

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010925\
 Data File : BF141105.D
 Acq On : 09 Jan 2025 15:28
 Operator : RC/JU
 Sample : PB165989BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165989BSD

Quant Time: Jan 09 16:02:39 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	160239	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	637237	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	346390	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	586656	20.000	ng	0.00
76) Chrysene-d12	13.986	240	364876	20.000	ng	0.00
86) Perylene-d12	15.445	264	361148	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1453746	136.755	ng	0.02
7) Phenol-d6	6.457	99	1826146	133.353	ng	0.00
23) Nitrobenzene-d5	7.392	82	1187573	119.231	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	609422	181.058	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	2169927	99.807	ng	0.00
79) Terphenyl-d14	12.933	244	2446158	111.355	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.652	88	195157	40.551	ng	97
3) Pyridine	3.393	79	515942	43.867	ng	98
4) n-Nitrosodimethylamine	3.340	42	281616	47.257	ng	97
6) Aniline	6.487	93	516390	42.281	ng	# 89
8) 2-Chlorophenol	6.610	128	585934	52.280	ng	96
9) Benzaldehyde	6.375	77	82256	5.058	ng	98
10) Phenol	6.469	94	705486	49.822	ng	91
11) bis(2-Chloroethyl)ether	6.563	93	536073	46.887	ng	97
12) 1,3-Dichlorobenzene	6.769	146	601583	48.637	ng	99
13) 1,4-Dichlorobenzene	6.845	146	610325	48.948	ng	100
14) 1,2-Dichlorobenzene	6.998	146	581568	50.025	ng	98
15) Benzyl Alcohol	6.969	79	511386	51.967	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	791788	45.793	ng	97
17) 2-Methylphenol	7.081	107	471915	50.683	ng	98
18) Hexachloroethane	7.340	117	226572	51.152	ng	99
19) n-Nitroso-di-n-propyla...	7.245	70	404180	48.177	ng	99
20) 3+4-Methylphenols	7.234	107	572272	48.568	ng	# 80
22) Acetophenone	7.240	105	759541	48.588	ng	98
24) Nitrobenzene	7.410	77	607865	54.617	ng	96
25) Isophorone	7.651	82	1101077	50.802	ng	99
26) 2-Nitrophenol	7.728	139	307091	65.195	ng	96
27) 2,4-Dimethylphenol	7.763	122	478961	60.466	ng	98
28) bis(2-Chloroethoxy)met...	7.857	93	672260	48.954	ng	99
29) 2,4-Dichlorophenol	7.963	162	483705	53.842	ng	99
30) 1,2,4-Trichlorobenzene	8.051	180	497961	48.972	ng	99
31) Naphthalene	8.134	128	1671218	49.771	ng	99
32) Benzoic acid	7.881	122	389430	57.859	ng	99
33) 4-Chloroaniline	8.175	127	189509	15.600	ng	99
34) Hexachlorobutadiene	8.245	225	309271	51.593	ng	99
35) Caprolactam	8.545	113	108081	35.389	ng	98
36) 4-Chloro-3-methylphenol	8.657	107	539059	54.030	ng	100
37) 2-Methylnaphthalene	8.822	142	1102207	51.310	ng	99
38) 1-Methylnaphthalene	8.922	142	1023264	48.469	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	494812	51.924	ng	99
41) Hexachlorocyclopentadiene	8.975	237	636482	201.545	ng	100
43) 2,4,6-Trichlorophenol	9.098	196	360971	56.913	ng	100

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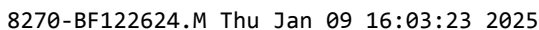
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 ClientSampleId :
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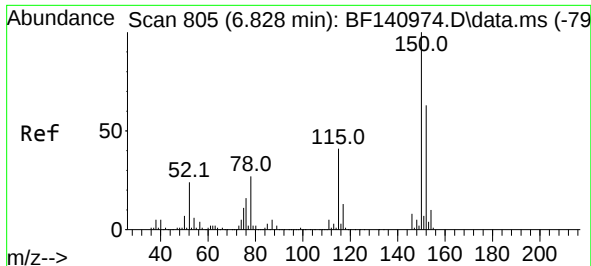
Quant Time: Jan 09 16:02:39 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	364834	56.219	ng	98
46) 1,1'-Biphenyl	9.286	154	1356576	51.147	ng	99
47) 2-Chloronaphthalene	9.310	162	1025626	49.859	ng	100
48) 2-Nitroaniline	9.404	65	331207	60.237	ng	93
49) Acenaphthylene	9.728	152	1602337	54.111	ng	99
50) Dimethylphthalate	9.586	163	1226887	53.848	ng	100
51) 2,6-Dinitrotoluene	9.645	165	277755	58.880	ng	97
52) Acenaphthene	9.898	154	1192755	59.581	ng	100
53) 3-Nitroaniline	9.810	138	151131	31.139	ng	# 93
54) 2,4-Dinitrophenol	9.922	184	307626	129.348	ng	# 1
55) Dibenzofuran	10.069	168	1450770	51.567	ng	99
56) 4-Nitrophenol	9.975	139	452031	115.982	ng	96
57) 2,4-Dinitrotoluene	10.051	165	372929	63.939	ng	96
58) Fluorene	10.410	166	1118449	51.266	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	315829	58.763	ng	99
60) Diethylphthalate	10.286	149	1200766	53.383	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	549083	52.306	ng	99
62) 4-Nitroaniline	10.428	138	280535	55.044	ng	97
63) Azobenzene	10.563	77	1188789	50.352	ng	98
65) 4,6-Dinitro-2-methylph...	10.457	198	210417	81.791	ng	92
66) n-Nitrosodiphenylamine	10.522	169	1017307	55.068	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	362270	57.124	ng	99
68) Hexachlorobenzene	10.957	284	392819	56.174	ng	100
69) Atrazine	11.051	200	352558	68.313	ng	99
70) Pentachlorophenol	11.151	266	498043	114.392	ng	100
71) Phenanthrene	11.375	178	1679735	54.402	ng	100
72) Anthracene	11.428	178	1719491	56.833	ng	99
73) Carbazole	11.575	167	1492168	51.304	ng	100
74) Di-n-butylphthalate	11.910	149	1804806	54.557	ng	100
75) Fluoranthene	12.563	202	1691535	50.513	ng	97
77) Benzidine	12.680	184	403648	52.345	ng	100
78) Pyrene	12.786	202	1699618	53.261	ng	100
80) Butylbenzylphthalate	13.410	149	666986	57.240	ng	99
81) Benzo(a)anthracene	13.974	228	1237351	48.658	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	245991	32.197	ng	98
83) Chrysene	14.016	228	1201520	52.413	ng	100
84) Bis(2-ethylhexyl)phtha...	13.969	149	762421	50.442	ng	100
85) Di-n-octyl phthalate	14.586	149	1205344	55.098	ng	97
87) Indeno(1,2,3-cd)pyrene	16.904	276	1394516	61.289	ng	96
88) Benzo(b)fluoranthene	15.021	252	1241781	49.301	ng	99
89) Benzo(k)fluoranthene	15.051	252	1038776	52.619	ng	98
90) Benzo(a)pyrene	15.386	252	1104290	56.485	ng	98
91) Dibenzo(a,h)anthracene	16.927	278	1124080	60.946	ng	97
92) Benzo(g,h,i)perylene	17.345	276	1048391	54.804	ng	97

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

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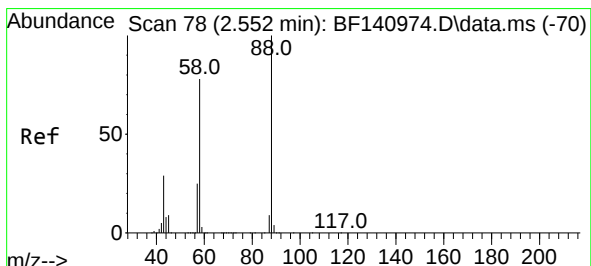
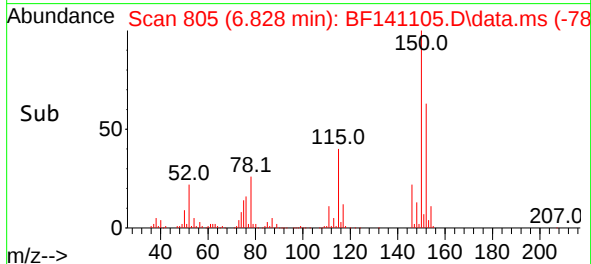
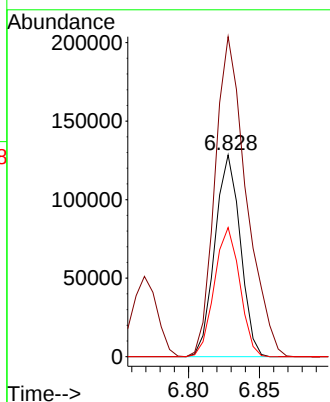
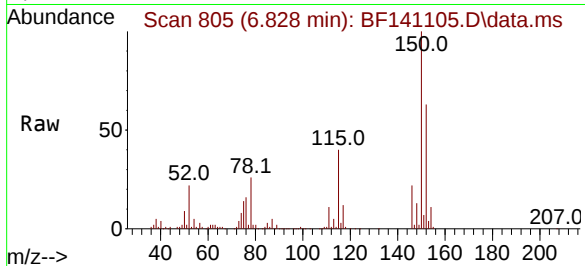




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF141105.D
 Acq: 09 Jan 2025 15:28

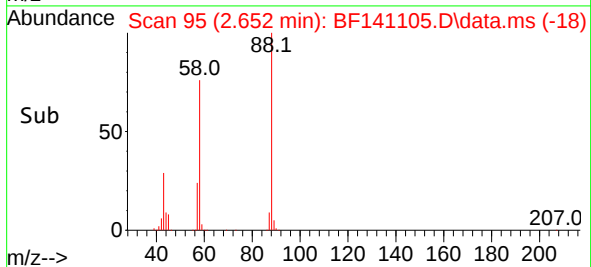
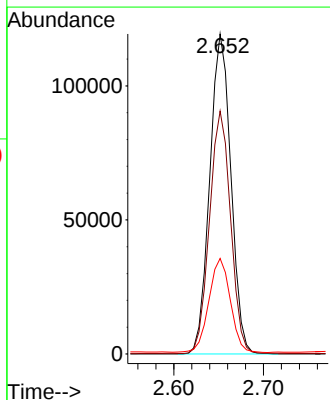
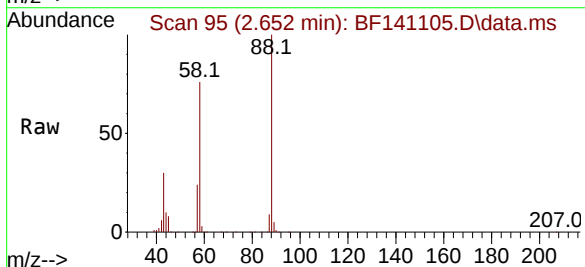
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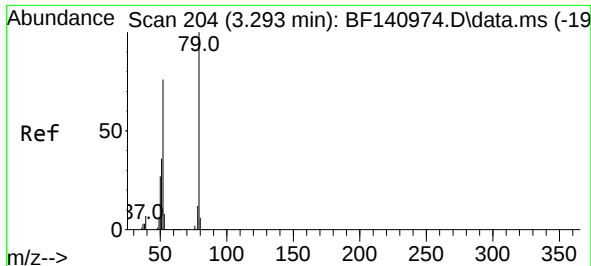
Tgt Ion:152 Resp: 160239
 Ion Ratio Lower Upper
 152 100
 150 158.6 127.0 190.6
 115 64.0 51.7 77.5



#2
 1,4-Dioxane
 Concen: 40.551 ng
 RT: 2.652 min Scan# 95
 Delta R.T. 0.100 min
 Lab File: BF141105.D
 Acq: 09 Jan 2025 15:28

Tgt Ion: 88 Resp: 195157
 Ion Ratio Lower Upper
 88 100
 58 75.4 63.0 94.4
 43 29.9 23.4 35.2

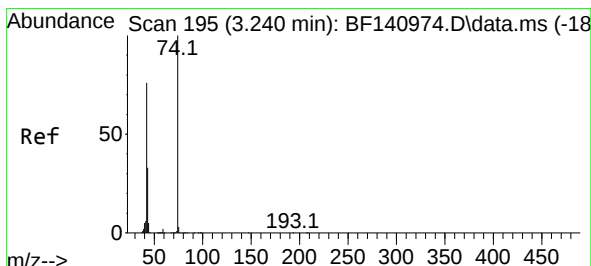
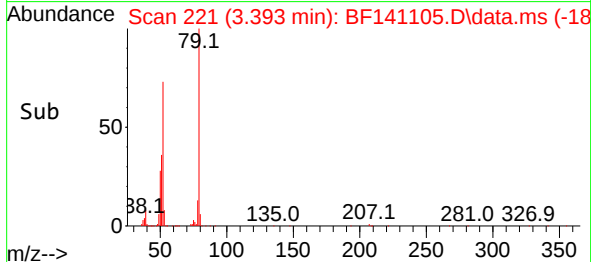
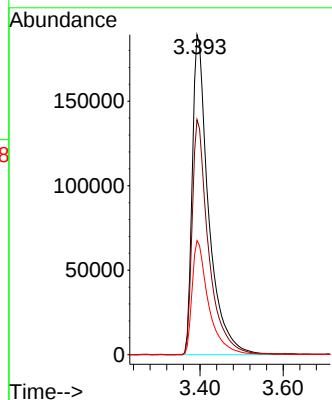
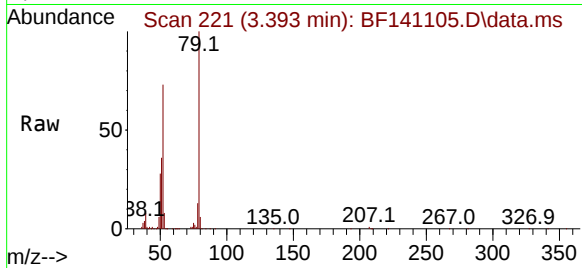




#3
Pyridine
Concen: 43.867 ng
RT: 3.393 min Scan# 211
Delta R.T. 0.100 min
Lab File: BF141105.D
Acq: 09 Jan 2025 15:28

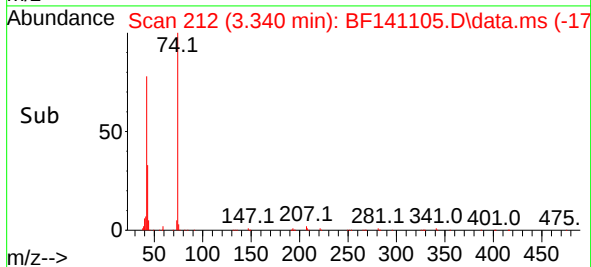
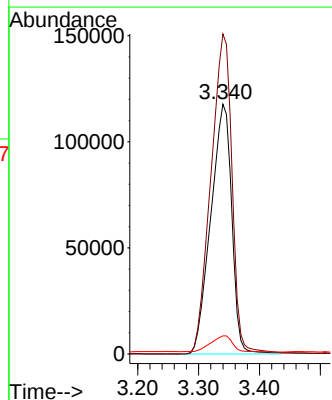
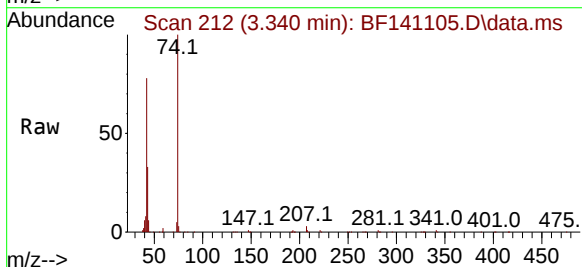
Instrument :
BNA_F
ClientSampleId :
PB165989BSD

Tgt Ion: 79 Resp: 515942
Ion Ratio Lower Upper
79 100
52 73.4 60.4 90.6
51 35.7 28.8 43.2



#4
n-Nitrosodimethylamine
Concen: 47.257 ng
RT: 3.340 min Scan# 212
Delta R.T. 0.100 min
Lab File: BF141105.D
Acq: 09 Jan 2025 15:28

Tgt Ion: 42 Resp: 281616
Ion Ratio Lower Upper
42 100
74 128.2 105.8 158.6
44 7.3 6.6 10.0

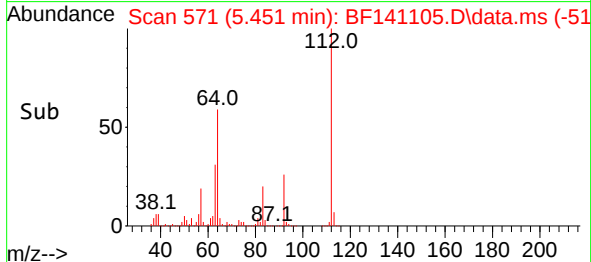
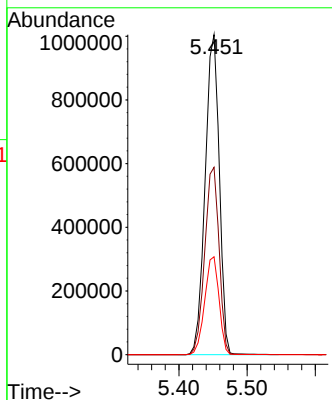
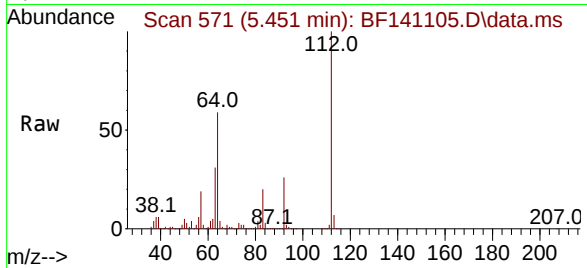




#5
2-Fluorophenol
Concen: 136.755 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF141105.D
Acq: 09 Jan 2025 15:28

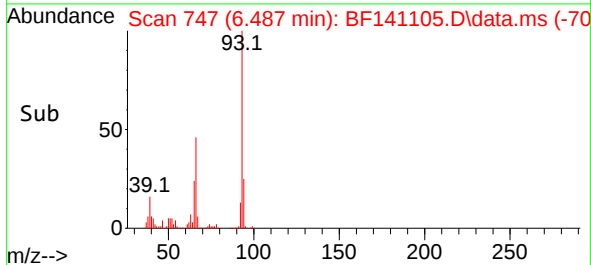
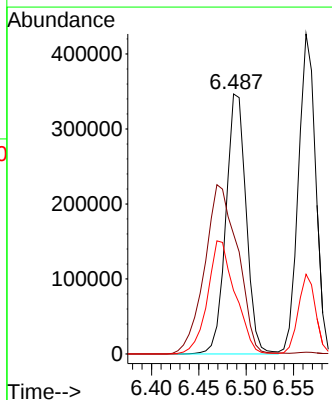
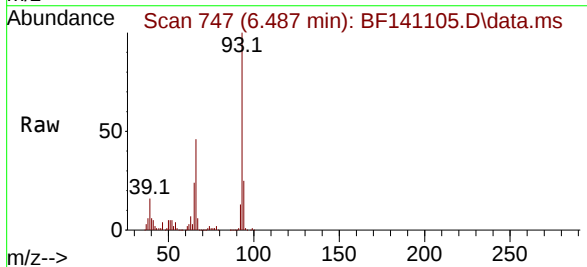
Instrument :
BNA_F
ClientSampleId :
PB165989BSD

Tgt Ion:112 Resp: 1453746
Ion Ratio Lower Upper
112 100
64 58.6 47.7 71.5
63 30.6 24.2 36.2



#6
Aniline
Concen: 42.281 ng
RT: 6.487 min Scan# 747
Delta R.T. -0.023 min
Lab File: BF141105.D
Acq: 09 Jan 2025 15:28

Tgt Ion: 93 Resp: 516390
Ion Ratio Lower Upper
93 100
66 46.1 31.8 47.8
65 24.4 15.4 23.0#

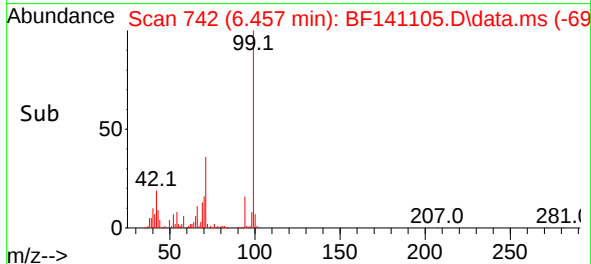
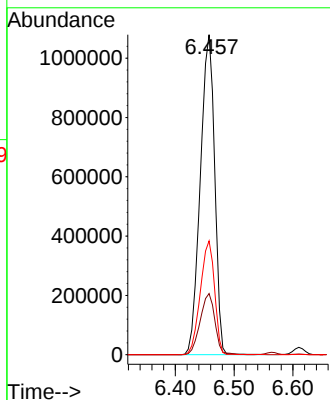
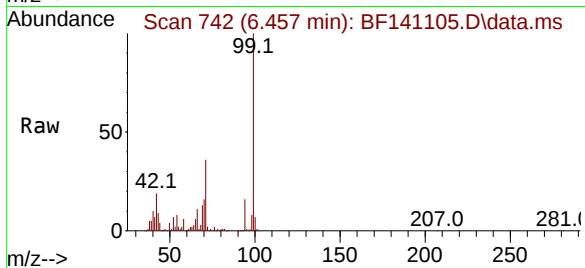




#7
Phenol-d6
Concen: 133.353 ng
RT: 6.457 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF141105.D
Acq: 09 Jan 2025 15:28

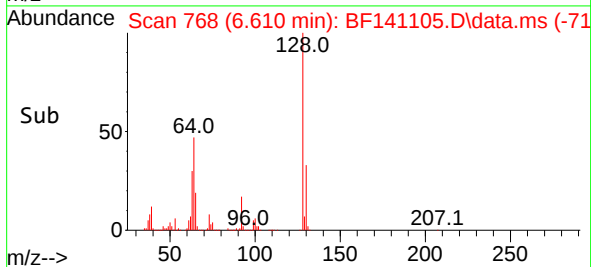
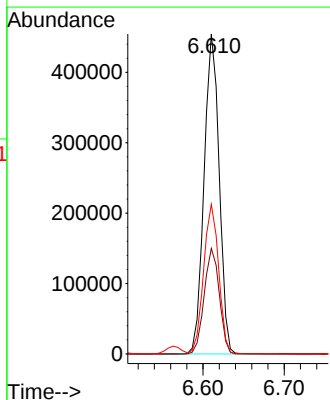
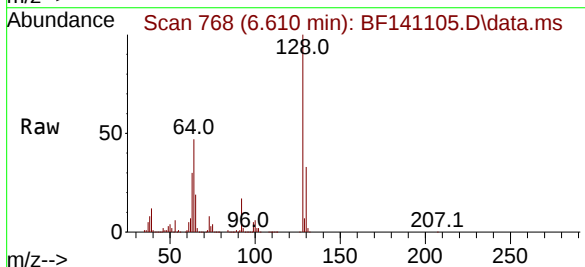
Instrument :
BNA_F
ClientSampleId :
PB165989BSD

Tgt Ion: 99 Resp: 1826146
Ion Ratio Lower Upper
99 100
42 19.1 15.0 22.4
71 35.5 26.2 39.2



#8
2-Chlorophenol
Concen: 52.280 ng
RT: 6.610 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF141105.D
Acq: 09 Jan 2025 15:28

Tgt Ion: 128 Resp: 585934
Ion Ratio Lower Upper
128 100
130 33.0 12.2 52.2
64 46.8 30.3 70.3

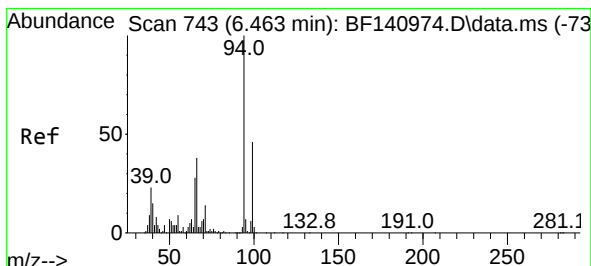
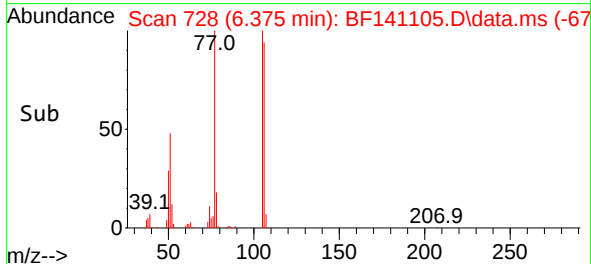
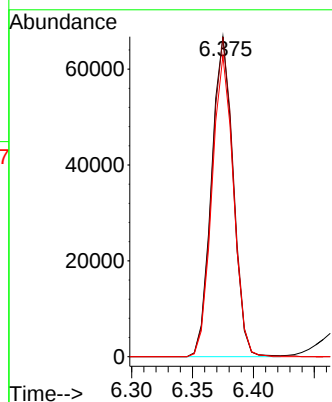
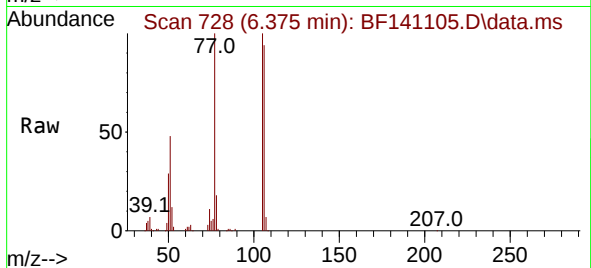




#9
Benzaldehyde
Concen: 5.058 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141105.D
Acq: 09 Jan 2025 15:28

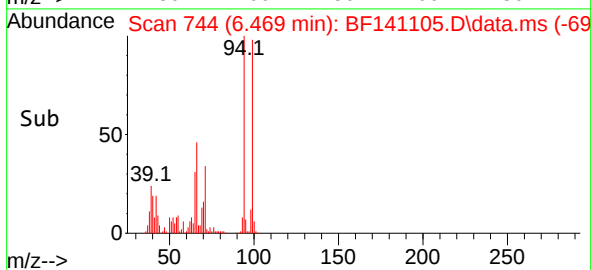
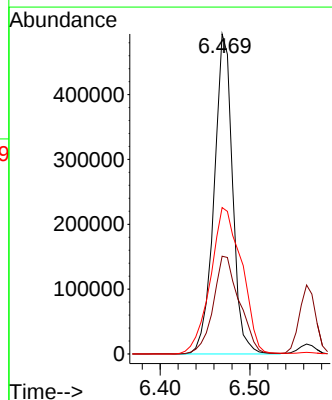
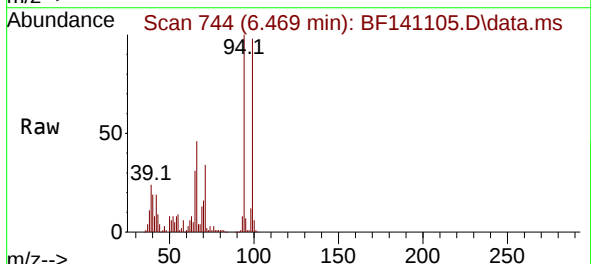
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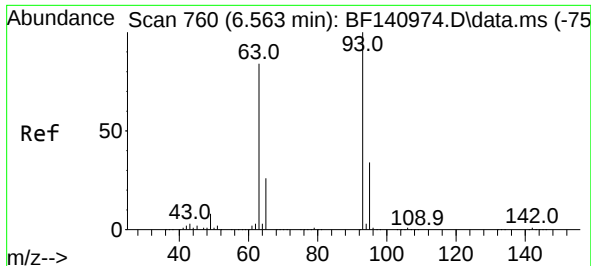
Tgt Ion: 77 Resp: 82256
Ion Ratio Lower Upper
77 100
105 99.9 76.2 116.2
106 94.1 73.4 113.4



