

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010925\
 Data File : BF141104.D
 Acq On : 09 Jan 2025 15:01
 Operator : RC/JU
 Sample : PB165989BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165989BS

Quant Time: Jan 09 15:22:32 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	164895	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	650085	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	344895	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	572927	20.000	ng	0.00
76) Chrysene-d12	13.986	240	339908	20.000	ng	0.00
86) Perylene-d12	15.451	264	339499	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1407862	128.699	ng	0.02
7) Phenol-d6	6.457	99	1785657	126.714	ng	0.00
23) Nitrobenzene-d5	7.393	82	1159076	114.070	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	588256	175.527	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	2101187	97.064	ng	0.00
79) Terphenyl-d14	12.933	244	2226250	108.788	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.652	88	188204	38.002	ng	98
3) Pyridine	3.393	79	499159	41.242	ng	97
4) n-Nitrosodimethylamine	3.340	42	277030	45.175	ng	95
6) Aniline	6.487	93	506882	40.331	ng	# 91
8) 2-Chlorophenol	6.610	128	577602	50.081	ng	96
9) Benzaldehyde	6.375	77	81011	4.392	ng	97
10) Phenol	6.469	94	691402	47.449	ng	91
11) bis(2-Chloroethyl)ether	6.563	93	529474	45.002	ng	98
12) 1,3-Dichlorobenzene	6.769	146	585872	46.029	ng	99
13) 1,4-Dichlorobenzene	6.846	146	596516	46.490	ng	99
14) 1,2-Dichlorobenzene	6.998	146	573805	47.963	ng	99
15) Benzyl Alcohol	6.969	79	502402	49.612	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.104	45	776655	43.649	ng	97
17) 2-Methylphenol	7.081	107	456502	47.644	ng	98
18) Hexachloroethane	7.340	117	221609	48.619	ng	99
19) n-Nitroso-di-n-propyla...	7.245	70	398014	46.103	ng	97
20) 3+4-Methylphenols	7.234	107	560559	46.231	ng	# 80
22) Acetophenone	7.240	105	743813	46.641	ng	98
24) Nitrobenzene	7.410	77	594597	52.369	ng	96
25) Isophorone	7.651	82	1076136	48.670	ng	99
26) 2-Nitrophenol	7.728	139	296958	62.074	ng	97
27) 2,4-Dimethylphenol	7.763	122	467099	57.803	ng	99
28) bis(2-Chloroethoxy)met...	7.857	93	651105	46.477	ng	100
29) 2,4-Dichlorophenol	7.963	162	471114	51.404	ng	99
30) 1,2,4-Trichlorobenzene	8.051	180	485639	46.816	ng	99
31) Naphthalene	8.134	128	1610813	47.023	ng	99
32) Benzoic acid	7.875	122	373507	54.857	ng	98
33) 4-Chloroaniline	8.175	127	203275	16.403	ng	99
34) Hexachlorobutadiene	8.251	225	300585	49.152	ng	99
35) Caprolactam	8.545	113	152540m	48.959	ng	
36) 4-Chloro-3-methylphenol	8.657	107	512349	50.338	ng	100
37) 2-Methylnaphthalene	8.822	142	1068451	48.755	ng	99
38) 1-Methylnaphthalene	8.922	142	992787	46.096	ng	99
40) 1,2,4,5-Tetrachloroben...	8.987	216	483026	50.907	ng	99
41) Hexachlorocyclopentadiene	8.975	237	616665	196.117	ng	99
43) 2,4,6-Trichlorophenol	9.098	196	347023	54.951	ng	99

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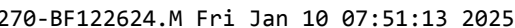
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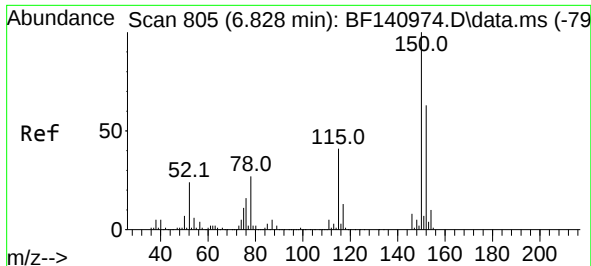
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	349420	54.077	ng	97
46) 1,1'-Biphenyl	9.287	154	1317199	49.878	ng	99
47) 2-Chloronaphthalene	9.310	162	990711	48.371	ng	100
48) 2-Nitroaniline	9.404	65	317358	58.143	ng	94
49) Acenaphthylene	9.728	152	1541479	52.282	ng	99
50) Dimethylphthalate	9.586	163	1189700	52.442	ng	100
51) 2,6-Dinitrotoluene	9.645	165	267854	57.142	ng	97
52) Acenaphthene	9.898	154	1152496	57.819	ng	100
53) 3-Nitroaniline	9.810	138	143184	29.788	ng	# 93
54) 2,4-Dinitrophenol	9.922	184	291700	125.387	ng	# 1
55) Dibenzofuran	10.069	168	1405430	50.172	ng	99
56) 4-Nitrophenol	9.975	139	427308	110.113	ng	97
57) 2,4-Dinitrotoluene	10.051	165	362069	62.458	ng	95
58) Fluorene	10.410	166	1073907	49.438	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	307984	57.552	ng	99
60) Diethylphthalate	10.286	149	1163839	51.965	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	526923	50.413	ng	99
62) 4-Nitroaniline	10.428	138	265677	52.518	ng	98
63) Azobenzene	10.563	77	1140322	48.508	ng	99
65) 4,6-Dinitro-2-methylph...	10.457	198	195461	78.254	ng	93
66) n-Nitrosodiphenylamine	10.522	169	970379	53.786	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	347144	56.050	ng	99
68) Hexachlorobenzene	10.957	284	378129	55.369	ng	99
69) Atrazine	11.051	200	340786	67.614	ng	98
70) Pentachlorophenol	11.151	266	468512	110.188	ng	99
71) Phenanthrene	11.375	178	1602387	53.141	ng	100
72) Anthracene	11.428	178	1634948	55.334	ng	99
73) Carbazole	11.580	167	1405694	49.489	ng	100
74) Di-n-butylphthalate	11.910	149	1695480	52.481	ng	100
75) Fluoranthene	12.563	202	1565804	47.879	ng	97
77) Benzidine	12.680	184	361517	50.325	ng	100
78) Pyrene	12.792	202	1575764	53.007	ng	99
80) Butylbenzylphthalate	13.410	149	581165	53.538	ng	99
81) Benzo(a)anthracene	13.974	228	1172023	49.474	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	223239	31.365	ng	99
83) Chrysene	14.016	228	1030145	48.238	ng	99
84) Bis(2-ethylhexyl)phtha...	13.974	149	688362	48.887	ng	100
85) Di-n-octyl phthalate	14.592	149	1094043	53.683	ng	96
87) Indeno(1,2,3-cd)pyrene	16.910	276	1332502	62.298	ng	96
88) Benzo(b)fluoranthene	15.027	252	1067113	45.068	ng	99
89) Benzo(k)fluoranthene	15.057	252	1003068	54.050	ng	98
90) Benzo(a)pyrene	15.386	252	1003201	54.586	ng	99
91) Dibenzo(a,h)anthracene	16.927	278	1060071	61.140	ng	98
92) Benzo(g,h,i)perylene	17.351	276	1002013	55.720	ng	97

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

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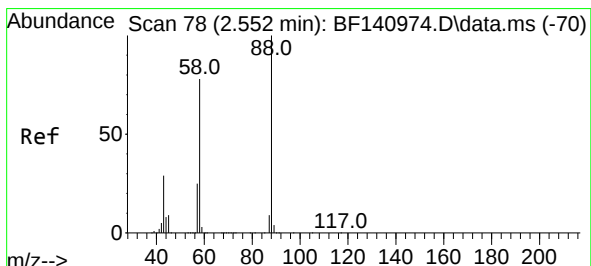
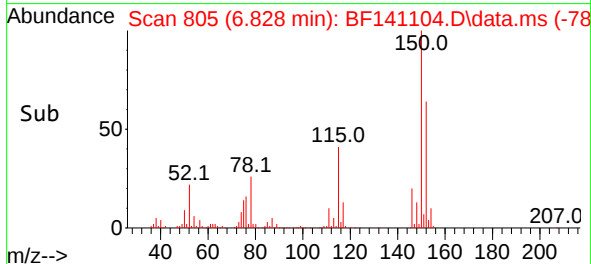
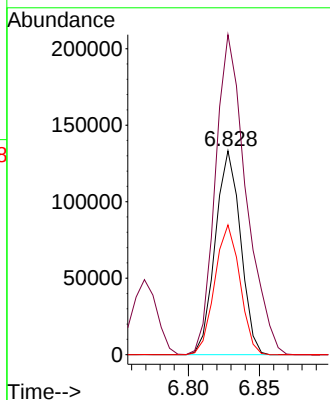
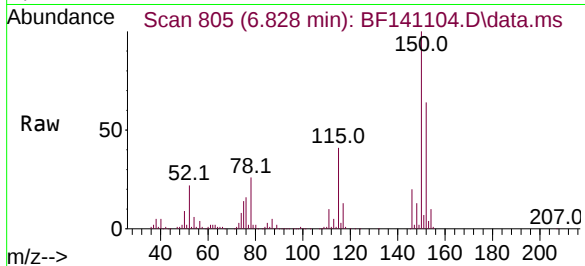




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF141104.D
 Acq: 09 Jan 2025 15:01

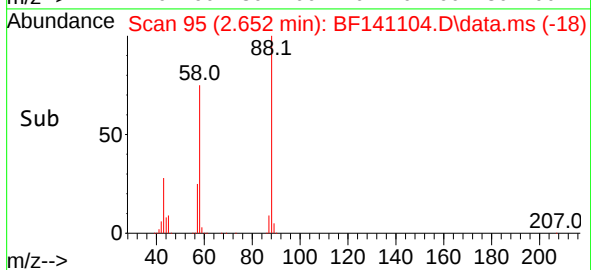
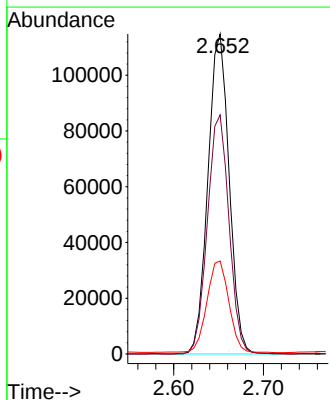
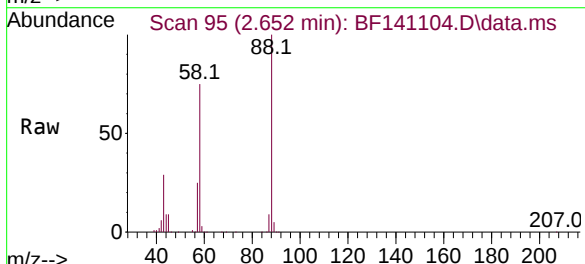
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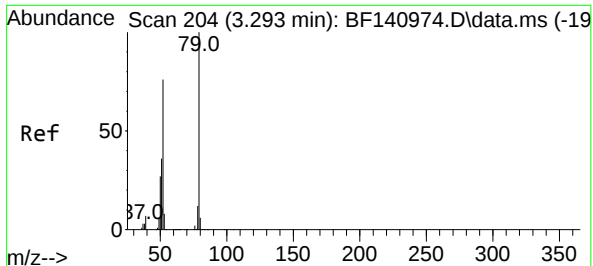
Tgt Ion:152 Resp: 164895
 Ion Ratio Lower Upper
 152 100
 150 157.0 127.0 190.6
 115 63.7 51.7 77.5



#2
 1,4-Dioxane
 Concen: 38.002 ng
 RT: 2.652 min Scan# 95
 Delta R.T. 0.100 min
 Lab File: BF141104.D
 Acq: 09 Jan 2025 15:01

Tgt Ion: 88 Resp: 188204
 Ion Ratio Lower Upper
 88 100
 58 76.3 63.0 94.4
 43 30.0 23.4 35.2

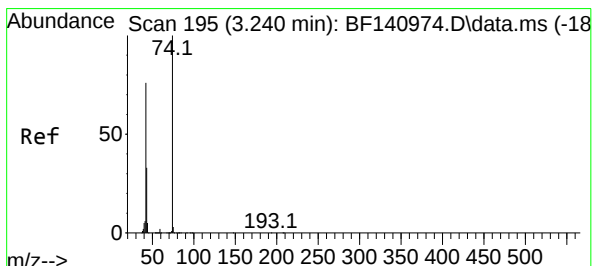
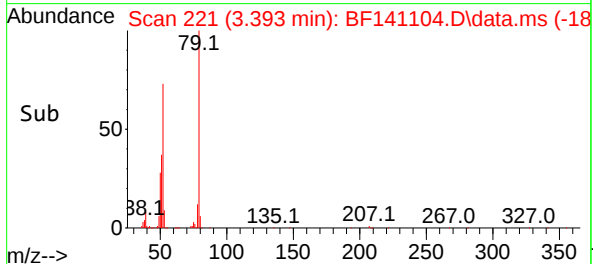
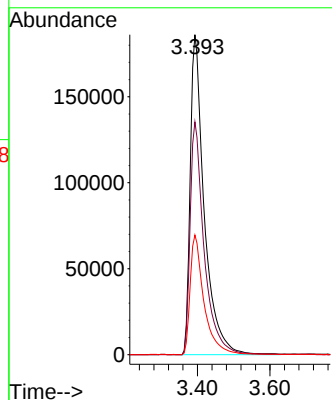
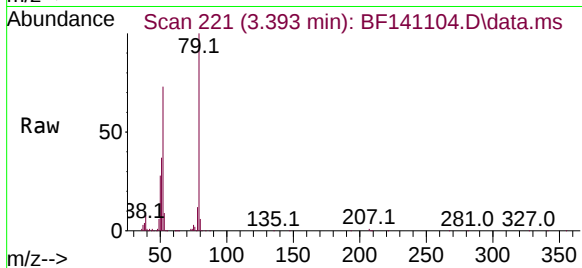




#3
 Pyridine
 Concen: 41.242 ng
 RT: 3.393 min Scan# 211
 Delta R.T. 0.100 min
 Lab File: BF141104.D
 Acq: 09 Jan 2025 15:01

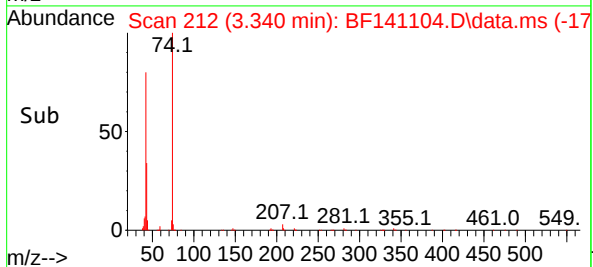
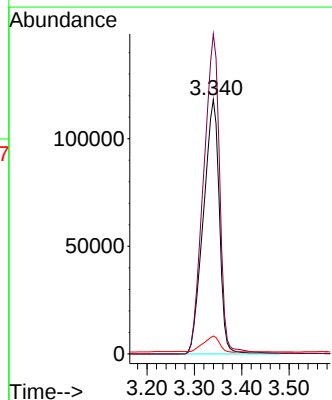
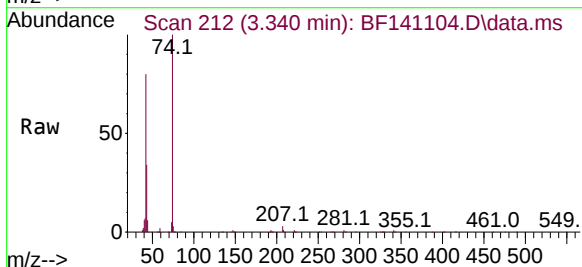
Instrument :
 BNA_F
 ClientSampleId :
 PB165989BS

Tgt Ion: 79 Resp: 499159
 Ion Ratio Lower Upper
 79 100
 52 72.7 60.4 90.6
 51 37.4 28.8 43.2



#4
 n-Nitrosodimethylamine
 Concen: 45.175 ng
 RT: 3.340 min Scan# 212
 Delta R.T. 0.100 min
 Lab File: BF141104.D
 Acq: 09 Jan 2025 15:01

Tgt Ion: 42 Resp: 277030
 Ion Ratio Lower Upper
 42 100
 74 125.8 105.8 158.6
 44 7.1 6.6 10.0

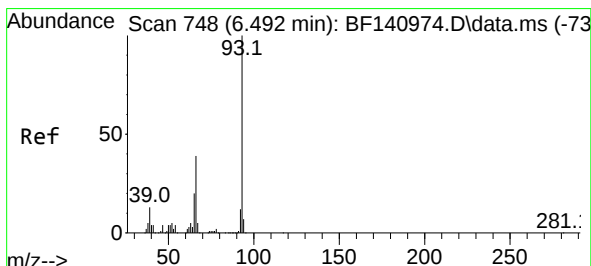
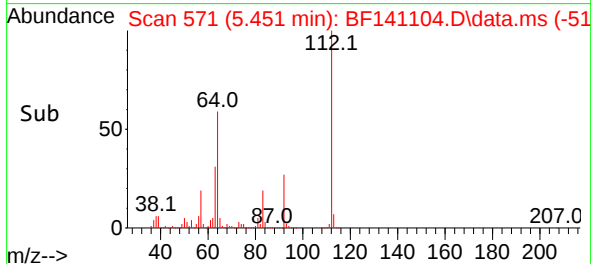
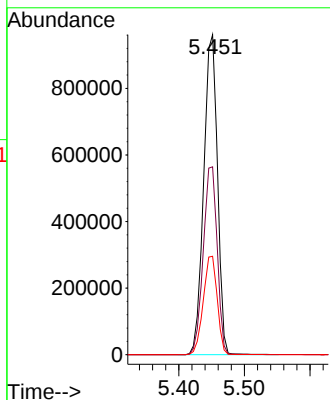
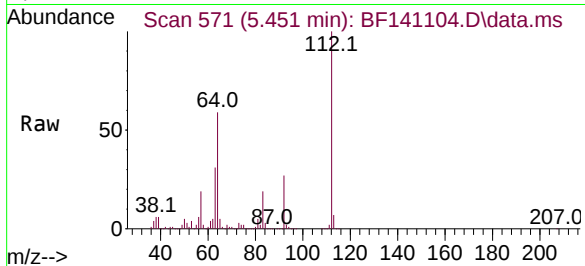




#5
2-Fluorophenol
Concen: 128.699 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF141104.D
Acq: 09 Jan 2025 15:01

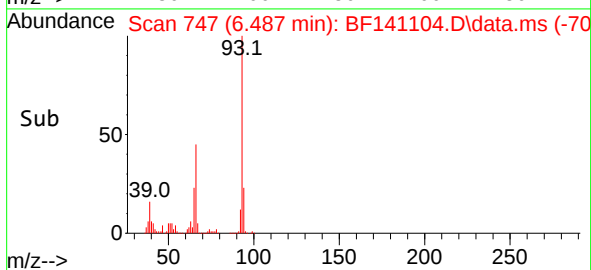
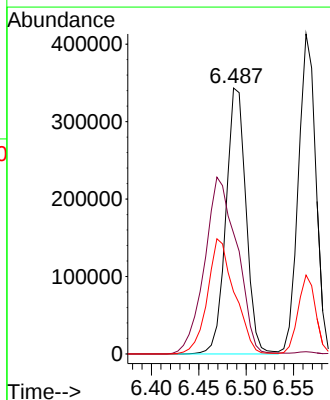
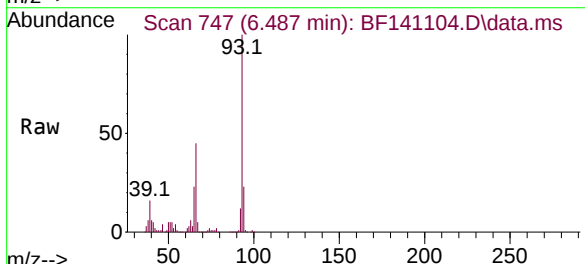
Instrument :
BNA_F
ClientSampleId :
PB165989BS

Tgt Ion:112 Resp: 1407862
Ion Ratio Lower Upper
112 100
64 58.7 47.7 71.5
63 30.8 24.2 36.2



#6
Aniline
Concen: 40.331 ng
RT: 6.487 min Scan# 747
Delta R.T. -0.023 min
Lab File: BF141104.D
Acq: 09 Jan 2025 15:01

Tgt Ion: 93 Resp: 506882
Ion Ratio Lower Upper
93 100
66 45.4 31.8 47.8
65 23.4 15.4 23.0#

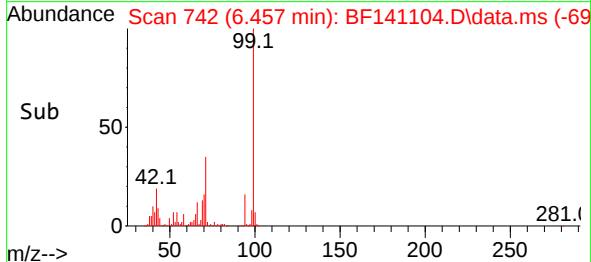
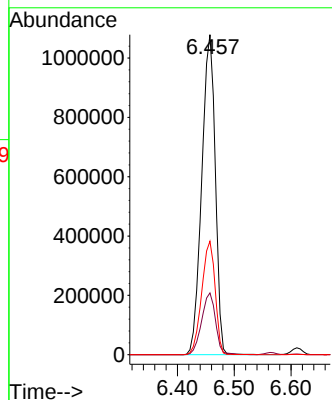
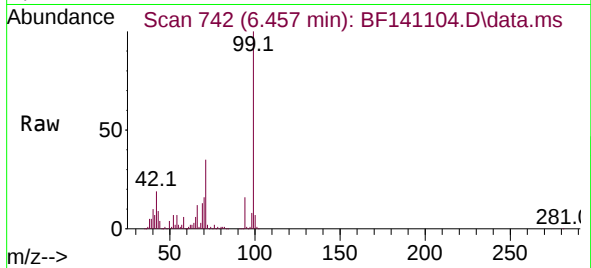




#7
Phenol-d6
Concen: 126.714 ng
RT: 6.457 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF141104.D
Acq: 09 Jan 2025 15:01

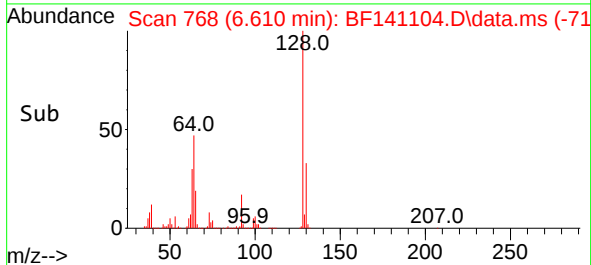
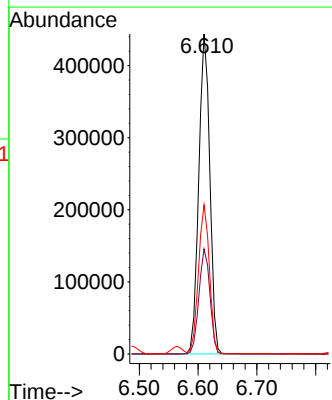
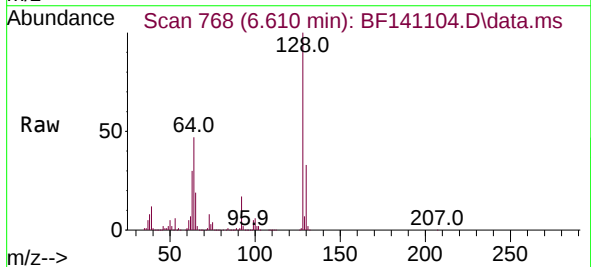
Instrument :
BNA_F
ClientSampleId :
PB165989BS

Tgt Ion: 99 Resp: 1785657
Ion Ratio Lower Upper
99 100
42 19.3 15.0 22.4
71 35.4 26.2 39.2



#8
2-Chlorophenol
Concen: 50.081 ng
RT: 6.610 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF141104.D
Acq: 09 Jan 2025 15:01

Tgt Ion:128 Resp: 577602
Ion Ratio Lower Upper
128 100
130 32.8 12.2 52.2
64 46.6 30.3 70.3

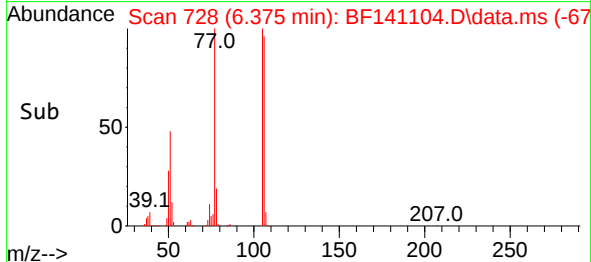
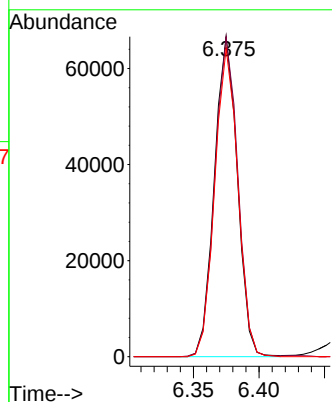
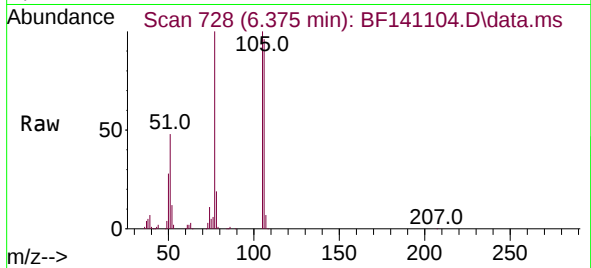




#9
Benzaldehyde
Concen: 4.392 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141104.D
Acq: 09 Jan 2025 15:01

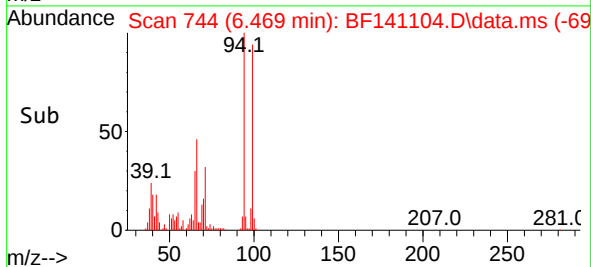
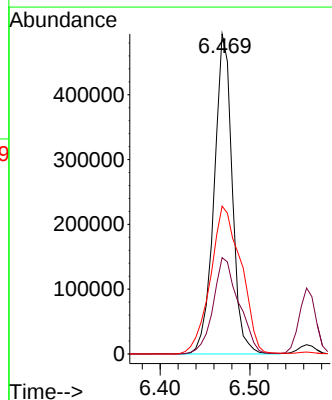
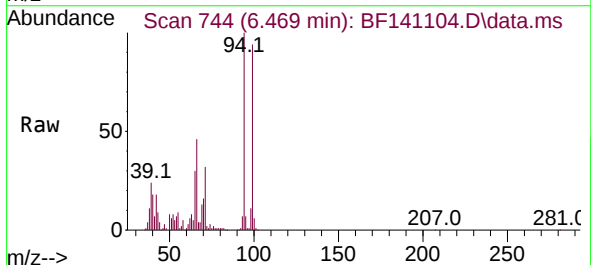
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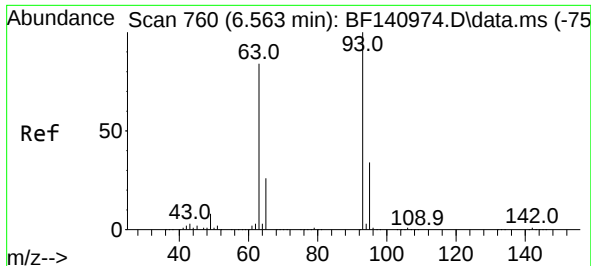
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Ion Ratio Lower Upper
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105 99.9 76.2 116.2
106 96.3 73.4 113.4



