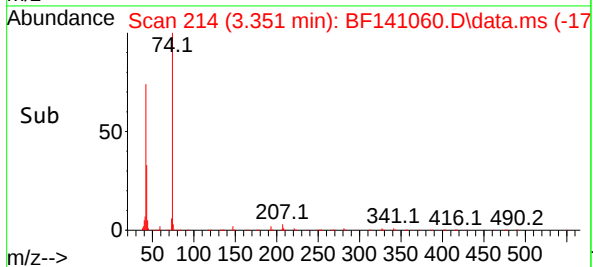
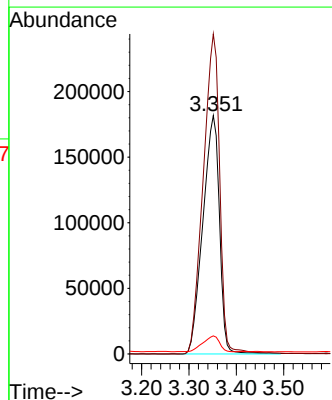
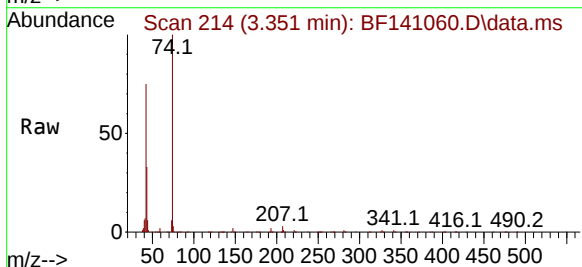
Tgt Ion: 42 Resp: 442286

Ion Ratio Lower Upper

42 100

74 134.2 105.8 158.6

44 7.6 6.6 10.0

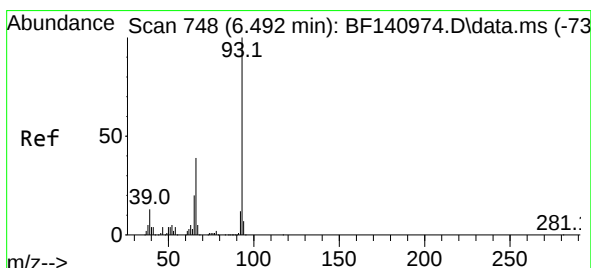
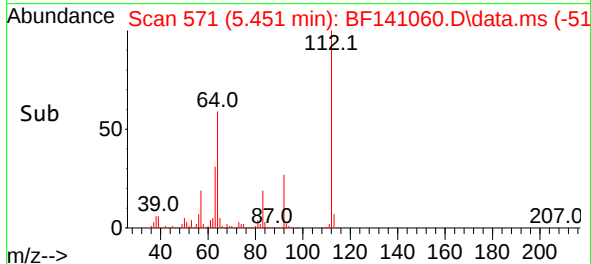
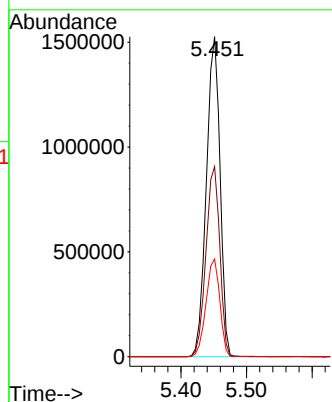
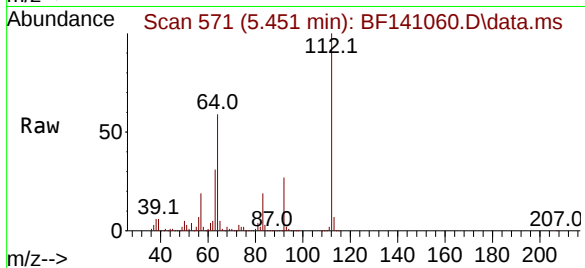




#5
2-Fluorophenol
Concen: 124.273 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF141060.D
Acq: 02 Jan 2025 10:52

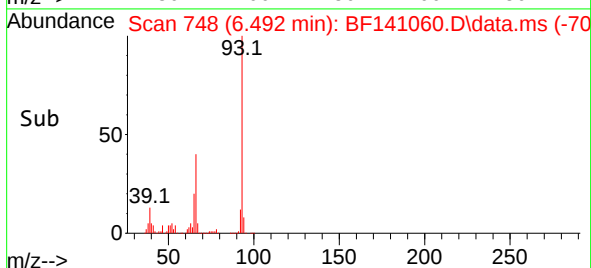
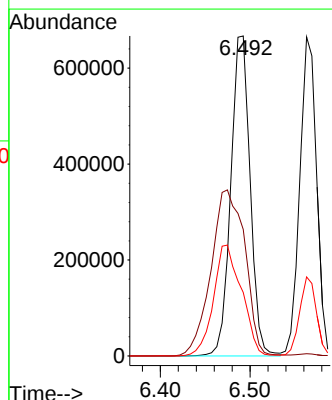
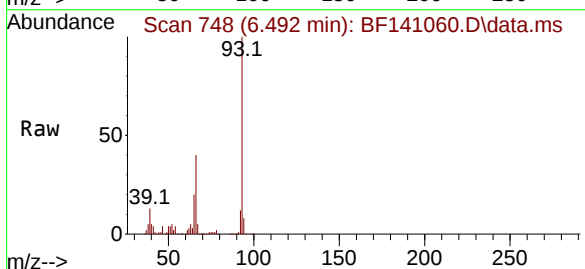
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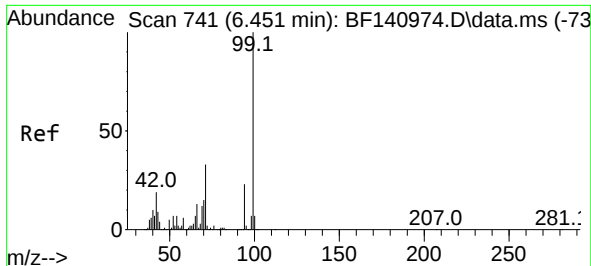
Tgt Ion:112 Resp: 2220214
Ion Ratio Lower Upper
112 100
64 59.4 47.7 71.5
63 30.6 24.2 36.2



#6
Aniline
Concen: 48.719 ng
RT: 6.492 min Scan# 748
Delta R.T. -0.018 min
Lab File: BF141060.D
Acq: 02 Jan 2025 10:52

Tgt Ion: 93 Resp: 1000009
Ion Ratio Lower Upper
93 100
66 39.5 31.8 47.8
65 19.8 15.4 23.0

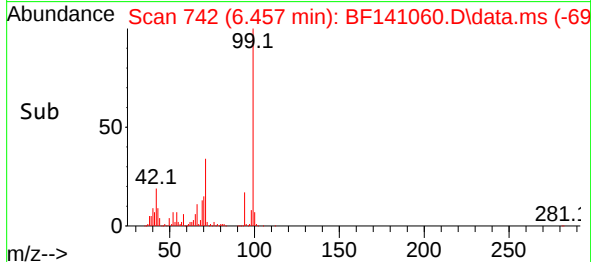
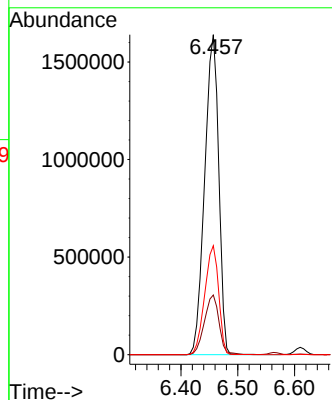
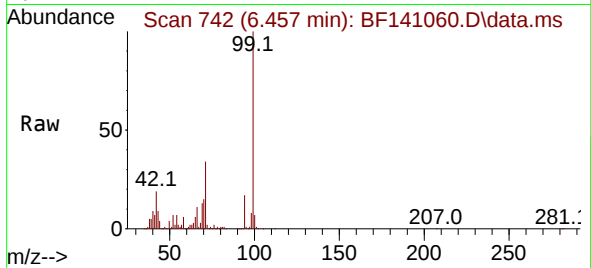




#7
Phenol-d6
Concen: 122.196 ng
RT: 6.457 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF141060.D
Acq: 02 Jan 2025 10:52

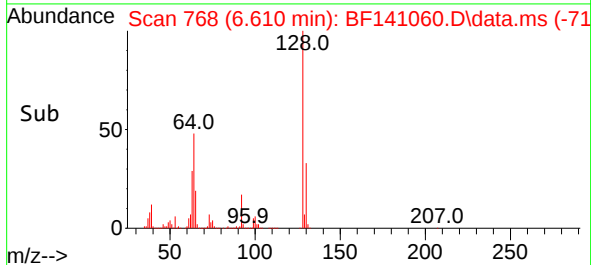
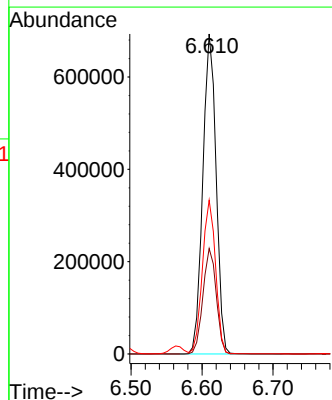
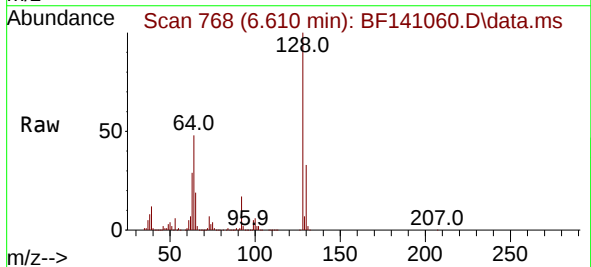
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Tgt Ion: 99 Resp: 2812311
Ion Ratio Lower Upper
99 100
42 18.7 15.0 22.4
71 34.1 26.2 39.2



#8
2-Chlorophenol
Concen: 48.069 ng
RT: 6.610 min Scan# 768
Delta R.T. -0.000 min
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Acq: 02 Jan 2025 10:52

Tgt Ion:128 Resp: 905429
Ion Ratio Lower Upper
128 100
130 33.0 12.2 52.2
64 48.1 30.3 70.3

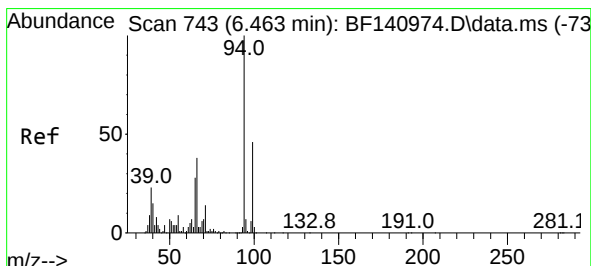
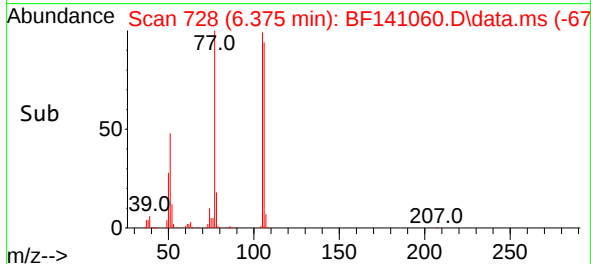
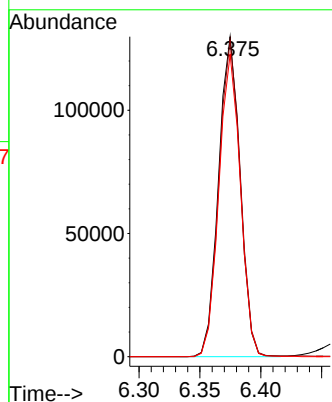
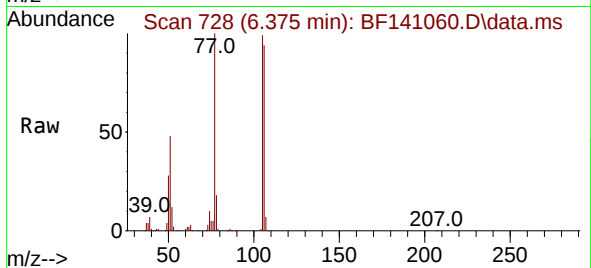




#9
Benzaldehyde
Concen: 7.432 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141060.D
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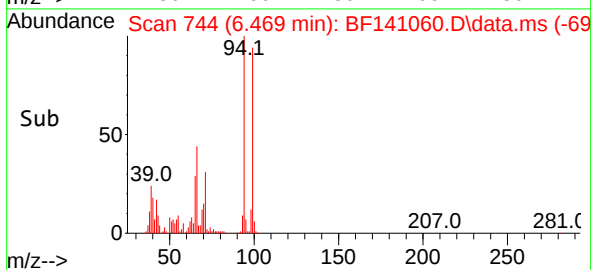
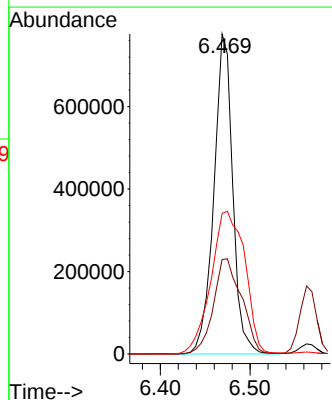
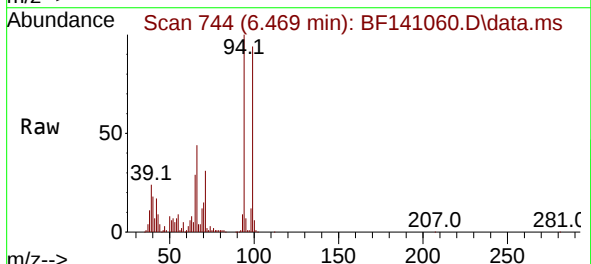
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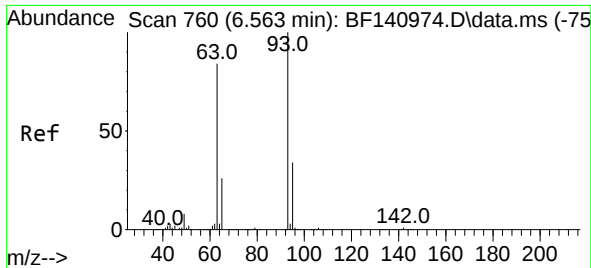
Tgt Ion: 77 Resp: 159427
Ion Ratio Lower Upper
77 100
105 98.9 76.2 116.2
106 94.5 73.4 113.4



#10
Phenol
Concen: 47.616 ng
RT: 6.469 min Scan# 744
Delta R.T. 0.006 min
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Tgt Ion: 94 Resp: 1133158
Ion Ratio Lower Upper
94 100
65 29.5 8.1 48.1
66 43.9 18.7 58.7

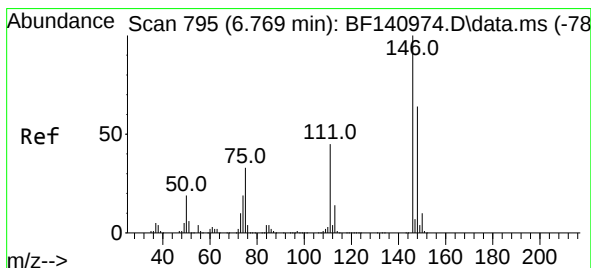
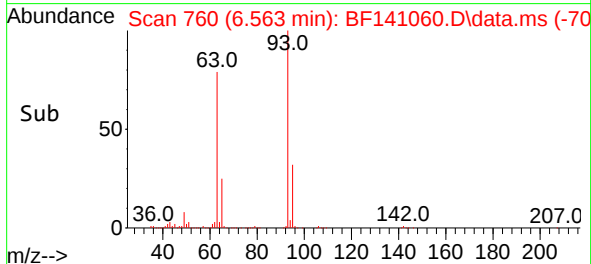
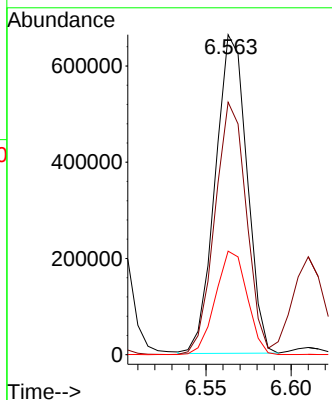
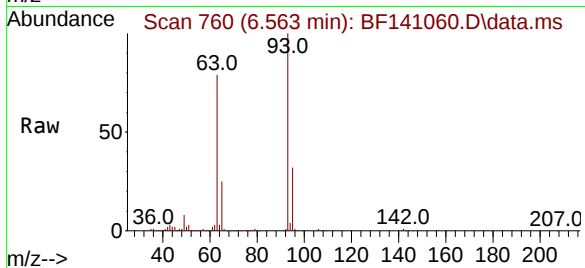




#11
bis(2-Chloroethyl)ether
Concen: 44.511 ng
RT: 6.563 min Scan# 760
Delta R.T. -0.000 min
Lab File: BF141060.D
Acq: 02 Jan 2025 10:52

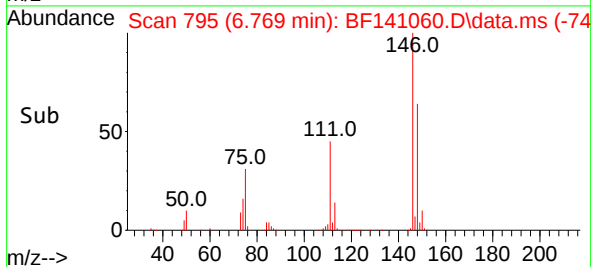
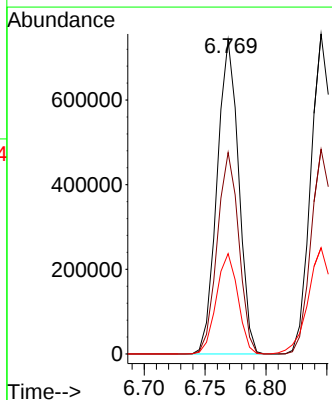
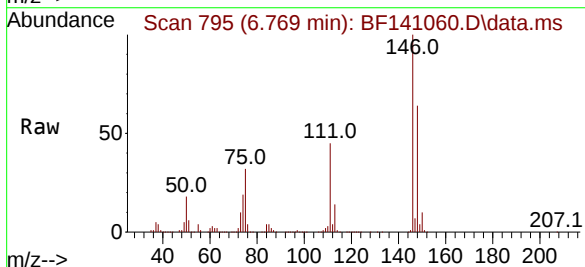
Instrument :
BNA_F
ClientSampleId :
PB165929BS

Tgt Ion:	93	Resp:	855291
Ion	Ratio	Lower	Upper
93	100		
63	78.9	60.3	100.3
95	32.4	12.2	52.2



#12
1,3-Dichlorobenzene
Concen: 44.022 ng
RT: 6.769 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF141060.D
Acq: 02 Jan 2025 10:52

Tgt Ion:	146	Resp:	915105
Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.0	76.4
75	31.9	26.1	39.1





#13

1,4-Dichlorobenzene

Concen: 44.393 ng

RT: 6.845 min Scan# 808

Delta R.T. -0.000 min

Lab File: BF141060.D

Acq: 02 Jan 2025 10:52

Instrument :

BNA_F

ClientSampleId :

PB165929BS

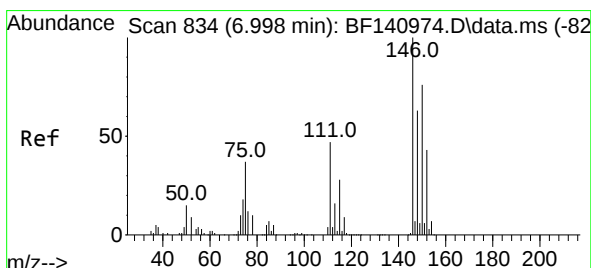
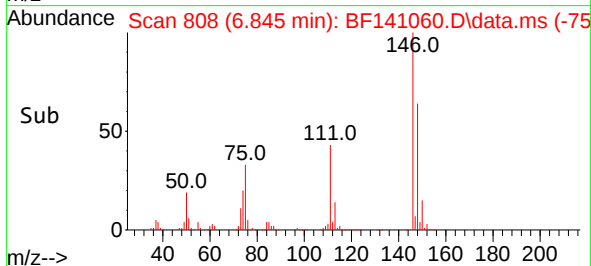
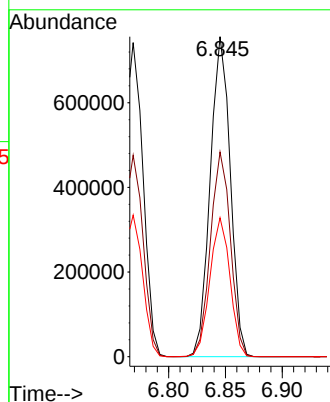
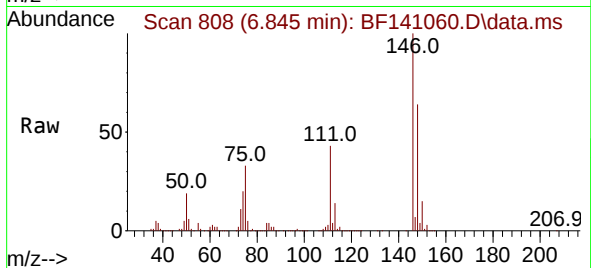
Tgt Ion:146 Resp: 930279

Ion Ratio Lower Upper

146 100

148 64.0 51.3 76.9

111 43.4 35.3 52.9



#14

1,2-Dichlorobenzene

Concen: 45.436 ng

RT: 6.998 min Scan# 834

Delta R.T. -0.000 min

Lab File: BF141060.D

Acq: 02 Jan 2025 10:52

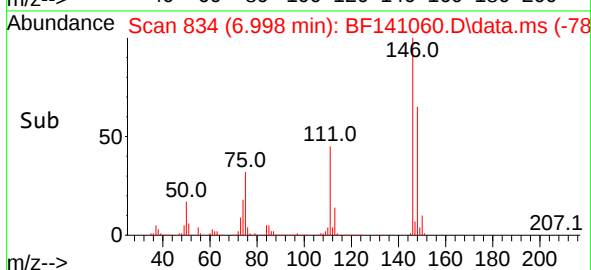
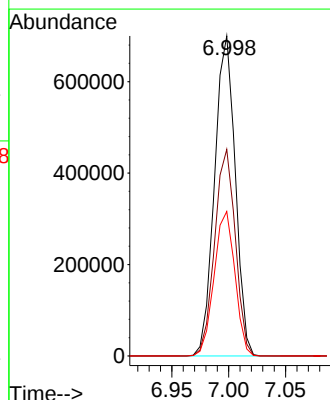
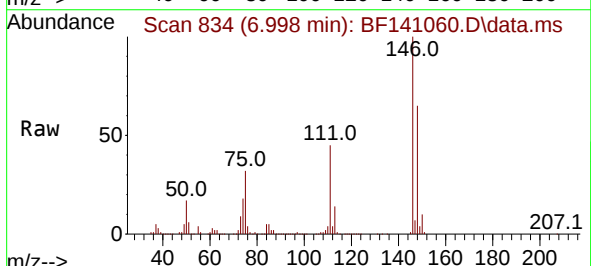
Tgt Ion:146 Resp: 887752

Ion Ratio Lower Upper

146 100

148 64.6 50.6 76.0

111 45.1 37.3 55.9

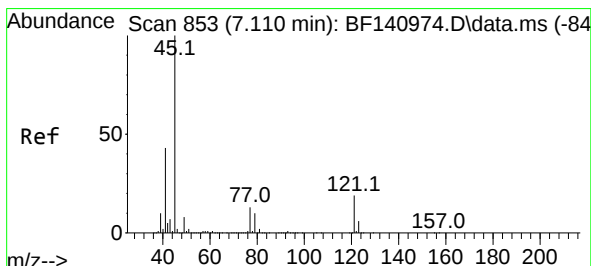
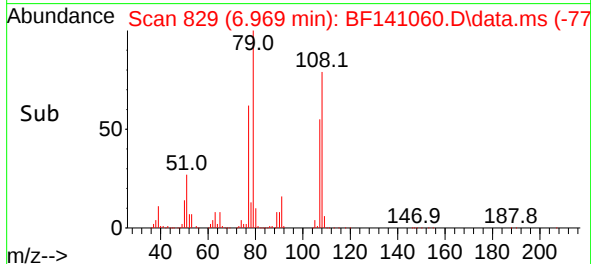
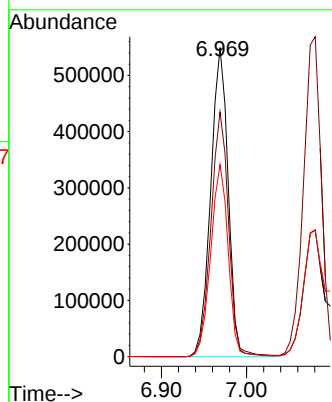
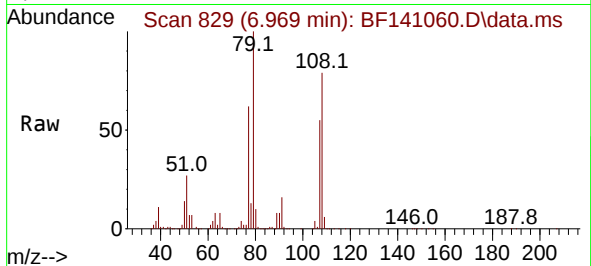




#15
Benzyl Alcohol
Concen: 47.420 ng
RT: 6.969 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF141060.D
Acq: 02 Jan 2025 10:52