#10
Phenol
Concen: 49.822 ng
RT: 6.469 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF141105.D
Acq: 09 Jan 2025 15:28

Tgt Ion: 94 Resp: 705486
Ion Ratio Lower Upper
94 100
65 30.6 8.1 48.1
66 45.7 18.7 58.7

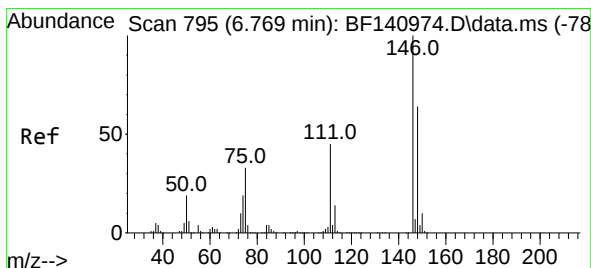
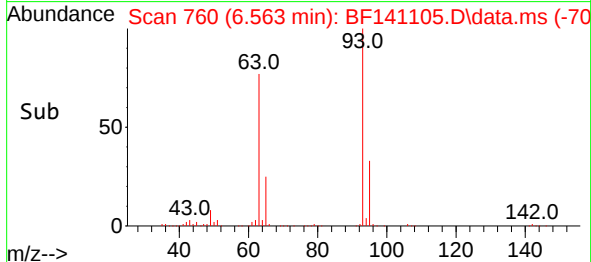
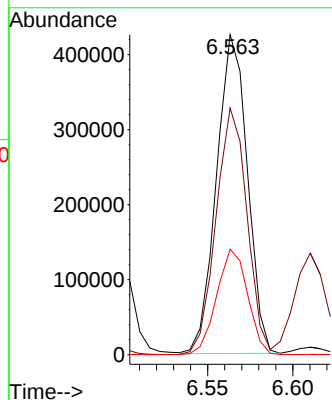
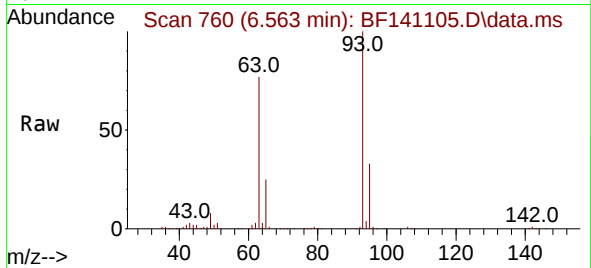




#11
bis(2-Chloroethyl)ether
Concen: 46.887 ng
RT: 6.563 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF141105.D
Acq: 09 Jan 2025 15:28

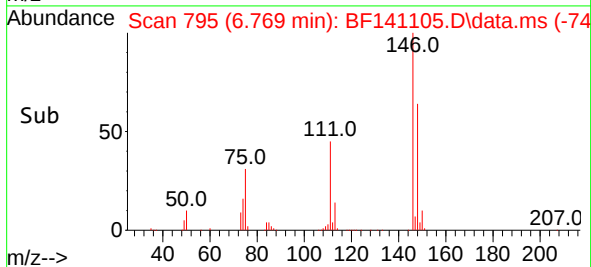
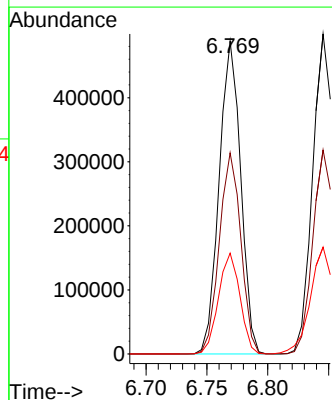
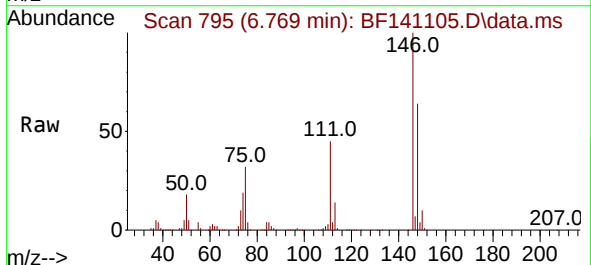
Instrument :
BNA_F
ClientSampleId :
PB165989BSD

Tgt Ion: 93 Resp: 536073
Ion Ratio Lower Upper
93 100
63 77.1 60.3 100.3
95 33.0 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 48.637 ng
RT: 6.769 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF141105.D
Acq: 09 Jan 2025 15:28

Tgt Ion:146 Resp: 601583
Ion Ratio Lower Upper
146 100
148 64.3 51.0 76.4
75 32.2 26.1 39.1

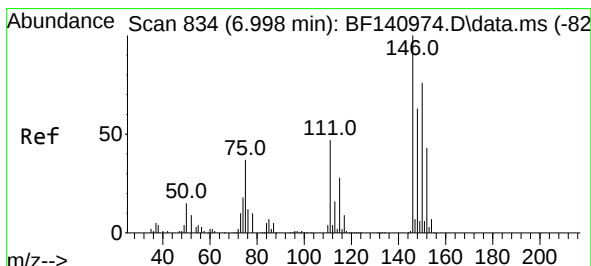
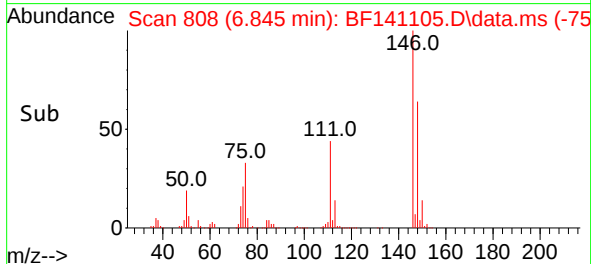
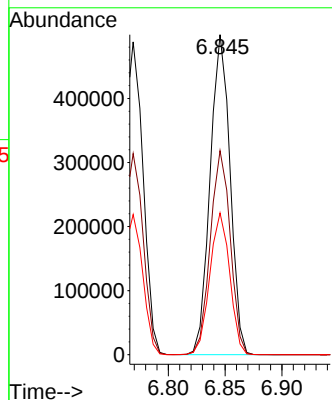
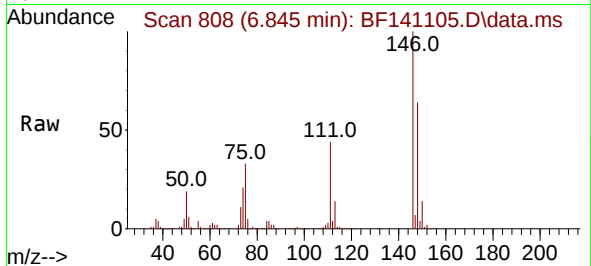




#13
1,4-Dichlorobenzene
Concen: 48.948 ng
RT: 6.845 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF141105.D
Acq: 09 Jan 2025 15:28

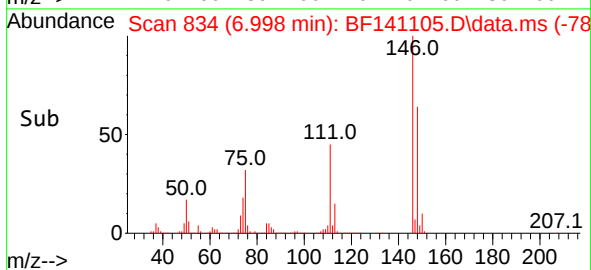
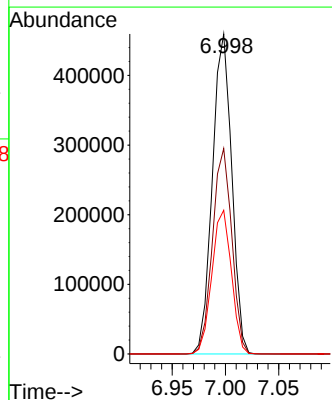
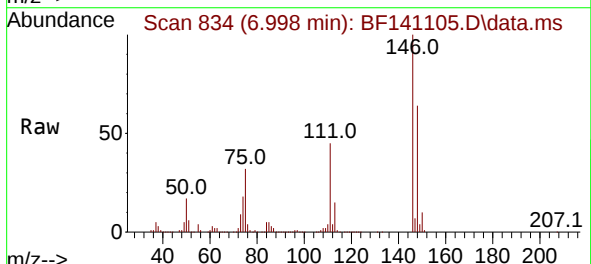
Instrument :
BNA_F
ClientSampleId :
PB165989BSD

Tgt Ion:146 Resp: 610325
Ion Ratio Lower Upper
146 100
148 63.8 51.3 76.9
111 44.3 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 50.025 ng
RT: 6.998 min Scan# 834
Delta R.T. 0.000 min
Lab File: BF141105.D
Acq: 09 Jan 2025 15:28

Tgt Ion:146 Resp: 581568
Ion Ratio Lower Upper
146 100
148 64.2 50.6 76.0
111 44.9 37.3 55.9

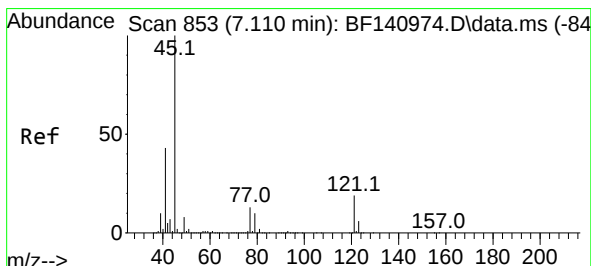
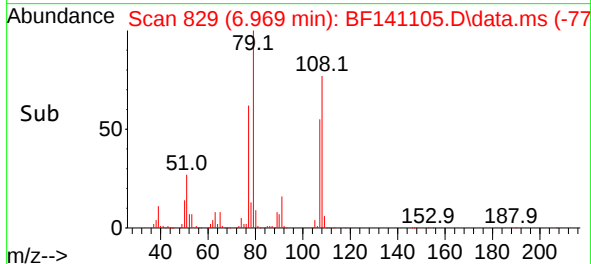
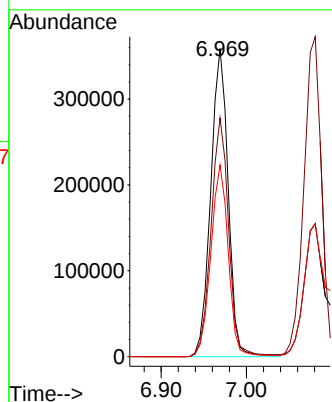
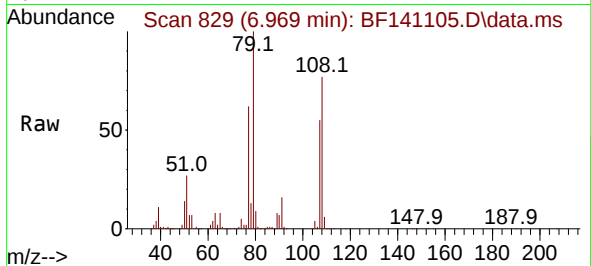




#15
Benzyl Alcohol
Concen: 51.967 ng
RT: 6.969 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF141105.D
Acq: 09 Jan 2025 15:28

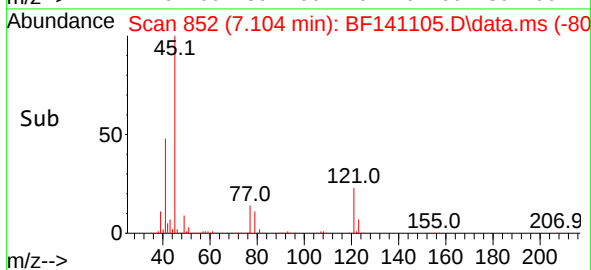
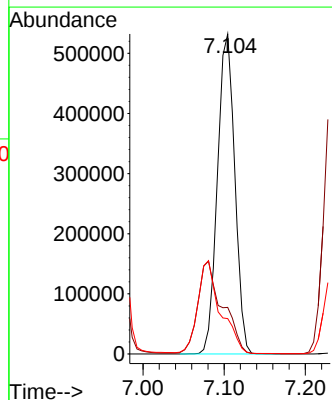
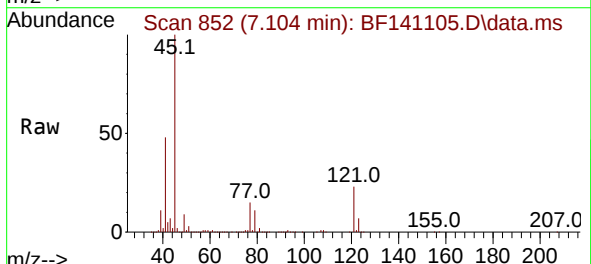
Instrument :
BNA_F
ClientSampleId :
PB165989BSD

Tgt Ion: 79 Resp: 511386
Ion Ratio Lower Upper
79 100
108 77.5 62.5 93.7
77 62.2 49.3 73.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.793 ng
RT: 7.104 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF141105.D
Acq: 09 Jan 2025 15:28

Tgt Ion: 45 Resp: 791788
Ion Ratio Lower Upper
45 100
77 14.6 0.0 33.1
79 11.1 0.0 30.1





#17

2-Methylphenol

Concen: 50.683 ng

RT: 7.081 min Scan# 847

Delta R.T. 0.006 min

Lab File: BF141105.D

Acq: 09 Jan 2025 15:28

Instrument :

BNA_F

ClientSampleId :

PB165989BSD

Tgt Ion:107 Resp: 471915

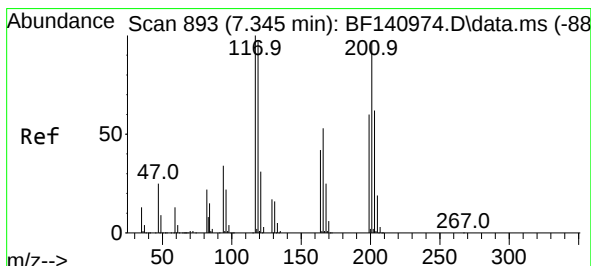
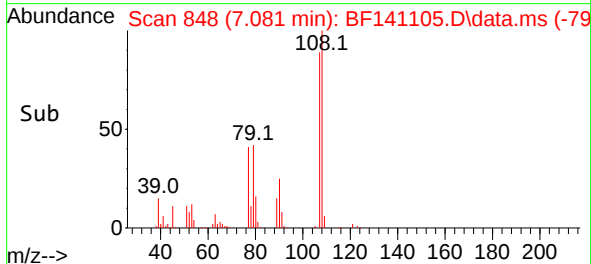
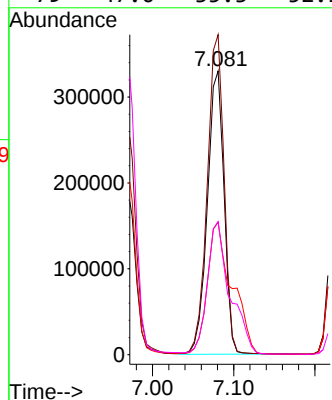
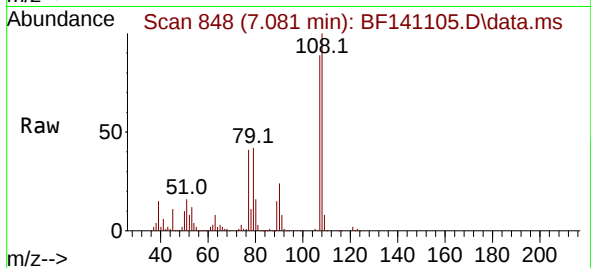
Ion Ratio Lower Upper

107 100

108 112.8 90.6 136.0

77 46.7 35.3 52.9

79 47.0 35.3 52.9



#18

Hexachloroethane

Concen: 51.152 ng

RT: 7.340 min Scan# 892

Delta R.T. -0.006 min

Lab File: BF141105.D

Acq: 09 Jan 2025 15:28

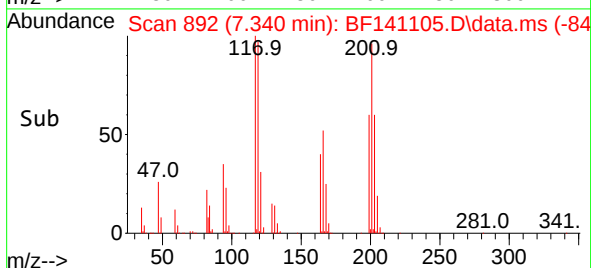
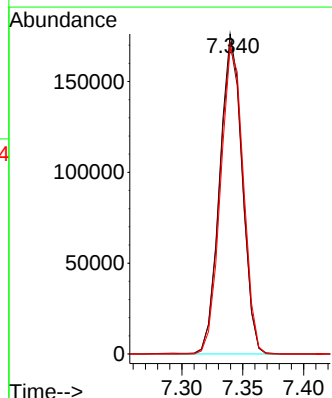
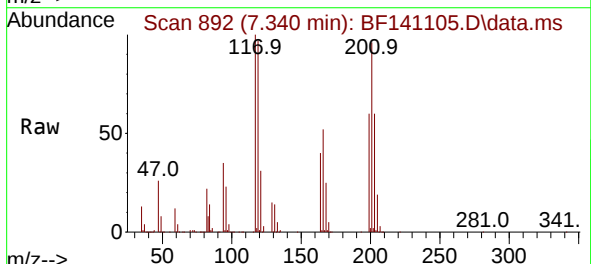
Tgt Ion:117 Resp: 226572

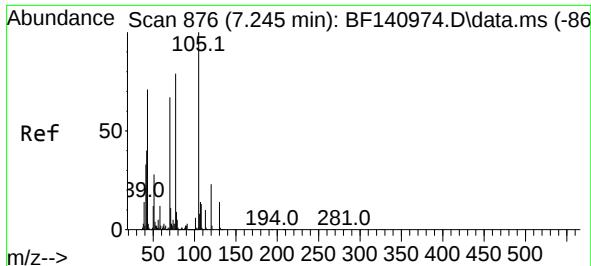
Ion Ratio Lower Upper

117 100

119 97.3 77.5 116.3

201 95.8 77.4 116.2

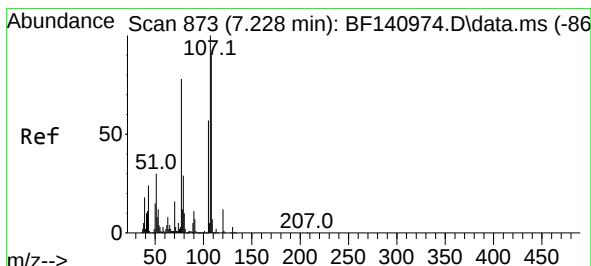
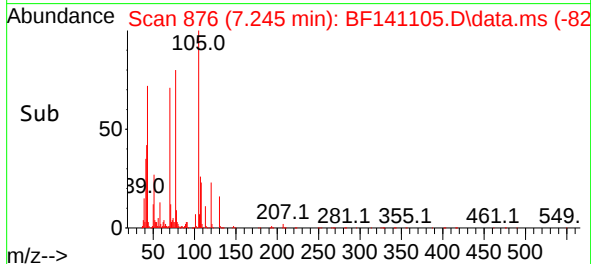
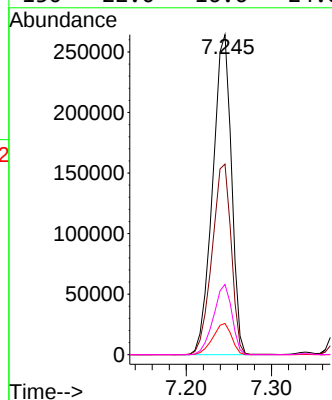
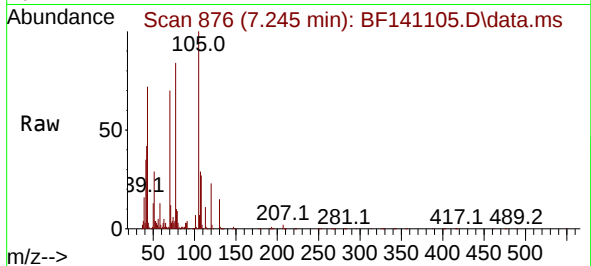




#19
n-Nitroso-di-n-propylamine
Concen: 48.177 ng
RT: 7.245 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF141105.D
Acq: 09 Jan 2025 15:28

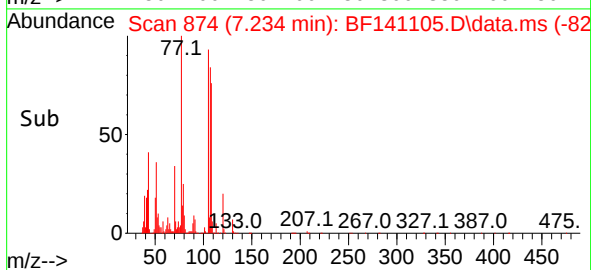
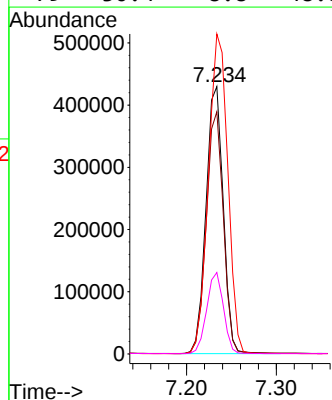
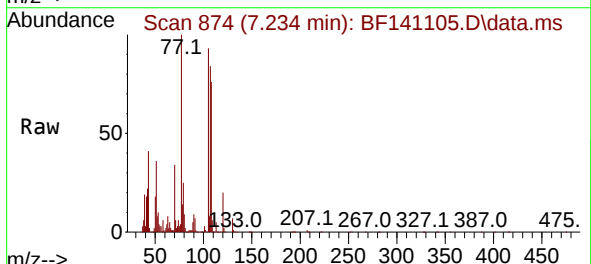
Instrument :
BNA_F
ClientSampleId :
PB165989BSD

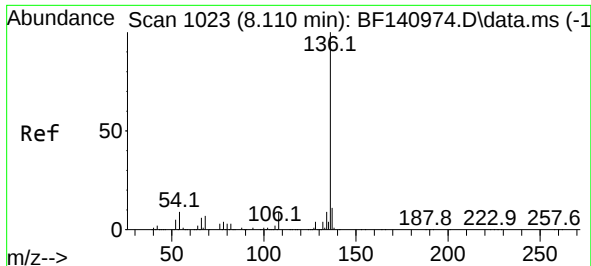
Tgt Ion:	70	Resp:	404180
Ion	Ratio	Lower	Upper
70	100		
42	59.6	48.1	72.1
101	9.7	7.6	11.4
130	22.0	16.6	24.8



#20
3+4-Methylphenols
Concen: 48.568 ng
RT: 7.234 min Scan# 874
Delta R.T. 0.006 min
Lab File: BF141105.D
Acq: 09 Jan 2025 15:28

Tgt Ion:	107	Resp:	572272
Ion	Ratio	Lower	Upper
107	100		
108	90.6	69.6	109.6
77	119.7	57.6	97.6#
79	30.4	8.8	48.8



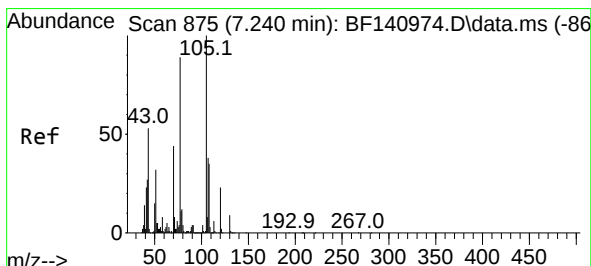
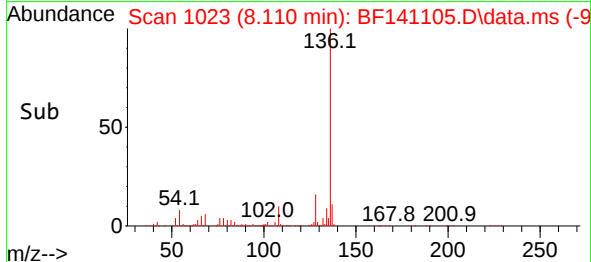
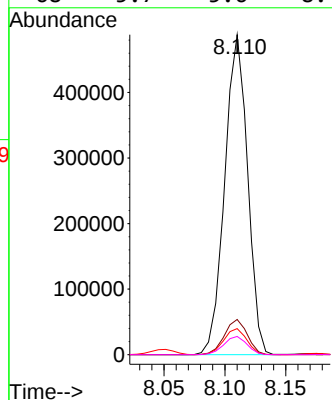
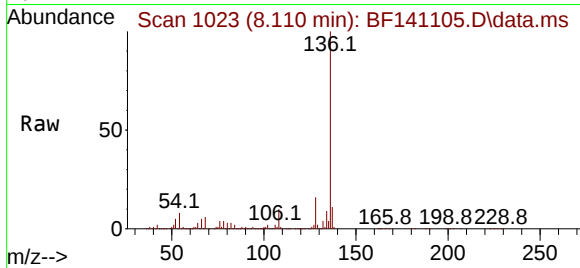


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF141105.D
Acq: 09 Jan 2025 15:28

Instrument :
BNA_F
ClientSampleId :
PB165989BSD

Tgt Ion:136 Resp: 637237

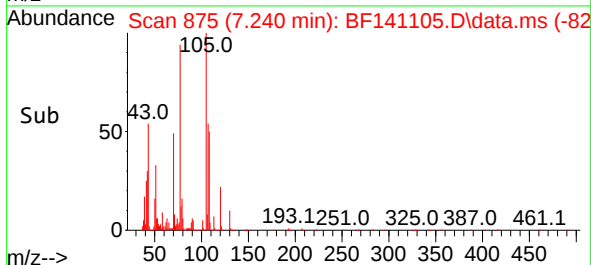
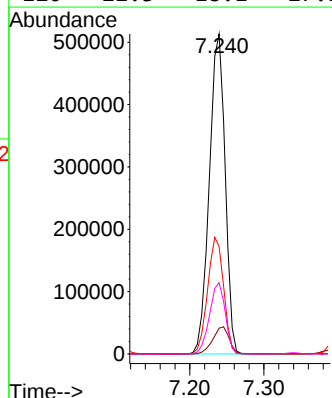
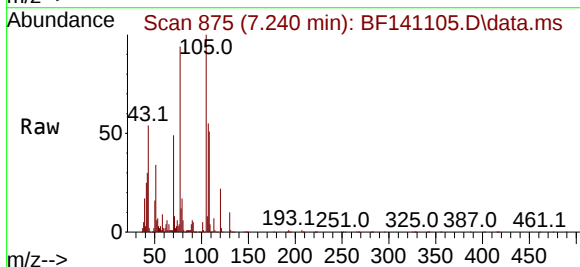
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	8.2	7.6	11.4
68	5.7	5.6	8.4