#10
Phenol
Concen: 47.449 ng
RT: 6.469 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF141104.D
Acq: 09 Jan 2025 15:01

Tgt Ion: 94 Resp: 691402
Ion Ratio Lower Upper
94 100
65 30.1 8.1 48.1
66 46.2 18.7 58.7

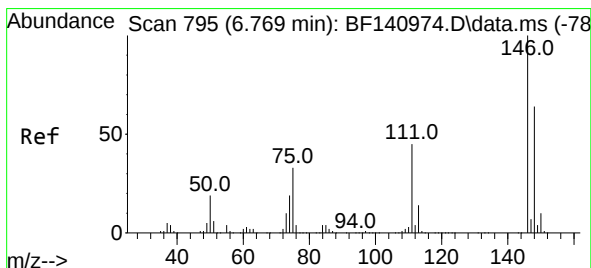
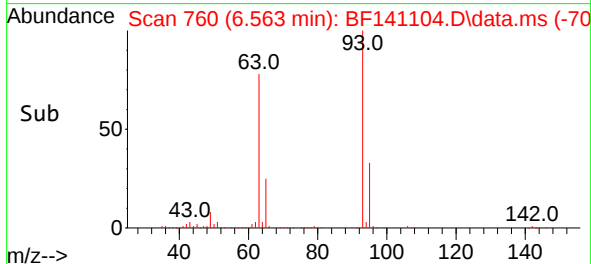
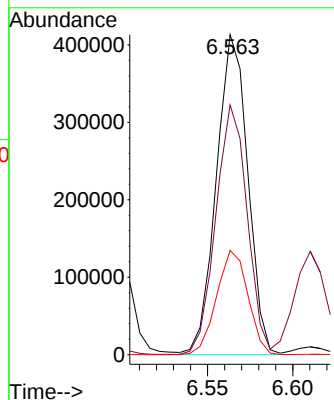
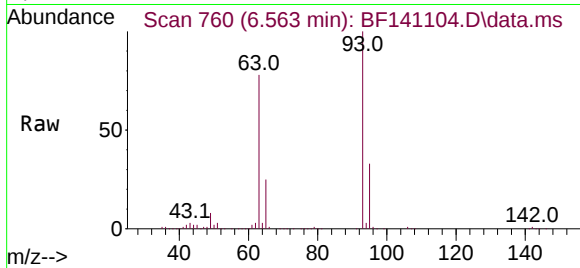




#11
bis(2-Chloroethyl)ether
Concen: 45.002 ng
RT: 6.563 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF141104.D
Acq: 09 Jan 2025 15:01

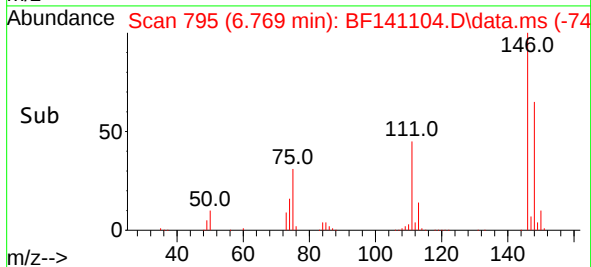
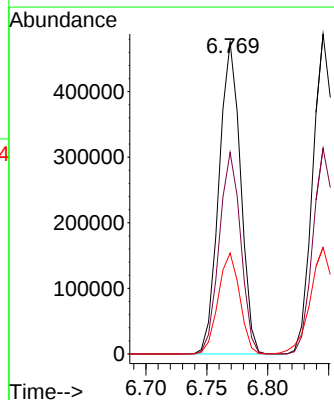
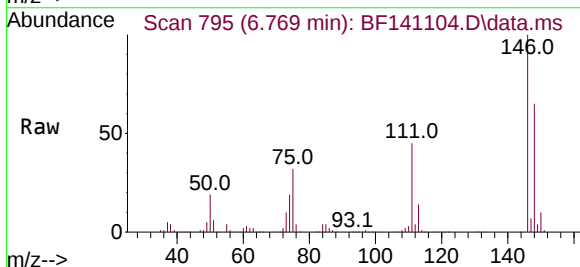
Instrument :
BNA_F
ClientSampleId :
PB165989BS

Tgt Ion: 93 Resp: 529474
Ion Ratio Lower Upper
93 100
63 78.0 60.3 100.3
95 32.6 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 46.029 ng
RT: 6.769 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF141104.D
Acq: 09 Jan 2025 15:01

Tgt Ion: 146 Resp: 585872
Ion Ratio Lower Upper
146 100
148 64.7 51.0 76.4
75 32.4 26.1 39.1





#13

1,4-Dichlorobenzene

Concen: 46.490 ng

RT: 6.846 min Scan# 808

Delta R.T. 0.000 min

Lab File: BF141104.D

Acq: 09 Jan 2025 15:01

Instrument :

BNA_F

ClientSampleId :

PB165989BS

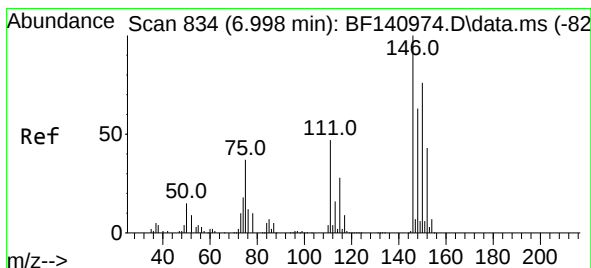
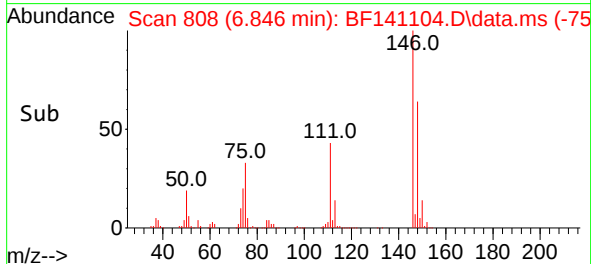
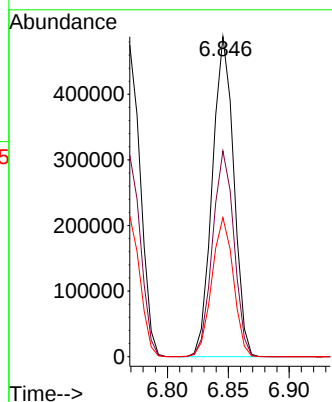
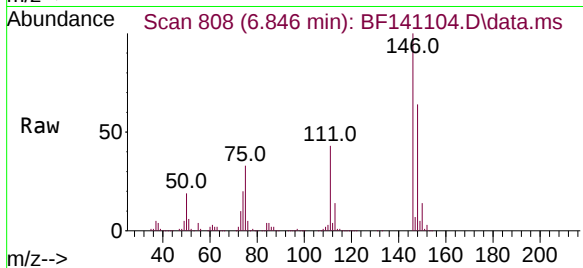
Tgt Ion:146 Resp: 596516

Ion Ratio Lower Upper

146 100

148 64.3 51.3 76.9

111 43.5 35.3 52.9



#14

1,2-Dichlorobenzene

Concen: 47.963 ng

RT: 6.998 min Scan# 834

Delta R.T. 0.000 min

Lab File: BF141104.D

Acq: 09 Jan 2025 15:01

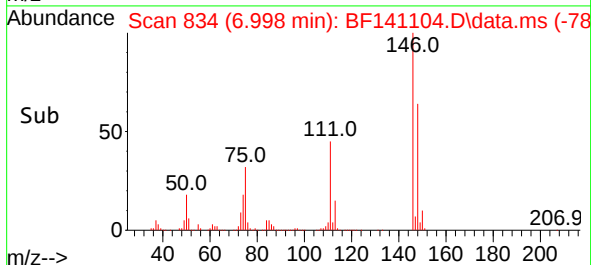
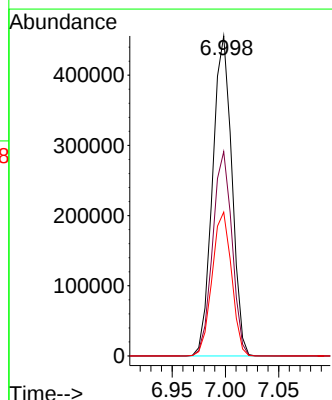
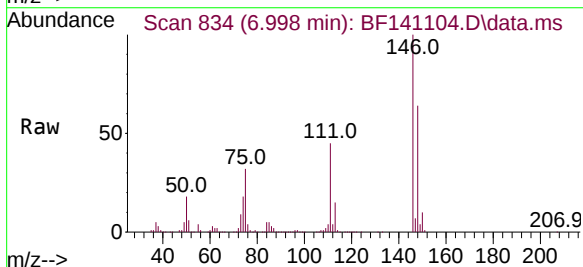
Tgt Ion:146 Resp: 573805

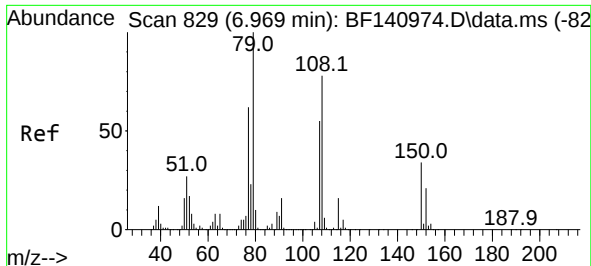
Ion Ratio Lower Upper

146 100

148 63.9 50.6 76.0

111 44.9 37.3 55.9

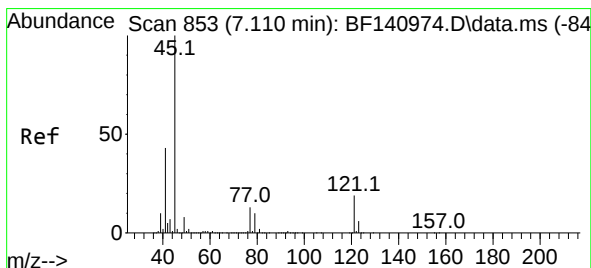
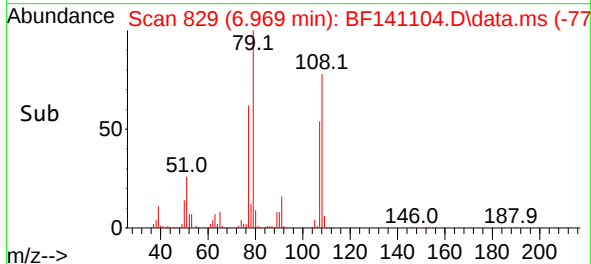
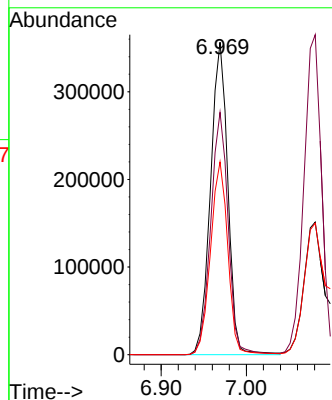
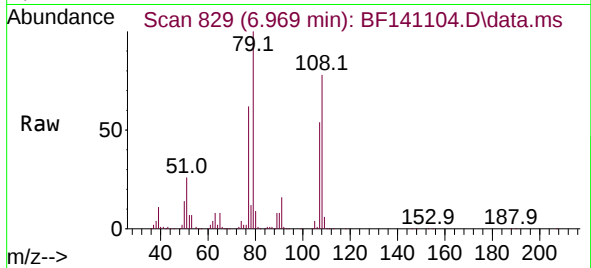




#15
Benzyl Alcohol
Concen: 49.612 ng
RT: 6.969 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF141104.D
Acq: 09 Jan 2025 15:01

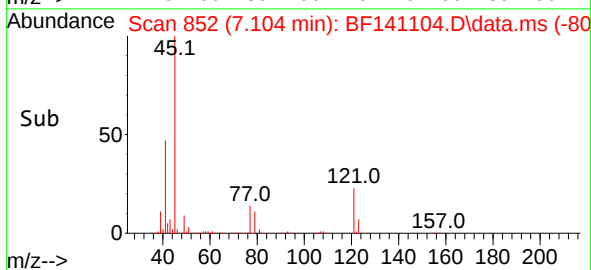
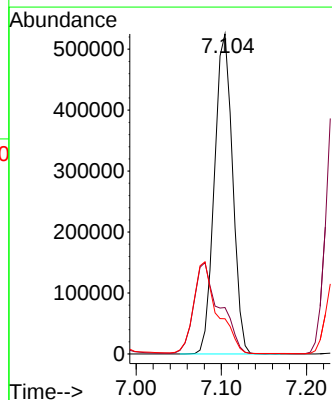
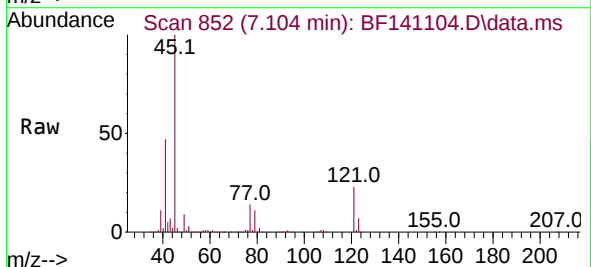
Instrument :
BNA_F
ClientSampleId :
PB165989BS

Tgt Ion: 79 Resp: 502402
Ion Ratio Lower Upper
79 100
108 77.6 62.5 93.7
77 61.7 49.3 73.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.649 ng
RT: 7.104 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF141104.D
Acq: 09 Jan 2025 15:01

Tgt Ion: 45 Resp: 776655
Ion Ratio Lower Upper
45 100
77 14.5 0.0 33.1
79 11.0 0.0 30.1

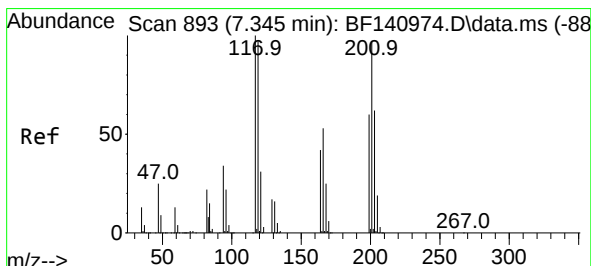
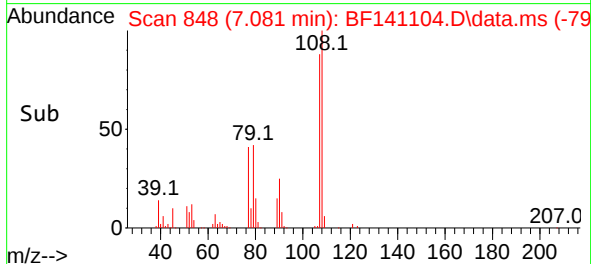
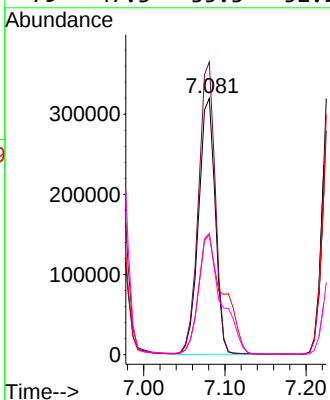
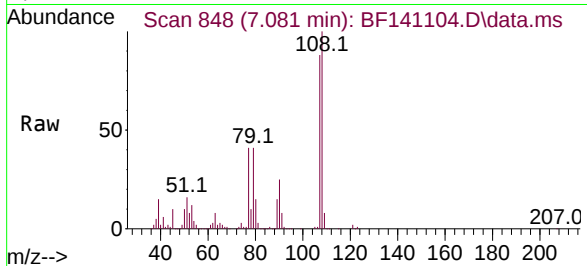




#17
2-Methylphenol
Concen: 47.644 ng
RT: 7.081 min Scan# 847
Delta R.T. 0.006 min
Lab File: BF141104.D
Acq: 09 Jan 2025 15:01

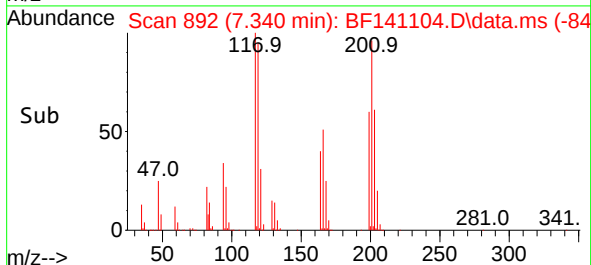
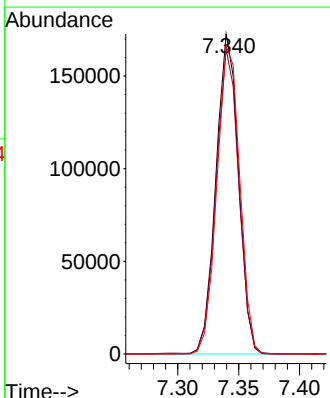
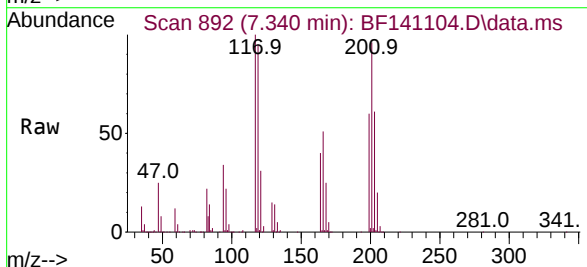
Instrument :
BNA_F
ClientSampleId :
PB165989BS

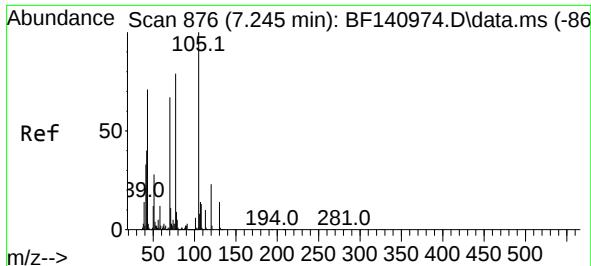
Tgt Ion:107 Resp: 456502
Ion Ratio Lower Upper
107 100
108 114.1 90.6 136.0
77 46.9 35.3 52.9
79 47.3 35.3 52.9



#18
Hexachloroethane
Concen: 48.619 ng
RT: 7.340 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF141104.D
Acq: 09 Jan 2025 15:01

Tgt Ion:117 Resp: 221609
Ion Ratio Lower Upper
117 100
119 95.3 77.5 116.3
201 96.3 77.4 116.2

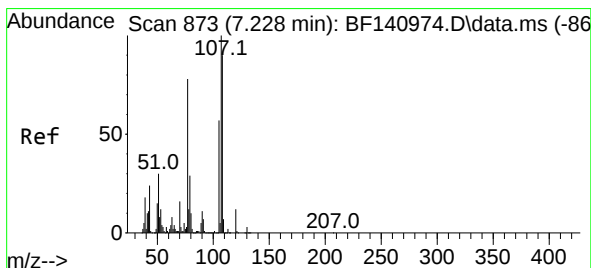
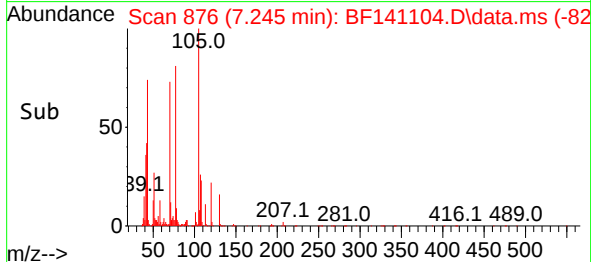
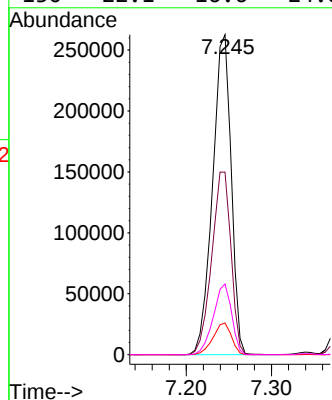
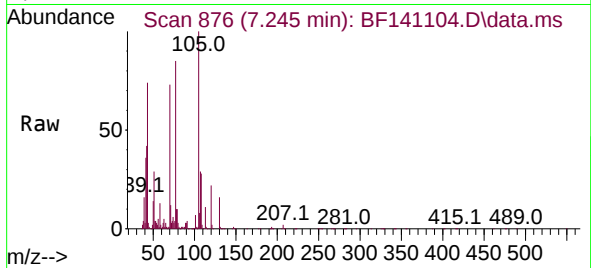




#19
n-Nitroso-di-n-propylamine
Concen: 46.103 ng
RT: 7.245 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF141104.D
Acq: 09 Jan 2025 15:01

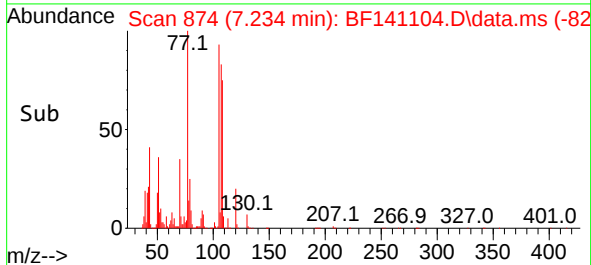
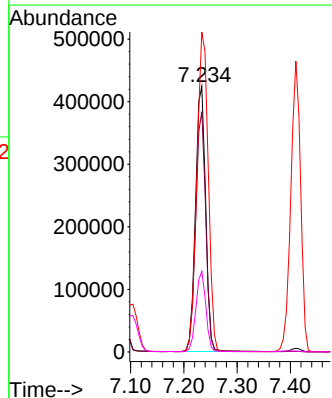
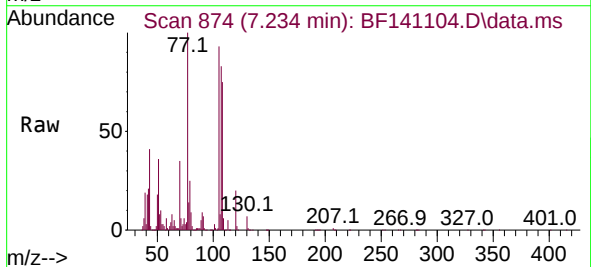
Instrument :
BNA_F
ClientSampleId :
PB165989BS

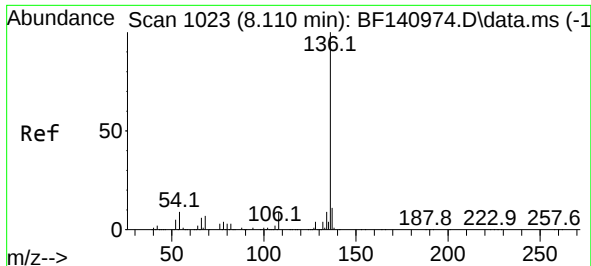
Tgt Ion: 70 Resp: 398014
Ion Ratio Lower Upper
70 100
42 57.1 48.1 72.1
101 9.9 7.6 11.4
130 22.1 16.6 24.8



#20
3+4-Methylphenols
Concen: 46.231 ng
RT: 7.234 min Scan# 874
Delta R.T. 0.006 min
Lab File: BF141104.D
Acq: 09 Jan 2025 15:01

Tgt Ion: 107 Resp: 560559
Ion Ratio Lower Upper
107 100
108 90.4 69.6 109.6
77 120.5 57.6 97.6#
79 30.3 8.8 48.8



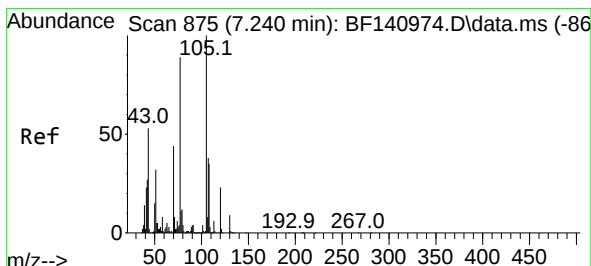
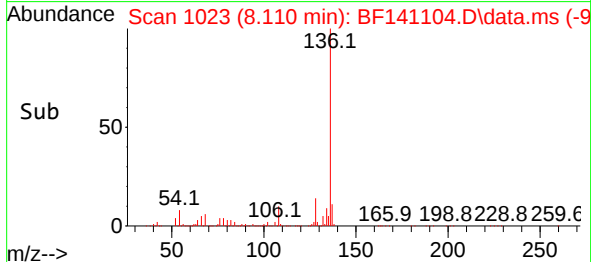
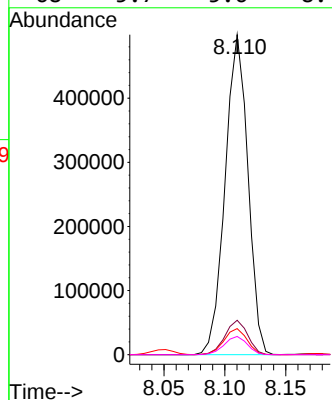
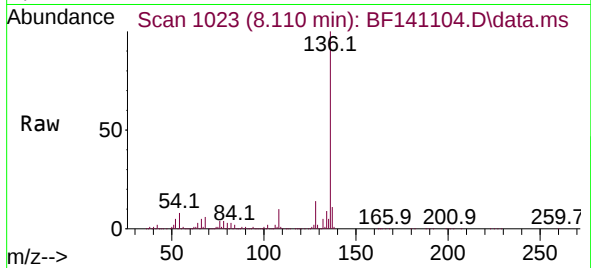


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF141104.D
Acq: 09 Jan 2025 15:01