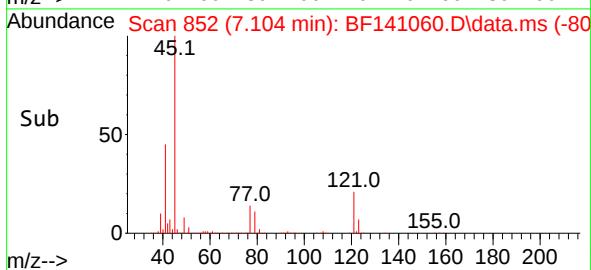
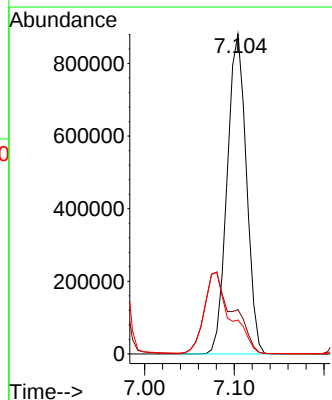
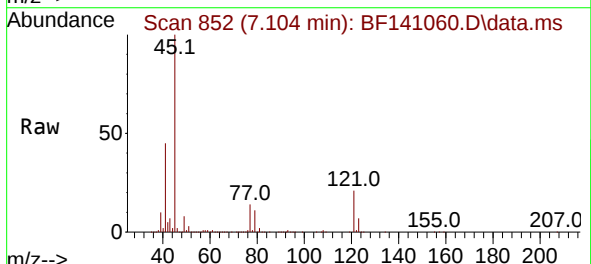
Instrument :
BNA_F
ClientSampleId :
PB165929BS

Tgt Ion: 79 Resp: 784253
Ion Ratio Lower Upper
79 100
108 79.2 62.5 93.7
77 62.1 49.3 73.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.022 ng
RT: 7.104 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF141060.D
Acq: 02 Jan 2025 10:52

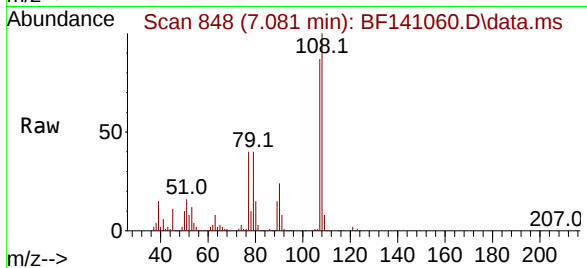
Tgt Ion: 45 Resp: 1308320
Ion Ratio Lower Upper
45 100
77 13.9 0.0 33.1
79 10.6 0.0 30.1



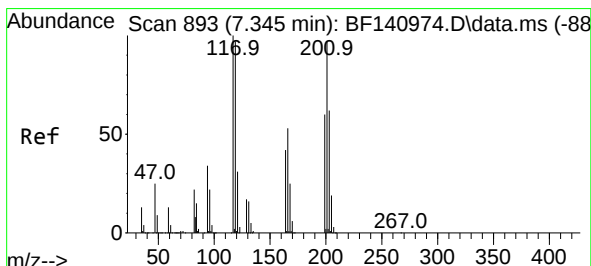
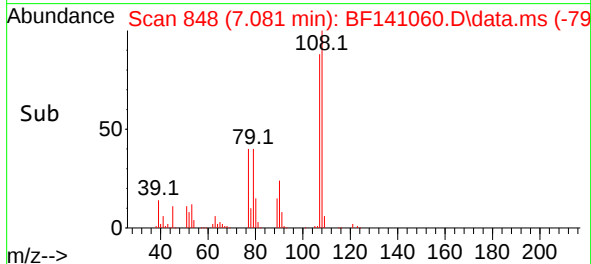
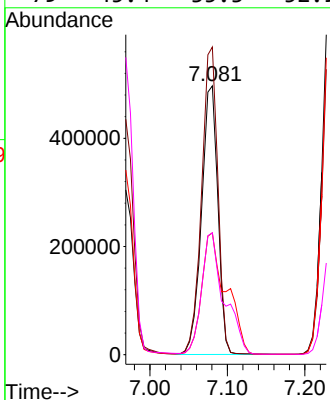


#17
2-Methylphenol
Concen: 46.546 ng
RT: 7.081 min Scan# 847
Delta R.T. 0.006 min
Lab File: BF141060.D
Acq: 02 Jan 2025 10:52

Instrument :
BNA_F
ClientSampleId :
PB165929BS

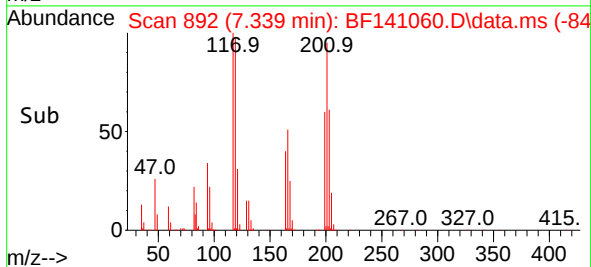
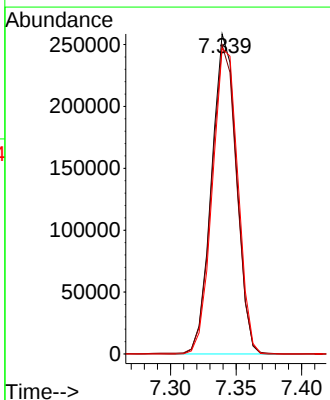
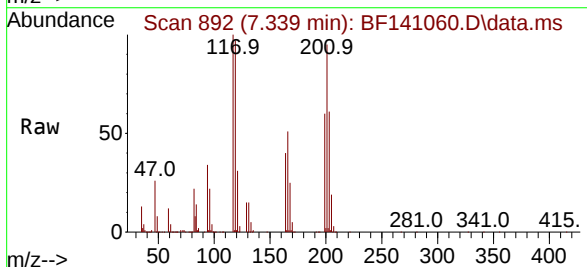


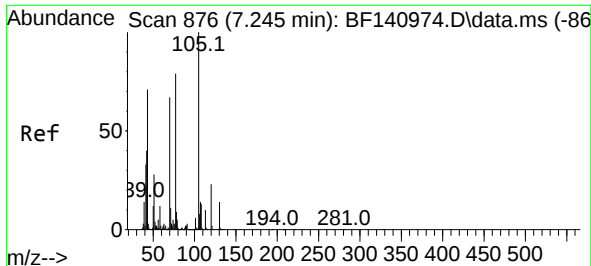
Tgt Ion:	107	Resp:	728374
Ion	Ratio	Lower	Upper
107	100		
108	114.4	90.6	136.0
77	45.3	35.3	52.9
79	45.4	35.3	52.9



#18
Hexachloroethane
Concen: 45.763 ng
RT: 7.339 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF141060.D
Acq: 02 Jan 2025 10:52

Tgt Ion:	117	Resp:	340666
Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.5	116.3
201	95.5	77.4	116.2





#19

n-Nitroso-di-n-propylamine

Concen: 44.843 ng

RT: 7.245 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF141060.D

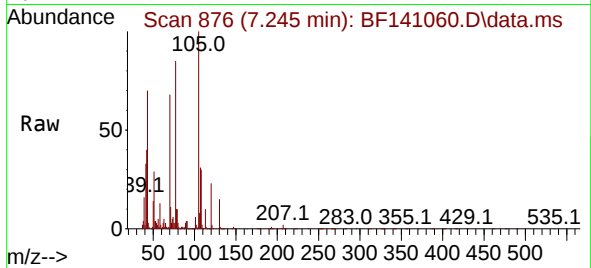
Acq: 02 Jan 2025 10:52

Instrument :

BNA_F

ClientSampleId :

PB165929BS



Tgt Ion: 70 Resp: 632273

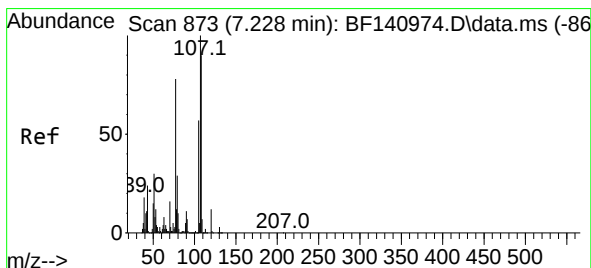
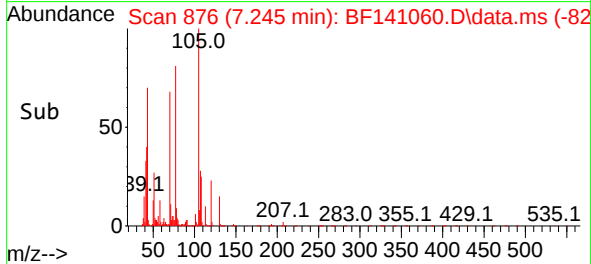
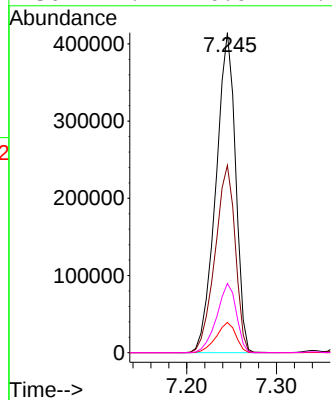
Ion Ratio Lower Upper

70 100

42 58.6 48.1 72.1

101 9.5 7.6 11.4

130 21.7 16.6 24.8



#20

3+4-Methylphenols

Concen: 44.052 ng

RT: 7.233 min Scan# 874

Delta R.T. 0.006 min

Lab File: BF141060.D

Acq: 02 Jan 2025 10:52

Tgt Ion:107 Resp: 872349

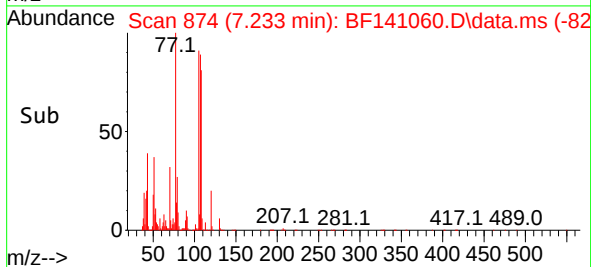
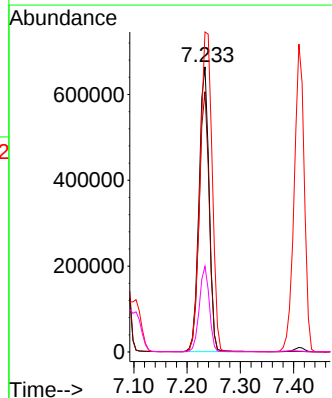
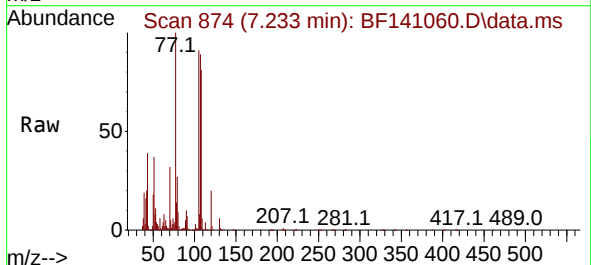
Ion Ratio Lower Upper

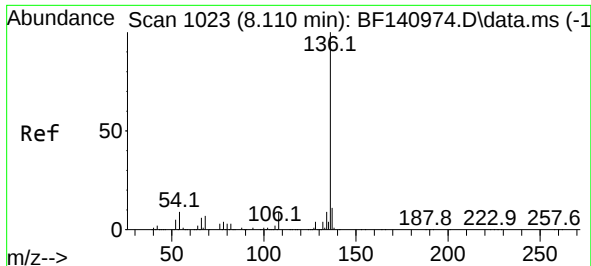
107 100

108 91.3 69.6 109.6

77 112.2 57.6 97.6#

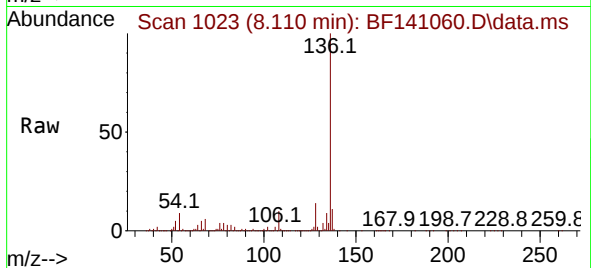
79 30.0 8.8 48.8





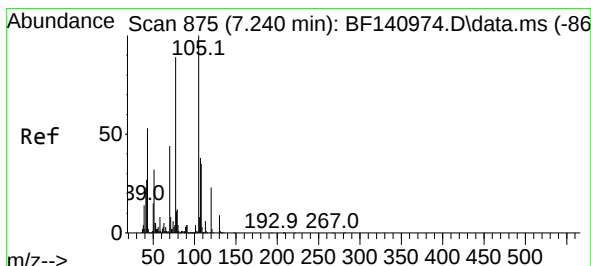
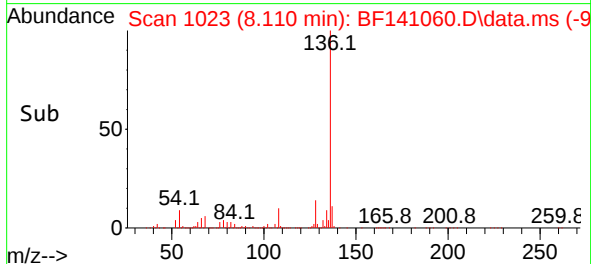
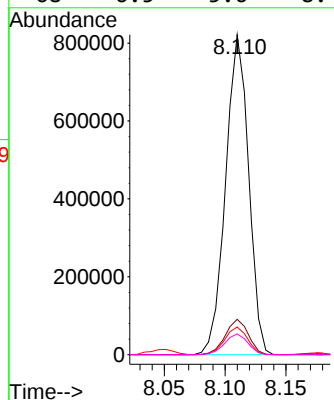
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF141060.D
Acq: 02 Jan 2025 10:52

Instrument :
BNA_F
ClientSampleId :
PB165929BS



Tgt Ion:136 Resp: 1079743

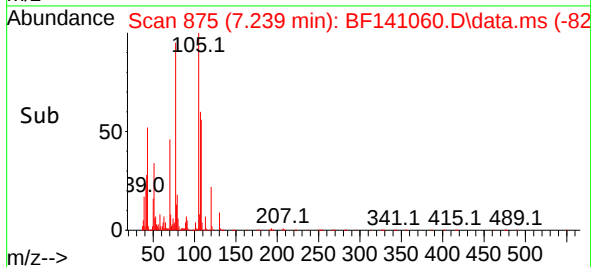
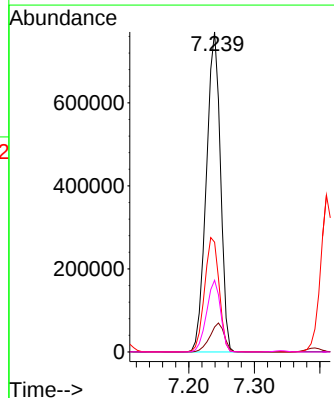
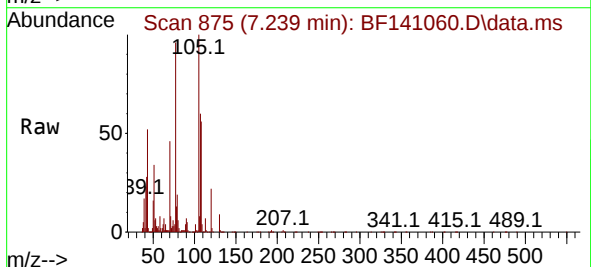
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	8.6	7.6	11.4
68	6.5	5.6	8.4

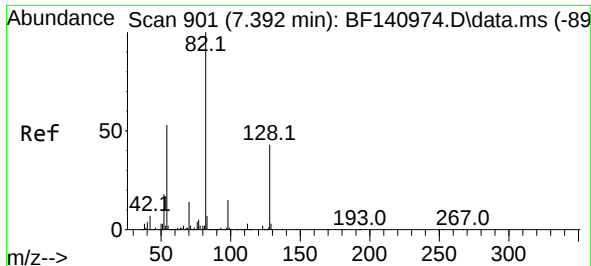


#22
Acetophenone
Concen: 43.651 ng
RT: 7.239 min Scan# 875
Delta R.T. -0.000 min
Lab File: BF141060.D
Acq: 02 Jan 2025 10:52

Tgt Ion:105 Resp: 1156224

Ion	Ratio	Lower	Upper
105	100		
71	7.8	6.1	9.1
51	34.3	25.8	38.6
120	22.4	18.1	27.1





#23

Nitrobenzene-d5

Concen: 105.762 ng

RT: 7.392 min Scan# 901

Delta R.T. -0.000 min

Lab File: BF141060.D

Acq: 02 Jan 2025 10:52

Instrument :

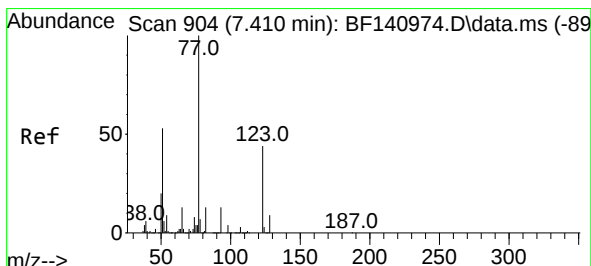
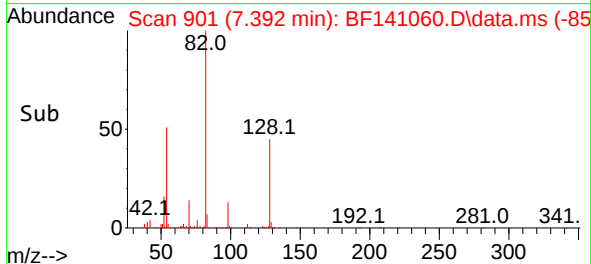
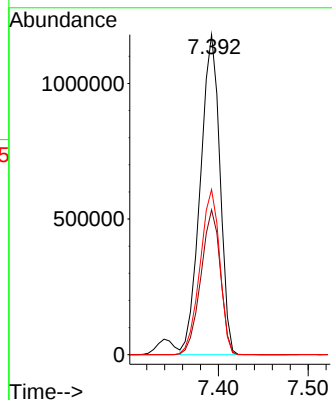
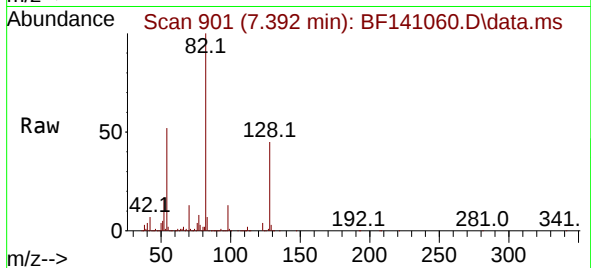
BNA_F

ClientSampleId :

PB165929BS

Tgt Ion: 82 Resp: 1784921

Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.4	51.6
54	51.6	42.4	63.6



#24

Nitrobenzene

Concen: 49.938 ng

RT: 7.410 min Scan# 904

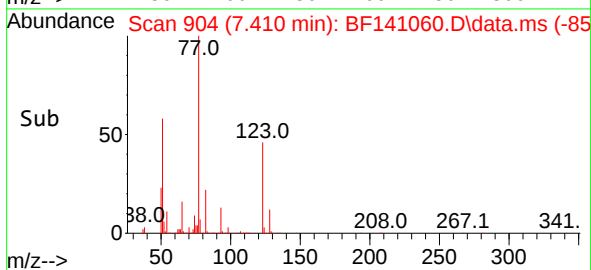
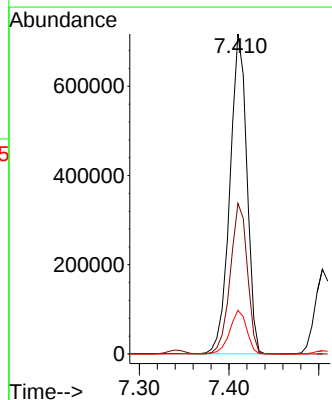
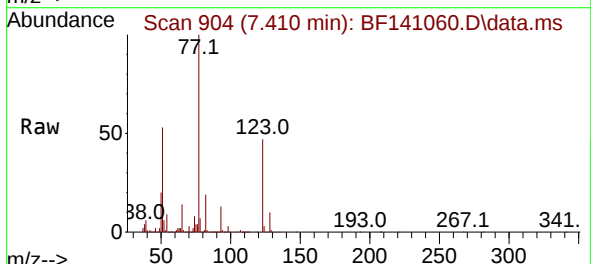
Delta R.T. -0.000 min

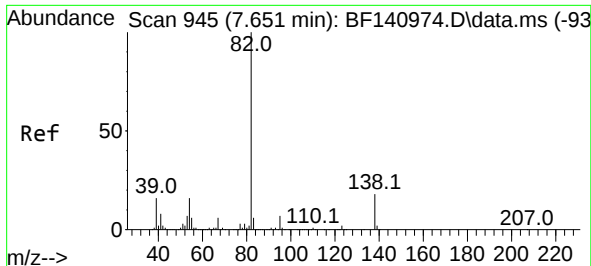
Lab File: BF141060.D

Acq: 02 Jan 2025 10:52

Tgt Ion: 77 Resp: 941742

Ion	Ratio	Lower	Upper
77	100		
123	47.0	35.4	53.2
65	13.6	10.7	16.1

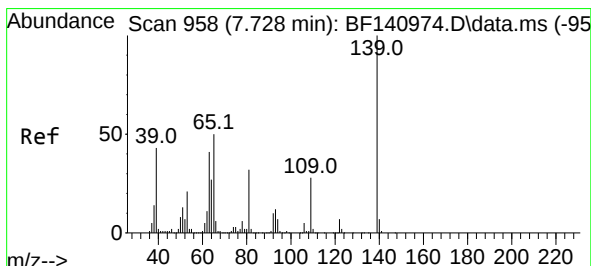
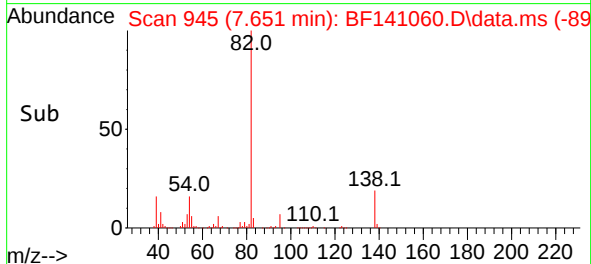
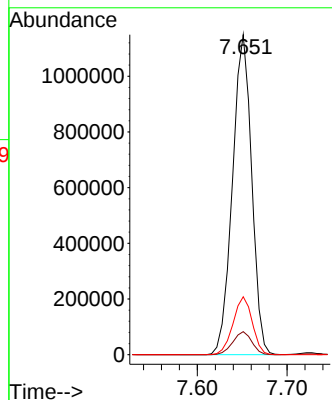
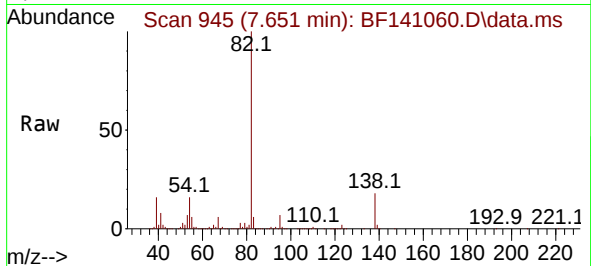




#25
Isophorone
Concen: 46.480 ng
RT: 7.651 min Scan# 945
Delta R.T. -0.000 min
Lab File: BF141060.D
Acq: 02 Jan 2025 10:52

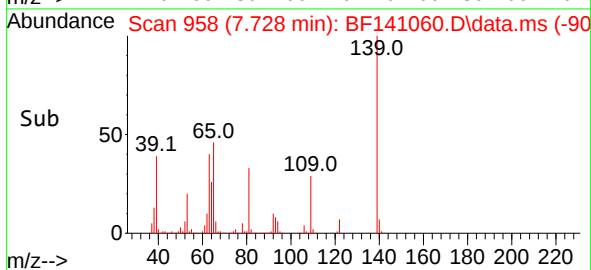
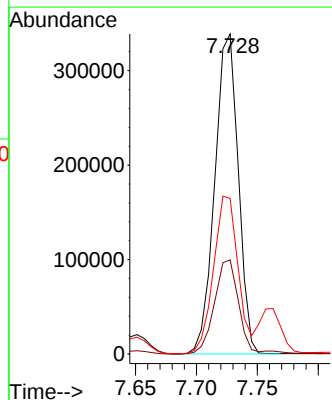
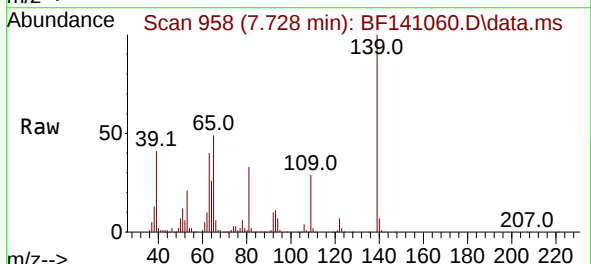
Instrument :
BNA_F
ClientSampleId :
PB165929BS

Tgt Ion: 82 Resp: 1706960
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 18.1 14.6 21.8



#26
2-Nitrophenol
Concen: 57.723 ng
RT: 7.728 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF141060.D
Acq: 02 Jan 2025 10:52