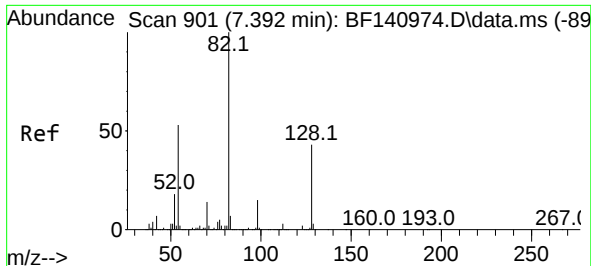


#22
Acetophenone
Concen: 48.588 ng
RT: 7.240 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF141105.D
Acq: 09 Jan 2025 15:28

Tgt Ion:105 Resp: 759541

Ion	Ratio	Lower	Upper
105	100		
71	8.1	6.1	9.1
51	33.6	25.8	38.6
120	22.3	18.1	27.1





#23

Nitrobenzene-d5

Concen: 119.231 ng

RT: 7.392 min Scan# 901

Delta R.T. 0.000 min

Lab File: BF141105.D

Acq: 09 Jan 2025 15:28

Instrument :

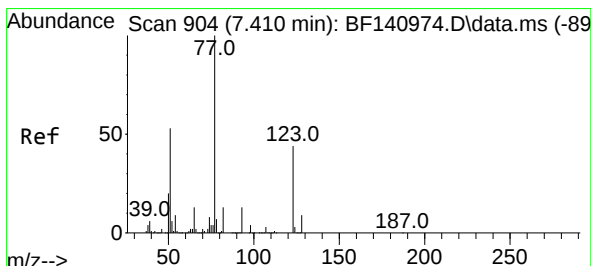
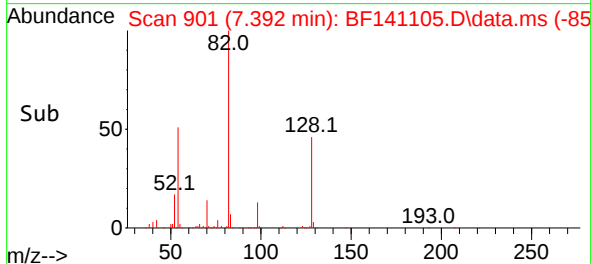
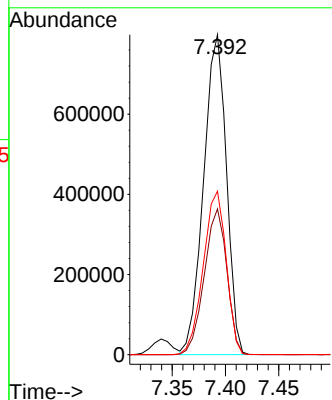
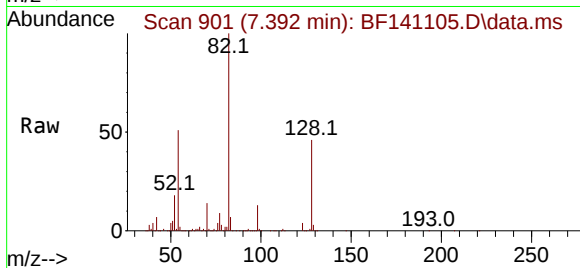
BNA_F

ClientSampleId :

PB165989BSD

Tgt Ion: 82 Resp: 1187573

Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.4	51.6
54	51.1	42.4	63.6



#24

Nitrobenzene

Concen: 54.617 ng

RT: 7.410 min Scan# 904

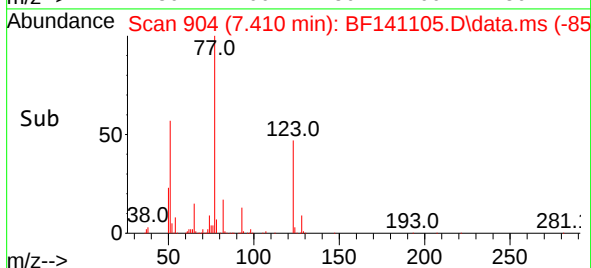
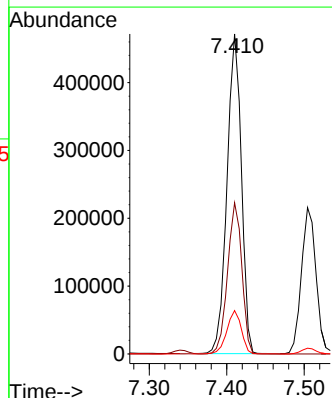
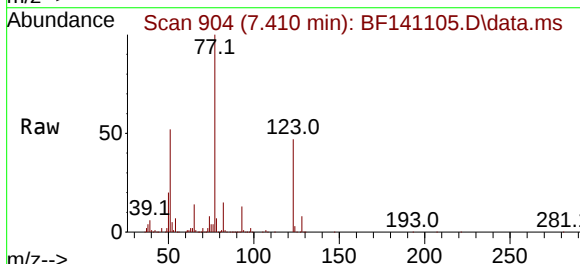
Delta R.T. 0.000 min

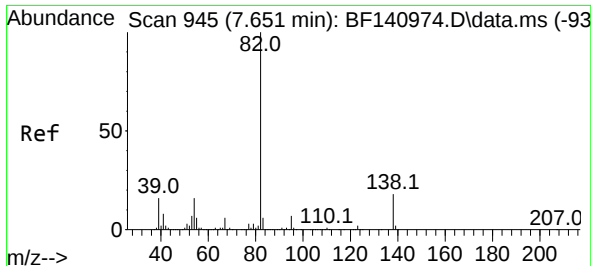
Lab File: BF141105.D

Acq: 09 Jan 2025 15:28

Tgt Ion: 77 Resp: 607865

Ion	Ratio	Lower	Upper
77	100		
123	47.2	35.4	53.2
65	13.5	10.7	16.1

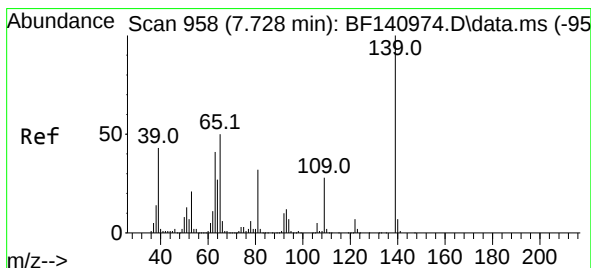
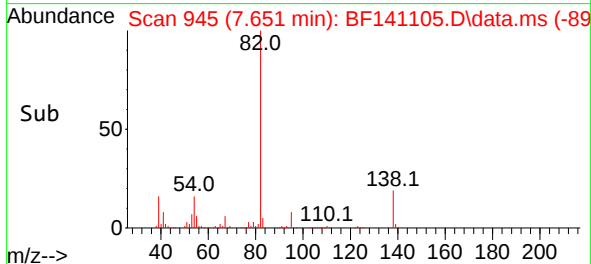
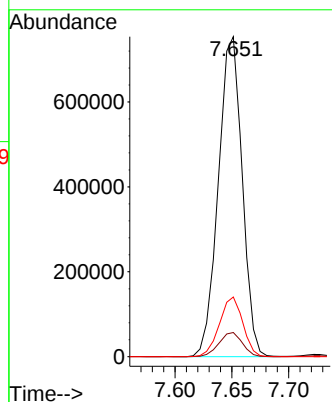
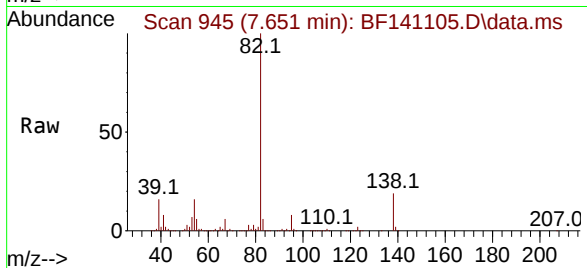




#25
Isophorone
Concen: 50.802 ng
RT: 7.651 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF141105.D
Acq: 09 Jan 2025 15:28

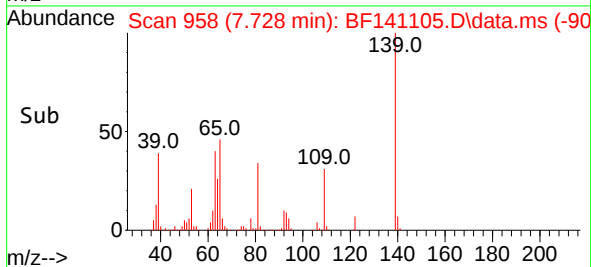
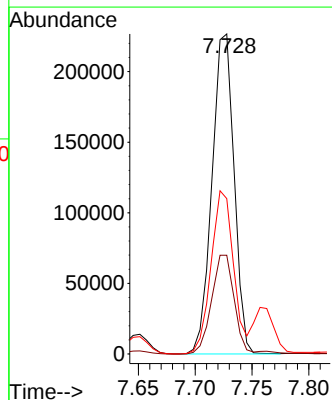
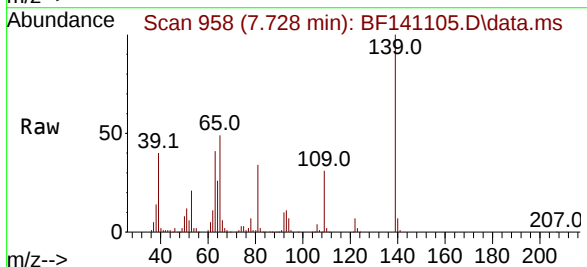
Instrument :
BNA_F
ClientSampleId :
PB165989BSD

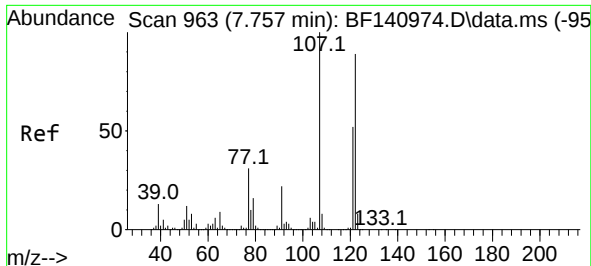
Tgt Ion: 82 Resp: 1101077
Ion Ratio Lower Upper
82 100
95 7.6 5.6 8.4
138 18.6 14.6 21.8



#26
2-Nitrophenol
Concen: 65.195 ng
RT: 7.728 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF141105.D
Acq: 09 Jan 2025 15:28

Tgt Ion:139 Resp: 307091
Ion Ratio Lower Upper
139 100
109 30.8 22.2 33.4
65 48.5 40.2 60.4





#27

2,4-Dimethylphenol

Concen: 60.466 ng

RT: 7.763 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF141105.D

Acq: 09 Jan 2025 15:28

Instrument :

BNA_F

ClientSampleId :

PB165989BSD

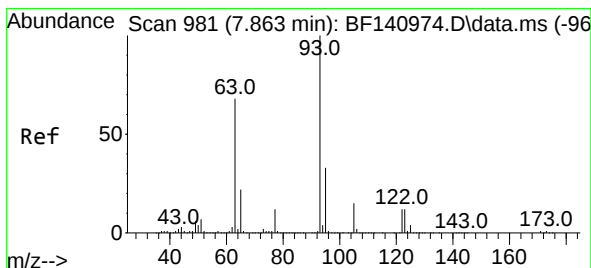
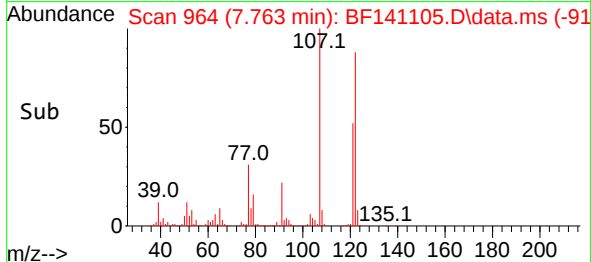
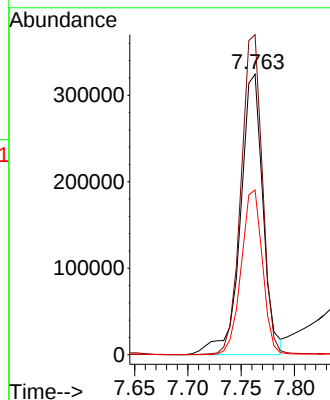
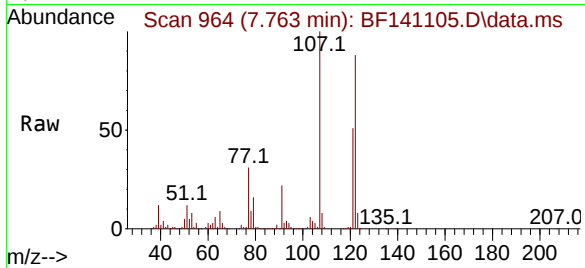
Tgt Ion:122 Resp: 478961

Ion Ratio Lower Upper

122 100

107 114.1 89.4 134.2

121 58.7 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 48.954 ng

RT: 7.857 min Scan# 980

Delta R.T. -0.006 min

Lab File: BF141105.D

Acq: 09 Jan 2025 15:28

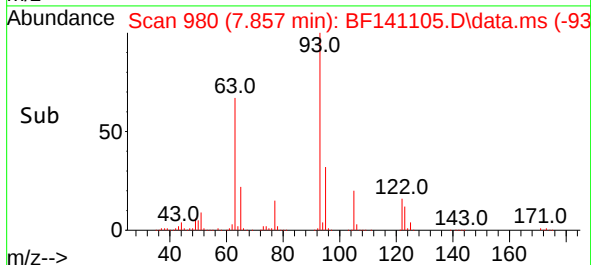
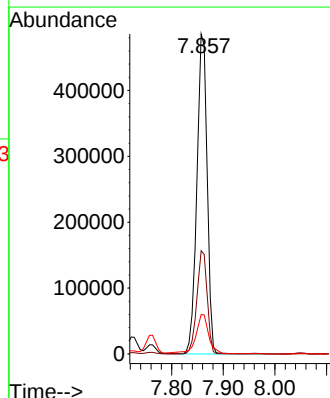
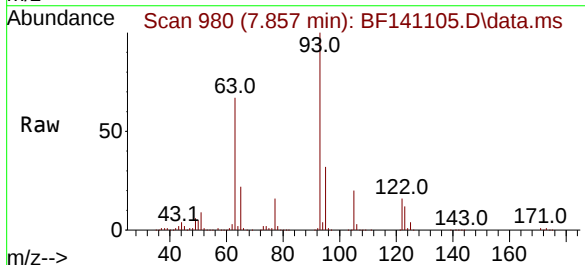
Tgt Ion: 93 Resp: 672260

Ion Ratio Lower Upper

93 100

95 32.3 26.2 39.4

123 12.3 9.9 14.9

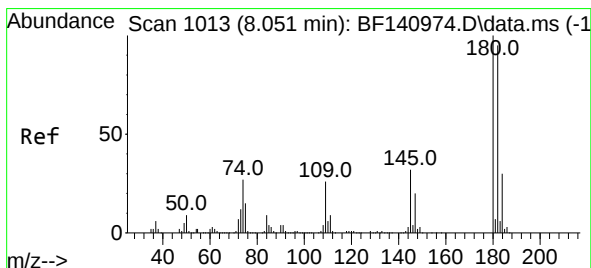
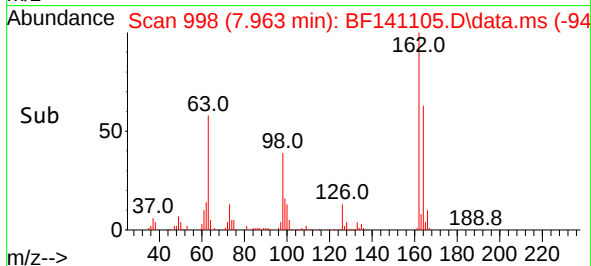
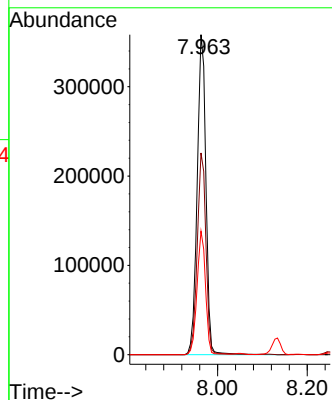
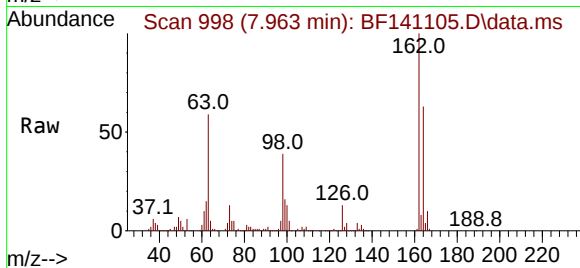




#29
2,4-Dichlorophenol
Concen: 53.842 ng
RT: 7.963 min Scan# 998
Delta R.T. 0.000 min
Lab File: BF141105.D
Acq: 09 Jan 2025 15:28

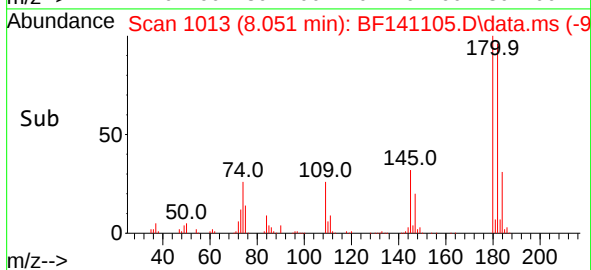
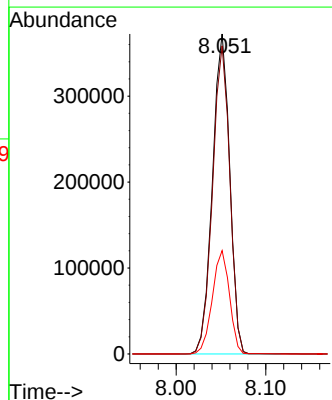
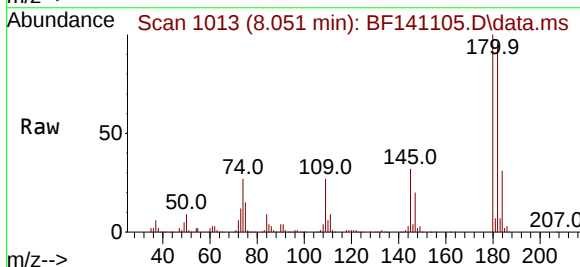
Instrument :
BNA_F
ClientSampleId :
PB165989BSD

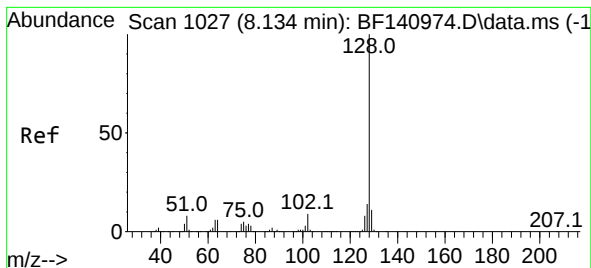
Tgt Ion:162 Resp: 483705
Ion Ratio Lower Upper
162 100
164 63.1 44.8 84.8
98 38.6 18.6 58.6



#30
1,2,4-Trichlorobenzene
Concen: 48.972 ng
RT: 8.051 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF141105.D
Acq: 09 Jan 2025 15:28

Tgt Ion:180 Resp: 497961
Ion Ratio Lower Upper
180 100
182 96.3 76.2 114.4
145 32.3 25.4 38.2

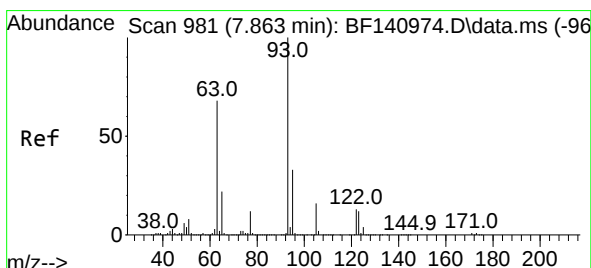
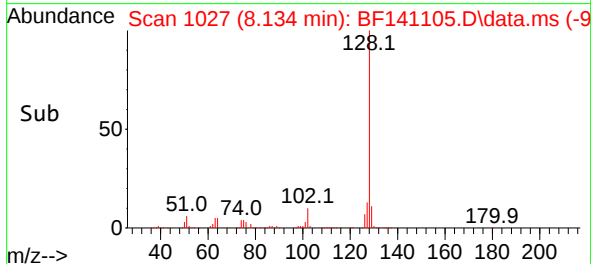
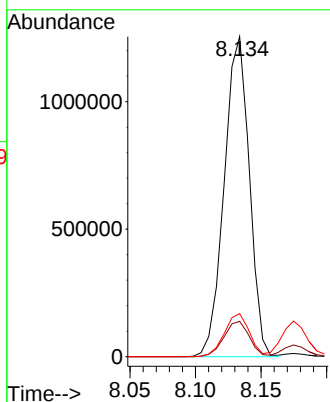
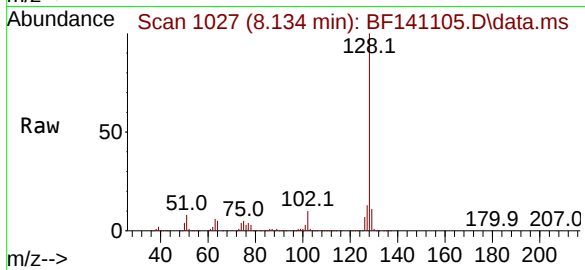




#31
Naphthalene
Concen: 49.771 ng
RT: 8.134 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF141105.D
Acq: 09 Jan 2025 15:28

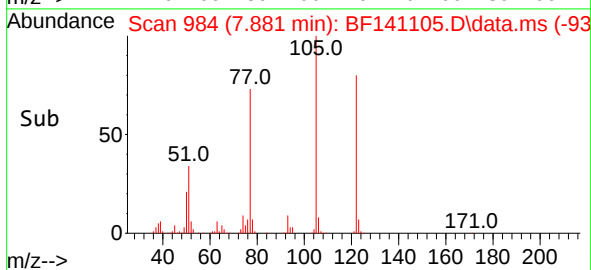
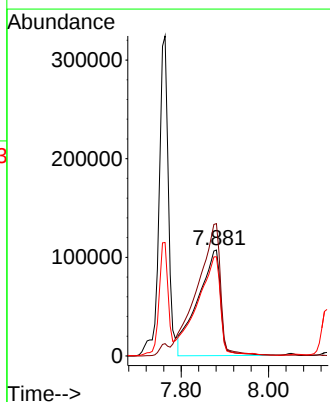
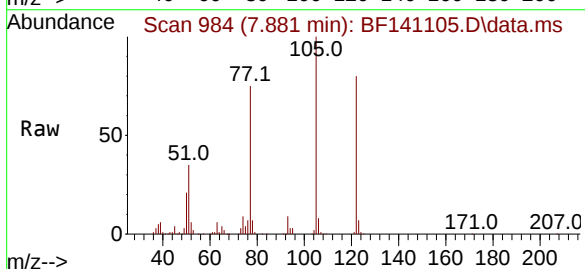
Instrument :
BNA_F
ClientSampleId :
PB165989BSD

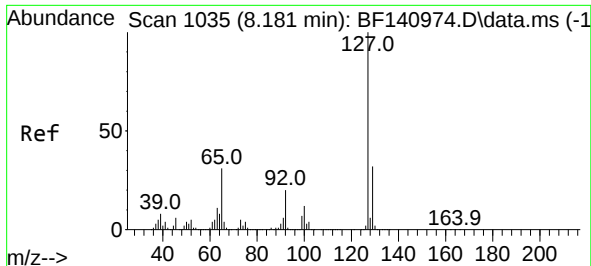
Tgt Ion:128 Resp: 1671218
Ion Ratio Lower Upper
128 100
129 11.1 9.2 13.8
127 13.4 11.0 16.4



#32
Benzoic acid
Concen: 57.859 ng
RT: 7.881 min Scan# 984
Delta R.T. 0.018 min
Lab File: BF141105.D
Acq: 09 Jan 2025 15:28

Tgt Ion:122 Resp: 389430
Ion Ratio Lower Upper
122 100
105 124.9 105.4 145.4
77 93.7 76.4 116.4

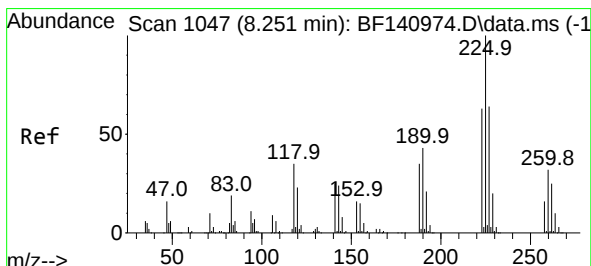
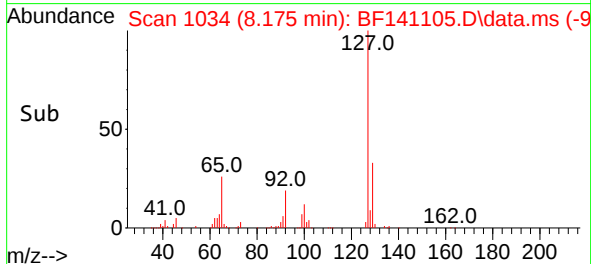
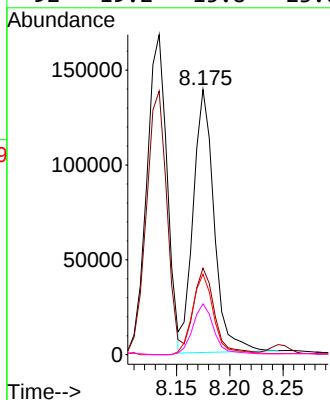
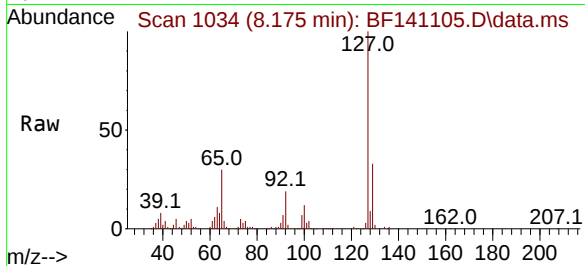




#33
4-Chloroaniline
Concen: 15.600 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF141105.D
Acq: 09 Jan 2025 15:28