Instrument :
BNA_F
ClientSampleId :
PB165989BS

Tgt Ion:136 Resp: 650085

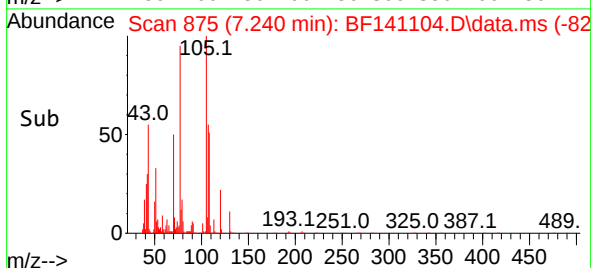
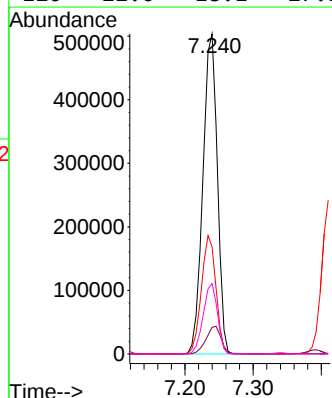
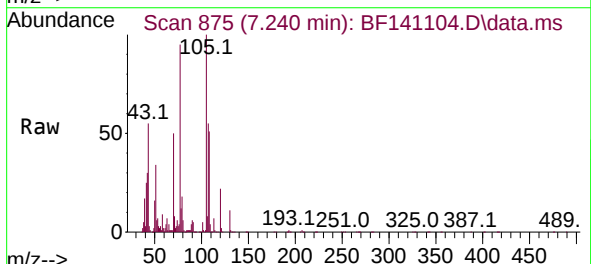
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	8.1	7.6	11.4
68	5.7	5.6	8.4

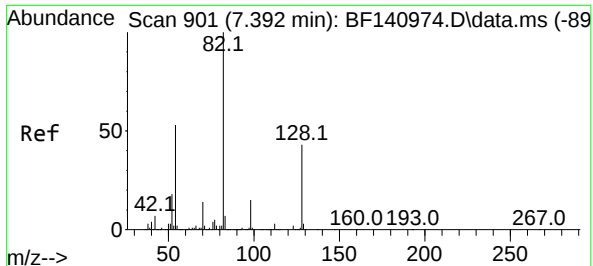


#22
Acetophenone
Concen: 46.641 ng
RT: 7.240 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF141104.D
Acq: 09 Jan 2025 15:01

Tgt Ion:105 Resp: 743813

Ion	Ratio	Lower	Upper
105	100		
71	8.3	6.1	9.1
51	33.5	25.8	38.6
120	22.0	18.1	27.1





#23

Nitrobenzene-d5

Concen: 114.070 ng

RT: 7.393 min Scan# 901

Delta R.T. 0.000 min

Lab File: BF141104.D

Acq: 09 Jan 2025 15:01

Instrument :

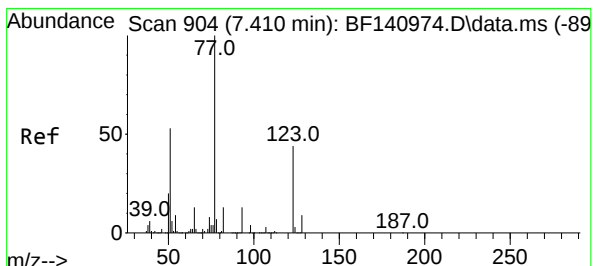
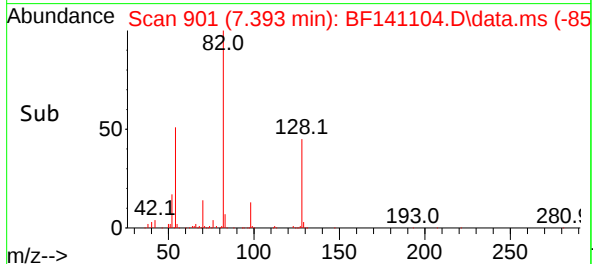
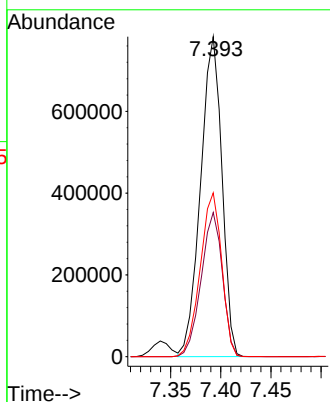
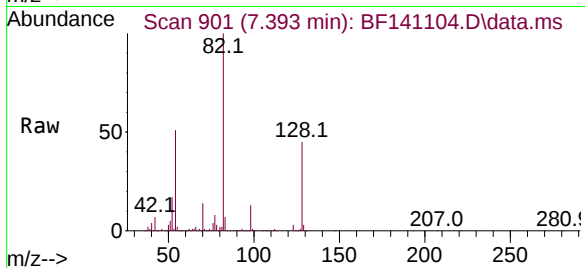
BNA_F

ClientSampleId :

PB165989BS

Tgt Ion: 82 Resp: 1159076

Ion	Ratio	Lower	Upper
82	100		
128	45.1	34.4	51.6
54	51.2	42.4	63.6



#24

Nitrobenzene

Concen: 52.369 ng

RT: 7.410 min Scan# 904

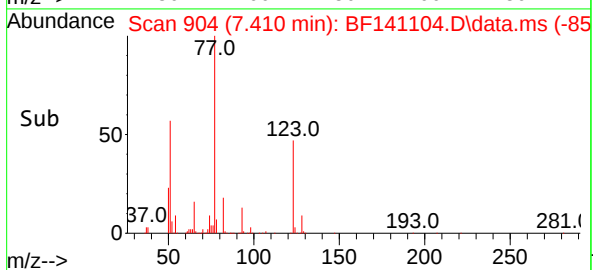
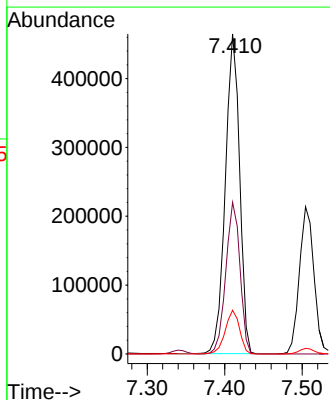
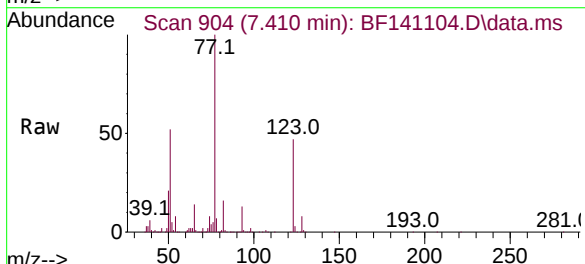
Delta R.T. 0.000 min

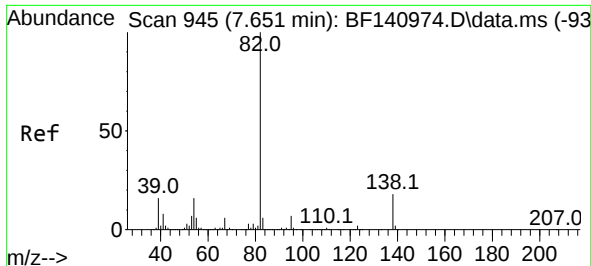
Lab File: BF141104.D

Acq: 09 Jan 2025 15:01

Tgt Ion: 77 Resp: 594597

Ion	Ratio	Lower	Upper
77	100		
123	47.4	35.4	53.2
65	13.6	10.7	16.1

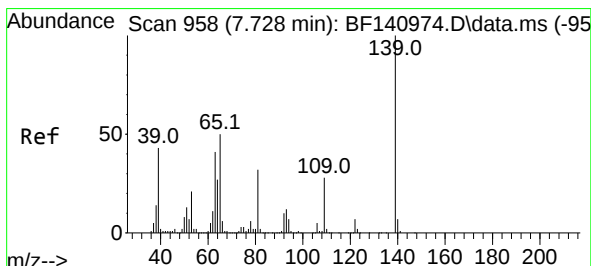
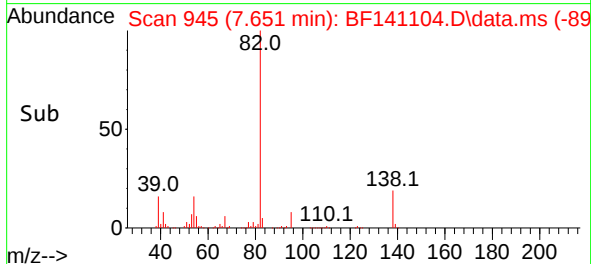
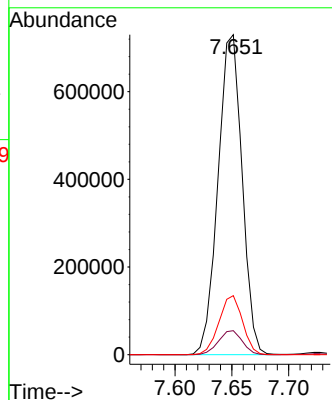
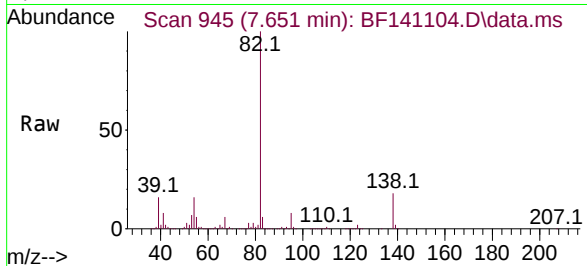




#25
Isophorone
Concen: 48.670 ng
RT: 7.651 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF141104.D
Acq: 09 Jan 2025 15:01

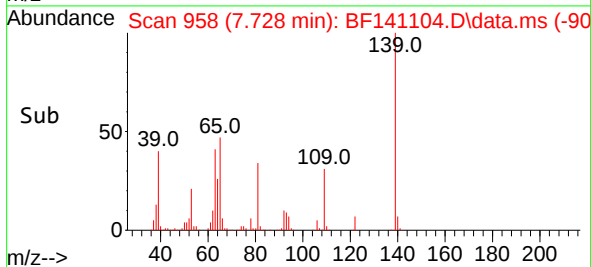
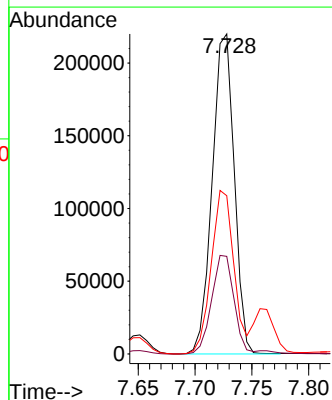
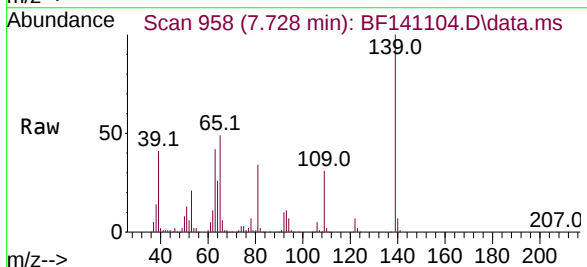
Instrument :
BNA_F
ClientSampleId :
PB165989BS

Tgt Ion: 82 Resp: 1076136
Ion Ratio Lower Upper
82 100
95 7.5 5.6 8.4
138 18.5 14.6 21.8



#26
2-Nitrophenol
Concen: 62.074 ng
RT: 7.728 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF141104.D
Acq: 09 Jan 2025 15:01

Tgt Ion:139 Resp: 296958
Ion Ratio Lower Upper
139 100
109 30.5 22.2 33.4
65 49.4 40.2 60.4

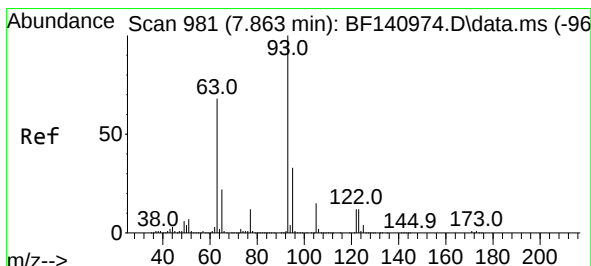
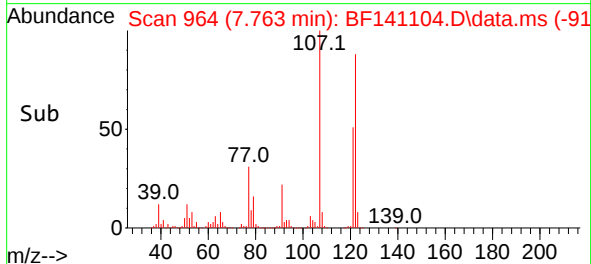
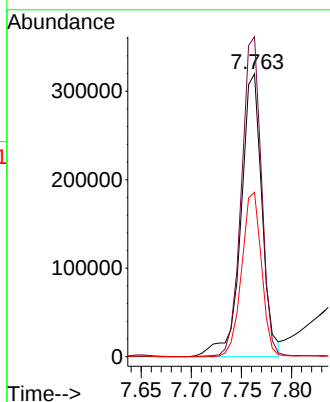
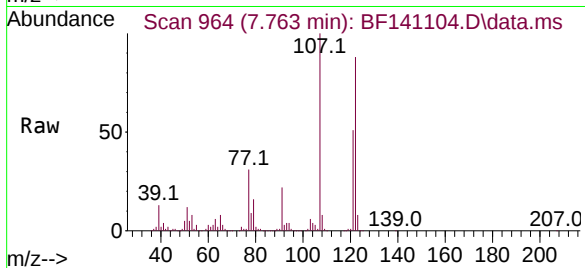




#27
2,4-Dimethylphenol
Concen: 57.803 ng
RT: 7.763 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF141104.D
Acq: 09 Jan 2025 15:01

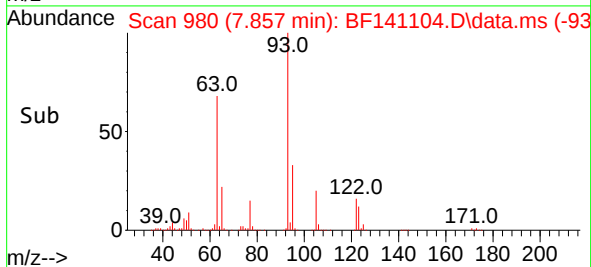
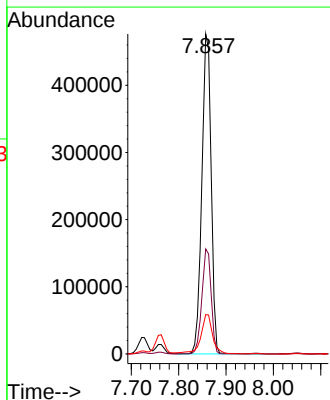
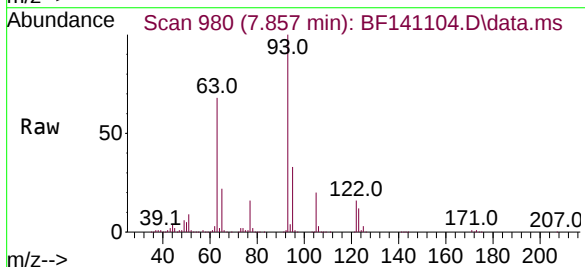
Instrument :
BNA_F
ClientSampleId :
PB165989BS

Tgt Ion:122 Resp: 467099
Ion Ratio Lower Upper
122 100
107 113.1 89.4 134.2
121 58.1 46.7 70.1



#28
bis(2-Chloroethoxy)methane
Concen: 46.477 ng
RT: 7.857 min Scan# 980
Delta R.T. -0.006 min
Lab File: BF141104.D
Acq: 09 Jan 2025 15:01

Tgt Ion: 93 Resp: 651105
Ion Ratio Lower Upper
93 100
95 32.8 26.2 39.4
123 12.3 9.9 14.9

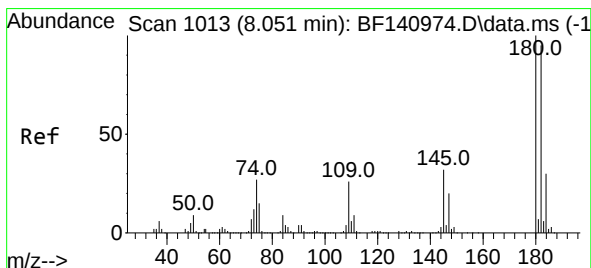
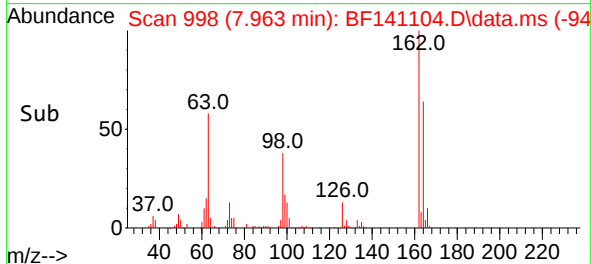
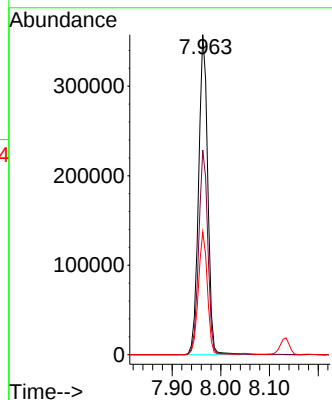
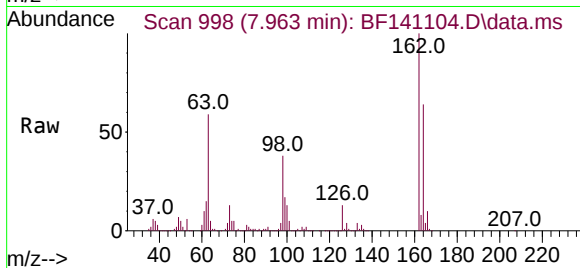




#29
2,4-Dichlorophenol
Concen: 51.404 ng
RT: 7.963 min Scan# 998
Delta R.T. 0.000 min
Lab File: BF141104.D
Acq: 09 Jan 2025 15:01

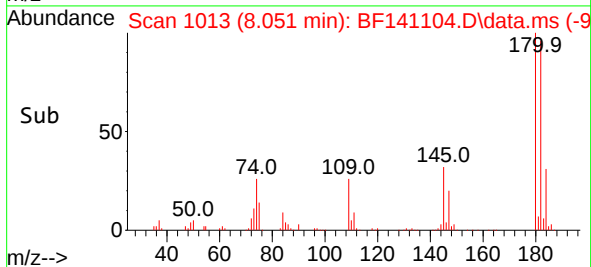
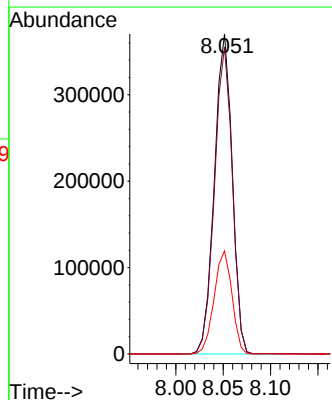
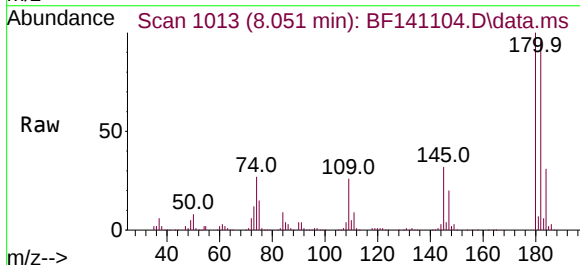
Instrument :
BNA_F
ClientSampleId :
PB165989BS

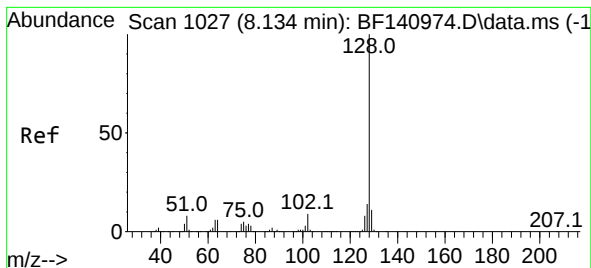
Tgt Ion:162 Resp: 471114
Ion Ratio Lower Upper
162 100
164 64.0 44.8 84.8
98 38.3 18.6 58.6



#30
1,2,4-Trichlorobenzene
Concen: 46.816 ng
RT: 8.051 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF141104.D
Acq: 09 Jan 2025 15:01

Tgt Ion:180 Resp: 485639
Ion Ratio Lower Upper
180 100
182 95.9 76.2 114.4
145 32.2 25.4 38.2

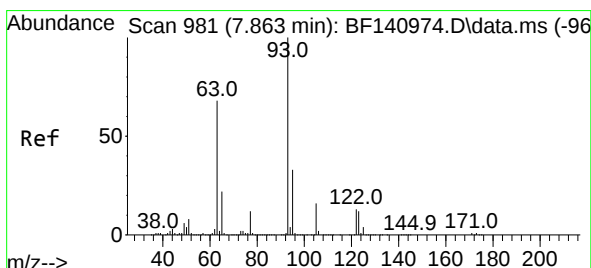
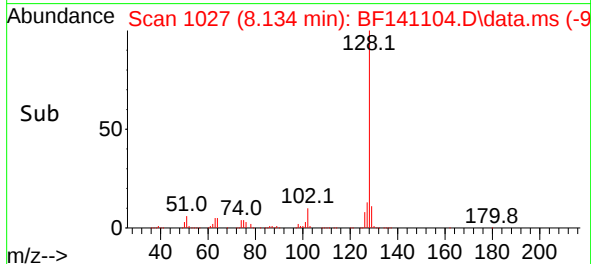
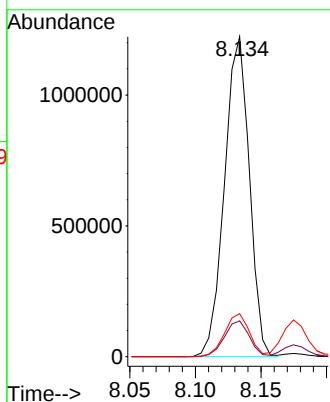
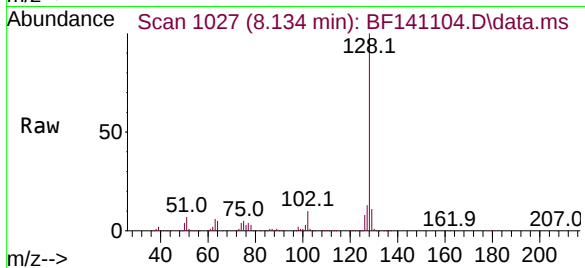




#31
Naphthalene
Concen: 47.023 ng
RT: 8.134 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF141104.D
Acq: 09 Jan 2025 15:01

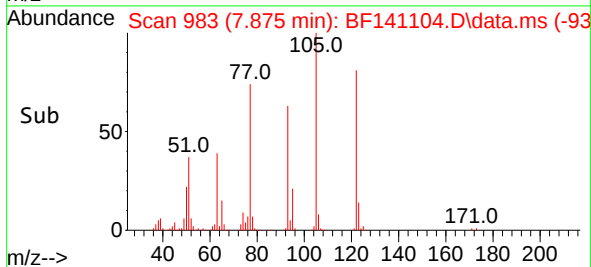
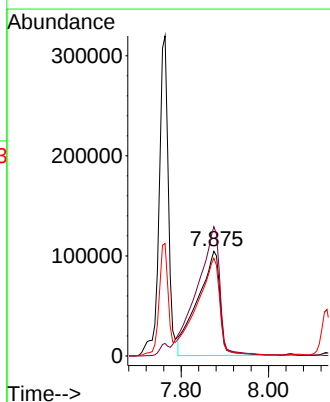
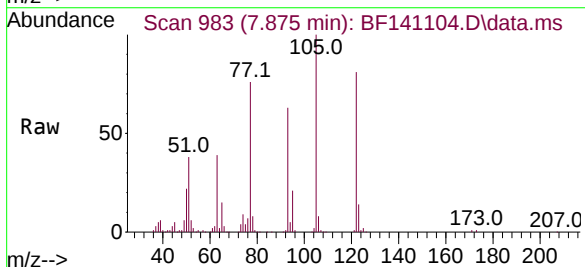
Instrument :
BNA_F
ClientSampleId :
PB165989BS

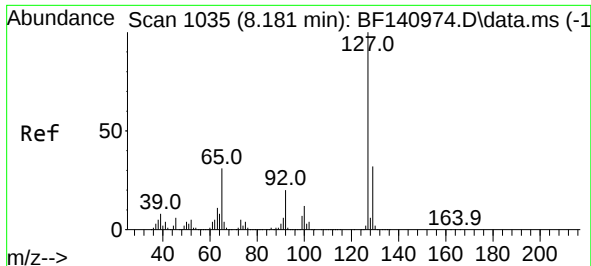
Tgt Ion:128 Resp: 1610813
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 13.5 11.0 16.4



#32
Benzoic acid
Concen: 54.857 ng
RT: 7.875 min Scan# 983
Delta R.T. 0.012 min
Lab File: BF141104.D
Acq: 09 Jan 2025 15:01

Tgt Ion:122 Resp: 373507
Ion Ratio Lower Upper
122 100
105 123.6 105.4 145.4
77 93.4 76.4 116.4

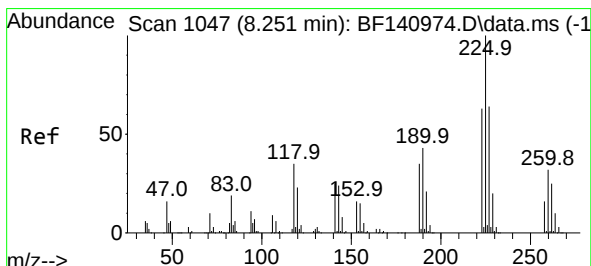
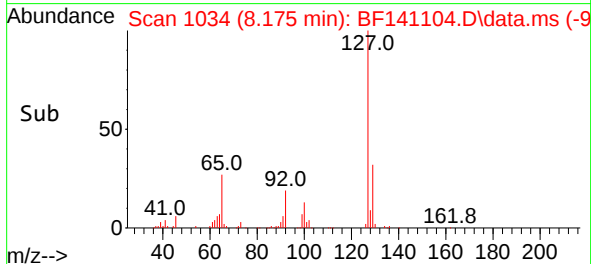
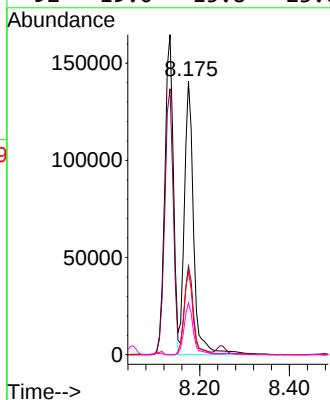
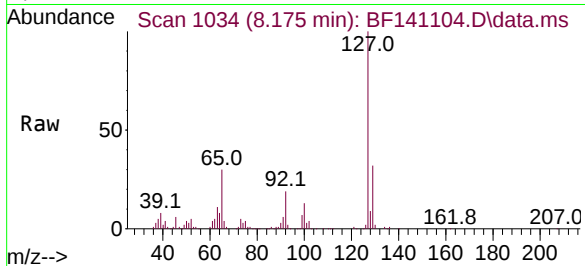




#33
4-Chloroaniline
Concen: 16.403 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF141104.D
Acq: 09 Jan 2025 15:01