Tgt Ion:139 Resp: 455425
Ion Ratio Lower Upper
139 100
109 29.4 22.2 33.4
65 48.6 40.2 60.4

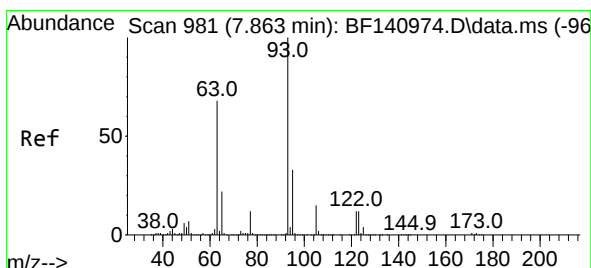
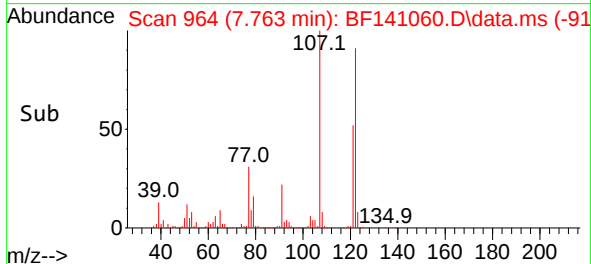
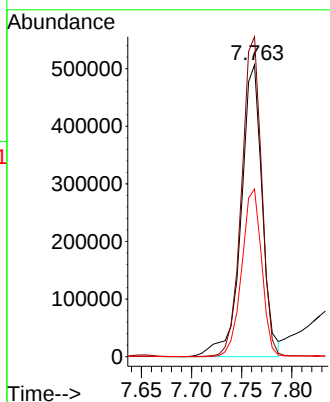
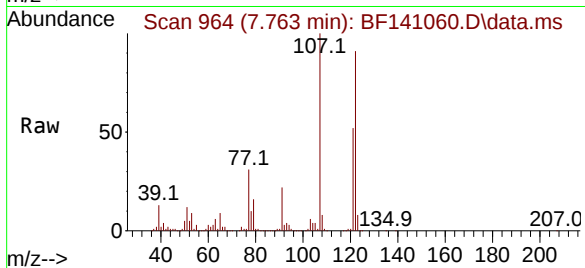




#27
2,4-Dimethylphenol
Concen: 55.293 ng
RT: 7.763 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF141060.D
Acq: 02 Jan 2025 10:52

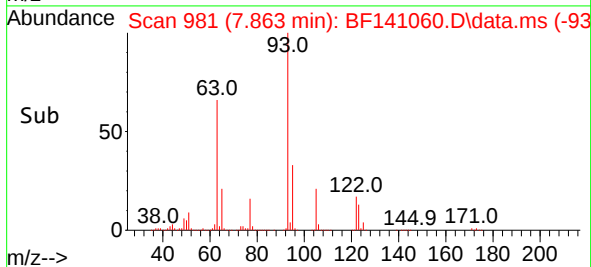
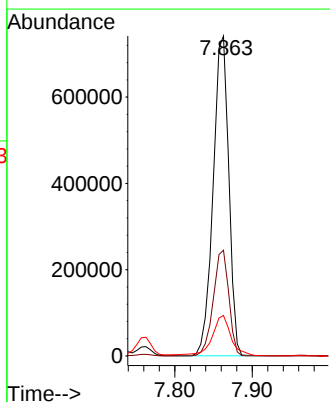
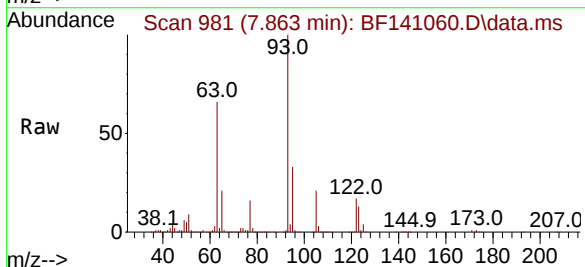
Instrument :
BNA_F
ClientSampleId :
PB165929BS

Tgt Ion:122 Resp: 742125
Ion Ratio Lower Upper
122 100
107 109.6 89.4 134.2
121 57.4 46.7 70.1



#28
bis(2-Chloroethoxy)methane
Concen: 44.549 ng
RT: 7.863 min Scan# 981
Delta R.T. -0.000 min
Lab File: BF141060.D
Acq: 02 Jan 2025 10:52

Tgt Ion: 93 Resp: 1036568
Ion Ratio Lower Upper
93 100
95 33.1 26.2 39.4
123 12.6 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 47.987 ng

RT: 7.963 min Scan# 998

Delta R.T. -0.000 min

Lab File: BF141060.D

Acq: 02 Jan 2025 10:52

Instrument :

BNA_F

ClientSampleId :

PB165929BS

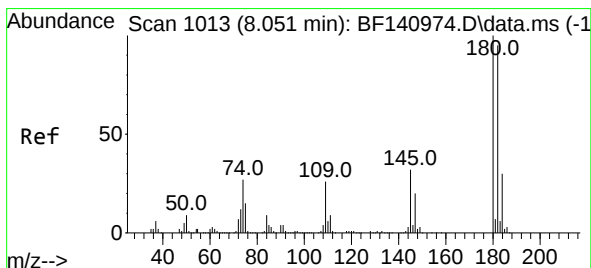
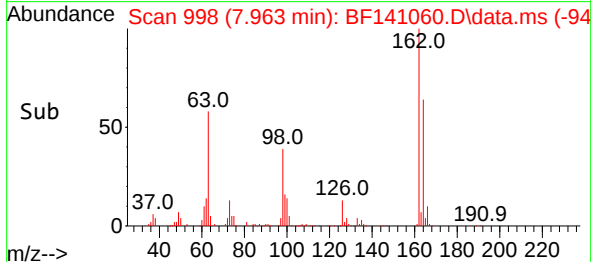
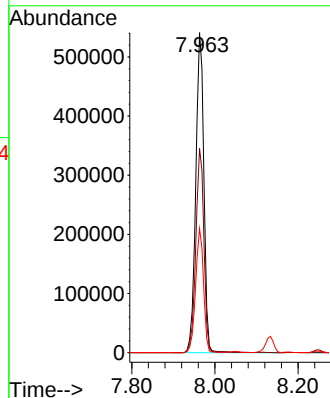
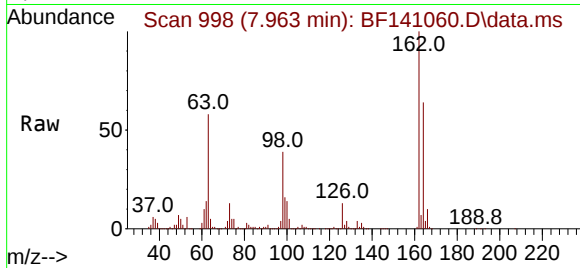
Tgt Ion:162 Resp: 730473

Ion Ratio Lower Upper

162 100

164 63.8 44.8 84.8

98 38.8 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 43.610 ng

RT: 8.051 min Scan# 1013

Delta R.T. -0.000 min

Lab File: BF141060.D

Acq: 02 Jan 2025 10:52

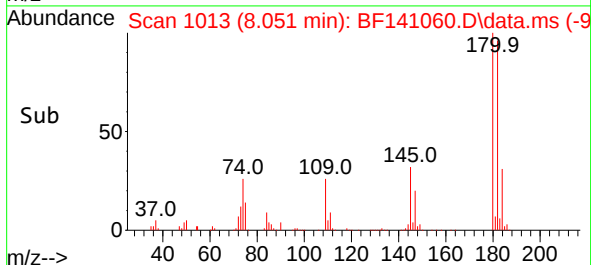
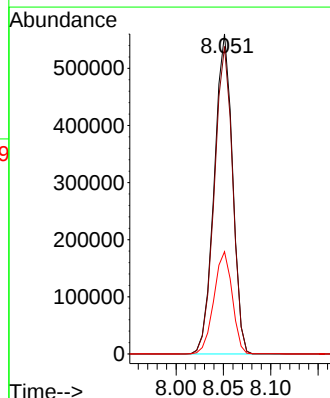
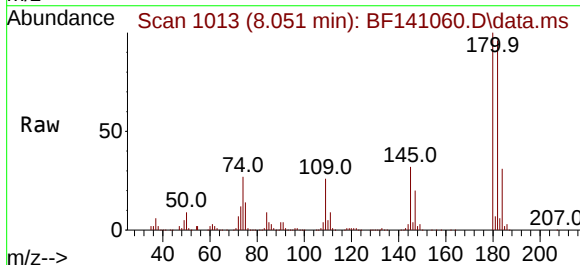
Tgt Ion:180 Resp: 751365

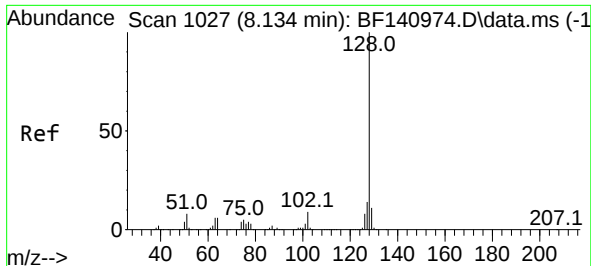
Ion Ratio Lower Upper

180 100

182 96.1 76.2 114.4

145 31.9 25.4 38.2

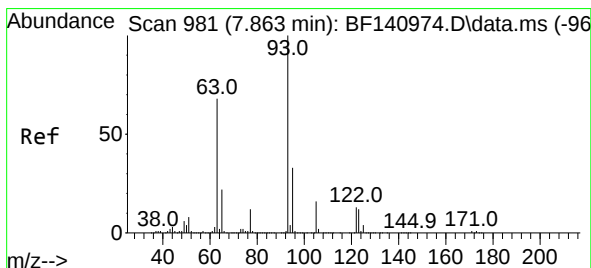
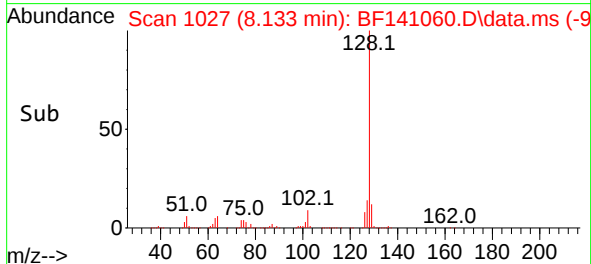
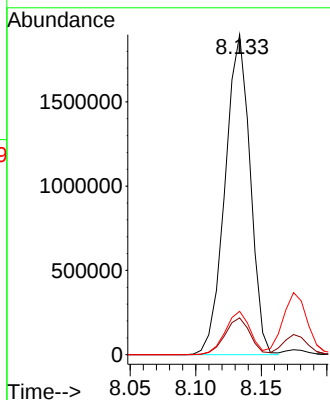
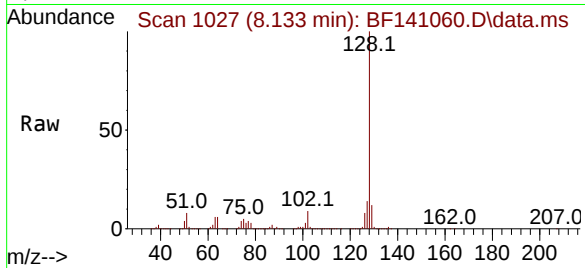




#31
Naphthalene
Concen: 44.390 ng
RT: 8.133 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF141060.D
Acq: 02 Jan 2025 10:52

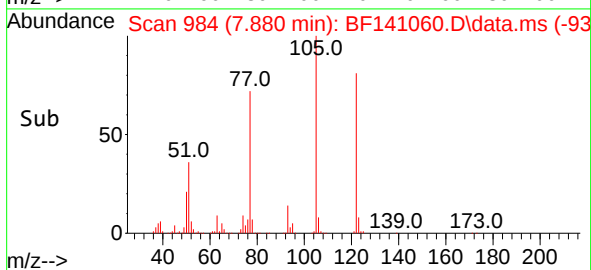
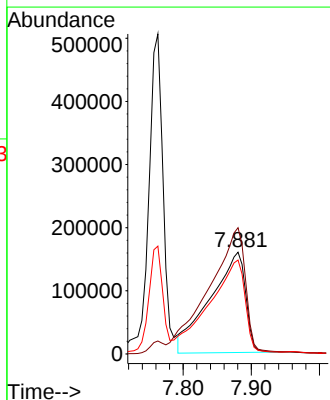
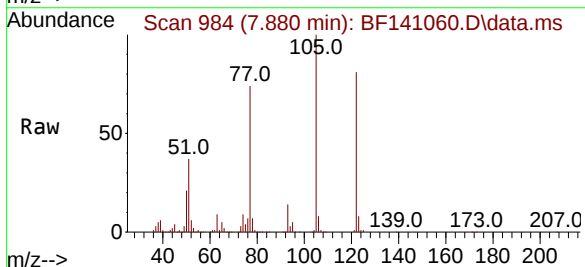
Instrument :
BNA_F
ClientSampleId :
PB165929BS

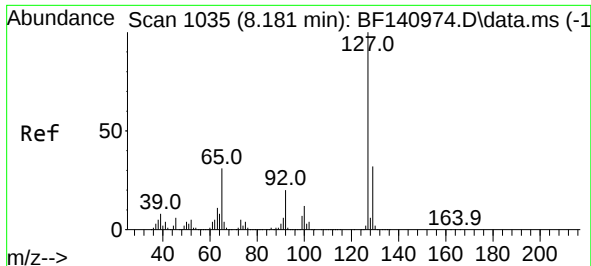
Tgt Ion:128 Resp: 2525605
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.5 11.0 16.4



#32
Benzoic acid
Concen: 51.439 ng
RT: 7.880 min Scan# 984
Delta R.T. 0.017 min
Lab File: BF141060.D
Acq: 02 Jan 2025 10:52

Tgt Ion:122 Resp: 575412
Ion Ratio Lower Upper
122 100
105 124.2 105.4 145.4
77 92.4 76.4 116.4

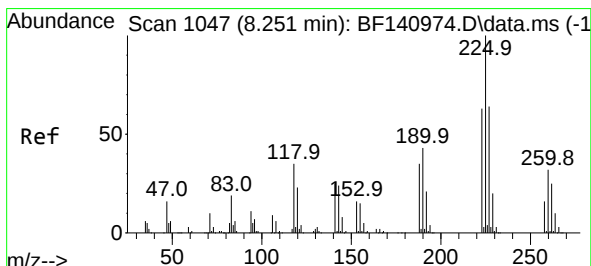
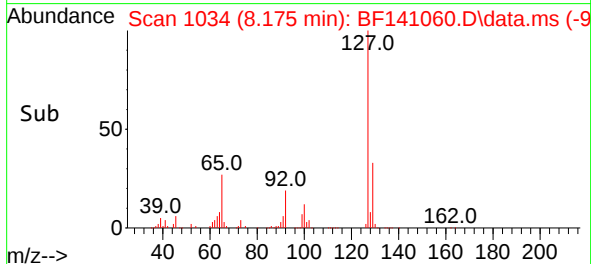
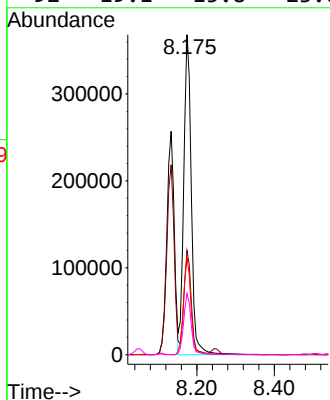
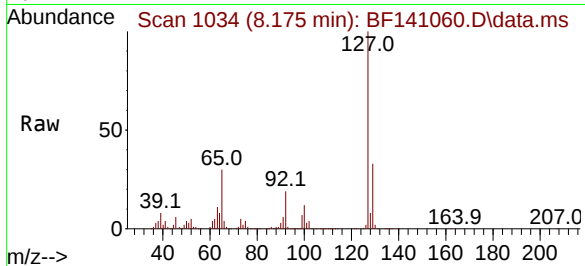




#33
4-Chloroaniline
Concen: 24.375 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF141060.D
Acq: 02 Jan 2025 10:52

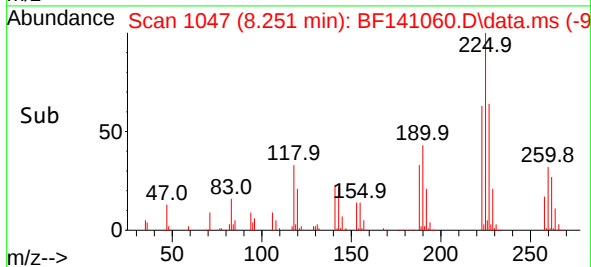
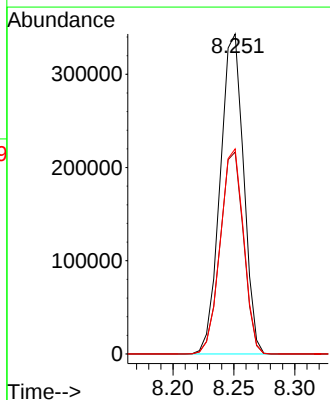
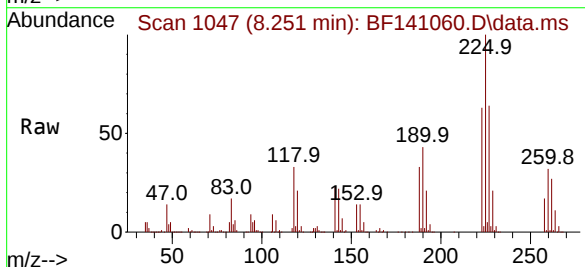
Instrument :
BNA_F
ClientSampleId :
PB165929BS

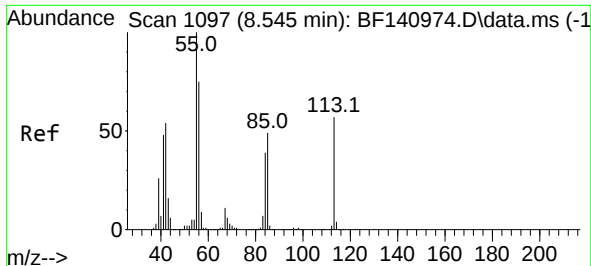
Tgt Ion:	127	Resp:	501716
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.1	39.1
65	30.2	24.6	37.0
92	19.1	15.8	23.6



#34
Hexachlorobutadiene
Concen: 45.199 ng
RT: 8.251 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF141060.D
Acq: 02 Jan 2025 10:52

Tgt Ion:	225	Resp:	459093
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.3	75.5
227	64.1	50.8	76.2

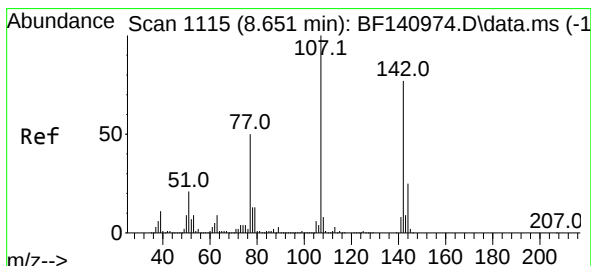
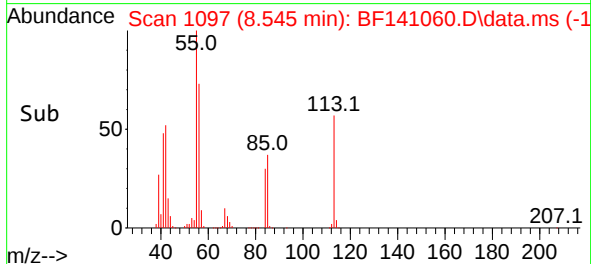
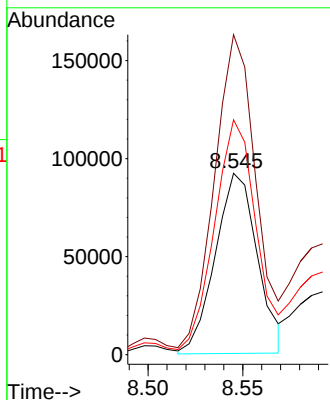
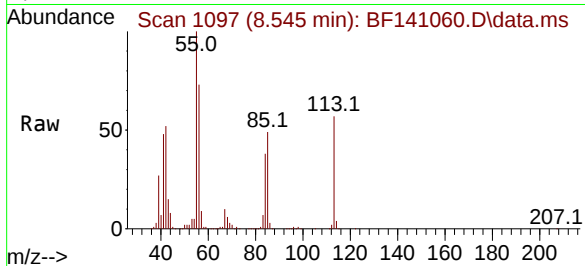




#35
 Caprolactam
 Concen: 27.496 ng
 RT: 8.545 min Scan# 1109
 Delta R.T. -0.000 min
 Lab File: BF141060.D
 Acq: 02 Jan 2025 10:52

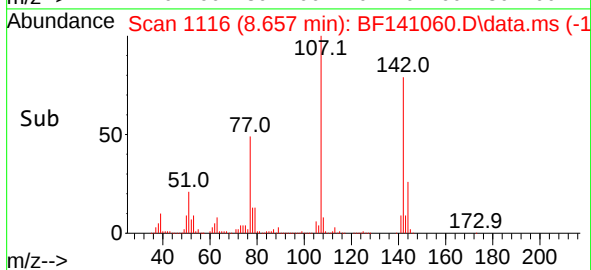
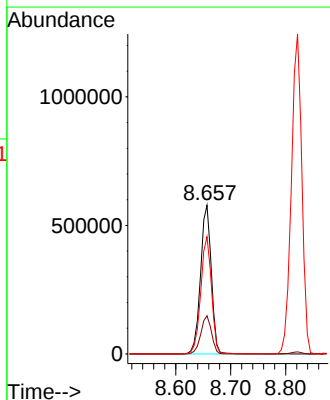
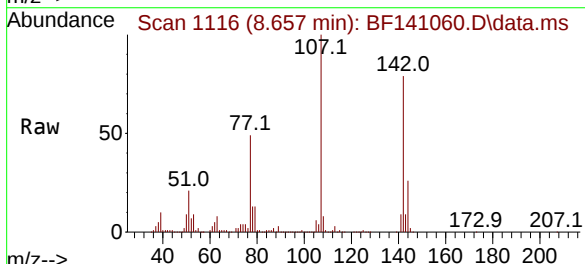
Instrument :
 BNA_F
 ClientSampleId :
 PB165929BS

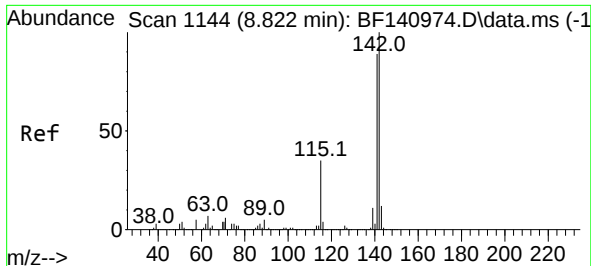
Tgt Ion:113 Resp: 142289
 Ion Ratio Lower Upper
 113 100
 55 176.3 156.6 196.6
 56 129.4 111.7 151.7



#36
 4-Chloro-3-methylphenol
 Concen: 46.787 ng
 RT: 8.657 min Scan# 1116
 Delta R.T. 0.006 min
 Lab File: BF141060.D
 Acq: 02 Jan 2025 10:52

Tgt Ion:107 Resp: 790939
 Ion Ratio Lower Upper
 107 100
 144 25.7 19.9 29.9
 142 78.9 61.8 92.8

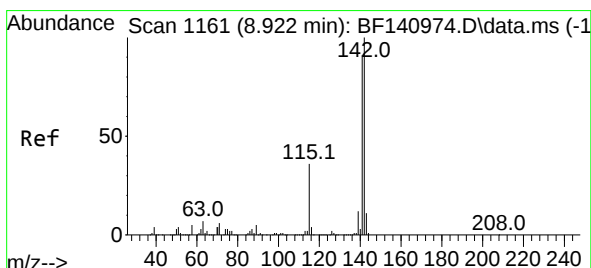
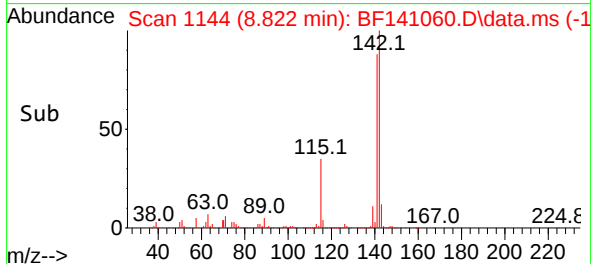
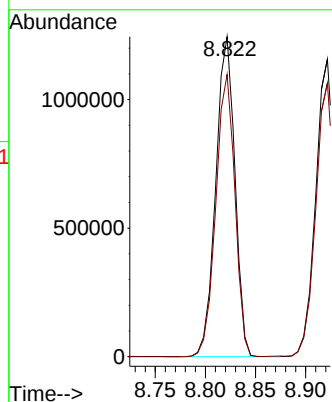
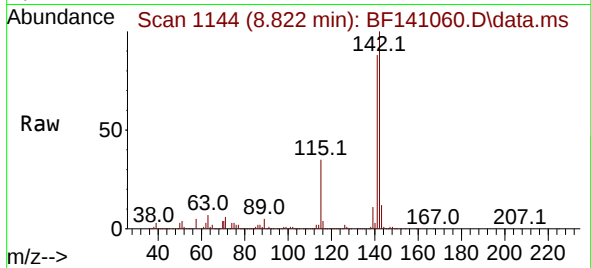