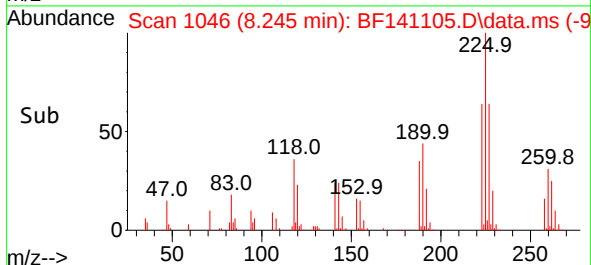
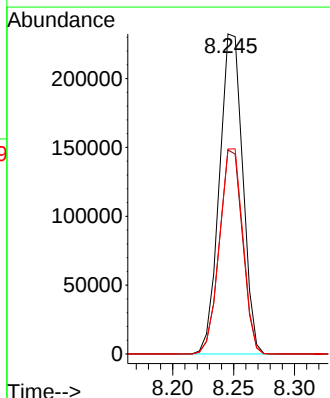
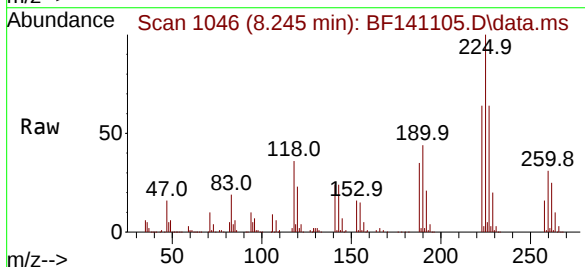
Instrument :
BNA_F
ClientSampleId :
PB165989BSD

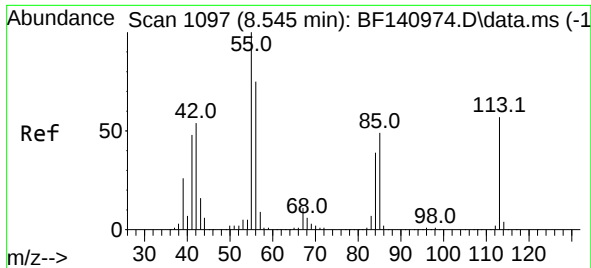
Tgt Ion:	127	Resp:	189509
Ion Ratio	Lower	Upper	
127	100		
129	32.7	26.1	39.1
65	30.3	24.6	37.0
92	19.2	15.8	23.6



#34
Hexachlorobutadiene
Concen: 51.593 ng
RT: 8.245 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF141105.D
Acq: 09 Jan 2025 15:28

Tgt Ion:	225	Resp:	309271
Ion Ratio	Lower	Upper	
225	100		
223	63.7	50.3	75.5
227	64.1	50.8	76.2

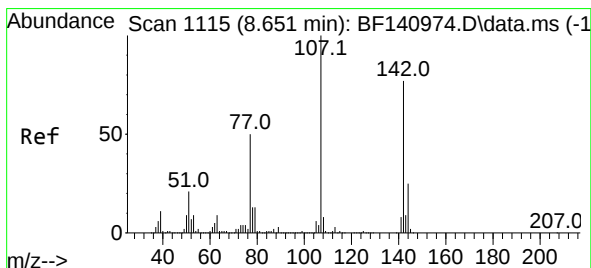
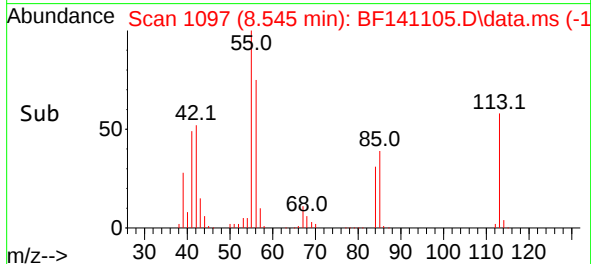
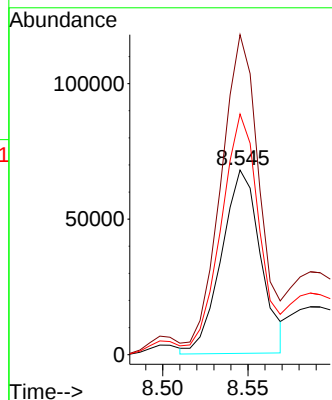
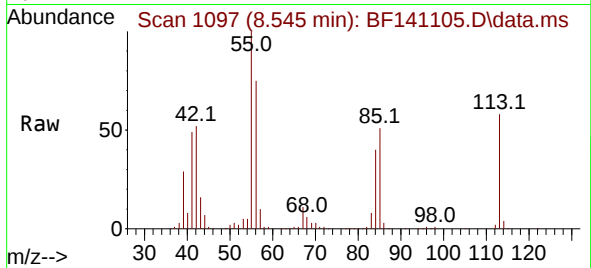




#35
 Caprolactam
 Concen: 35.389 ng
 RT: 8.545 min Scan# 1097
 Delta R.T. 0.000 min
 Lab File: BF141105.D
 Acq: 09 Jan 2025 15:28

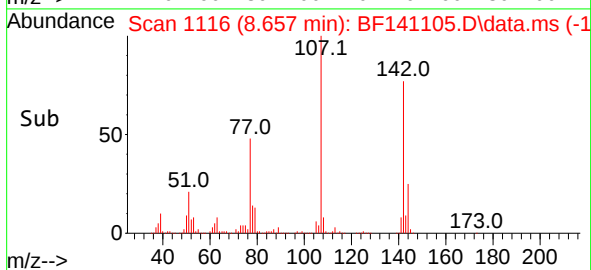
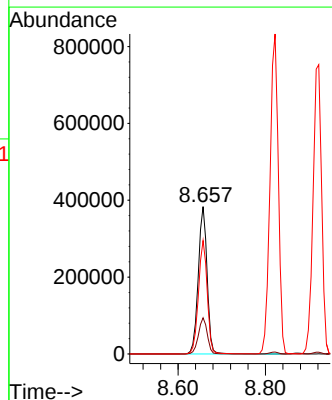
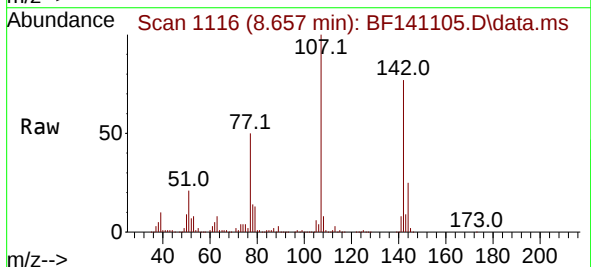
Instrument :
 BNA_F
 ClientSampleId :
 PB165989BSD

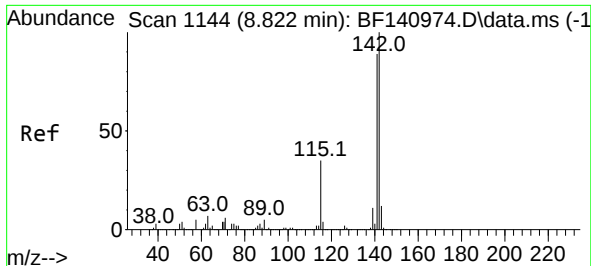
Tgt Ion:113 Resp: 108081
 Ion Ratio Lower Upper
 113 100
 55 173.3 156.6 196.6
 56 130.3 111.7 151.7



#36
 4-Chloro-3-methylphenol
 Concen: 54.030 ng
 RT: 8.657 min Scan# 1116
 Delta R.T. 0.006 min
 Lab File: BF141105.D
 Acq: 09 Jan 2025 15:28

Tgt Ion:107 Resp: 539059
 Ion Ratio Lower Upper
 107 100
 144 24.5 19.9 29.9
 142 77.0 61.8 92.8

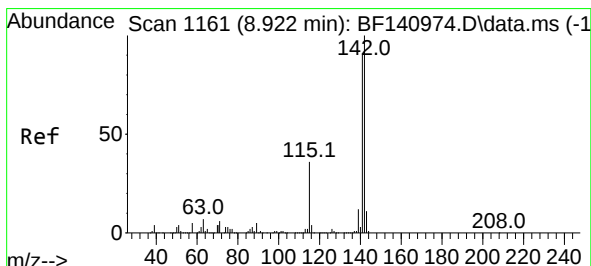
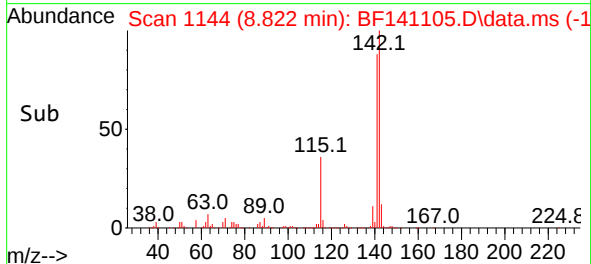
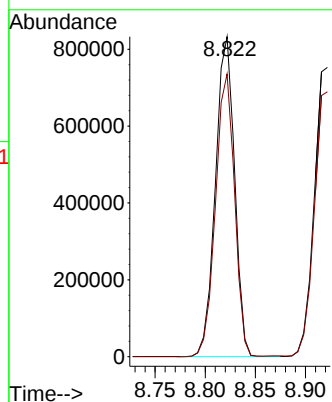
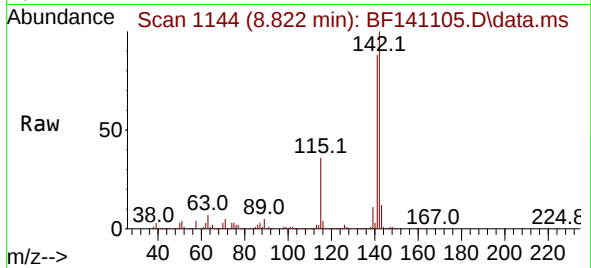




#37
2-Methylnaphthalene
Concen: 51.310 ng
RT: 8.822 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BF141105.D
Acq: 09 Jan 2025 15:28

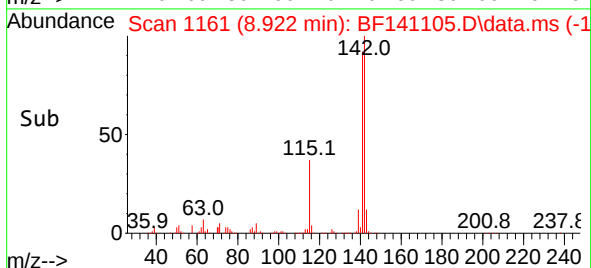
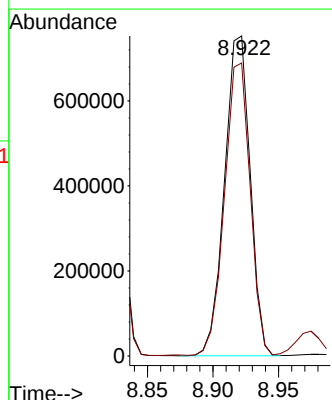
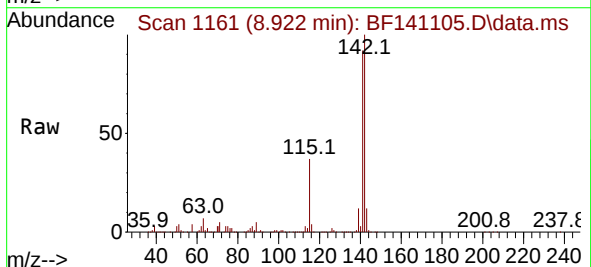
Instrument :
BNA_F
ClientSampleId :
PB165989BSD

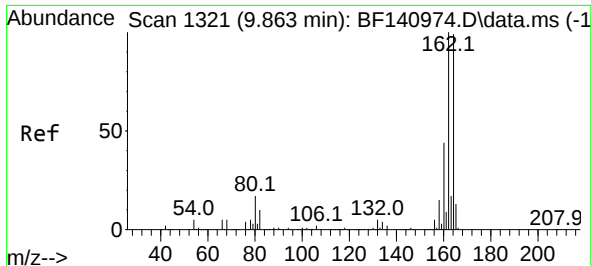
Tgt Ion:142 Resp: 1102207
Ion Ratio Lower Upper
142 100
141 88.4 71.1 106.7



#38
1-Methylnaphthalene
Concen: 48.469 ng
RT: 8.922 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF141105.D
Acq: 09 Jan 2025 15:28

Tgt Ion:142 Resp: 1023264
Ion Ratio Lower Upper
142 100
141 91.6 72.7 109.1

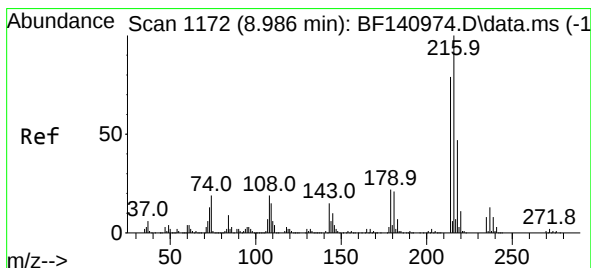
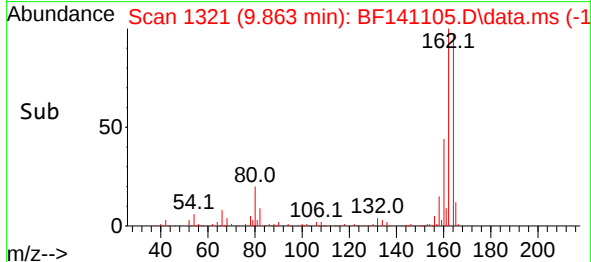
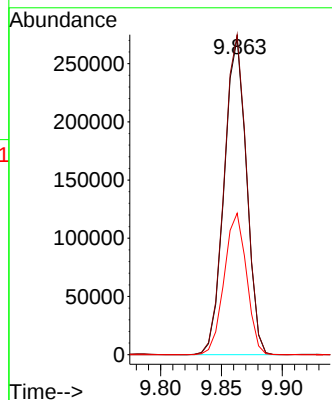
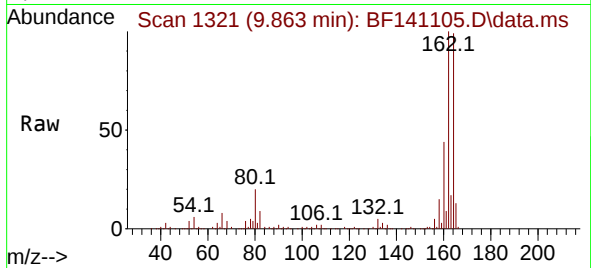




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141105.D
Acq: 09 Jan 2025 15:28

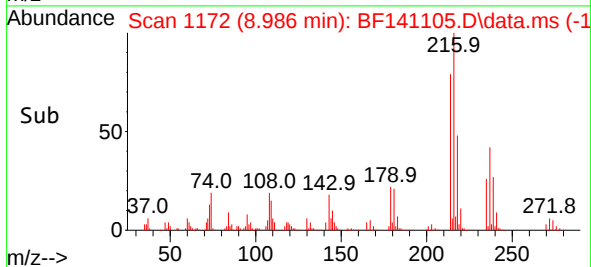
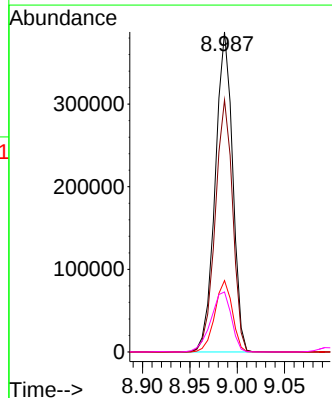
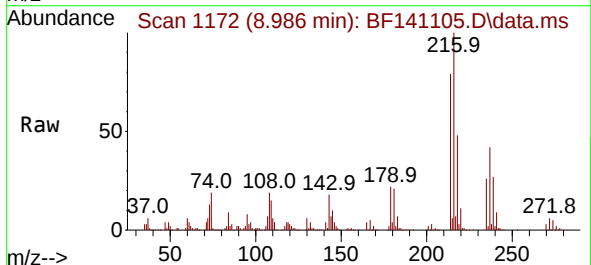
Instrument :
BNA_F
ClientSampleId :
PB165989BSD

Tgt Ion:164 Resp: 346390
Ion Ratio Lower Upper
164 100
162 101.1 80.6 120.8
160 44.7 35.7 53.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.924 ng
RT: 8.986 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF141105.D
Acq: 09 Jan 2025 15:28

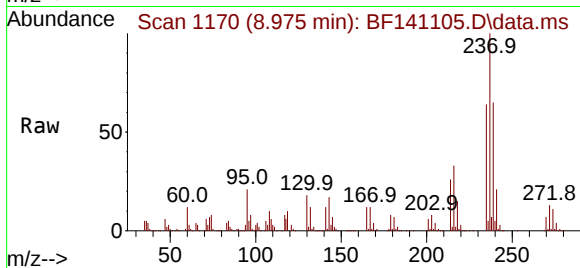
Tgt Ion:216 Resp: 494812
Ion Ratio Lower Upper
216 100
214 78.9 63.0 94.6
179 22.4 17.9 26.9
108 22.1 16.2 24.2



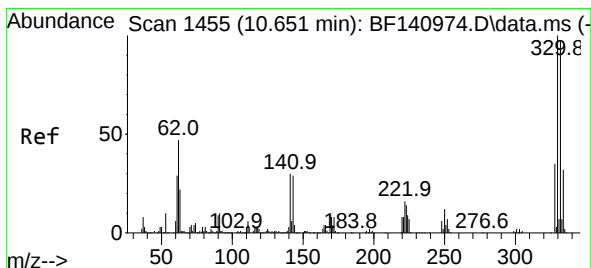
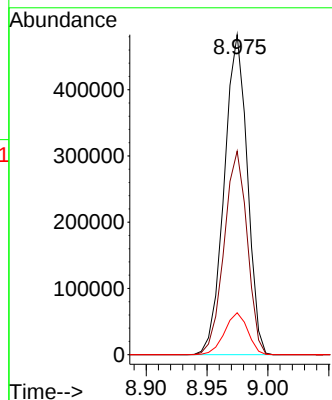
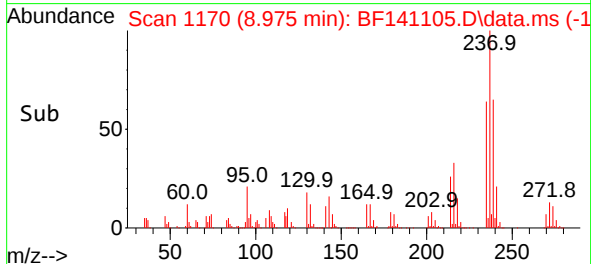


#41
Hexachlorocyclopentadiene
Concen: 201.545 ng
RT: 8.975 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF141105.D
Acq: 09 Jan 2025 15:28

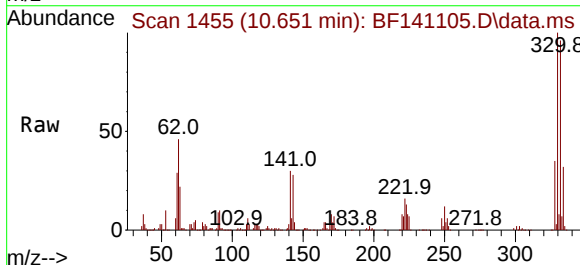
Instrument :
BNA_F
ClientSampleId :
PB165989BSD



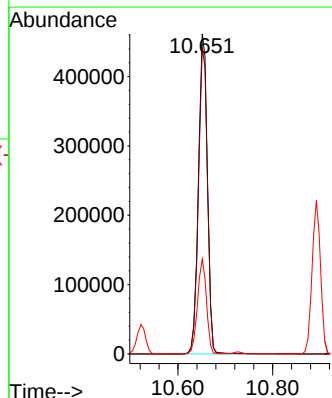
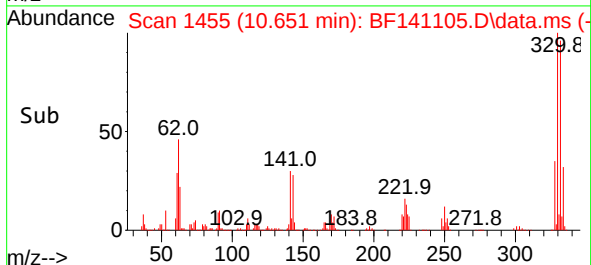
Tgt Ion:237 Resp: 636482
Ion Ratio Lower Upper
237 100
235 63.6 43.4 83.4
272 13.1 0.0 32.6

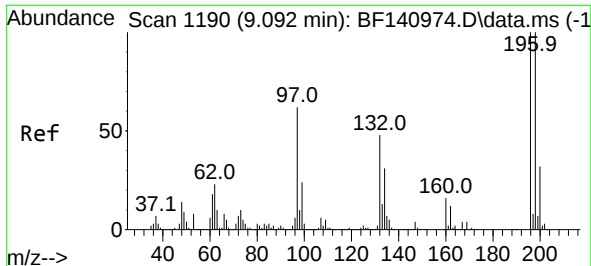


#42
2,4,6-Tribromophenol
Concen: 181.058 ng
RT: 10.651 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BF141105.D
Acq: 09 Jan 2025 15:28



Tgt Ion:330 Resp: 609422
Ion Ratio Lower Upper
330 100
332 96.1 78.0 117.0
141 29.4 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 56.913 ng

RT: 9.098 min Scan# 1190

Delta R.T. 0.006 min

Lab File: BF141105.D

Acq: 09 Jan 2025 15:28

Instrument :

BNA_F

ClientSampleId :

PB165989BSD

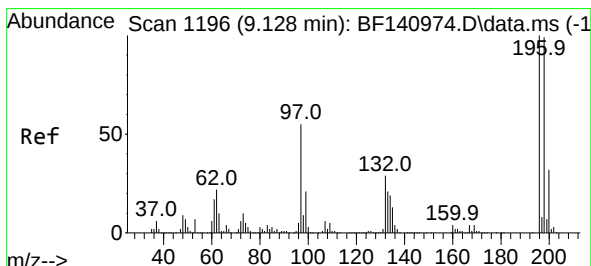
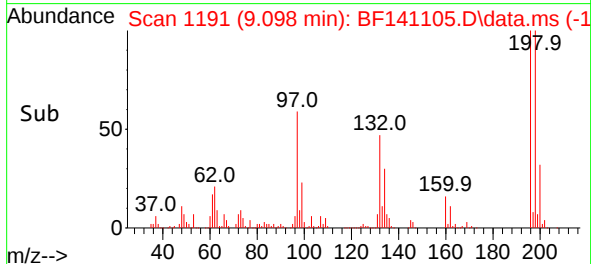
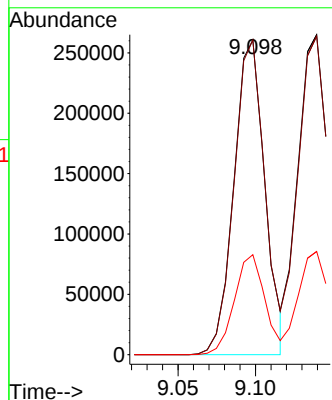
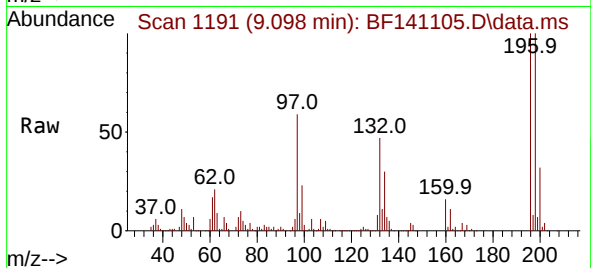
Tgt Ion:196 Resp: 360971

Ion Ratio Lower Upper

196 100

198 100.0 80.2 120.4

200 31.8 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 56.219 ng

RT: 9.139 min Scan# 1198

Delta R.T. 0.012 min

Lab File: BF141105.D

Acq: 09 Jan 2025 15:28

Tgt Ion:196 Resp: 364834

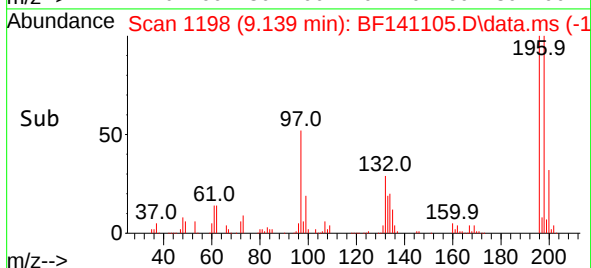
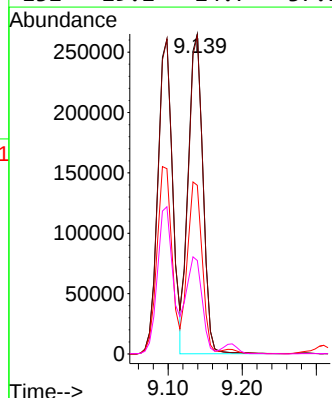
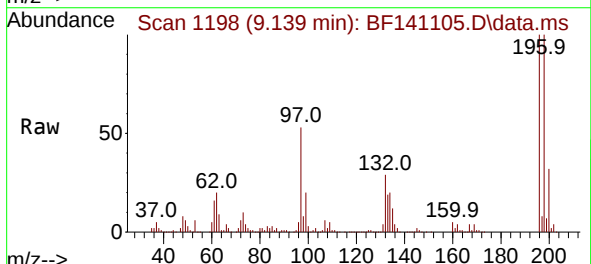
Ion Ratio Lower Upper

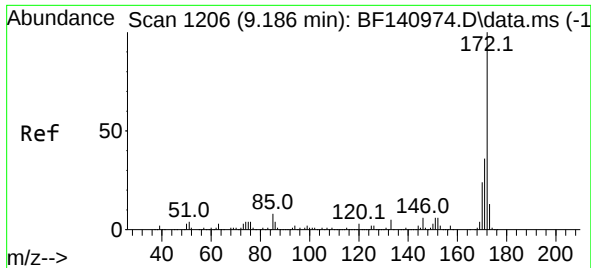
196 100

198 99.6 79.9 119.9

97 52.7 44.3 66.5

132 29.2 24.7 37.1

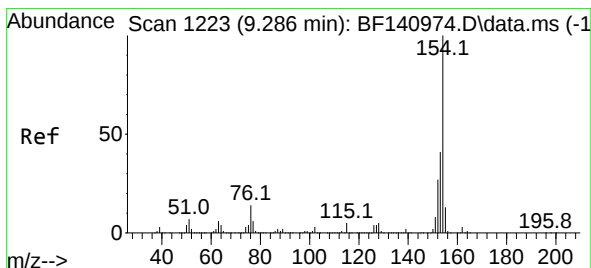
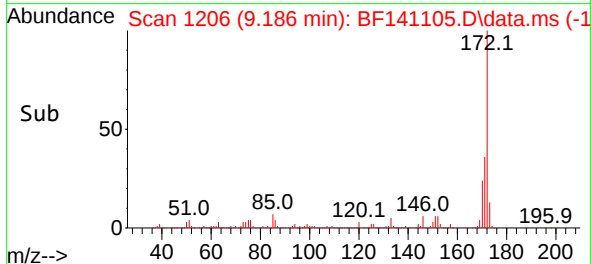
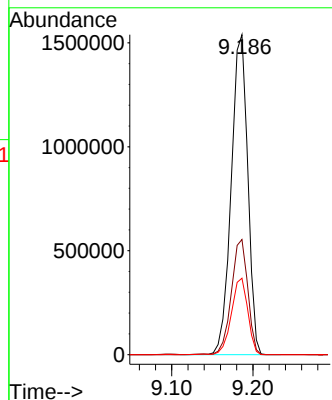
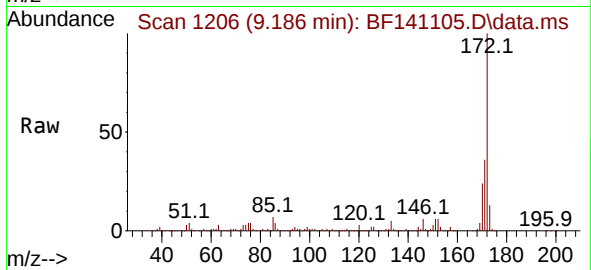