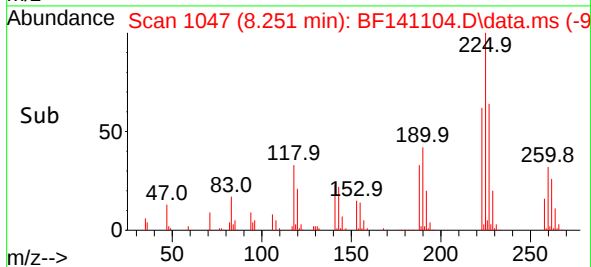
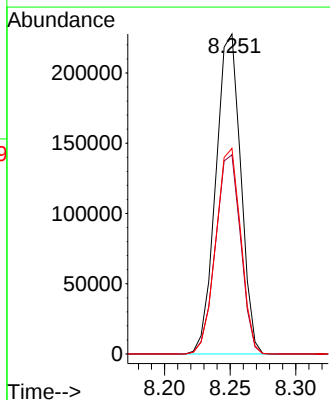
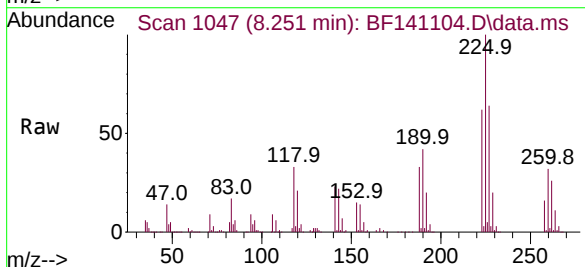
Instrument :
BNA_F
ClientSampleId :
PB165989BS

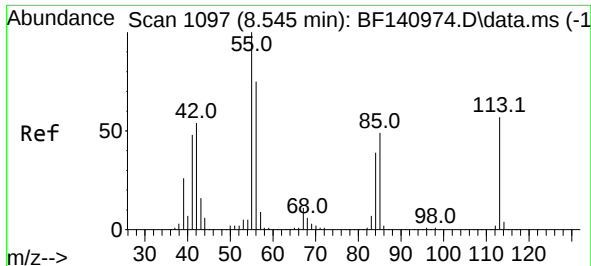
Tgt Ion:	127	Resp:	203275
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.1	39.1
65	30.5	24.6	37.0
92	19.0	15.8	23.6



#34
Hexachlorobutadiene
Concen: 49.152 ng
RT: 8.251 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF141104.D
Acq: 09 Jan 2025 15:01

Tgt Ion:	225	Resp:	300585
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.3	75.5
227	64.2	50.8	76.2

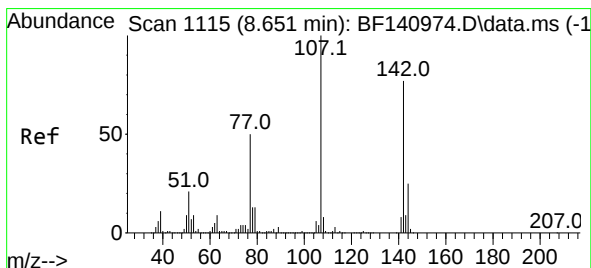
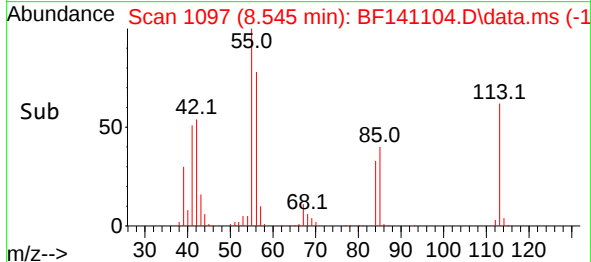
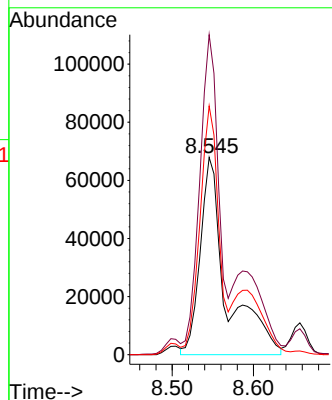
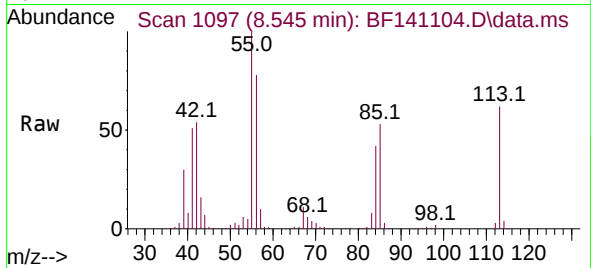




#35
 Caprolactam
 Concen: 48.959 ng m
 RT: 8.545 min Scan# 1097
 Delta R.T. 0.000 min
 Lab File: BF141104.D
 Acq: 09 Jan 2025 15:01

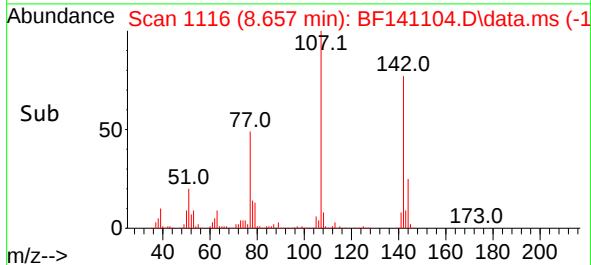
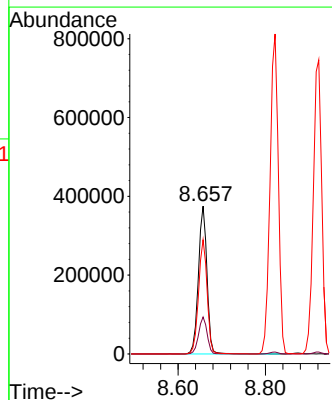
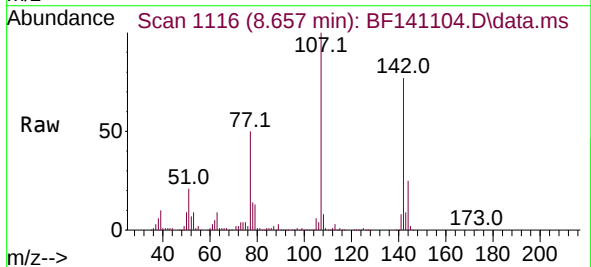
Instrument :
 BNA_F
 ClientSampleId :
 PB165989BS

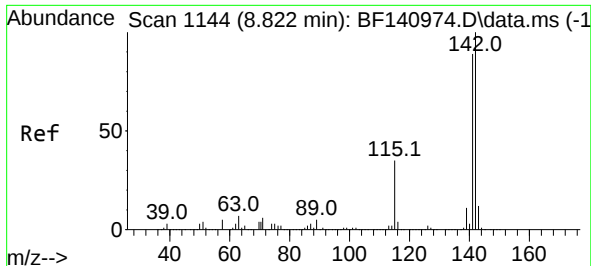
Tgt Ion:113 Resp: 152540
 Ion Ratio Lower Upper
 113 100
 55 162.2 156.6 196.6
 56 126.2 111.7 151.7



#36
 4-Chloro-3-methylphenol
 Concen: 50.338 ng
 RT: 8.657 min Scan# 1116
 Delta R.T. 0.006 min
 Lab File: BF141104.D
 Acq: 09 Jan 2025 15:01

Tgt Ion:107 Resp: 512349
 Ion Ratio Lower Upper
 107 100
 144 25.0 19.9 29.9
 142 77.3 61.8 92.8





#37

2-Methylnaphthalene

Concen: 48.755 ng

RT: 8.822 min Scan# 1144

Delta R.T. 0.000 min

Lab File: BF141104.D

Acq: 09 Jan 2025 15:01

Instrument :

BNA_F

ClientSampleId :

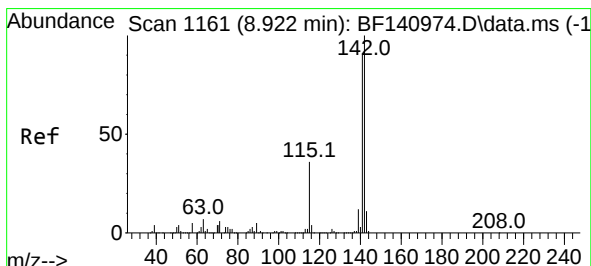
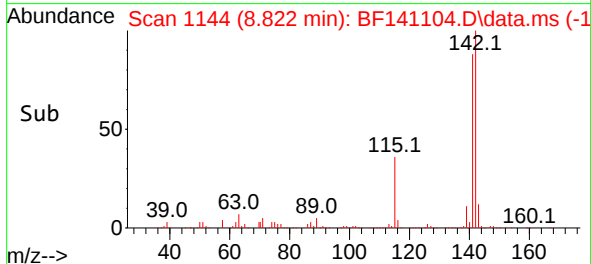
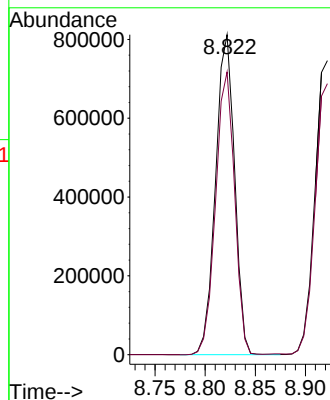
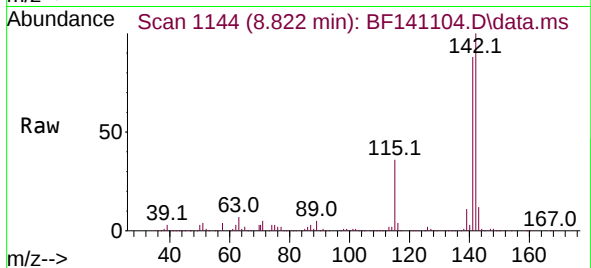
PB165989BS

Tgt Ion:142 Resp: 1068451

Ion Ratio Lower Upper

142 100

141 88.4 71.1 106.7



#38

1-Methylnaphthalene

Concen: 46.096 ng

RT: 8.922 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BF141104.D

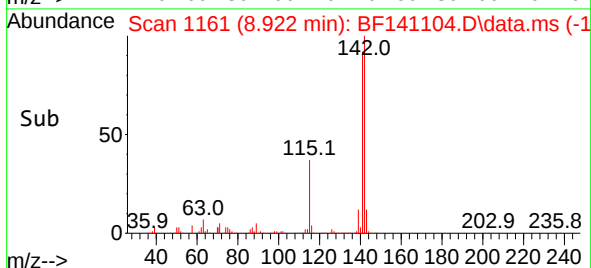
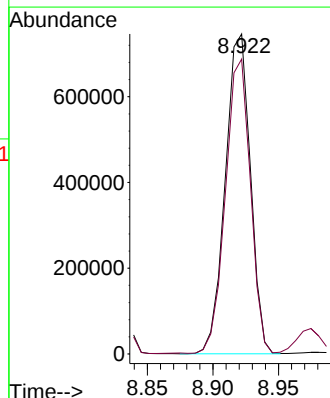
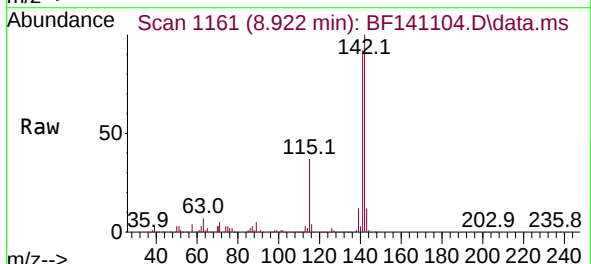
Acq: 09 Jan 2025 15:01

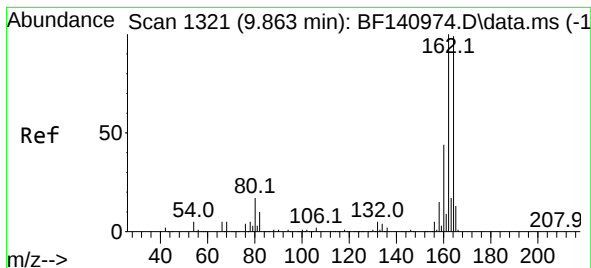
Tgt Ion:142 Resp: 992787

Ion Ratio Lower Upper

142 100

141 92.2 72.7 109.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF141104.D

Acq: 09 Jan 2025 15:01

Instrument :

BNA_F

ClientSampleId :

PB165989BS

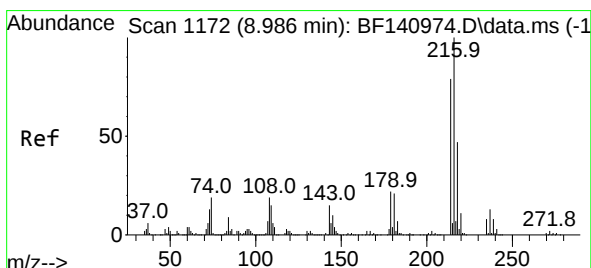
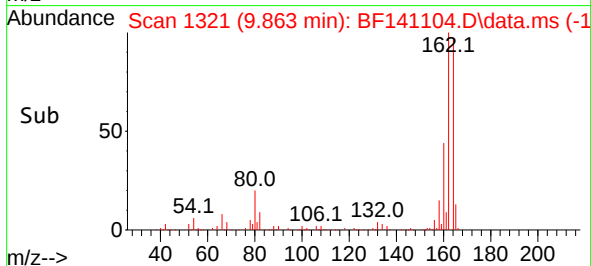
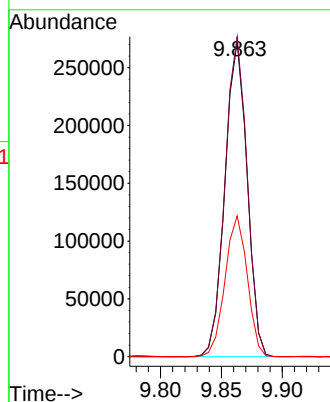
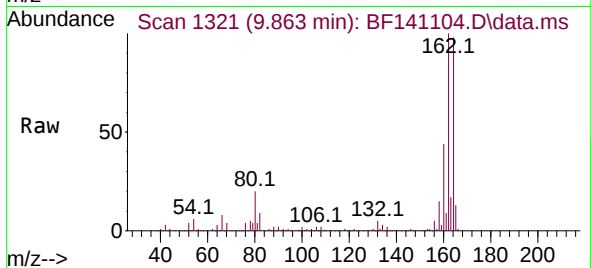
Tgt Ion:164 Resp: 344895

Ion Ratio Lower Upper

164 100

162 101.7 80.6 120.8

160 44.8 35.7 53.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.907 ng

RT: 8.987 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF141104.D

Acq: 09 Jan 2025 15:01

Tgt Ion:216 Resp: 483026

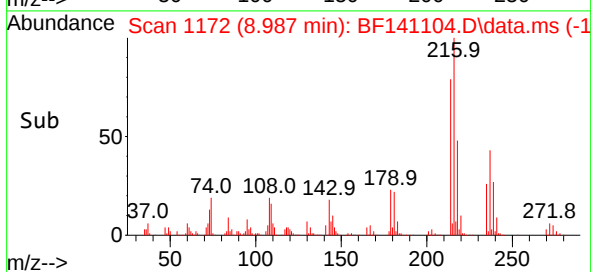
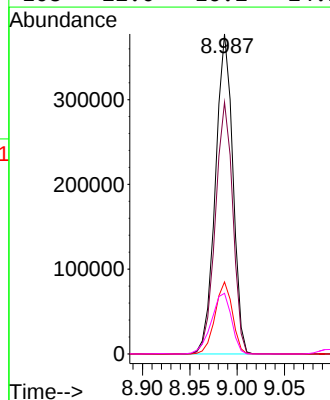
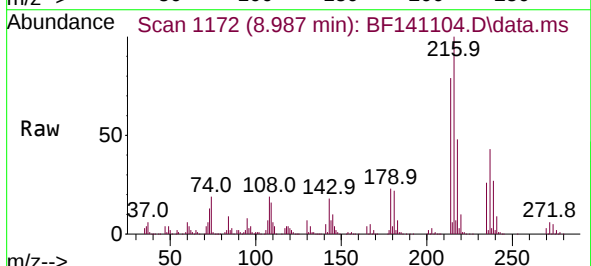
Ion Ratio Lower Upper

216 100

214 78.7 63.0 94.6

179 22.4 17.9 26.9

108 22.0 16.2 24.2

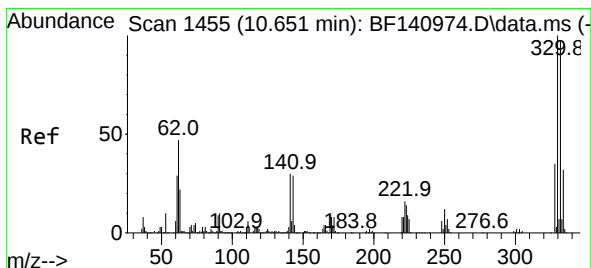
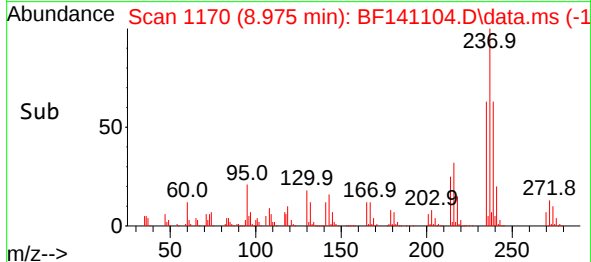
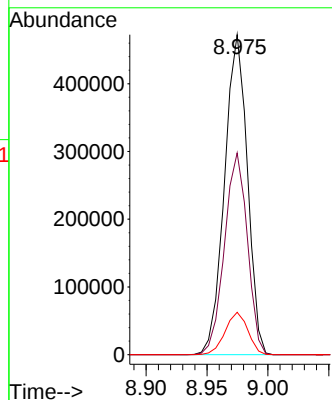
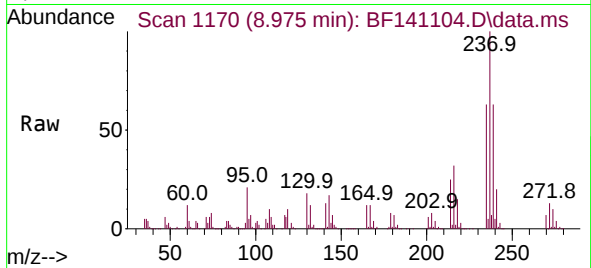




#41
Hexachlorocyclopentadiene
Concen: 196.117 ng
RT: 8.975 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF141104.D
Acq: 09 Jan 2025 15:01

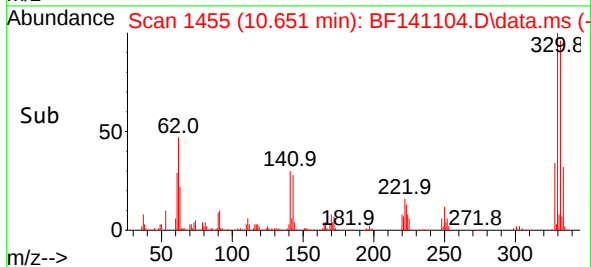
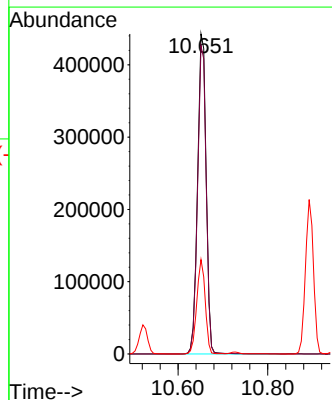
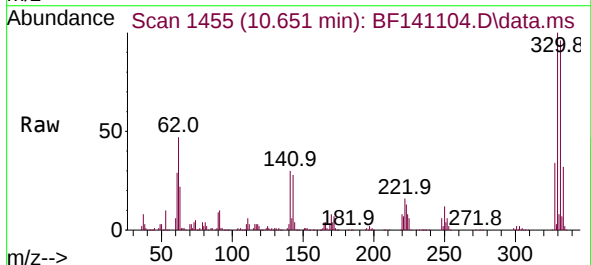
Instrument :
BNA_F
ClientSampleId :
PB165989BS

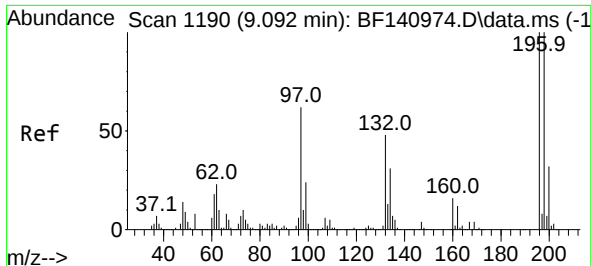
Tgt Ion:237 Resp: 616665
Ion Ratio Lower Upper
237 100
235 63.1 43.4 83.4
272 13.3 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 175.527 ng
RT: 10.651 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BF141104.D
Acq: 09 Jan 2025 15:01

Tgt Ion:330 Resp: 588256
Ion Ratio Lower Upper
330 100
332 96.1 78.0 117.0
141 29.1 26.4 39.6

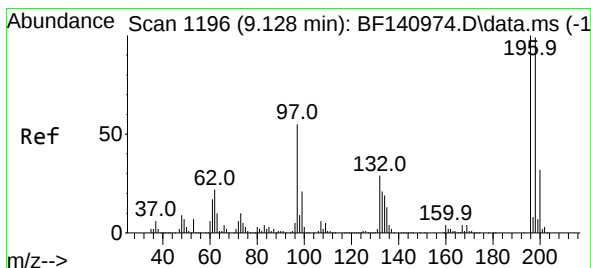
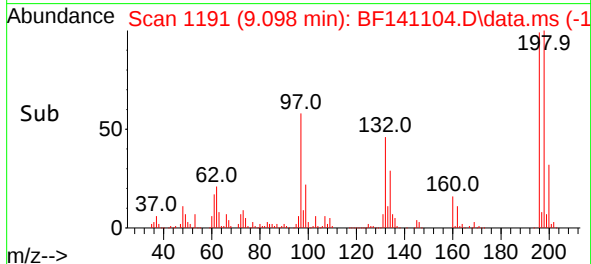
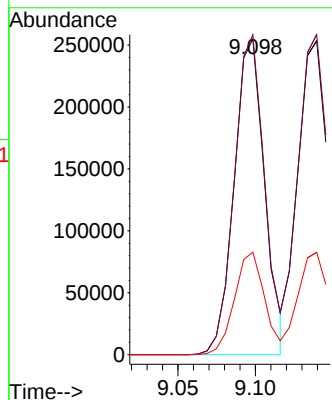
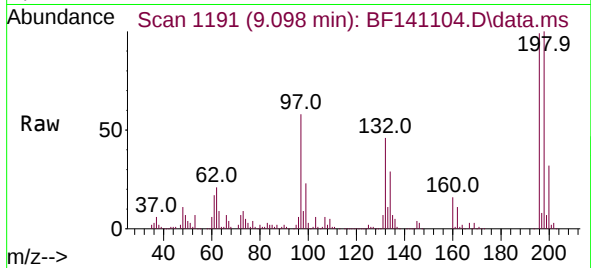




#43
 2,4,6-Trichlorophenol
 Concen: 54.951 ng
 RT: 9.098 min Scan# 1190
 Delta R.T. 0.006 min
 Lab File: BF141104.D
 Acq: 09 Jan 2025 15:01

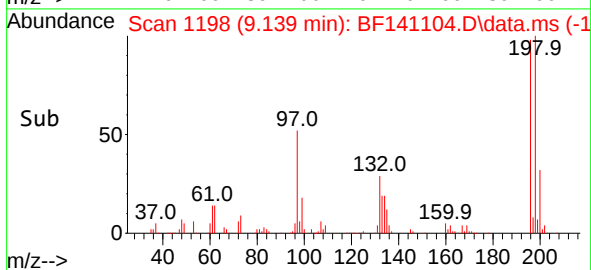
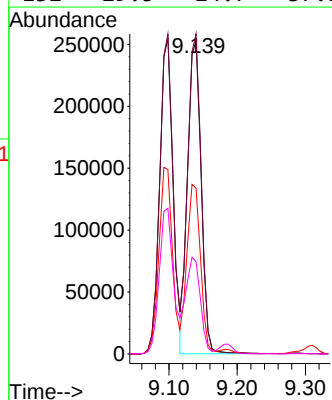
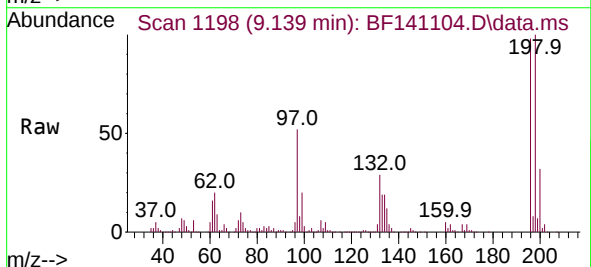
Instrument :
 BNA_F
 ClientSampleId :
 PB165989BS

Tgt Ion:196 Resp: 347023
 Ion Ratio Lower Upper
 196 100
 198 101.4 80.2 120.4
 200 32.5 25.8 38.6



#44
 2,4,5-Trichlorophenol
 Concen: 54.077 ng
 RT: 9.139 min Scan# 1198
 Delta R.T. 0.012 min
 Lab File: BF141104.D
 Acq: 09 Jan 2025 15:01

Tgt Ion:196 Resp: 349420
 Ion Ratio Lower Upper
 196 100
 198 101.9 79.9 119.9
 97 52.8 44.3 66.5
 132 29.5 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 97.064 ng

RT: 9.187 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF141104.D

Acq: 09 Jan 2025 15:01

Instrument :

BNA_F

ClientSampleId :

PB165989BS

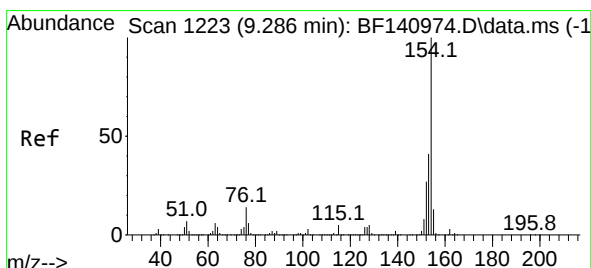
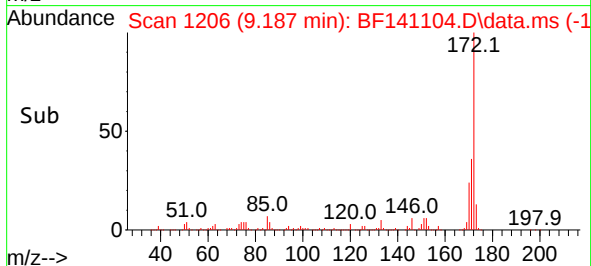
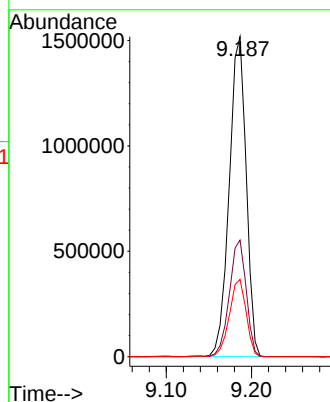
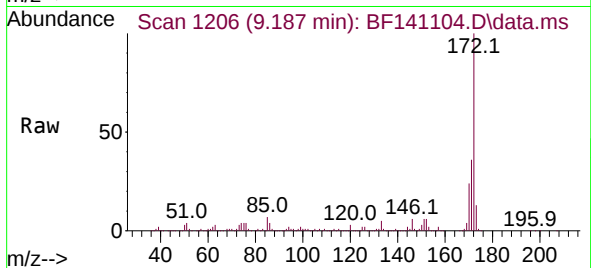
Tgt Ion:172 Resp: 2101187