#37
2-Methylnaphthalene
Concen: 45.246 ng
RT: 8.822 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BF141060.D
Acq: 02 Jan 2025 10:52

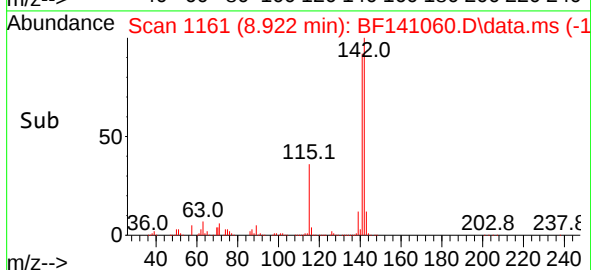
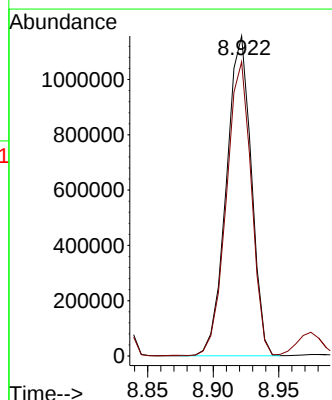
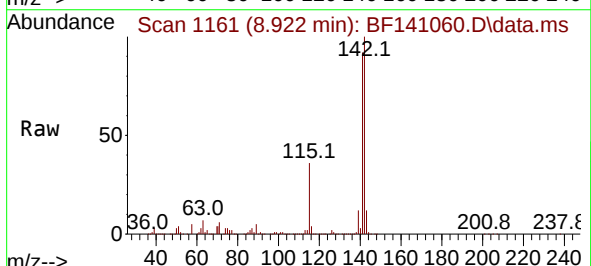
Instrument :
BNA_F
ClientSampleId :
PB165929BS

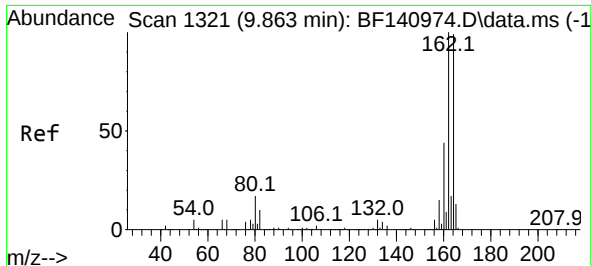
Tgt Ion:142 Resp: 1646890
Ion Ratio Lower Upper
142 100
141 88.2 71.1 106.7



#38
1-Methylnaphthalene
Concen: 42.859 ng
RT: 8.922 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF141060.D
Acq: 02 Jan 2025 10:52

Tgt Ion:142 Resp: 1533142
Ion Ratio Lower Upper
142 100
141 91.9 72.7 109.1

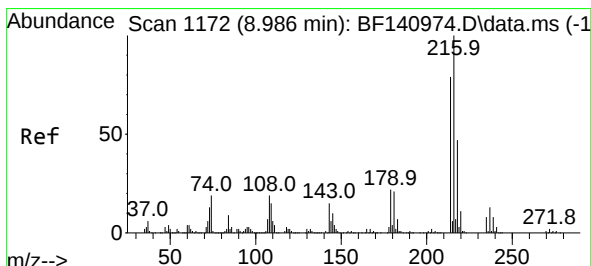
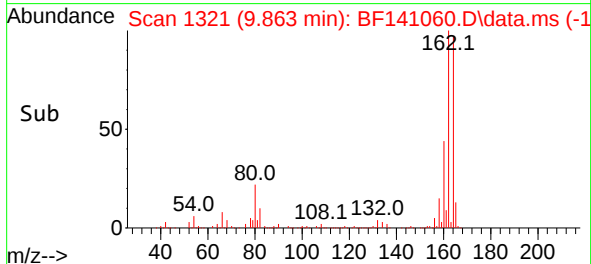
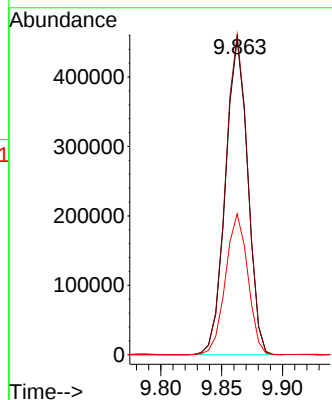
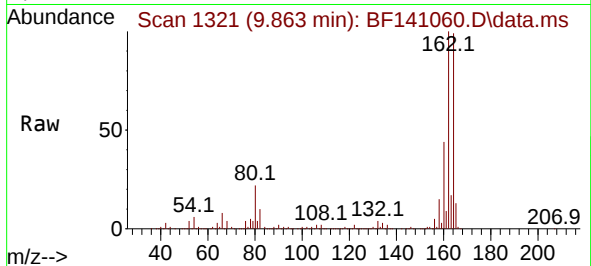




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141060.D
Acq: 02 Jan 2025 10:52

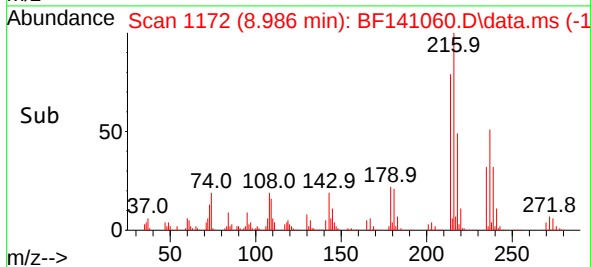
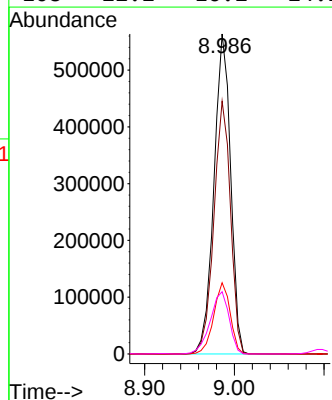
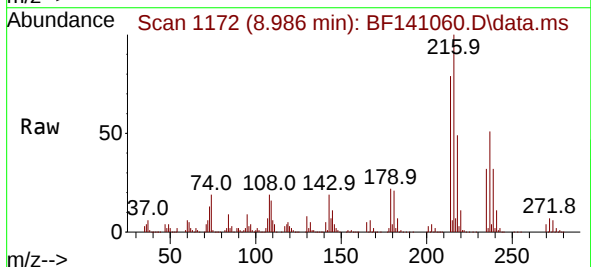
Instrument :
BNA_F
ClientSampleId :
PB165929BS

Tgt Ion:164 Resp: 577888
Ion Ratio Lower Upper
164 100
162 101.4 80.6 120.8
160 44.6 35.7 53.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.676 ng
RT: 8.986 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BF141060.D
Acq: 02 Jan 2025 10:52

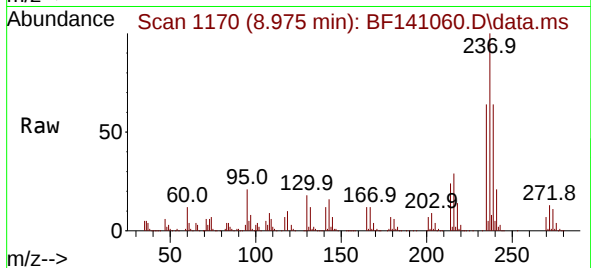
Tgt Ion:216 Resp: 726171
Ion Ratio Lower Upper
216 100
214 78.8 63.0 94.6
179 22.0 17.9 26.9
108 22.2 16.2 24.2



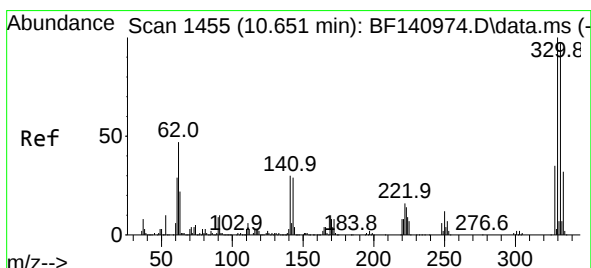
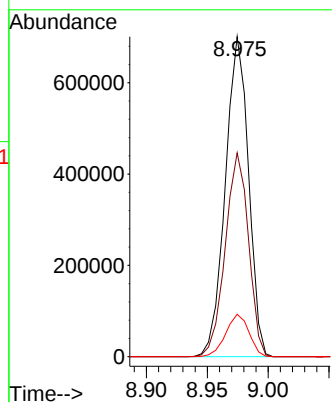
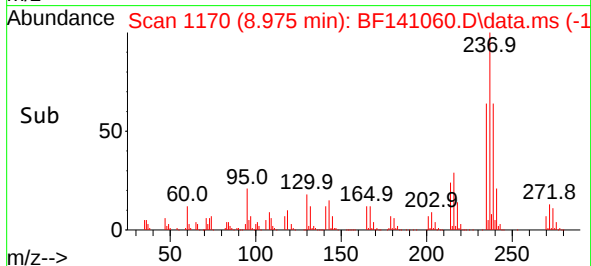


#41
Hexachlorocyclopentadiene
Concen: 176.410 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF141060.D
Acq: 02 Jan 2025 10:52

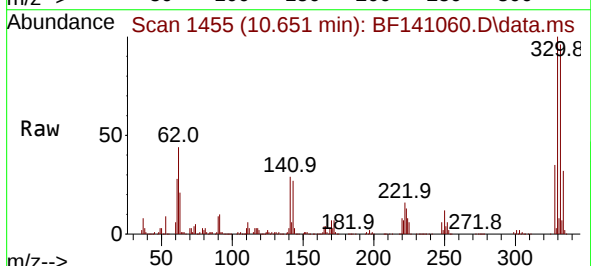
Instrument :
BNA_F
ClientSampleId :
PB165929BS



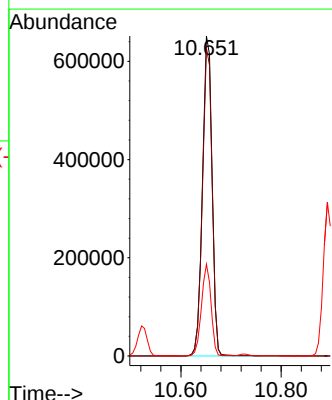
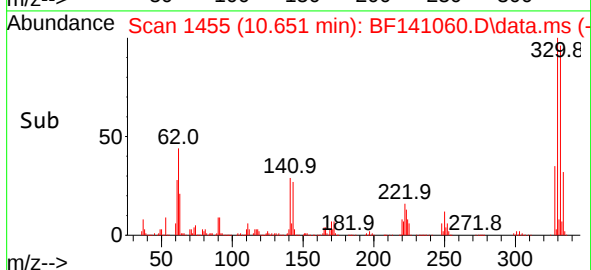
Tgt Ion:237 Resp: 929424
Ion Ratio Lower Upper
237 100
235 63.7 43.4 83.4
272 13.2 0.0 32.6

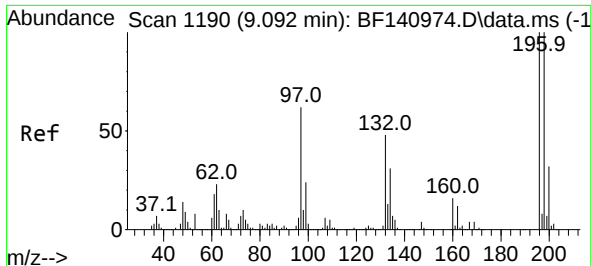


#42
2,4,6-Tribromophenol
Concen: 154.870 ng
RT: 10.651 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BF141060.D
Acq: 02 Jan 2025 10:52



Tgt Ion:330 Resp: 869655
Ion Ratio Lower Upper
330 100
332 96.5 78.0 117.0
141 28.5 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 51.381 ng

RT: 9.098 min Scan# 1190

Delta R.T. 0.006 min

Lab File: BF141060.D

Acq: 02 Jan 2025 10:52

Instrument :

BNA_F

ClientSampleId :

PB165929BS

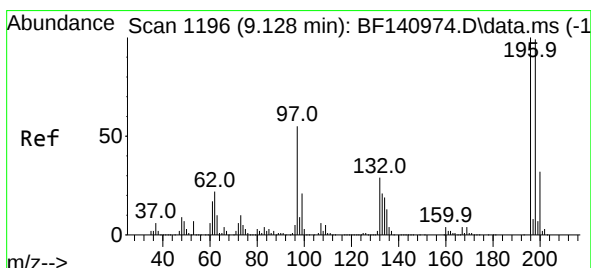
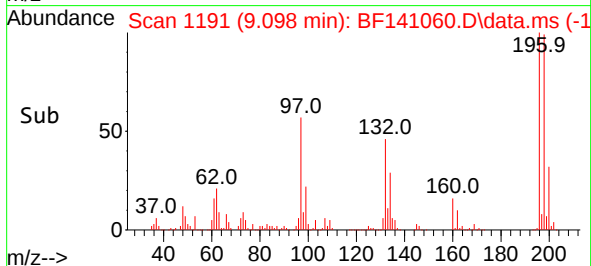
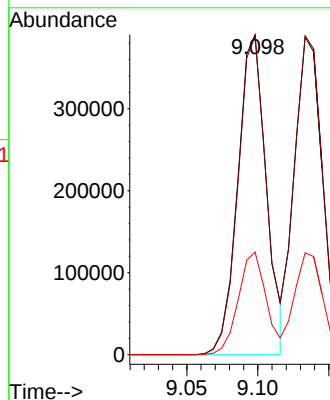
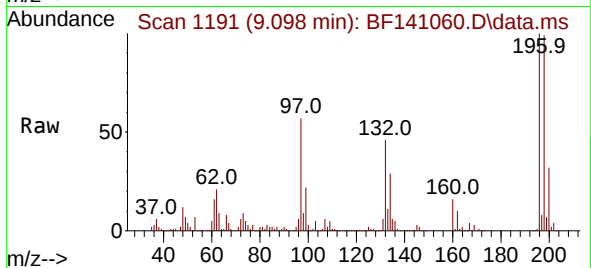
Tgt Ion:196 Resp: 543678

Ion Ratio Lower Upper

196 100

198 99.5 80.2 120.4

200 32.0 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 49.063 ng

RT: 9.133 min Scan# 1197

Delta R.T. 0.006 min

Lab File: BF141060.D

Acq: 02 Jan 2025 10:52

Tgt Ion:196 Resp: 531190

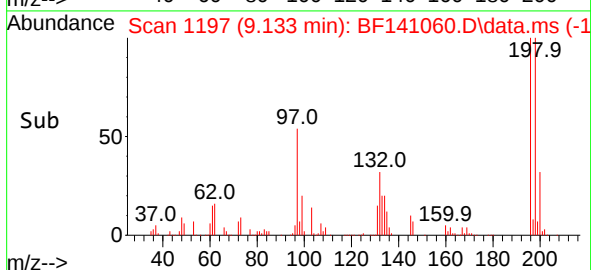
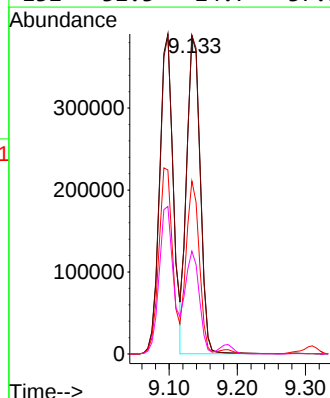
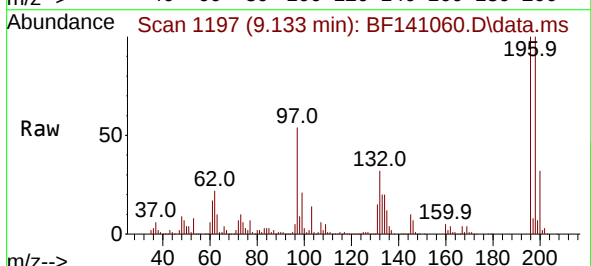
Ion Ratio Lower Upper

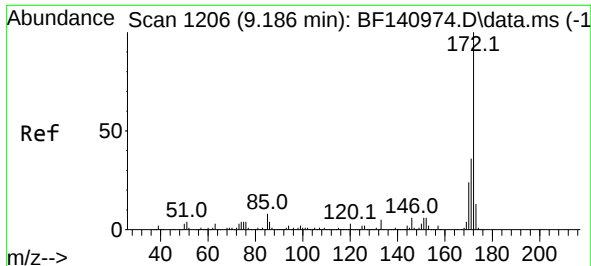
196 100

198 100.3 79.9 119.9

97 54.4 44.3 66.5

132 32.3 24.7 37.1

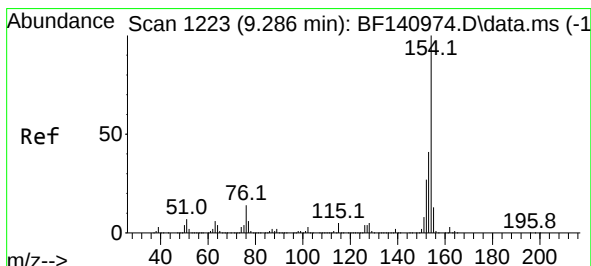
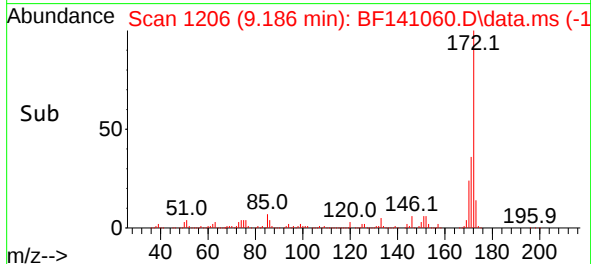
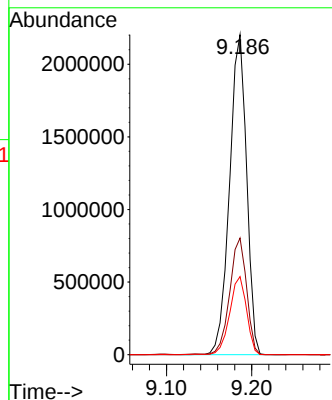
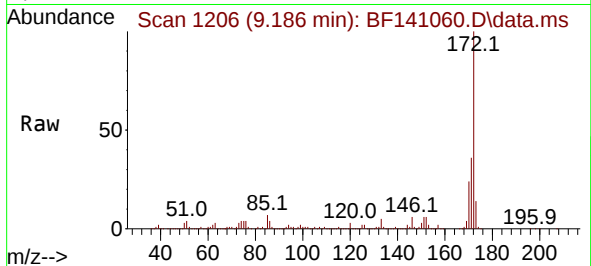




#45
2-Fluorobiphenyl
Concen: 84.567 ng
RT: 9.186 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF141060.D
Acq: 02 Jan 2025 10:52

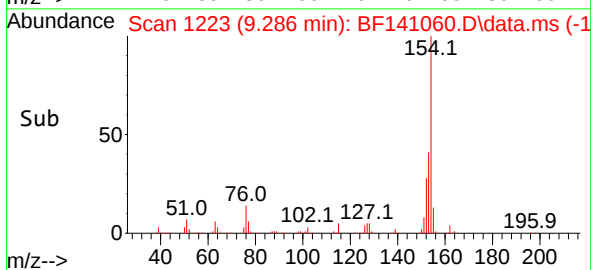
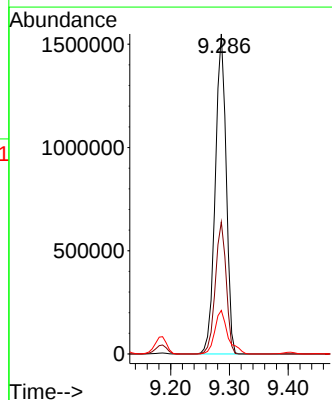
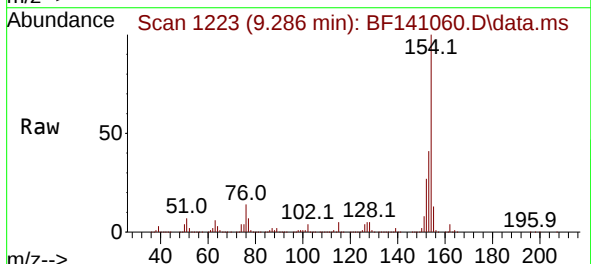
Instrument :
BNA_F
ClientSampleId :
PB165929BS

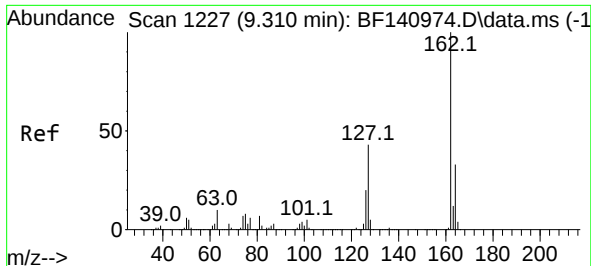
Tgt Ion:172 Resp: 3067353
Ion Ratio Lower Upper
172 100
171 36.5 29.0 43.4
170 24.4 19.6 29.4



#46
1,1'-Biphenyl
Concen: 45.114 ng
RT: 9.286 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF141060.D
Acq: 02 Jan 2025 10:52

Tgt Ion:154 Resp: 1996227
Ion Ratio Lower Upper
154 100
153 41.2 20.9 60.9
76 13.6 0.0 34.0

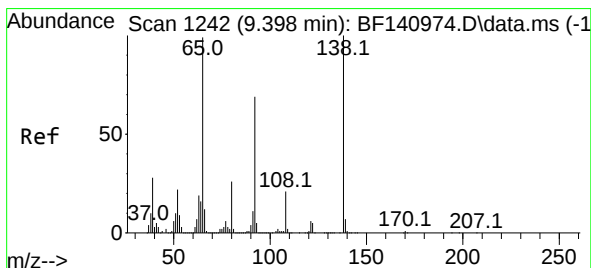
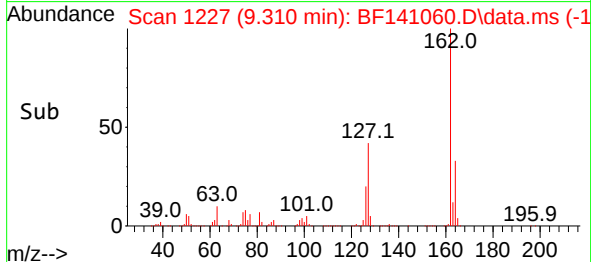
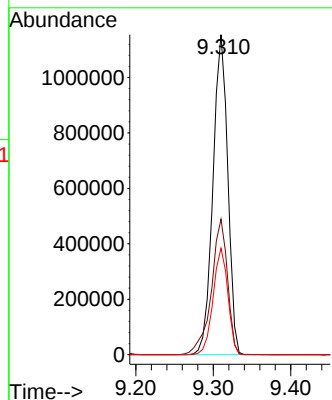
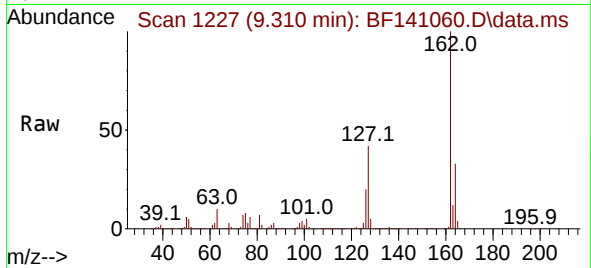




#47
2-Chloronaphthalene
Concen: 44.687 ng
RT: 9.310 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141060.D
Acq: 02 Jan 2025 10:52

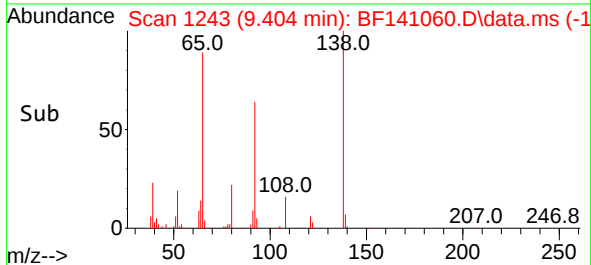
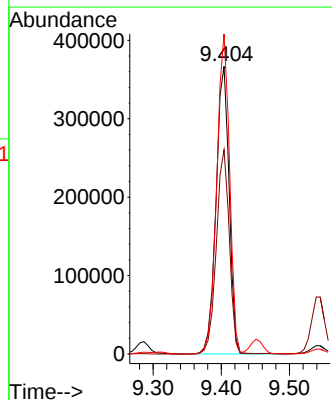
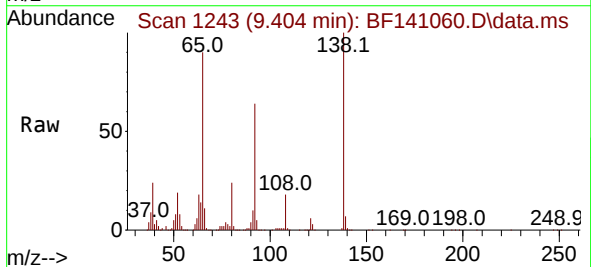
Instrument :
BNA_F
ClientSampleId :
PB165929BS

Tgt Ion:162 Resp: 1533573
Ion Ratio Lower Upper
162 100
127 42.4 34.2 51.4
164 33.3 26.6 40.0



#48
2-Nitroaniline
Concen: 54.056 ng
RT: 9.404 min Scan# 1243
Delta R.T. 0.006 min
Lab File: BF141060.D
Acq: 02 Jan 2025 10:52