#45
2-Fluorobiphenyl
Concen: 99.807 ng
RT: 9.186 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF141105.D
Acq: 09 Jan 2025 15:28

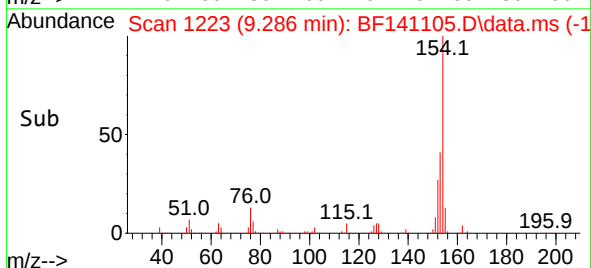
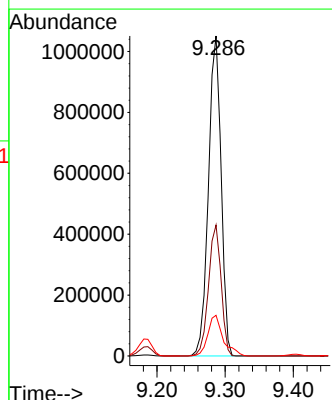
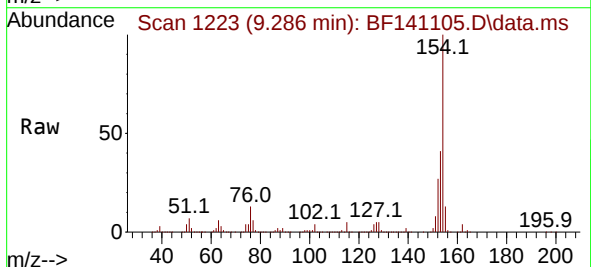
Instrument :
BNA_F
ClientSampleId :
PB165989BSD

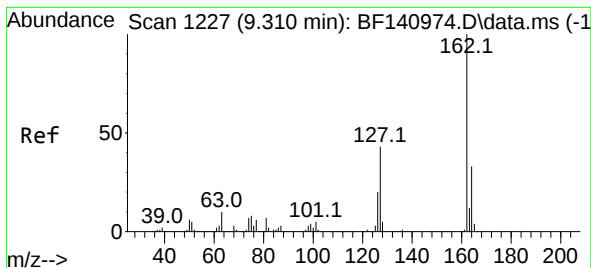
Tgt Ion:172 Resp: 2169927
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.4
170 23.9 19.6 29.4



#46
1,1'-Biphenyl
Concen: 51.147 ng
RT: 9.286 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF141105.D
Acq: 09 Jan 2025 15:28

Tgt Ion:154 Resp: 1356576
Ion Ratio Lower Upper
154 100
153 40.9 20.9 60.9
76 12.7 0.0 34.0





#47

2-Chloronaphthalene

Concen: 49.859 ng

RT: 9.310 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF141105.D

Acq: 09 Jan 2025 15:28

Instrument :

BNA_F

ClientSampleId :

PB165989BSD

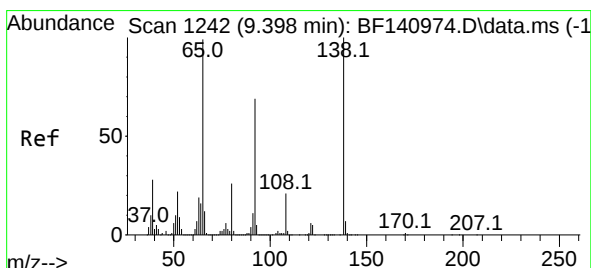
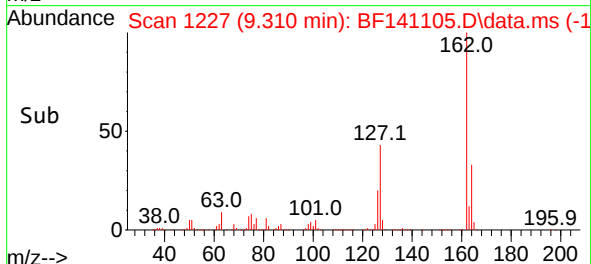
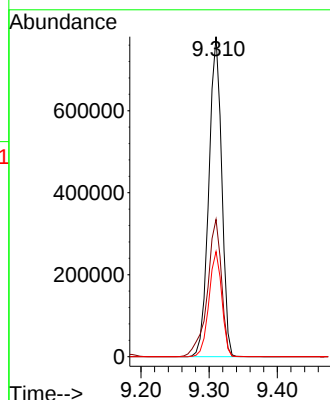
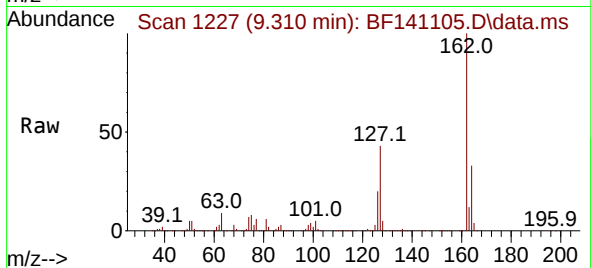
Tgt Ion:162 Resp: 1025626

Ion Ratio Lower Upper

162 100

127 42.9 34.2 51.4

164 32.8 26.6 40.0



#48

2-Nitroaniline

Concen: 60.237 ng

RT: 9.404 min Scan# 1243

Delta R.T. 0.006 min

Lab File: BF141105.D

Acq: 09 Jan 2025 15:28

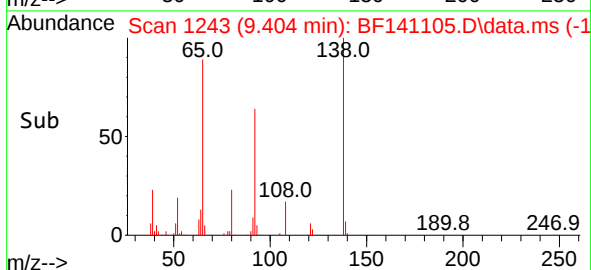
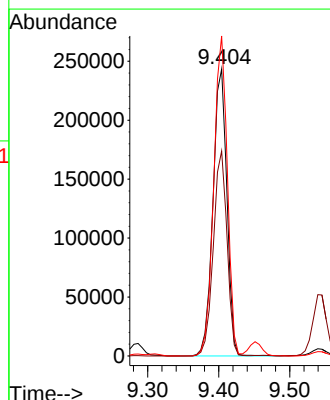
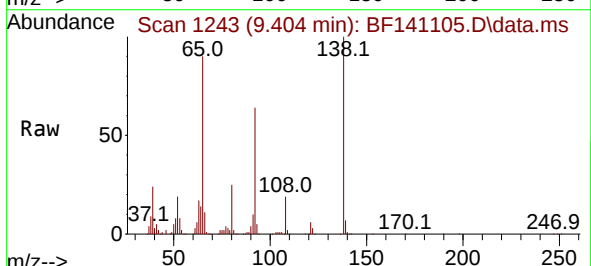
Tgt Ion: 65 Resp: 331207

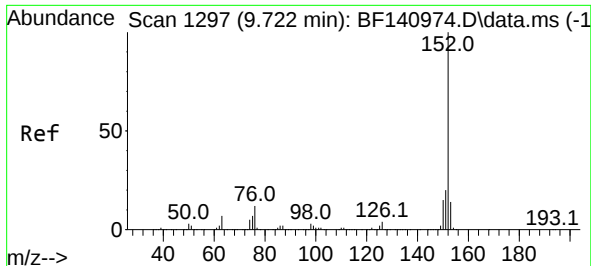
Ion Ratio Lower Upper

65 100

92 71.5 55.6 83.4

138 111.5 80.5 120.7

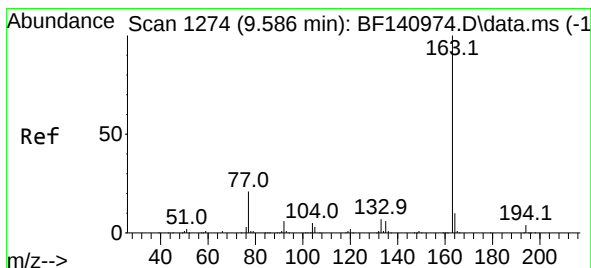
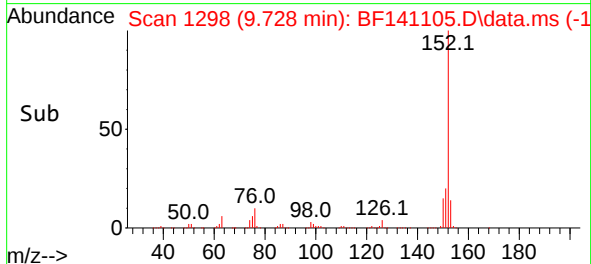
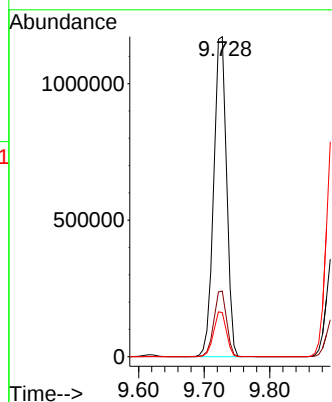
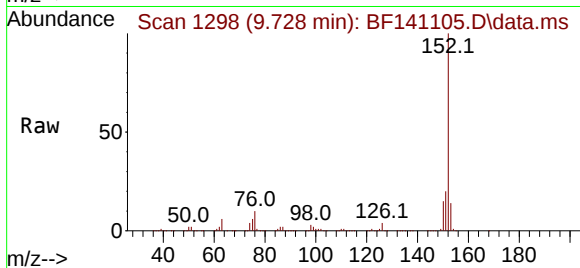




#49
Acenaphthylene
Concen: 54.111 ng
RT: 9.728 min Scan# 1297
Delta R.T. 0.006 min
Lab File: BF141105.D
Acq: 09 Jan 2025 15:28

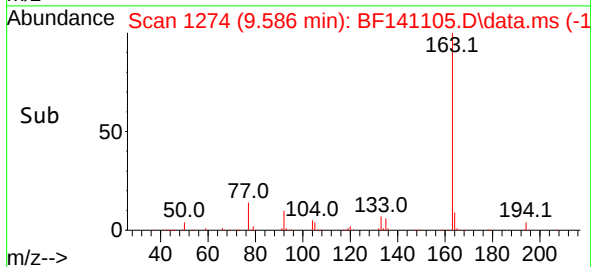
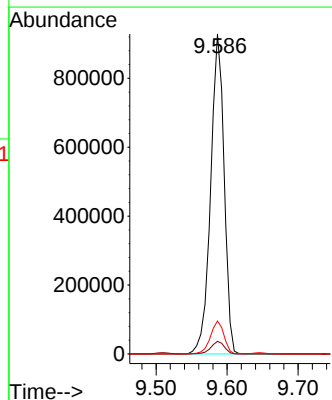
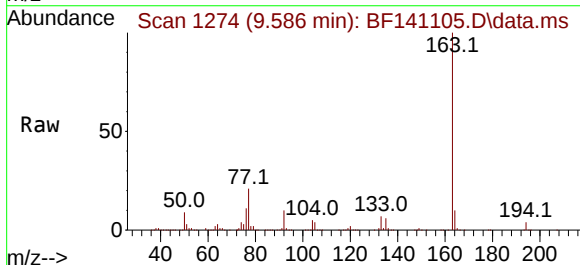
Instrument :
BNA_F
ClientSampleId :
PB165989BSD

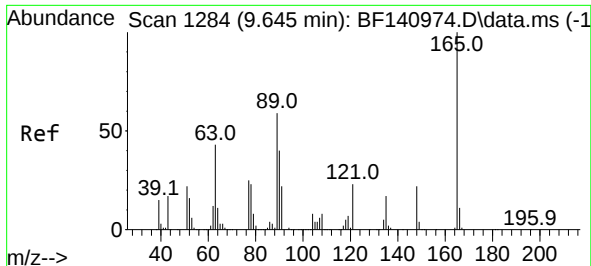
Tgt Ion:152 Resp: 1602337
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 13.8 11.4 17.0



#50
Dimethylphthalate
Concen: 53.848 ng
RT: 9.586 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BF141105.D
Acq: 09 Jan 2025 15:28

Tgt Ion:163 Resp: 1226887
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.3 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 58.880 ng

RT: 9.645 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF141105.D

Acq: 09 Jan 2025 15:28

Instrument :

BNA_F

ClientSampleId :

PB165989BSD

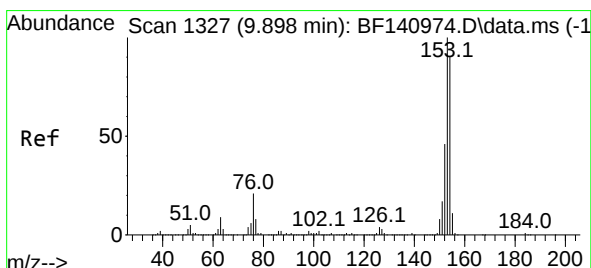
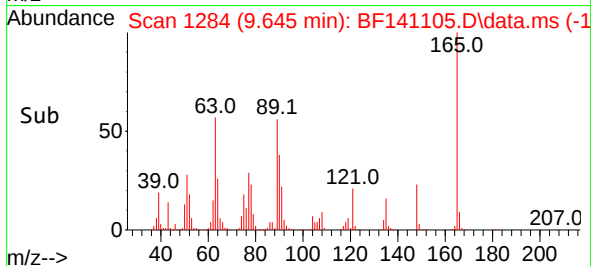
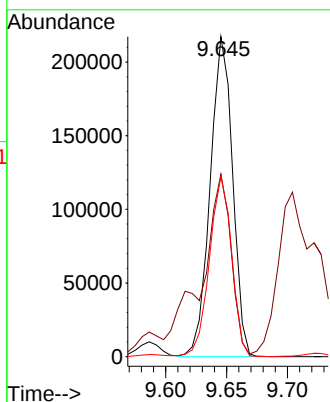
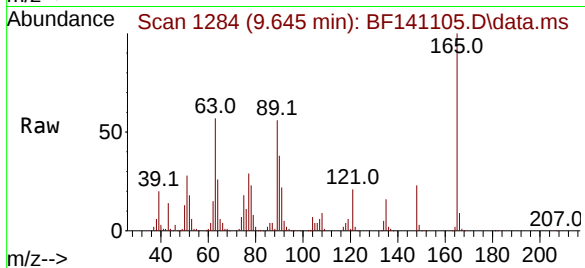
Tgt Ion:165 Resp: 277755

Ion Ratio Lower Upper

165 100

63 57.0 47.1 70.7

89 56.2 47.0 70.4



#52

Acenaphthene

Concen: 59.581 ng

RT: 9.898 min Scan# 1327

Delta R.T. 0.000 min

Lab File: BF141105.D

Acq: 09 Jan 2025 15:28

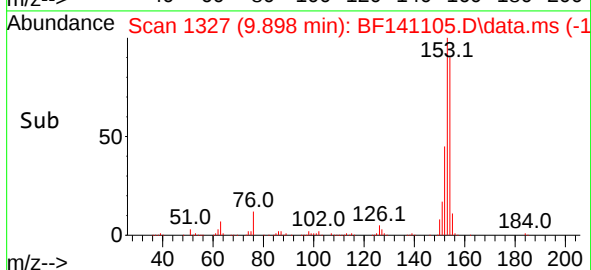
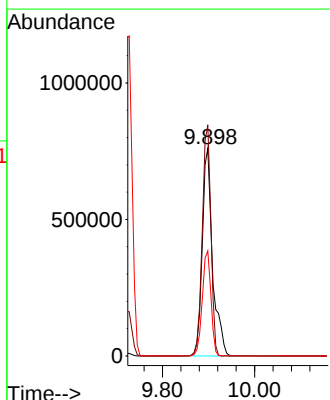
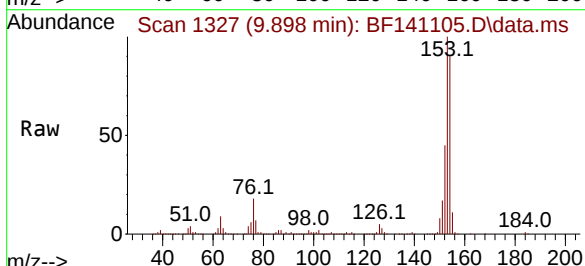
Tgt Ion:154 Resp: 1192755

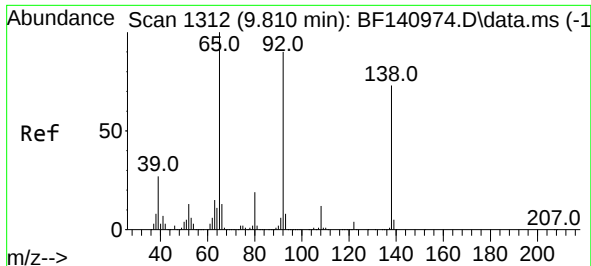
Ion Ratio Lower Upper

154 100

153 111.4 89.2 133.8

152 50.7 40.9 61.3

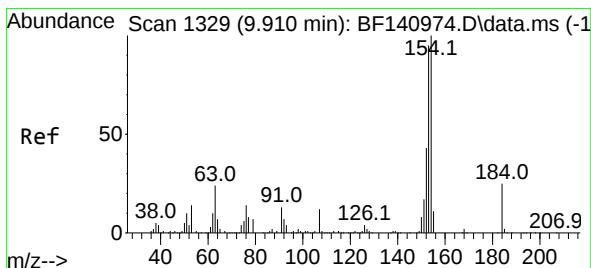
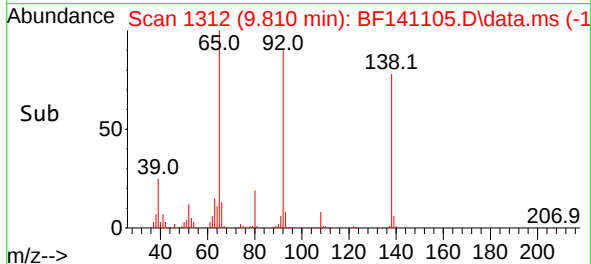
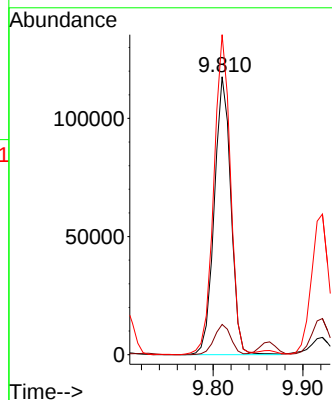
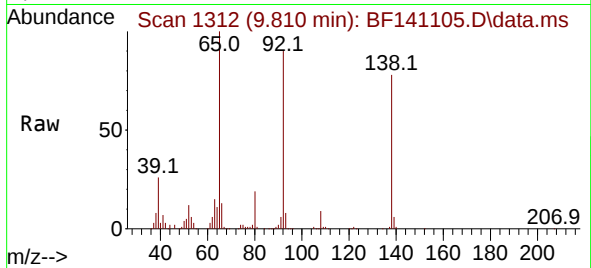




#53
3-Nitroaniline
Concen: 31.139 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141105.D
Acq: 09 Jan 2025 15:28

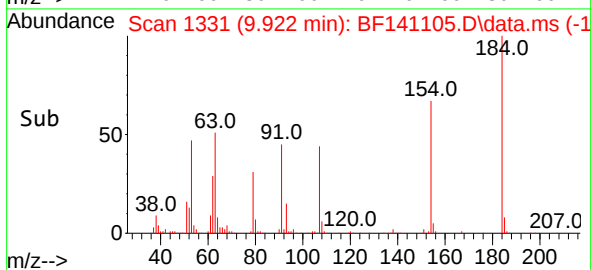
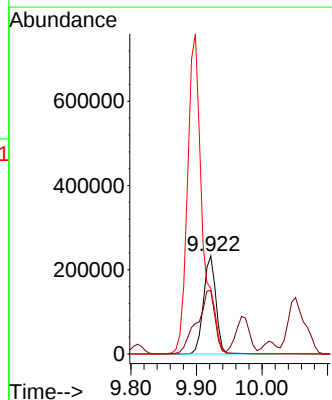
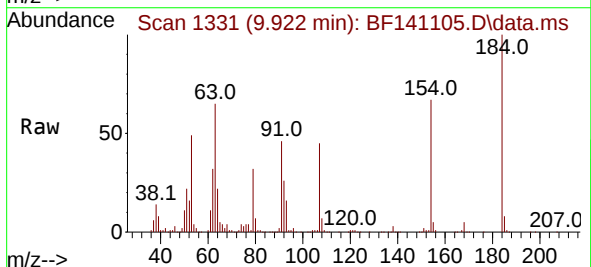
Instrument :
BNA_F
ClientSampleId :
PB165989BSD

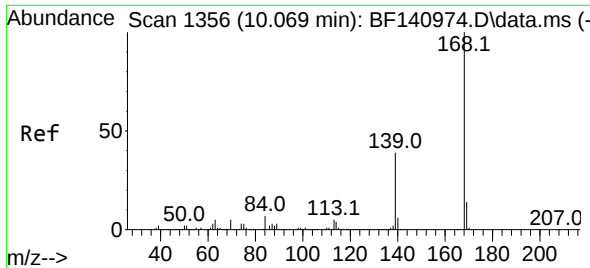
Tgt Ion:138 Resp: 151131
Ion Ratio Lower Upper
138 100
108 10.9 13.5 20.3#
92 115.1 97.7 146.5



#54
2,4-Dinitrophenol
Concen: 129.348 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.012 min
Lab File: BF141105.D
Acq: 09 Jan 2025 15:28

Tgt Ion:184 Resp: 307626
Ion Ratio Lower Upper
184 100
63 64.6 81.6 122.4#
154 67.0 363.5 545.3#

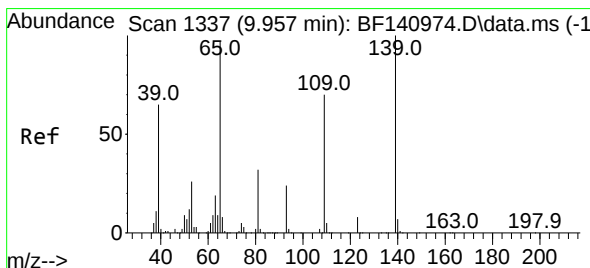
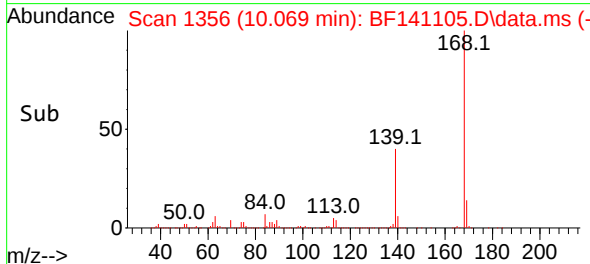
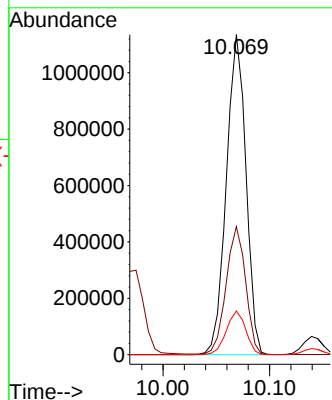
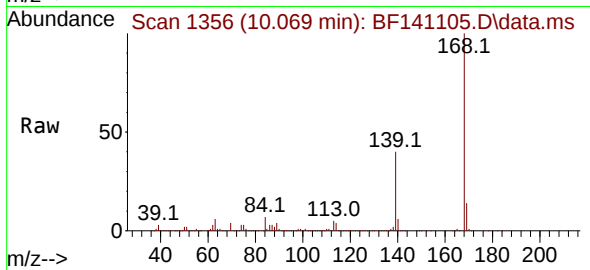




#55
Dibenzenofuran
Concen: 51.567 ng
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141105.D
Acq: 09 Jan 2025 15:28

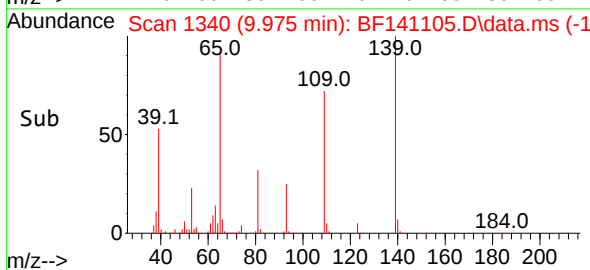
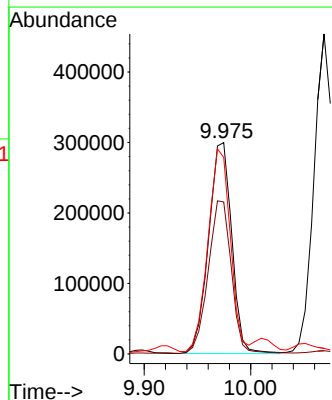
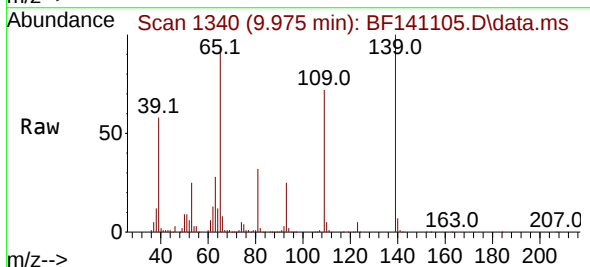
Instrument :
BNA_F
ClientSampleId :
PB165989BSD

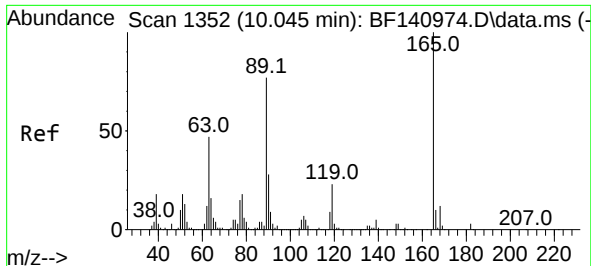
Tgt Ion:168 Resp: 1450770
Ion Ratio Lower Upper
168 100
139 40.0 31.6 47.4
169 13.6 11.0 16.6



#56
4-Nitrophenol
Concen: 115.982 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.018 min
Lab File: BF141105.D
Acq: 09 Jan 2025 15:28

Tgt Ion:139 Resp: 452031
Ion Ratio Lower Upper
139 100
109 72.0 50.8 90.8
65 93.0 78.5 118.5