Ion Ratio Lower Upper

172 100

171 36.4 29.0 43.4

170 24.1 19.6 29.4



#46

1,1'-Biphenyl

Concen: 49.878 ng

RT: 9.287 min Scan# 1223

Delta R.T. 0.001 min

Lab File: BF141104.D

Acq: 09 Jan 2025 15:01

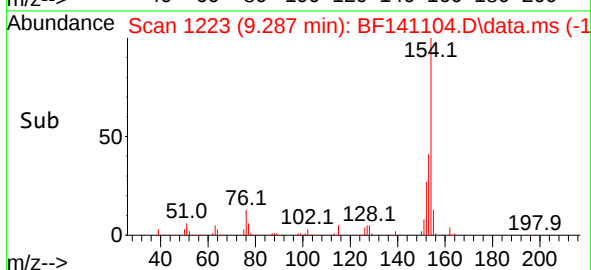
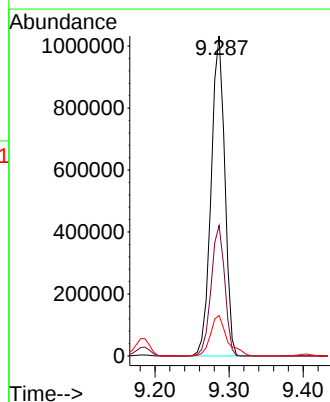
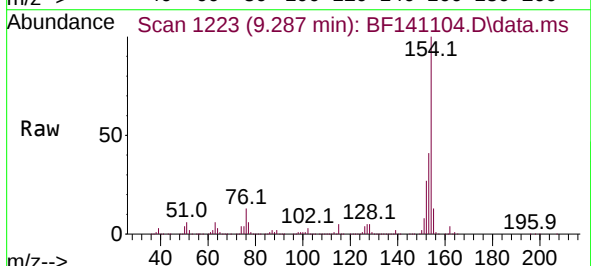
Tgt Ion:154 Resp: 1317199

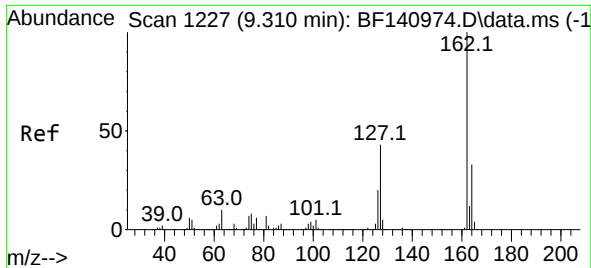
Ion Ratio Lower Upper

154 100

153 40.8 20.9 60.9

76 12.6 0.0 34.0

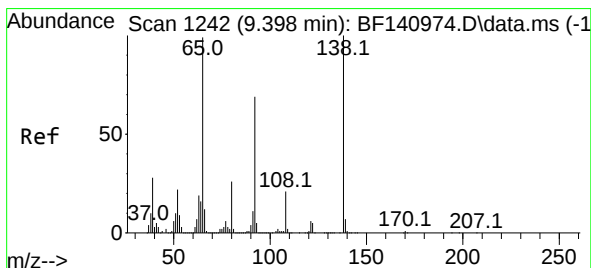
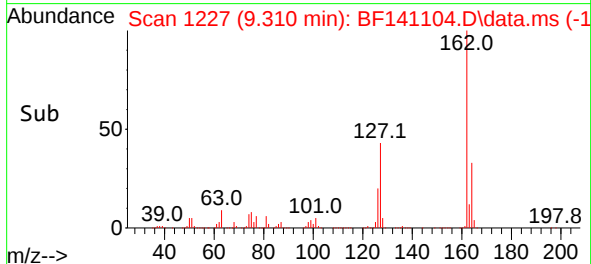
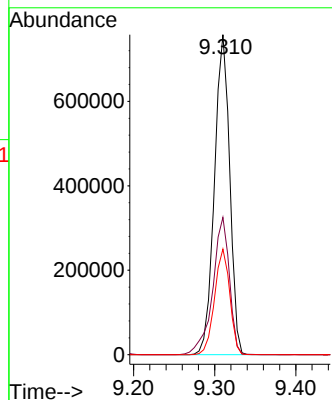
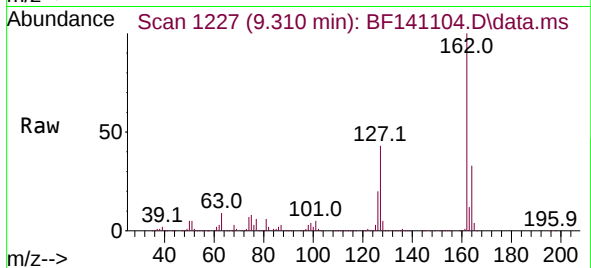




#47
2-Chloronaphthalene
Concen: 48.371 ng
RT: 9.310 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141104.D
Acq: 09 Jan 2025 15:01

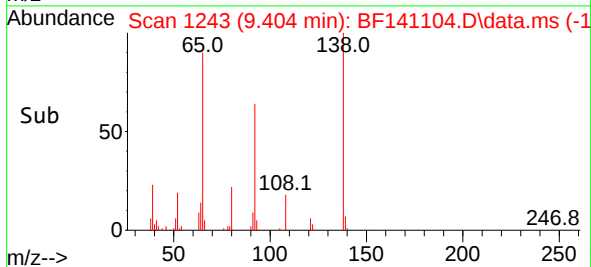
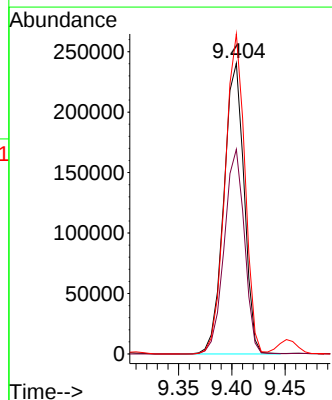
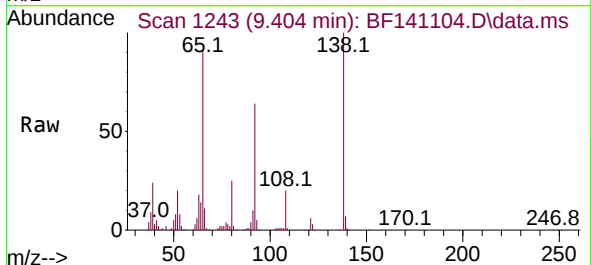
Instrument :
BNA_F
ClientSampleId :
PB165989BS

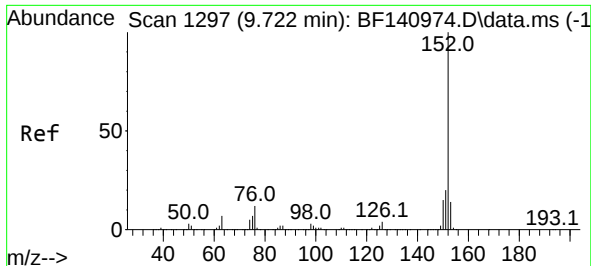
Tgt Ion:162 Resp: 990711
Ion Ratio Lower Upper
162 100
127 42.9 34.2 51.4
164 33.0 26.6 40.0



#48
2-Nitroaniline
Concen: 58.143 ng
RT: 9.404 min Scan# 1243
Delta R.T. 0.006 min
Lab File: BF141104.D
Acq: 09 Jan 2025 15:01

Tgt Ion: 65 Resp: 317358
Ion Ratio Lower Upper
65 100
92 70.4 55.6 83.4
138 110.1 80.5 120.7

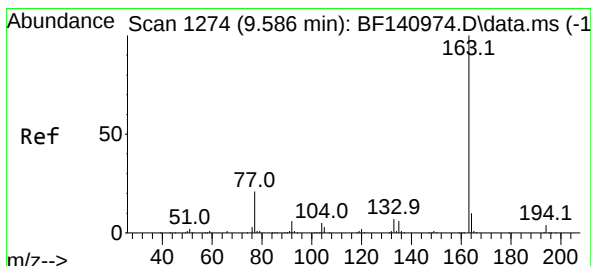
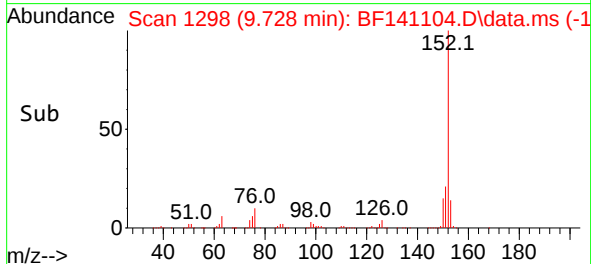
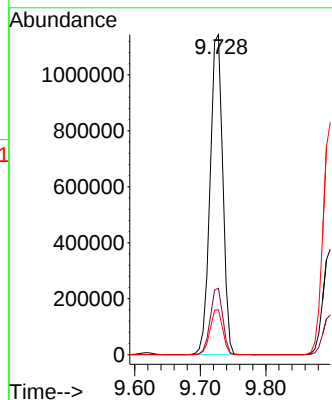
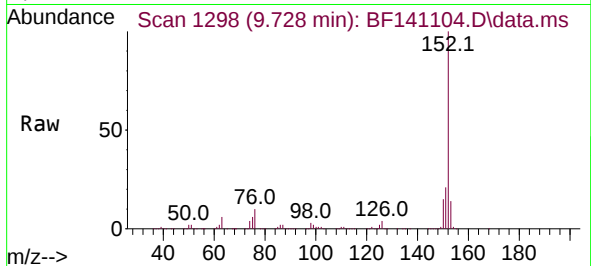




#49
Acenaphthylene
Concen: 52.282 ng
RT: 9.728 min Scan# 1297
Delta R.T. 0.006 min
Lab File: BF141104.D
Acq: 09 Jan 2025 15:01

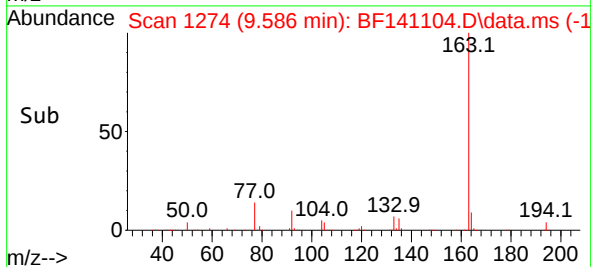
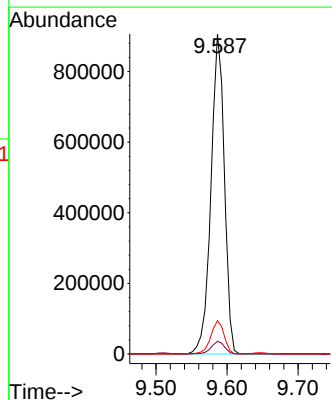
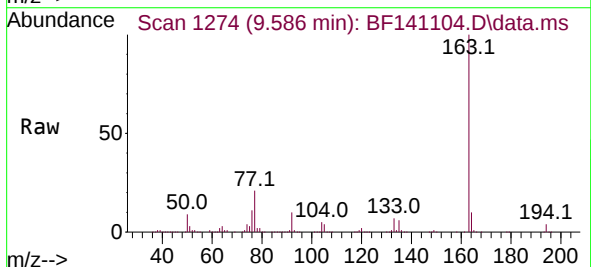
Instrument :
BNA_F
ClientSampleId :
PB165989BS

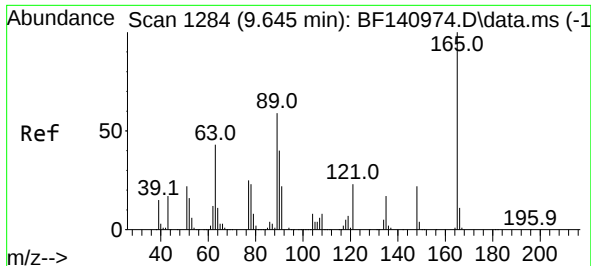
Tgt Ion:152 Resp: 1541479
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 14.1 11.4 17.0



#50
Dimethylphthalate
Concen: 52.442 ng
RT: 9.586 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BF141104.D
Acq: 09 Jan 2025 15:01

Tgt Ion:163 Resp: 1189700
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.4 8.3 12.5

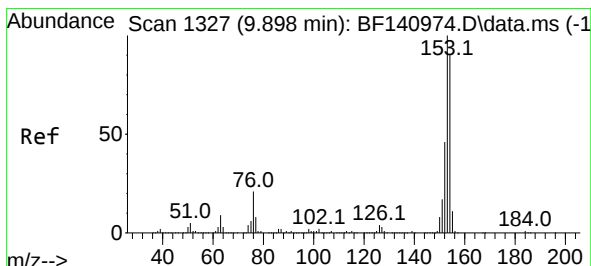
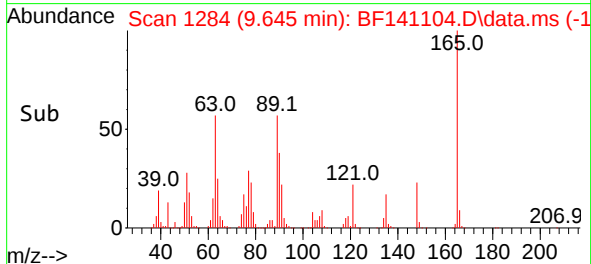
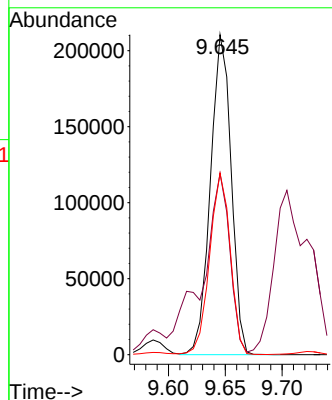
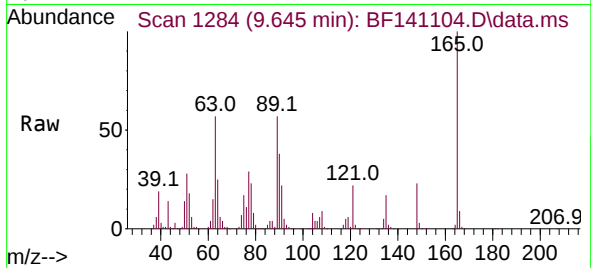




#51
2,6-Dinitrotoluene
Concen: 57.142 ng
RT: 9.645 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF141104.D
Acq: 09 Jan 2025 15:01

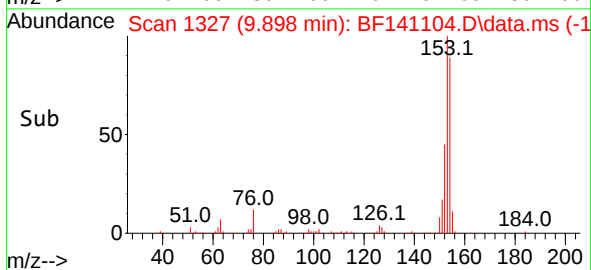
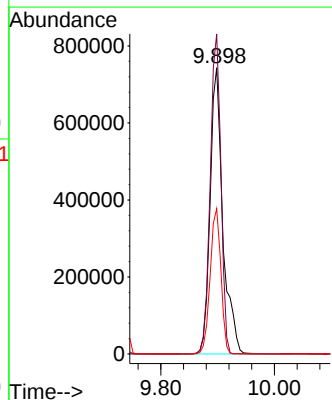
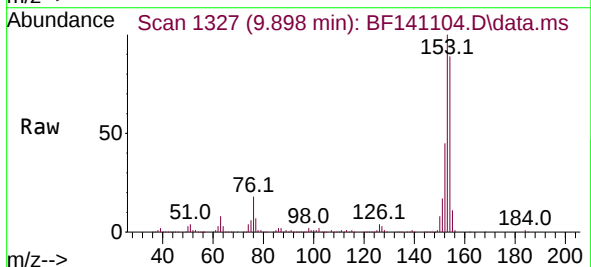
Instrument :
BNA_F
ClientSampleId :
PB165989BS

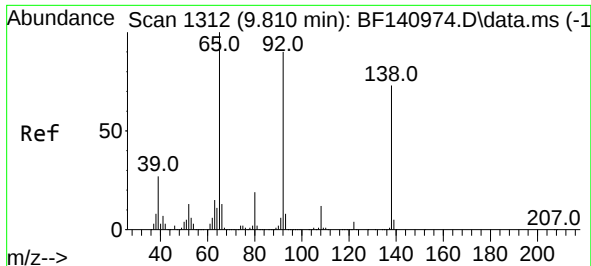
Tgt Ion:165 Resp: 267854
Ion Ratio Lower Upper
165 100
63 56.6 47.1 70.7
89 56.7 47.0 70.4



#52
Acenaphthene
Concen: 57.819 ng
RT: 9.898 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF141104.D
Acq: 09 Jan 2025 15:01

Tgt Ion:154 Resp: 1152496
Ion Ratio Lower Upper
154 100
153 111.8 89.2 133.8
152 50.8 40.9 61.3

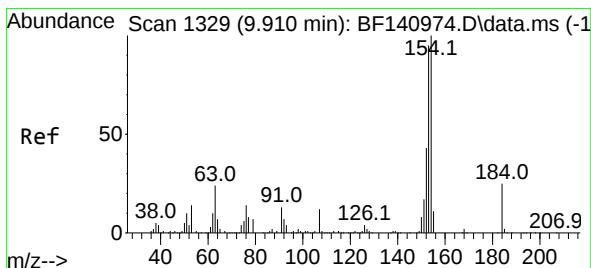
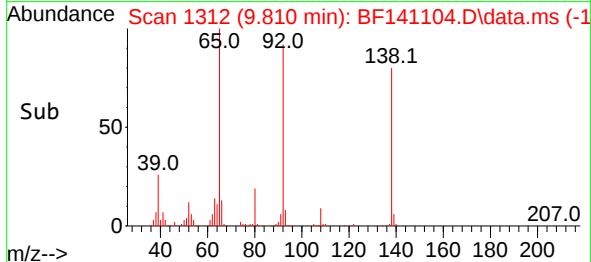
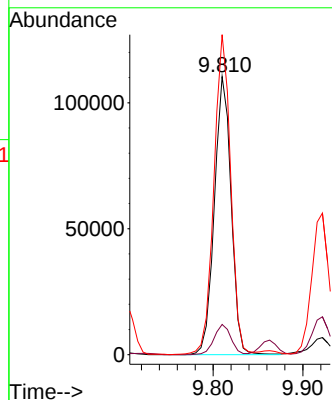
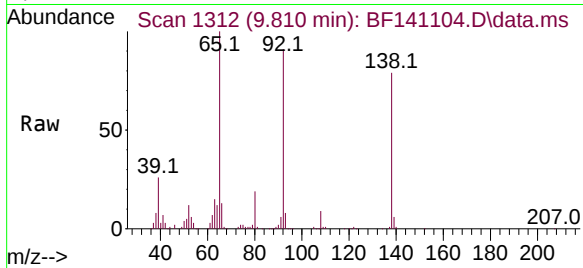




#53
3-Nitroaniline
Concen: 29.788 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141104.D
Acq: 09 Jan 2025 15:01

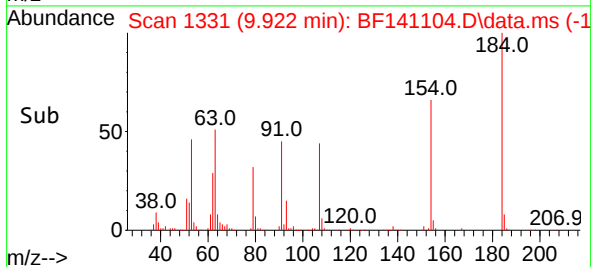
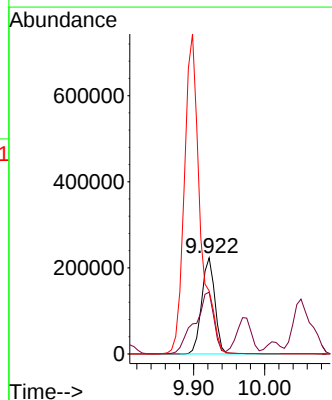
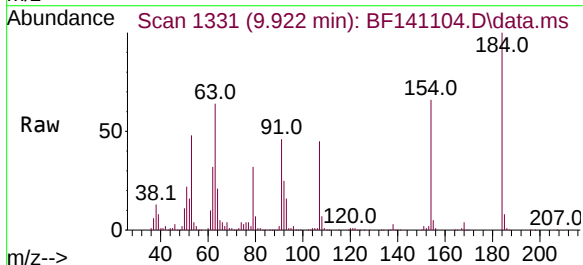
Instrument :
BNA_F
ClientSampleId :
PB165989BS

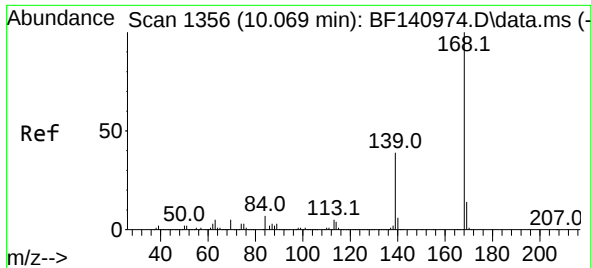
Tgt Ion:138 Resp: 143184
Ion Ratio Lower Upper
138 100
108 10.9 13.5 20.3#
92 115.1 97.7 146.5



#54
2,4-Dinitrophenol
Concen: 125.387 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.012 min
Lab File: BF141104.D
Acq: 09 Jan 2025 15:01

Tgt Ion:184 Resp: 291700
Ion Ratio Lower Upper
184 100
63 64.2 81.6 122.4#
154 65.6 363.5 545.3#

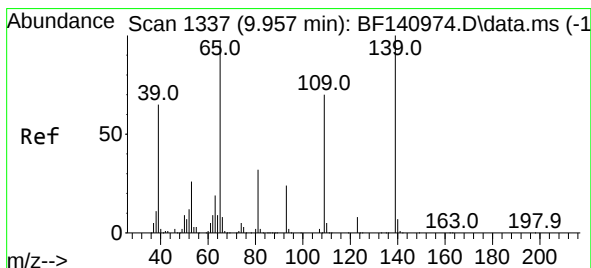
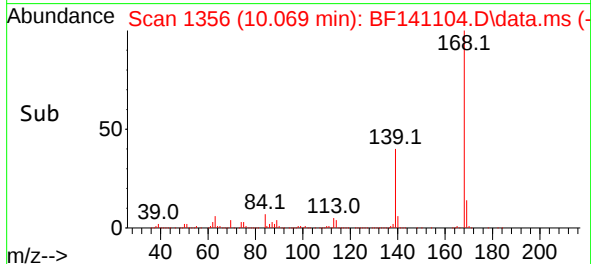
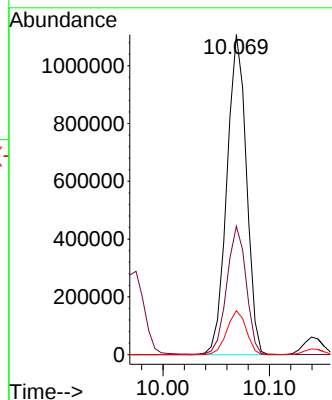
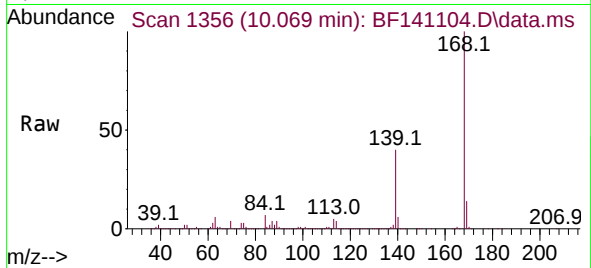




#55
Dibenzofuran
Concen: 50.172 ng
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141104.D
Acq: 09 Jan 2025 15:01

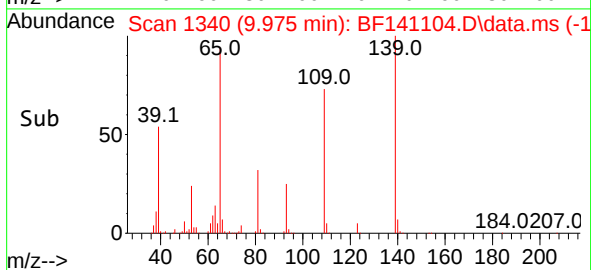
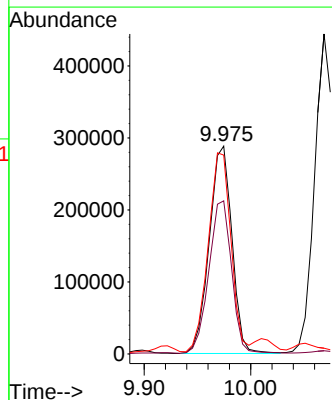
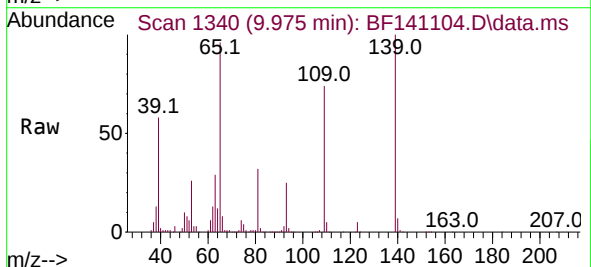
Instrument :
BNA_F
ClientSampleId :
PB165989BS

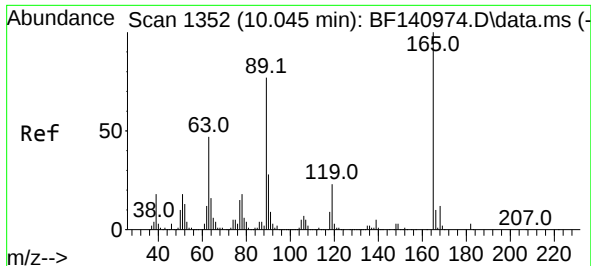
Tgt Ion:168 Resp: 1405430
Ion Ratio Lower Upper
168 100
139 40.1 31.6 47.4
169 13.7 11.0 16.6



#56
4-Nitrophenol
Concen: 110.113 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.018 min
Lab File: BF141104.D
Acq: 09 Jan 2025 15:01

Tgt Ion:139 Resp: 427308
Ion Ratio Lower Upper
139 100
109 73.7 50.8 90.8
65 95.7 78.5 118.5