Tgt Ion: 65 Resp: 491129
Ion Ratio Lower Upper
65 100
92 71.0 55.6 83.4
138 111.3 80.5 120.7

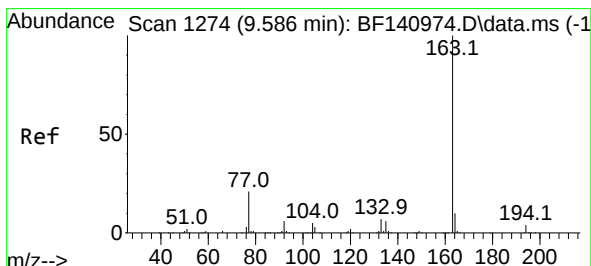
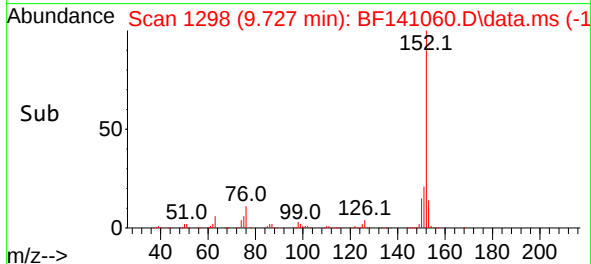
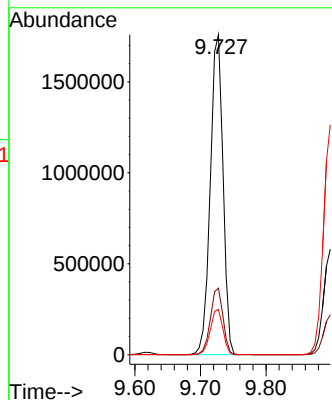
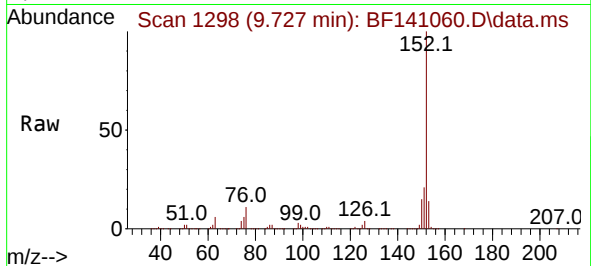




#49
Acenaphthylene
Concen: 48.102 ng
RT: 9.727 min Scan# 1297
Delta R.T. 0.005 min
Lab File: BF141060.D
Acq: 02 Jan 2025 10:52

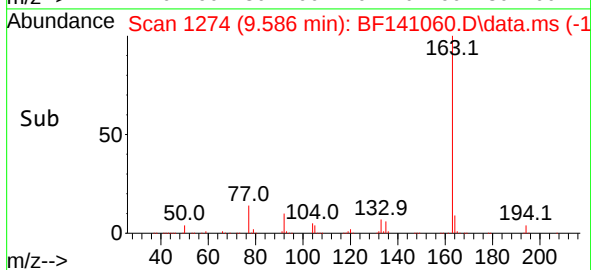
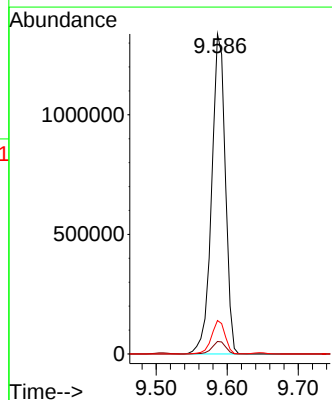
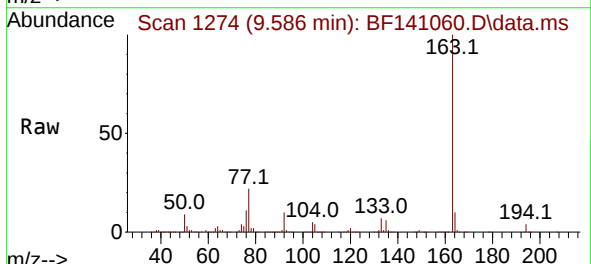
Instrument :
BNA_F
ClientSampleId :
PB165929BS

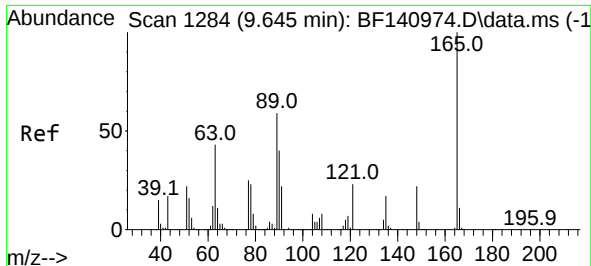
Tgt Ion:152 Resp: 2376353
Ion Ratio Lower Upper
152 100
151 20.8 16.2 24.4
153 14.2 11.4 17.0



#50
Dimethylphthalate
Concen: 47.048 ng
RT: 9.586 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BF141060.D
Acq: 02 Jan 2025 10:52

Tgt Ion:163 Resp: 1788383
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.4 8.3 12.5

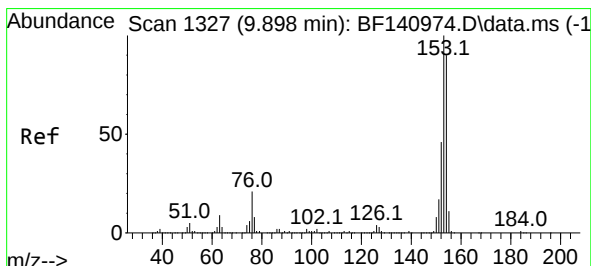
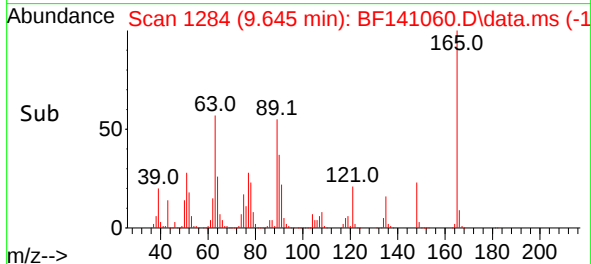
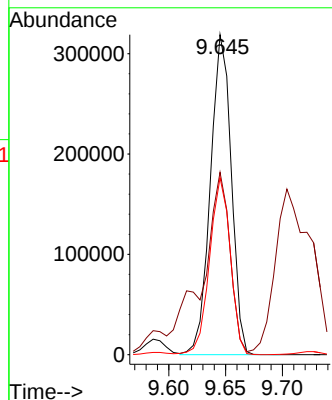
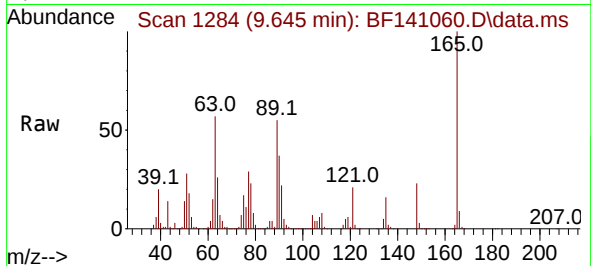




#51
2,6-Dinitrotoluene
Concen: 52.275 ng
RT: 9.645 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF141060.D
Acq: 02 Jan 2025 10:52

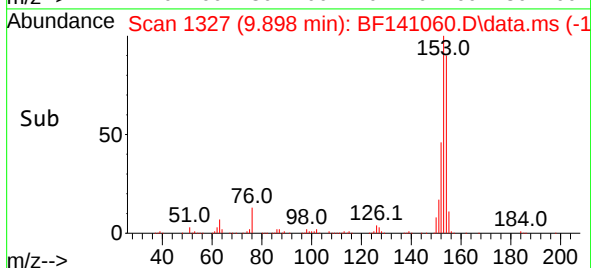
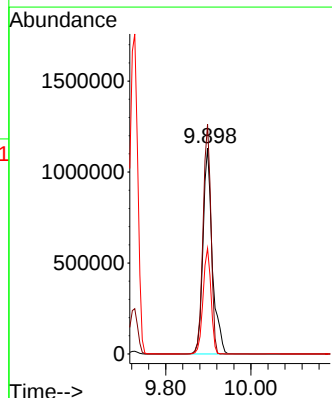
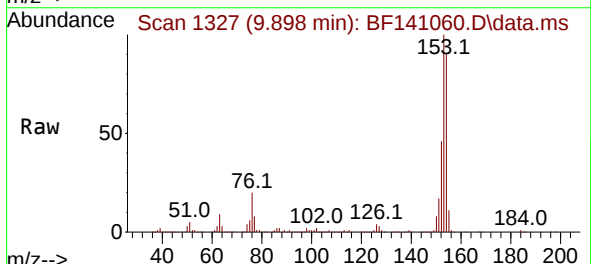
Instrument :
BNA_F
ClientSampleId :
PB165929BS

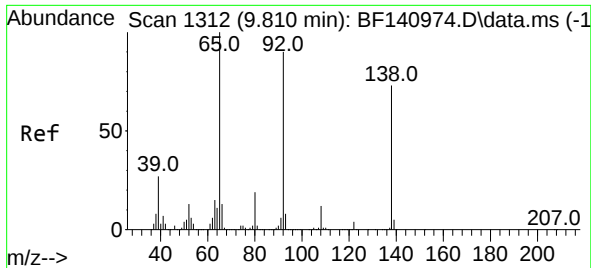
Tgt Ion:165 Resp: 407958
Ion Ratio Lower Upper
165 100
63 57.0 47.1 70.7
89 55.3 47.0 70.4



#52
Acenaphthene
Concen: 51.496 ng
RT: 9.898 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF141060.D
Acq: 02 Jan 2025 10:52

Tgt Ion:154 Resp: 1719890
Ion Ratio Lower Upper
154 100
153 111.6 89.2 133.8
152 51.3 40.9 61.3

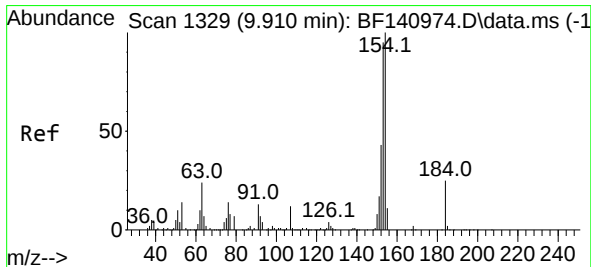
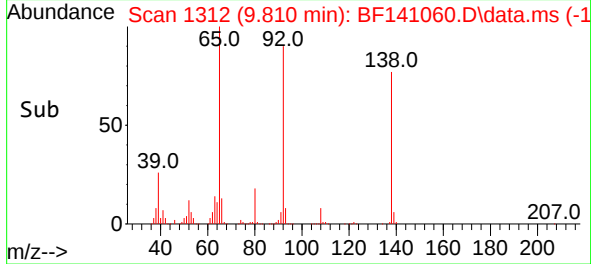
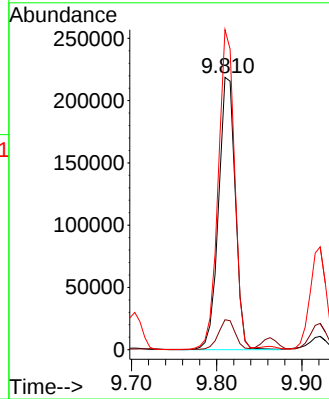
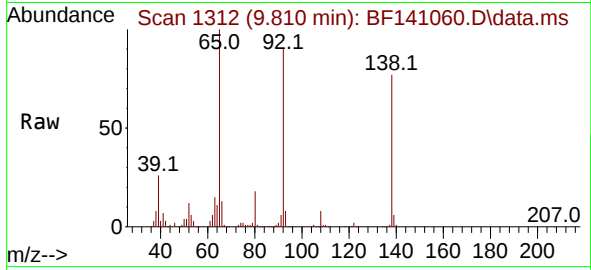




#53
3-Nitroaniline
Concen: 36.363 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141060.D
Acq: 02 Jan 2025 10:52

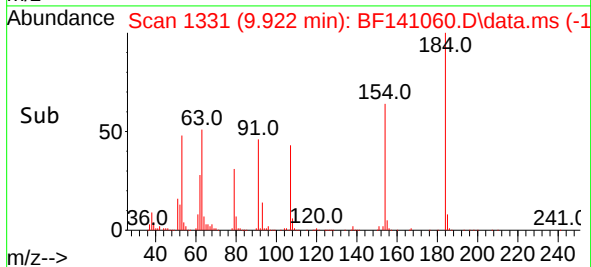
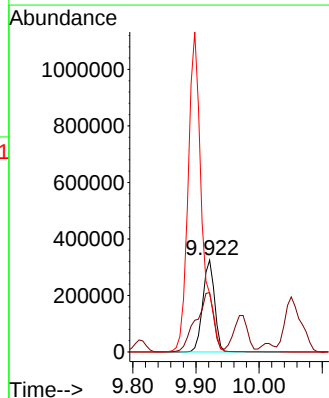
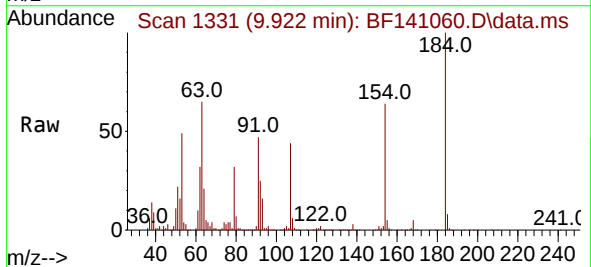
Instrument :
BNA_F
ClientSampleId :
PB165929BS

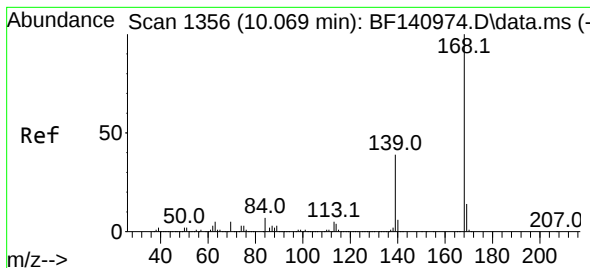
Tgt Ion:138 Resp: 299390
Ion Ratio Lower Upper
138 100
108 11.0 13.5 20.3#
92 117.5 97.7 146.5



#54
2,4-Dinitrophenol
Concen: 114.428 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.012 min
Lab File: BF141060.D
Acq: 02 Jan 2025 10:52

Tgt Ion:184 Resp: 423832
Ion Ratio Lower Upper
184 100
63 64.6 81.6 122.4#
154 63.8 363.5 545.3#

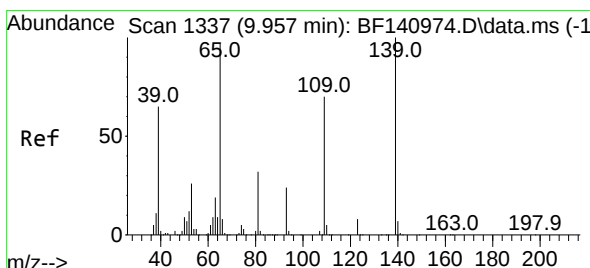
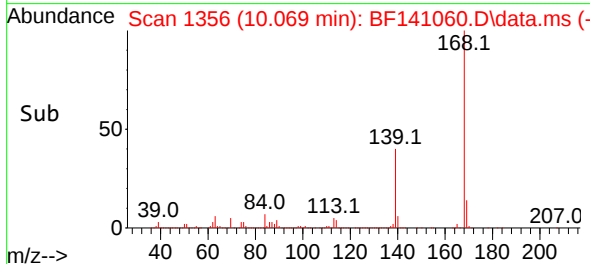
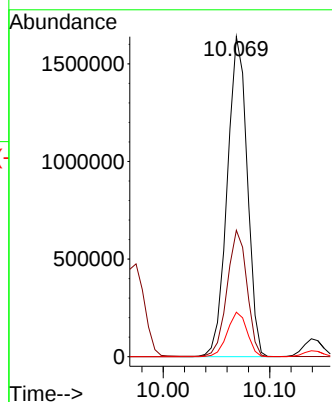
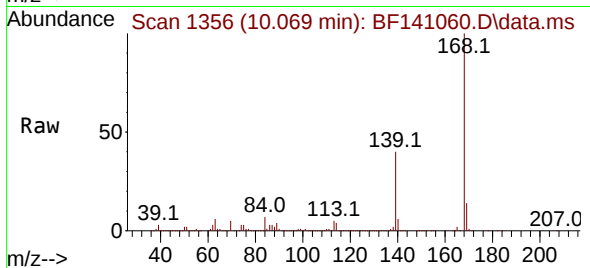




#55
Dibenzenofuran
Concen: 45.458 ng
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141060.D
Acq: 02 Jan 2025 10:52

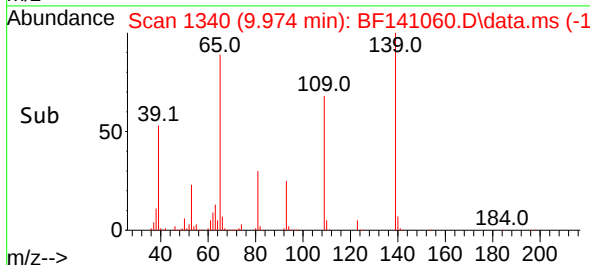
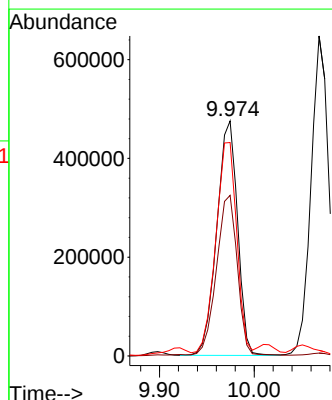
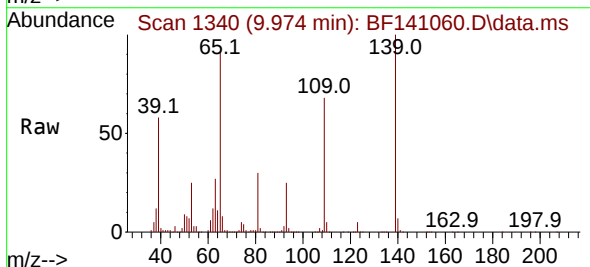
Instrument :
BNA_F
ClientSampleId :
PB165929BS

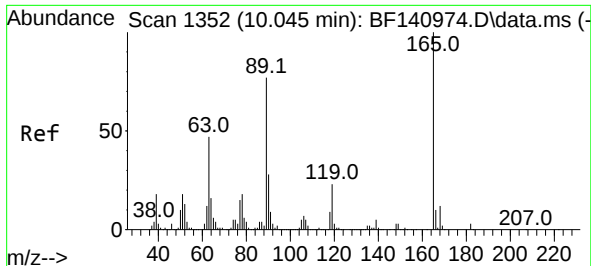
Tgt Ion:168 Resp: 2133613
Ion Ratio Lower Upper
168 100
139 39.5 31.6 47.4
169 13.9 11.0 16.6



#56
4-Nitrophenol
Concen: 111.459 ng
RT: 9.974 min Scan# 1340
Delta R.T. 0.017 min
Lab File: BF141060.D
Acq: 02 Jan 2025 10:52

Tgt Ion:139 Resp: 724724
Ion Ratio Lower Upper
139 100
109 68.4 50.8 90.8
65 90.9 78.5 118.5

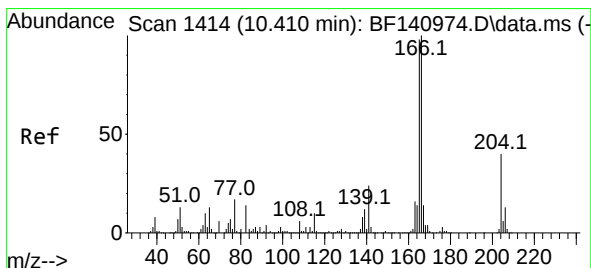
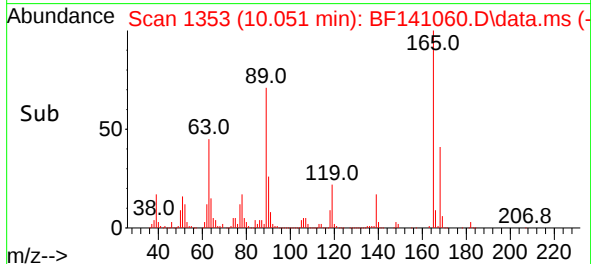
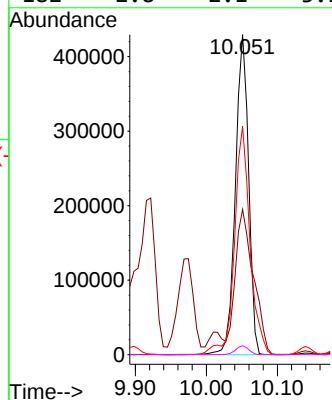
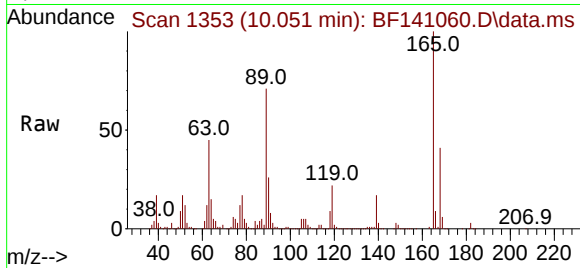




#57
2,4-Dinitrotoluene
Concen: 57.443 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF141060.D
Acq: 02 Jan 2025 10:52

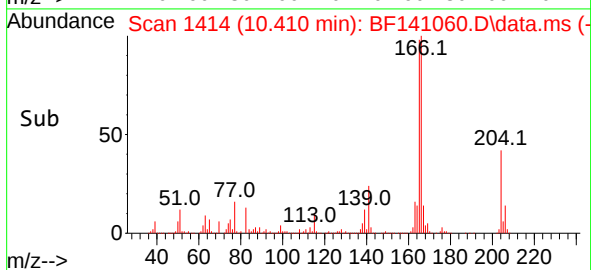
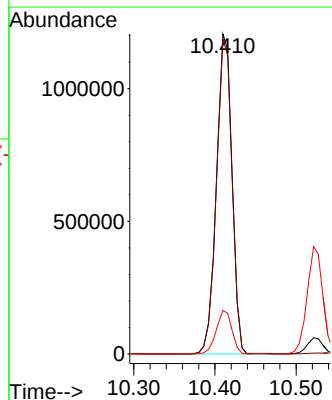
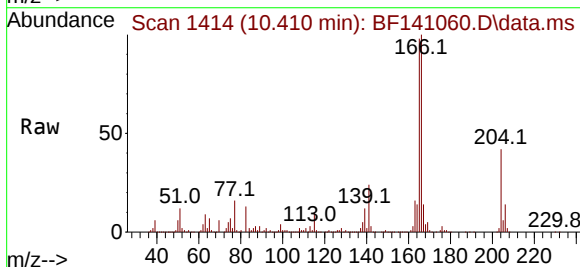
Instrument :
BNA_F
ClientSampleId :
PB165929BS

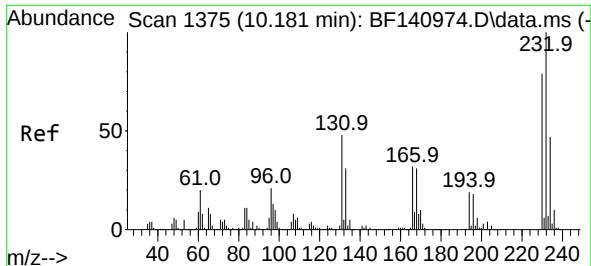
Tgt Ion:165 Resp: 554167
Ion Ratio Lower Upper
165 100
63 45.4 38.1 57.1
89 71.4 61.4 92.2
182 2.8 2.1 3.1



#58
Fluorene
Concen: 44.247 ng
RT: 10.410 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF141060.D
Acq: 02 Jan 2025 10:52

Tgt Ion:166 Resp: 1610424
Ion Ratio Lower Upper
166 100
165 98.4 78.3 117.5
167 13.6 10.9 16.3

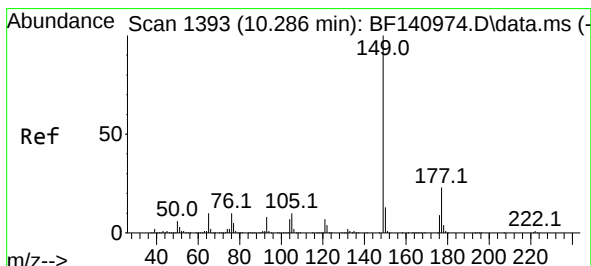
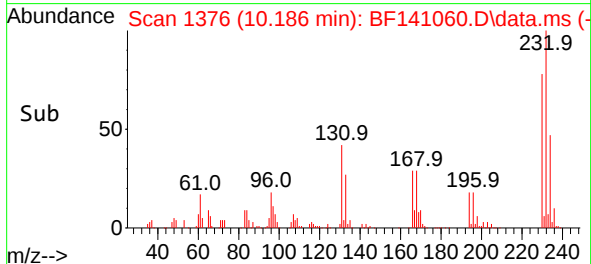
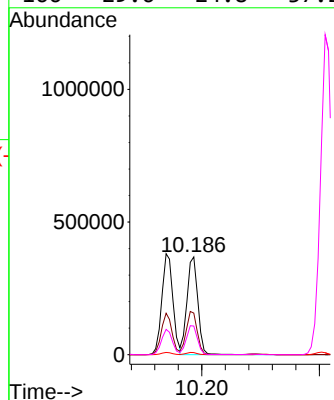
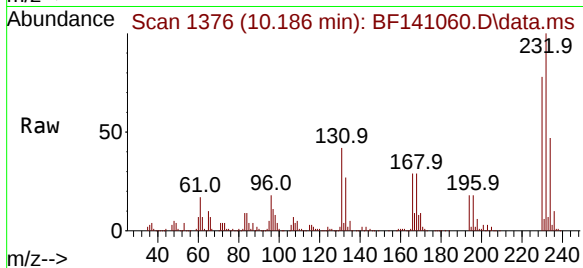