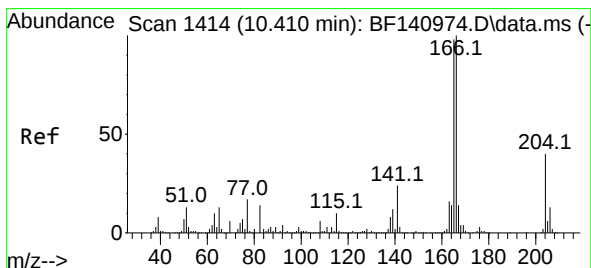
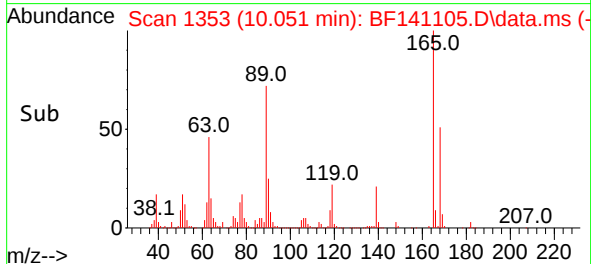
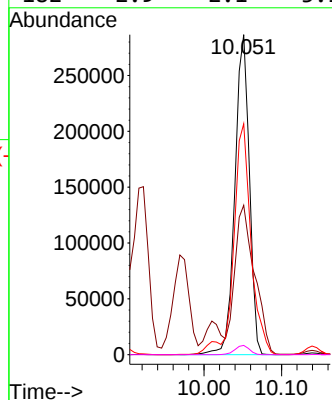
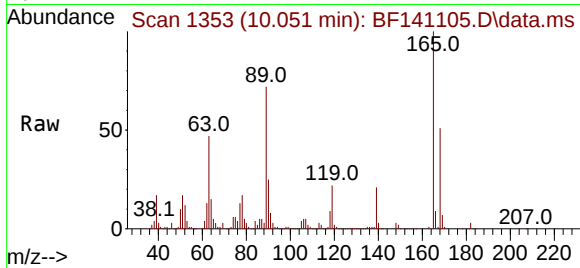




#57
2,4-Dinitrotoluene
Concen: 63.939 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF141105.D
Acq: 09 Jan 2025 15:28

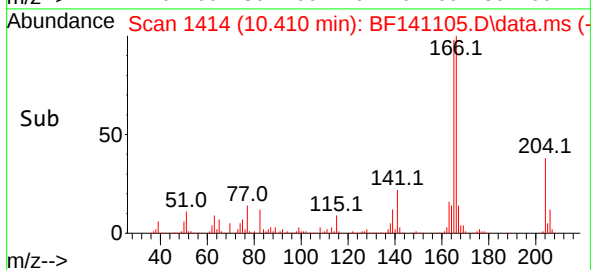
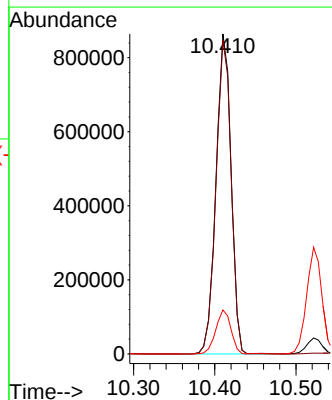
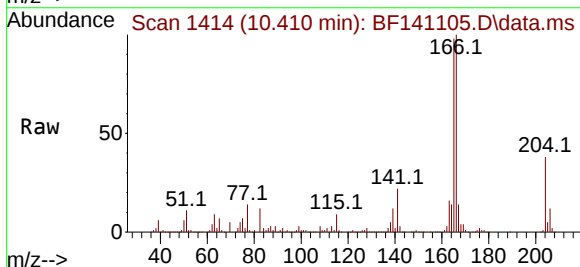
Instrument :
BNA_F
ClientSampleId :
PB165989BSD

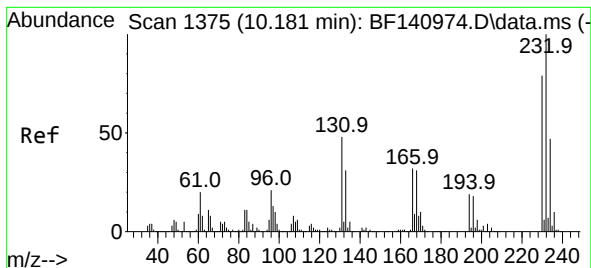
Tgt Ion:165 Resp: 372929
Ion Ratio Lower Upper
165 100
63 46.7 38.1 57.1
89 72.2 61.4 92.2
182 2.9 2.1 3.1



#58
Fluorene
Concen: 51.266 ng
RT: 10.410 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF141105.D
Acq: 09 Jan 2025 15:28

Tgt Ion:166 Resp: 1118449
Ion Ratio Lower Upper
166 100
165 98.0 78.3 117.5
167 13.7 10.9 16.3

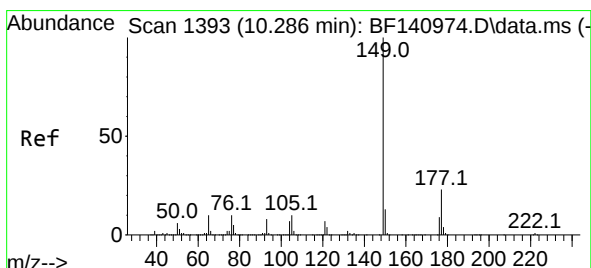
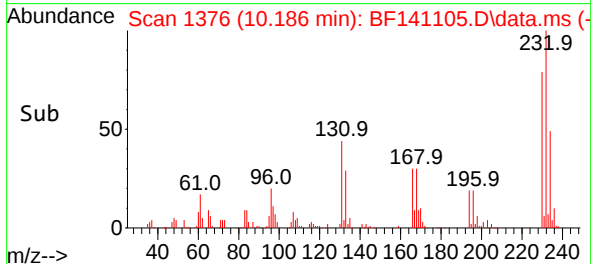
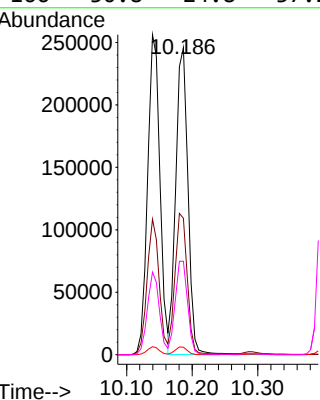
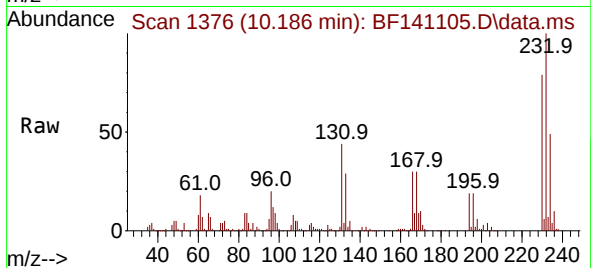




#59
2,3,4,6-Tetrachlorophenol
Concen: 58.763 ng
RT: 10.186 min Scan# 1375
Delta R.T. 0.006 min
Lab File: BF141105.D
Acq: 09 Jan 2025 15:28

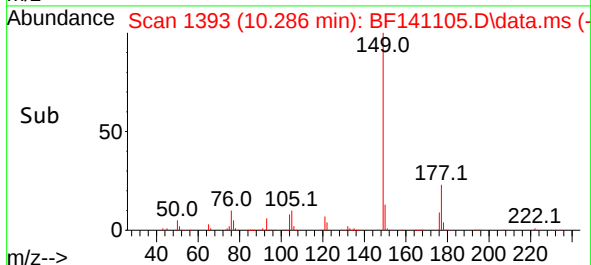
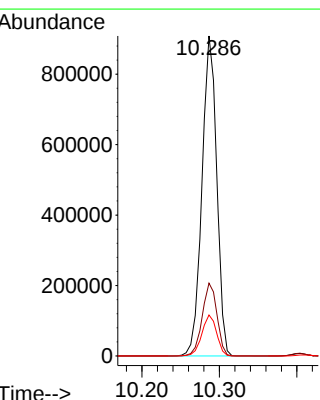
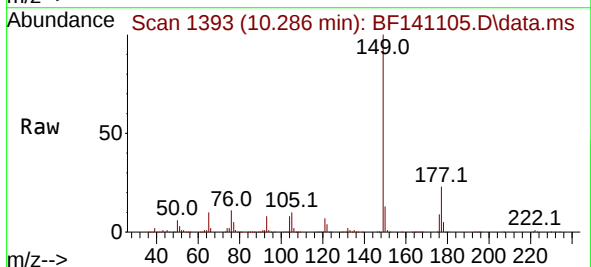
Instrument :
BNA_F
ClientSampleId :
PB165989BSD

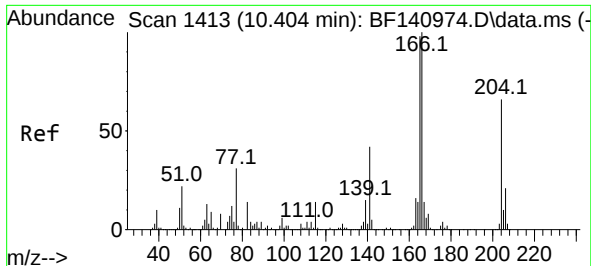
Tgt Ion:232 Resp: 315829
Ion Ratio Lower Upper
232 100
131 46.1 37.4 56.2
130 2.5 1.8 2.8
166 30.8 24.8 37.2



#60
Diethylphthalate
Concen: 53.383 ng
RT: 10.286 min Scan# 1393
Delta R.T. 0.000 min
Lab File: BF141105.D
Acq: 09 Jan 2025 15:28

Tgt Ion:149 Resp: 1200766
Ion Ratio Lower Upper
149 100
177 22.8 18.3 27.5
150 12.8 10.4 15.6

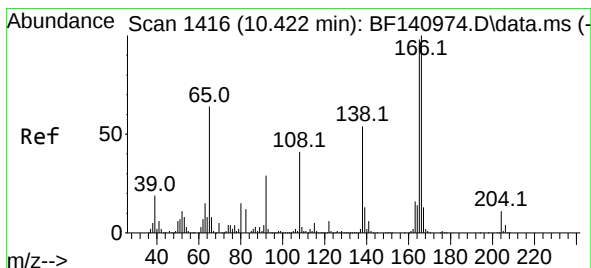
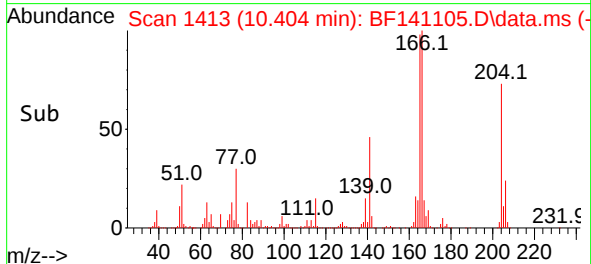
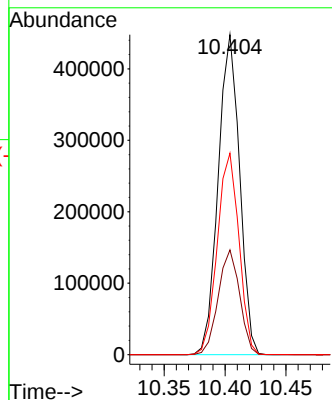
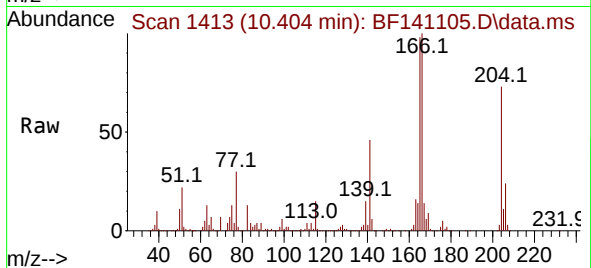




#61
4-Chlorophenyl-phenylether
Concen: 52.306 ng
RT: 10.404 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF141105.D
Acq: 09 Jan 2025 15:28

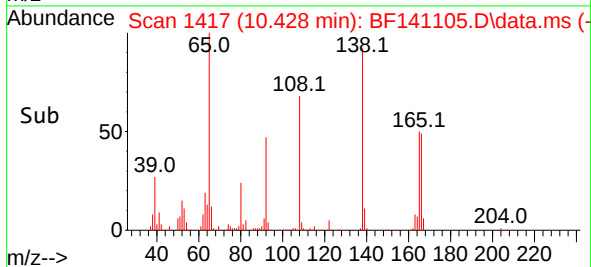
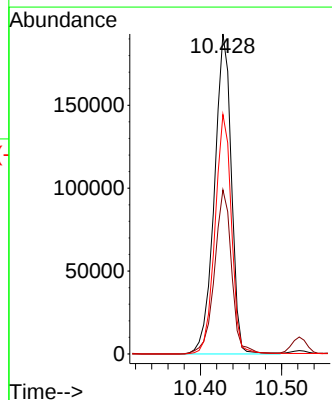
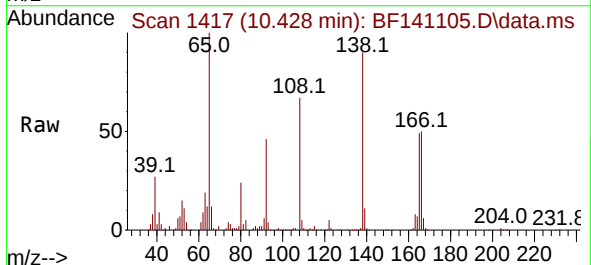
Instrument :
BNA_F
ClientSampleId :
PB165989BSD

Tgt Ion:204 Resp: 549083
Ion Ratio Lower Upper
204 100
206 32.8 25.8 38.6
141 62.9 51.2 76.8



#62
4-Nitroaniline
Concen: 55.044 ng
RT: 10.428 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF141105.D
Acq: 09 Jan 2025 15:28

Tgt Ion:138 Resp: 280535
Ion Ratio Lower Upper
138 100
92 51.3 34.8 74.8
108 74.8 55.9 95.9

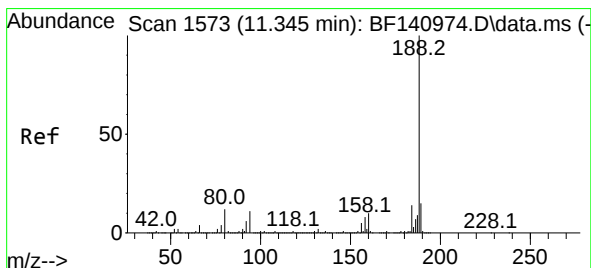
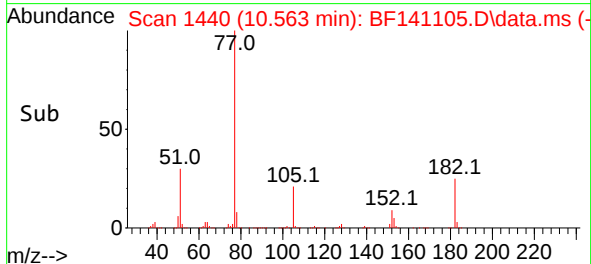
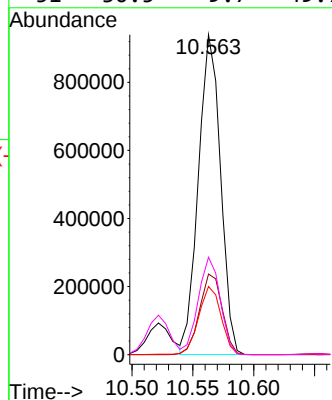
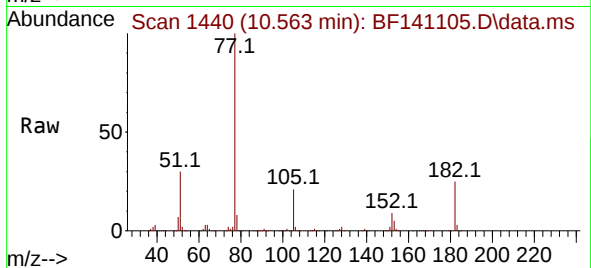




#63
Azobenzene
Concen: 50.352 ng
RT: 10.563 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF141105.D
Acq: 09 Jan 2025 15:28

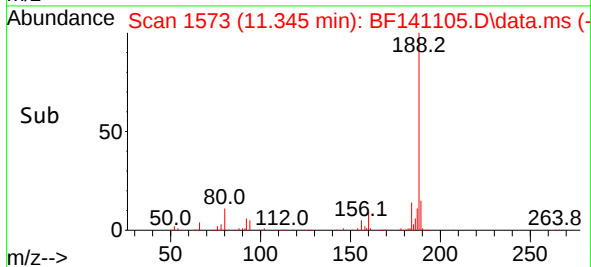
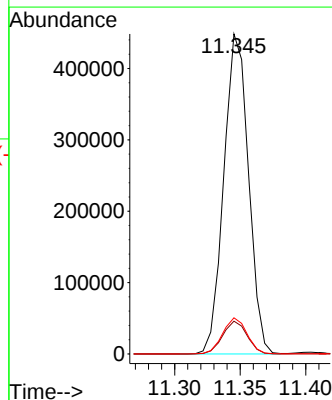
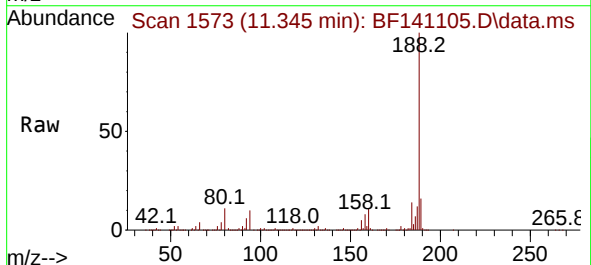
Instrument :
BNA_F
ClientSampleId :
PB165989BSD

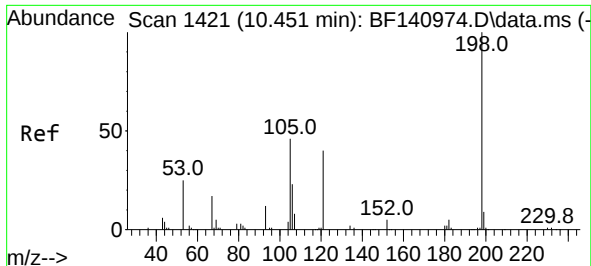
Tgt Ion: 77 Resp: 1188789
Ion Ratio Lower Upper
77 100
182 25.2 4.1 44.1
105 21.3 1.8 41.8
51 30.5 9.7 49.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BF141105.D
Acq: 09 Jan 2025 15:28

Tgt Ion: 188 Resp: 586656
Ion Ratio Lower Upper
188 100
94 10.3 9.0 13.6
80 11.3 9.8 14.6

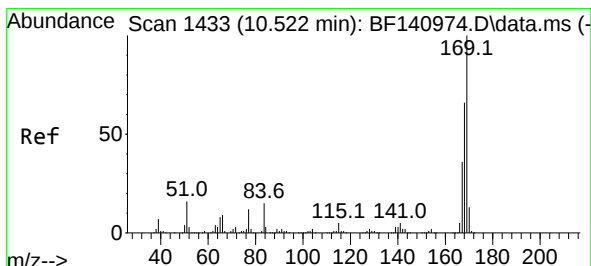
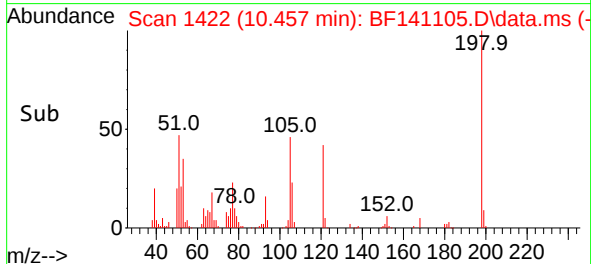
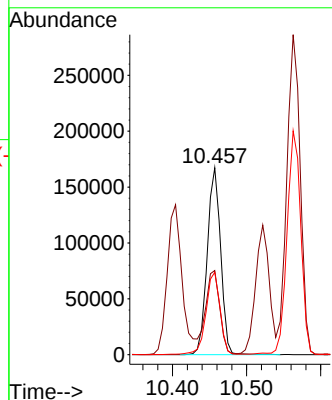
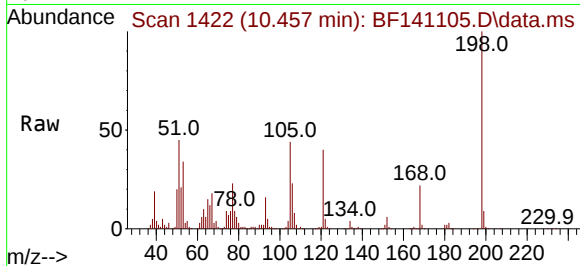




#65
4,6-Dinitro-2-methylphenol
Concen: 81.791 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF141105.D
Acq: 09 Jan 2025 15:28

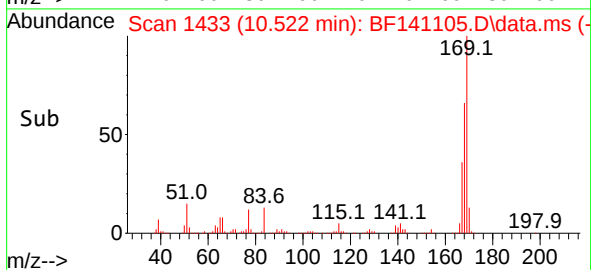
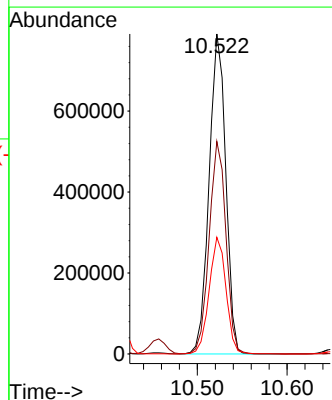
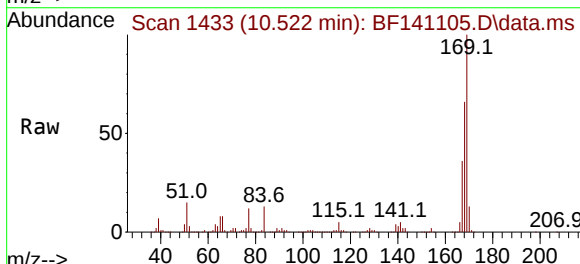
Instrument :
BNA_F
ClientSampleId :
PB165989BSD

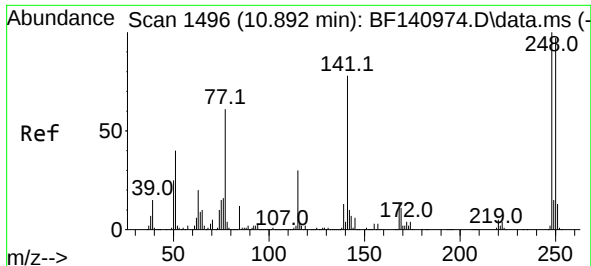
Tgt Ion:198 Resp: 210417
Ion Ratio Lower Upper
198 100
51 45.0 32.3 72.3
105 44.1 28.4 68.4



#66
n-Nitrosodiphenylamine
Concen: 55.068 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF141105.D
Acq: 09 Jan 2025 15:28

Tgt Ion:169 Resp: 1017307
Ion Ratio Lower Upper
169 100
168 66.4 52.6 79.0
167 36.4 29.0 43.4

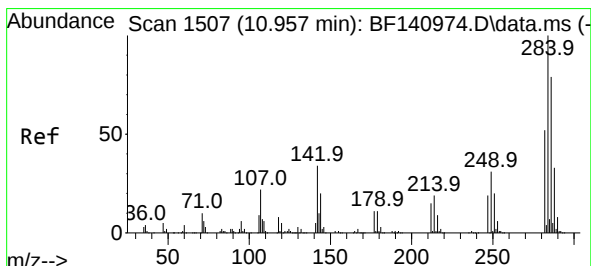
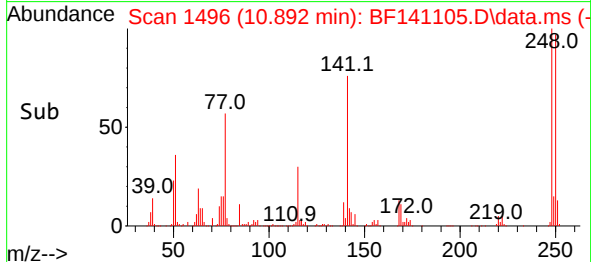
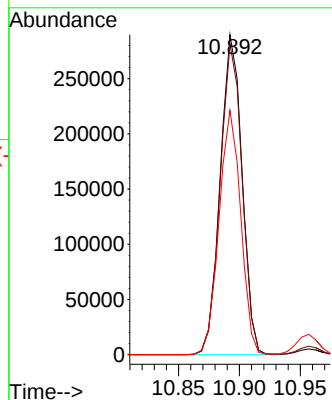
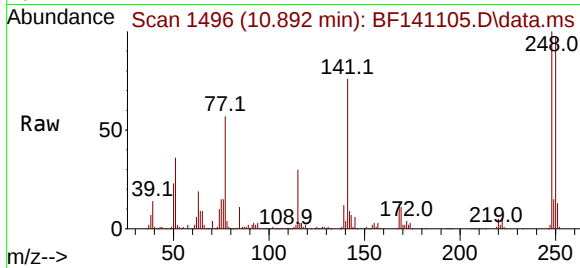




#67
4-Bromophenyl-phenylether
Concen: 57.124 ng
RT: 10.892 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF141105.D
Acq: 09 Jan 2025 15:28

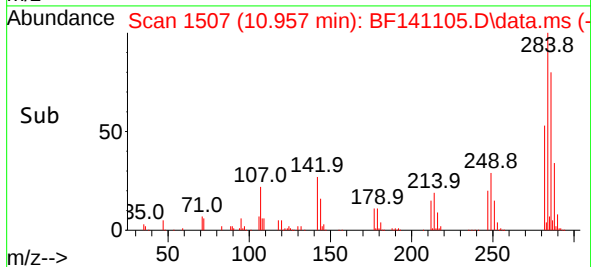
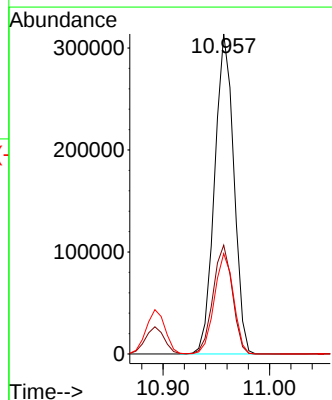
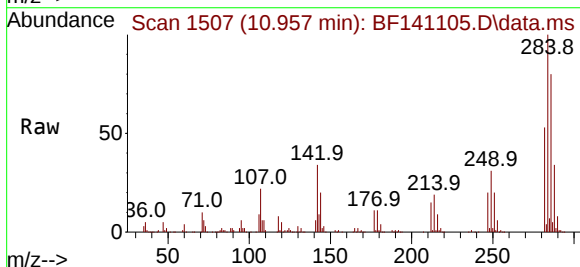
Instrument :
BNA_F
ClientSampleId :
PB165989BSD

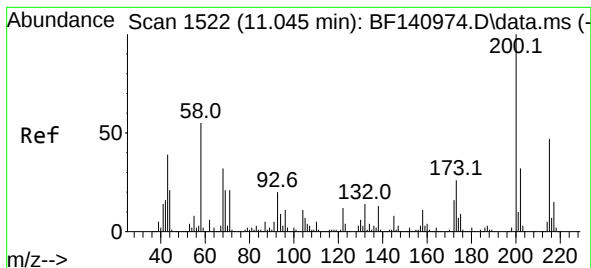
Tgt Ion:248 Resp: 362270
Ion Ratio Lower Upper
248 100
250 97.2 77.7 116.5
141 76.4 62.1 93.1