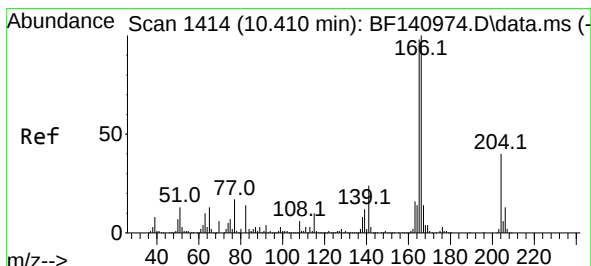
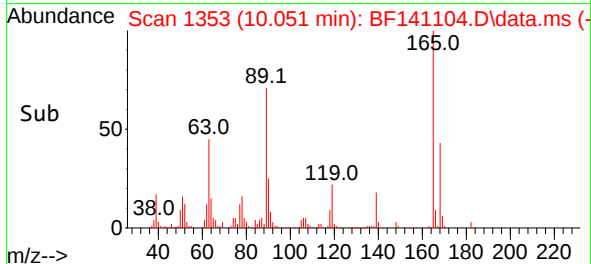
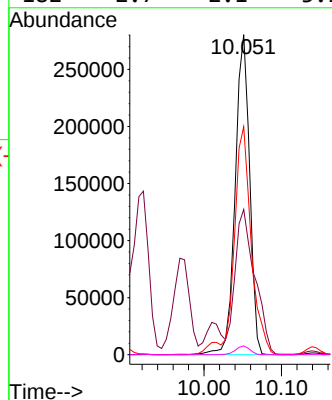
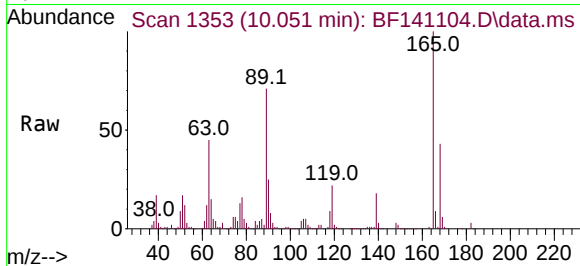




#57
2,4-Dinitrotoluene
Concen: 62.458 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF141104.D
Acq: 09 Jan 2025 15:01

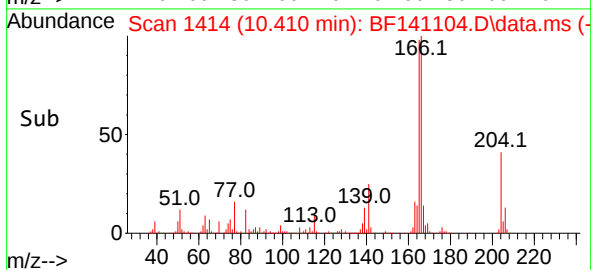
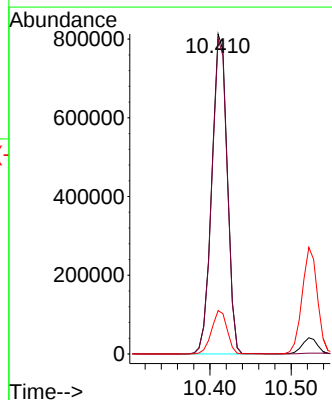
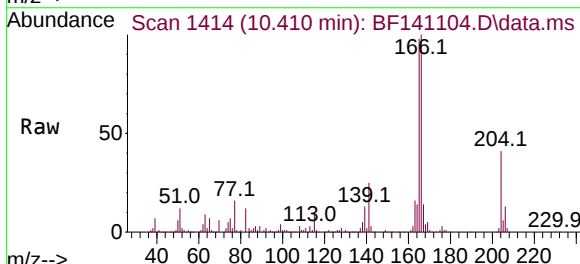
Instrument :
BNA_F
ClientSampleId :
PB165989BS

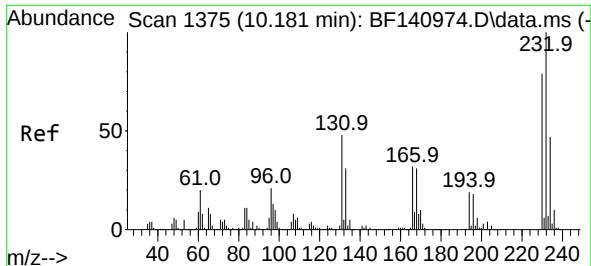
Tgt Ion:165 Resp: 362069
Ion Ratio Lower Upper
165 100
63 45.4 38.1 57.1
89 71.2 61.4 92.2
182 2.7 2.1 3.1



#58
Fluorene
Concen: 49.438 ng
RT: 10.410 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF141104.D
Acq: 09 Jan 2025 15:01

Tgt Ion:166 Resp: 1073907
Ion Ratio Lower Upper
166 100
165 98.4 78.3 117.5
167 13.5 10.9 16.3

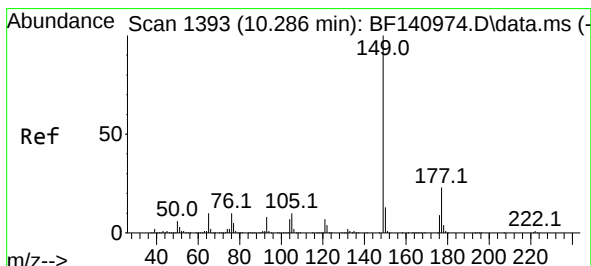
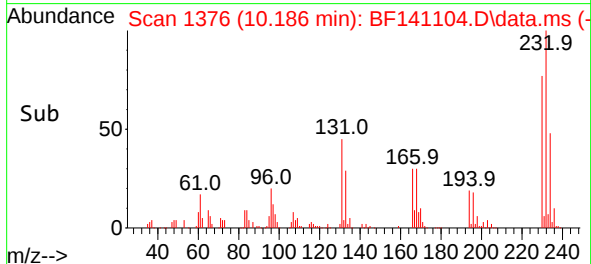
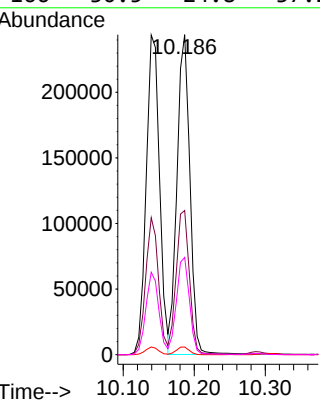
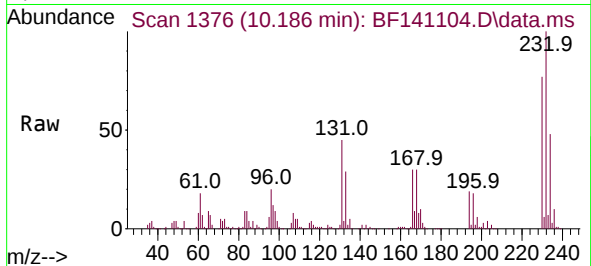




#59
2,3,4,6-Tetrachlorophenol
Concen: 57.552 ng
RT: 10.186 min Scan# 1375
Delta R.T. 0.006 min
Lab File: BF141104.D
Acq: 09 Jan 2025 15:01

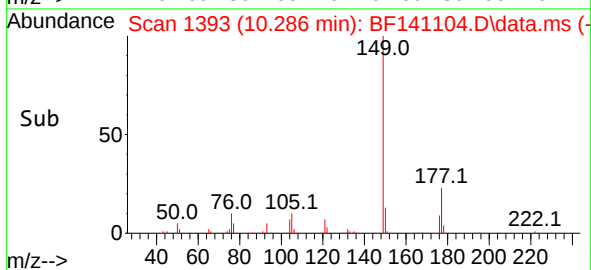
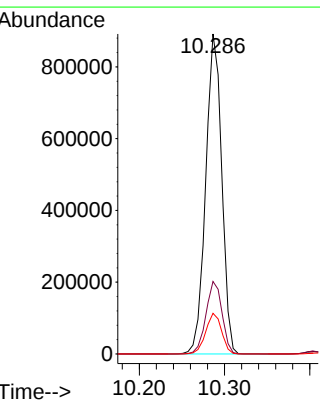
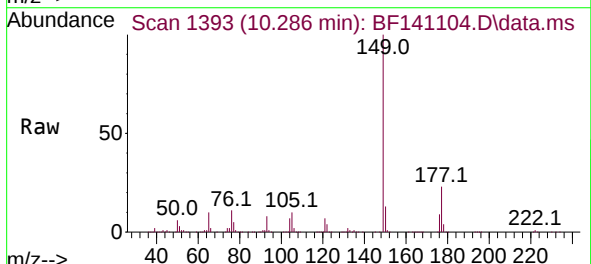
Instrument :
BNA_F
ClientSampleId :
PB165989BS

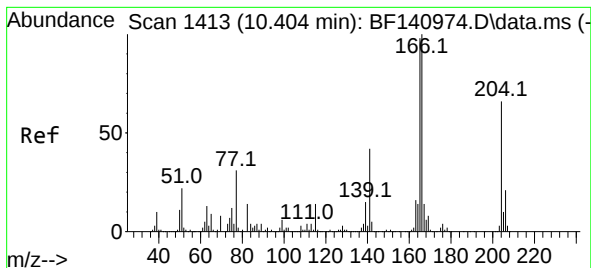
Tgt Ion:232 Resp: 307984
Ion Ratio Lower Upper
232 100
131 46.3 37.4 56.2
130 2.4 1.8 2.8
166 30.5 24.8 37.2



#60
Diethylphthalate
Concen: 51.965 ng
RT: 10.286 min Scan# 1393
Delta R.T. 0.000 min
Lab File: BF141104.D
Acq: 09 Jan 2025 15:01

Tgt Ion:149 Resp: 1163839
Ion Ratio Lower Upper
149 100
177 22.7 18.3 27.5
150 12.7 10.4 15.6

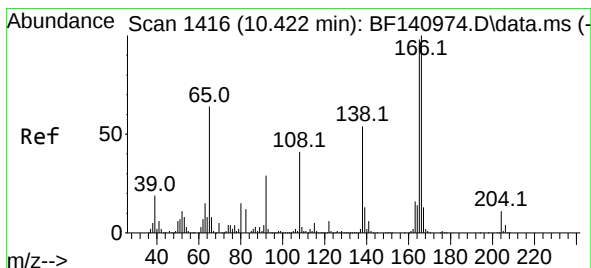
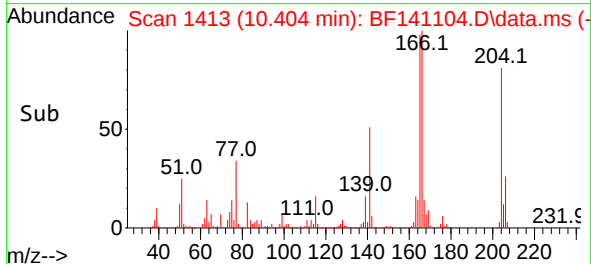
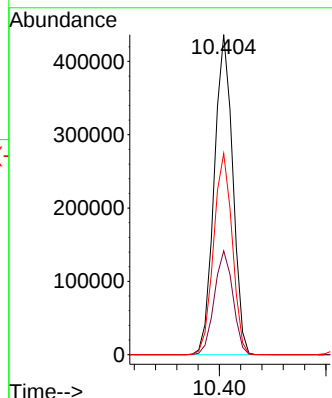
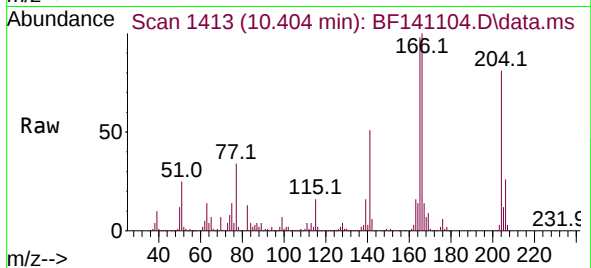




#61
4-Chlorophenyl-phenylether
Concen: 50.413 ng
RT: 10.404 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF141104.D
Acq: 09 Jan 2025 15:01

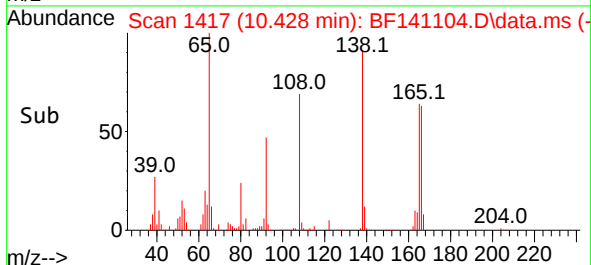
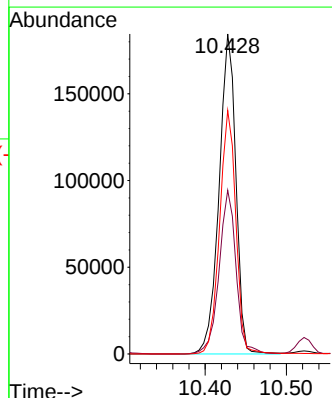
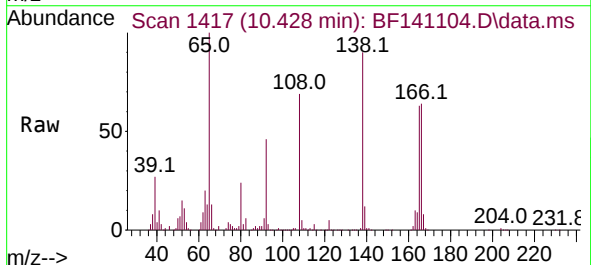
Instrument :
BNA_F
ClientSampleId :
PB165989BS

Tgt Ion:204 Resp: 526923
Ion Ratio Lower Upper
204 100
206 32.5 25.8 38.6
141 62.9 51.2 76.8



#62
4-Nitroaniline
Concen: 52.518 ng
RT: 10.428 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF141104.D
Acq: 09 Jan 2025 15:01

Tgt Ion:138 Resp: 265677
Ion Ratio Lower Upper
138 100
92 51.2 34.8 74.8
108 76.1 55.9 95.9

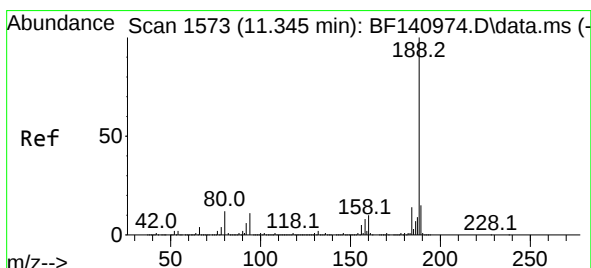
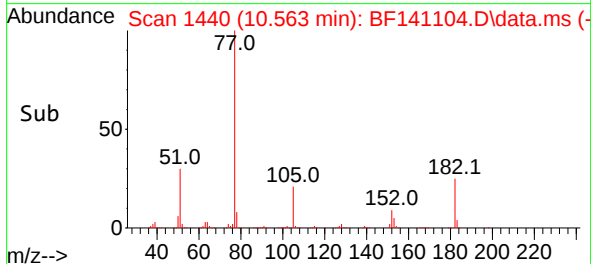
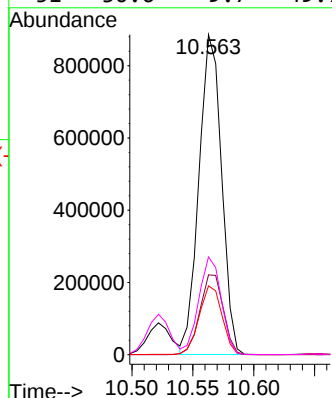
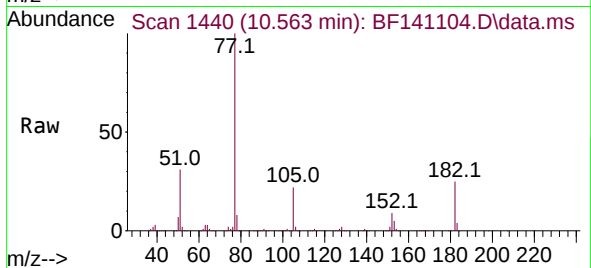




#63
Azobenzene
Concen: 48.508 ng
RT: 10.563 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF141104.D
Acq: 09 Jan 2025 15:01

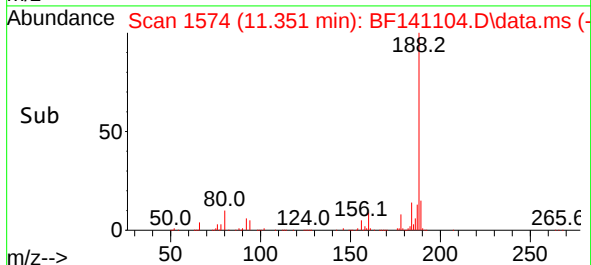
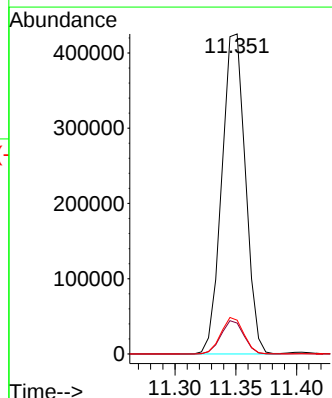
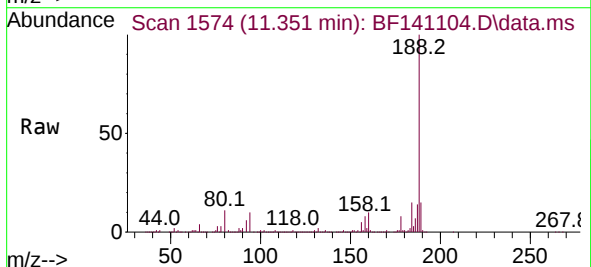
Instrument :
BNA_F
ClientSampleId :
PB165989BS

Tgt Ion: 77 Resp: 1140322
Ion Ratio Lower Upper
77 100
182 25.0 4.1 44.1
105 21.5 1.8 41.8
51 30.6 9.7 49.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1574
Delta R.T. 0.006 min
Lab File: BF141104.D
Acq: 09 Jan 2025 15:01

Tgt Ion: 188 Resp: 572927
Ion Ratio Lower Upper
188 100
94 9.7 9.0 13.6
80 10.6 9.8 14.6

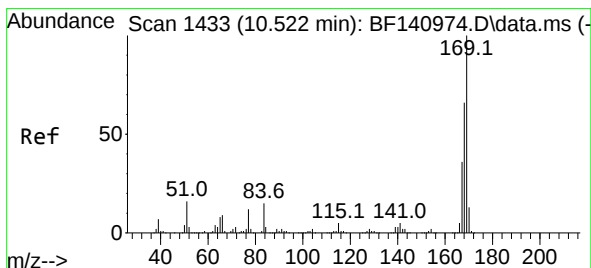
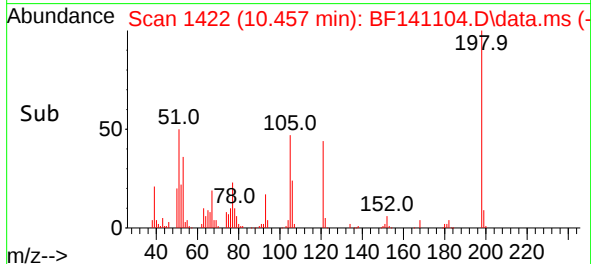
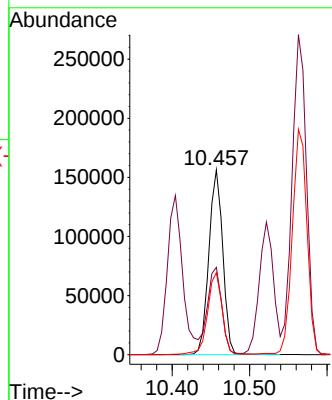
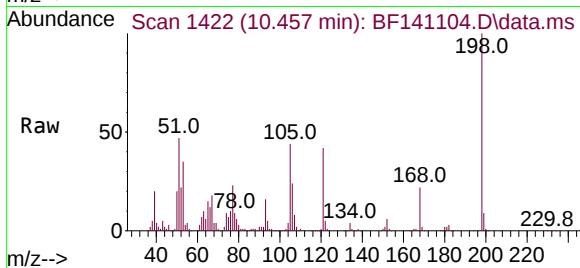




#65
4,6-Dinitro-2-methylphenol
Concen: 78.254 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF141104.D
Acq: 09 Jan 2025 15:01

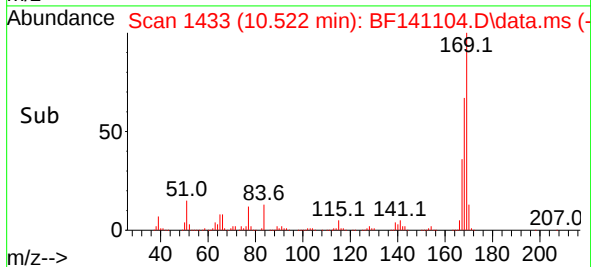
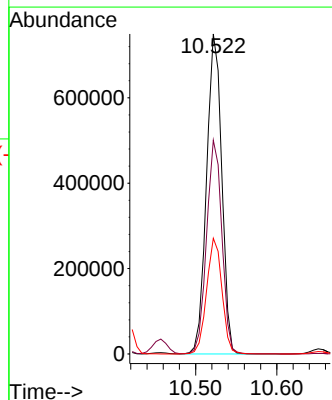
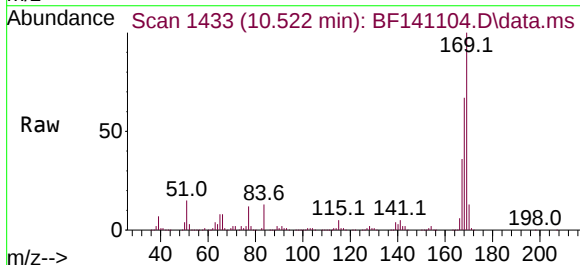
Instrument :
BNA_F
ClientSampleId :
PB165989BS

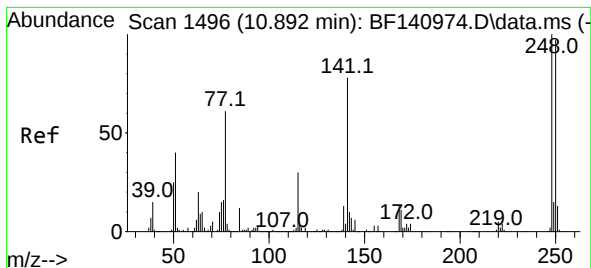
Tgt Ion:198 Resp: 195461
Ion Ratio Lower Upper
198 100
51 47.3 32.3 72.3
105 44.3 28.4 68.4



#66
n-Nitrosodiphenylamine
Concen: 53.786 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF141104.D
Acq: 09 Jan 2025 15:01

Tgt Ion:169 Resp: 970379
Ion Ratio Lower Upper
169 100
168 66.8 52.6 79.0
167 36.1 29.0 43.4

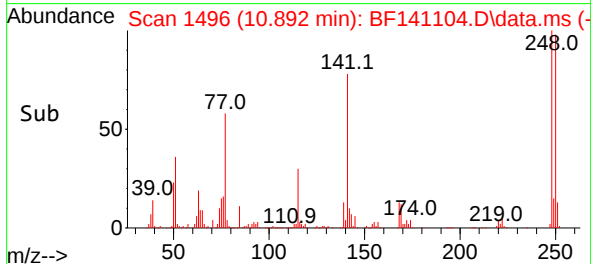
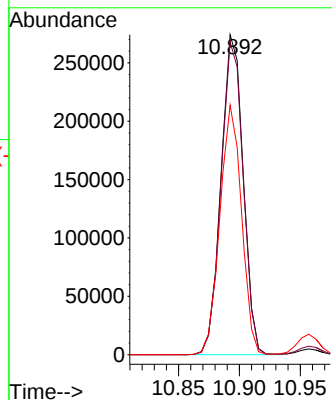
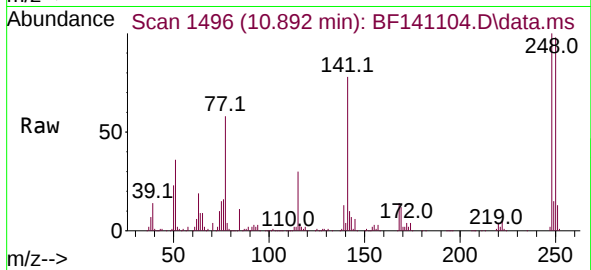




#67
4-Bromophenyl-phenylether
Concen: 56.050 ng
RT: 10.892 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF141104.D
Acq: 09 Jan 2025 15:01

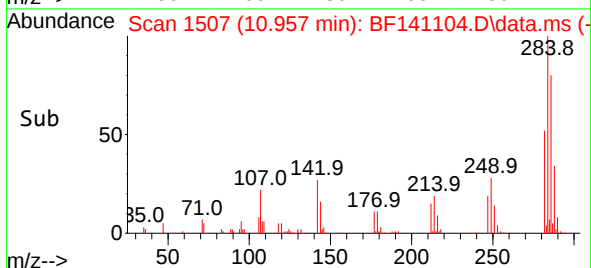
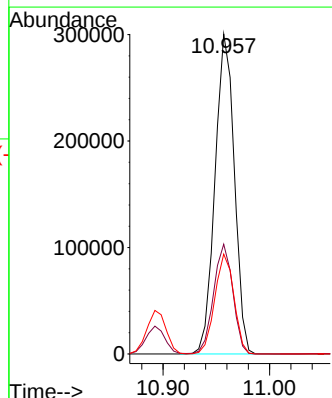
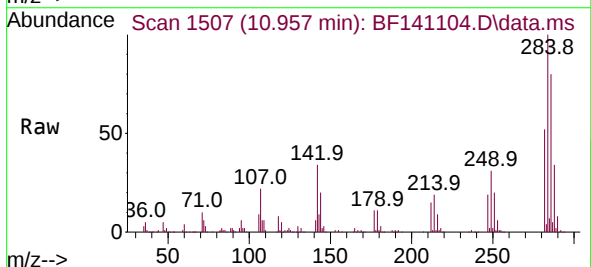
Instrument :
BNA_F
ClientSampleId :
PB165989BS

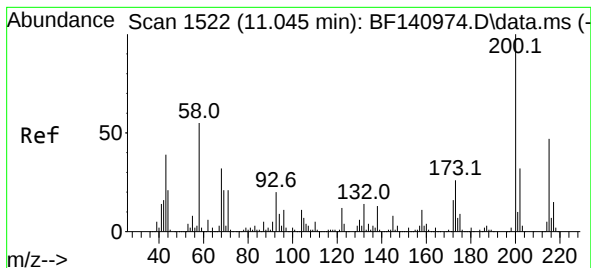
Tgt Ion:248 Resp: 347144
Ion Ratio Lower Upper
248 100
250 97.7 77.7 116.5
141 78.0 62.1 93.1



#68
Hexachlorobenzene
Concen: 55.369 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF141104.D
Acq: 09 Jan 2025 15:01

Tgt Ion:284 Resp: 378129
Ion Ratio Lower Upper
284 100
142 34.3 27.1 40.7
249 31.2 25.1 37.7





#69

Atrazine

Concen: 67.614 ng

RT: 11.051 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF141104.D

Acq: 09 Jan 2025 15:01

Instrument :

BNA_F

ClientSampleId :