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.910 ng
RT: 10.186 min Scan# 1375
Delta R.T. 0.006 min
Lab File: BF141060.D
Acq: 02 Jan 2025 10:52

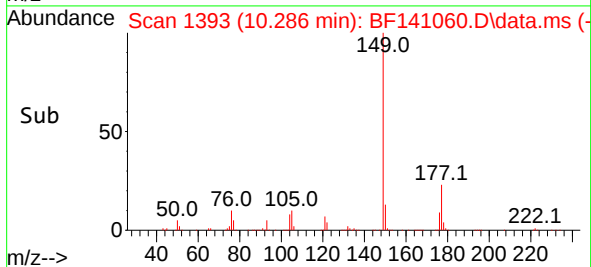
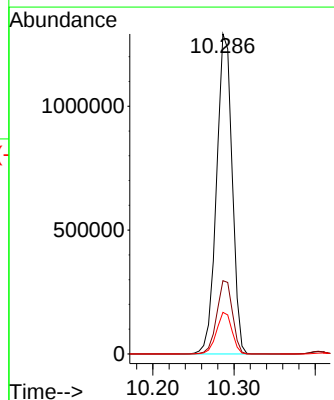
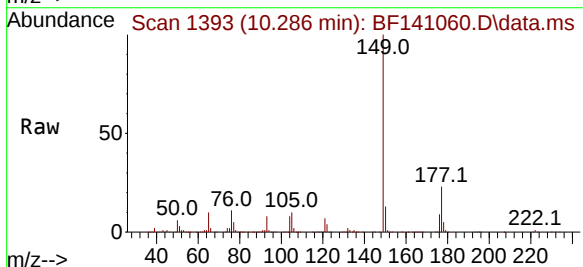
Instrument :
BNA_F
ClientSampleId :
PB165929BS

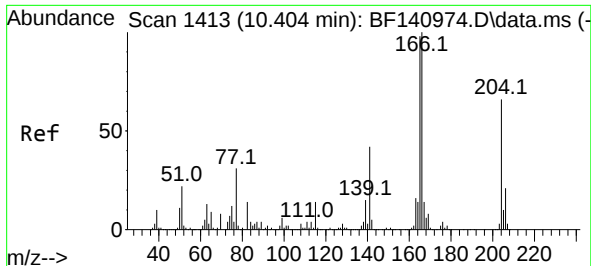
Tgt Ion:232 Resp: 474425
Ion Ratio Lower Upper
232 100
131 44.3 37.4 56.2
130 2.3 1.8 2.8
166 29.6 24.8 37.2



#60
Diethylphthalate
Concen: 46.106 ng
RT: 10.286 min Scan# 1393
Delta R.T. -0.000 min
Lab File: BF141060.D
Acq: 02 Jan 2025 10:52

Tgt Ion:149 Resp: 1730190
Ion Ratio Lower Upper
149 100
177 22.9 18.3 27.5
150 13.0 10.4 15.6

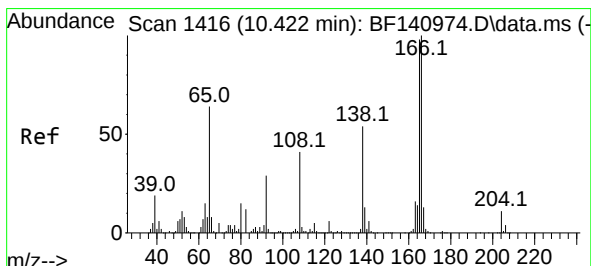
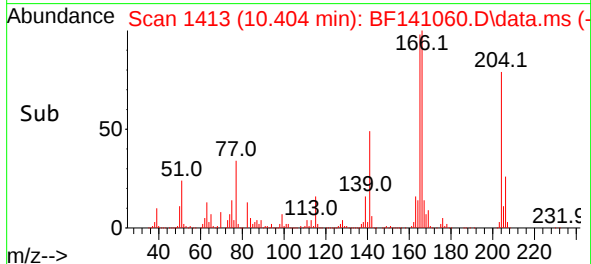
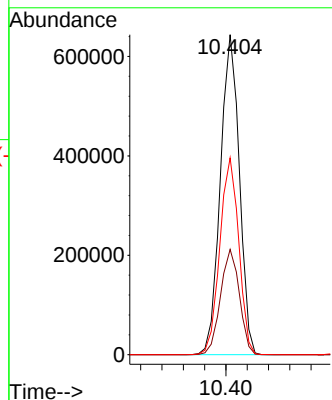
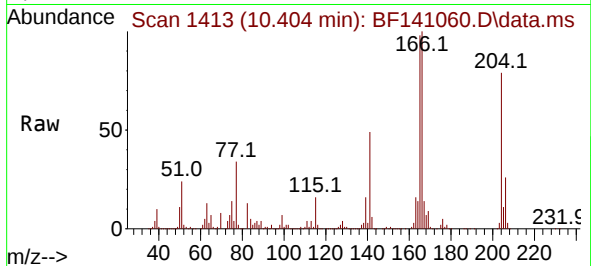




#61
4-Chlorophenyl-phenylether
Concen: 45.322 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF141060.D
Acq: 02 Jan 2025 10:52

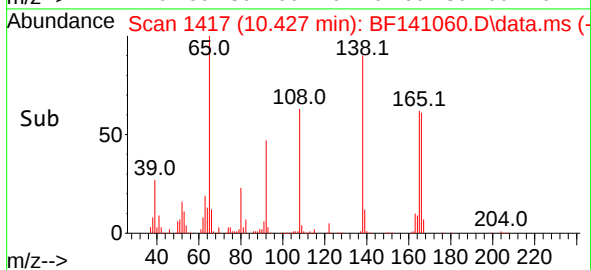
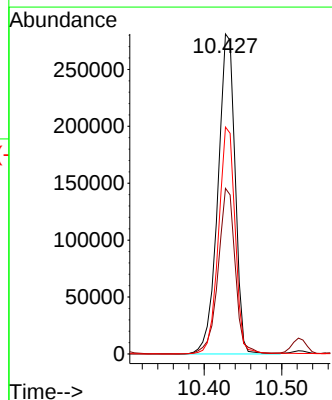
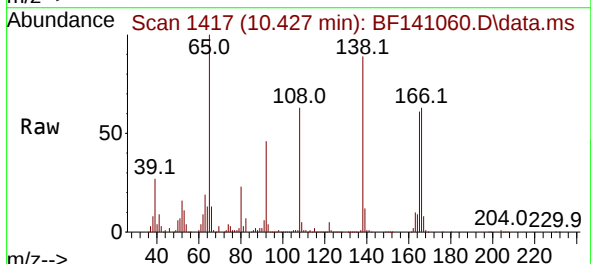
Instrument :
BNA_F
ClientSampleId :
PB165929BS

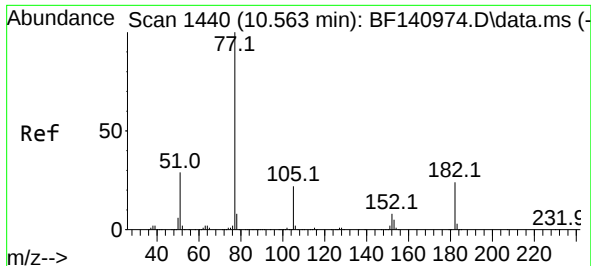
Tgt Ion:204 Resp: 793735
Ion Ratio Lower Upper
204 100
206 32.9 25.8 38.6
141 61.5 51.2 76.8



#62
4-Nitroaniline
Concen: 51.285 ng
RT: 10.427 min Scan# 1417
Delta R.T. 0.005 min
Lab File: BF141060.D
Acq: 02 Jan 2025 10:52

Tgt Ion:138 Resp: 433996
Ion Ratio Lower Upper
138 100
92 51.7 34.8 74.8
108 70.9 55.9 95.9

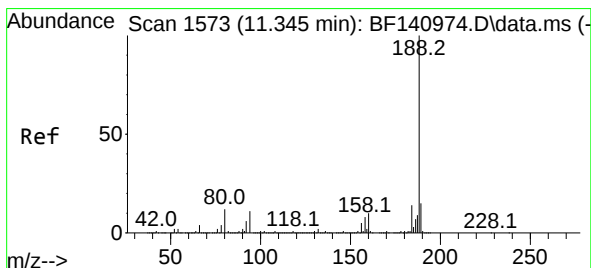
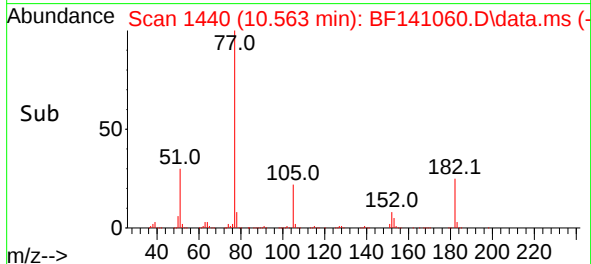
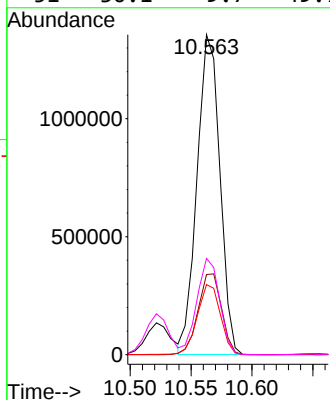
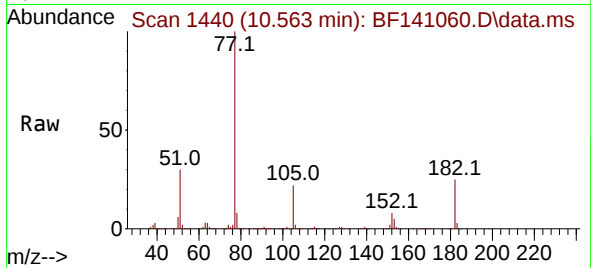




#63
Azobenzene
Concen: 44.937 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF141060.D
Acq: 02 Jan 2025 10:52

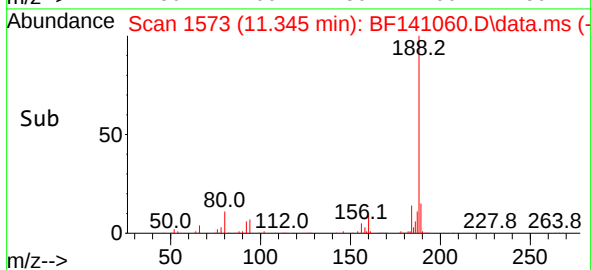
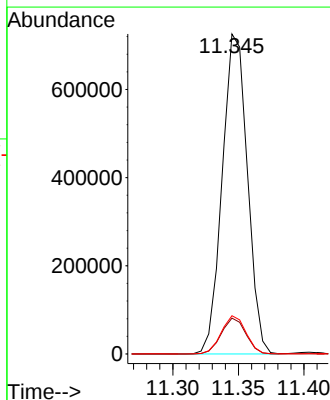
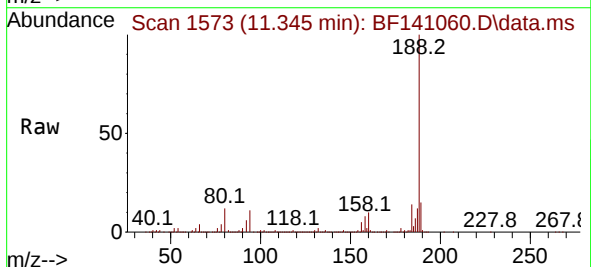
Instrument :
BNA_F
ClientSampleId :
PB165929BS

Tgt Ion: 77 Resp: 1769990
Ion Ratio Lower Upper
77 100
182 25.0 4.1 44.1
105 21.9 1.8 41.8
51 30.1 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: BF141060.D
Acq: 02 Jan 2025 10:52

Tgt Ion:188 Resp: 969766
Ion Ratio Lower Upper
188 100
94 11.2 9.0 13.6
80 12.0 9.8 14.6

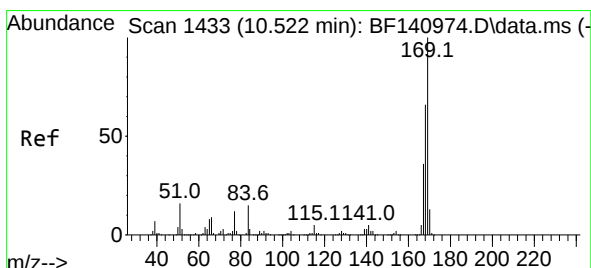
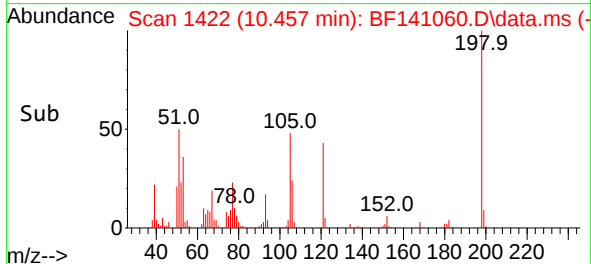
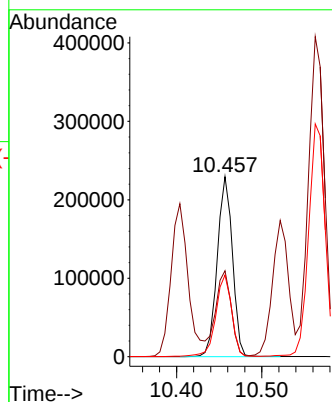
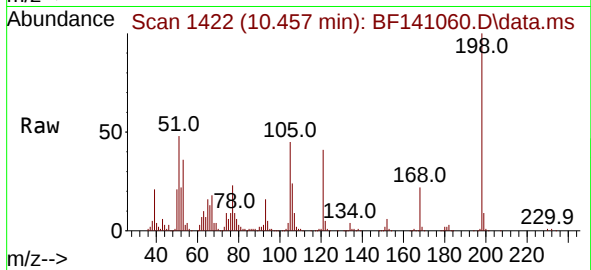




#65
4,6-Dinitro-2-methylphenol
Concen: 68.636 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF141060.D
Acq: 02 Jan 2025 10:52

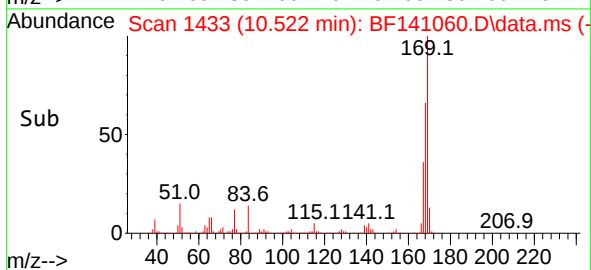
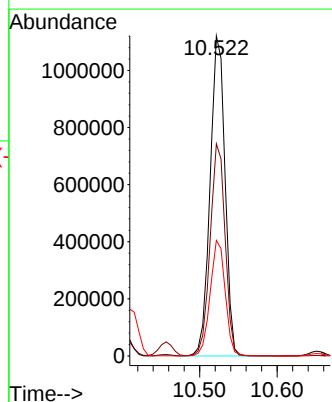
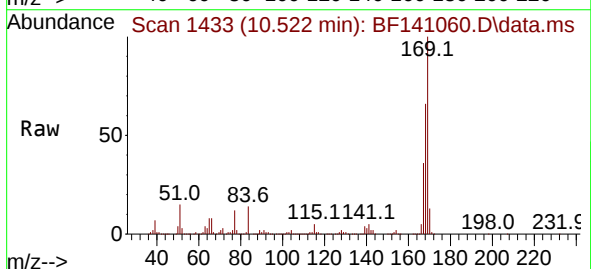
Instrument :
BNA_F
ClientSampleId :
PB165929BS

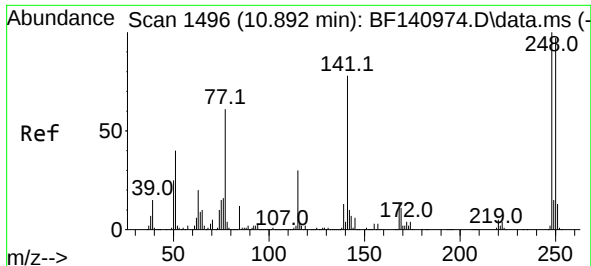
Tgt Ion:198 Resp: 284670
Ion Ratio Lower Upper
198 100
51 47.8 32.3 72.3
105 45.3 28.4 68.4



#66
n-Nitrosodiphenylamine
Concen: 48.891 ng
RT: 10.522 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF141060.D
Acq: 02 Jan 2025 10:52

Tgt Ion:169 Resp: 1493027
Ion Ratio Lower Upper
169 100
168 66.3 52.6 79.0
167 36.1 29.0 43.4

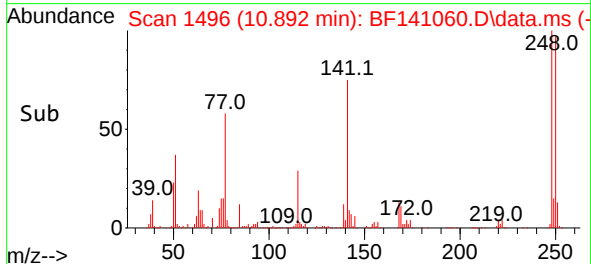
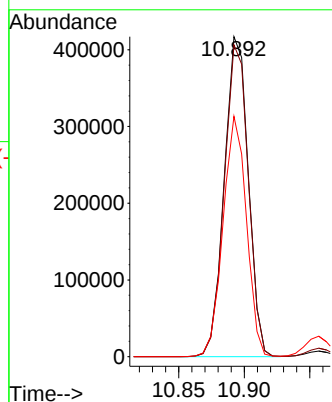
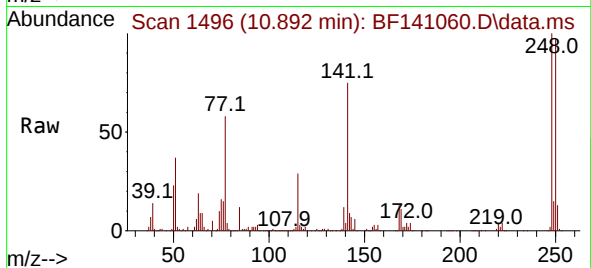




#67
4-Bromophenyl-phenylether
Concen: 50.714 ng
RT: 10.892 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BF141060.D
Acq: 02 Jan 2025 10:52

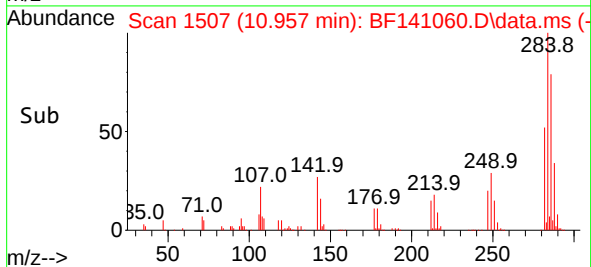
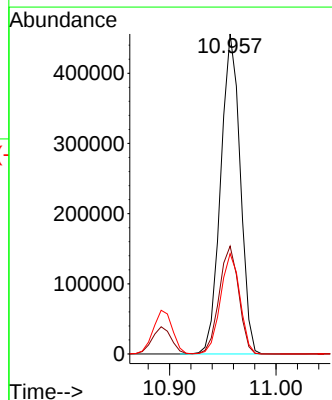
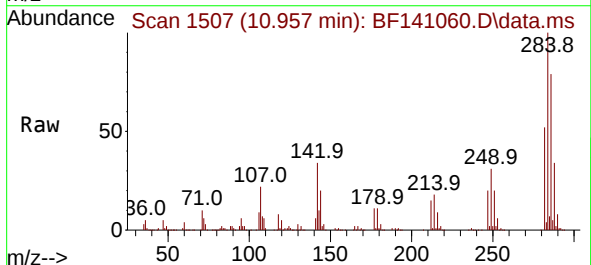
Instrument :
BNA_F
ClientSampleId :
PB165929BS

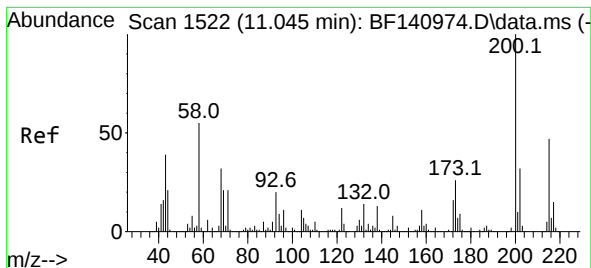
Tgt Ion:248 Resp: 531656
Ion Ratio Lower Upper
248 100
250 97.4 77.7 116.5
141 75.1 62.1 93.1



#68
Hexachlorobenzene
Concen: 50.086 ng
RT: 10.957 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BF141060.D
Acq: 02 Jan 2025 10:52

Tgt Ion:284 Resp: 578968
Ion Ratio Lower Upper
284 100
142 33.7 27.1 40.7
249 31.3 25.1 37.7





#69

Atrazine

Concen: 60.436 ng

RT: 11.051 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF141060.D

Acq: 02 Jan 2025 10:52

Instrument :

BNA_F

ClientSampleId :

PB165929BS

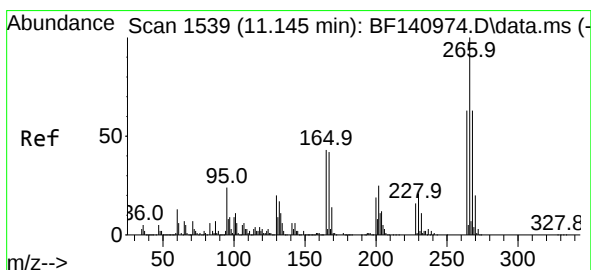
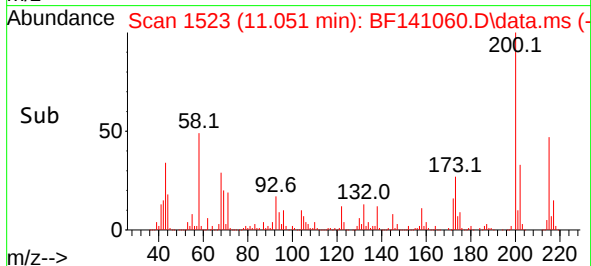
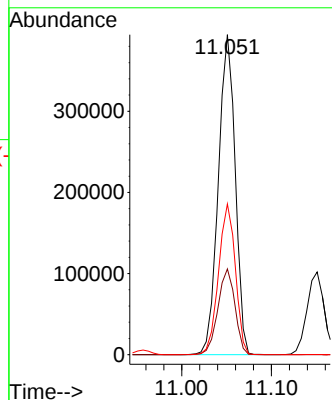
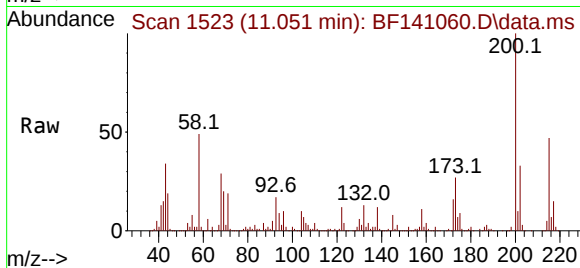
Tgt Ion:200 Resp: 515592

Ion Ratio Lower Upper

200 100

173 26.8 6.4 46.4

215 47.1 27.2 67.2



#70

Pentachlorophenol

Concen: 101.569 ng

RT: 11.151 min Scan# 1540

Delta R.T. 0.006 min

Lab File: BF141060.D

Acq: 02 Jan 2025 10:52

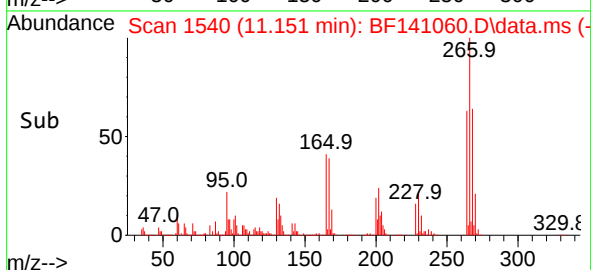
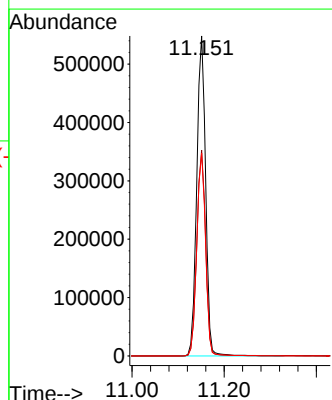
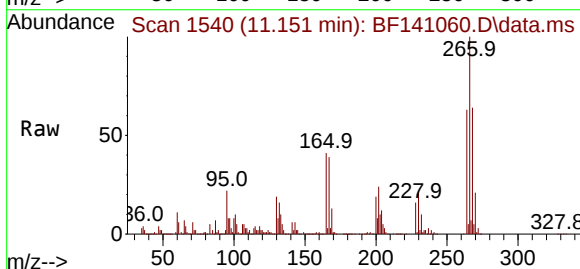
Tgt Ion:266 Resp: 730998