#68
Hexachlorobenzene
Concen: 56.174 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF141105.D
Acq: 09 Jan 2025 15:28

Tgt Ion:284 Resp: 392819
Ion Ratio Lower Upper
284 100
142 34.0 27.1 40.7
249 31.4 25.1 37.7





#69

Atrazine

Concen: 68.313 ng

RT: 11.051 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF141105.D

Acq: 09 Jan 2025 15:28

Instrument :

BNA_F

ClientSampleId :

PB165989BSD

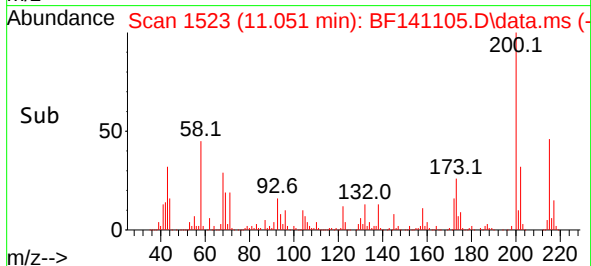
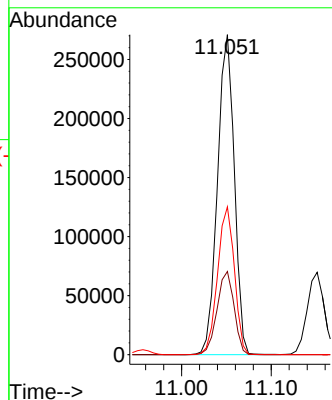
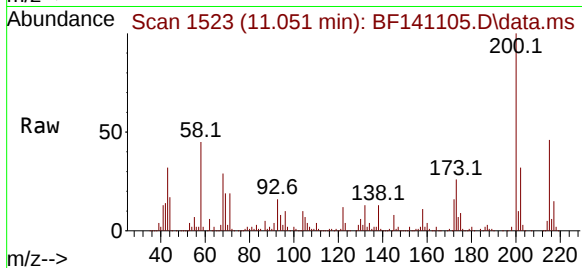
Tgt Ion:200 Resp: 352558

Ion Ratio Lower Upper

200 100

173 26.0 6.4 46.4

215 46.2 27.2 67.2



#70

Pentachlorophenol

Concen: 114.392 ng

RT: 11.151 min Scan# 1540

Delta R.T. 0.006 min

Lab File: BF141105.D

Acq: 09 Jan 2025 15:28

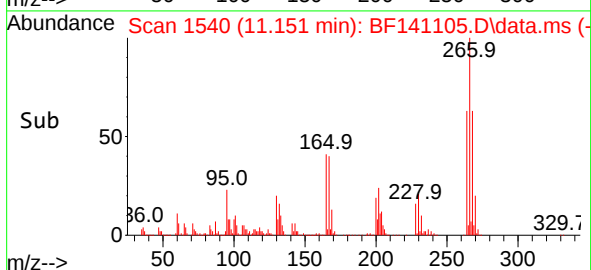
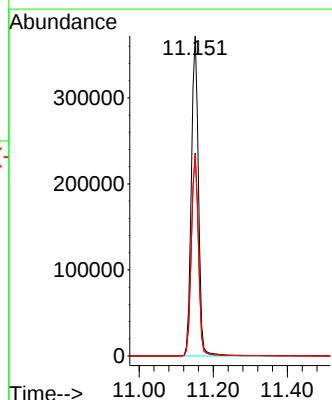
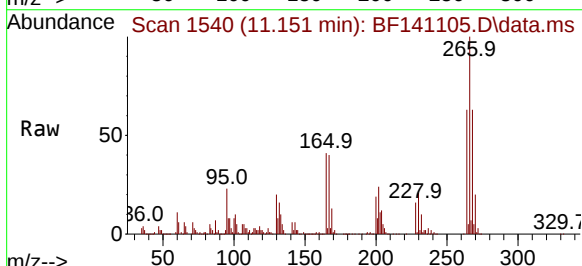
Tgt Ion:266 Resp: 498043

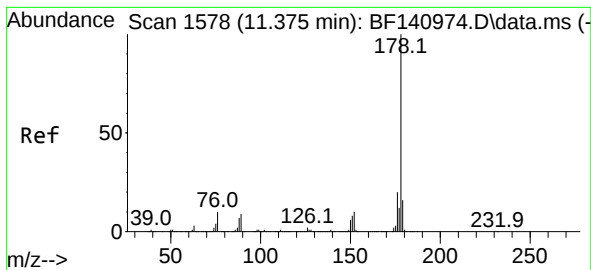
Ion Ratio Lower Upper

266 100

268 63.4 50.5 75.7

264 62.7 50.2 75.4





#71

Phenanthrene

Concen: 54.402 ng

RT: 11.375 min Scan# 1578

Delta R.T. 0.000 min

Lab File: BF141105.D

Acq: 09 Jan 2025 15:28

Instrument :

BNA_F

ClientSampleId :

PB165989BSD

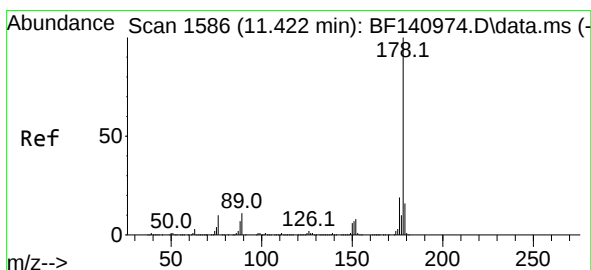
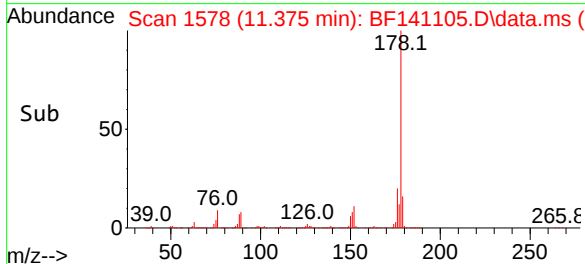
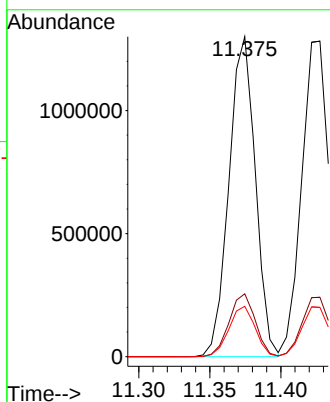
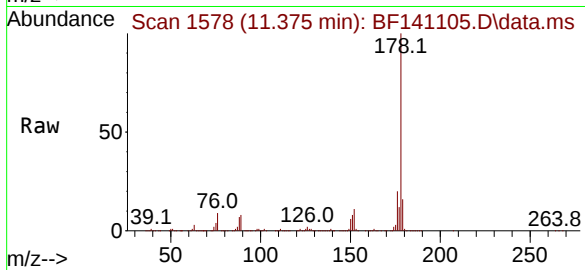
Tgt Ion:178 Resp: 1679735

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.6

179 15.8 12.6 19.0



#72

Anthracene

Concen: 56.833 ng

RT: 11.428 min Scan# 1587

Delta R.T. 0.006 min

Lab File: BF141105.D

Acq: 09 Jan 2025 15:28

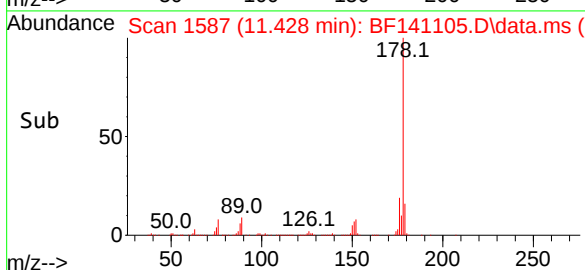
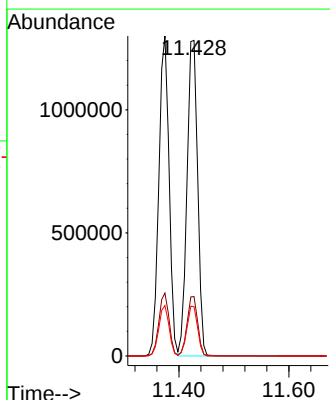
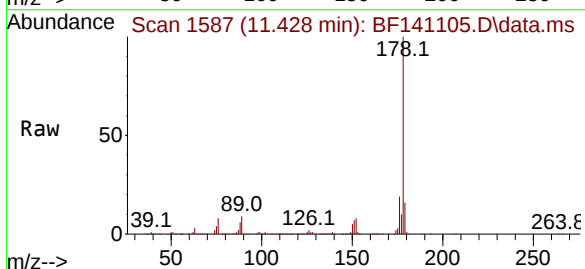
Tgt Ion:178 Resp: 1719491

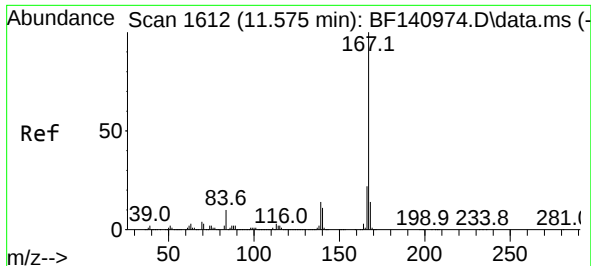
Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

179 15.6 12.9 19.3

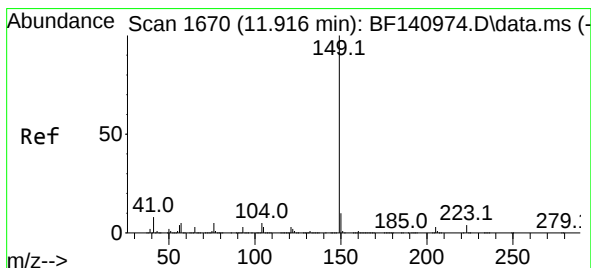
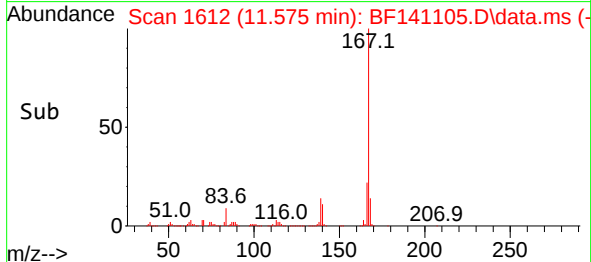
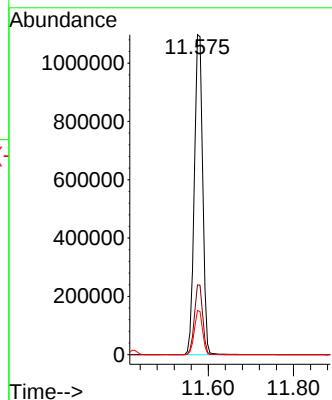
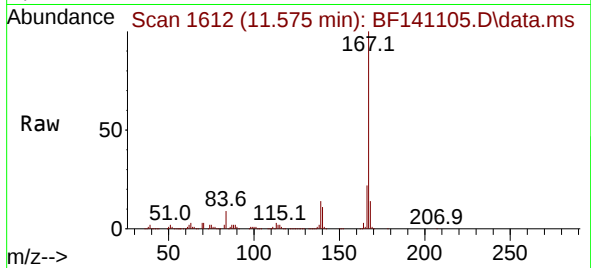




#73
 Carbazole
 Concen: 51.304 ng
 RT: 11.575 min Scan# 1612
 Delta R.T. 0.000 min
 Lab File: BF141105.D
 Acq: 09 Jan 2025 15:28

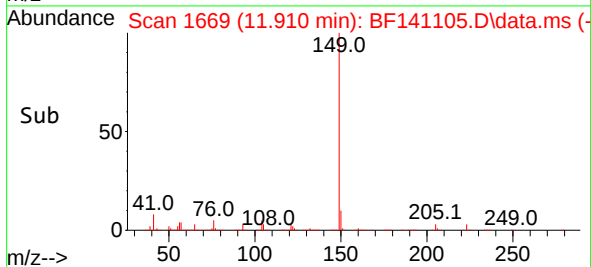
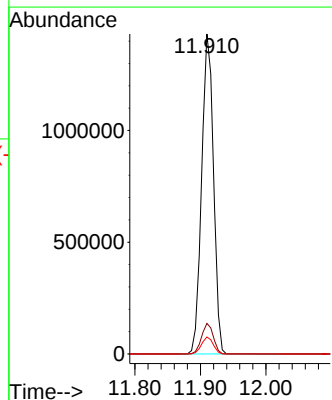
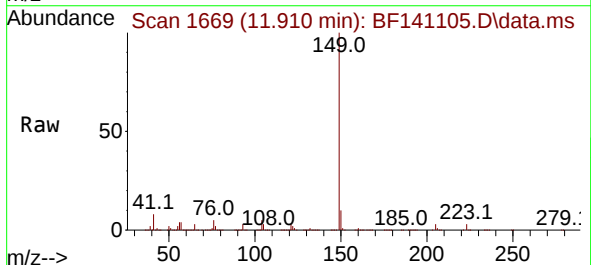
Instrument :
 BNA_F
 ClientSampleId :
 PB165989BSD

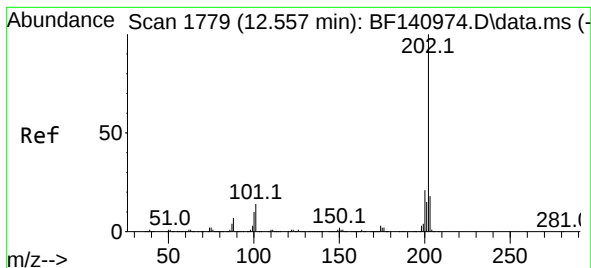
Tgt Ion:167 Resp: 1492168
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.5 26.3
 139 13.8 11.0 16.4



#74
 Di-n-butylphthalate
 Concen: 54.557 ng
 RT: 11.910 min Scan# 1669
 Delta R.T. -0.006 min
 Lab File: BF141105.D
 Acq: 09 Jan 2025 15:28

Tgt Ion:149 Resp: 1804806
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 5.3 4.1 6.1





#75

Fluoranthene

Concen: 50.513 ng

RT: 12.563 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF141105.D

Acq: 09 Jan 2025 15:28

Instrument :

BNA_F

ClientSampleId :

PB165989BSD

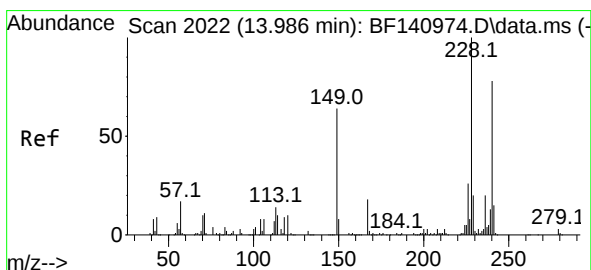
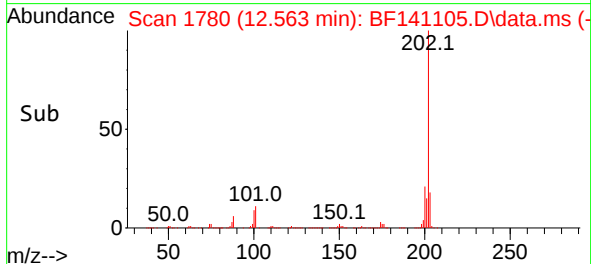
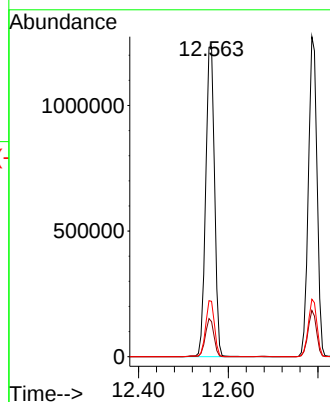
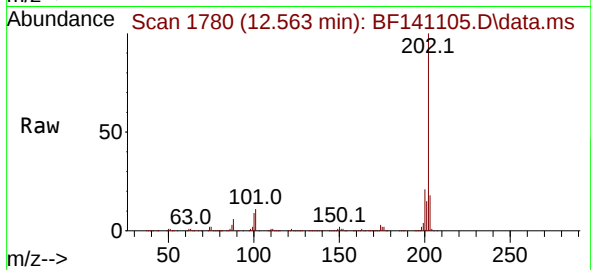
Tgt Ion:202 Resp: 1691535

Ion Ratio Lower Upper

202 100

101 11.3 0.0 33.7

203 17.9 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: BF141105.D

Acq: 09 Jan 2025 15:28

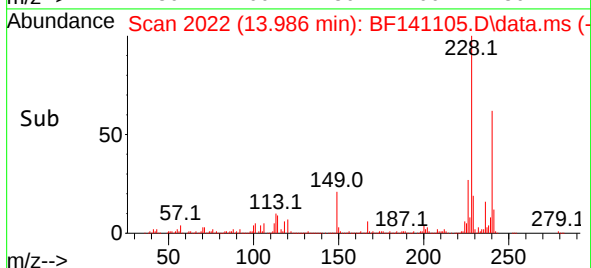
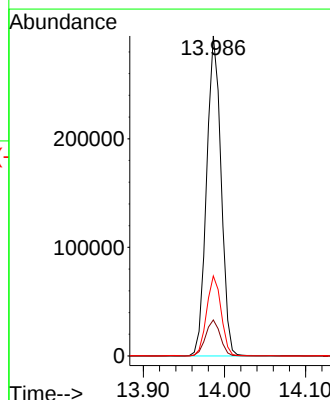
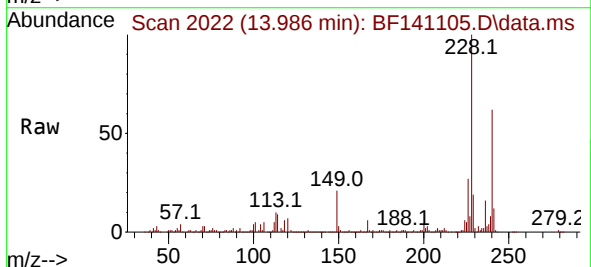
Tgt Ion:240 Resp: 364876

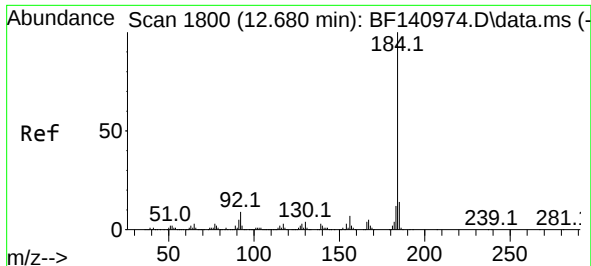
Ion Ratio Lower Upper

240 100

120 11.3 10.7 16.1

236 25.0 20.6 31.0

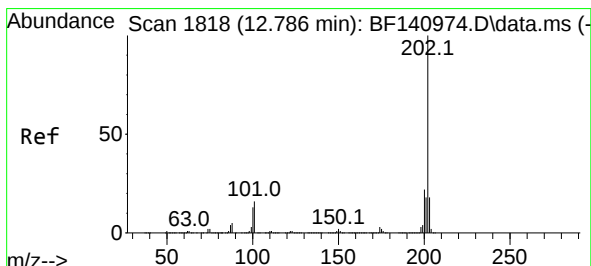
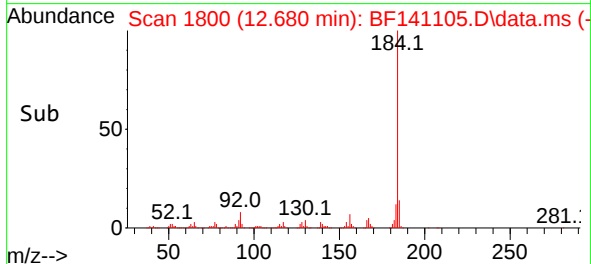
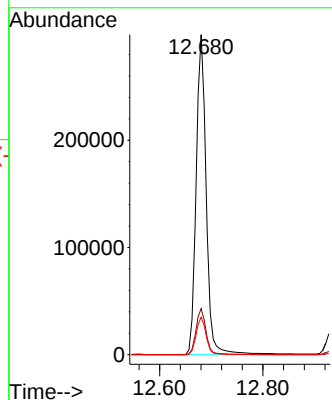
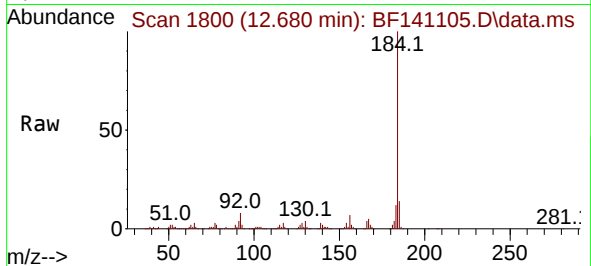




#77
Benzidine
Concen: 52.345 ng
RT: 12.680 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BF141105.D
Acq: 09 Jan 2025 15:28

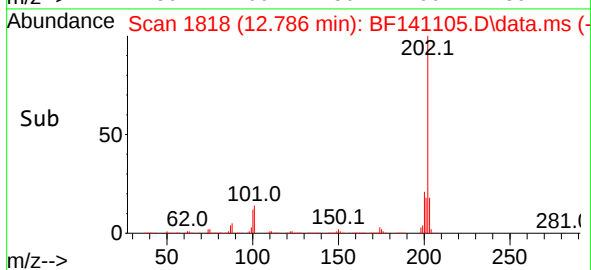
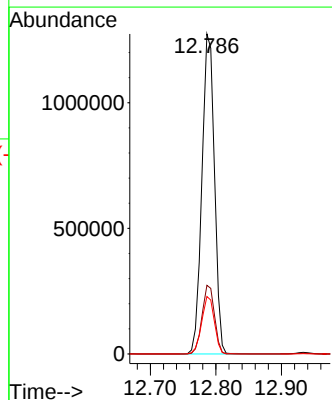
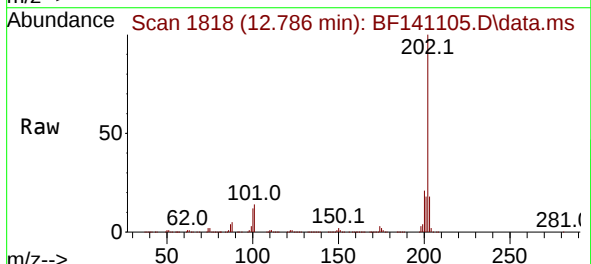
Instrument :
BNA_F
ClientSampleId :
PB165989BSD

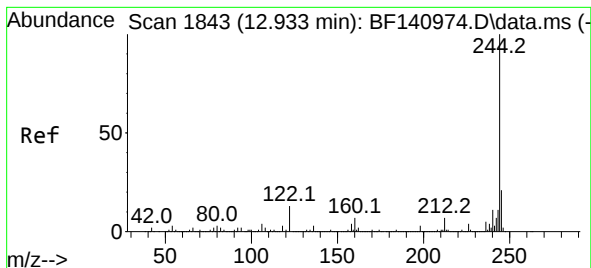
Tgt Ion:184 Resp: 403648
Ion Ratio Lower Upper
184 100
185 14.4 11.4 17.2
183 11.7 9.4 14.0



#78
Pyrene
Concen: 53.261 ng
RT: 12.786 min Scan# 1818
Delta R.T. 0.000 min
Lab File: BF141105.D
Acq: 09 Jan 2025 15:28

Tgt Ion:202 Resp: 1699618
Ion Ratio Lower Upper
202 100
200 21.5 17.3 25.9
203 17.9 14.6 21.8





#79

Terphenyl-d14

Concen: 111.355 ng

RT: 12.933 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF141105.D

Acq: 09 Jan 2025 15:28

Instrument :

BNA_F

ClientSampleId :

PB165989BSD

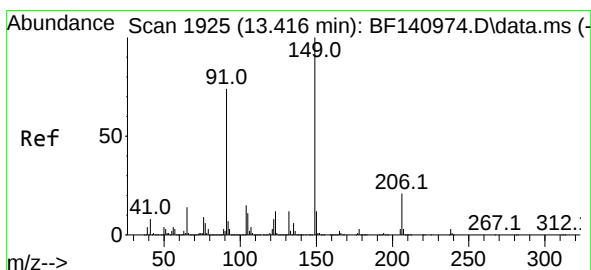
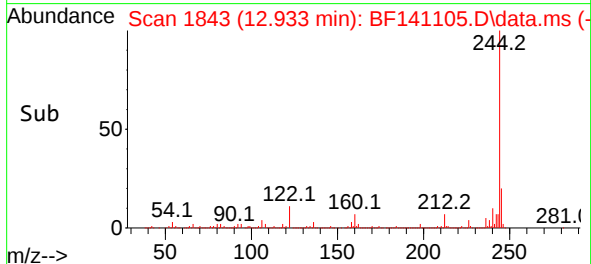
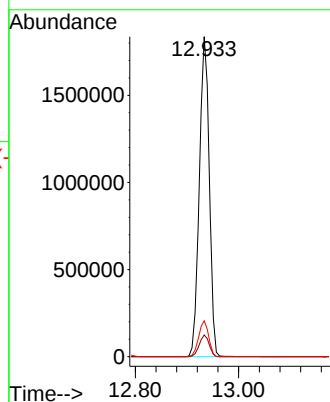
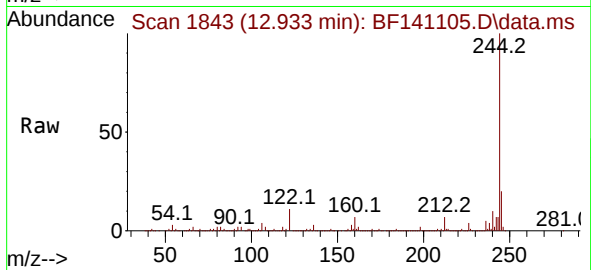
Tgt Ion:244 Resp: 2446158

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

122 11.2 10.2 15.2



#80

Butylbenzylphthalate

Concen: 57.240 ng

RT: 13.410 min Scan# 1924

Delta R.T. -0.006 min

Lab File: BF141105.D

Acq: 09 Jan 2025 15:28

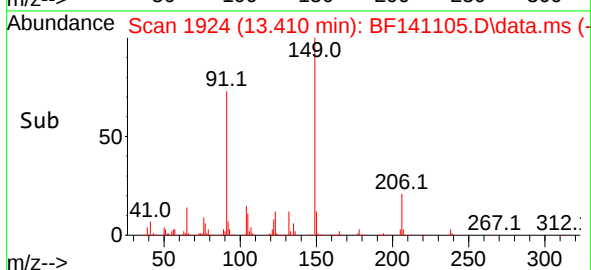
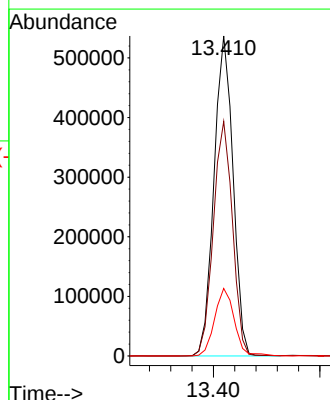
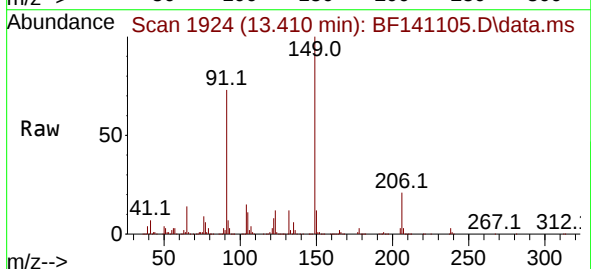
Tgt Ion:149 Resp: 666986