PB165989BS

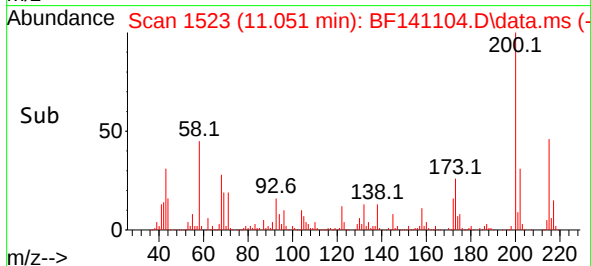
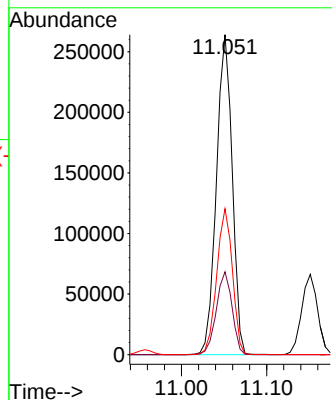
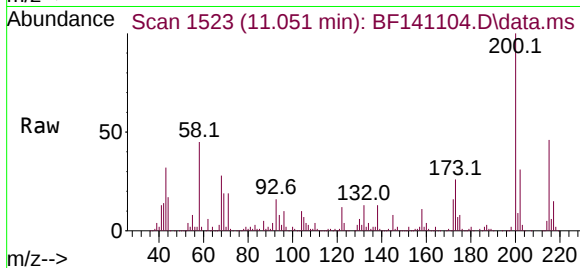
Tgt Ion:200 Resp: 340786

Ion Ratio Lower Upper

200 100

173 25.9 6.4 46.4

215 45.6 27.2 67.2



#70

Pentachlorophenol

Concen: 110.188 ng

RT: 11.151 min Scan# 1540

Delta R.T. 0.006 min

Lab File: BF141104.D

Acq: 09 Jan 2025 15:01

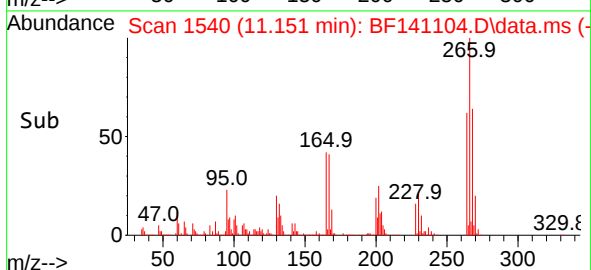
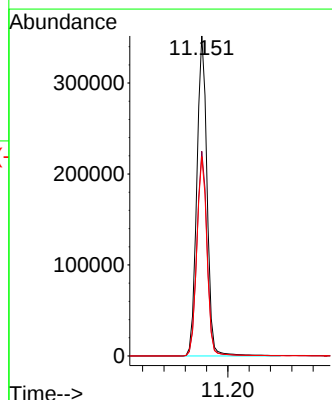
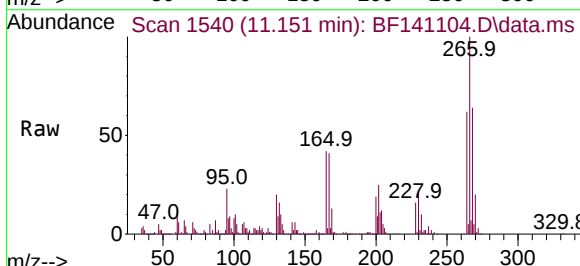
Tgt Ion:266 Resp: 468512

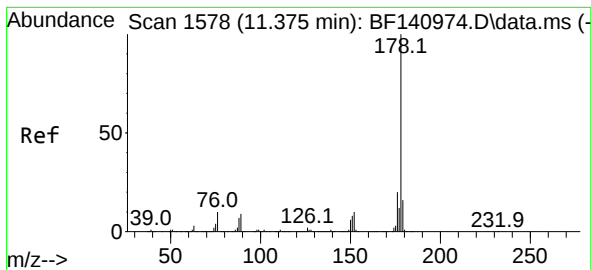
Ion Ratio Lower Upper

266 100

268 64.0 50.5 75.7

264 62.3 50.2 75.4





#71

Phenanthrene

Concen: 53.141 ng

RT: 11.375 min Scan# 1578

Delta R.T. 0.000 min

Lab File: BF141104.D

Acq: 09 Jan 2025 15:01

Instrument :

BNA_F

ClientSampleId :

PB165989BS

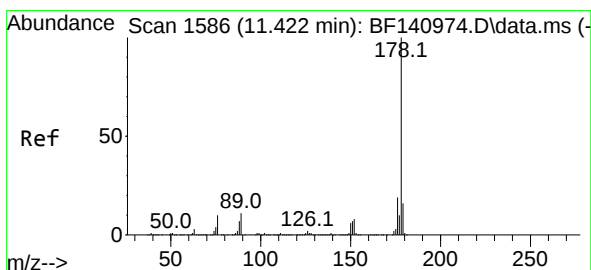
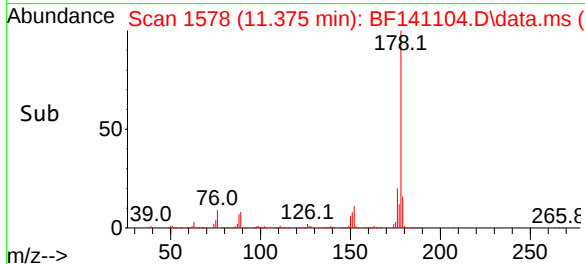
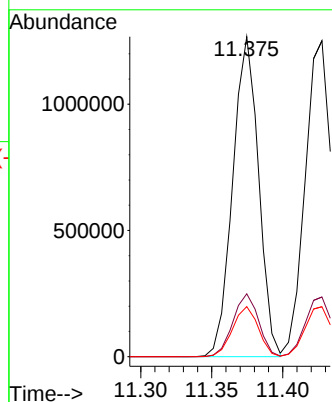
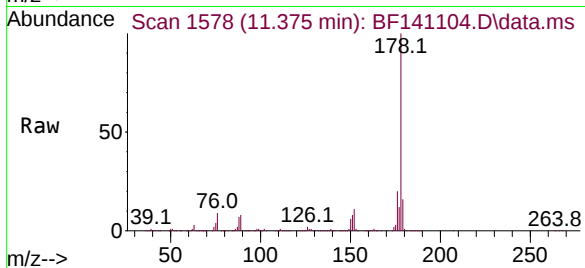
Tgt Ion:178 Resp: 1602387

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.6

179 15.6 12.6 19.0



#72

Anthracene

Concen: 55.334 ng

RT: 11.428 min Scan# 1587

Delta R.T. 0.006 min

Lab File: BF141104.D

Acq: 09 Jan 2025 15:01

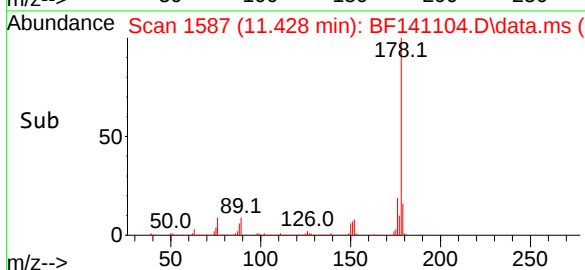
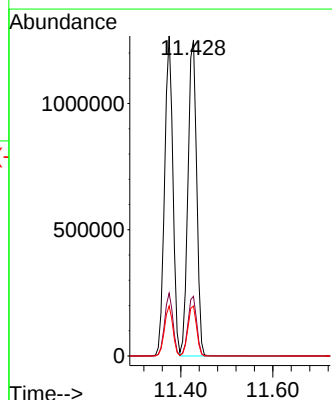
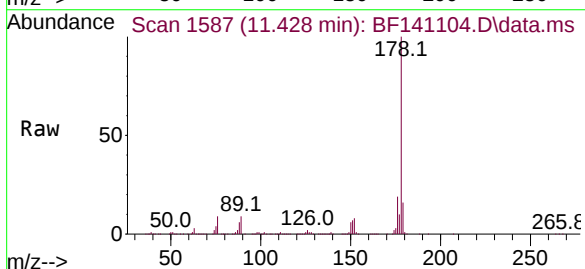
Tgt Ion:178 Resp: 1634948

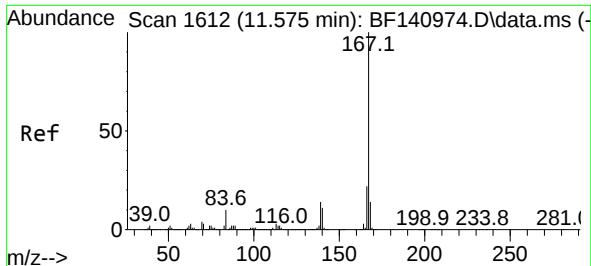
Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

179 15.8 12.9 19.3

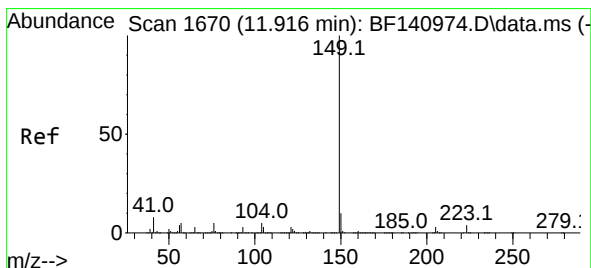
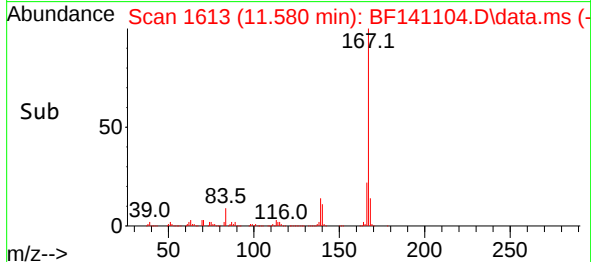
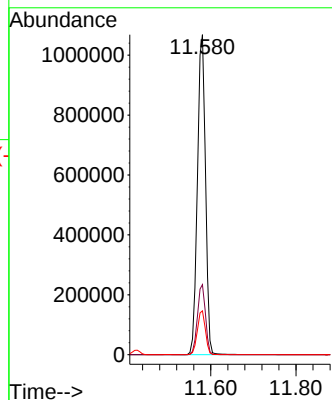
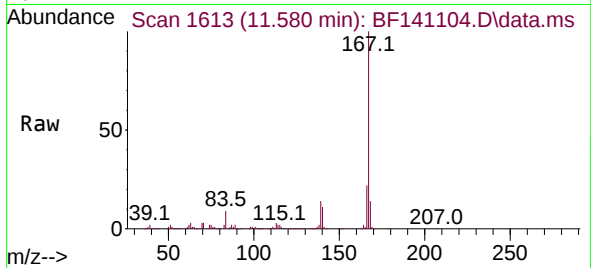




#73
Carbazole
Concen: 49.489 ng
RT: 11.580 min Scan# 1612
Delta R.T. 0.006 min
Lab File: BF141104.D
Acq: 09 Jan 2025 15:01

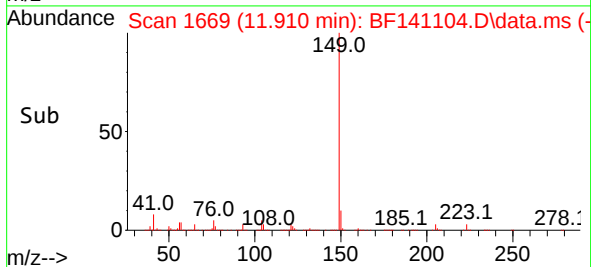
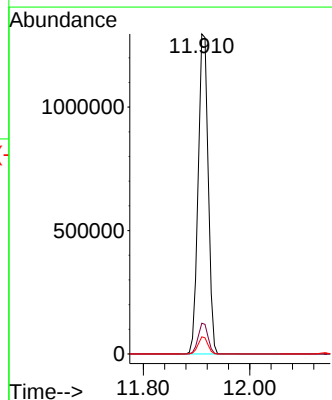
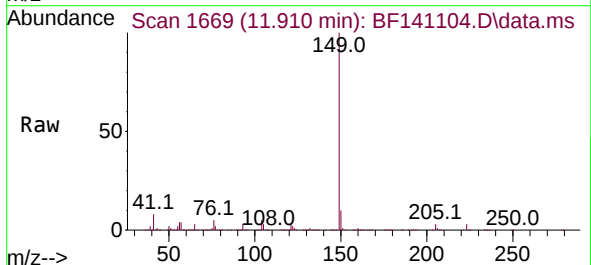
Instrument :
BNA_F
ClientSampleId :
PB165989BS

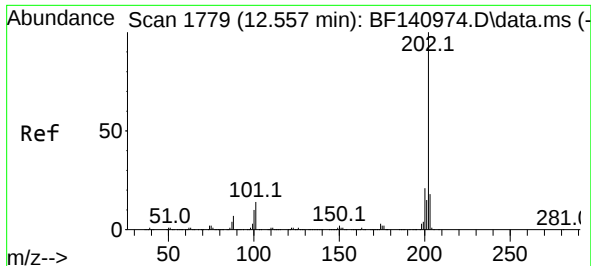
Tgt Ion:167 Resp: 1405694
Ion Ratio Lower Upper
167 100
166 21.9 17.5 26.3
139 13.7 11.0 16.4



#74
Di-n-butylphthalate
Concen: 52.481 ng
RT: 11.910 min Scan# 1669
Delta R.T. -0.006 min
Lab File: BF141104.D
Acq: 09 Jan 2025 15:01

Tgt Ion:149 Resp: 1695480
Ion Ratio Lower Upper
149 100
150 9.6 7.7 11.5
104 5.3 4.1 6.1

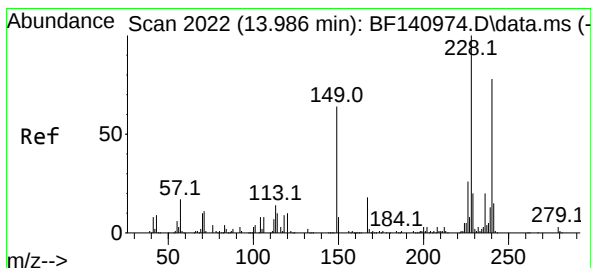
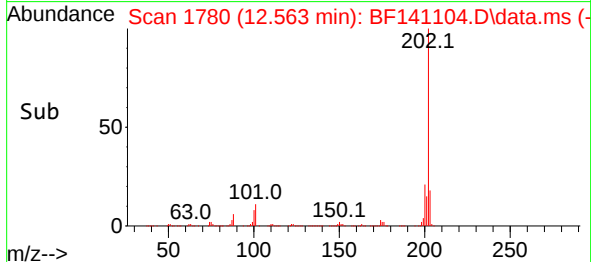
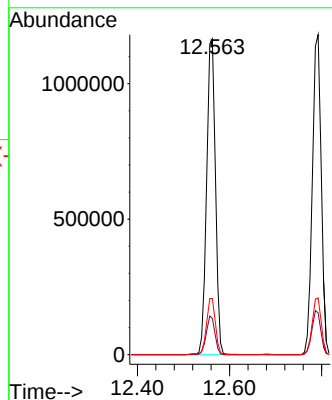
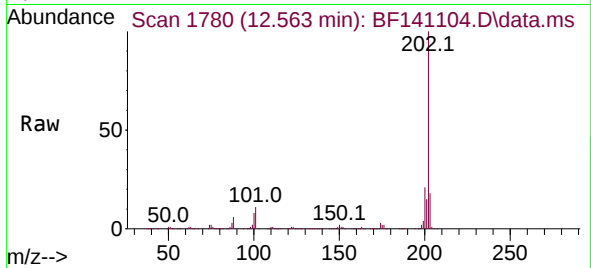




#75
Fluoranthene
Concen: 47.879 ng
RT: 12.563 min Scan# 1780
Delta R.T. 0.006 min
Lab File: BF141104.D
Acq: 09 Jan 2025 15:01

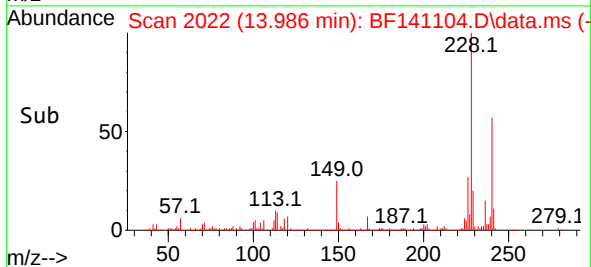
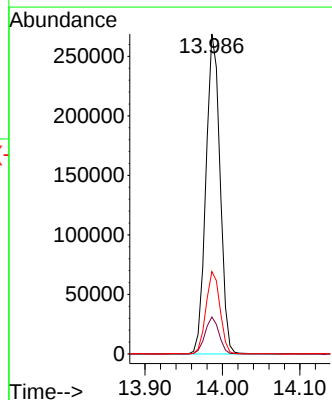
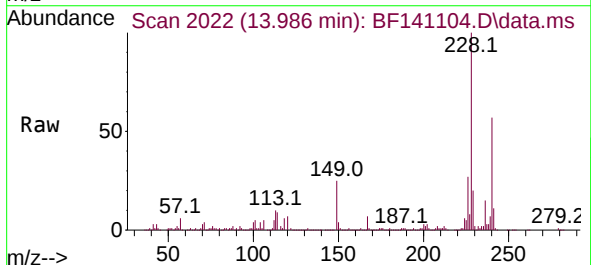
Instrument :
BNA_F
ClientSampleId :
PB165989BS

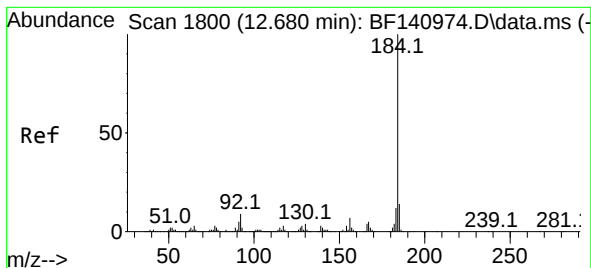
Tgt Ion:202 Resp: 1565804
Ion Ratio Lower Upper
202 100
101 11.5 0.0 33.7
203 17.8 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF141104.D
Acq: 09 Jan 2025 15:01

Tgt Ion:240 Resp: 339908
Ion Ratio Lower Upper
240 100
120 11.6 10.7 16.1
236 25.8 20.6 31.0





#77

Benzidine

Concen: 50.325 ng

RT: 12.680 min Scan# 1800

Delta R.T. 0.000 min

Lab File: BF141104.D

Acq: 09 Jan 2025 15:01

Instrument :

BNA_F

ClientSampleId :

PB165989BS

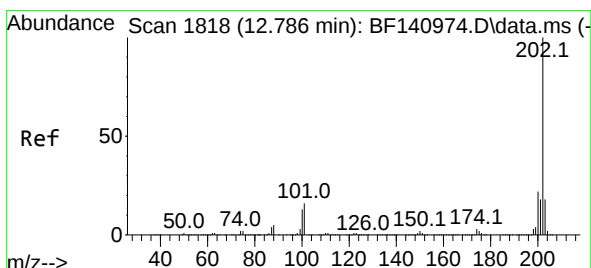
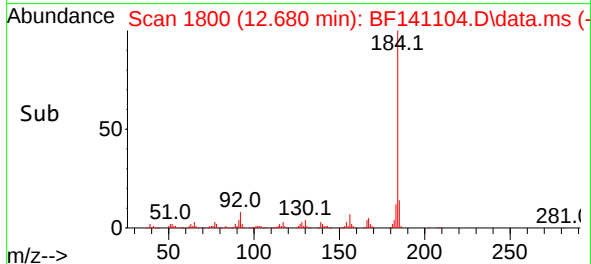
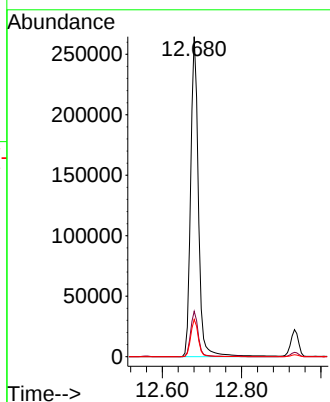
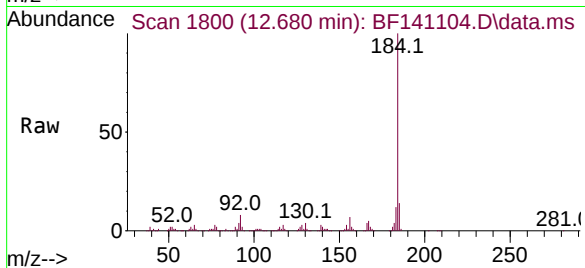
Tgt Ion:184 Resp: 361517

Ion Ratio Lower Upper

184 100

185 14.2 11.4 17.2

183 11.6 9.4 14.0



#78

Pyrene

Concen: 53.007 ng

RT: 12.792 min Scan# 1819

Delta R.T. 0.006 min

Lab File: BF141104.D

Acq: 09 Jan 2025 15:01

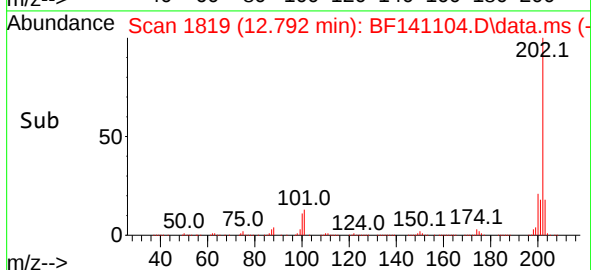
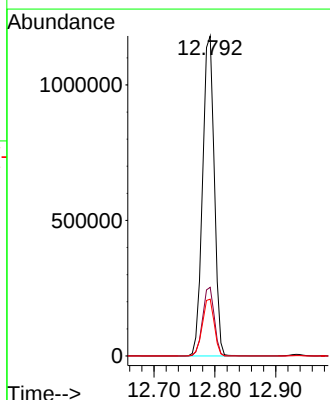
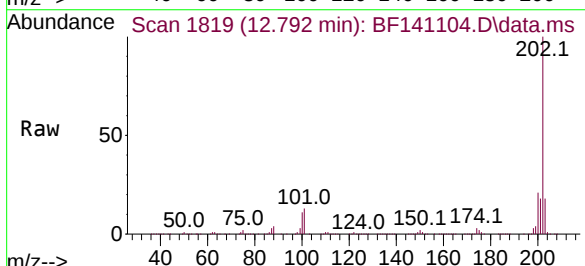
Tgt Ion:202 Resp: 1575764

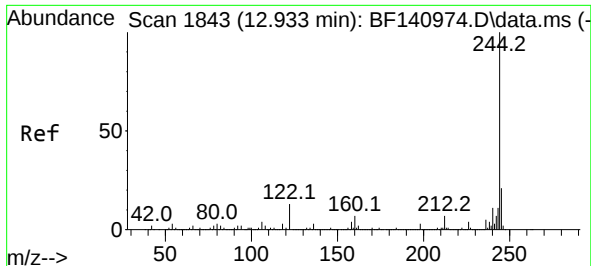
Ion Ratio Lower Upper

202 100

200 21.5 17.3 25.9

203 17.7 14.6 21.8

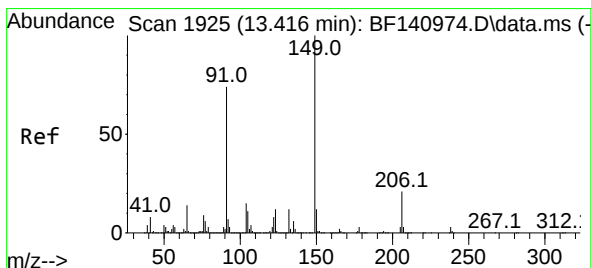
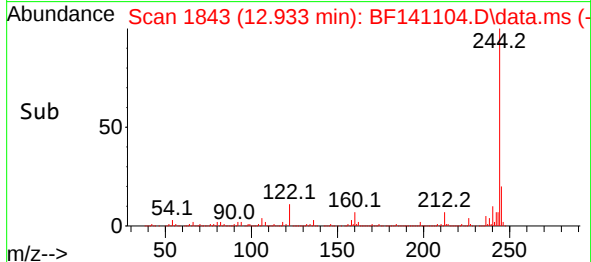
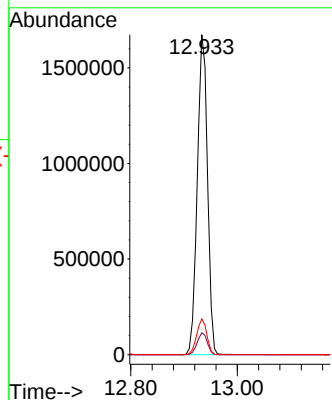
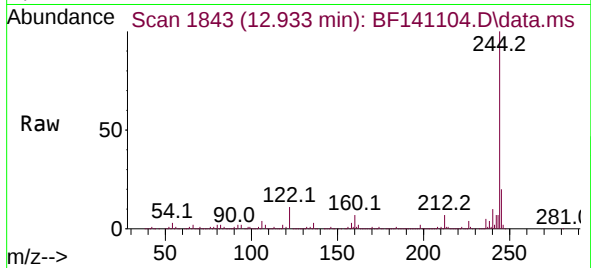




#79
 Terphenyl-d14
 Concen: 108.788 ng
 RT: 12.933 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF141104.D
 Acq: 09 Jan 2025 15:01

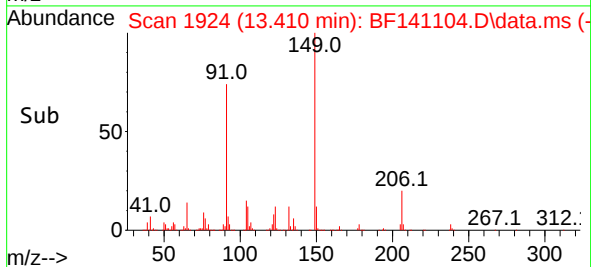
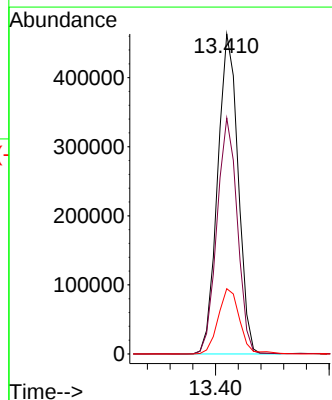
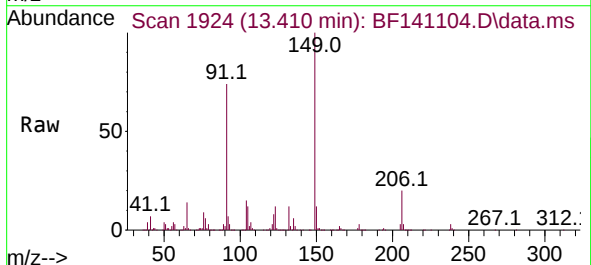
Instrument :
 BNA_F
 ClientSampleId :
 PB165989BS