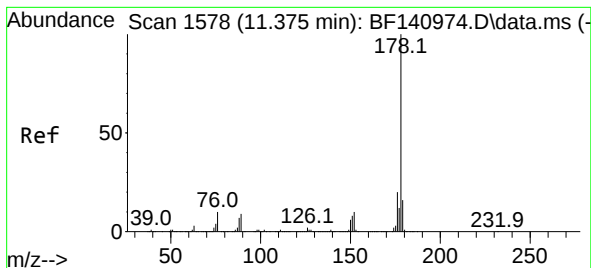
Ion Ratio Lower Upper

266 100

268 64.3 50.5 75.7

264 63.4 50.2 75.4





#71

Phenanthrene

Concen: 48.257 ng

RT: 11.374 min Scan# 1578

Delta R.T. -0.000 min

Lab File: BF141060.D

Acq: 02 Jan 2025 10:52

Instrument :

BNA_F

ClientSampleId :

PB165929BS

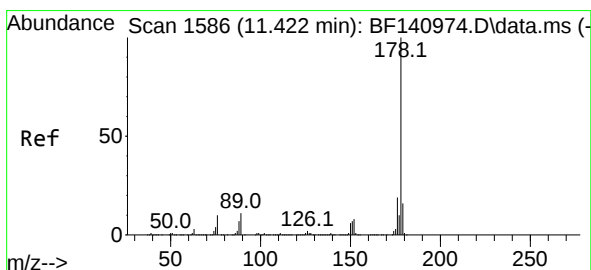
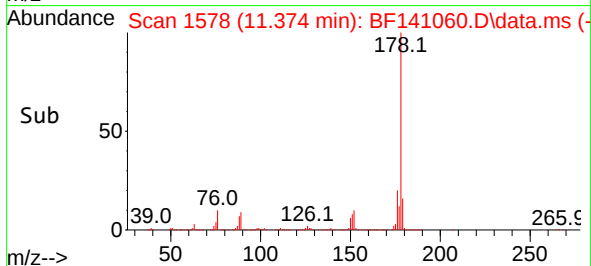
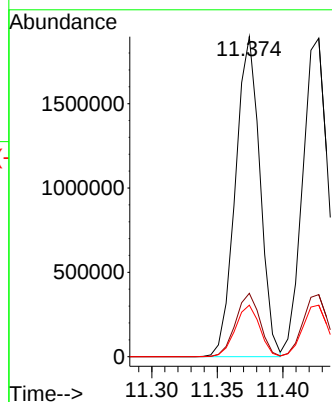
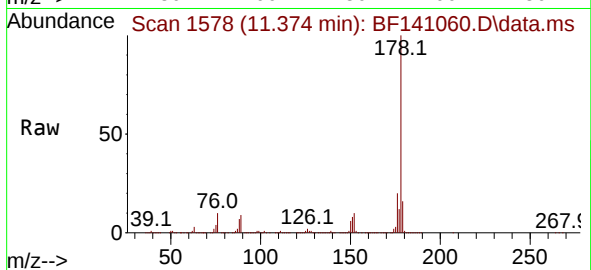
Tgt Ion:178 Resp: 2463042

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.6

179 16.1 12.6 19.0



#72

Anthracene

Concen: 50.208 ng

RT: 11.427 min Scan# 1587

Delta R.T. 0.006 min

Lab File: BF141060.D

Acq: 02 Jan 2025 10:52

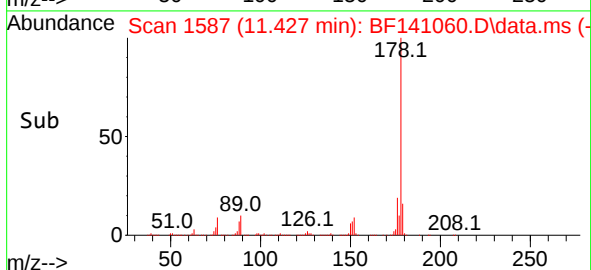
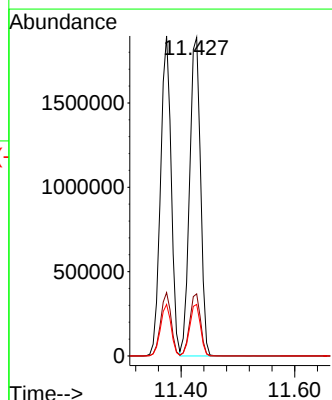
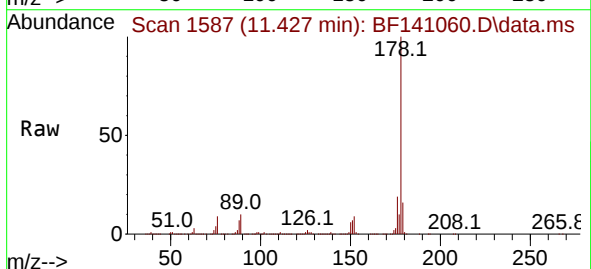
Tgt Ion:178 Resp: 2511020

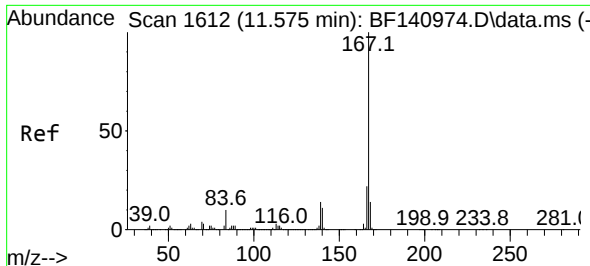
Ion Ratio Lower Upper

178 100

176 19.5 15.3 22.9

179 16.2 12.9 19.3

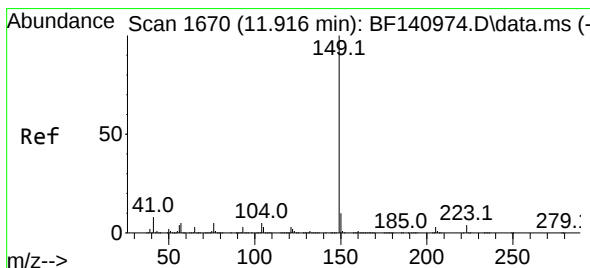
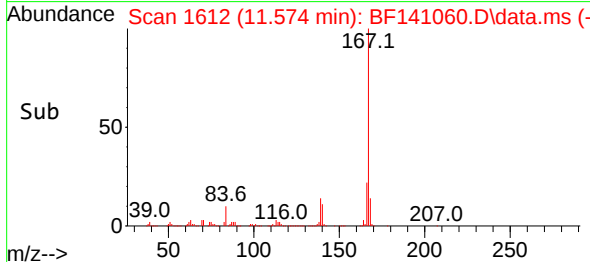
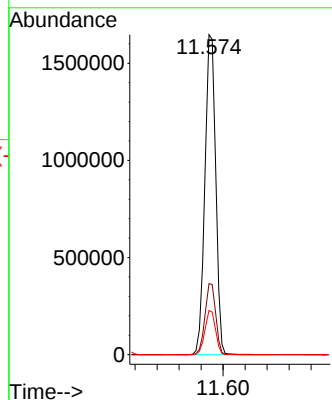
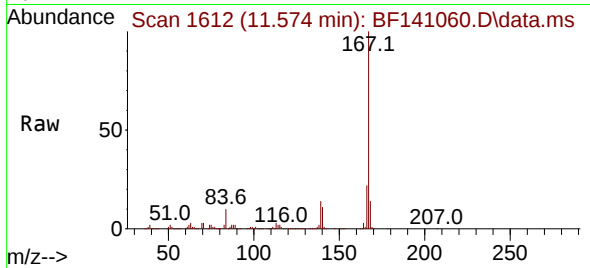




#73
 Carbazole
 Concen: 46.793 ng
 RT: 11.574 min Scan# 1612
 Delta R.T. -0.000 min
 Lab File: BF141060.D
 Acq: 02 Jan 2025 10:52

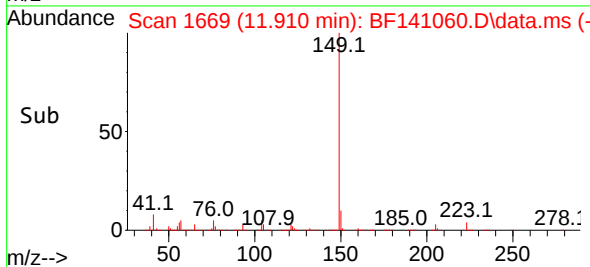
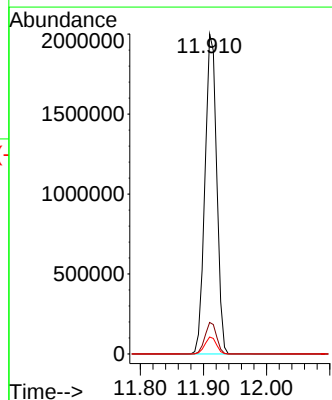
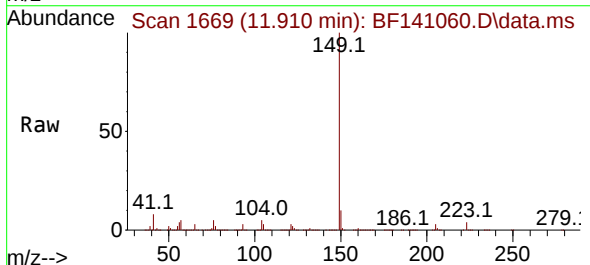
Instrument :
 BNA_F
 ClientSampleId :
 PB165929BS

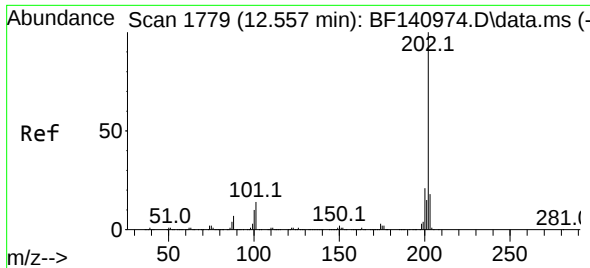
Tgt Ion:167 Resp: 2249714
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.5 26.3
 139 13.8 11.0 16.4



#74
 Di-n-butylphthalate
 Concen: 47.262 ng
 RT: 11.910 min Scan# 1669
 Delta R.T. -0.006 min
 Lab File: BF141060.D
 Acq: 02 Jan 2025 10:52

Tgt Ion:149 Resp: 2584495
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.7 11.5
 104 5.3 4.1 6.1

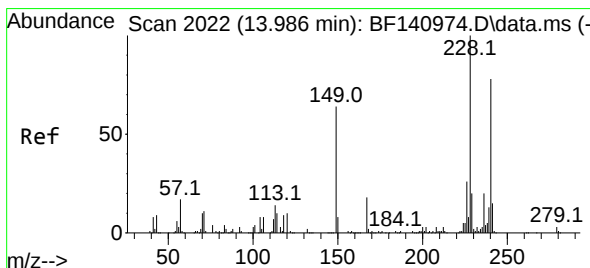
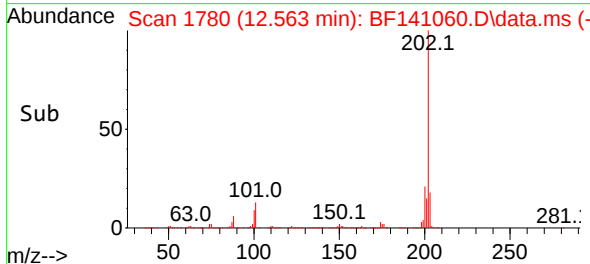
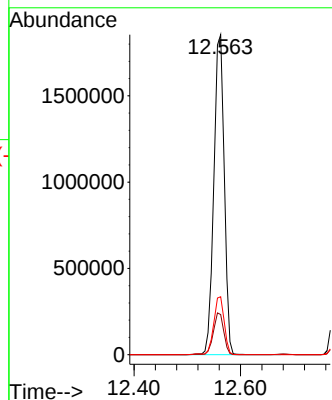
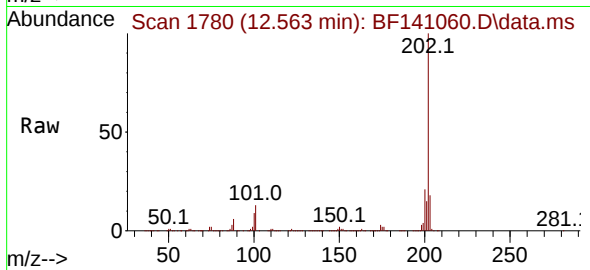




#75
Fluoranthene
Concen: 45.606 ng
RT: 12.563 min Scan# 1779
Delta R.T. 0.006 min
Lab File: BF141060.D
Acq: 02 Jan 2025 10:52

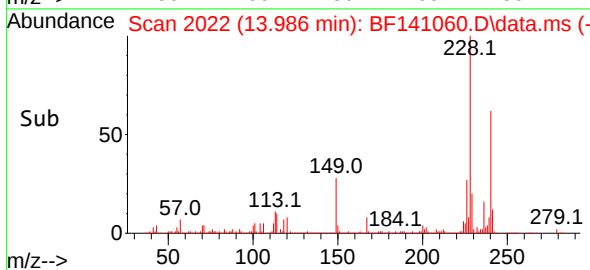
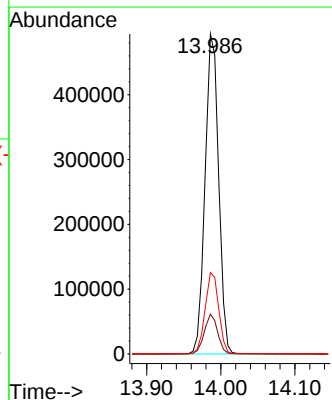
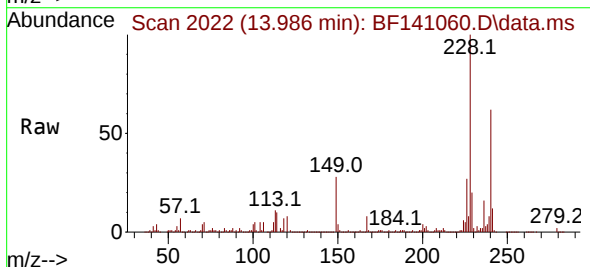
Instrument :
BNA_F
ClientSampleId :
PB165929BS

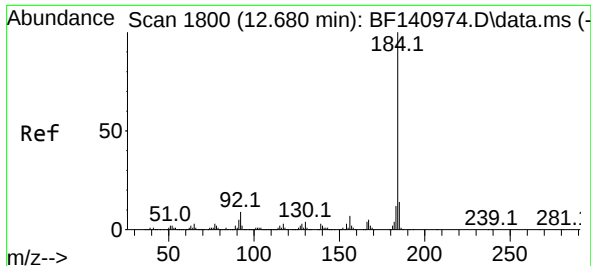
Tgt Ion:202 Resp: 2524573
Ion Ratio Lower Upper
202 100
101 12.6 0.0 33.7
203 18.1 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF141060.D
Acq: 02 Jan 2025 10:52

Tgt Ion:240 Resp: 628691
Ion Ratio Lower Upper
240 100
120 12.4 10.7 16.1
236 25.4 20.6 31.0

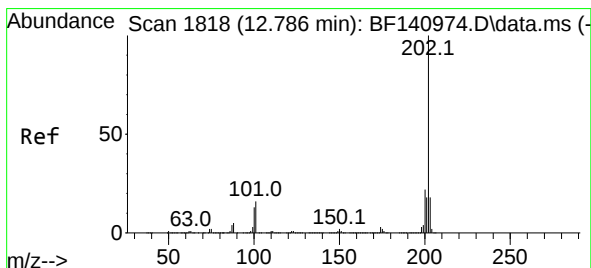
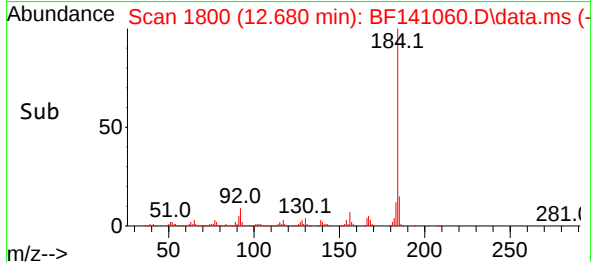
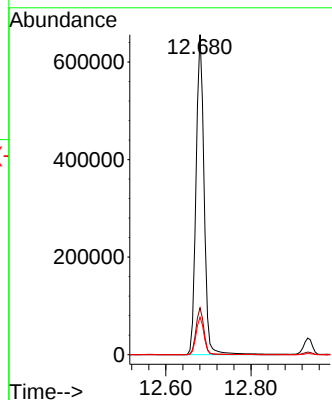
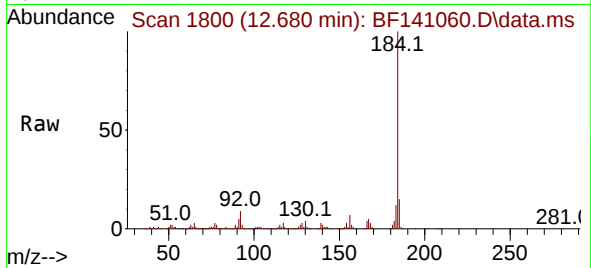




#77
Benzidine
Concen: 64.742 ng
RT: 12.680 min Scan# 1800
Delta R.T. -0.000 min
Lab File: BF141060.D
Acq: 02 Jan 2025 10:52

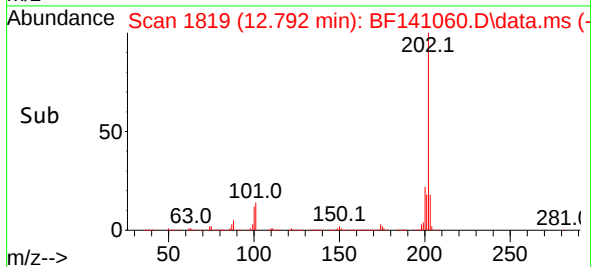
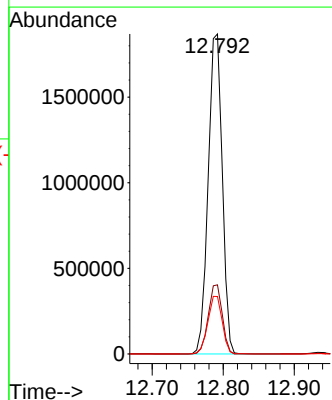
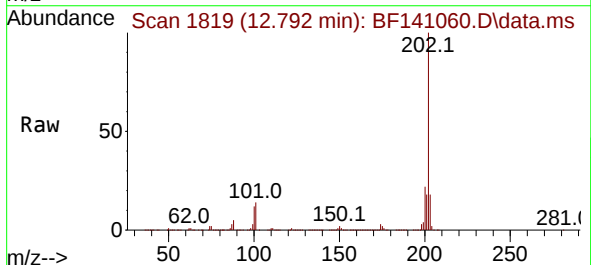
Instrument :
BNA_F
ClientSampleId :
PB165929BS

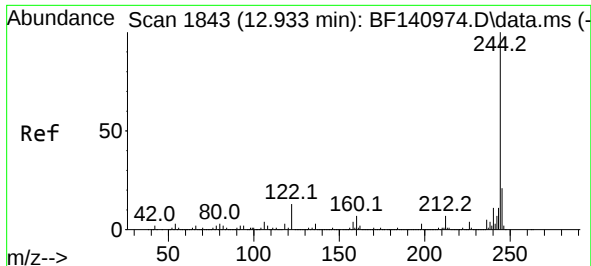
Tgt Ion:184 Resp: 860205
Ion Ratio Lower Upper
184 100
185 14.6 11.4 17.2
183 11.7 9.4 14.0



#78
Pyrene
Concen: 46.885 ng
RT: 12.792 min Scan# 1819
Delta R.T. 0.006 min
Lab File: BF141060.D
Acq: 02 Jan 2025 10:52

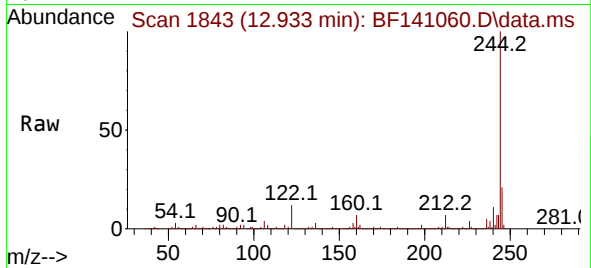
Tgt Ion:202 Resp: 2577934
Ion Ratio Lower Upper
202 100
200 21.6 17.3 25.9
203 17.9 14.6 21.8



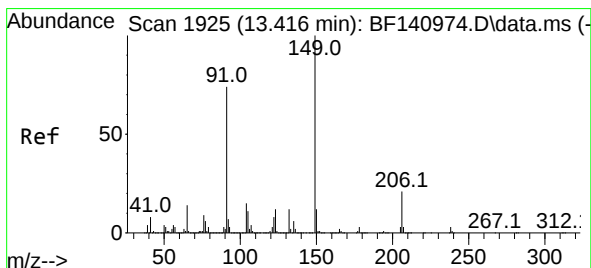
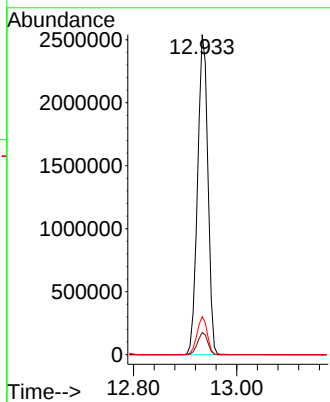
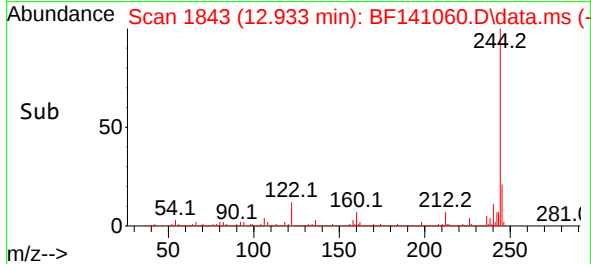


#79
 Terphenyl-d14
 Concen: 92.692 ng
 RT: 12.933 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF141060.D
 Acq: 02 Jan 2025 10:52

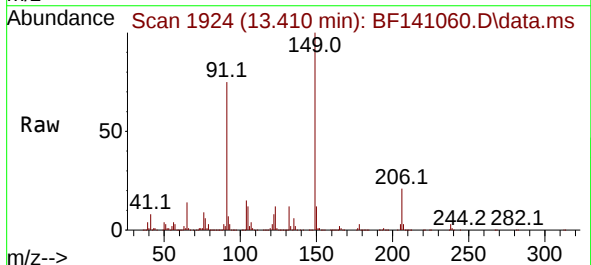
Instrument :
 BNA_F
 ClientSampleId :
 PB165929BS



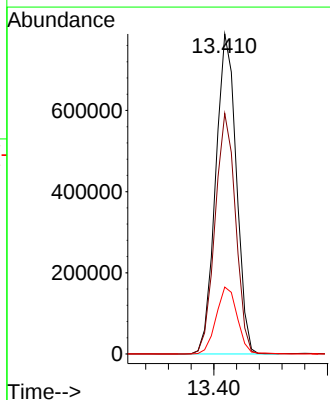
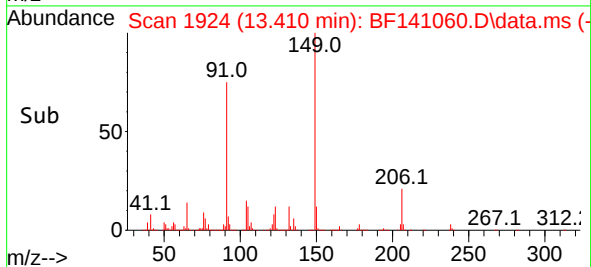
Tgt Ion:244 Resp: 3508410
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 11.9 10.2 15.2

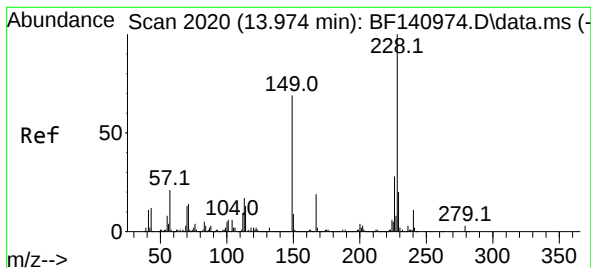


#80
 Butylbenzylphthalate
 Concen: 49.708 ng
 RT: 13.410 min Scan# 1924
 Delta R.T. -0.006 min
 Lab File: BF141060.D
 Acq: 02 Jan 2025 10:52



Tgt Ion:149 Resp: 998024
 Ion Ratio Lower Upper
 149 100
 91 75.1 59.5 89.3
 206 20.9 17.1 25.7





#81

Benzo(a)anthracene

Concen: 45.515 ng

RT: 13.974 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF141060.D

Acq: 02 Jan 2025 10:52

Instrument :

BNA_F

ClientSampleId :