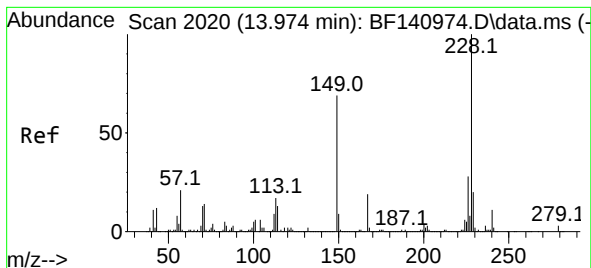
Ion Ratio Lower Upper

149 100

91 73.3 59.5 89.3

206 21.1 17.1 25.7





#81

Benzo(a)anthracene

Concen: 48.658 ng

RT: 13.974 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF141105.D

Acq: 09 Jan 2025 15:28

Instrument :

BNA_F

ClientSampleId :

PB165989BSD

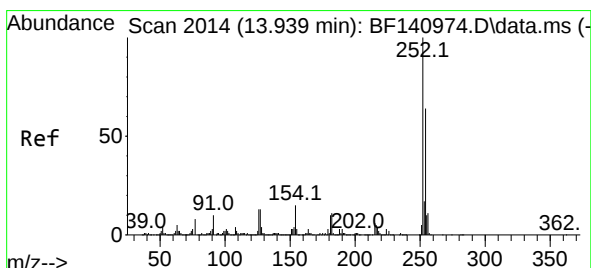
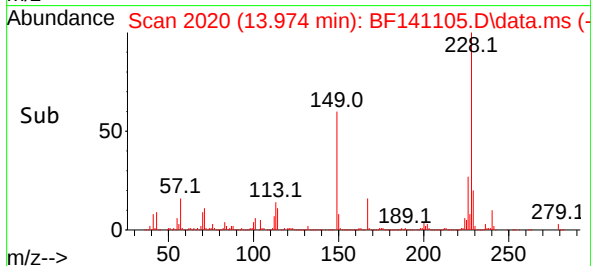
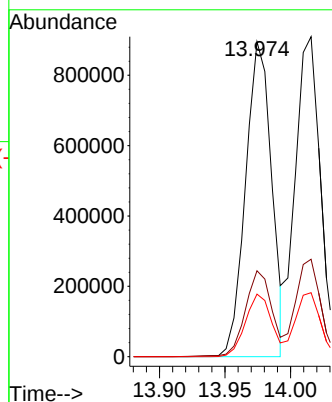
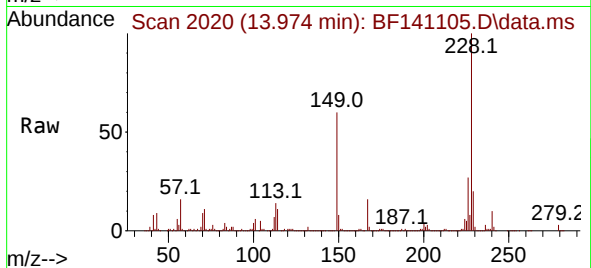
Tgt Ion:228 Resp: 1237351

Ion Ratio Lower Upper

228 100

226 27.3 22.1 33.1

229 19.9 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 32.197 ng

RT: 13.939 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF141105.D

Acq: 09 Jan 2025 15:28

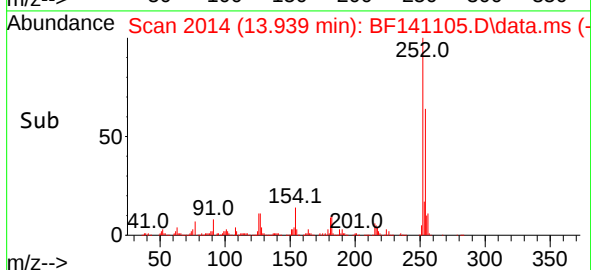
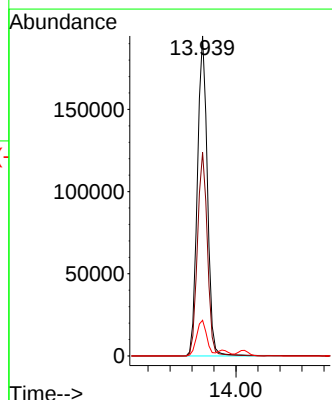
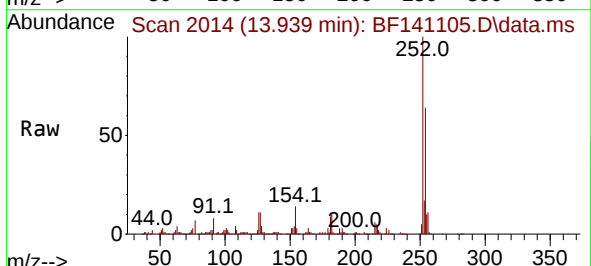
Tgt Ion:252 Resp: 245991

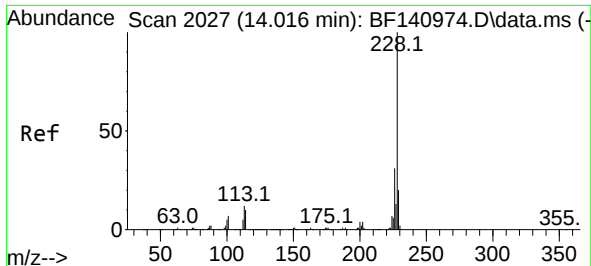
Ion Ratio Lower Upper

252 100

254 63.6 51.5 77.3

126 11.1 10.3 15.5

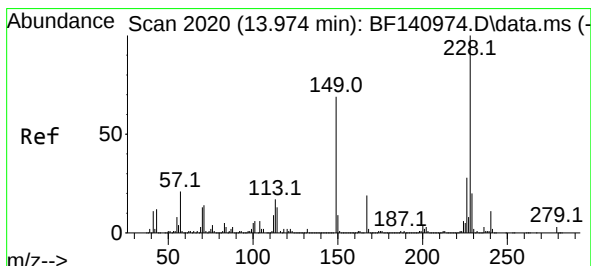
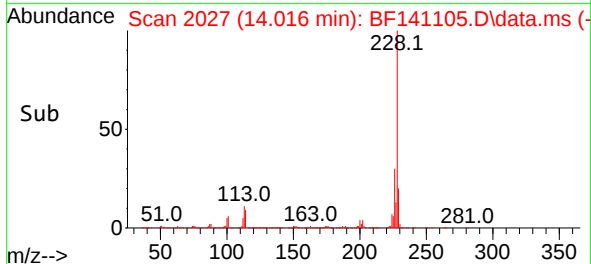
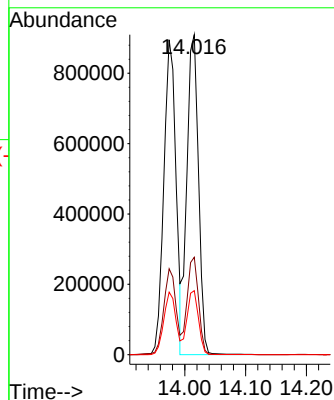
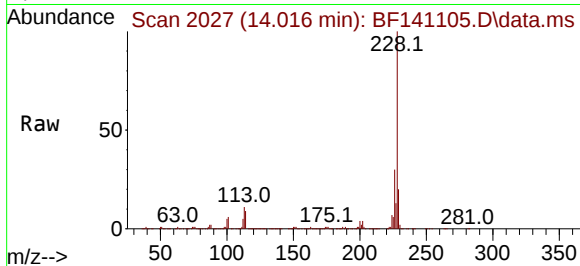




#83
Chrysene
Concen: 52.413 ng
RT: 14.016 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF141105.D
Acq: 09 Jan 2025 15:28

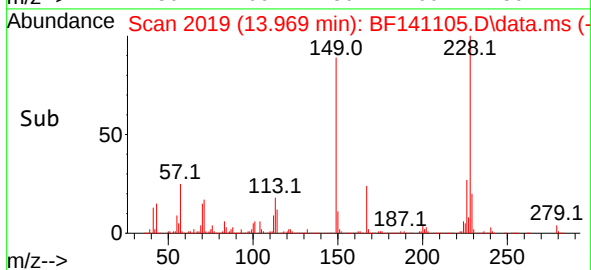
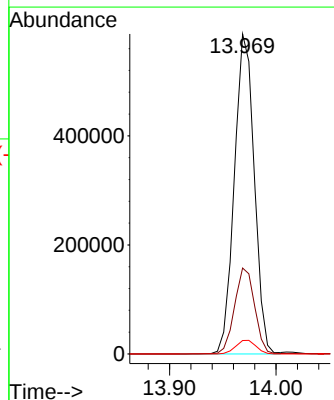
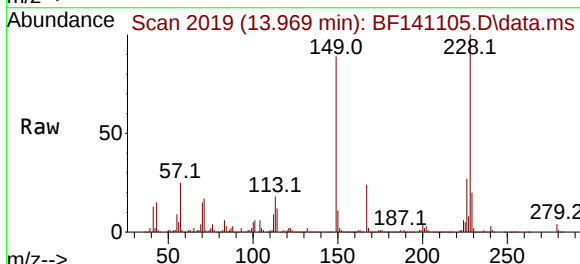
Instrument :
BNA_F
ClientSampleId :
PB165989BSD

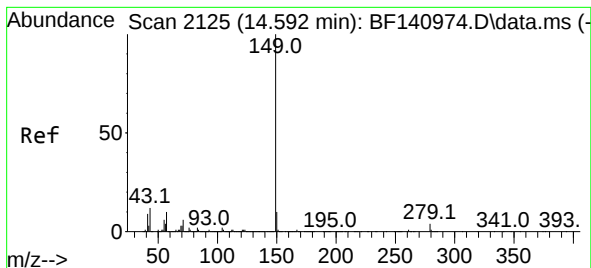
Tgt Ion:228 Resp: 1201520
Ion Ratio Lower Upper
228 100
226 30.4 24.5 36.7
229 20.0 16.2 24.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 50.442 ng
RT: 13.969 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF141105.D
Acq: 09 Jan 2025 15:28

Tgt Ion:149 Resp: 762421
Ion Ratio Lower Upper
149 100
167 26.9 21.6 32.4
279 4.2 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 55.098 ng

RT: 14.586 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF141105.D

Acq: 09 Jan 2025 15:28

Instrument :

BNA_F

ClientSampleId :

PB165989BSD

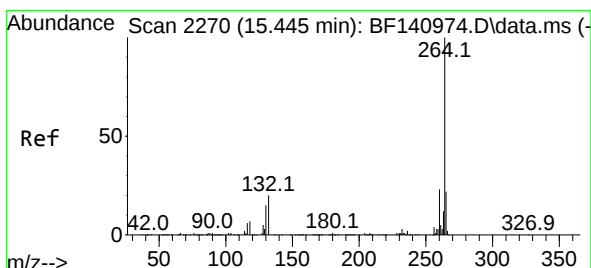
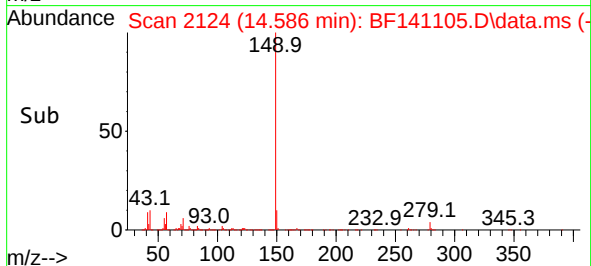
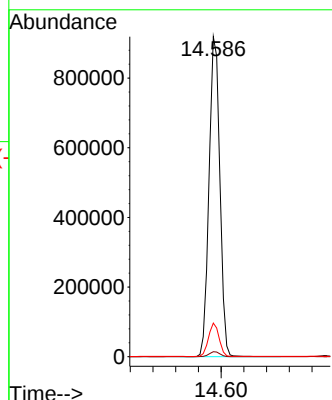
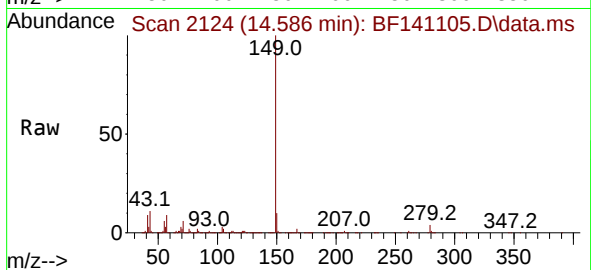
Tgt Ion:149 Resp: 1205344

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.2 9.3 13.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2270

Delta R.T. 0.000 min

Lab File: BF141105.D

Acq: 09 Jan 2025 15:28

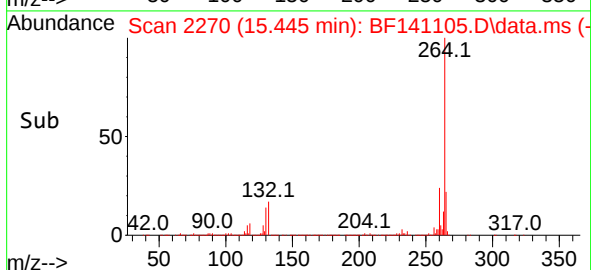
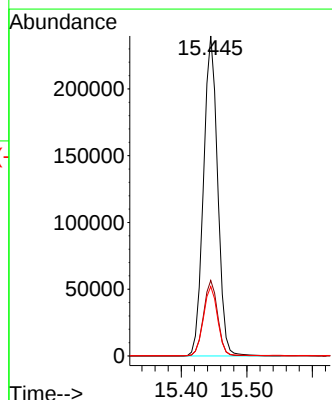
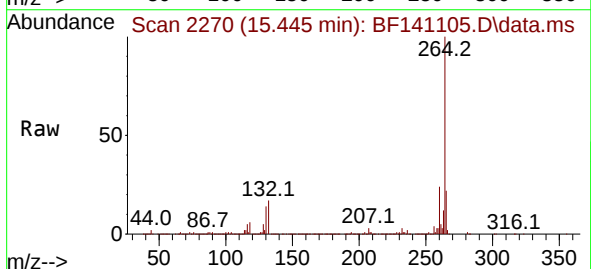
Tgt Ion:264 Resp: 361148

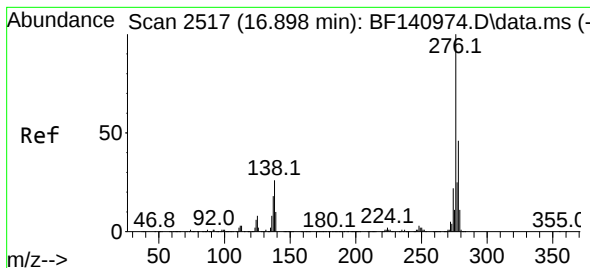
Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 21.7 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 61.289 ng

RT: 16.904 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF141105.D

Acq: 09 Jan 2025 15:28

Instrument :

BNA_F

ClientSampleId :

PB165989BSD

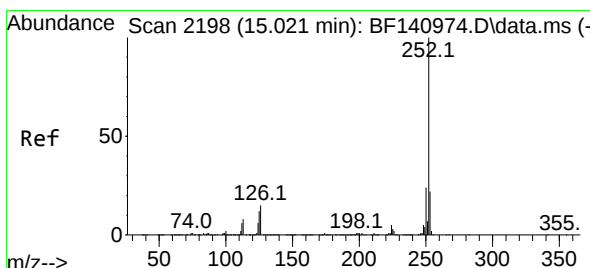
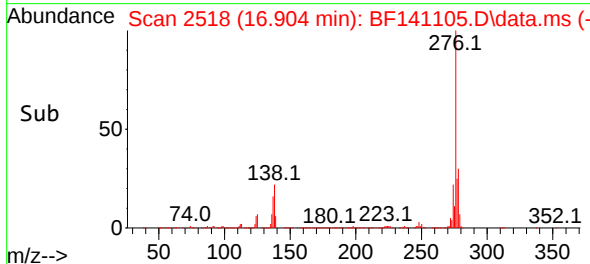
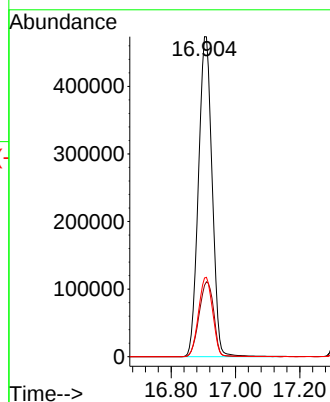
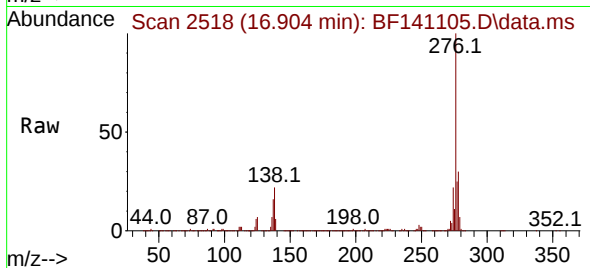
Tgt Ion:276 Resp: 1394516

Ion Ratio Lower Upper

276 100

138 25.1 23.1 34.7

277 25.6 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 49.301 ng

RT: 15.021 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF141105.D

Acq: 09 Jan 2025 15:28

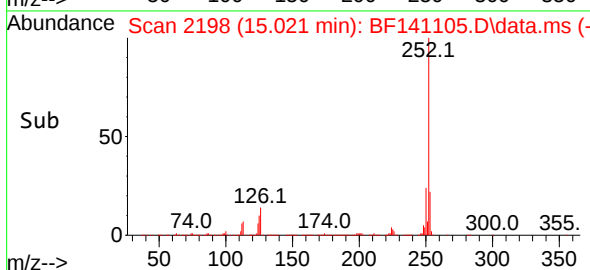
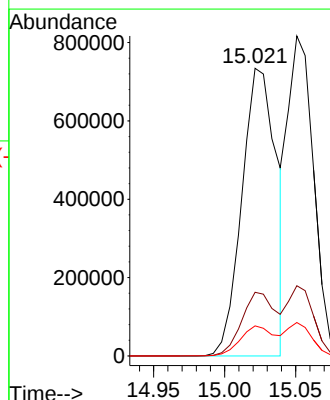
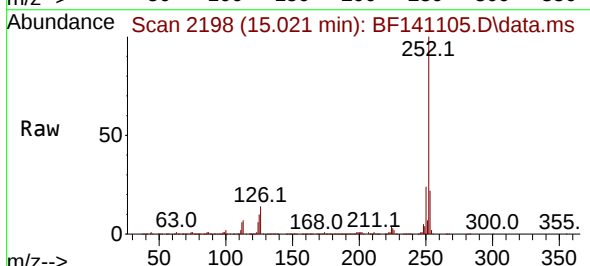
Tgt Ion:252 Resp: 1241781

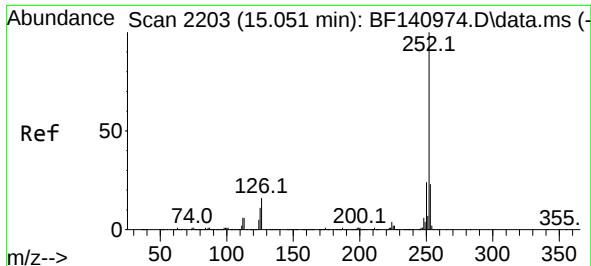
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 10.5 9.3 13.9

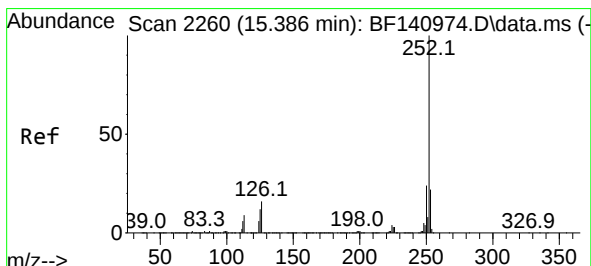
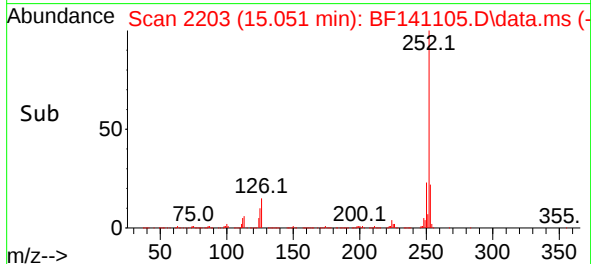
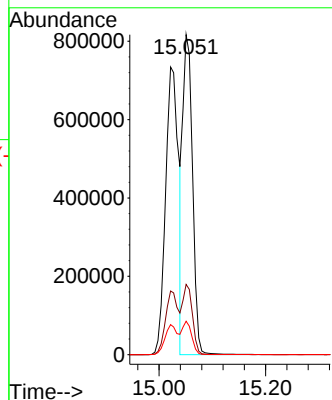
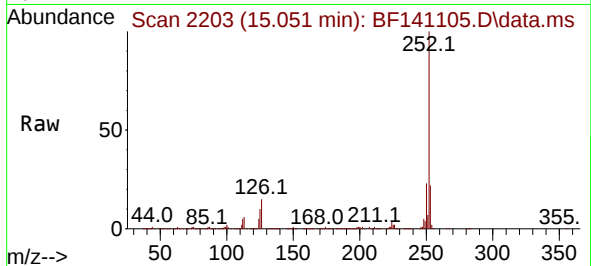




#89
Benzo(k)fluoranthene
Concen: 52.619 ng
RT: 15.051 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF141105.D
Acq: 09 Jan 2025 15:28

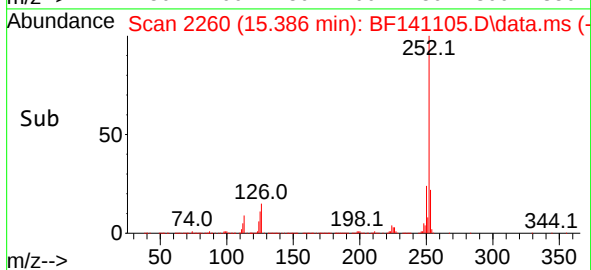
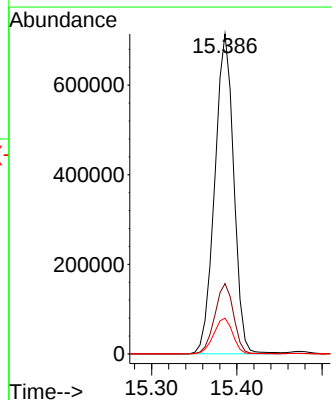
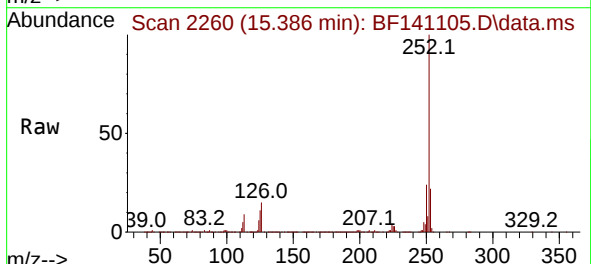
Instrument :
BNA_F
ClientSampleId :
PB165989BSD

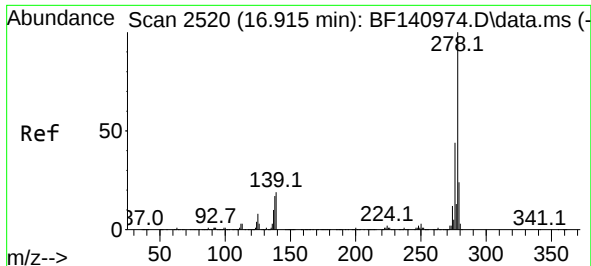
Tgt Ion:252 Resp: 1038776
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 10.4 9.4 14.0



#90
Benzo(a)pyrene
Concen: 56.485 ng
RT: 15.386 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BF141105.D
Acq: 09 Jan 2025 15:28

Tgt Ion:252 Resp: 1104290
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 11.2 9.8 14.8

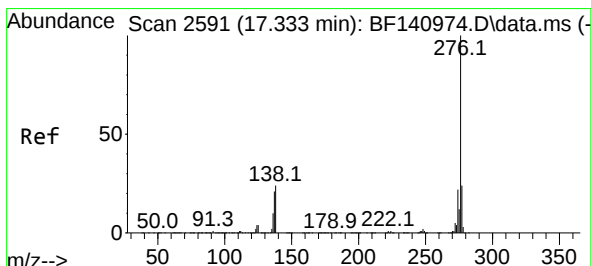
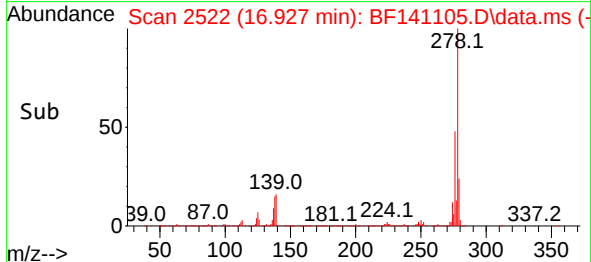
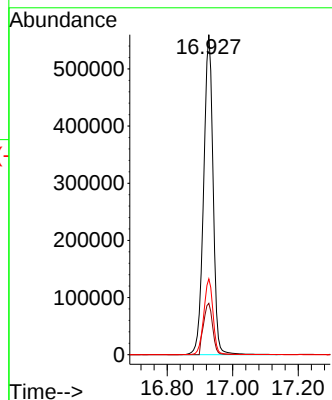
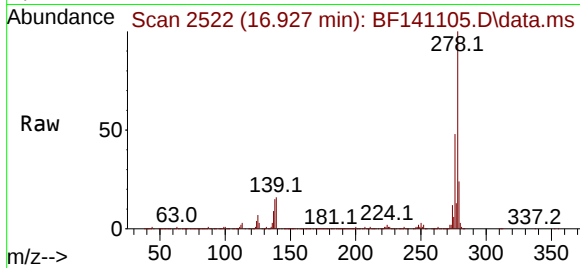




#91
Dibenzo(a,h)anthracene
Concen: 60.946 ng
RT: 16.927 min Scan# 2522
Delta R.T. 0.012 min
Lab File: BF141105.D
Acq: 09 Jan 2025 15:28

Instrument :
BNA_F
ClientSampleId :
PB165989BSD

Tgt Ion:278 Resp: 1124080
Ion Ratio Lower Upper
278 100
139 16.1 14.9 22.3
279 23.7 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 54.804 ng
RT: 17.345 min Scan# 2593
Delta R.T. 0.012 min
Lab File: BF141105.D
Acq: 09 Jan 2025 15:28

Tgt Ion:276 Resp: 1048391
Ion Ratio Lower Upper
276 100
277 24.3 19.0 28.4
138 21.9 19.4 29.2