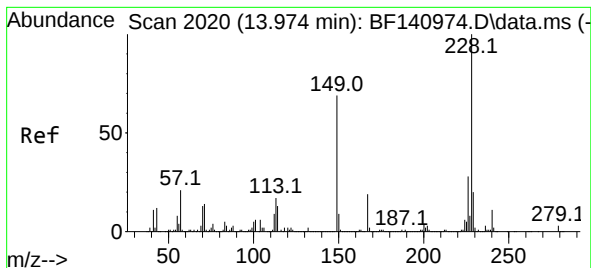
Tgt Ion:244 Resp: 2226250
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 11.2 10.2 15.2



#80
 Butylbenzylphthalate
 Concen: 53.538 ng
 RT: 13.410 min Scan# 1924
 Delta R.T. -0.006 min
 Lab File: BF141104.D
 Acq: 09 Jan 2025 15:01

Tgt Ion:149 Resp: 581165
 Ion Ratio Lower Upper
 149 100
 91 73.7 59.5 89.3
 206 20.4 17.1 25.7

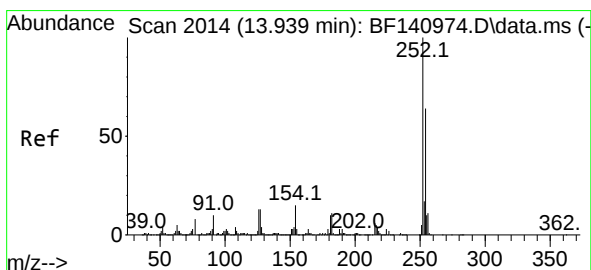
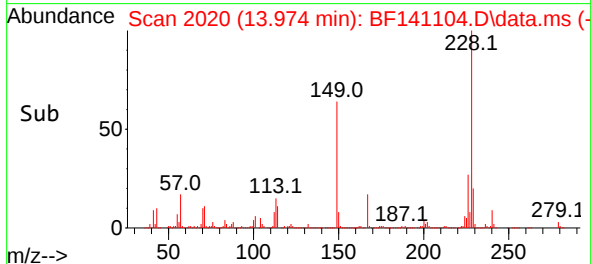
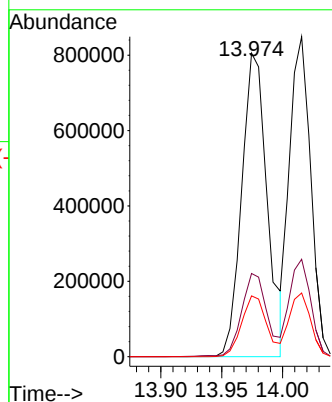
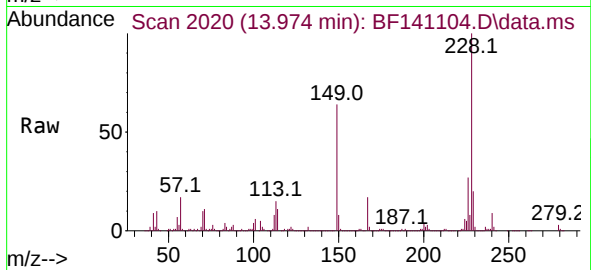




#81
Benzo(a)anthracene
Concen: 49.474 ng
RT: 13.974 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF141104.D
Acq: 09 Jan 2025 15:01

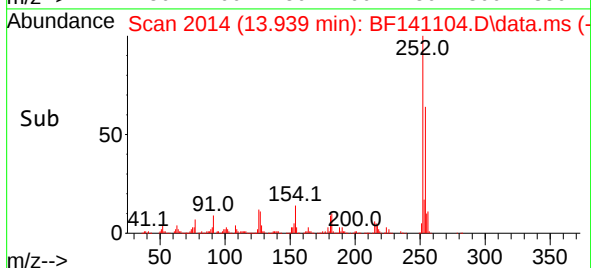
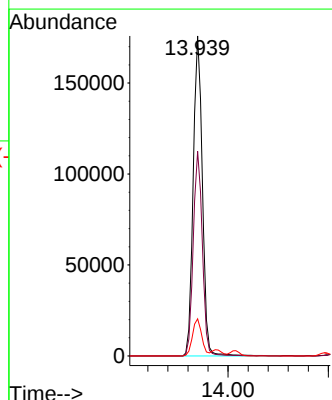
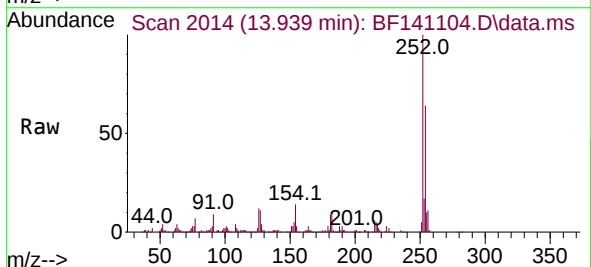
Instrument :
BNA_F
ClientSampleId :
PB165989BS

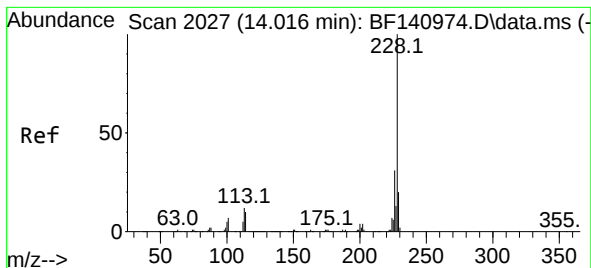
Tgt Ion:228 Resp: 1172023
Ion Ratio Lower Upper
228 100
226 27.4 22.1 33.1
229 20.0 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 31.365 ng
RT: 13.939 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF141104.D
Acq: 09 Jan 2025 15:01

Tgt Ion:252 Resp: 223239
Ion Ratio Lower Upper
252 100
254 63.9 51.5 77.3
126 11.6 10.3 15.5





#83

Chrysene

Concen: 48.238 ng

RT: 14.016 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF141104.D

Acq: 09 Jan 2025 15:01

Instrument :

BNA_F

ClientSampleId :

PB165989BS

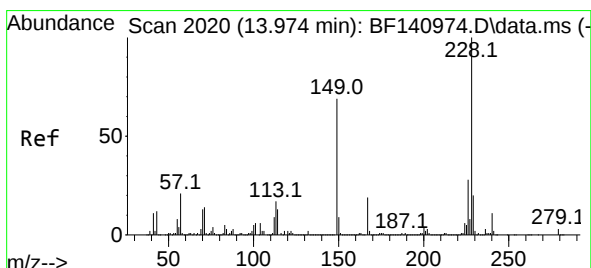
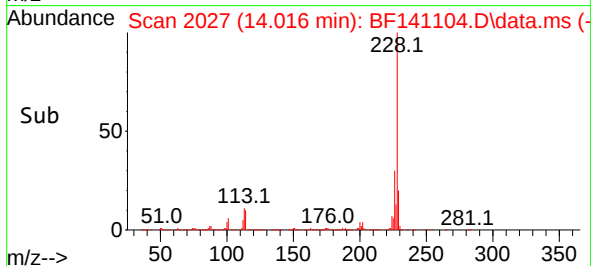
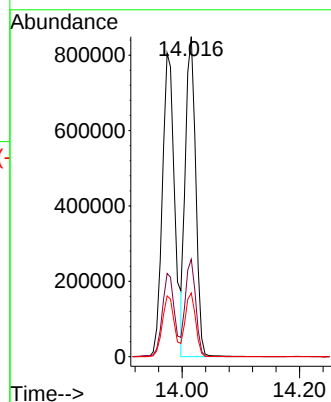
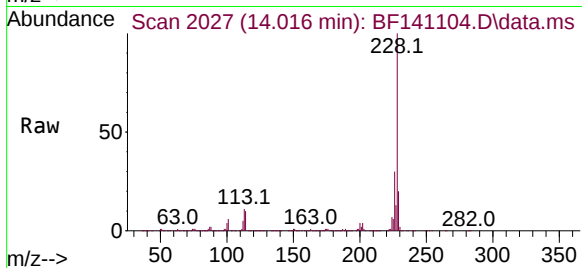
Tgt Ion:228 Resp: 1030145

Ion Ratio Lower Upper

228 100

226 30.4 24.5 36.7

229 19.9 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.887 ng

RT: 13.974 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF141104.D

Acq: 09 Jan 2025 15:01

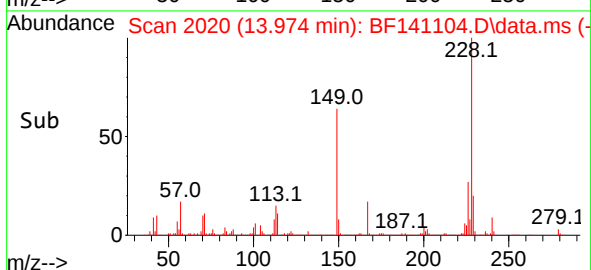
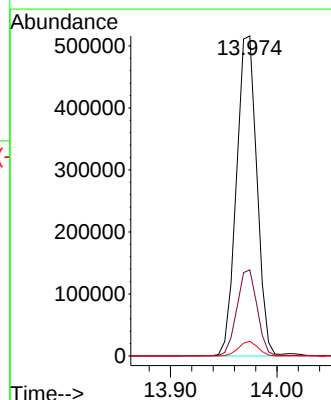
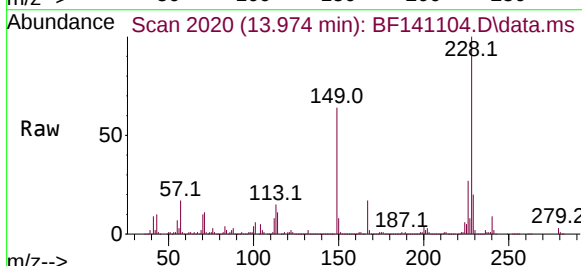
Tgt Ion:149 Resp: 688362

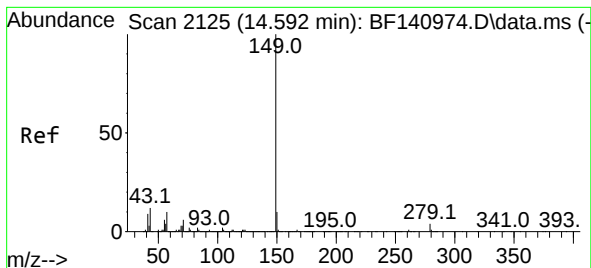
Ion Ratio Lower Upper

149 100

167 26.9 21.6 32.4

279 4.6 3.2 4.8

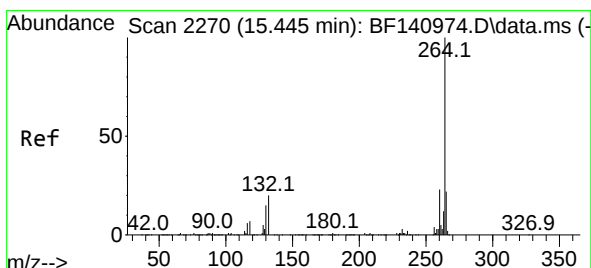
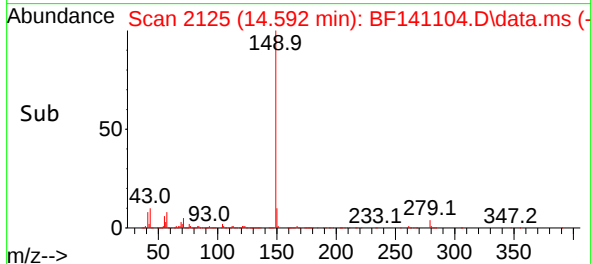
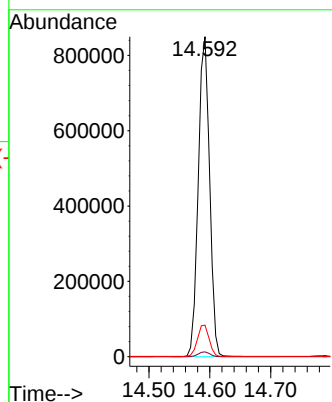
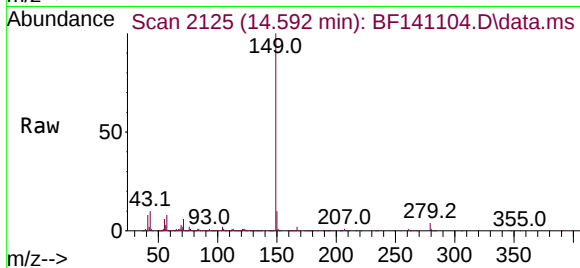




#85
Di-n-octyl phthalate
Concen: 53.683 ng
RT: 14.592 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BF141104.D
Acq: 09 Jan 2025 15:01

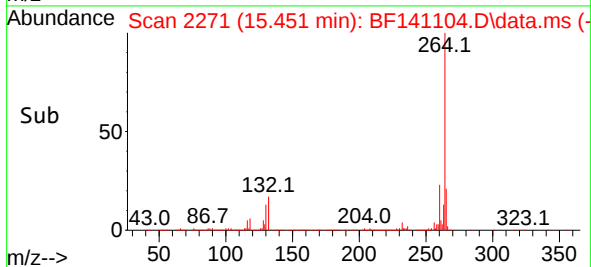
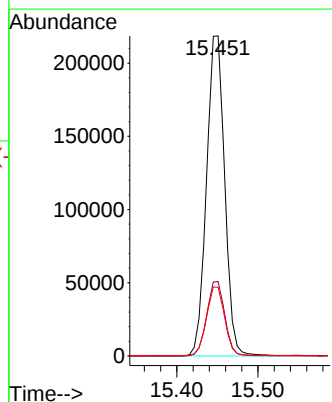
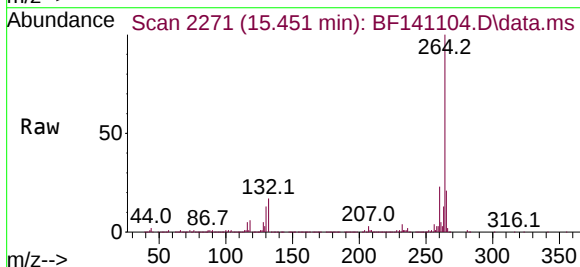
Instrument :
BNA_F
ClientSampleId :
PB165989BS

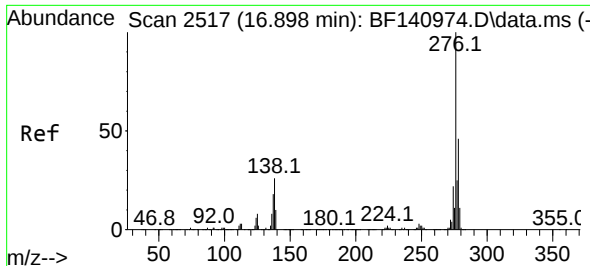
Tgt Ion:149 Resp: 1094043
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.1 9.3 13.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2271
Delta R.T. 0.006 min
Lab File: BF141104.D
Acq: 09 Jan 2025 15:01

Tgt Ion:264 Resp: 339499
Ion Ratio Lower Upper
264 100
260 23.3 18.7 28.1
265 21.5 17.4 26.2

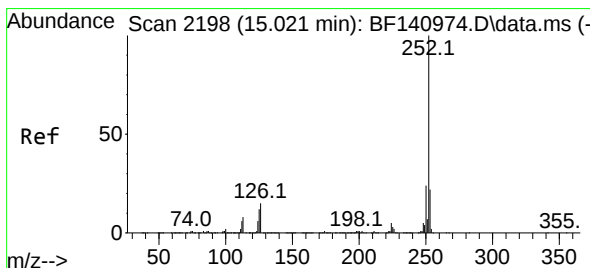
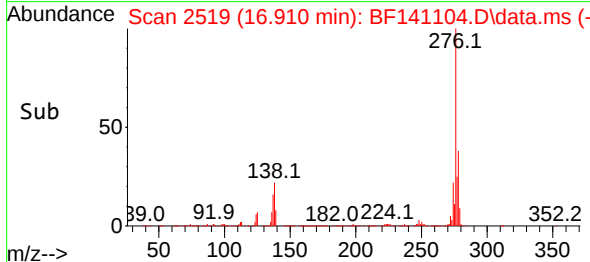
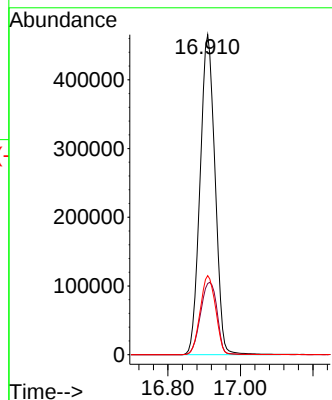
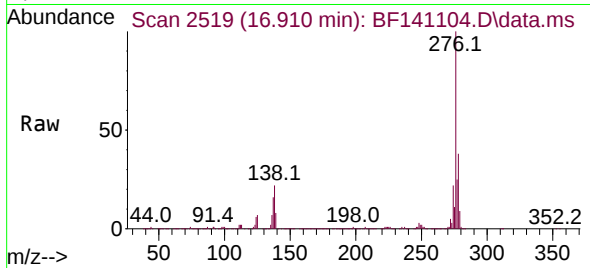




#87
Indeno(1,2,3-cd)pyrene
Concen: 62.298 ng
RT: 16.910 min Scan# 2199
Delta R.T. 0.012 min
Lab File: BF141104.D
Acq: 09 Jan 2025 15:01

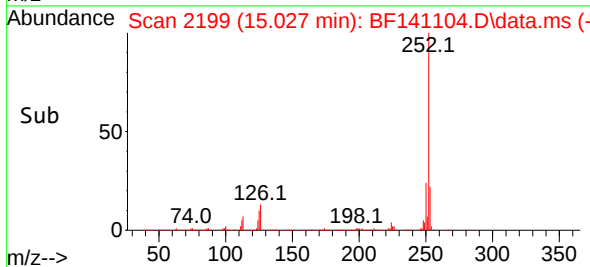
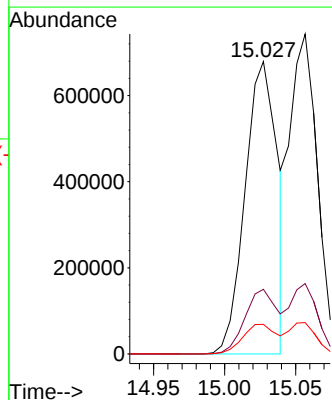
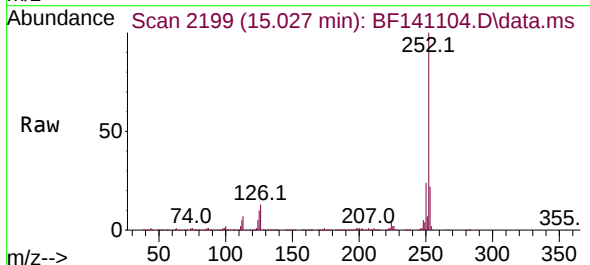
Instrument :
BNA_F
ClientSampleId :
PB165989BS

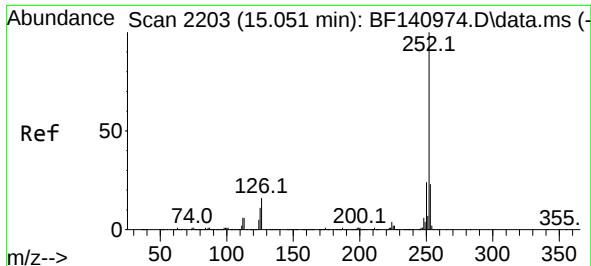
Tgt Ion:276 Resp: 1332502
Ion Ratio Lower Upper
276 100
138 24.9 23.1 34.7
277 25.6 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 45.068 ng
RT: 15.027 min Scan# 2199
Delta R.T. 0.006 min
Lab File: BF141104.D
Acq: 09 Jan 2025 15:01

Tgt Ion:252 Resp: 1067113
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 10.1 9.3 13.9

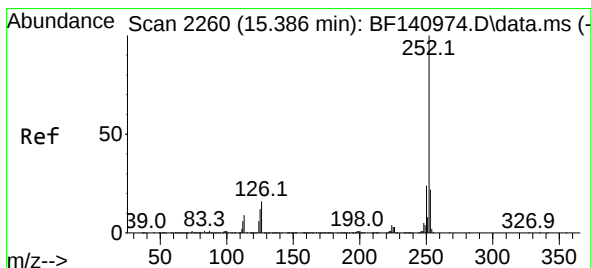
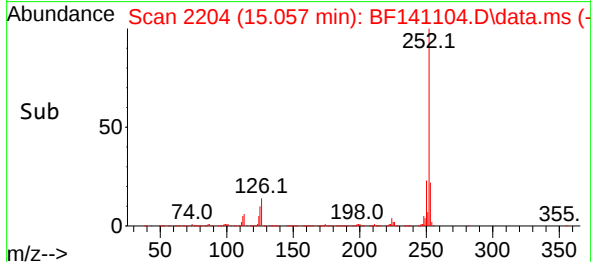
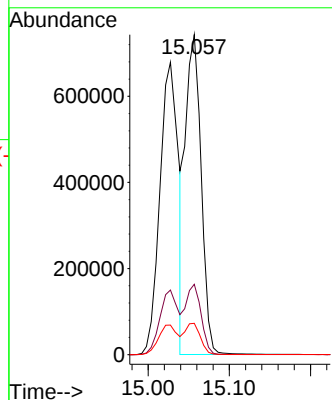
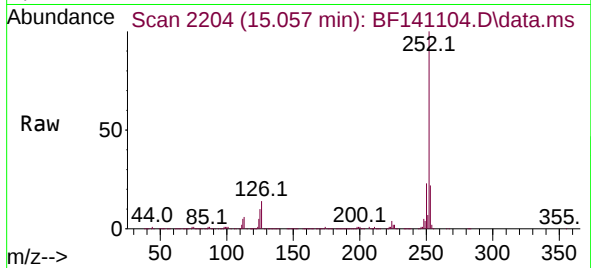




#89
Benzo(k)fluoranthene
Concen: 54.050 ng
RT: 15.057 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF141104.D
Acq: 09 Jan 2025 15:01

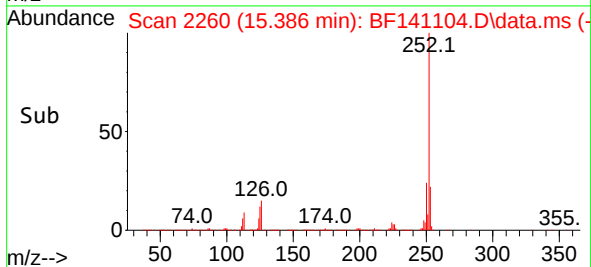
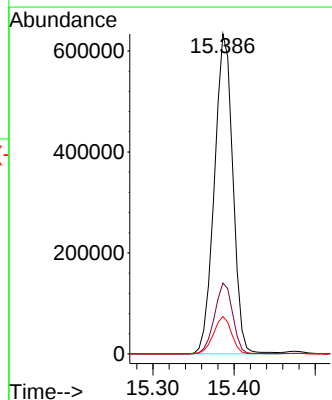
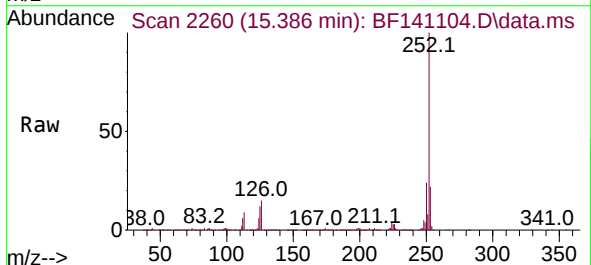
Instrument :
BNA_F
ClientSampleId :
PB165989BS

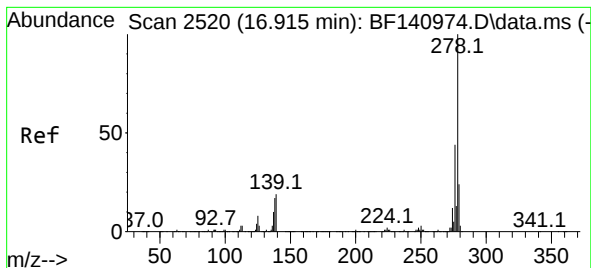
Tgt Ion:252 Resp: 1003068
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 9.8 9.4 14.0



#90
Benzo(a)pyrene
Concen: 54.586 ng
RT: 15.386 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BF141104.D
Acq: 09 Jan 2025 15:01

Tgt Ion:252 Resp: 1003201
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 11.7 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 61.140 ng

RT: 16.927 min Scan# 2522

Delta R.T. 0.012 min

Lab File: BF141104.D

Acq: 09 Jan 2025 15:01

Instrument :

BNA_F

ClientSampleId :

PB165989BS

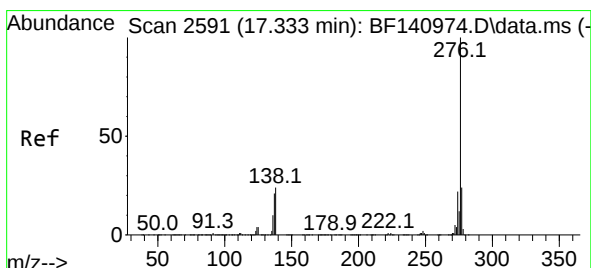
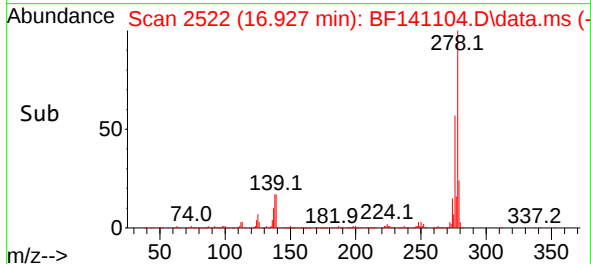
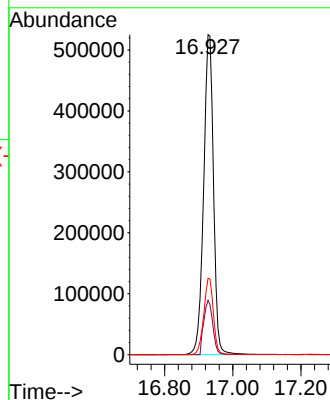
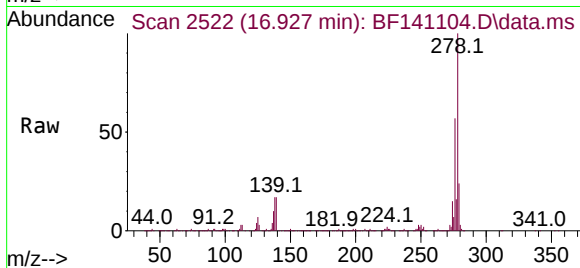
Tgt Ion:278 Resp: 1060071

Ion Ratio Lower Upper

278 100

139 17.0 14.9 22.3

279 23.9 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 55.720 ng

RT: 17.351 min Scan# 2594

Delta R.T. 0.018 min

Lab File: BF141104.D

Acq: 09 Jan 2025 15:01

Tgt Ion:276 Resp: 1002013

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.4

138 21.2 19.4 29.2