PB165929BS

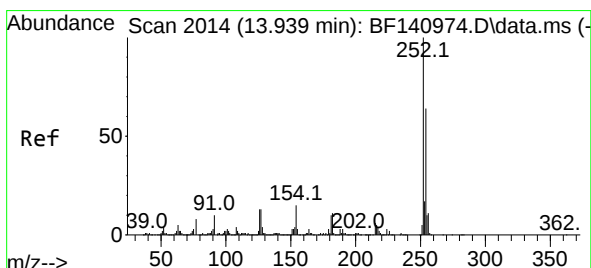
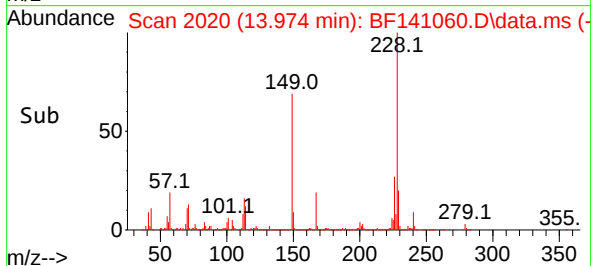
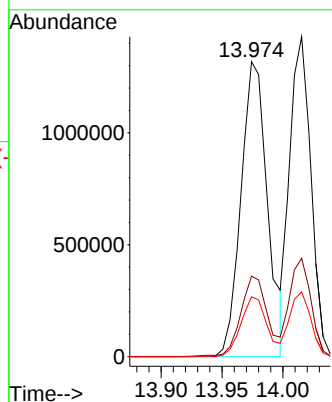
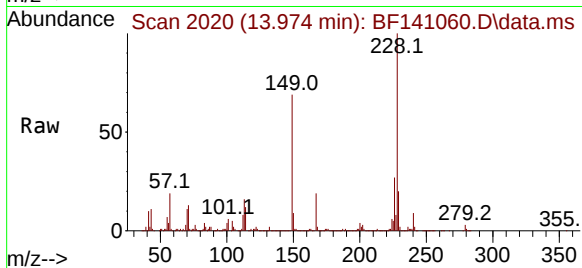
Tgt Ion:228 Resp: 1994309

Ion Ratio Lower Upper

228 100

226 27.3 22.1 33.1

229 20.3 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 34.089 ng

RT: 13.939 min Scan# 2014

Delta R.T. -0.000 min

Lab File: BF141060.D

Acq: 02 Jan 2025 10:52

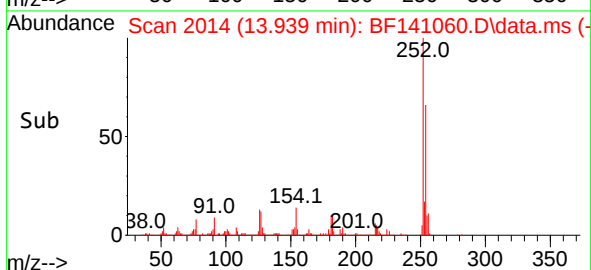
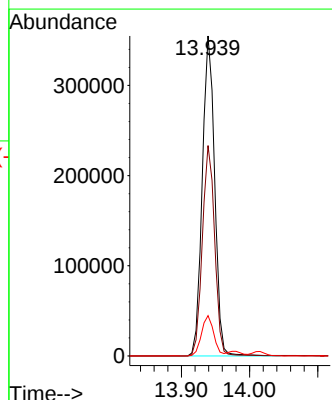
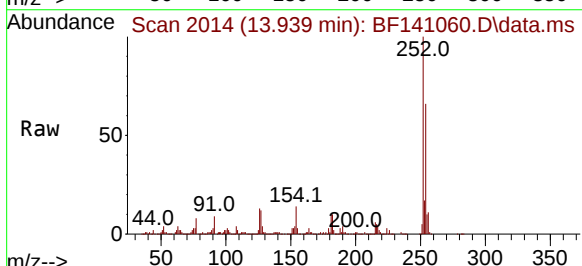
Tgt Ion:252 Resp: 448761

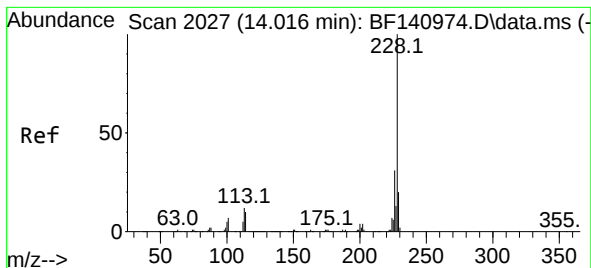
Ion Ratio Lower Upper

252 100

254 65.8 51.5 77.3

126 12.6 10.3 15.5





#83

Chrysene

Concen: 44.124 ng

RT: 14.015 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF141060.D

Acq: 02 Jan 2025 10:52

Instrument :

BNA_F

ClientSampleId :

PB165929BS

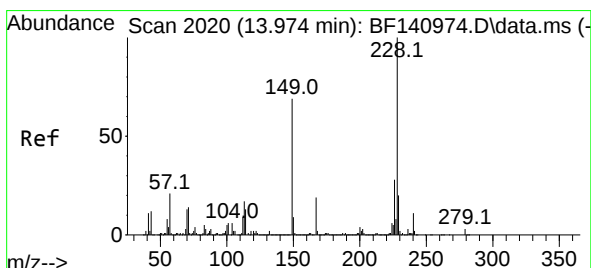
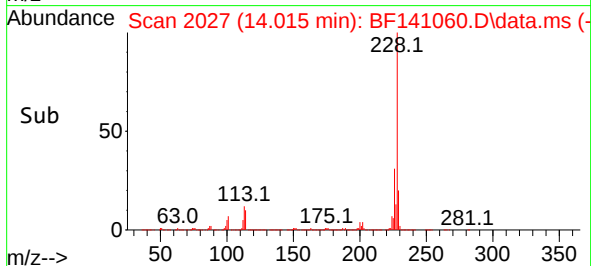
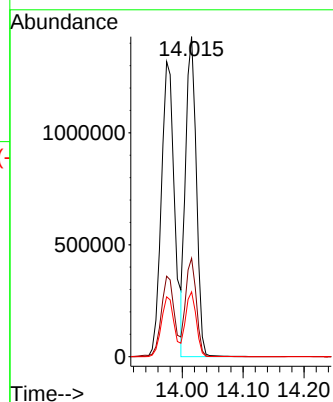
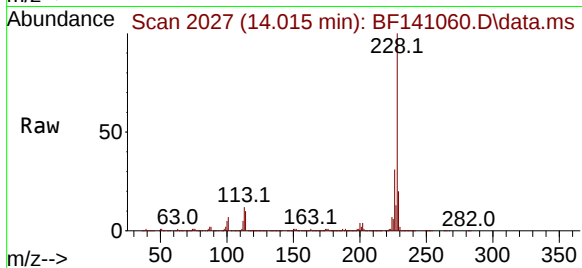
Tgt Ion:228 Resp: 1742835

Ion Ratio Lower Upper

228 100

226 30.8 24.5 36.7

229 20.2 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.727 ng

RT: 13.974 min Scan# 2020

Delta R.T. -0.000 min

Lab File: BF141060.D

Acq: 02 Jan 2025 10:52

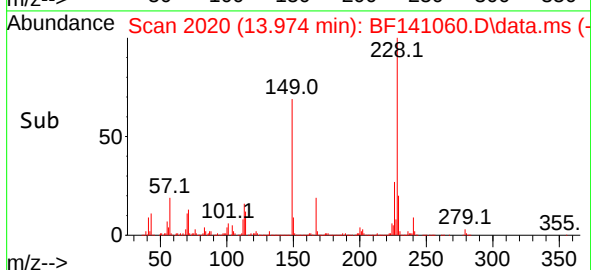
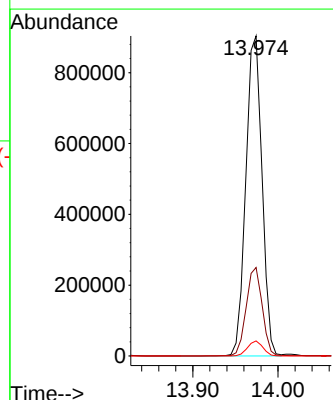
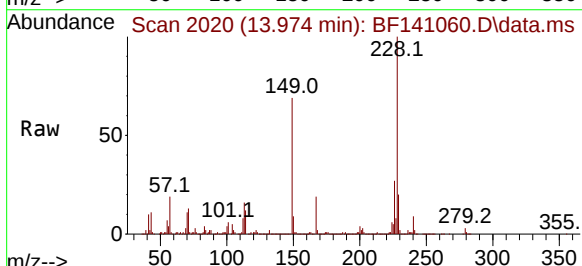
Tgt Ion:149 Resp: 1190895

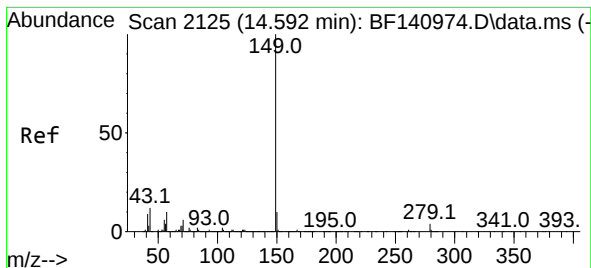
Ion Ratio Lower Upper

149 100

167 27.6 21.6 32.4

279 4.7 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 49.238 ng

RT: 14.586 min Scan# 2125

Delta R.T. -0.006 min

Lab File: BF141060.D

Acq: 02 Jan 2025 10:52

Instrument :

BNA_F

ClientSampleId :

PB165929BS

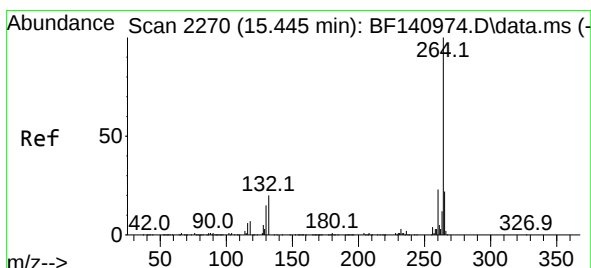
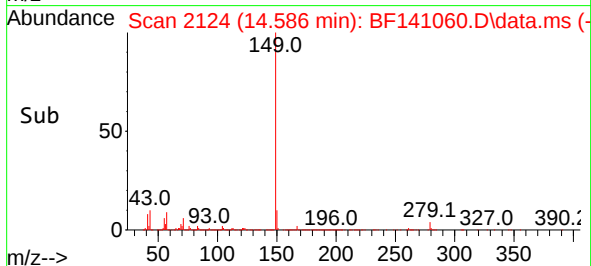
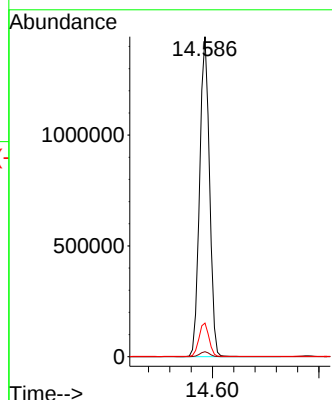
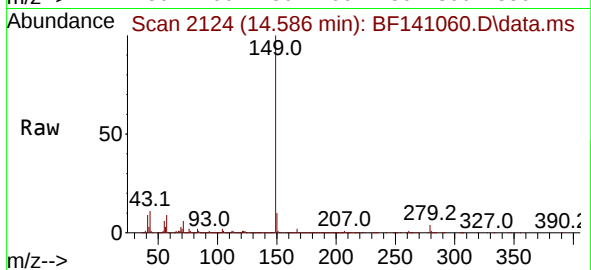
Tgt Ion:149 Resp: 1855975

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.6 9.3 13.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2269

Delta R.T. -0.006 min

Lab File: BF141060.D

Acq: 02 Jan 2025 10:52

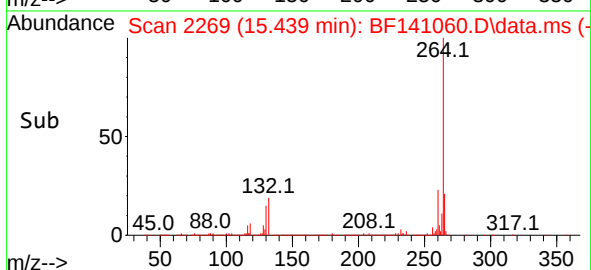
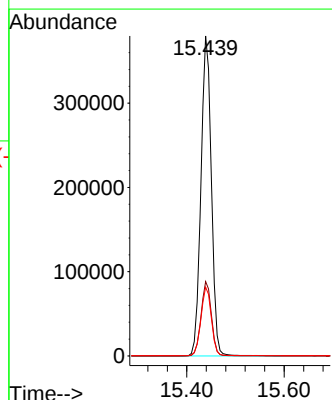
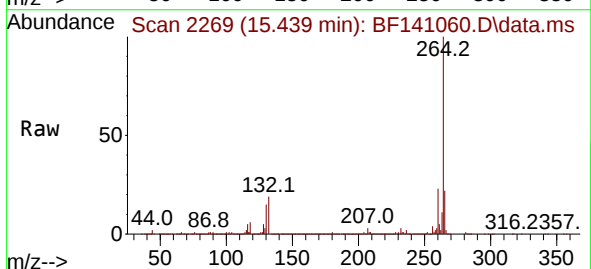
Tgt Ion:264 Resp: 567225

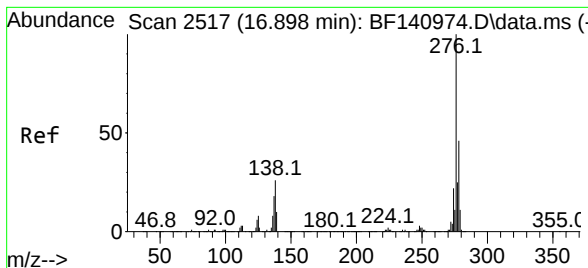
Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 21.5 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.922 ng

RT: 16.898 min Scan# 2197

Delta R.T. -0.000 min

Lab File: BF141060.D

Acq: 02 Jan 2025 10:52

Instrument :

BNA_F

ClientSampleId :

PB165929BS

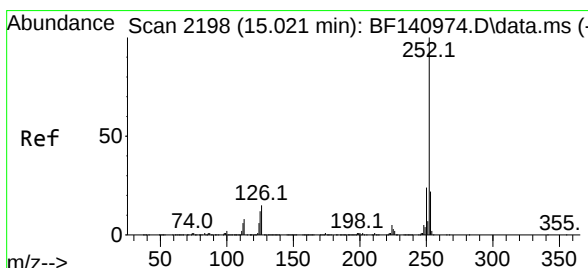
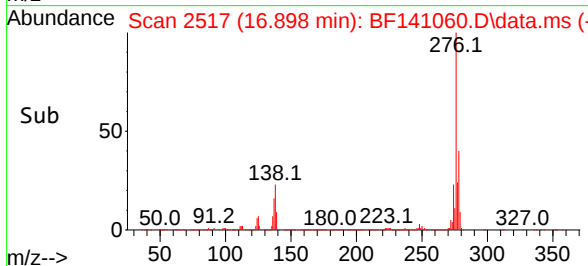
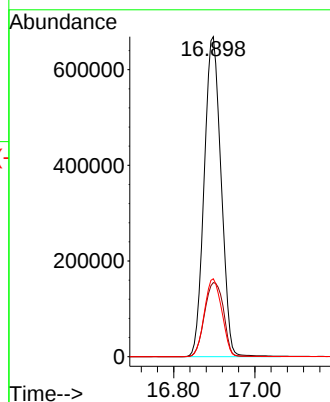
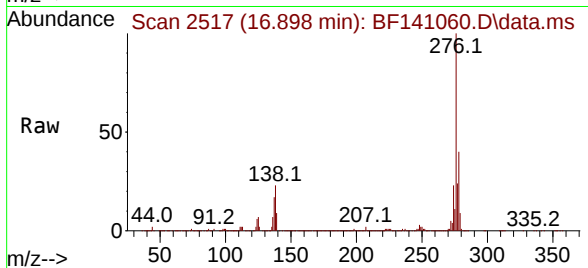
Tgt Ion:276 Resp: 1926967

Ion Ratio Lower Upper

276 100

138 26.1 23.1 34.7

277 25.3 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 43.756 ng

RT: 15.021 min Scan# 2198

Delta R.T. -0.000 min

Lab File: BF141060.D

Acq: 02 Jan 2025 10:52

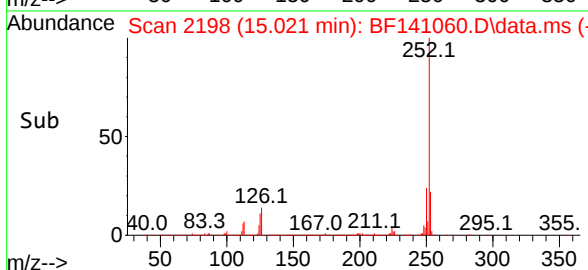
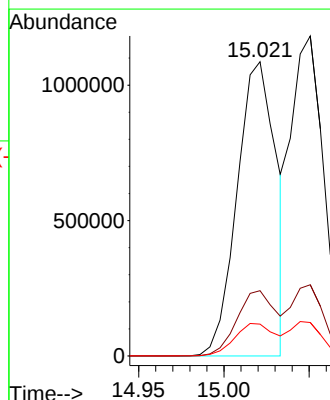
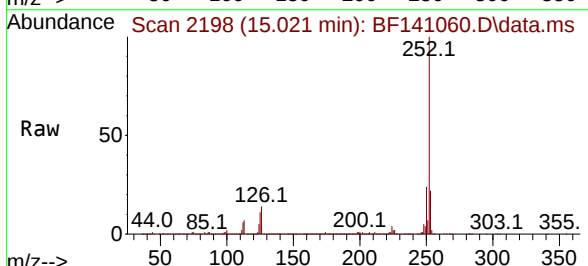
Tgt Ion:252 Resp: 1731021

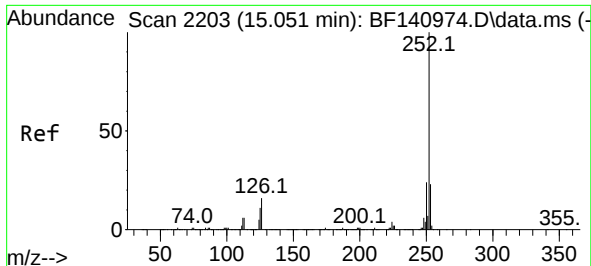
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 10.8 9.3 13.9

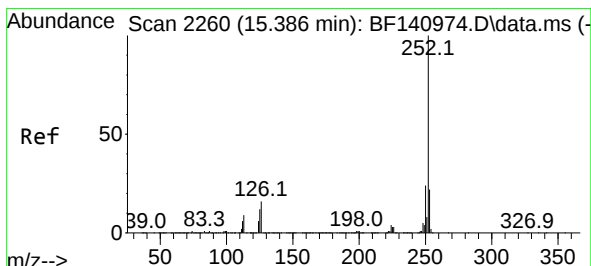
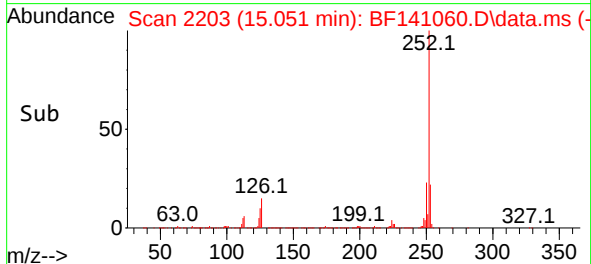
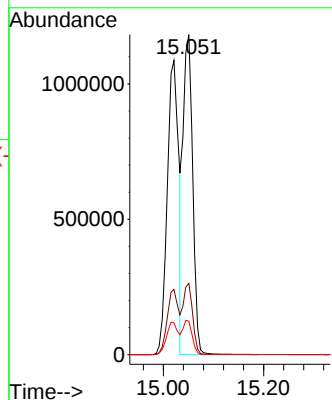
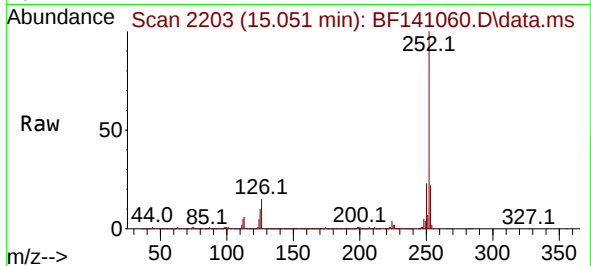




#89
Benzo(k)fluoranthene
Concen: 50.837 ng
RT: 15.051 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF141060.D
Acq: 02 Jan 2025 10:52

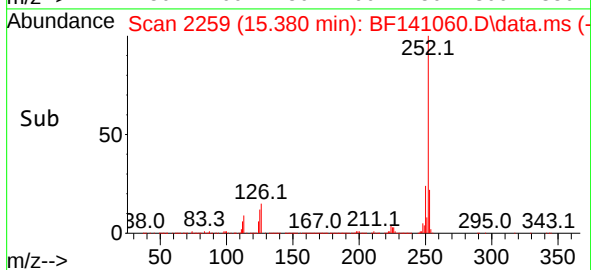
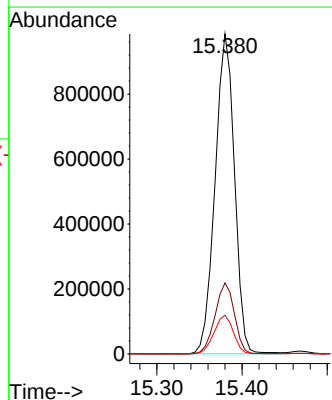
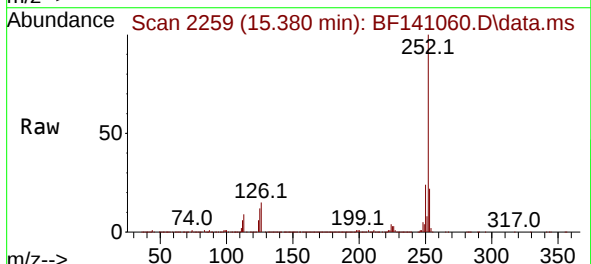
Instrument :
BNA_F
ClientSampleId :
PB165929BS

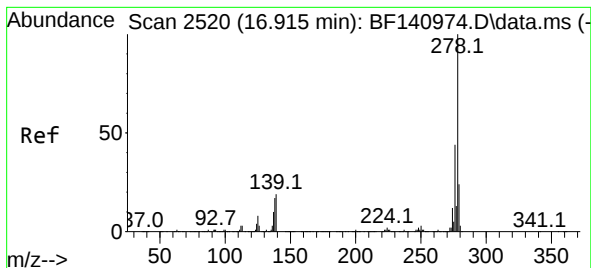
Tgt Ion:252 Resp: 1576263
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 10.5 9.4 14.0



#90
Benzo(a)pyrene
Concen: 50.840 ng
RT: 15.380 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BF141060.D
Acq: 02 Jan 2025 10:52

Tgt Ion:252 Resp: 1561084
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 12.1 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 53.055 ng

RT: 16.915 min Scan# 2520

Delta R.T. -0.000 min

Lab File: BF141060.D

Acq: 02 Jan 2025 10:52

Instrument :

BNA_F

ClientSampleId :

PB165929BS

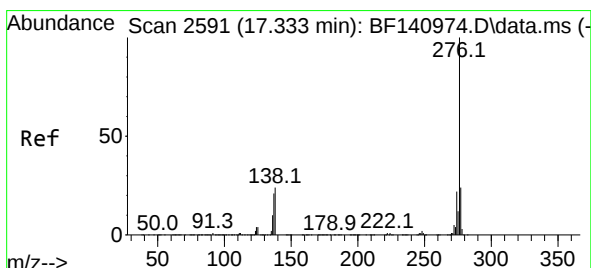
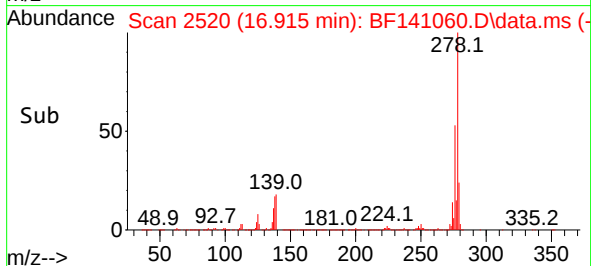
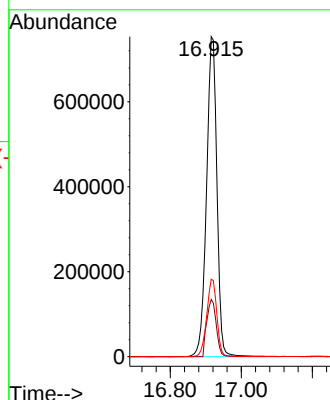
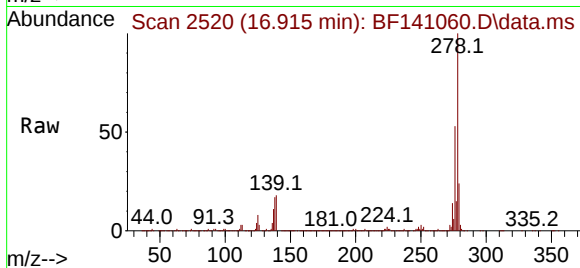
Tgt Ion:278 Resp: 1536908

Ion Ratio Lower Upper

278 100

139 17.9 14.9 22.3

279 24.2 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 48.951 ng

RT: 17.339 min Scan# 2592

Delta R.T. 0.006 min

Lab File: BF141060.D

Acq: 02 Jan 2025 10:52

Tgt Ion:276 Resp: 1470758

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.4

138 22.2 19.4 29.2

